

# Catalogue and technical manual 2018/2019

A solid basis for your success

www.blum.com

blum®

# Website

## New possibilities
## Sources of current information in addition to the catalogue

You can now access our catalogue via our website, giving you comprehensive and up-to-date information at all times.

This means you will not only be able to find in-depth content quickly and easily, but also parts lists, details of product ranges and much more.

### NEW – information on assembly, removal and adjustment

From now on, you will be able to access up-to-date and comprehensive information on how to properly assemble our products via a **QR code** and a **short URL**. These will guide you directly to our detailed digital installation instructions.

### Webcode



A webcode is provided for the applications listed in the catalogue. When entering this code into the Product Configurator, you will receive information about the range on offer, assembly and marketing, alongside the parts list.

**Short-URL**
**www.blum.com/configurator**

**Example**

**Webcode**
**DQBQ2M**

### Short-URL




The short web address makes it easier for you to access further product information, such as installation instructions that you can print out, brochures and technical data.

**Example**

**Help with planning and ordering**

**Short-URL**
**www.blum.com/planningtools**

### QR-Code



In addition to the information provided in the catalogue, you can use the QR code to directly access assembly information and make use of in-depth content on Blum products at any time, even if you are at a customer's premises.

**Example**

**Application video**

**Short-URL**
**www.blum.com/gmSum**



## Lift systems


| | | |
|---|---|---|
| Overview | | 37 |
| ► AVENTOS HF – bi-fold lift system | Standard \| SERVO-DRIVE | 40 |
| ► AVENTOS HS – up and over lift system | Standard \| SERVO-DRIVE | 52 |
| ► AVENTOS HL – lift up | Standard \| SERVO-DRIVE | 58 |
| ► AVENTOS HK – stay lift | Standard \| SERVO-DRIVE \| TIP-ON | 64 |
| ► AVENTOS HK-S – stay lift | Standard \| TIP-ON | 74 |
| ► AVENTOS HK-XS – stay lift | Standard \| TIP-ON | 80 |




## Hinge systems


| | | |
|---|---|---|
| Overview | | 91 |
| ► CLIP top BLUMOTION \| CLIP top – hinges | Tool-free CLIP assembly | 92 |
| ► BLUMOTION for doors | | 184 |
| ► TIP-ON for doors | | 198 |
| ► MODUL – hinges | “Slide-on” assembly | 202 |




## Box systems


| | | | |
|---|---|---|---|
| Overview | 217 | ► TIP-ON BLUMOTION for TANDEMBOX | 372 |
| ► LEGRABOX | 218 | ► SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 378 |
| ► TIP-ON BLUMOTION for LEGRABOX | 262 | ► METABOX | 410 |
| ► TIP-ON for LEGRABOX | 266 | | |
| ► TANDEMBOX intivo | 270 | | |
| ► TANDEMBOX antaro | 296 | | |
| ► TANDEMBOX plus | 344 | | |




## Runner systems


| | | |
|---|---|---|
| Overview | | 435 |
| ► MOVENTO | Smooth running and easy adjustment | 436 |
| ► TIP-ON BLUMOTION for MOVENTO | | 452 |
| ► TIP-ON for MOVENTO | | 458 |
| ► TANDEM | Versatility with smooth running action | 464 |
| ► SERVO-DRIVE for MOVENTO \| TANDEM | | 490 |
| ► STANDARD | Visible runner system | 524 |




## Inner dividing systems


| | | |
|---|---|---|
| Overview | | 537 |
| ► AMBIA-LINE for LEGRABOX | Flexible organisation for Box systems | 538 |
| ► AMBIA-LINE kitchen accessories | Dispenser, plate holder,... | 548 |
| ► ORGA-LINE for TANDEMBOX | Flexible organisation for Box systems | 550 |
| ► ORGA-LINE kitchen accessories | Dispenser, plate holder,... | 568 |




## Motion technologies


| | |
|---|---|
| Overview | 573 |
| ► SERVO-DRIVE single applications | 576 |




## Further products


| | | |
|---|---|---|
| Overview | | 585 |
| ► Locking systems | CABLOXX | 586 |
| ► Fixing systems | EXPANDO T | 588 |
| ► Wall hanging bracket | | 590 |
| ► Cabinet connectors | | 591 |



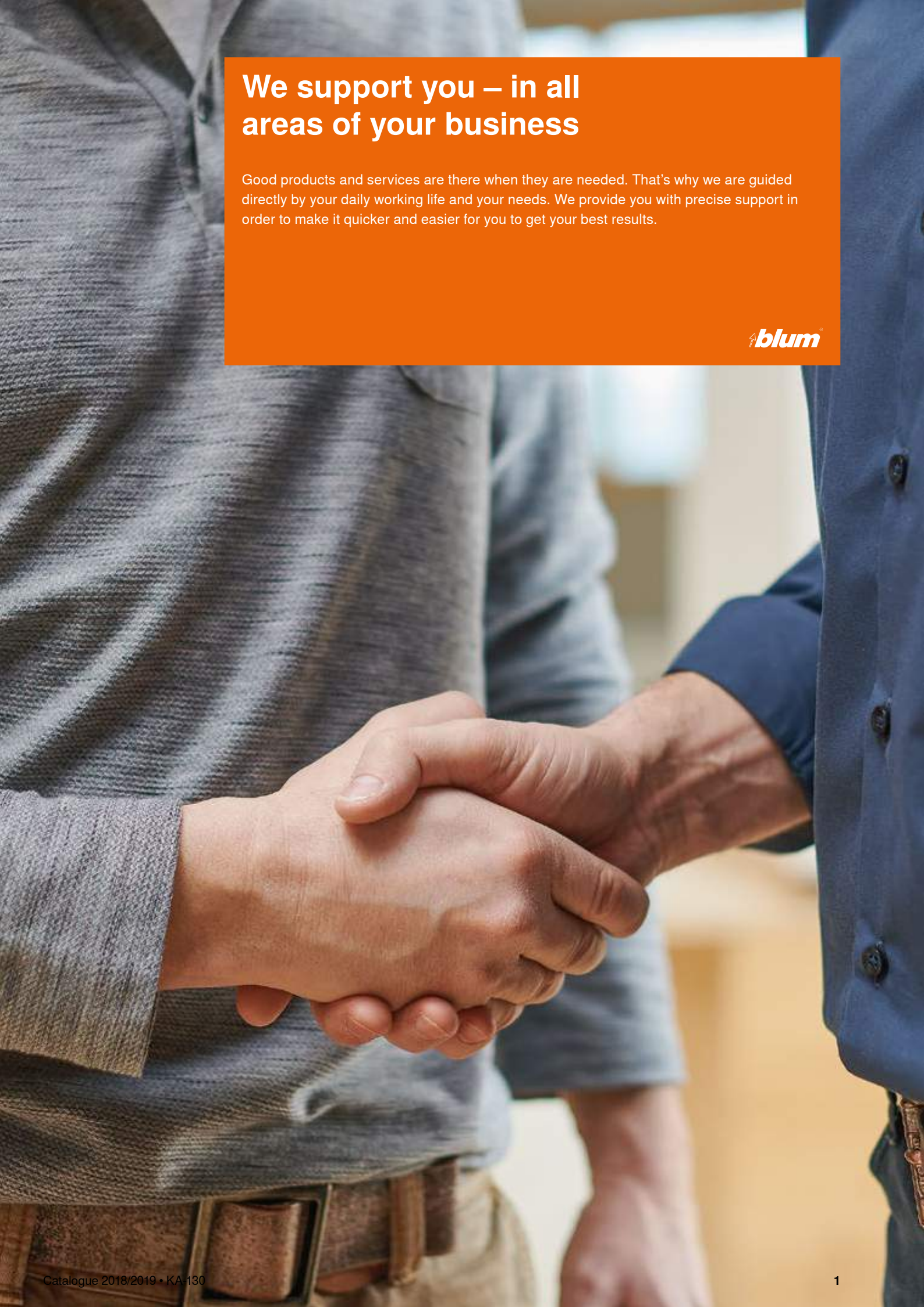

## Assembly devices


| | | |
|---|---|---|
| Overview | | 595 |
| ► Drilling and insertion machines | PRO-CENTER \| MINIPRESS | 596 |
| ► Assembly devices | BOXFIX | 634 |
| ► Templates | | 640 |




## Information


| | |
|---|---|
| Overview | 687 |
| ► General Information | 688 |
| ► Information about lift systems | 692 |
| ► Information about hinge systems | 694 |
| ► Information about box and runner systems | 700 |
| ► Glossary | 714 |
| ► Part No. Index | 724 |



# We support you – in all areas of your business

Good products and services are there when they are needed. That's why we are guided directly by your daily working life and your needs. We provide you with precise support in order to make it quicker and easier for you to get your best results.





# Because results matter

Each individual work step presents its own specific challenges when assembling furniture. Our products and services provide you with the support you need and ensure you are well-equipped for any challenges that arise. After all, your customer should ultimately be delighted with the results of your work.



## Innovations & new developments

What new developments and innovations can I include in my range?

## Planning & design

What options are there for increasing efficiency in planning?

## Purchasing & ordering

How do I access my Blum products quickly and easily?



## Manufacturing & assembly

How can I optimise my manufacturing and assembly quality?

## Sales & showroom

What support will I receive with sales and for my showroom?

## Support & after-sales

What other support will I get?



# What new developments and innovations can I include in my range?



Manufacturing & assembly

Sales & showroom

Support & after-sales

# Hinges with hidden talents: now with integrated BLUMOTION

**CLIP top BLUMOTION 155°**
- Fully technically revised 0-protrusion hinge with the same installation size
- Familiar easy assembly and adjustment
- Colour variant onyx black available



| Page instructions | |
|---|---|
| CLIP top BLUMOTION | 92 |
| Short-URL | |
| www.blum.com/i001 | |

**CLIP top BLUMOTION CRISTALLO**
- Reduced installation size and new, straightforward design
- Unique stability in glass and mirror cabinets or glass display cabinets
- Colour variant onyx black available



| Page instructions | |
|---|---|
| CLIP top BLUMOTION | 92 |
| Short-URL | |
| www.blum.com/i001 | |

**CLIP top BLUMOTION for thin doors**
- Special hinge for thin doors from 8 mm
- Innovative EXPANDO T fixing mechanism with a drilling depth of just 6 mm
- Strong grip in a wide variety of materials
- Colour variant onyx black available



| Page instructions | |
|---|---|
| CLIP top BLUMOTION | 92 |
| Short-URL | |
| www.blum.com/i001 | |

CLIP top BLUMOTION in onyx black

# Dark furniture, simple elegance



- Hinges in onyx black for harmonious integration into dark furniture
- Colour-coordinated cover caps available
- More design possibilities for furniture in elegant design, irrespective of materials and colours
- Inspiring quality of motion for doors thanks to integrated dampening


**Page instructions**

CLIP top BLUMOTION 92

Short-URL
www.blum.com/i002


i

You can find out how we guarantee the high functionality and quality of our products from the outset at:


Short-URL
www.blum.com/s008
Testing standards 690


EXPANDO T

# Thin fronts, easily assembled



- The first fixing system for thin fronts from 8 mm: for lift systems, doors and pull-outs
- Specially developed EXPANDO T split dowel for secure hold in a wide range of materials with a drilling depth of just 6 mm
- Easy assembly – drill, insert, tighten screws


**Page instructions**

Area of application – EXPANDO T 122

Short-URL
www.blum.com/i003

LEGRABOX

# Straightforward design, wider range



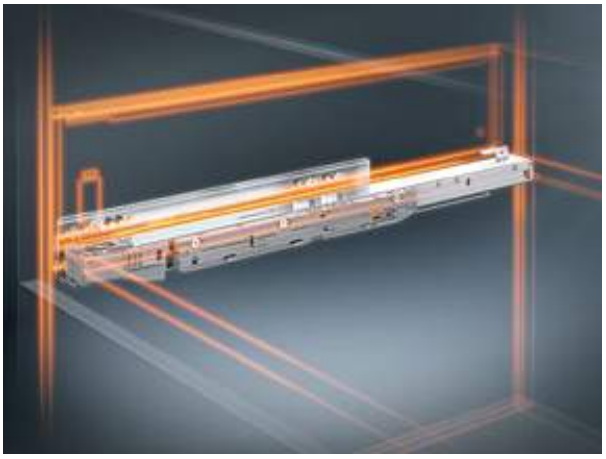
- Consistent colour and material concept – now also with the new colour variant polar silver matt with metallic matt surface
- Create additional storage space thanks to the new front piece in height K
- For varied applications in all living areas

| Page instructions | |
|---|---|
| Overview – LEGRABOX | 219 |

Short-URL
www.blum.com/i004

BLUMOTION S

# One runner, more flexibility



- One runner for three motion technologies with LEGRABOX and MOVENTO
- Dampening function perfectly tailored to the motion technology
- Consistent components, familiar drilling and fixing positions as well as adjustment options

| Page instructions | |
|---|---|
| BLUMOTION S | 218 |

Short-URL
www.blum.com/i005

i

Comprehensive, up-to-date information about our products, innovations and new developments is always available at:

Short-URL
www.blum.com/i000

TIP-ON BLUMOTION for
LEGRABOX sink pull-out

# Mechanical solution to handleless convenience



- Make optimum use of the available space with a u-shaped pull-out under the sink
- Easy access to cabinet interiors
- Opens with a light touch and closes silently and effortlessly – 100% mechanically
- Can be achieved with a low front gap of just 2.5 mm

| Page instructions | |
|---|---|
| TIP-ON BLUMOTION for LEGRABOX | 262 |
| Short-URL | |
| www.blum.com/i006 | |

CABLOXX

# Lockable furniture, freely designed



- Locking system for all box and runner systems
- Can be used with all motion technologies
- All cabinet heights, widths and pull-out heights
- Can be colour-coordinated with the box system
- Can be implemented with the usual working dimensions
- Full range of adjustment options available

| Page instructions | |
|---|---|
| CABLOXX | 586 |
| Short-URL | |
| www.blum.com/i007 | |



# What options are there for increasing efficiency in planning?



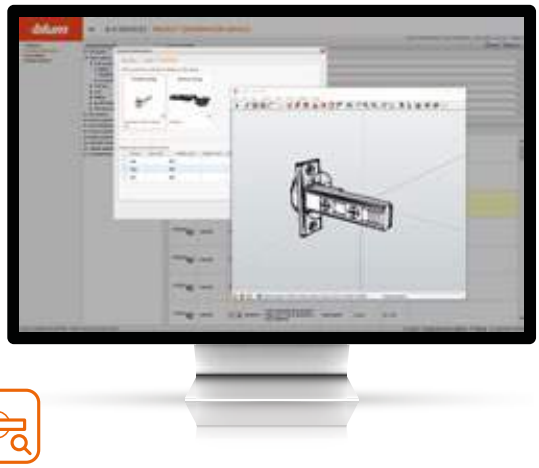
Manufacturing & assembly

Sales & showroom

Support & after-sales

## Product Database

# Correctly informed, properly planned



- Overview of all the Blum items available on the market
- Detailed descriptions of individual products including technical features
- Correct data directly from the fittings manufacturer at your disposal
- Various product data can be directly downloaded: images, diagrams, drawings and CAD data (3D) for planning and design using Blum fittings solutions

**Page instructions**

**Short-URL**
**www.blum.com/s001**

## Product Configurator

# Easily configured, ready for processing



- Configuration of complex fitting applications – for every kind of installation
- Release of complete, checked parts lists
- Download configured fitting solutions in 2D/3D CAD format and further processing in the design software
- Accurate drawings for design and manufacturing

**Page instructions**

**Short-URL**
**www.blum.com/s002**

# Complex cabinet, fully checked



- Exact planning of cabinets, as well as simple selection of the correct fittings
- Calculation of complex cabinet design (SPACE CORNER, angled cabinet)
- Integrated collision checks prevent planning mistakes
- Blum fittings are added to the planning software for implementation in everyday applications and special solutions

**Page instructions**

**Short-URL**
**www.blum.com/s003**

All the services with a symbol are part and parcel of our E-SERVICES
To make full use of this package of services, you need a log-in password

Register now at

**Short-URL**
**www.blum.com/e-services**

CAD/CAM data service

# Current Blum data provided centrally



- Overview of all available CAD/CAM data
- Time savings for data acquisition
- Direct download of the required data (3D individual product, 3D configuration etc.) as well as download of data packages
- Constantly updated CAD/CAM data

**Page instructions**

**Short-URL**
www.blum.com/s004

Interface to planning software

# Exported data, secure planning



- Complete transfer of planning results in BXF format from the Product Configurator | Cabinet Configurator | DYNAPLAN into your CAD/CAM software via interface
- Time saved in planning because there is no need to import and position individual CAD data by hand
- No mistakes made thanks to transfer of collision-checked fittings solutions including all fixing positions and wooden parts
- Large number of interface partners

**Page instructions**

**Short-URL**
www.blum.com/s005

# Blum product data in your CAD software




- Comprehensive Blum fittings data can be used directly in your usual software
- Effortless creation and maintenance of data in your CAD program
- Planning mistakes can be avoided thanks to complete product data checked by the manufacturer
- Optimum support from planning to product selection and ordering, right through to data transfer for manufacturing

**Page instructions**

**Short-URL**
**www.blum.com/s006**



# How do I access my Blum products quickly and easily?



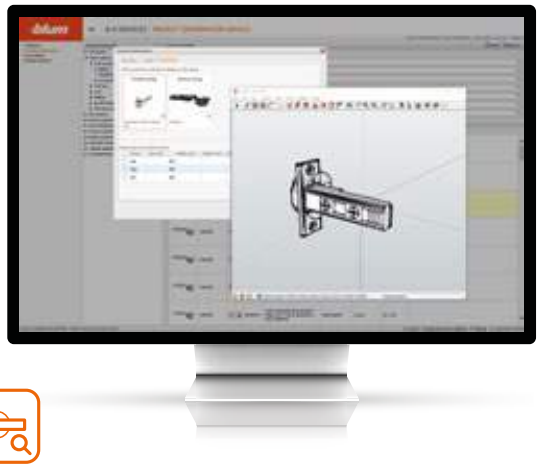
Manufacturing & assembly

Sales & showroom

Support & after-sales

Product Database

# Well informed, correctly selected



- Overview of all the Blum items available on the market
- All basic information about individual products at a glance
- Detailed descriptions including technical features
- Comprehensive information for simple fittings selection, and error-free ordering

**Page instructions**

**Short-URL**
www.blum.com/s007

Shopping Basket

# Parts list checked, stored centrally



- Central storage location for your configured fitting applications and planned cabinets
- Structuring of data according to your individual needs
- Assignment to individual commissions or projects

**Page instructions**

**Short-URL**
www.blum.com/s008

# Order online, it's easy and convenient




- Complete components lists are provided from the Blum configurators directly into the authorised distributor's online shop, with no manual entries
- Overview of prices and availability from your authorised distributor
- Less time needed for ordering in comparison to ordering by email or fax

**Page instructions**

**Short-URL**
**www.blum.com/s009**



Innovations & new developments

Planning & design

Purchasing & ordering



# How can I optimise my manufacturing and assembly quality?

Product Configurator

# Current production data




- Online access to accurately dimensioned drawings for design and manufacturing, without needing to install software
- Additional information for assembly and adjustment directly from the fittings manufacturer
- CAD data available to download as a package or for individual items

**Page instructions**

**Short-URL**
www.blum.com/s010

Cabinet configuration | DYNAPLAN

# Easily configured, individually organised



- Short familiarisation period thanks to user-friendly interface
- Automatic calculation of wooden parts, drilling positions and fittings parts lists, as well as the release of complete manufacturing documents
- Export of data into various CAD/CAM programs via a BXF Interface, making optimum use of the advantages of both programs
- Large number of interface partners, allowing for data from Blum configurators to be transferred into your programs

**Page instructions**

**Short-URL**
www.blum.com/s011

# Quick access, collected data



- Download the CAM assembly macros of Blum fittings for further processing on the CNC machine
- Programming work on the CNC machine is reduced and errors are avoided
- Different SFP formats for the most common CNC machine manufacturers

**Page instructions**

**Short-URL**
www.blum.com/s012

Assembly devices

# Practical assistance for every work step



- The right assembly device for each Blum product: drilling and insertion machines, assembly devices, templates and jigs
- Needs-oriented support for simple and rational processing in the workshop or on the customer's premises
- Extremely user-friendly and durable

| Page instructions | |
|---|---|
| Overview – assembly devices | 595 |
| Short-URL | |
| www.blum.com/s016 | |

EASY ASSEMBLY app

# Precise assembly with digital support




- Overview of all Blum installation instructions and videos, sorted according to product groups
- Saves time and increases assembly quality
- Continuously updated data direct from the manufacturer
- Intuitive operation – both online and offline
- Available free of charge for iOS and Android (optimised for new smartphones and tablets)

| Page instructions |
|---|
| Short-URL |
| www.blum.com/s015 |

# Assembly information at a glance



- Clear product area with useful details for easy processing of the fittings
- Helpful videos and instructions for exact adjustment and precise assembly available to download
- Assembly device selector as a practical tool to help you find the right assembly device

**Page instructions**

**Short-URL**
**www.blum.com/s014**



# What support will I receive with sales and for my showroom?



Marketing Media Library

# Optimum preparation, great marketing



- Direct access to current marketing materials
- Free download of wide range of media: brochures, photos, logos, videos, presentations, technical data sheets and certificates
- Saves time when creating your documents
- A wide range of marketing ideas for Blum products and/or furniture with Blum fittings

**Page instructions**

**Short-URL**
**www.blum.com/s017**

Sales Support

# Furniture with added value attractively presented



- Current product models encourage people to try out Blum solutions
- Professionally prepared marketing documents for successful consultations and sales meetings
- Personal advice on all aspects of an appealing design for your showrooms
- Attractive point-of-sale measures emphasise the strengths in the interior of your furniture

**Page instructions**

**Short-URL**
**www.blum.com/s018**

# Versatile ideas for practical kitchens



- Information that gives you an advantage thanks to the results of our ongoing Blum kitchen observations
- Useful arguments for your customer consultations
- Practical ideas and helpful tips – for straightforward work processes, optimum use of storage space and high quality of motion technology in the kitchen

**Page instructions**

**Short-URL**
**www.blum.com/s019**



Innovations & new developments

Planning & design

Purchasing & ordering

# What other support will I get?



Technical consultation

# Directly available to answer all questions



- Experts to contact whenever you have a question – from technical details through to the planning and assembly of Blum fittings
- Comprehensive advice on products and services
- Quick, qualified and reliable support, which you can access directly

**Page instructions**

**Short-URL**
**www.blum.com/s020**

Field sales

# Comprehensive care and personal advice



- Personal presentation of new Blum products – including product samples
- Active support in the assembly and adjustment of Blum fittings, even directly on the customer's premises
- Help with choosing the right assembly devices for your specifications, and adjusting and maintaining them
- Personal consultation on the varied possibilities of Blum products and implementation of individual furniture ideas

**Page instructions**

**Short-URL**
**www.blum.com/s021**

# Great offers for loy-al customers



- Practical organisation aids for pull-outs and drawers with Blum in any living area
- Supplementary products for all aspects of furniture with Blum fittings allow you to give your customers even more tailored advice
- Strengthening of customer loyalty

| Page instructions | |
|---|---|
| Inner dividing systems | 536 |
| Short-URL | |
| www.blum.com/s022 | |

# Lift systems




AVENTOS fittings for lift systems provide ease of use in the wall cabinet. Even wide lift systems open easily, remain in any desired position and – thanks to BLUMOTION – close silently and effortlessly.

- BLUMOTION – silent and effortless closing action
- Quick, easy assembly and removal due to CLIP technology
- Easy, 3-dimensional front adjustment
- Perfectly balanced – fronts remain in any desired position
- No protruding parts
- Optimised ergonomic handle position
- With SERVO-DRIVE, the electrical motion support system for wall cabinets
- With TIP-ON, the mechanical opening support system for stay lifts



SERVO-DRIVE, the electrical motion support system for AVENTOS HF, AVENTOS HS, AVENTOS HL and AVENTOS HK



TIP-ON, the mechanical opening support, is available for the lift systems AVENTOS HK, AVENTOS HK-S and AVENTOS HK-XS



The symmetrical lift mechanism of AVENTOS HK-XS can be used on one or two sides

## ▸ AVENTOS HF – bi-fold lift system


Symbolic image

| | |
|---|---|
| ▸ AVENTOS HF – bi-fold lift system | 40 |
| ▸▸ Overview | 41 |
| ▸▸ Standard \| SERVO-DRIVE | 42 |
| ▸▸ Accessories | 50 |

## ▸ AVENTOS HS – up and over lift system


Symbolic image

| | |
|---|---|
| ▸ AVENTOS HS – up and over lift system | 52 |
| ▸▸ Overview | 53 |
| ▸▸ Standard \| SERVO-DRIVE | 54 |

## ▸ AVENTOS HL – lift up


Symbolic image

| | |
|---|---|
| ▸ AVENTOS HL – lift up | 58 |
| ▸▸ Overview | 59 |
| ▸▸ Standard \| SERVO-DRIVE | 60 |

## ▸ AVENTOS HK – stay lift


Symbolic image

| | |
|---|---|
| ▸ AVENTOS HK – stay lift | 64 |
| ▸▸ Overview | 65 |
| ▸▸ Standard \| SERVO-DRIVE | 66 |
| ▸▸ TIP-ON | 70 |
| ▸▸ Accessories | 73 |

## ▸ AVENTOS HK-S – stay lift


Symbolic image

| | |
|---|---|
| ▸ AVENTOS HK-S – stay lift | 74 |
| ▸▸ Overview | 75 |
| ▸▸ Standard | 76 |
| ▸▸ TIP-ON | 76 |
| ▸▸ Accessories | 79 |

## ▸ AVENTOS HK-XS – stay lift


Symbolic image

| | |
|---|---|
| ▸ AVENTOS HK-XS – stay lift | 80 |
| ▸▸ Overview | 81 |
| ▸▸ Standard | 82 |
| ▸▸ TIP-ON | 82 |
| ▸▸ Accessories | 87 |

## ▸ AVENTOS – mitred and rebated applications


Symbolic image

| | |
|---|---|
| ▸ AVENTOS – mitred and rebated applications | 38 |

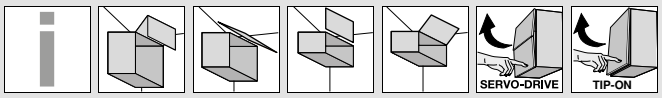
## ▸ Accessories


Symbolic image

| | |
|---|---|
| Screws | 88 |
| Centre bit | 88 |
| Door buffer | 88 |
| Screwdriver | 89 |
| Cross slot bit | 89 |

# Lift systems

## ► AVENTOS – mitred and rebated applications




## An inspiring range of lift systems in motion




The fascinating motion quality of the AVENTOS fittings is also available for lift systems designed with mitres or rebates. The situation here is that the standard fittings can still be used with minor positional adjustment. Using the new application options, creative design ideas can be implemented to best effect.

Lift systems are particularly convenient as the smooth action and access to the cabinet are always achieved.
AVENTOS lift systems also remain in any position when they are being opened and are therefore within easy reach to close.
Extra convenience is provided by the SERVO-DRIVE or TIP-ON opening support systems.



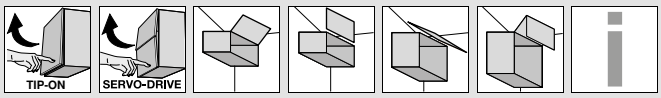
Mitred applications



Rebated applications

**AVENTOS – mitred and rebated applications**

**Short-URL**
**www.blum.com/mitresrebates**




## Mitred applications



**AVENTOS HF – bi-fold lift system**



**AVENTOS HS – up and over lift system**



**AVENTOS HL – lift up**



**AVENTOS HK – stay lift**

## Notched applications



**AVENTOS HF – bi-fold lift system**



**AVENTOS HS – up and over lift system**



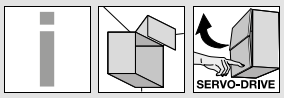
**AVENTOS HL – lift up**



**AVENTOS HK – stay lift**

# Lift systems

## ► AVENTOS HF – bi-fold lift system




### A bi-fold lift system has never been so smooth




The AVENTOS HF has a two-part front that folds together in the centre when opening. The bi-fold lift system is ideal for higher wall cabinets with large fronts because the handle remains easy to reach in any position. AVENTOS HF can also be used with fronts of different heights.

- Silent and effortless closing, thanks to **BLUMOTION**
- Easy to open
- Stops at any opening position
- Provides excellent access to the cabinet interior
- Small programme, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- Free positioning of handles
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS, the electrical motion support system for wall cabinets

### Opening and closing – easy and comfortable





Lift systems open effortlessly with AVENTOS HF. Even heavy fronts only require light operating forces. The variable stop ensures that fronts always remain in the desired position





Thanks to the integrated BLUMOTION, both heavy and light fronts close silently and effortlessly

### Other advantages that will inspire both you and your customers



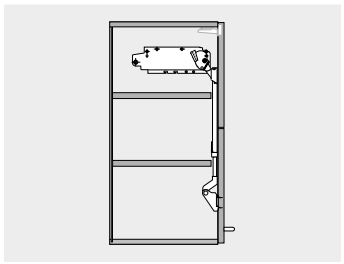
**Excellent durability**
The core element of the lift mechanism is a robust spring package. The result: excellent durability



**No protruding parts**
Removable telescopic arm – an advantage for furniture manufacturing and kitchen installation



**Includes a finger safety feature**
The CLIP top centre hinge with innovative technology ensures finger safety



**Similar shelves possible**
Depending on the height of the cabinet, 2 identical shelves can be used

| Applications | Webcode | Page |
|---|---|---|
| **►► Standard \| SERVO-DRIVE** | | |
|  Wooden fronts and wide alu frames | DQD8YM | 42 |
|  Narrow alu frames | DQD9NY | 46 |

**►► Accessories**


Symbolic image

| | | | |
|---|---|---|---|
| Opening angle stop | 43 | Door buffer | 88 |
| Hinge set | 50 | Screwdriver | 89 |
| Mounting plates | 172 | Cross slot bit | 89 |
| Hinge arm cover cap | 181 | | |
| Screws | 88 | | |
| Centre bit | 88 | | |

**►► Assembly, removal and adjustment**


Symbolic image

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a110

## Machine directive

Furniture with SERVO-DRIVE for AVENTOS, as long as it is intended for domestic use, is not subject to the provisions of the Machine Directive 2006/42/EC. This is valid for items for office and professional use and for putting a machine on the market within the Euro. Economic Area (EEA + Switzerland + Turkey).
The standards and/or guidelines of other countries are covered with our TÜV certification.

**Detailed information on the Machine Directive**

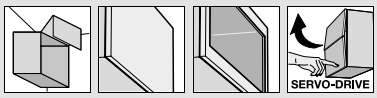
Short-URL
www.blum.com/sd/guideline

## Pictograph

| | | | |
|---|---|---|---|
| Item Available Upon Request | | Narrow alu front | |
| General Information | | SERVO-DRIVE for AVENTOS | |
| Accessories | | INSERTA boss | |
| AVENTOS HF – bi-fold lift system | | EXPANDO boss | |
| Wooden front | | Screw-on boss | |
| Wide alu front | | Planning | |

# Lift systems

## ► AVENTOS HF – bi-fold lift system
## ►► Standard | SERVO-DRIVE




## Wooden fronts and wide alu frames

Webcode DQD8YM



- Ideal for wall cabinets with divided fronts
- Cabinet height KH 480–1040 mm
- Cabinet width KB up to 1800 mm
- Silent and effortless closing, thanks to **BLUMOTION**
- Light operating forces
- Variable stop
- Tool-free assembly
- 3-dimensional adjustment of both fronts
- Simple, infinitely variable lift mechanism
- Centre hinge with finger safety feature

**Power factor LF**
Cabinet height KH (mm) x combined weight of both fronts and handle (kg)

**Theoret. cabinet height TKH**
Front height top FHo (mm) x 2 + gaps

We recommend the more powerful lift mechanism for overlapping areas.

☐ **Standard**
■ **SERVO-DRIVE**

## Order information

**1 ☐ ■ Lift mechanism set**



| Power factor LF | Part no. |
|---|---|
| 2600–5500 (1 pc LF 960–2650) | 20F2200.05 |
| 5350–10150 | 20F2500.05 |
| 9000–17250 (3 pc LF 13500–25900) | 20F2800.05 |

**Composed of:**

| | | |
|---|---|---|
| 1 | 2 x | Lift mechanism (symmetrical) |
| – | 8 x | Chipboard screws Ø 4 x 35 mm |

**2 ☐ ■ Telescopic arm set**



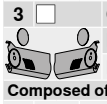
| Cabinet height KH (mm) [1] | Part no. |
|---|---|
| 480–570 | 20F3200.01 |
| 560–710 | 20F3500.01 |
| 700–900 | 20F3800.01 |
| 760–1040 | 20F3900.01 |

**Composed of:**

| | | |
|---|---|---|
| 2 | 2 x | Telescopic arm (symmetrical) |

[1] Theoretical cabinet height TKH for asymmetrical fronts

**3 ☐ Cover cap set**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 20F8000 |

**Composed of:**

| | | |
|---|---|---|
| 3a | 1 x | Cover cap large left |
| 3b | 1 x | Cover cap large right |
| 3c | 2 x | Cover cap round |

**3 ■ Cover cap set for SERVO-DRIVE**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 21F8000 |

**Composed of:**

| | | |
|---|---|---|
| 3a | 1 x | SERVO-DRIVE cover plate left |
| 3b | 1 x | Cover cap large right |
| 3c | 2 x | Cover cap round |
| 3d | 2 x | SERVO-DRIVE switch |
| 3e | 6 x | Blum distance bumper, Ø 5 mm |

**4 ☐ ■ Mounting plate for telescopic arm**

**Recommendation**



| Fixing method | Spacing (mm) | Part no. |
|---|---|---|
| Screw-on | 0 [1] | 175H3100 |
| EXPANDO | 0 | 177H3100E |
| Knock-in | 0 | 177H3100 |

All horizontal steel mounting plates with 0 mm spacing possible

[1] Use 2 chipboard screws (609.1x00) per side for wooden fronts

[1] Use 2 counter sunk self tapping screws (660.0950) per side for wide alu frames

**6 ■ SERVO-DRIVE set**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | 21FA000 |

**Composed of:**

| | | |
|---|---|---|
| 6a | 1 x | Drive unit |
| 6b | 1 x | Distribution cable, 1500 mm |
| 6c | 1 x | Connecting node |
| 6d | 2 x | Cable end protector |

For three lift mechanisms or more, we recommend two synchronised drive units

**7 ■ Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| A | DE, EN, FR, IT, NL | E | CS, HU, PL, SK |
| B | DA, EN, FI, NO, SV | F | BG, ET, LT, LV, RO, RU |
| C | EL, EN, HR, SL, SR, TR | G | EN, ES, FR |
| D | EN, ES, FR, IT, PT | H | EN, ZH |

Language descriptions as per ISO-639

**8 ■ Transformer unit housing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

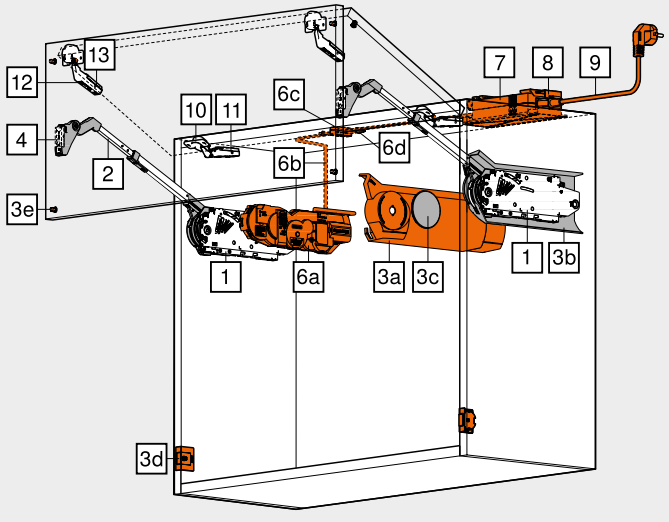
For Blum transformer 24 W

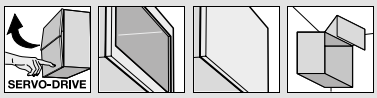
**9 ■ Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug








## Wooden fronts and wide alu frames

Webcode DQD8YM

### Order information

**Alternative to 7, 8, 9**

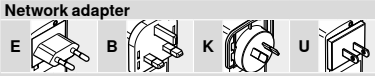
**– Blum plug-in transformer 12 W**

**Only suitable for one drive unit**



| Network adapter | Lan-guage package | Part no. | Network adapter | Lan-guage package | Part no. |
|---|---|---|---|---|---|
| E | A | ☎ Z10NA30EAF | E | F | ☎ Z10NA30EFF |
| E | B | ☎ Z10NA30EBF | B | A | ☎ Z10NA30BAF |
| E | C | ☎ Z10NA30ECF | K | D | ☎ Z10NA30KDF |
| E | D | ☎ Z10NA30EDF | U | G | ☎ Z10NA30UGF |
| E | E | ☎ Z10NA30EEF | | | |

**Network adapter** [1]




**Composed of:**
– 1 x Blum plug-in transformer 12 W
Incl. cable, 1120 mm (with distribution cable extendible to max. 2000 mm)
Other combinations available upon request
[1] See the Information chapter for a detailed market list

**10 CLIP top 120° hinge**



| Boss | Spring | | Part no. |
|---|---|---|---|
| INSERTA | Unsprung | | 70T5590BTL |
| Screw-on | Unsprung | [2] | 70T5550.TL |
| **Boss overlay TO (fixed dimension)** | | | 11 mm |

3 hinges starting at cabinet width KB 1200 mm and/or 12 kg front weight
4 hinges with cabinet width KB 1800 mm and/or 20 kg front weight
[2] Use chipboard screws (609.1x00) for wooden fronts
[2] Use counter sunk self tapping screws (660.0950) for wide alu frames

**Alternative to 10**

**10 CLIP top 120° special hinge for larger front overlay**



| Boss | Spring | | Part no. |
|---|---|---|---|
| INSERTA | Unsprung | | 72T5590BTL |
| Screw-on | Unsprung | [2] | 72T5550.TL |
| **Boss overlay TO (fixed dimension)** | | | 13 mm |

3 hinges starting at cabinet width KB 1200 mm and/or 12 kg front weight
4 hinges with cabinet width KB 1800 mm and/or 20 kg front weight

**11 Mounting plate for CLIP top 120° hinge**

**Recommendation**



| Fixing method | Spacing (mm) | | Part no. |
|---|---|---|---|
| Screw-on | 0 | [2] | 175H3100 |
| EXPANDO | 0 | | 177H3100E |
| Knock-in | 0 | | 177H3100 |

Standard mounting plates, distance depends on upper front overlay

**12 CLIP top centre hinge**



| Boss | Spring | | Part no. |
|---|---|---|---|
| EXPANDO | Unsprung | | 78Z553ET |
| Screw-on | Unsprung | [2] | 78Z5500T |

3 hinges starting at cabinet width KB 1200 mm and/or 12 kg front weight
4 hinges with cabinet width KB 1800 mm and/or 20 kg front weight

**13 Mounting plate for CLIP top-centre hinge**

**Recommendation**



| Fixing method | Spacing (mm) | | Part no. |
|---|---|---|---|
| Screw-on | 0 | [2] | 175H3100 |
| EXPANDO | 0 | | 177H3100E |
| Knock-in | 0 | | 177H3100 |

Standard mounting plates with 0 mm distance
Only use cruciform mounting plates for wide aluminium frames under a 57 mm frame frieze width

### a Accessories

**– Opening angle stop**



| Opening angle | Colour | Part no. |
|---|---|---|
| 104° | TGR | 20F7051 |
| 83° | R7037 | 20F7011 |

**– Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**6b** 1 x Distribution cable
**6d** 5 x Cable end protector
Can be used as a distribution cable
For cutting to size

**– Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**6c** 1 x Connecting node
**6d** 2 x Cable end protector
Tool-free assembly

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

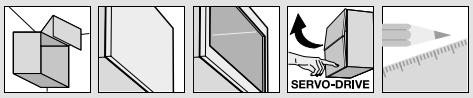
| Colour | | Colour | |
|---|---|---|---|
| HGR | Light grey | WGR | White grey |
| SW | Silk white | S | Black |
| TGR | Dark grey | W | White |
| R7037 | RAL 7037 dust grey | | |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AVENTOS HF | 41 | Planning – SERVO-DRIVE switch | 51 | **Assembly, removal and adjustment** | |
| Accessories – hinge set | 50 | SERVO-DRIVE uno – market list | 706 | | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – general | 88 | Reference values for door weights | 692 | Short-URL | |
| Planning – symmetrical | 44 | More technical details | 686 | www.blum.com/a110 | |
| Planning – asymmetrical | 45 | | | | |
| Planning – Blum distance bumper | 51 | | | | |

# Lift systems

► AVENTOS HF – bi-fold lift system
►► Standard | SERVO-DRIVE

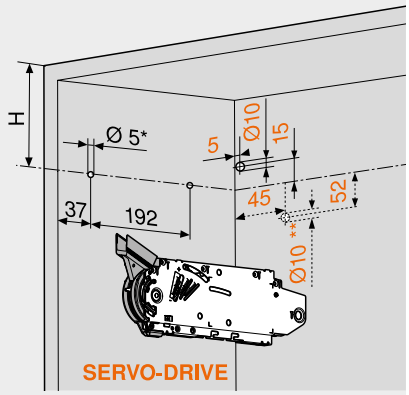



## Wooden fronts and wide alu frames

Webcode DQD8YM

### Planning – symmetrical

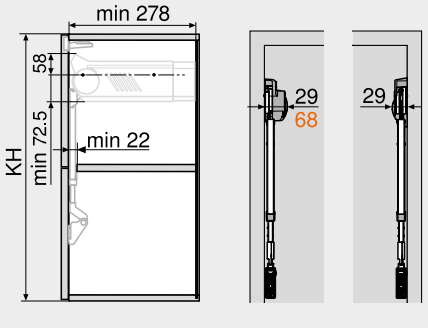
#### Drilling position



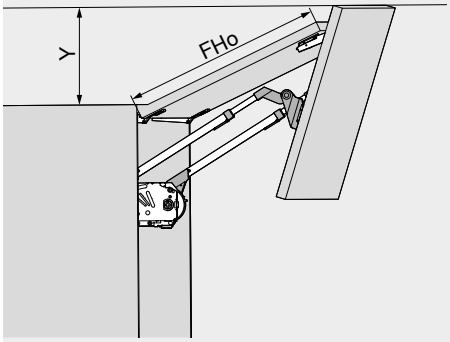

| Cabinet height KH (mm) | H (mm) |
|---|---|
| 480–549 | KH x 0.3 – 28 |
| 550–1040 | KH x 0.3 – 57 |

4 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
* Drilling depth 5 mm
** Alternative drilling

#### Space requirement



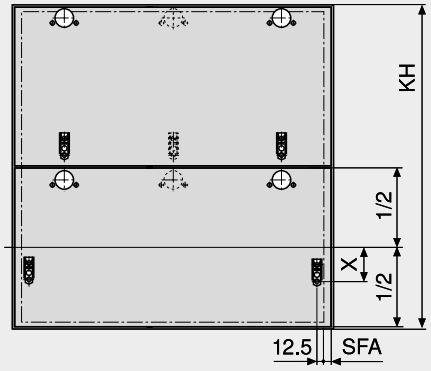

KH Cabinet height




| Opening angle stop | Y (mm) |
|---|---|
| Without | FHo x 0.44 + 38 |
| 104° | FHo x 0.24 + 34 |
| 83° | 0 |

FHo Upper front height

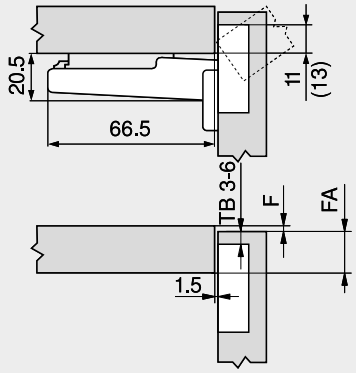
#### Front assembly




| Cabinet height KH (mm) | X (mm) | |
|---|---|---|
| | 177H3100 \| 177H3100E \| 177H3100E10 \| 177H5100 \| 175H3100 \| 175H4100 | 175H5400 \| 177H5400E |
| 480–549 | 70 | 68 |
| 550–1040 | 47 | 45 |

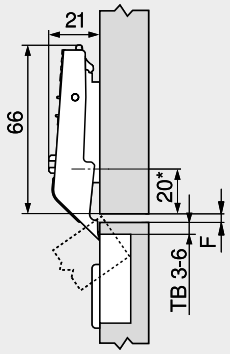
SFA Front overlay of the side panel

#### CLIP top 120° hinge




F Gap
() CLIP top 120° special hinge

#### CLIP top centre hinge




F Min. gap 1.5 mm
* 37 mm for cruciform mounting plates (37/32)

#### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |

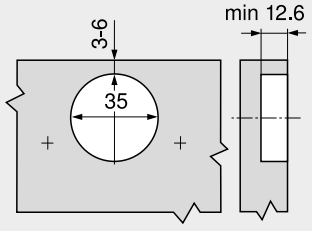
MD Mounting plate spacing (mm)

#### Drilling distance TB

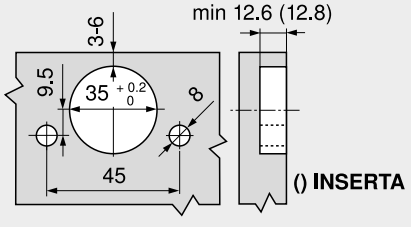
| MD | Horizontal gap between fronts F (mm) | | | |
|---|---|---|---|---|
| | 3 | 4 | 5 | 6 |
| 0 | 6 | 5 | 4 | 3 |
| 3 | | | | |
| 6 | | | | |
| 9 | | | | |

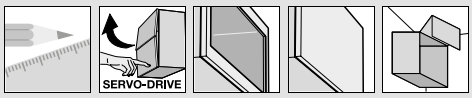
MD Mounting plate spacing (mm)

#### Screw-on




#### INSERTA | EXPANDO





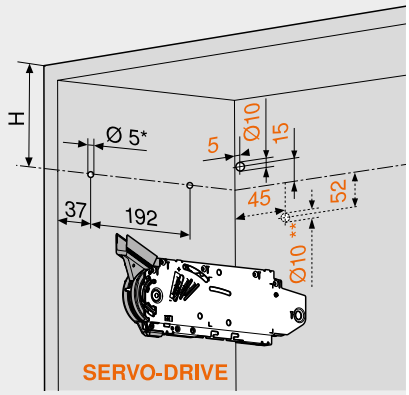



## Wooden fronts and wide alu frames

Webcode DQD8YM

### Planning – asymmetrical

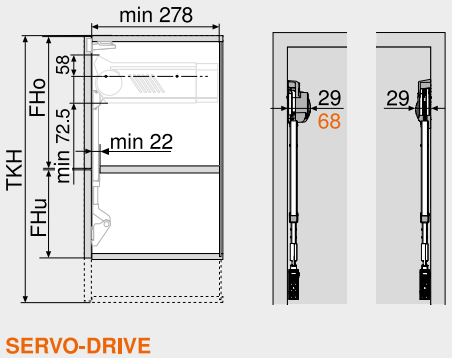
#### Drilling position




| Theoret. cabinet height TKH (mm) | H (mm) |
|---|---|
| 480–549 | TKH x 0.3 – 28 |
| 550–1040 | TKH x 0.3 – 57 |

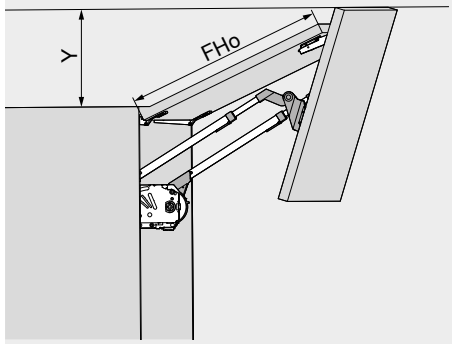
4 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
* Drilling depth 5 mm
** Alternative drilling

#### Space requirement




TKH = FHo (mm) x 2 + gaps

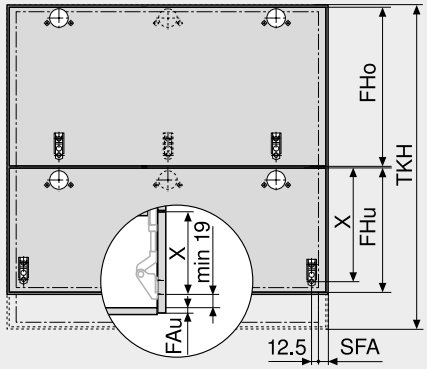
| | |
|---|---|
| TKH | Theoretical cabinet height |
| KH | Cabinet height |
| FHo | Upper front height |
| FHu | Lower front height |




| Opening angle stop | Y (mm) |
|---|---|
| Without | FHo x 0.44 + 38 |
| 104° | FHo x 0.24 + 34 |
| 83° | 0 |

FHo Upper front height
The larger front must be at the top!

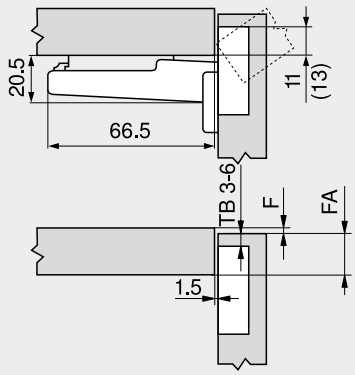
#### Front assembly




| Theoret. cabinet height TKH (mm) | X (mm) | |
|---|---|---|
| | 177H3100 \| 177H3100E \| 177H3100E10 \| 177H5100 \| 175H3100 \| 175H4100 | 175H5400 \| 177H5400E |
| 480–549 | FHo / 2 + 70 | FHo / 2 + 68 |
| 550–1040 | FHo / 2 + 47 | FHo / 2 + 45 |

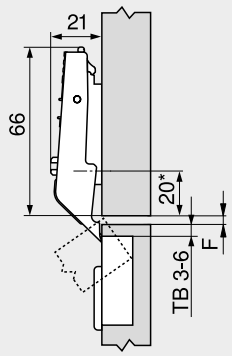
FHo Upper front height
FHu Lower front height
FAu Bottom front overlay
SFA Front overlay of the side panel

#### CLIP top 120° hinge




F Gap
() CLIP top 120° special hinge

#### CLIP top centre hinge




F Min. gap 1.5 mm
* 37 mm for cruciform mounting plates (37/32)

#### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |

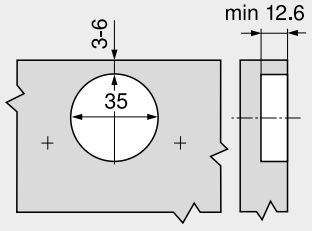
MD Mounting plate spacing (mm)

#### Drilling distance TB

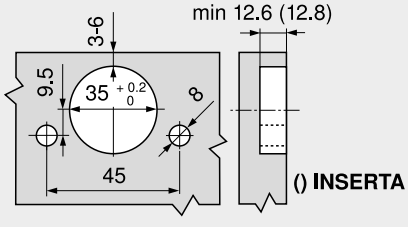
| MD | Horizontal gap between fronts F (mm) | | | |
|---|---|---|---|---|
| | 3 | 4 | 5 | 6 |
| 0 | 6 | 5 | 4 | 3 |
| 3 | | | | |
| 6 | | | | |
| 9 | | | | |

MD Mounting plate spacing (mm)

#### Screw-on




#### INSERTA | EXPANDO



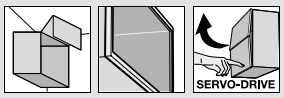

#### Page instructions


| | |
|---|---|
| Overview – AVENTOS HF | 41 |
| Order specification – wooden fronts and wide alu frames | 42 |
| Planning – Blum distance bumper | 51 |
| Planning – SERVO-DRIVE switch | 51 |
| **Assembly, removal and adjustment** | |


Short-URL
www.blum.com/a110

# Lift systems

## ► AVENTOS HF – bi-fold lift system
## ►► Standard | SERVO-DRIVE




## Narrow alu frames

Webcode DQD9NY



- Ideal for wall cabinets with divided fronts
- Cabinet height KH 480–1040 mm
- Cabinet width KB up to 1800 mm
- Silent and effortless closing, thanks to **BLUMOTION**
- Light operating forces
- Variable stop
- Tool-free assembly
- 3-dimensional adjustment of both fronts
- Simple, infinitely variable lift mechanism
- Centre hinge with finger safety feature

**Power factor LF**
Cabinet height KH (mm) x combined weight of both fronts and handle (kg)

**Theoret. cabinet height TKH**
Front height top FHo (mm) x 2 + gaps

We recommend the more powerful lift mechanism for overlapping areas.

☐ **Standard**
■ **SERVO-DRIVE**

## Order information

### 1 ☐■ Lift mechanism set



| Power factor LF | Part no. |
|---|---|
| 2600–5500 (1 pc LF 960–2650) | 20F2200.05 |
| 5350–10150 | 20F2500.05 |
| 9000–17250 | 20F2800.05 |

**Composed of:**
1 2 x Lift mechanism (symmetrical)
– 8 x Chipboard screws Ø 4 x 35 mm

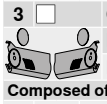
### 2 ☐■ Telescopic arm set



| Cabinet height KH (mm) [1] | Part no. |
|---|---|
| 480–570 | 20F3200.01 |
| 560–710 | 20F3500.01 |
| 700–900 | 20F3800.01 |
| 760–1040 | 20F3900.01 |

**Composed of:**
2 2 x Telescopic arm (symmetrical)
[1] Theoretical cabinet height TKH for asymmetrical fronts

### 3 ☐ Cover cap set



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 20F8000 |

**Composed of:**
3a 1 x Cover cap large left
3b 1 x Cover cap large right
3c 2 x Cover cap round

### 3 ■ Cover cap set for SERVO-DRIVE



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 21F8000 |

**Composed of:**
3a 1 x SERVO-DRIVE cover plate left
3b 1 x Cover cap large right
3c 2 x Cover cap round
3d 2 x SERVO-DRIVE switch
3e 6 x Blum distance bumper, Ø 5 mm

### 4 ☐■ CLIP adapter plate for telescopic arms



| Version | Spacing (mm) | Part no. |
|---|---|---|
| Left \| right | 0 | 175H5B00 |

### 6 ■ SERVO-DRIVE set



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | 21FA000 |

**Composed of:**
6a 1 x Drive unit
6b 1 x Distribution cable, 1500 mm
6c 1 x Connecting node
6d 2 x Cable end protector
For three lift mechanisms or more, we recommend two synchronised drive units

### 7 ■ Blum transformer 24 W



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| A | DE, EN, FR, IT, NL | E | CS, HU, PL, SK |
| B | DA, EN, FI, NO, SV | F | BG, ET, LT, LV, RO, RU |
| C | EL, EN, HR, SL, SR, TR | G | EN, ES, FR |
| D | EN, ES, FR, IT, PT | H | EN, ZH |

Language descriptions as per ISO-639

### 8 ■ Transformer unit housing



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

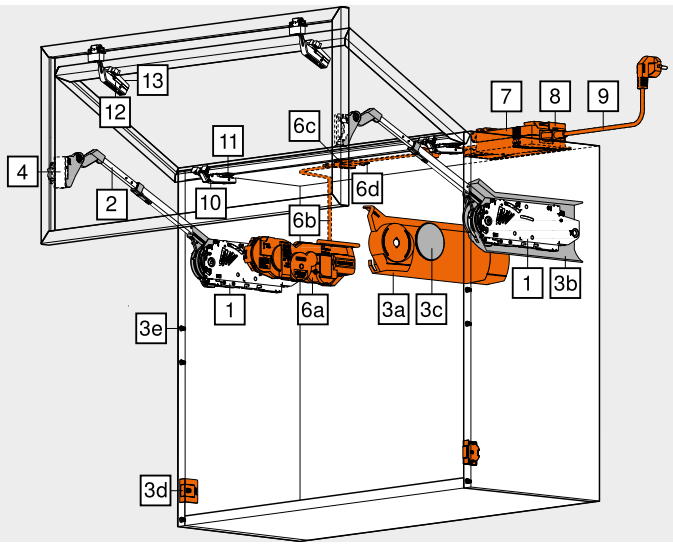
For Blum transformer 24 W

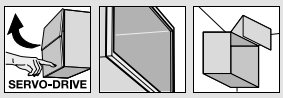
### 9 ■ Flex



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug






## Narrow alu frames

Webcode DQD9NY

### Order information

**Alternative to 7, 8, 9**

**– Blum plug-in transformer 12 W**

**Only suitable for one drive unit**



| Network adapter | Language package | Part no. | Network adapter | Language package | Part no. |
|---|---|---|---|---|---|
| E | A | ☎ Z10NA30EAF | E | F | ☎ Z10NA30EFF |
| E | B | ☎ Z10NA30EBF | B | A | ☎ Z10NA30BAF |
| E | C | ☎ Z10NA30ECF | K | D | ☎ Z10NA30KDF |
| E | D | ☎ Z10NA30EDF | U | G | ☎ Z10NA30UGF |
| E | E | ☎ Z10NA30EEF | | | |

**Network adapter** [1]

E  B  K  U 

**Composed of:**

– 1 x Blum plug-in transformer 12 W

Incl. cable, 1120 mm (with distribution cable extendible to max. 2000 mm)

Other combinations available upon request

[1] See the Information chapter for a detailed market list

**10 CLIP top 120° aluminium frame door hinge**



| Boss | Spring | Part no. |
|---|---|---|
| Screw-on | Unsprung | 72T550A.TL |

3 hinges starting at cabinet width KB 1200 mm and/or 12 kg front weight

4 hinges with cabinet width KB 1800 mm and/or 20 kg front weight

**11 Mounting plate for CLIP top 120° hinge**

**Recommendation**



| Fixing method | Spacing (mm) | Part no. |
|---|---|---|
| Screw-on | 0 | 175H3100 |
| EXPANDO | 0 | 177H3100E |
| Knock-in | 0 | 177H3100 |

Standard mounting plates, distance depends on the top gap

**12 CLIP top aluminium centre hinge**



| Boss | Spring | Part no. |
|---|---|---|
| Screw-on | Unsprung | 78Z550AT |

3 hinges starting at cabinet width KB 1200 mm and/or 12 kg front weight

4 hinges with cabinet width KB 1800 mm and/or 20 kg front weight

**13 CLIP adapter plate for centre hinges**



| Version | Spacing (mm) | Part no. |
|---|---|---|
| Symmetrical | 0 | 175H5A00 |

### a Accessories

**– Opening angle stop**



| Opening angle | Colour | Part no. |
|---|---|---|
| 104° | TGR | 20F7051 |
| 83° | R7037 | 20F7011 |

**– Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**

**6b** 1 x Distribution cable

**6d** 5 x Cable end protector

Can be used as a distribution cable

For cutting to size

**– Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**

**6c** 1 x Connecting node

**6d** 2 x Cable end protector

Tool-free assembly

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| HGR | Light grey | WGR | White grey |
| SW | Silk white | S | Black |
| TGR | Dark grey | W | White |
| R7037 | RAL 7037 dust grey | | |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AVENTOS HF | 41 | Planning – SERVO-DRIVE switch | 51 | **Assembly, removal and adjustment** | |
| Accessories – hinge set | 50 | SERVO-DRIVE uno – market list | 706 | | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – general | 88 | Reference values for door weights | 692 | Short-URL | |
| Planning – symmetrical | 48 | More technical details | 686 | www.blum.com/a110 | |
| Planning – asymmetrical | 49 | | | | |
| Planning – Blum distance bumper | 51 | | | | |

# Lift systems

► AVENTOS HF – bi-fold lift system
►► Standard | SERVO-DRIVE

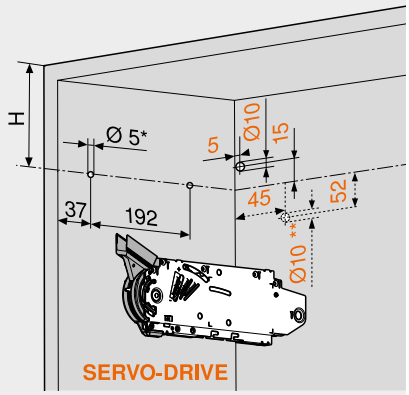



## Narrow alu frames

Webcode DQD9NY

### Planning – symmetrical

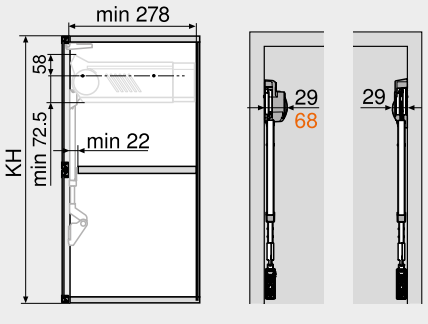
#### Drilling position



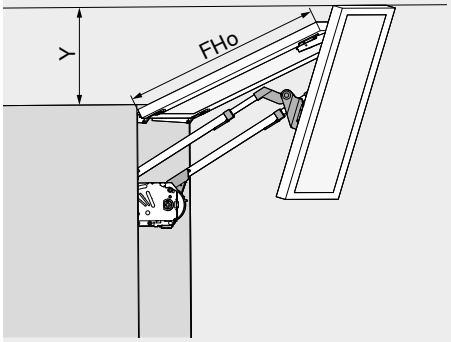

| Cabinet height KH (mm) | H (mm) |
|---|---|
| 480–549 | KH x 0.3 – 28 |
| 550–1040 | KH x 0.3 – 57 |

4 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
* Drilling depth 5 mm
** Alternative drilling

#### Space requirement



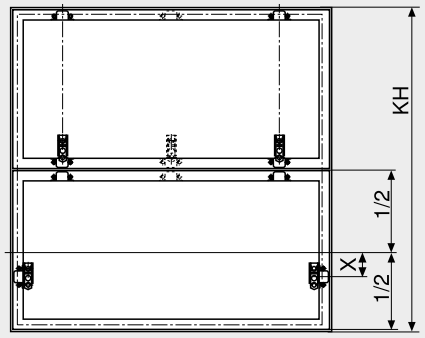

KH Cabinet height




| Opening angle stop | Y (mm) |
|---|---|
| Without | FHo x 0.44 + 38 |
| 104° | FHo x 0.24 + 34 |
| 83° | 0 |

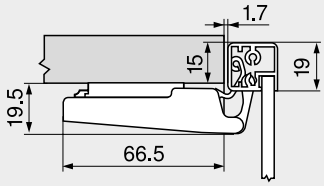
FHo Upper front height

#### Front assembly

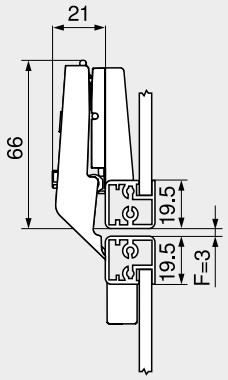



| Cabinet height KH (mm) | X (mm) |
|---|---|
| 480–549 | 54 |
| 550–1040 | 31 |

#### CLIP top 120° aluminium frame door hinge

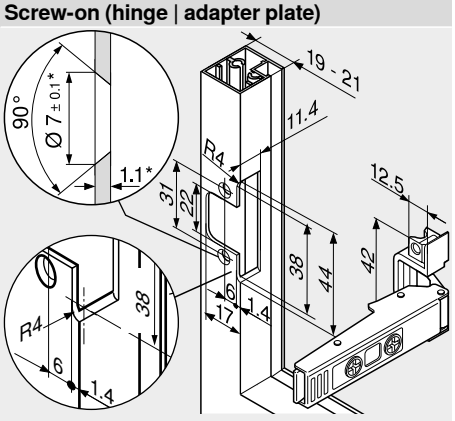



#### CLIP top aluminium centre hinge

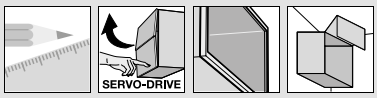



F Min. gap 1.5 mm
The gap needs to be adjusted for frame thicknesses over 20.5 mm

#### Screw-on (hinge | adapter plate)




* When changing material thickness, adjust the assembly dimensions accordingly

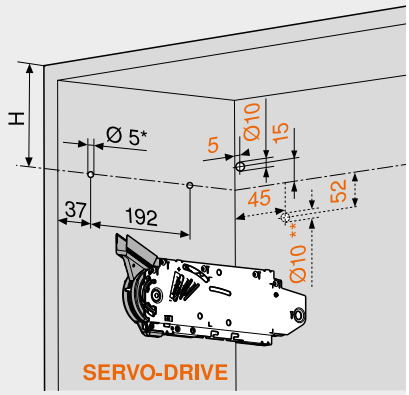



## Narrow alu frames

Webcode
DQD9NY

### Planning – asymmetrical

#### Drilling position

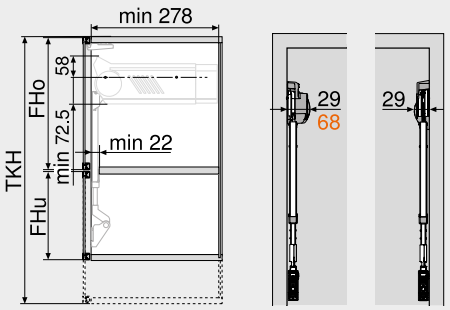



| Theoret. cabinet height TKH (mm) | H (mm) |
|---|---|
| 480–549 | TKH x 0.3 – 28 |
| 550–1040 | TKH x 0.3 – 57 |

4 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only

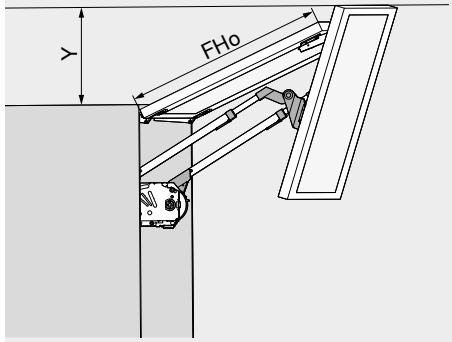
* Drilling depth 5 mm
** Alternative drilling

#### Space requirement




TKH = FHo (mm) x 2 + gaps

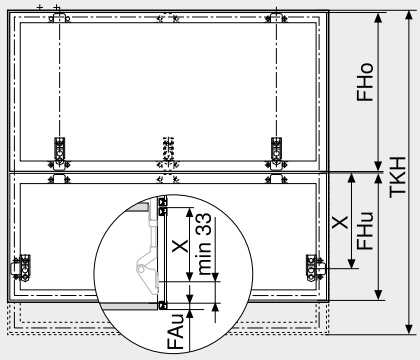
| | |
|---|---|
| TKH | Theoretical cabinet height |
| KH | Cabinet height |
| FHo | Upper front height |
| FHu | Lower front height |




| Opening angle stop | Y (mm) |
|---|---|
| Without | FHo x 0.44 + 38 |
| 104° | FHo x 0.24 + 34 |
| 83° | 0 |

FHo Upper front height
The larger front must be at the top!

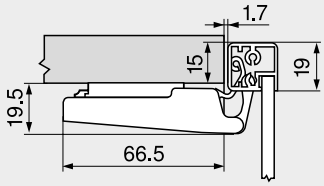
#### Front assembly



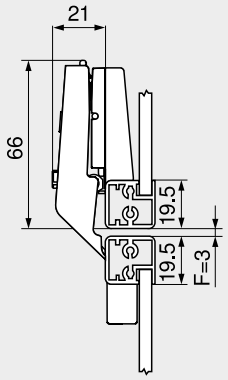

| Theoret. cabinet height TKH (mm) | X (mm) |
|---|---|
| 480–549 | FHo / 2 + 54 |
| 550–1040 | FHo / 2 + 31 |

| | |
|---|---|
| FHo | Upper front height |
| FHu | Lower front height |
| FAu | Bottom front overlay |

#### CLIP top 120° aluminium frame door hinge

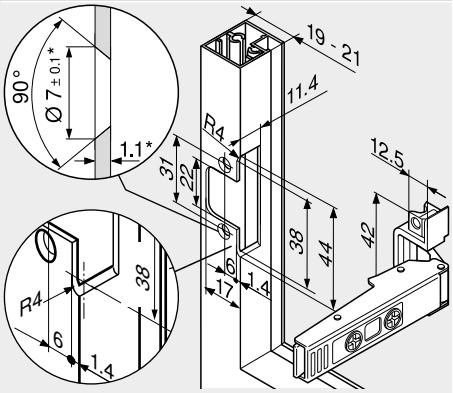



#### CLIP top aluminium centre hinge




F Min. gap 1.5 mm
The gap needs to be adjusted for frame thicknesses over 20.5 mm

#### Screw-on (hinge | adapter plate)




* When changing material thickness, adjust the assembly dimensions accordingly

#### Page instructions


| | |
|---|---|
| Overview – AVENTOS HF | 41 |
| Order specification – narrow alu frames | 46 |
| Planning – Blum distance bumper | 51 |
| Planning – SERVO-DRIVE switch | 51 |
| **Assembly, removal and adjustment** | |


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# Lift systems

► AVENTOS HF – bi-fold lift system
►► Accessories

## Hinge set – wooden fronts



- Hinge-set

**Order information**

| Fixing method | Part no. |
|---|---|
| INSERTA \| Knock-in \| EXPANDO | ☎ 78Z5530T11 |

**Composed of:**

| | |
|---|---|
| 2 x | CLIP top 120° hinge unsprung<br>70T5590BTL |
| 2 x | CLIP top centre hinge without spring<br>78Z5530T |
| 6 x | Horizontal cam mounting plate<br>177H3100 |

## Hinge set – wooden fronts and wide aluminium frames



- Hinge-set

**Order information**

| Fixing method | Part no. |
|---|---|
| Screw-on [1] | ☎ 78Z5500T12 |

**Composed of:**

| | |
|---|---|
| 2 x | CLIP top 120° hinge unsprung<br>70T5550.TL |
| 2 x | CLIP top centre hinge without spring<br>78Z5500T |
| 6 x | Horizontal cam mounting plate<br>175H3100 |
| [1] | Use chipboard screws (609.1x00) for wooden fronts |
| [1] | Use counter sunk self tapping screws (660.0950) for wide alu frames |

## Hinge set – narrow aluminium frames



- Hinge-set

**Order information**

| Fixing method | Part no. |
|---|---|
| Screw-on | ☎ 78Z550AT11 |

**Composed of:**

| | |
|---|---|
| 2 x | CLIP top 120° aluminium frame hinge without spring<br>72T550A.TL |
| 2 x | CLIP top alu centre hinge without spring<br>78Z550AT |
| 2 x | Horizontal cam mounting plate<br>175H5400 |
| 2 x | CLIP adapter plate symmetric<br>175H5A00 |
| 2 x | CLIP adapter plate left/right<br>175H5B00 |

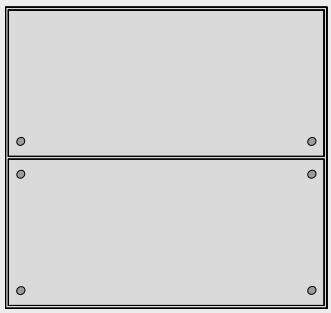




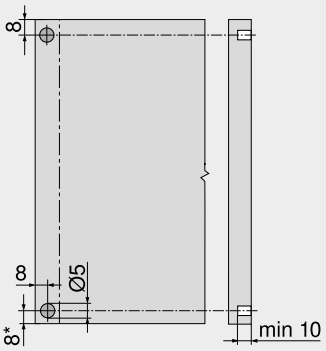



## Planning

### Blum distance bumper (SERVO-DRIVE application only)



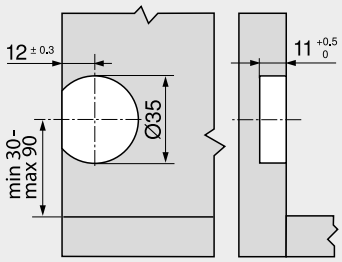
Insert Blum distance bumper (do not glue)




**Recommendation for aluminium frames:**
Consider drilling for the Blum distance bumper in the cabinet side. A trial application must be carried out when fixing to the front

* From cabinet front edge for fronts that protrude below

### SERVO-DRIVE switch




### Page instructions

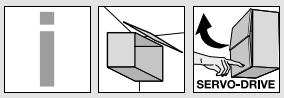

| | |
|---|---|
| Overview – AVENTOS HF | 41 |
| Order specification – wooden fronts and wide alu frames | 42 |
| Order specification – narrow alu frames | 46 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a110**

# Lift systems

## ► AVENTOS HS – up and over lift system




### Can an up & over lift system close more smoothly?




With AVENTOS HS, the single front swings over the cabinet and is therefore ideal for large fronts. The up and over lift system is also the perfect choice for cabinets with cornices.

- Silent and effortless closing, thanks to **BLUMOTION**
- Easy to open
- Stops at any opening position
- Provides excellent access to the cabinet interior
- Suitable for wall cabinets with cornice or crown moulding
- Small programme, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS, the electrical motion support system for wall cabinets

### Opening and closing – easy and comfortable





AVENTOS HS provides ease of use that inspires. Even heavy fronts are easy to open thanks to the light operating forces. The variable stop ensures that the front always remains in the desired position





Thanks to the integrated BLUMOTION, both heavy and light fronts close silently and effortlessly

### Other advantages that will inspire both you and your customers



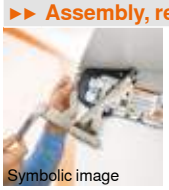
**Excellent durability**
The core element of the lift mechanism is a robust spring package. The result: excellent durability



**No protruding parts**
Removable lever arm – an advantage for furniture manufacturing and kitchen installation



**Cornice and crown moulding**
You can easily combine cabinets with cornice or crown moulding with AVENTOS HS. This provides more design freedom for kitchen planning

| Applications | Webcode | Page |
|---|---|---|
| **►► Standard \| SERVO-DRIVE** | | |
|  Wooden fronts, wide and narrow alu frames | DQDADA | 54 |
| **►► Accessories** | | |
|  Symbolic image | | |
| Screws | | 88 |
| Centre bit | | 88 |
| Door buffer | | 88 |
| Screwdriver | | 89 |
| Cross slot bit | | 89 |
| **►► Assembly, removal and adjustment** | | |
|  Symbolic image | | |
| **Assembly, removal and adjustment** | | |
| Short-URL | | |
| www.blum.com/a120 | | |

## Machine directive

Furniture with SERVO-DRIVE for AVENTOS, as long as it is intended for domestic use, is not subject to the provisions of the Machine Directive 2006/42/EC. This is valid for items for office and professional use and for putting a machine on the market within the Euro. Economic Area (EEA + Switzerland + Turkey).
The standards and/or guidelines of other countries are covered with our TÜV certification.

**Detailed information on the Machine Directive**

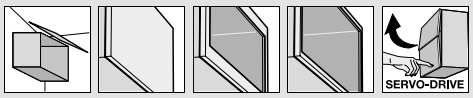
Short-URL
www.blum.com/sd/guideline

## Pictograph

- Item Available Upon Request
- General Information
- Accessories
- AVENTOS HS – up and over lift system
- Wooden front
- Wide alu front
- Narrow alu front
- SERVO-DRIVE for AVENTOS
- Planning

# Lift systems

## ► AVENTOS HS – up and over lift system
## ►► Standard | SERVO-DRIVE




## Wooden fronts, wide and narrow alu frames

Webcode
DQDADA



- Ideal for large-area, single fronts
- Cabinet height KH 350–800 mm
- Cabinet width KB up to 1800 mm
- Silent and effortless closing, thanks to **BLUMOTION**
- Light operating forces
- Perfect motion with a variable stop
- Tool-free assembly
- 3-dimensional front adjustment
- Simple, infinitely variable lift mechanism

**Lift mechanism**

In order to select the correct lift mechanism, it is necessary to establish both the cabinet height and the weight of the front (including the handle)

**Example**

Cabinet height KH = 600 mm
Weight of front = 10 kg
Lift mechanism selection = 20S2E00.05
KH = 602 mm –> 600 mm
KH = 603 mm –> 605 mm
We recommend the more powerful lift mechanism for overlapping areas.

☐ **Standard**
■ **SERVO-DRIVE**

## Order information

**1 ☐ ■ Lift mechanism set**

### Cabinet height KH 350–525 mm

| | 20S2A00.05 | 20S2B00.05 | 20S2C00.05 | | 20S2A00.05 | 20S2B00.05 | 20S2C00.05 |
|---|---|---|---|---|---|---|---|
| KH (mm) | Weight of front incl. handle (kg) | | | KH (mm) | Weight of front incl. handle (kg) | | |
| 350 | 2.00–5.00 | 4.50–9.50 | 9.25–10.50 | 440 | 2.25–4.50 | 4.25–8.50 | 8.25–13.00 |
| 355 | 2.00–4.75 | 4.50–9.50 | 9.25–10.50 | 445 | 2.25–4.50 | 4.25–8.50 | 8.25–13.25 |
| 360 | 2.00–4.75 | 4.50–9.50 | 9.25–10.75 | 450 | 2.25–4.25 | 4.00–8.50 | 8.25–13.50 |
| 365 | 2.00–4.75 | 4.50–9.25 | 9.00–11.00 | 455 | 2.25–4.25 | 4.00–8.50 | 8.25–13.50 |
| 370 | 2.00–4.75 | 4.50–9.25 | 9.00–11.00 | 460 | 2.25–4.25 | 4.00–8.25 | 8.00–13.75 |
| 375 | 2.00–4.75 | 4.50–9.25 | 9.00–11.25 | 465 | 2.25–4.25 | 4.00–8.25 | 8.00–13.75 |
| 380 | 2.00–4.75 | 4.50–9.25 | 9.00–11.25 | 470 | 2.50–4.25 | 4.00–8.25 | 8.00–14.00 |
| 385 | 2.00–4.75 | 4.50–9.25 | 9.00–11.50 | 475 | 2.50–4.25 | 3.75–8.00 | 7.75–14.00 |
| 390 | 2.00–4.75 | 4.50–9.00 | 8.75–11.50 | 480 | 2.50–4.25 | 3.75–8.00 | 7.75–14.25 |
| 395 | 2.00–4.75 | 4.50–9.00 | 8.75–11.75 | 485 | 2.50–4.25 | 3.75–8.00 | 7.75–14.25 |
| 400 | 2.00–4.75 | 4.25–9.00 | 8.75–12.00 | 490 | 2.50–4.25 | 3.75–8.00 | 7.75–14.50 |
| 405 | 2.25–4.50 | 4.25–9.00 | 8.75–12.00 | 495 | 2.50–4.25 | 3.75–7.75 | 7.50–14.50 |
| 410 | 2.25–4.50 | 4.25–9.00 | 8.75–12.25 | 500 | 2.50–4.25 | 3.50–7.75 | 7.50–14.75 |
| 415 | 2.25–4.50 | 4.25–8.75 | 8.50–12.50 | 505 | 2.50–4.00 | 3.50–7.75 | 7.50–14.75 |
| 420 | 2.25–4.50 | 4.25–8.75 | 8.50–12.50 | 510 | 2.50–4.00 | 3.50–7.75 | 7.50–14.75 |
| 425 | 2.25–4.50 | 4.25–8.75 | 8.50–12.75 | 515 | 2.50–4.00 | 3.50–7.50 | 7.25–14.75 |
| 430 | 2.25–4.50 | 4.25–8.75 | 8.50–12.75 | 520 | 2.50–4.00 | 3.50–7.50 | 7.25–15.00 |
| 435 | 2.25–4.50 | 4.25–8.75 | 8.50–13.00 | 525 | 2.50–4.00 | 3.25–7.50 | 7.25–15.00 |

### Cabinet height KH 526–675 mm

| | 20S2D00.05 | 20S2E00.05 | 20S2F00.05 | | 20S2D00.05 | 20S2E00.05 | 20S2F00.05 |
|---|---|---|---|---|---|---|---|
| KH (mm) | Weight of front incl. handle (kg) | | | KH (mm) | Weight of front incl. handle (kg) | | |
| 526 | 3.00–6.75 | 6.25–13.00 | 12.00–16.50 | 605 | 3.00–6.00 | 5.50–11.75 | 10.50–18.50 |
| 530 | 3.00–6.75 | 6.25–12.75 | 11.75–16.75 | 610 | 3.00–6.00 | 5.50–11.75 | 10.50–18.50 |
| 535 | 3.00–6.75 | 6.25–12.75 | 11.75–16.75 | 615 | 3.00–5.75 | 5.50–11.50 | 10.25–18.75 |
| 540 | 3.00–6.50 | 6.00–12.75 | 11.75–17.00 | 620 | 3.00–5.75 | 5.50–11.50 | 10.25–18.75 |
| 545 | 3.00–6.50 | 6.00–12.50 | 11.50–17.25 | 625 | 3.00–5.75 | 5.50–11.50 | 10.25–18.75 |
| 550 | 3.00–6.50 | 6.00–12.50 | 11.50–17.25 | 630 | 3.00–5.75 | 5.50–11.50 | 10.25–18.75 |
| 555 | 3.00–6.50 | 6.00–12.50 | 11.50–17.50 | 635 | 3.00–5.50 | 5.25–11.50 | 10.25–18.75 |
| 560 | 3.00–6.50 | 6.00–12.25 | 11.25–17.50 | 640 | 3.00–5.50 | 5.25–11.25 | 10.00–18.75 |
| 565 | 3.00–6.25 | 5.75–12.25 | 11.25–17.75 | 645 | 3.00–5.50 | 5.25–11.25 | 10.00–18.75 |
| 570 | 3.00–6.25 | 5.75–12.25 | 11.25–17.75 | 650 | 3.00–5.50 | 5.25–11.25 | 10.00–19.00 |
| 575 | 3.00–6.25 | 5.75–12.00 | 11.00–18.00 | 655 | 3.00–5.50 | 5.25–11.25 | 10.00–19.00 |
| 580 | 3.00–6.25 | 5.75–12.00 | 11.00–18.00 | 660 | 3.00–5.50 | 5.25–11.25 | 10.00–19.00 |
| 585 | 3.00–6.25 | 5.75–12.00 | 10.75–18.25 | 665 | 3.00–5.25 | 5.00–11.00 | 09.75–19.00 |
| 590 | 3.00–6.00 | 5.50–12.00 | 10.75–18.25 | 670 | 3.00–5.25 | 5.00–11.00 | 09.75–19.00 |
| 595 | 3.00–6.00 | 5.50–11.75 | 10.50–18.50 | 675 | 3.00–5.25 | 5.00–11.00 | 09.75–19.00 |
| 600 | 3.00–6.00 | 5.50–11.75 | 10.50–18.50 | | | | |

### Cabinet height KH 676–800 mm

| | 20S2G00.05 | 20S2H00.05 | 20S2I00.05 | | 20S2G00.05 | 20S2H00.05 | 20S2I00.05 |
|---|---|---|---|---|---|---|---|
| KH (mm) | Weight of front incl. handle (kg) | | | KH (mm) | Weight of front incl. handle (kg) | | |
| 676 | 3.50–8.00 | 7.00–13.50 | 13.00–21.50 | 740 | 3.50–7.25 | 6.50–12.75 | 11.75–20.75 |
| 680 | 3.50–8.00 | 7.00–13.50 | 13.00–21.50 | 745 | 3.50–7.25 | 6.50–12.75 | 11.50–20.50 |
| 685 | 3.50–8.00 | 7.00–13.25 | 12.75–21.50 | 750 | 3.50–7.25 | 6.50–12.75 | 11.50–20.50 |
| 690 | 3.50–7.75 | 6.75–13.25 | 12.75–21.50 | 755 | 3.75–7.25 | 6.50–12.75 | 11.25–20.50 |
| 695 | 3.50–7.75 | 6.75–13.25 | 12.50–21.50 | 760 | 3.75–7.25 | 6.50–12.75 | 11.25–20.25 |
| 700 | 3.50–7.75 | 6.75–13.25 | 12.50–21.50 | 765 | 3.75–7.25 | 6.50–12.50 | 11.00–20.25 |
| 705 | 3.50–7.75 | 6.75–13.25 | 12.25–21.50 | 770 | 3.75–7.00 | 6.25–12.50 | 11.00–20.25 |
| 710 | 3.50–7.75 | 6.75–13.25 | 12.25–21.25 | 775 | 3.75–7.00 | 6.25–12.50 | 11.00–20.25 |
| 715 | 3.50–7.50 | 6.75–13.00 | 12.00–21.25 | 780 | 4.00–7.00 | 6.25–12.50 | 10.75–20.25 |
| 720 | 3.50–7.50 | 6.75–13.00 | 12.00–21.25 | 785 | 4.00–7.00 | 6.25–12.50 | 10.75–20.00 |
| 725 | 3.50–7.50 | 6.75–13.00 | 12.00–21.00 | 790 | 4.00–7.00 | 6.00–12.25 | 10.75–20.00 |
| 730 | 3.50–7.50 | 6.75–13.00 | 11.75–21.00 | 795 | 4.00–7.00 | 6.00–12.25 | 10.50–20.00 |
| 735 | 3.50–7.50 | 6.50–13.00 | 11.75–20.75 | 800 | 4.00–7.00 | 6.00–12.25 | 10.50–20.00 |

**Composed of:**

| | |
|---|---|
| **1** | 2 x Lift mechanism (symmetrical) |
| – | 10 x Chipboard screws Ø 4 x 35 mm |
| KH | Cabinet height |

**2 ☐ Lever arm set**



| Material | Colour | Part no. |
|---|---|---|
| Steel | NI | 20S3500.06 |

**Composed of:**

| | |
|---|---|
| **2a** | 1 x Lever arm left |
| **2b** | 1 x Lever arm right |
| **2c** | 2 x Cross stabiliser cover cap |

**2 ■ Lever arm set for SERVO-DRIVE**



| Material | Colour | Part no. |
|---|---|---|
| Steel | NI | 21S3500.01 |

**Composed of:**

| | |
|---|---|
| **2a** | 1 x SERVO-DRIVE lever arm left |
| **2b** | 1 x SERVO-DRIVE lever arm right |
| **2c** | 2 x Cross stabiliser cover cap |

**3 ☐ Cover cap set**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 20S8000 |

**Composed of:**

| | |
|---|---|
| **3a** | 1 x Cover cap large left |
| **3b** | 1 x Cover cap large right |
| **3c** | 2 x Cover cap round |

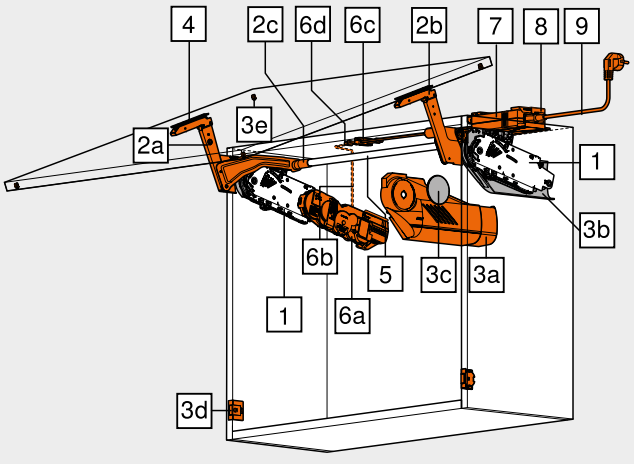
**3 ■ Cover cap set for SERVO-DRIVE**

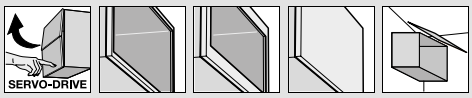


| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 21S8000 |

**Composed of:**

| | |
|---|---|
| **3a** | 1 x SERVO-DRIVE cover plate left |
| **3b** | 1 x Cover cap large right |
| **3c** | 2 x Cover cap round |
| **3d** | 2 x SERVO-DRIVE switch |
| **3e** | 4 x Blum distance bumper, Ø 5 mm |








## Wooden fronts, wide and narrow alu frames

Webcode DQDADA

### Order information

**4 Front fixing bracket set**



| Version | | Part no. |
|---|---|---|
| Wooden fronts and wide alu frames | 1 | 20S4200 |
| Narrow alu frames | | 20S4200A |

1 Use 4 chipboard screws (609.1x00) per side for wooden fronts
1 Use 4 counter sunk self tapping screws (660.0950) per side for wide alu frames

**4 Front fixing bracket**



| Version | Part no. |
|---|---|
| Thin fronts | 20S42T1 |

EXPANDO T suitable for thin fronts – see page instructions

**5 Cross stabiliser rod round**



| Length (mm) | Diameter (mm) | Part no. |
|---|---|---|
| 1061 | Ø 16 | 20Q1061UN |

For cutting to size
Cutting
☐ Internal cabinet width LW – 129 mm
■ Internal cabinet width LW – 164 mm

**– Connecting piece set for cross stabiliser**

**Internal cabinet width LW 1190 mm and higher**



| Material | Diameter (mm) | Part no. |
|---|---|---|
| Aluminium | Ø 16 | 20Q153ZN |

Composed of:
– 1 x Connecting piece
– 1 x Fixing
– 2 x Cross stabiliser cover cap
Cutting for 5
☐ Internal cabinet width LW / 2 – 147 mm
■ Internal cabinet width LW / 2 – 165 mm

**6 SERVO-DRIVE set**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | 21FA000 |

Composed of:
6a 1 x Drive unit
6b 1 x Distribution cable, 1500 mm
6c 1 x Connecting node
6d 2 x Cable end protector
We recommend one SERVO-DRIVE drive unit per set for connected fronts.

**7 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex
Language package
A DE, EN, FR, IT, NL
B DA, EN, FI, NO, SV
C EL, EN, HR, SL, SR, TR
D EN, ES, FR, IT, PT
E CS, HU, PL, SK
F BG, ET, LT, LV, RO, RU
G EN, ES, FR
H EN, ZH
Language descriptions as per ISO-639

**8 Transformer unit housing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

**9 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe 1 | Z10M200E.OS |

1 Without plug

**Alternative to 7, 8, 9**

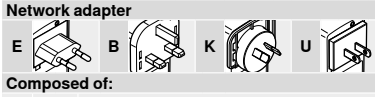
**– Blum plug-in transformer 12 W**

**Only suitable for one drive unit**



| Network adapter | Language package | Part no. | Network adapter | Language package | Part no. |
|---|---|---|---|---|---|
| E | A | ☎ Z10NA30EAF | E | F | ☎ Z10NA30EFF |
| E | B | ☎ Z10NA30EBF | B | A | ☎ Z10NA30BAF |
| E | C | ☎ Z10NA30ECF | K | D | ☎ Z10NA30KDF |
| E | D | ☎ Z10NA30EDF | U | G | ☎ Z10NA30UGF |
| E | E | ☎ Z10NA30EEF | | | |

Network adapter 1




Composed of:
– 1 x Blum plug-in transformer 12 W
Incl. cable, 1120 mm (with distribution cable extendible to max. 2000 mm)
Other combinations available upon request
1 See the Information chapter for a detailed market list

### a Accessories

**– Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

Composed of:
6b 1 x Distribution cable
6d 5 x Cable end protector
Can be used as a distribution cable
For cutting to size

**– Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

Composed of:
6c 1 x Connecting node
6d 2 x Cable end protector
Tool-free assembly

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| HGR | Light grey | R7037 | RAL 7037 dust grey |
| SW | Silk white | WGR | White grey |
| TGR | Dark grey | S | Black |
| NI | Nickel plated | W | White |

### Page instructions

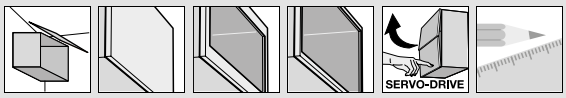

| | | | |
|---|---|---|---|
| Overview – AVENTOS HS | 53 | Planning – Blum distance bumper | 57 |
| Fixing system for thin fronts – EXPANDO T | 588 | Planning – SERVO-DRIVE switch | 57 |
| | | SERVO-DRIVE uno – market list | 706 |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Overview – assembly devices | 595 |
| | | Reference values for door weights | 692 |
| Accessories – general | 88 | More technical details | 686 |
| Planning | 56 | | |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a120

# Lift systems

► AVENTOS HS – up and over lift system
►► Standard | SERVO-DRIVE

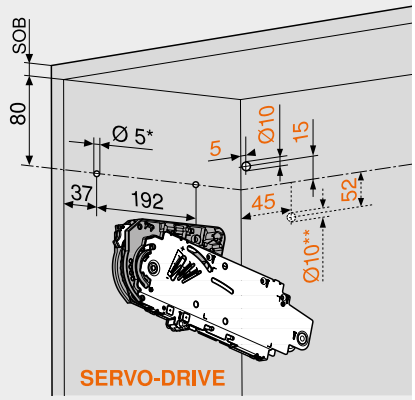



## Wooden fronts, wide and narrow alu frames

Webcode DQDADA

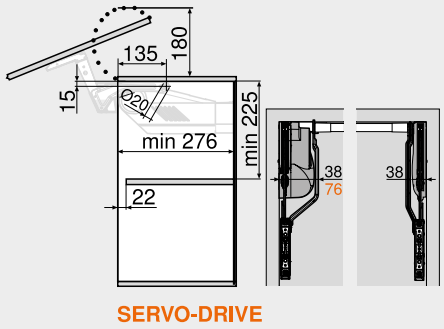
### Planning

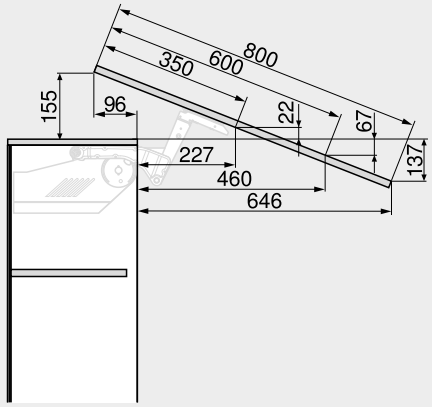
#### Drilling position




5 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
SOB Top panel thickness
* Drilling depth 5 mm
** Alternative drilling

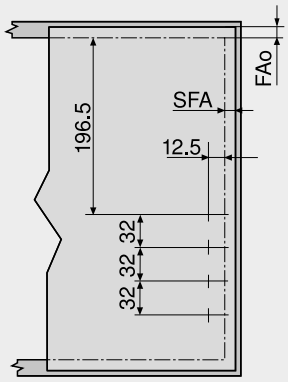
#### Space requirement



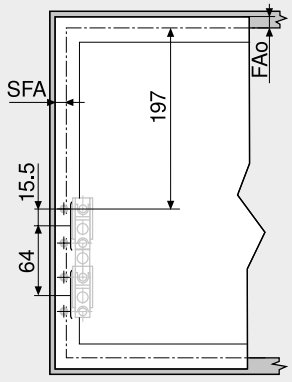

Dimensions depend on tilt adjustment

#### Front assembly – wooden fronts and wide alu frames



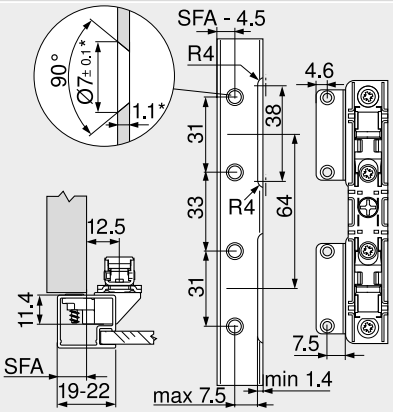

Use 4 chipboard screws (609.1x00) for wooden fronts
Use 4 counter sunk self tapping screws (660.0950) for wide alu frames
FAo Upper front overlay
SFA Front overlay of the side panel

#### Front assembly – narrow alu frames



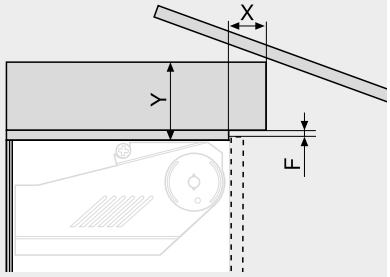

Wall application: min. gap required 5 mm
FAo Upper front overlay
SFA Front overlay of the side panel

#### Planning – narrow alu frames



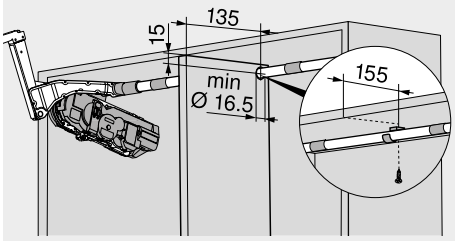

For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

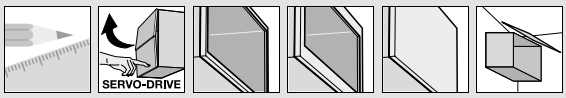
#### Space requirement – cornice | crown




| Gap F (mm) | X max. (mm) | Y max. (mm) |
|---|---|---|
| 3.0 | 35 | 101 |
| 2.0 | 31 | 101 |
| 1.5 | 28 | 101 |

#### Connecting piece







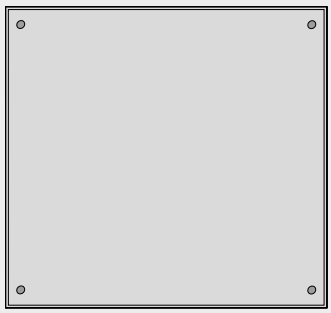



## Wooden fronts, wide and narrow alu frames

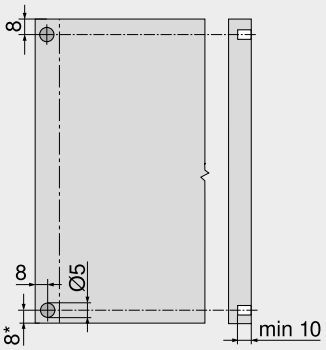
Webcode DQDADA

### Planning

#### Blum distance bumper (SERVO-DRIVE application only)



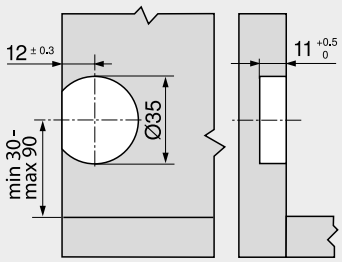
Insert Blum distance bumper (do not glue)




**Recommendation for aluminium frames:**
Consider drilling for the Blum distance bumper in the cabinet side. A trial application must be carried out when fixing to the front

* From cabinet front edge for fronts that protrude below

#### SERVO-DRIVE switch




### Page instructions

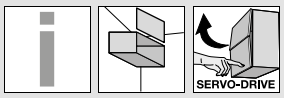

| | |
|---|---|
| Overview – AVENTOS HS | 53 |
| Order specification – wooden fronts, wide and narrow alu frames | 54 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a120

# Lift systems

## ► AVENTOS HL – lift up




### Smooth motion for the lift up




With AVENTOS HL, the front lifts up parallel to the cabinet front edge. This lift system is ideal for applications in high and wall cabinets with fronts above or in larder unit installations as well as recessed cabinets, e.g. to conceal electrical appliances.

- Silent and effortless closing, thanks to **BLUMOTION**
- Easy to open
- Stops at any opening position
- Provides excellent access to the cabinet interior
- Suitable for cabinets with cabinets above, as well as cornice and crown moulding
- Small programme, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS, the electrical motion support system for wall cabinets

### Opening and closing – easy and comfortable





Regardless of the weight and size, AVENTOS HL only requires light operating forces for easy opening and closing. The variable stop ensures that the front always remains in the desired position





Thanks to the integrated BLUMOTION, both heavy and light fronts close silently and effortlessly

### Other advantages that will inspire both you and your customers



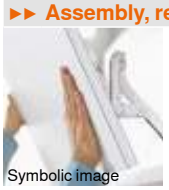
**Excellent durability**
The core element of the lift mechanism is a robust spring package. The result: excellent durability



**No protruding parts**
Removable lever arm – an advantage for furniture manufacturing and kitchen installation



**Cornice and crown moulding**
AVENTOS HL is suitable for cabinets with cabinets above, as well as those with cornice and crown moulding

| Applications | Webcode | Page |
|---|---|---|
| **►► Standard \| SERVO-DRIVE** | | |
|  Wooden fronts, wide and narrow alu frames | DQDB2M | 60 |
| **►► Accessories** | | |
|  Symbolic image | | |
| Screws | | 88 |
| Centre bit | | 88 |
| Door buffer | | 88 |
| Screwdriver | | 89 |
| Cross slot bit | | 89 |
| **►► Assembly, removal and adjustment** | | |
|  Symbolic image | | |
| **Assembly, removal and adjustment** | | |
| Short-URL | | |
| www.blum.com/a130 | | |

## Machine directive

Furniture with SERVO-DRIVE for AVENTOS, as long as it is intended for domestic use, is not subject to the provisions of the Machine Directive 2006/42/EC. This is valid for items for office and professional use and for putting a machine on the market within the Euro. Economic Area (EEA + Switzerland + Turkey).
The standards and/or guidelines of other countries are covered with our TÜV certification.

**Detailed information on the Machine Directive**

Short-URL
www.blum.com/sd/guideline

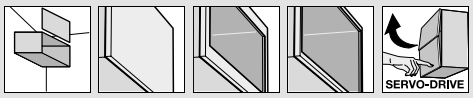
## Pictograph

- Item Available Upon Request
- General Information
- Accessories
- AVENTOS HL – lift up
- Wooden front
- Wide alu front
- Narrow alu front
- SERVO-DRIVE for AVENTOS
- Planning

# Lift systems

blum

## ► AVENTOS HL – lift up
## ►► Standard | SERVO-DRIVE




## Wooden fronts, wide and narrow alu frames

Webcode DQDB2M



- Well-suited to small-area, single fronts
- Cabinet height KH 300–580 mm
- Cabinet width KB up to 1800 mm
- Silent and effortless closing, thanks to **BLUMOTION**
- Light operating forces
- Perfect motion with a variable stop
- Tool-free assembly
- 3-dimensional front adjustment
- Simple, infinitely variable lift mechanism

**Lift mechanism**

In order to select the correct lift mechanism, it is necessary to establish both the cabinet height and the weight of the front (including the handle)

We recommend the more powerful lift mechanism for overlapping areas.

☐ **Standard**
■ **SERVO-DRIVE**

## Order information

**1 ☐ ■ Lift mechanism set**

| Weight of front incl. handle (kg) | Cabinet height KH (mm) 300–349 | 350–399 | 400–550 | 450–580 | Part no. |
|---|---|---|---|---|---|
| | Lever arm set | | | | |
| ☐ | 20L3200.06 | 20L3500.06 | 20L3800.06 | 20L3900.06 | |
| ■ | 21L3200.01 | 21L3500.01 | 21L3800.01 | 21L3900.01 | |
| | 1.25–4.25 | 1.25–2.50 | | | 20L2100.05 |
| | 3.50–7.25 | 1.75–5.00 | 1.75–3.50 | | 20L2300.05 |
| | 6.50–12.00 | 4.25–9.00 | 2.75–6.75 | 2.00–5.25 | 20L2500.05 |
| | 11.00–20.00 | 8.00–14.75 | 5.75–11.75 | 4.25–9.25 | 20L2700.05 |
| | | 13.50–20.00 | 10.50–20.00 | 8.25–16.50 | 20L2900.05 |

**Composed of:**
1 2 x Lift mechanism (symmetrical)
– 10 x Chipboard screws Ø 4 x 35 mm

**2 ☐ Lever arm set**

| Cabinet height KH (mm) | Part no. |
|---|---|
| 300–349 | 20L3200.06 |
| 350–399 | 20L3500.06 |
| 400–550 | 20L3800.06 |
| 450–580 | 20L3900.06 |

**Composed of:**
2a 1 x Lever arm left
2b 1 x Lever arm right
2c 2 x Cross stabiliser cover cap oval

**3 ☐ Cover cap set**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 20L8000.01 |

**Composed of:**
3a 1 x Cover cap large left
3b 1 x Cover cap large right
3c 2 x Cover cap round

**2 ■ Lever arm set for SERVO-DRIVE**

| Cabinet height KH (mm) | Part no. |
|---|---|
| 300–349 | 21L3200.01 |
| 350–399 | 21L3500.01 |
| 400–550 | 21L3800.01 |
| 450–580 | 21L3900.01 |

**Composed of:**
2a 1 x SERVO-DRIVE lever arm left
2b 1 x Lever arm right
2c 2 x Cross stabiliser cover cap oval

**3 ■ Cover cap set for SERVO-DRIVE**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 21L8000 |

**Composed of:**
3a 1 x SERVO-DRIVE cover plate left
3b 1 x Cover cap large right
3c 2 x Cover cap round
3d 2 x SERVO-DRIVE switch
3e 4 x Blum distance bumper, Ø 5 mm

**4 ☐ ■ Front fixing bracket set**

| Version | Part no. |
|---|---|
| Wooden fronts and wide alu frames [1] | 20S4200 |
| Narrow alu frames | 20S4200A |

[1] Use 4 chipboard screws (609.1x00) per side for wooden fronts
[1] Use 4 counter sunk self tapping screws (660.0950) per side for wide alu frames

**4 ☐ ■ Front fixing bracket**

| Version | Part no. |
|---|---|
| Thin fronts | 20S42T1 |

EXPANDO T suitable for thin fronts – see page instructions

**5 ☐ ■ Cross stabiliser rod oval**

| Length (mm) | Version | Part no. |
|---|---|---|
| 1061 | Oval | 20Q1061UA |

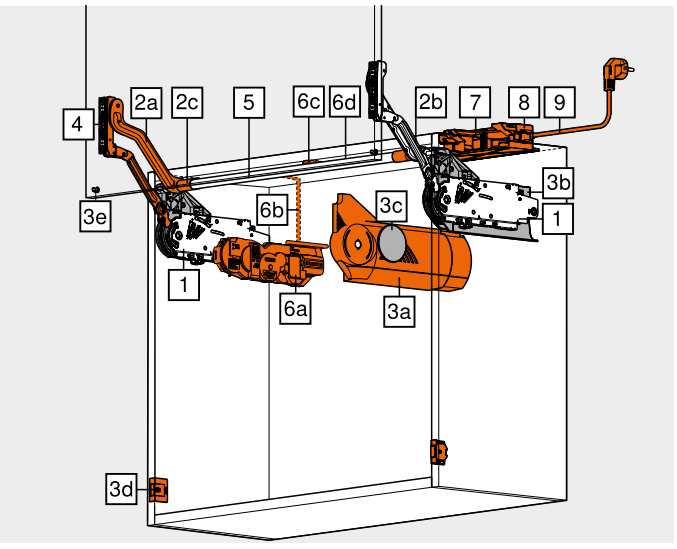
For cutting to size
**Cutting**
☐ Internal cabinet width LW – 129 mm
■ Internal cabinet width LW – 164 mm

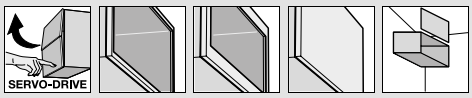
**– ☐ ■ Connecting piece set for cross stabiliser**

| Material | Diameter (mm) | Part no. |
|---|---|---|
| Aluminium | Ø 16 | 20Q153ZA |

**Composed of:**
– 1 x Connecting piece
– 1 x Fixing
– 2 x Cross stabiliser cover cap

Internal cabinet width LW 1190 mm and higher
**Cutting for 5**
☐ Internal cabinet width LW / 2 – 147 mm
■ Internal cabinet width LW / 2 – 165 mm






## Wooden fronts, wide and narrow alu frames

Webcode DQDB2M

### Order information

**6** ■ **SERVO-DRIVE set**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | 21FA000 |

**Composed of:**
**6a** 1 x Drive unit
**6b** 1 x Distribution cable, 1500 mm
**6c** 1 x Connecting node
**6d** 2 x Cable end protector
We recommend one SERVO-DRIVE drive unit per set for connected fronts.

**7** ■ **Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639

**8** ■ **Transformer unit housing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

**9** ■ **Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**Alternative to 7, 8, 9**

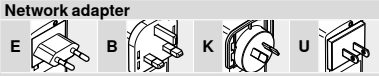
– ■ **Blum plug-in transformer 12 W**

**Only suitable for one drive unit**



| Network adapter | Language package | Part no. | Network adapter | Language package | Part no. |
|---|---|---|---|---|---|
| E | A | ☎ Z10NA30EAF | E | F | ☎ Z10NA30EFF |
| E | B | ☎ Z10NA30EBF | B | A | ☎ Z10NA30BAF |
| E | C | ☎ Z10NA30ECF | K | D | ☎ Z10NA30KDF |
| E | D | ☎ Z10NA30EDF | U | G | ☎ Z10NA30UGF |
| E | E | ☎ Z10NA30EEF | | | |

**Network adapter** [1]




**Composed of:**
– 1 x Blum plug-in transformer 12 W
Incl. cable, 1120 mm (with distribution cable extendible to max. 2000 mm)
Other combinations available upon request
[1] See the Information chapter for a detailed market list

### a Accessories

– ■ **Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**6b** 1 x Distribution cable
**6d** 5 x Cable end protector
Can be used as a distribution cable
For cutting to size

– ■ **Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**6c** 1 x Connecting node
**6d** 2 x Cable end protector
Tool-free assembly

– ■ **Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

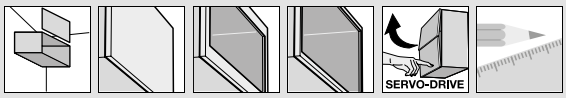
| Colour | | Colour | |
|---|---|---|---|
| HGR | Light grey | WGR | White grey |
| SW | Silk white | S | Black |
| TGR | Dark grey | W | White |
| R7037 | RAL 7037 dust grey | | |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AVENTOS HL | 59 | Planning – Blum distance bumper | 63 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | Planning – SERVO-DRIVE switch | 63 | | |
| | | SERVO-DRIVE uno – market list | 706 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Overview – assembly devices | 595 | **Short-URL** | |
| | | Reference values for door weights | 692 | **www.blum.com/a130** | |
| Accessories – general | 88 | More technical details | 686 | | |
| Planning | 62 | | | | |

# Lift systems

► AVENTOS HL – lift up
►► Standard | SERVO-DRIVE

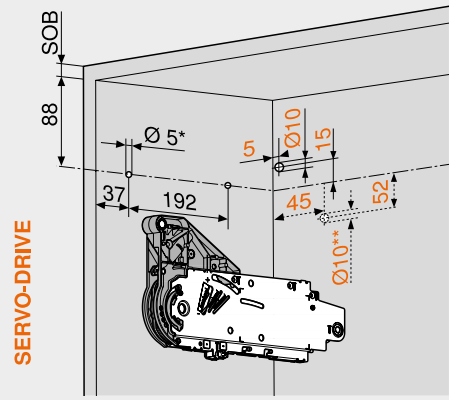



## Wooden fronts, wide and narrow alu frames

Webcode DQDB2M

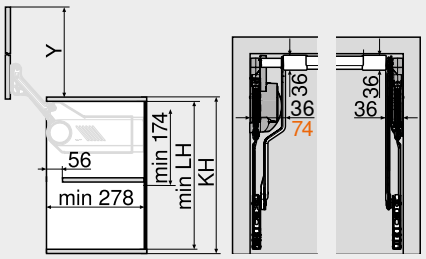
### Planning

#### Drilling position



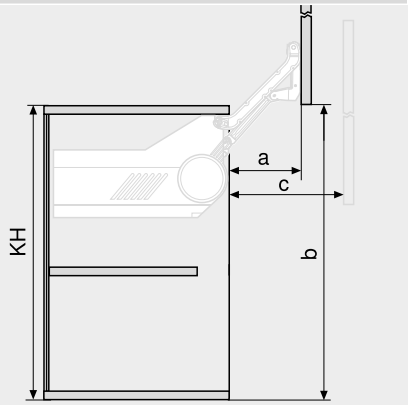

5 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
SOB Top panel thickness
* Drilling depth 5 mm
** Alternative drilling

#### Space requirement




| Lever arm set | | LH min. | Y (mm) [1] |
|---|---|---|---|
| Standard | SERVO-DRIVE | (mm) [1] | |
| 20L3200.06 | 21L3200.01 | 262.0 | 264.0 |
| 20L3500.06 | 21L3500.01 | 312.0 | 352.0 |
| 20L3800.06 | 21L3800.01 | 362.0 | 440.0 |
| 20L3900.06 | 21L3900.01 | 412.0 | 529.0 |

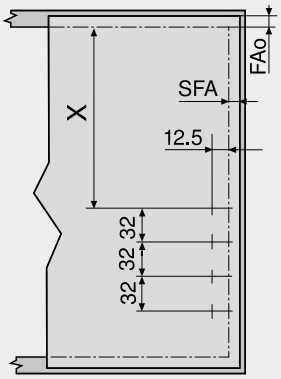
[1] Dimensions in relation to lower gap = 0 mm
LH Internal cabinet height
KH Cabinet height




| Lever arm set | | a (mm) | b (mm) [1] | c max. (mm) |
|---|---|---|---|---|
| Standard | SERVO-DRIVE | | | |
| 20L3200.06 | 21L3200.01 | 114.0 | 257.0 | 159.0 |
| 20L3500.06 | 21L3500.01 | 146.0 | 345.0 | 209.0 |
| 20L3800.06 | 21L3800.01 | 178.0 | 433.0 | 259.0 |
| 20L3900.06 | 21L3900.01 | 210.0 | 522.0 | 309.5 |

[1] Dimensions in relation to lower gap = 0 mm
KH Cabinet height

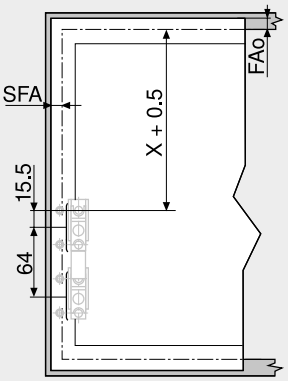
#### Front assembly – wooden fronts and wide alu frames




| Lever arm set | | X (mm) |
|---|---|---|
| Standard | SERVO-DRIVE | |
| 20L3200.06 | 21L3200.01 | 153 |
| 20L3500.06 | 21L3500.01 | 203 |
| 20L3800.06 | 21L3800.01 | 253 |
| 20L3900.06 | 21L3900.01 | 303 |

FAo Upper front overlay
SFA Front overlay of the side panel
Wall application: min. gap required 5 mm

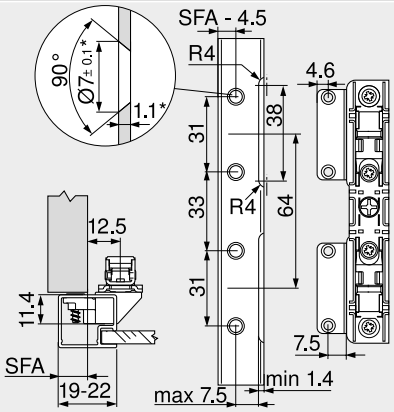
#### Front assembly – narrow alu frames




| Lever arm set | | X (mm) |
|---|---|---|
| Standard | SERVO-DRIVE | |
| 20L3200.06 | 21L3200.01 | 153 |
| 20L3500.06 | 21L3500.01 | 203 |
| 20L3800.06 | 21L3800.01 | 253 |
| 20L3900.06 | 21L3900.01 | 303 |

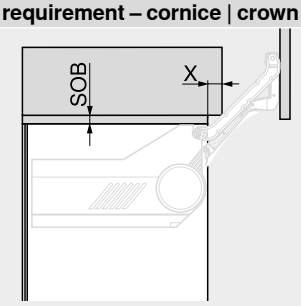
FAo Upper front overlay
SFA Front overlay of the side panel
Wall application: min. gap required 5 mm

#### Planning – narrow alu frames



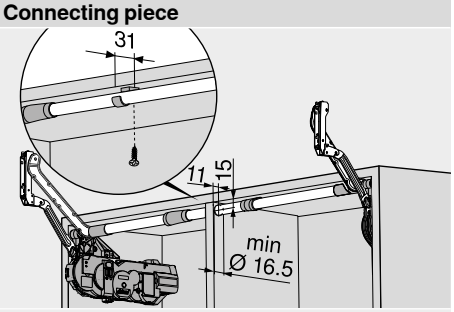

For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

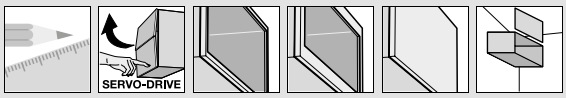
#### Space requirement – cornice | crown




| Top panel thickness SOB (mm) | X (mm) |
|---|---|
| 16 | 28 |
| 18 | 30 |
| 19 | 31 |

#### Connecting piece





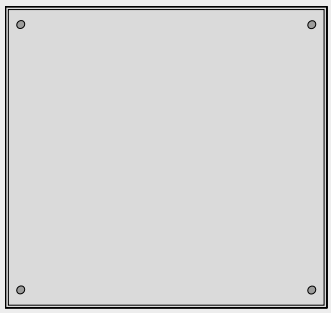



## Wooden fronts, wide and narrow alu frames

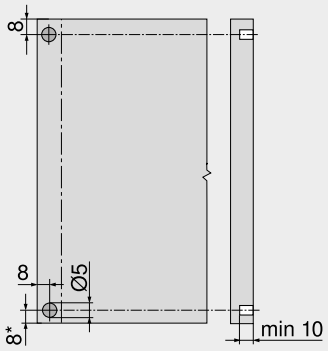
Webcode
DQDB2M

### Planning

#### Blum distance bumper (SERVO-DRIVE application only)



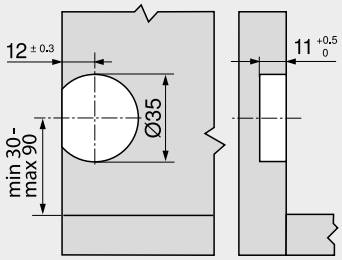
Insert Blum distance bumper (do not glue)




**Recommendation for aluminium frames:**
Consider drilling for the Blum distance bumper in the cabinet side. A trial application must be carried out when fixing to the front

* From cabinet front edge for fronts that protrude below

#### SERVO-DRIVE switch




### Page instructions

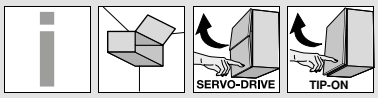

| | |
|---|---|
| Overview – AVENTOS HL | 59 |
| Order specification – wooden fronts, wide and narrow alu frames | 60 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a130

# Lift systems

## ▶ AVENTOS HK – stay lift




### Experience unprecedented ease of use




With AVENTOS HK, the front pivots up. It is especially well-suited for heavy lift systems in wall cabinets, applications in tall cabinets and above the refrigerator. Cornices were also taken into account during development.

- Silent and effortless closing, thanks to **BLUMOTION**
- Easy to open
- Stops at any opening position
- Provides excellent access to the cabinet interior
- Suitable for wall cabinets with cornice or crown moulding
- Small programme, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS
- Optional: TIP-ON for AVENTOS

### Opening and closing – easy and comfortable





Stay lifts with AVENTOS HK open and close in a smooth motion with hardly any effort at all. The variable stop ensures that the front always remains in the desired position





Thanks to the integrated BLUMOTION, even heavy fronts close silently and effortlessly

### Other advantages that will inspire both you and your customers



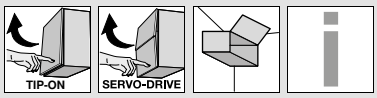
**Excellent durability**
The core element of the lift mechanism is a robust spring package. The result: excellent durability



**No protruding parts**
Delivered with closed lever – an advantage for furniture manufacturing and kitchen installation



**Cornice and crown moulding**
When developing AVENTOS HK, we also took into account cabinets with cornices and crown moulding. This provides more design freedom for kitchen planning




# Lift systems



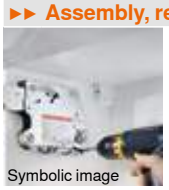
| Applications | | Webcode | Page |
|---|---|---|---|
| **►► Standard \| SERVO-DRIVE** | | | |
|  | Wooden fronts, wide and narrow alu frames | DQDBRY | 66 |
| **►► TIP-ON** | | | |
|  | Wooden fronts, wide and narrow alu frames – TIP-ON | DQDCHA | 70 |
|  | TIP-ON 956. – short version with magnet | | 72 |
|  | TIP-ON 956A – long version with magnet | | 72 |

**►► Accessories**


Symbolic image

| | | | |
|---|---|---|---|
| Opening angle stop | 67 | Cross slot bit | 89 |
| Adapter plates | 73 | | |
| Screws | 88 | | |
| Centre bit | 88 | | |
| Door buffer | 88 | | |
| Screwdriver | 89 | | |

**►► Assembly, removal and adjustment**


Symbolic image

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a140

## Machine directive

Furniture with SERVO-DRIVE for AVENTOS, as long as it is intended for domestic use, is not subject to the provisions of the Machine Directive 2006/42/EC. This is valid for items for office and professional use and for putting a machine on the market within the Euro. Economic Area (EEA + Switzerland + Turkey).
The standards and/or guidelines of other countries are covered with our TÜV certification.

**Detailed information on the Machine Directive**

Short-URL
www.blum.com/sd/guideline

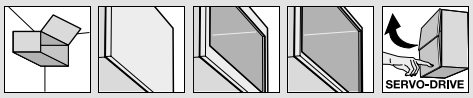
## Pictograph

- Item Available Upon Request
- General Information
- Accessories
- AVENTOS HK – stay lift
- Wooden front
- Wide alu front
- Narrow alu front
- SERVO-DRIVE for AVENTOS
- TIP-ON for AVENTOS HK – stay lift
- Planning

# Lift systems

blum

## ► AVENTOS HK – stay lift
## ►► Standard | SERVO-DRIVE




## Wooden fronts, wide and narrow alu frames

Webcode DQDBRY



- Well-suited for low frontal heights in the wall cabinet, the high cabinet and over the refrigerator
- Cabinet height KH 205–600 mm
- Cabinet width KB up to 1800 mm
- Silent and effortless closing, thanks to **BLUMOTION**
- Light operating forces
- Perfect motion with a variable stop
- Tool-free assembly
- 3-dimensional front adjustment
- Simple, infinitely variable lift mechanism
- No hinges are necessary

**Power factor LF**

Cabinet height KH (mm) x door weight incl. double handle weight (kg)

We recommend the more powerful lift mechanism for overlapping areas.

☐ **Standard**
■ **SERVO-DRIVE**

## Order information

### 1 ☐ ■ Lift mechanism set



| Power factor LF | Opening angle | Part no. |
|---|---|---|
| 480–1500 | 107° | 20K2300.05 |
| 750–2500 | 107° | 20K2500.05 |
| 1500–4900 | 107° | 20K2700.05 |
| 3200–9000 | 100° [1] | 20K2900.05 |

**Composed of:**

| | | |
|---|---|---|
| 1 | 2 x | Lift mechanism (symmetrical) |
| – | 6 x | Chipboard screws Ø 4 x 35 mm |

**Note**

Max. door weight 18 kg for two lift mechanisms.
The power factor LF can be increased by 50 % when a third lift mechanism is used. The power factor LF and the door weight can be increased by 50 % when a third lift mechanism is used. The reason for this is to prevent the middle of the front from sagging when open

[1] Pre-mounted opening angle stop

### 3 ☐ Cover cap set



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 20K8000 |

**Composed of:**

| | | |
|---|---|---|
| 3a | 1 x | Cover cap large left |
| 3b | 1 x | Cover cap large right |
| 3c | 2 x | Cover cap small |

### 3 ■ Cover cap set for SERVO-DRIVE



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 21K8000 |

**Composed of:**

| | | |
|---|---|---|
| 3a | 1 x | SERVO-DRIVE cover plate left |
| 3b | 1 x | Cover cap large right |
| 3c | 2 x | Cover cap small |
| 3d | 2 x | SERVO-DRIVE switch |
| 3e | 4 x | Blum distance bumper, Ø 5 mm |

### 4 ☐ ■ Front fixing bracket set



| Version | Part no. |
|---|---|
| Wooden fronts and wide alu frames [1] | 20S4200 |
| Narrow alu frames | 20S4200A |

[1] Use 4 chipboard screws (609.1x00) per side for wooden fronts
[1] Use 4 counter sunk self tapping screws (660.0950) per side for wide alu frames

### 4 ☐ ■ Front fixing bracket



| Version | Part no. |
|---|---|
| Thin fronts | 20S42T1 |

EXPANDO T suitable for thin fronts – see page instructions

### 6 ☐ ■ SERVO-DRIVE set



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | 21KA000 |

**Composed of:**

| | | |
|---|---|---|
| 6a | 1 x | Drive unit |
| 6b | 1 x | Distribution cable, 1500 mm |
| 6c | 1 x | Connecting node |
| 6d | 2 x | Cable end protector |

For three lift mechanisms or more, we recommend two synchronised drive units

### 7 ■ Blum transformer 24 W



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| A | DE, EN, FR, IT, NL | E | CS, HU, PL, SK |
| B | DA, EN, FI, NO, SV | F | BG, ET, LT, LV, RO, RU |
| C | EL, EN, HR, SL, SR, TR | G | EN, ES, FR |
| D | EN, ES, FR, IT, PT | H | EN, ZH |

Language descriptions as per ISO-639

### 8 ■ Transformer unit housing



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

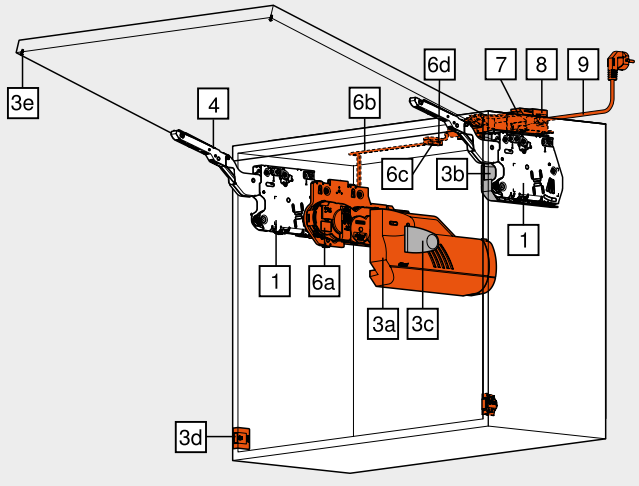
For Blum transformer 24 W

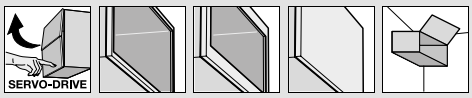
### 9 ■ Flex



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug








## Wooden fronts, wide and narrow alu frames

Webcode DQDBRY

### Order information

**Alternative to 7, 8, 9**

– **Blum plug-in transformer 12 W**

**Only suitable for one drive unit**



| Network adapter | Lan-guage package | Part no. | Network adapter | Lan-guage package | Part no. |
|---|---|---|---|---|---|
| E | A | ☎ Z10NA30EAF | E | F | ☎ Z10NA30EFF |
| E | B | ☎ Z10NA30EBF | B | A | ☎ Z10NA30BAF |
| E | C | ☎ Z10NA30ECF | K | D | ☎ Z10NA30KDF |
| E | D | ☎ Z10NA30EDF | U | G | ☎ Z10NA30UGF |
| E | E | ☎ Z10NA30EEF | | | |

**Network adapter** [1]

E  B  K  U 

**Composed of:**

– 1 x Blum plug-in transformer 12 W

Incl. cable, 1120 mm (with distribution cable extendible to max. 2000 mm)

Other combinations available upon request

[1] See the Information chapter for a detailed market list

### a Accessories

– **Opening angle stop**



| Opening angle | Colour | Part no. |
|---|---|---|
| 100° | TGR | 20K7041 |
| 75° | R7037 | 20K7011 |

– **Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**

**6b** 1 x Distribution cable

**6d** 5 x Cable end protector

Can be used as a distribution cable

For cutting to size

– **Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**

**6c** 1 x Connecting node

**6d** 2 x Cable end protector

Tool-free assembly

– **Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

| Colour | |
|---|---|
| HGR | Light grey |
| SW | Silk white |
| TGR | Dark grey |
| R7037 | RAL 7037 dust grey |

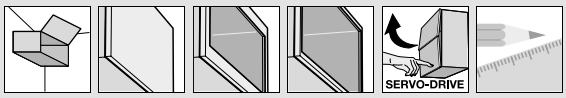
| Colour | |
|---|---|
| WGR | White grey |
| S | Black |
| W | White |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AVENTOS HK | 65 | Planning – Blum distance bumper | 69 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | Planning – SERVO-DRIVE switch | 69 | | |
| | | SERVO-DRIVE uno – market list | 706 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Overview – assembly devices | 595 | Short-URL | |
| | | Reference values for door weights | 692 | www.blum.com/a140 | |
| Accessories – general | 88 | More technical details | 686 | | |
| Planning | 68 | | | | |

# Lift systems

► AVENTOS HK – stay lift
►► Standard | SERVO-DRIVE

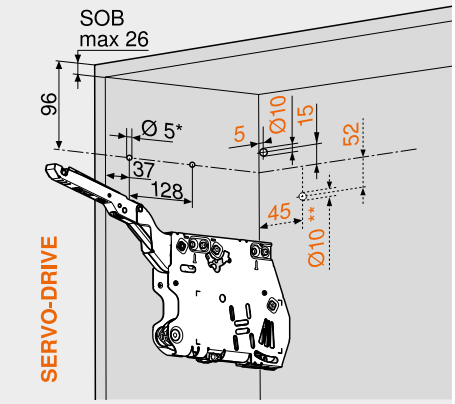



## Wooden fronts, wide and narrow alu frames

Webcode DQDBRY

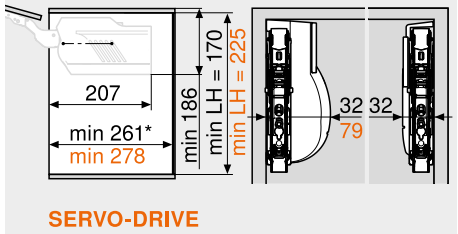
### Planning

#### Drilling position



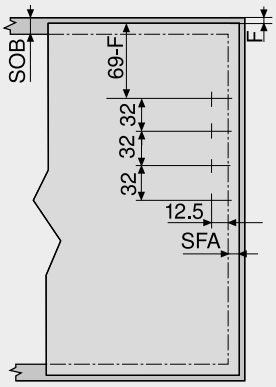

3 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
SOB Top panel thickness
* Drilling depth 5 mm
** Alternative drilling

#### Space requirement



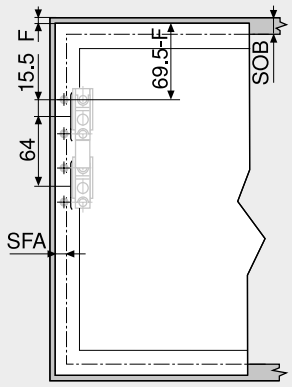

LH Internal cabinet height
* Min. 261 mm with visible wall hanging bracket

#### Front assembly – wooden fronts and wide alu frames



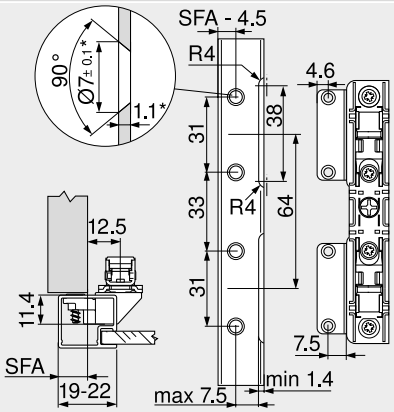

Use 4 chipboard screws (609.1x00) for wooden fronts
Use 4 counter sunk self tapping screws (660.0950) for wide alu frames
SOB Top panel thickness
F Gap
SFA Front overlay of the side panel

#### Front assembly – narrow alu frames



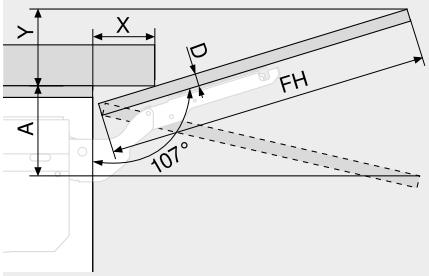

SOB Top panel thickness
F Gap
SFA Front overlay of the side panel

#### Planning – narrow alu frames




For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

#### Space requirement – cornice | crown

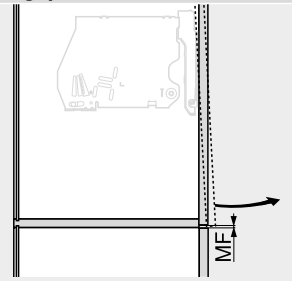



| Opening angle stop | Space requirement (mm) |
|---|---|
| Without | Y = FH x 0.29 – 15 + D |
| 100° | Y = FH x 0.17 – 15 + D |
| 75° | A = FH x 0.26 + 15 – D |

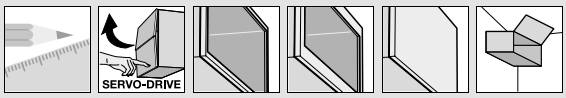
FH Front height

| D (mm) | 16 | 19 | 22 | 26 | 28 |
|---|---|---|---|---|---|
| X (mm) | 70 | 59 | 49 | 35 | 26 |

#### Minimum gap




MF Minimum gap 2 mm






## Wooden fronts, wide and narrow alu frames

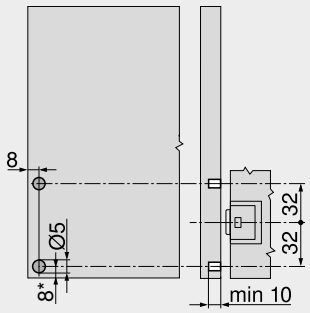
Webcode
DQDBRY

### Planning

#### Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)
Do not use bumpers in the upper third

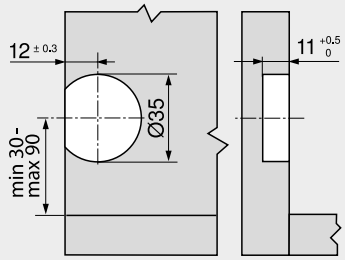



**Recommendation for aluminium frames:**
Consider drilling for the Blum distance bumper in the cabinet side. A trial application must be carried out when fixing to the front
* From cabinet front edge for fronts that protrude below

In general, we recommend installing 4 Blum distance bumpers near to the switch
For certain applications (high fronts, low weight), 2 Blum distance bumpers may sometimes be sufficient

A trial application is recommended

#### SERVO-DRIVE switch




### Page instructions

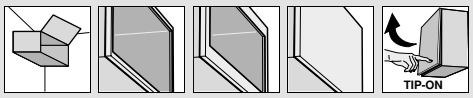

| | |
|---|---|
| Overview – AVENTOS HK | 65 |
| Order specification – wooden fronts, wide and narrow alu frames | 66 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a140

# Lift systems

► AVENTOS HK – stay lift
►► TIP-ON




## Wooden fronts, wide and narrow alu frames – TIP-ON

Webcode DQDCHA



- TIP-ON for handle-less lift systems
- Cabinet height KH 205–600 mm
- Cabinet width KB up to 1800 mm
- For drilling or in combination with adapter plates

**Power factor LF**

Cabinet height KH (mm) x door weight incl. double handle weight (kg)

We recommend the more powerful lift mechanism for overlapping areas.

■ TIP-ON

## Order information

**1 ■ Lift mechanism set for TIP-ON**



| Power factor LF | Opening angle | Part no. |
|---|---|---|
| 480–1500 | 107° | 20K2300T |
| 750–2500 | 107° | 20K2500T |
| 1500–4900 | 107° | 20K2700T |
| 3200–9000 | 100° [1] | 20K2900T |

**Composed of:**

| | | |
|---|---|---|
| 1 | 2 x | Lift mechanism (symmetrical) |
| – | 6 x | Chipboard screws Ø 4 x 35 mm |

Max. door weight 18 kg for two lift mechanisms.
When using a third lift mechanism (a power factor increase of up to 50 %), we recommend a trial application

[1] Pre-mounted opening angle stop

**3 ■ Cover cap set**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | HGR \| SW \| TGR | 20K8000 |

**Composed of:**

| | | |
|---|---|---|
| 3a | 1 x | Cover cap large left |
| 3b | 1 x | Cover cap large right |
| 3c | 2 x | Cover cap small |

**4 ■ Front fixing bracket set**



| Version | Part no. |
|---|---|
| Wooden fronts and wide alu frames [1] | 20S4200 |
| Narrow alu frames | 20S4200A |

[1] Use 4 chipboard screws (609.1x00) per side for wooden fronts
[1] Use 4 counter sunk self tapping screws (660.0950) per side for wide alu frames

**4 ■ Front fixing bracket**



| Version | Part no. |
|---|---|
| Thin fronts | 20S42T1 |

EXPANDO T suitable for thin fronts – see page instructions

**6 ■ TIP-ON set**



| Version | Cabinet height KH (mm) | Part no. |
|---|---|---|
| Short version | Up to 500 | 956.1004 |
| Extended version | Starting at 501 | 956A1004 |

**Composed of:**

| | | |
|---|---|---|
| 6a | 1 x | TIP-ON |
| 6b | 1 x | Screw-on catch plate |
| – | 1 x | Chipboard screw 609.1500 |
| – | 1 x | Glue-on catch plate |

## a Accessories

**– ■ Opening angle stop**



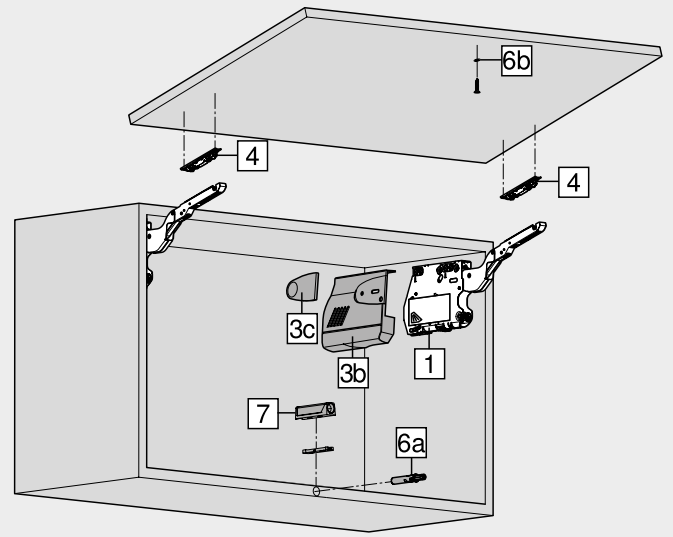
| Opening angle | Colour | Part no. |
|---|---|---|
| 100° | TGR | 20K7041 |
| 75° | R7037 | 20K7011 |

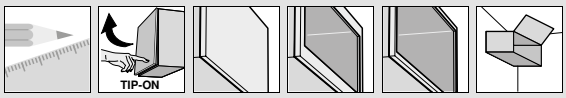
**7 ■ Adapter plate**



| Version | Colour | Part no. |
|---|---|---|
| Inline adapter plate – short version | SW \| TS \| R7036 \| NI-L | 956.1201 |
| Inline adapter plate – long version | SW \| TS \| R7036 \| NI-L | 956A1201 |
| Cruciform adapter plate – long version | R7036 | 956A1501 |

| Colour | | Colour | |
|---|---|---|---|
| HGR | Light grey | R7037 | RAL 7037 dust grey |
| SW | Silk white | R7036 | RAL 7036 platinum grey |
| TGR | Dark grey | NI-L | Nickel lacquered |
| TS | Terra black | | |



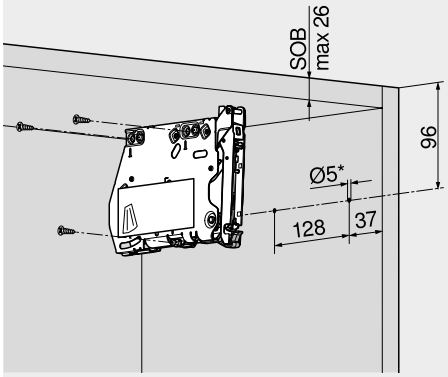



# Wooden fronts, wide and narrow alu frames – TIP-ON

Webcode
DQDCHA

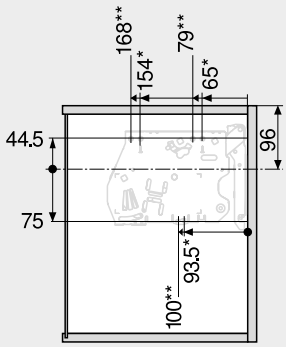
## Planning

### Peg position



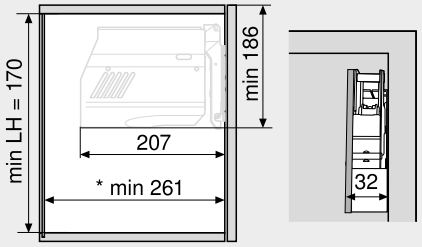

SOB Top panel thickness
* Drilling depth 5 mm

### Fixing position



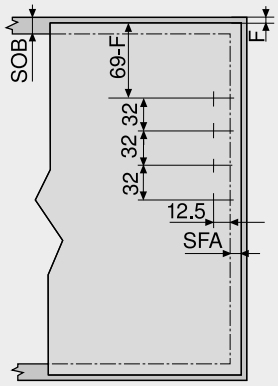

3 x chipboard screws Ø 4 x 35 mm
* Left
** Right

### Space requirement



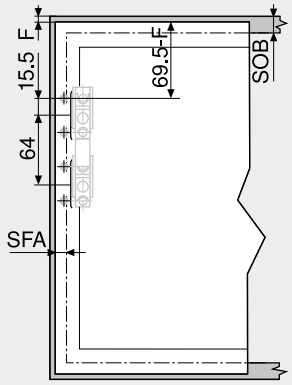

* Min. 261 mm with visible wall hanging bracket

### Front assembly – wooden fronts and wide alu frames



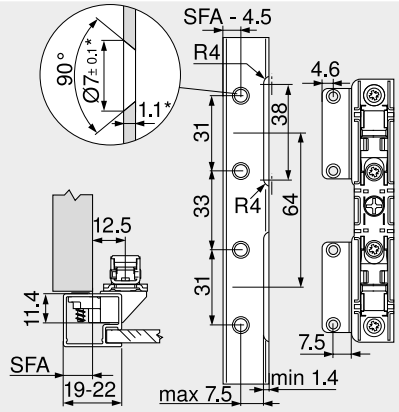

Use 4 chipboard screws (609.1x00) for wooden fronts
Use 4 counter sunk self tapping screws (660.0950) for wide alu frames
SOB Top panel thickness
F Gap
SFA Front overlay of the side panel

### Front assembly – narrow alu frames



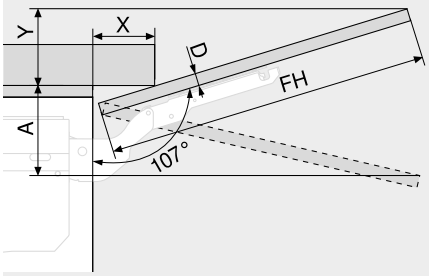

SOB Top panel thickness
F Gap
SFA Front overlay of the side panel

### Planning – narrow alu frames



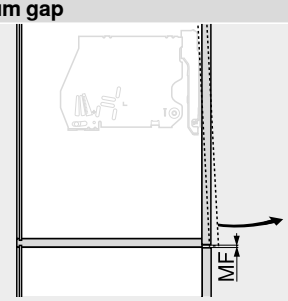

For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

### Space requirement – cornice | crown




| Opening angle stop | | | Space requirement (mm) | | |
|---|---|---|---|---|---|
| Without | | | Y = FH x 0.29 – 15 + D | | |
| 100° | | | Y = FH x 0.17 – 15 + D | | |
| 75° | | | A = FH x 0.26 + 15 – D | | |
| FH | Front height | | | | |
| **D (mm)** | 16 | 19 | 22 | 26 | 28 |
| **X (mm)** | 70 | 59 | 49 | 35 | 26 |

### Minimum gap




MF Minimum gap 2 mm

### Page instructions


| | |
|---|---|
| Overview – AVENTOS HK | 65 |
| TIP-ON 956x | 72 |
| Fixing system for thin fronts – EXPANDO T | 588 |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 |
| Overview – assembly devices | 595 |
| More technical details | 686 |
| **Assembly, removal and adjustment** | |


**Short-URL**
**www.blum.com/a140**

# Lift systems

► AVENTOS HK – stay lift
►► TIP-ON




## TIP-ON 956. – short version with magnet



- For stay lifts up to a height of 500 mm
- For drilling or in combination with adapter plates
- Output path approx. 17 mm
- Setting +4/–1 mm

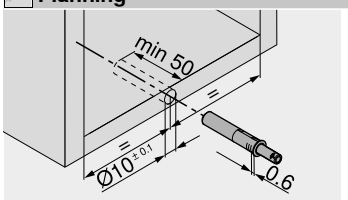
### Order information

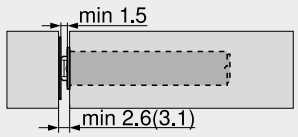
| Colour | Part no. |
|---|---|
| SW \| TS \| R7036 | 956.1004 |

**Composed of:**

| | |
|---|---|
| 1 x | TIP-ON 956. – short version with magnet |
| 1 x | Glue-on catch plate |
| 1 x | Screw-on catch plate |
| SW | Silk white |
| TS | Terra black |
| R7036 | RAL 7036 platinum grey |

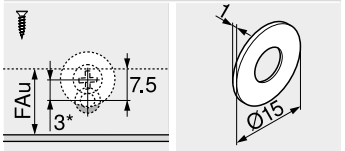
### Planning



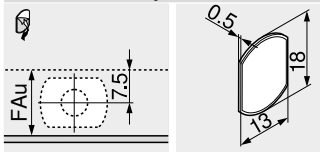

() Screw-on catch plate

**Screw-on catch plate**




FAu Bottom front overlay
* 3 mm offset installation

**Glue-on catch plate**




FAu Bottom front overlay

## TIP-ON 956A – long version with magnet



- For stay lifts heights over 501 mm
- For drilling or in combination with adapter plates
- Output path approx. 38 mm
- Setting +4/–1 mm

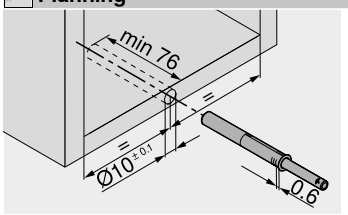
### Order information

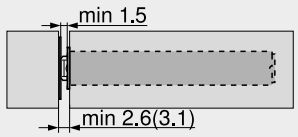
| Colour | Part no. |
|---|---|
| SW \| TS \| R7036 | 956A1004 |

**Composed of:**

| | |
|---|---|
| 1 x | TIP-ON 956A – long version with magnet |
| 1 x | Glue-on catch plate |
| 1 x | Screw-on catch plate |
| SW | Silk white |
| TS | Terra black |
| R7036 | RAL 7036 platinum grey |

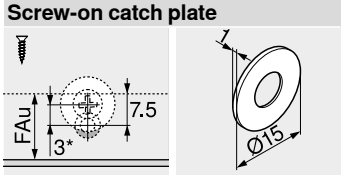
### Planning



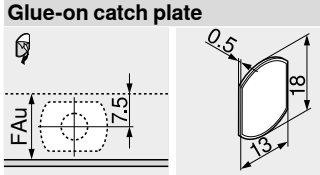

() Screw-on catch plate

**Screw-on catch plate**




FAu Bottom front overlay
* 3 mm offset installation

**Glue-on catch plate**




FAu Bottom front overlay

### Page instructions

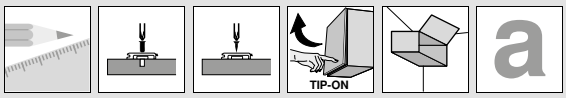

| | |
|---|---|
| Overview – AVENTOS HK | 65 |
| Accessories – straight adapter plates | 73 |
| Accessories – cruciform adapter plates | 73 |


**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a140

**Assembly**


| | |
|---|---|
| Drilling template for BLUMOTION \| TIP-ON | 652 |
| Positioning template for catch plate | 673 |
| PRO-CENTER | 602 |




## Inline adapter plate – short version 20/17

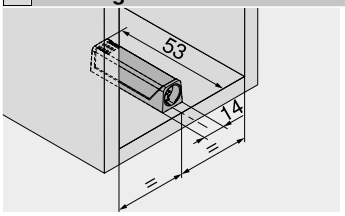


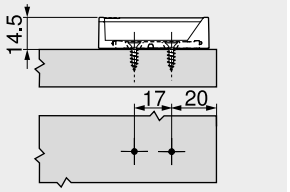
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

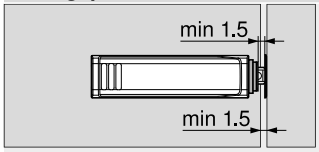
| Colour | | Part no. |
|---|---|---|
| SW \| TS \| R7036 \| NI-L | | 956.1201 |
| SW | Silk white | |
| TS | Terra black | |
| R7036 | RAL 7036 platinum grey | |
| NI-L | Nickel lacquered | |

### Planning

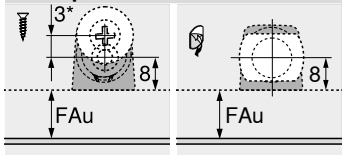



### Front gap




### Catch plate




FAu Bottom front overlay
* 3 mm offset installation

## Inline adapter plate – long version 20/32

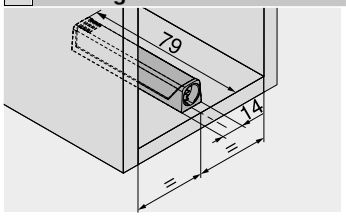


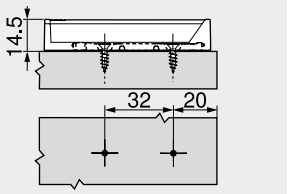
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

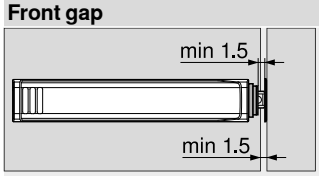
| Colour | | Part no. |
|---|---|---|
| SW \| TS \| R7036 \| NI-L | | 956A1201 |
| SW | Silk white | |
| TS | Terra black | |
| R7036 | RAL 7036 platinum grey | |
| NI-L | Nickel lacquered | |

### Planning

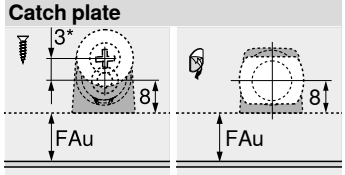



### Front gap




### Catch plate




FAu Bottom front overlay
* 3 mm offset installation

## Cruciform adapter plate – long version 37/32

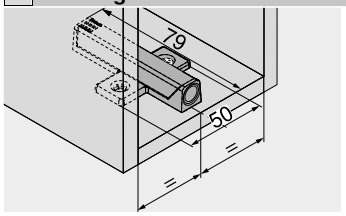


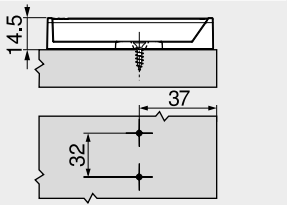
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

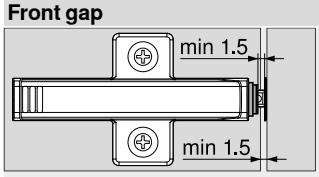
| Colour | | Part no. |
|---|---|---|
| R7036 | | 956A1501 |
| R7036 | RAL 7036 platinum grey | |

### Planning

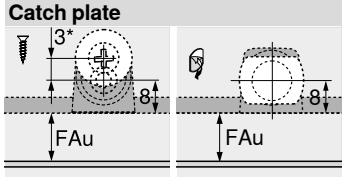



### Front gap




### Catch plate



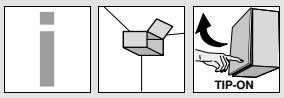

FAu Bottom front overlay
* 3 mm offset installation

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AVENTOS HK | 65 | **Assembly** | | MINIPRESS M | 622 |
| **Assembly, removal and adjustment** | | Template | 650 | | |
| | | Drilling template for mounting plates | 651 | | |
| | | Positioning template for catch plate | 673 | | |
| **Short-URL** | | PRO-CENTER | 602 | | |
| **www.blum.com/a140** | | MINIPRESS PRO | 606 | | |
| | | MINIPRESS P | 618 | | |

# Lift systems

## ▶ AVENTOS HK-S – stay lift




## Lift system for small stay lifts




AVENTOS HK-S is well-suited for small lift systems, such as over the larder unit or refrigerator. Due to its small installation size, AVENTOS HK-S fits harmoniously into smaller cabinets.

- Special for small stay lifts
- Silent and effortless closing, thanks to **BLUMOTION**
- Easy to open
- Stops at any opening position
- Provides excellent access to the cabinet interior
- Suitable for wall cabinets with cornice or crown moulding
- Small programme, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: TIP-ON for AVENTOS

## Opening and closing – easy and comfortable





AVENTOS HK-S opens and closes in a smooth motion with hardly any effort at all. The variable stop ensures that the front always remains in the desired position





Thanks to the integrated BLUMOTION, the front closes silently and effortlessly

## Other advantages that will inspire both you and your customers



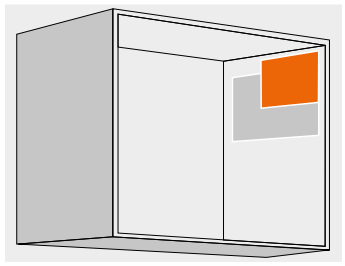
**Excellent durability**
The core element of the lift mechanism is a robust spring package. The result: excellent durability



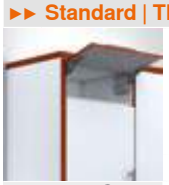
**No protruding parts**
Delivered with closed lever – an advantage for furniture manufacturing and kitchen installation



**Cornice and crown moulding**
When developing AVENTOS HK-S, we also took into account cabinets with cornices and crown moulding



**Compact design**
Due to its minimal installation size, AVENTOS HK-S fits easily into smaller cabinets

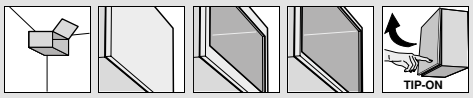
| Applications | | Webcode | Page |
|---|---|---|---|
| **►► Standard \| TIP-ON** | | | |
|  | Wooden fronts, wide and narrow alu frames | DQDD6M | 76 |
|  | TIP-ON 956. – short version with magnet | | 78 |
| **►► Accessories** | | | |
|  Symbolic image | Opening angle stop 76<br>Adapter plates 79<br>Screws 88<br>Centre bit 88<br>Door buffer 88<br>Screwdriver 89 | Cross slot bit | 89 |
| **►► Assembly, removal and adjustment** | | | |
|  Symbolic image | **Assembly, removal and adjustment**<br>**Short-URL**<br>**www.blum.com/a150** | | |

**Pictograph**

- Item Available Upon Request
- General Information
- Accessories
- AVENTOS HK-S – stay lift
- Wooden front
- Wide alu front
- Narrow alu front
- TIP-ON for AVENTOS HK-S – stay lift
- Planning

# Lift systems

## ► AVENTOS HK-S – stay lift
## ►► Standard | TIP-ON




## Wooden fronts, wide and narrow alu frames

Webcode DQDD6M



- Well-suited for low frontal heights in the wall cabinet, the high cabinet and over the refrigerator
- Cabinet height KH max. 600 mm
- Silent and effortless closing, thanks to **BLUMOTION**
- Light operating forces
- Perfect motion with a variable stop
- Tool-free assembly
- 3-dimensional front adjustment
- Simple, infinitely variable lift mechanism
- No hinges are necessary
- TIP-ON for handle-less lift systems

**Power factor LF**

Cabinet height KH (mm) x door weight incl. double handle weight (kg)

We recommend the more powerful lift mechanism for overlapping areas.

☐ **Standard**
■ **TIP-ON**

## Order information

### 1 ☐ Lift mechanism set



| Power factor LF | Opening angle | | Part no. |
|---|---|---|---|
| 220–500 | 107° | [1] | 20K2B00.02 |
| 400–1000 | 107° | | 20K2C00.02 |
| 960–2215 | 107° | | 20K2E00.02 |

**Composed of:**

| | | |
|---|---|---|
| **1a** | 2 x | Lift mechanism (symmetrical) |
| **1b** | 2 x | Cover cap left/right<br>HGR \| SW \| TGR |
| – | 6 x | Chipboard screws Ø 4 x 35 mm |

**Note**

The power factor LF can be increased by 50 % when a third lift mechanism is used

[1] Lift mechanisms are unsprung

### 1 ■ Lift mechanism set for TIP-ON



| Power factor LF | Opening angle | | Part no. |
|---|---|---|---|
| 220–500 | 107° | [1] | 20K2B00T |
| 400–1000 | 107° | | 20K2C00T |
| 960–2215 | 107° | | 20K2E00T |

**Composed of:**

| | | |
|---|---|---|
| **1a** | 2 x | Lift mechanism (symmetrical) |
| **1b** | 2 x | Cover cap left/right<br>HGR \| SW \| TGR |
| – | 6 x | Chipboard screws Ø 4 x 35 mm |

**Note**

The power factor LF can be increased by 50 % when a third lift mechanism is used

[1] Lift mechanisms are unsprung

### 4 ☐■ Front fixing bracket

**Version**



| Fixing method | Spacing (mm) | | Part no. |
|---|---|---|---|
| Screw-on | 0 | [1] | 175H3100 |
| EXPANDO | 0 | | 177H3100E |
| Knock-in | 0 | | 177H3100 |
| **Wooden fronts and wide alu frames** | | | 2 x |

All horizontal steel mounting plates with 0 mm spacing possible

[1] Use 2 chipboard screws (609.1x00) per side for wooden fronts

[1] Use 2 counter sunk self tapping screws (660.0950) per side for wide alu frames

### 4 ☐■ Front fixing bracket set



| Version | | Part no. |
|---|---|---|
| Narrow alu frames | 1 x | 20K4A00A02 |

### 6 ■ TIP-ON set



| Version | Cabinet height KH (mm) | Part no. |
|---|---|---|
| Short version | Up to 600 | 956.1004 |

**Composed of:**

| | | |
|---|---|---|
| **6a** | 1 x | TIP-ON |
| **6b** | 1 x | Screw-on catch plate |
| – | 1 x | Chipboard screw 609.1500 |
| – | 1 x | Glue-on catch plate |

## a Accessories

### – ☐■ Opening angle stop



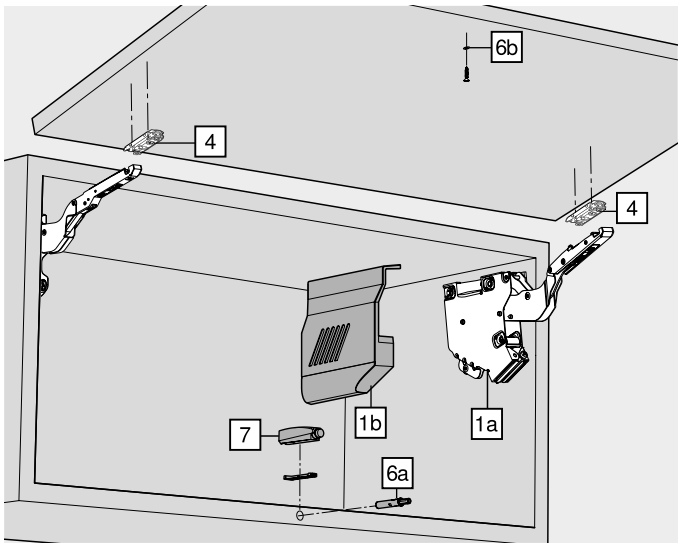
| Opening angle | Colour | Part no. |
|---|---|---|
| 100° | TGR | 20K7A41 |
| 75° | R7037 | 20K7A11 |

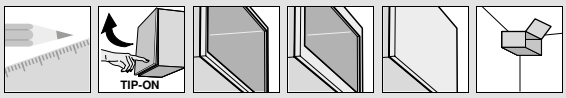
### 7 ■ Adapter plate



| Version | Colour | Part no. |
|---|---|---|
| Inline adapter plate – short version | SW \| TS \| R7036 \| NI-L | 956.1201 |
| Cruciform adapter plate – long version | R7036 | 956A1501 |

| Colour | | Colour | |
|---|---|---|---|
| HGR | Light grey | R7036 | RAL 7036 platinum grey |
| SW | Silk white | R7037 | RAL 7037 dust grey |
| TGR | Dark grey | NI-L | Nickel lacquered |
| TS | Terra black | | |



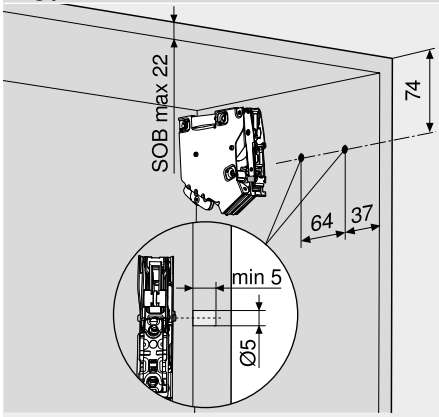



# Wooden fronts, wide and narrow alu frames

Webcode DQDD6M

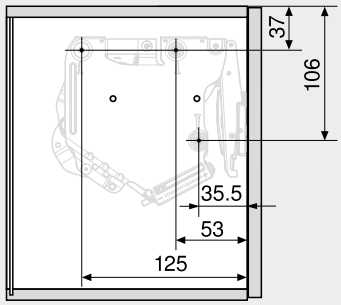
## Planning

### Peg position



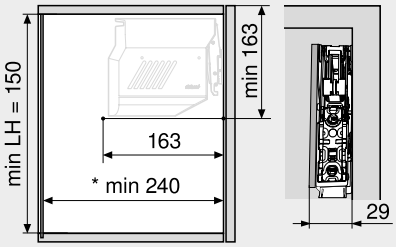

SOB Top panel thickness

### Fixing position



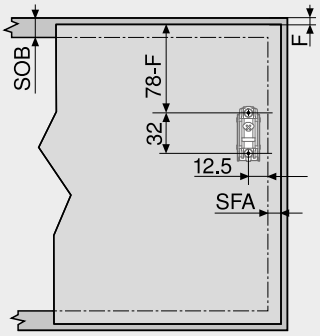

3 x chipboard screws Ø 4 x 35 mm

### Space requirement




* Min. 240 mm with visible wall hanging bracket

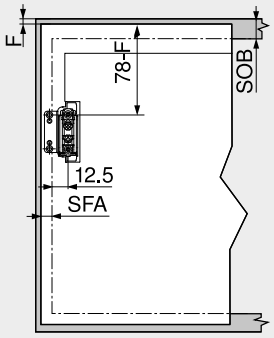
### Front assembly – wooden fronts and wide alu frames




Use 2 chipboard screws (609.1x00) for wooden fronts
Use 2 counter sunk self tapping screws (660.0950) for wide alu frames

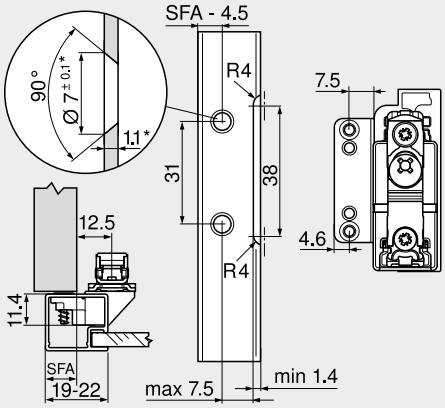
SOB Top panel thickness
F Gap
SFA Front overlay of the side panel

### Front assembly – narrow alu frames




SOB Top panel thickness
F Gap
SFA Front overlay of the side panel

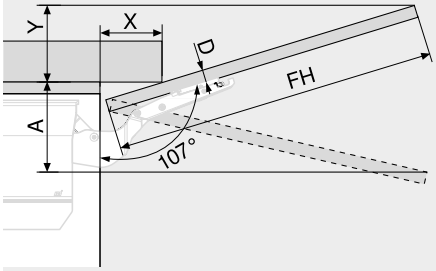
### Planning – narrow alu frames




For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible

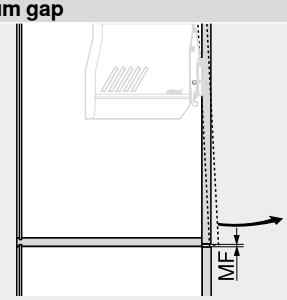
* When changing material thickness, adjust the assembly dimensions accordingly

### Space requirement – cornice | crown




| Opening angle stop | Space requirement (mm) | | | | |
|---|---|---|---|---|---|
| Without | Y = FH x 0.29 – 15 + D | | | | |
| 100° | Y = FH x 0.17 – 15 + D | | | | |
| 75° | A = FH x 0.26 + 15 – D | | | | |
| FH Front height | | | | | |
| **D (mm)** | 16 | 19 | 22 | 26 | – |
| **X (mm)** | 70 | 59 | 49 | 35 | – |

### Minimum gap




MF Minimum gap 2 mm

### Page instructions


| | |
|---|---|
| Overview – AVENTOS HK-S | 75 |
| Overview – assembly devices | 595 |
| More technical details | 686 |
| **Assembly, removal and adjustment** | |


Short-URL
www.blum.com/a150

# Lift systems

► AVENTOS HK-S – stay lift
►► TIP-ON




## TIP-ON 956. – short version with magnet



- For stay lifts up to a height of 600 mm
- For drilling or in combination with adapter plates
- Output path approx. 17 mm
- Setting +4/–1 mm

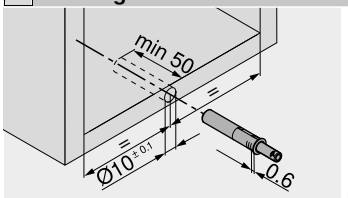
### Order information

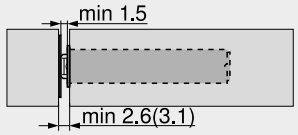
| Colour | Part no. |
|---|---|
| SW \| TS \| R7036 | 956.1004 |

**Composed of:**

| | |
|---|---|
| 1 x | TIP-ON 956. – short version with magnet |
| 1 x | Glue-on catch plate |
| 1 x | Screw-on catch plate |
| SW | Silk white |
| TS | Terra black |
| R7036 | RAL 7036 platinum grey |

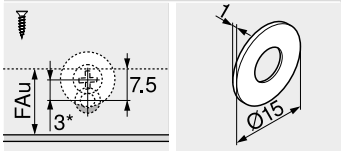
### Planning



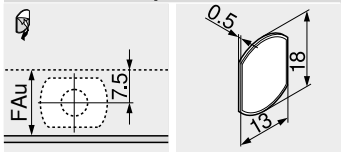

() Screw-on catch plate

#### Screw-on catch plate




FAu Bottom front overlay
* 3 mm offset installation

#### Glue-on catch plate




FAu Bottom front overlay

### Page instructions

| | |
|---|---|
| Overview – AVENTOS HK-S | 75 |
| Accessories – straight adapter plates | 79 |
| Accessories – cruciform adapter plates | 79 |

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a150**

**Assembly**

| | |
|---|---|
| Drilling template for BLUMOTION \| TIP-ON | 652 |
| Positioning template for catch plate | 673 |
| PRO-CENTER | 602 |

## Inline adapter plate – short version 20/17

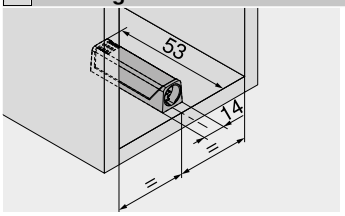


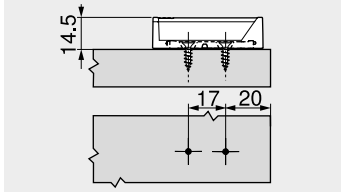
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

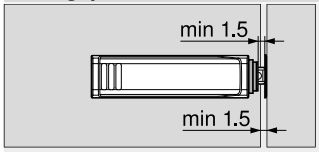
| Colour | | Part no. |
|---|---|---|
| SW \| TS \| R7036 \| NI-L | | 956.1201 |
| SW | Silk white | |
| TS | Terra black | |
| R7036 | RAL 7036 platinum grey | |
| NI-L | Nickel lacquered | |

### Planning

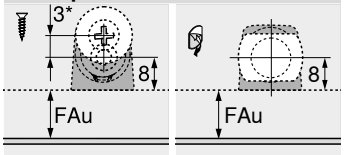



### Front gap




### Catch plate




FAu Bottom front overlay
* 3 mm offset installation

## Cruciform adapter plate – long version 37/32

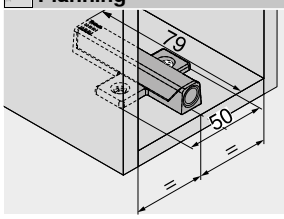


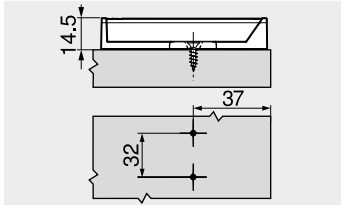
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

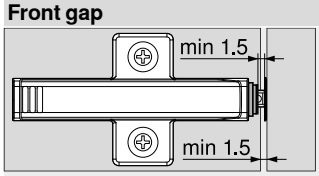
| Colour | | Part no. |
|---|---|---|
| R7036 | | 956A1501 |
| R7036 | RAL 7036 platinum grey | |

### Planning

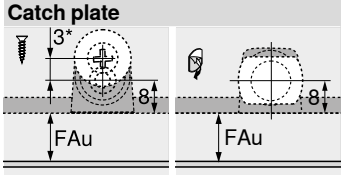



### Front gap




### Catch plate




FAu Bottom front overlay
* 3 mm offset installation

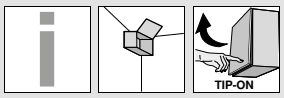
### Page instructions

| | |
|---|---|
| Overview – AVENTOS HK-S | 75 |
| **Assembly, removal and adjustment** | |
| **Short-URL** | |
| **www.blum.com/a150** | |

| **Assembly** | |
|---|---|
| Template | 650 |
| Drilling template for mounting plates | 651 |
| Positioning template for catch plate | 673 |
| PRO-CENTER | 602 |
| MINIPRESS PRO | 606 |
| MINIPRESS P | 618 |
| MINIPRESS M | 622 |

# Lift systems

## ► AVENTOS HK-XS – stay lift




## Lift system for small stay lifts




AVENTOS HK-XS offers a high level of design freedom for small top wall cabinets thanks to its narrow style. Cabinets with low internal depths can therefore also be conveniently equipped.

- Specifically for small top wall cabinets
- Also suitable for cabinets with low internal depths
- Symmetrical lift mechanism, can be used on one or both sides
- Silent and effortless closing, thanks to **BLUMOTION**
- Easy to open
- Stops at any opening position
- Provides excellent access to the cabinet interior
- Small programme, huge application variety
- Easy assembly and adjustment
- Excellent durability
- Optional: TIP-ON for AVENTOS

## Opening and closing – easy and comfortable





AVENTOS HK-XS proves itself with the familiar AVENTOS ease of use. They close silently and effortlessly in combination with CLIP top BLUMOTION hinges. The variable stop ensures that the front always remains in the desired position



**Many possibilities**
Thanks to the low installation depth, with AVENTOS HK-XS it is possible to make optimal use of the space above the extractor, for example



**Wide folding fronts**
For larger and heavier fronts, attach a lift mechanism to both sides

## Other advantages that will inspire both you and your customers



**Excellent durability**
The core element of the lift mechanism is a robust spring package. The result: excellent durability



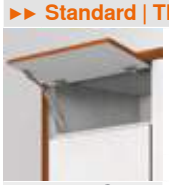
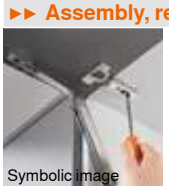
**CLIP mechanism**
Tool-free lift mechanism assembly is carried out using the CLIP mechanism



**Infinitely variable lift mechanism adjustment**
The infinitely variable adjustment is carried out from the front using the adjustment screw



**Handle-less stay lifts**
One touch on the front is all that is needed to open the lift system wide enough that it can be conveniently moved upwards, thanks to TIP-ON

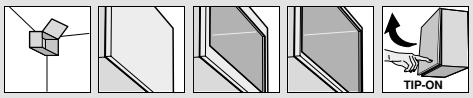
| Applications | | | | Webcode | Page |
|---|---|---|---|---|---|
| **►► Standard \| TIP-ON** | | | | | |
|  | Wooden fronts, wide and narrow alu frames | | | DQDDVY | 82 |
|  | TIP-ON 956. – short version with magnet | | | | 86 |
| **►► Accessories** | | | | | |
|  Symbolic image | Opening angle stop | 83 | Cross slot bit | | 89 |
| | Adapter plates | 87 | | | |
| | Screws | 88 | | | |
| | Centre bit | 88 | | | |
| | Door buffer | 88 | | | |
| | Screwdriver | 89 | | | |
| **►► Assembly, removal and adjustment** | | | | | |
|  Symbolic image | **Assembly, removal and adjustment** | | | | |
| | **Short-URL** | | | | |
| | **www.blum.com/a160** | | | | |

**Pictograph**

| | |
|---|---|
| Item Available Upon Request | Narrow alu front |
| General Information | TIP-ON for AVENTOS HK-XS – stay lift |
| Accessories | Planning |
| AVENTOS HK-XS – stay lift | |
| Wooden front | |
| Wide alu front | |

# Lift systems

► AVENTOS HK-XS – stay lift
►► Standard | TIP-ON




## Wooden fronts, wide and narrow alu frames

Webcode DQDDVY



- Well-suited for low frontal heights in the wall cabinet, the high cabinet and over the refrigerator
- Cabinet height KH 240–600 mm
- Internal cabinet depth LT min. 125 mm (100 mm)
- Closes silently and effortlessly in conjunction with CLIP top BLUMOTION hinges
- TIP-ON for handle-less stay lifts with CLIP top unsprung hinges
- Light operating forces
- Perfect motion with a variable stop
- Simple, infinitely variable lift mechanism

**Power factor LF**

Cabinet height KH (mm) x door weight incl. double handle weight (kg)

A trial application is recommended when you are in a borderline area of the individual lift mechanism.

☐ Standard
■ TIP-ON

## Order information

**1 ☐ Lift mechanism (symmetrical)**



| Power factor LF | Opening angle [1] | Part no. |
|---|---|---|
| 200–1000 | 105° | 20K1101 |
| 500–1500 | 105° | 20K1301 |
| 800–1800 | 105° | 20K1501 |

**Note**
The power factor LF is doubled when used on two sides
[1] For hinges with smaller opening angles, these are limited by the hinges

**1 ■ Lift mechanism, symmetrical, for TIP-ON**



| Power factor LF | Opening angle [1] | Part no. |
|---|---|---|
| 180–800 | 105° | 20K1101T |
| 500–1200 | 105° | 20K1301T |
| 800–1600 | 105° | 20K1501T |

**Note**
The power factor LF is doubled when used on two sides
[1] For hinges with smaller opening angles, these are limited by the hinges

**2 ☐■ Cabinet fixing**



| Fixing method | Part no. |
|---|---|
| Screw-on | 20K5101 |
| EXPANDO | 20K51E1 |

**4 ☐■ Front fixing bracket**



| Version | Fixing method | Part no. |
|---|---|---|
| Wooden fronts and wide alu frames | Screw-on [2] | 20K4101 |
| Wooden fronts | EXPANDO | 20K41E1 |
| Narrow alu frames | Screw-on | 20K4101A |

[2] Use 2 chipboard screws (609.1x00) for wooden fronts
[2] Use 2 counter sunk self tapping screws (660.0950) for wide alu frames

**6 ■ TIP-ON set**



| Version | Cabinet height KH (mm) | Part no. |
|---|---|---|
| Short version | Up to 600 | 956.1004 |

**Composed of:**

| | |
|---|---|
| 6a | 1 x TIP-ON |
| 6b | 1 x Screw-on catch plate |
| 6c | 1 x Glue-on catch plate |
| – | 1 x Chipboard screw 609.1500 |

**10 ☐ CLIP top BLUMOTION 110° hinge**
**Recommendation**



| Boss | Spring | Part no. |
|---|---|---|
| INSERTA | With spring | 71B3590 |
| Screw-on | With spring [2] | 71B3550 |

3 hinges starting at cabinet width KB 900 mm and/or starting at power factor LF 1800
4 hinges with cabinet width KB 1200 mm and/or starting at power factor LF 2700
**Alternative**
CLIP top BLUMOTION hinges: 107°, profile door, 95° aluminium frame hinge and/or
CLIP top hinges: 100°, 107°, profile door, 95° aluminium frame hinge in combination with BLUMOTION 973A – clip-on version

**10 ■ CLIP top 110° hinge**
**Recommendation**



| Boss | Spring | Part no. |
|---|---|---|
| INSERTA | Unsprung | 70T3590.TL |
| Screw-on | Unsprung [2] | 70T3550.TL |

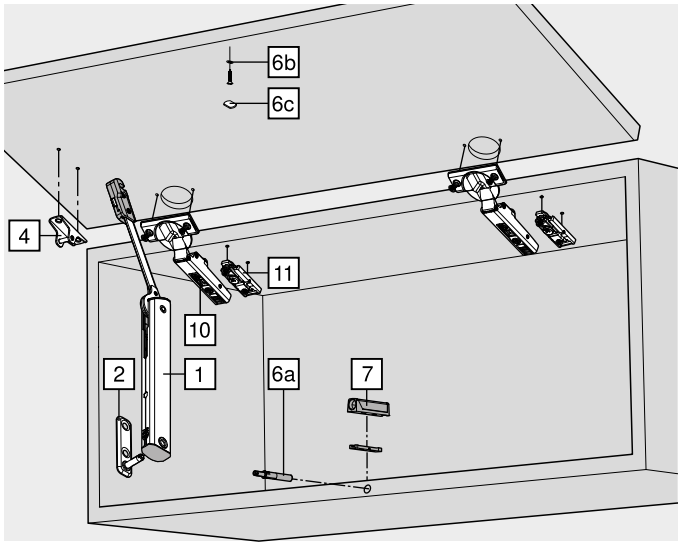
3 hinges starting at cabinet width KB 900 mm and/or starting at power factor LF 1800
4 hinges with cabinet width KB 1200 mm and/or starting at power factor LF 2700
**Alternative**
CLIP top hinges: 100°, 107°, profile door, 95° aluminium frame hinge (unsprung hinge)

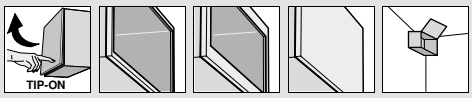
**11 ☐■ Mounting plate**
**Recommendation**



| Fixing method | Spacing (mm) | Part no. |
|---|---|---|
| Screw-on | 0 [2] | 175H3100 |
| EXPANDO | 0 | 177H3100E |

Standard mounting plates, distance depends on the top gap








## Wooden fronts, wide and narrow alu frames

Webcode DQDDVY

### Order information

**a Accessories**

**– Opening angle stop**



| Opening angle | Colour | Part no. |
|---|---|---|
| 86° | TGR | 70T3553 |

For CLIP top BLUMOTION 110° | CLIP top 110° hinge

**7 Adapter plate**



| Version | Colour | Part no. |
|---|---|---|
| Inline adapter plate – short version | SW \| TS \| R7036 \| NI-L | 956.1201 |
| Cruciform adapter plate – long version | R7036 | 956A1501 |

| Colour | | Colour | |
|---|---|---|---|
| HGR | Light grey | R7036 | RAL 7036 platinum grey |
| SW | Silk white | R7037 | RAL 7037 dust grey |
| TGR | Dark grey | NI-L | Nickel lacquered |
| TS | Terra black | | |

### Page instructions

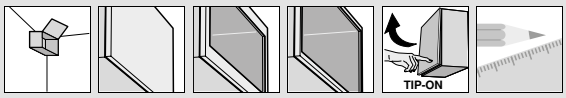

| | |
|---|---|
| Overview – AVENTOS HK-XS | 81 |
| Mounting plates | 172 |
| Planning | 84 |
| Accessories – general | 88 |
| Overview – assembly devices | 595 |
| Reference values for door weights | 692 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a160

# Lift systems

► AVENTOS HK-XS – stay lift
►► Standard | TIP-ON

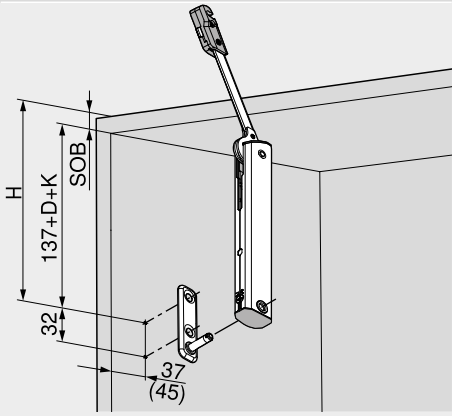



## Wooden fronts, wide and narrow alu frames

Webcode DQDDVY

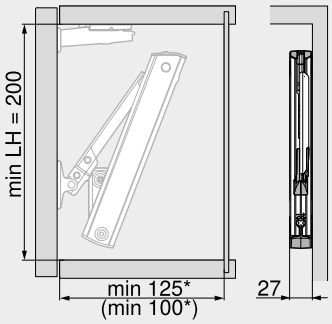
### Planning

#### Drilling position

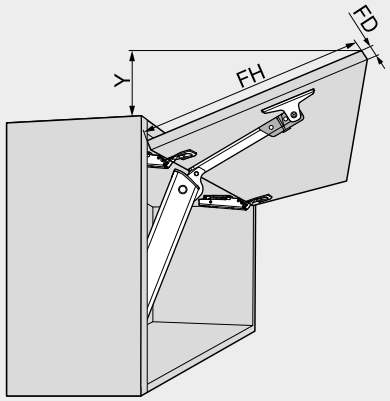



H = 137 + D + K + SOB
D Mounting plate spacing
K Cranking of hinge arm
SOB Top panel thickness
() Internal cabinet depth 100 mm

#### Space requirement




LH Internal cabinet height
* Min. 200 mm with visible wall hanging bracket



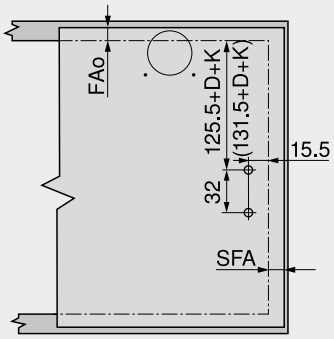

**CLIP top BLUMOTION 110° hinge**

Y = (FH – X) x 0.3

| Front thickness FD (mm) | 16 | 19 | 22 | 24 |
|---|---|---|---|---|
| X (mm) | 45 | 34 | 23 | 15 |

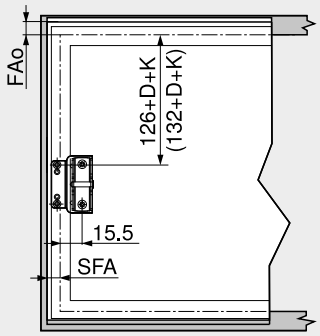
FH Front height

#### Front assembly – wooden fronts and wide alu frames



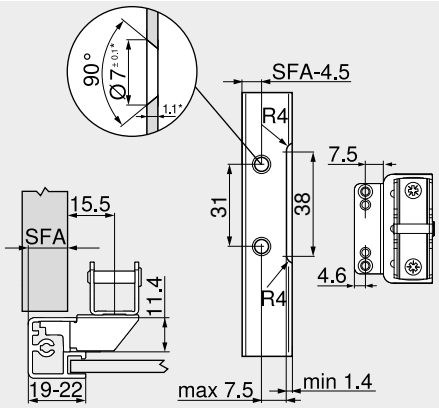

Use 2 chipboard screws (609.1x00) for wooden fronts
Use 2 counter sunk self tapping screws (660.0950) for wide alu frames
FAo Upper front overlay
SFA Front overlay of the side panel
D Mounting plate spacing
K Cranking of hinge arm
() Internal cabinet depth 100 mm

#### Front assembly – narrow alu frames



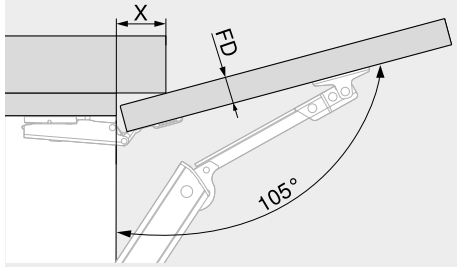

FAo Upper front overlay
SFA Front overlay of the side panel
D Mounting plate spacing
K Cranking of hinge arm
() Internal cabinet depth 100 mm

#### Planning – narrow alu frames




For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

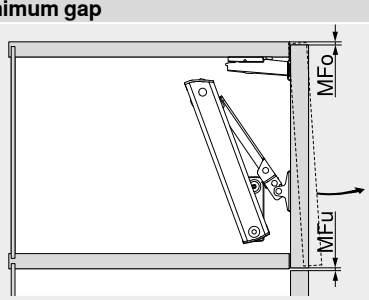
#### Space requirement – cornice | crown



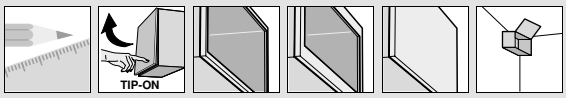

**CLIP top BLUMOTION 110° hinge**

| Front thickness FD (mm) | 16 | 19 | 22 | 24 |
|---|---|---|---|---|
| X (mm) | 45 | 34 | 23 | 15 |

#### Minimum gap




MFo Minimum gap at the top depending on the hinge used
MFu Minimum gap at the bottom 1.5 mm




## Wooden fronts, wide and narrow alu frames

Webcode DQDDVY

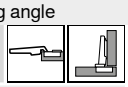
### Planning

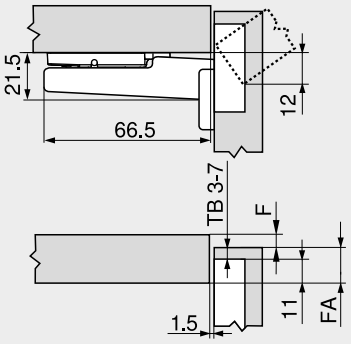
**CLIP top BLUMOTION 110° | CLIP top 110°**

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

**Overlay application**






| | |
|---|---|
| F | Gap |
| FA | Front overlay |
| TB | Drilling distance |

**Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting**




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 28 | 30 |
| 3 | 0.5 | 0.8 | 1.0 | 1.2 | 1.5 | 1.8 | 2.2 | 2.7 | 3.5 | 4.3 | △ | △ |
| 4 | 0.5 | 0.8 | 1.0 | 1.2 | 1.4 | 1.7 | 2.0 | 2.5 | 3.1 | 3.8 | △ | △ |
| 5 | 0.5 | 0.8 | 0.9 | 1.2 | 1.4 | 1.7 | 2.0 | 2.4 | 2.9 | 3.4 | △ | △ |
| 6 | 0.5 | 0.8 | 0.9 | 1.2 | 1.3 | 1.6 | 1.9 | 2.3 | 2.7 | 3.2 | △ | △ |
| 7 | 0.5 | 0.8 | 0.9 | 1.1 | 1.3 | 1.6 | 1.9 | 2.2 | 2.6 | 3.0 | △ | △ |
| Additional for +2 mm height adjustment | | | | | | | | | | | | |
| | +0.2 | +0.4 | +0.4 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | | |

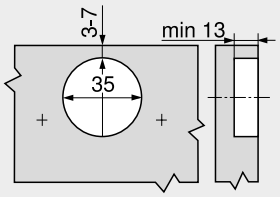
△ In these cases a trial is recommended

**Drilling distance TB**

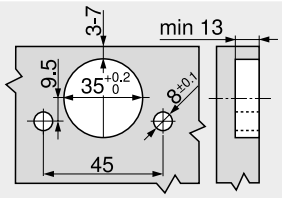
| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |

MD Mounting plate spacing (mm)

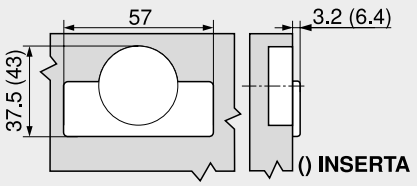
**Screw-on**




**INSERTA | knock-in**




**Hinge boss dimensions**




**Page instructions**


| | |
|---|---|
| Overview – AVENTOS HK-XS | 81 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a160

# Lift systems






## TIP-ON 956. – short version with magnet



- For stay lifts up to a height of 600 mm
- For use with unsprung Blum hinges
- For drilling or in combination with adapter plates
- Output path approx. 17 mm
- Setting +4/–1 mm

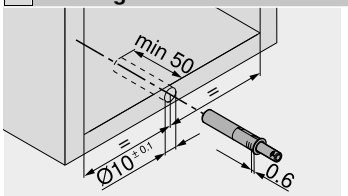
### Order information

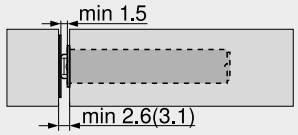
| Colour | Part no. |
|---|---|
| SW \| TS \| R7036 | 956.1004 |

**Composed of:**

| | |
|---|---|
| 1 x | TIP-ON 956. – short version with magnet |
| 1 x | Screw-on catch plate |
| 1 x | Glue-on catch plate |
| SW | Silk white |
| TS | Terra black |
| R7036 | RAL 7036 platinum grey |

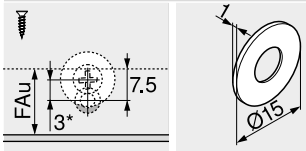
### Planning



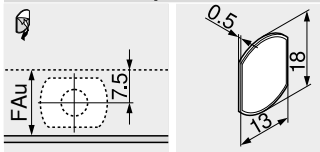

() Screw-on catch plate

#### Screw-on catch plate




FAu Bottom front overlay
* 3 mm offset installation

#### Glue-on catch plate




FAu Bottom front overlay

### Page instructions

| | |
|---|---|
| Overview – AVENTOS HK-XS | 81 |
| Accessories – straight adapter plates | 87 |
| Accessories – cruciform adapter plates | 87 |

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a160**

**Assembly**

| | |
|---|---|
| Drilling template for BLUMOTION \| TIP-ON | 652 |
| Positioning template for catch plate | 673 |
| PRO-CENTER | 602 |

## Inline adapter plate – short version 20/17

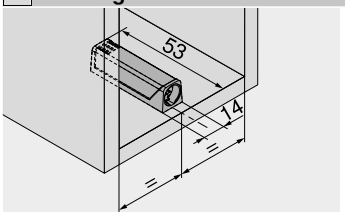


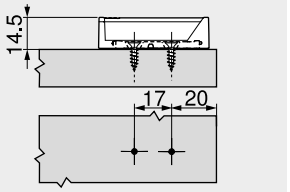
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

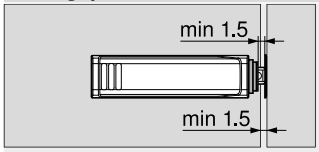
| Colour | | Part no. |
|---|---|---|
| SW \| TS \| R7036 \| NI-L | | 956.1201 |
| SW | Silk white | |
| TS | Terra black | |
| R7036 | RAL 7036 platinum grey | |
| NI-L | Nickel lacquered | |

### Planning

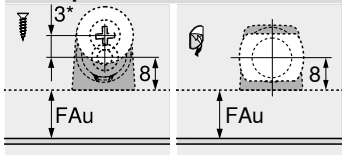



### Front gap




### Catch plate




FAu Bottom front overlay
* 3 mm offset installation

## Cruciform adapter plate – long version 37/32

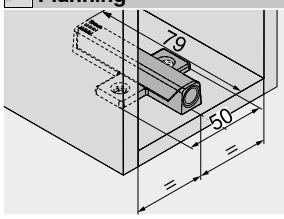


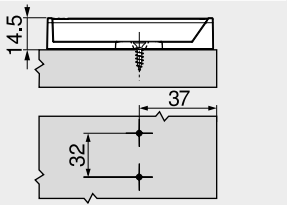
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

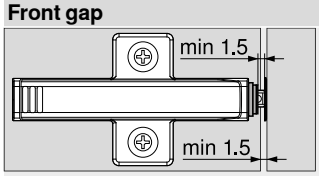
| Colour | | Part no. |
|---|---|---|
| R7036 | | 956A1501 |
| R7036 | RAL 7036 platinum grey | |

### Planning

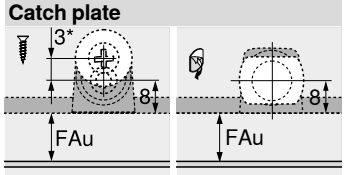



### Front gap




### Catch plate




FAu Bottom front overlay
* 3 mm offset installation

### Page instructions

| | |
|---|---|
| Overview – AVENTOS HK-XS | 81 |
| **Assembly, removal and adjustment** | |
| **Short-URL** | |
| **www.blum.com/a160** | |

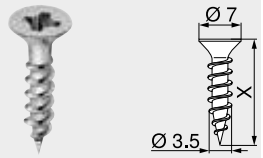
| **Assembly** | |
|---|---|
| Template | 650 |
| Drilling template for mounting plates | 651 |
| Positioning template for catch plate | 673 |
| PRO-CENTER | 602 |
| MINIPRESS PRO | 606 |
| MINIPRESS P | 618 |
| MINIPRESS M | 622 |

# Lift systems



a

## Chipboard screws — Ø 3.5 mm

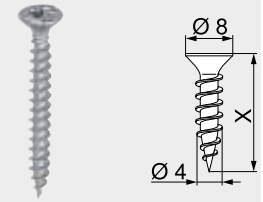



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## Chipboard screws — Ø 4.0 mm

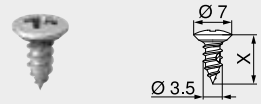



- For fixing lift mechanisms
- Ø 4 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 35 | 664.3500 |

## Counter sunk self tapping screws — Ø 3.5 mm

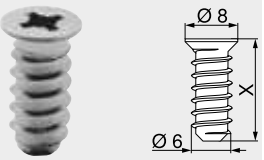



- For front fixing brackets on wide alu frames
- Ø 3.5 mm
- Drilling diameter Ø 2.6 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 9.5 | 660.0950 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

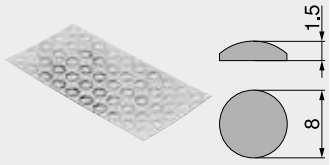


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver



- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## Cross slot bit



- Screw bit
- PZ (Pozi) size 2
- Material: steel
- Suitable for adjusting lift mechanisms

**Order information**

| Description | Part no. |
|---|---|
| Cross slot bit | 740.749.1 |

## Blum distance bumper



- For SERVO-DRIVE
- Material: nylon
- Colour: RAL 7037 dust grey

**Order information**

| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

# Hinge systems





There are many reasons to choose hinges from Blum: High quality, durability, easy assembly, comprehensive programme, variety of special solutions and an attractive design.

- BLUMOTION – silent and effortless closing action
- For CLIP top BLUMOTION integrated into the hinge boss
- Or as a BLUMOTION retrofit part for optional use with CLIP top hinges
- Quick, easy assembly and removal due to CLIP technology
- An extensive hinge programme that offers the right solution for any application

**CLIP top BLUMOTION – hinges**



The CLIP top BLUMOTION hinge is setting new benchmarks: It concentrates maximum ease of use into the smallest of spaces. BLUMOTION is integrated into the hinge ensuring tan unchanged installation size

**CLIP top – hinges**



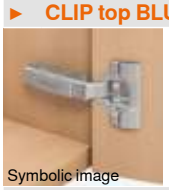
This proven classic in the Blum hinge programme combines reliable function, easy adjustment and assembly as well as an attractive design. BLUMOTION or TIP-ON for doors are also available as options

**MODUL – hinges**



Simple “slide-on” door to cabinet assembly

## ▶ CLIP top BLUMOTION | CLIP top – hinges


Symbolic image

▶ CLIP top BLUMOTION | CLIP top – hinges 92
▶▶ Overview 93
▶▶ Overview – hinges 94
▶▶ Overview – angled applications 136
▶▶ Mounting plates 172
▶▶ Angled spacers 178
▶▶ Accessories 181

## ▶ BLUMOTION for doors


Symbolic image

▶ BLUMOTION for doors 184
▶▶ Overview 185
▶▶ Accessories 196

## ▶ TIP-ON for doors


Symbolic image

▶ TIP-ON for doors 198
▶▶ Overview 199
▶▶ Accessories 201

## ▶ MODUL – hinges


Symbolic image

▶ MODUL – hinges 202
▶▶ Overview 203
▶▶ Mounting plates 210
▶▶ Accessories 213

## CLIP top BLUMOTION is setting new benchmarks




With CLIP top BLUMOTION everything "is included", because BLUMOTION, our function for silent and effortless closing, is now integrated into the boss.

- With integrated **BLUMOTION** (with deactivation option)
- Compatible with all CLIP mounting plates
- Extremely reliable CLIP mechanism
- Compatible with all CLIP mounting plates
- Tool-free assembly and removal
- 110° standard hinges for door thicknesses up to approx. 24 mm
- 107° standard hinges for door thicknesses of 15 mm and above
- Special hinges available, e.g. for 0-protrusion, glass doors and thin doors





New furniture manufacturing design trends are opening up even more options for customisation, including thin fronts made from a wide range of materials and dark-coloured furniture. The CLIP top BLUMOTION hinge for thin doors, with the EXPANDO T special fixing, and the onyx black colour variant make it possible to implement these trends in line with Blum's usual high quality standards



You have the option of deactivating BLUMOTION if required



The proven CLIP mechanism stands for simple, tool-free hinge assembly



The INSERTA mechanism enables tool-free fixing of the hinge



Hinges for angled solutions from –50° to +50°

## Hinge systems


Symbolic image


| | |
|---|---|
| Overview – hinge systems | 91 |
| ► BLUMOTION for doors | 184 |
| ► TIP-ON for doors | 198 |
| ► MODUL – hinges | 202 |


## ►► Overview


Symbolic image


| | |
|---|---|
| ►► Overview – hinges | 94 |
| ►► Overview – angled applications | 136 |
| ►► Mounting plates | 172 |
| ►► Angled spacers | 178 |


## ►► Accessories


Symbolic image


| | |
|---|---|
| Hinge arm cover cap | 181 |
| Hinge boss cover cap | 183 |
| Hinge boss spacing | 183 |
| Screws | 182 |
| Centre bit | 182 |
| Door buffer | 182 |
| Screwdriver | 182 |


## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

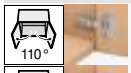
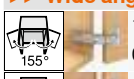
Short-URL
www.blum.com/a210

## Pictograph

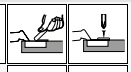
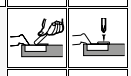
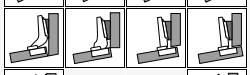
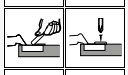
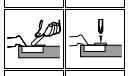
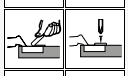
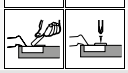
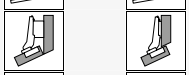
- Item Available Upon Request
- Accessories
- General Information
- Opening angle
- BLUMOTION for doors
- TIP-ON for doors
- All 4 edges
- Side
- Overlay application
- Dual application
- Inset application
- Special application
- Blind corner application
- Corner cabinet with bi-fold door
- Angled application inset
- Angled application half overlay
- Angled application overlay
- Angled application max. overlay
- Angled application mitered
- Hinge with straight hinge arm
- Hinge with cranked hinge arm
- Hinge with double cranked hinge arm
- EXPANDO T
- INSERTA boss
- Screw-on boss
- Knock-in boss
- Knock-in boss – assembly with insertion ram only
- CRISTALLO adhesion plate
- Min. chipboard screw length
- Horizontal mounting plate
- Cruciform mounting plate
- Angled spacers
- Hinge arm cover cap
- Planning

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Overview – hinges

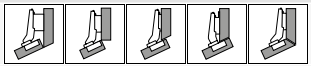
| Hinge applications | CLIP top BLUMOTION | CLIP top | Colour | Application | Boss Fixing | Web-code | Page |
|---|---|---|---|---|---|---|---|
| **►► Standard application** | | | | | | | |
|  110° hinge | ● | ● \| ○ | NI \| ONS | | | DQDELA | 96 |
|  110° special hinge | ● | ● \| ○ | NI \| ONS | | | DQDFAM | 98 |
|  107° hinge | ● | ● \| ○ | NI \| ONS | | | DQDFZY | 100 |
|  CLIP 100° hinge | | ● \| ○ | NI | | | DQDGPA | 102 |
| **►► Wide angled application** | | | | | | | |
|  155° hinge 0-protrusion | ● | ● \| ○ | NI \| ONS | | | DQDHEM | 104 |
|  170° hinge | | ● \| ○ | NI | | | DQDI3Y | 108 |
| **►► Profile door application** | | | | | | | |
|  Profile/thick door hinge | ● | ● \| ○ | NI \| ONS | | | DQDITA | 110 |
|  125° hinge 0-protrusion | ● | | NI | | | DQDJIM | 112 |
| **►► Blind corner application** | | | | | | | |
|  Blind corner hinge inset application | ● | ○ | NI \| ONS | | | DQDK7Y | 114 |
|  Blind corner hinge overlay application | ● | | NI | | | DQDKXA | 116 |
| **►► Aluminium frame application** | | | | | | | |
|  CLIP top BLUMOTION 95° aluminium frame door hinge | ● | | NI | | | DQDLMM | 118 |
|  95° aluminium frame door hinge | | ● \| ○ | NI \| ONS | | | DQDMBY | 120 |
| **►► Thin door application** | | | | | | | |
|  Hinge for thin doors | ● | ● \| ○ | NI \| ONS | | | DQGT1A | 122 |
| **►► Glass door application** | | | | | | | |
|  CRISTALLO hinge | ● | ● \| ○ | NI \| ONS | | | DQDN1A | 124 |
|  CRISTALLO hinge – glass display cabinets | ● | ● \| ○ | NI | | | DQDNQM | 126 |
|  Bathroom mirror cabinets with fronts that protrude all the way around | ● | ○ | NI | | | | 128 |
|  Glass door hinge | | ● | NI | | | DQDP5A | 130 |
| **►► Frame door application** | | | | | | | |
|  Mini-hinge | | ● | NI | | | DQDPUM | 132 |
| **►► Corner cabinet solution** | | | | | | | |
|  Corner cabinet bi-fold hinge | | ● | NI | | | DQDQJY | 134 |
| **►► Angled application – standard** | | | | | | | |
|  +45° I – angled hinge half overlay | ● | ○ | NI \| ONS | | | DQDR9A | 138 |
|  +45° II – angled hinge overlay | ● | ○ | NI \| ONS | | | DQDRYM | 140 |
|  +45° III – angled hinge full overlay | ● | ○ | NI | | | DQDSNY | 142 |
|  +30° II – angled hinge overlay | ● | ○ | NI \| ONS | | | DQDTDA | 144 |
|  +30° III – angled hinge full overlay | ● | ○ | NI | | | DQDU2M | 146 |

● With spring ○ Unsprung NI Nickel plated ONS Onyx black

| Hinge applications | | CLIP top BLUMOTION | CLIP top | Colour | Application | Boss Fixing | Web-code | Page |
|---|---|---|---|---|---|---|---|---|
| **▸▸ Angled application – standard** | | | | | | | | |
|  | +20° II – angled hinge overlay | ● | ○ | NI |  |  | DQDURY | 148 |
|  | +15° III – angled hinge full overlay | ● | ○ | NI \| ONS |  |  | DQDVHA | 150 |
|  | ±5° angled application | ● | ● \| ○ | NI |  |  | DQDW6M | 152 |
|  | –15° III – angled hinge full overlay | ● | ○ | NI |  |  | DQDWVY | 154 |
|  | –30° III – angled hinge full overlay | ● | ○ | NI |  |  | DQDXLA | 156 |
|  | –45° III – angled hinge full overlay | ● | ○ | NI |  |  | DQDYAM | 158 |
| **▸▸ Angled application – thin doors** | | | | | | | | |
|  | Hinge for thin doors – angled application | ● | ● \| ○ | NI |  |  | | 160 |
| **▸▸ Angled application – glass door** | | | | | | | | |
|  | CRISTALLO angled application | ● | ● \| ○ | NI |  |  | | 162 |
|  | +45° angled hinge for glass doors | | ● | NI |  |  | | 164 |
|  | ±5° angled application for glass doors | | ● | NI |  |  | | 166 |
| **▸▸ Angled application – frame door** | | | | | | | | |
|  | +45° angled hinge with mini boss | | ● | NI |  |  | | 168 |
|  | ±5° angled application with mini boss | | ● | NI |  |  | | 170 |

● With spring ○ Unsprung NI Nickel plated ONS Onyx black

**▸▸ Overview – angled applications**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
|  | Angled application Nº 1–117 | | | |  | | | 136 |

**▸▸ Mounting plates**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
|  | Mounting plates | | | | | | | 172 |

**▸▸ Angled spacers**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
|  | Angled spacers | | | | | | | 178 |

**Number of Hinges**




* Door weight FG (kg)

The number of hinges depends on the door weight and front height

To achieve good stability, distances between hinges should be as large as possible

Information on weight and height apply to a standard door width of 600 mm

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges

►► Standard application



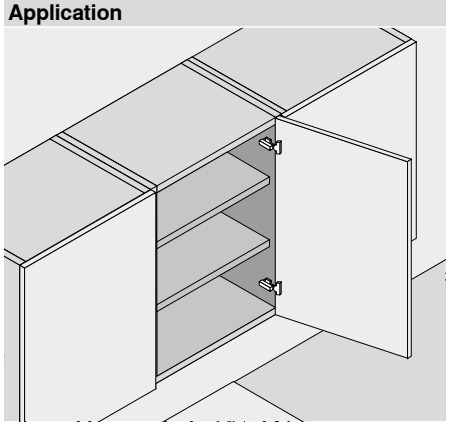

## 110° hinge

Webcode DQDELA



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- All metal hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



## Order information

### Overlay application

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B3590 |
| CLIP top | ● | NI | 71T3590 |
| CLIP top | ○ | NI | 70T3590.TL |

● With spring ○ Unsprung — NI Nickel plated, ONS Onyx black

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B3550 |
| CLIP top | ● | NI | 71T3550 |
| CLIP top | ○ | NI | 70T3550.TL |

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B3580 |
| CLIP top | ● | NI | 71T3580 |

**Accessories**

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1503 |
| Stamped | Blum | NI \| ONS | 70.1503.BP |

### Dual application

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B3690 |
| CLIP top | ● | NI | 71T3690 |
| CLIP top | ○ | NI | 70T3690.TL |

● With spring ○ Unsprung — NI Nickel plated, ONS Onyx black

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B3650 |
| CLIP top | ● | NI | 71T3650 |
| CLIP top | ○ | NI | 70T3650.TL |

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B3680 |
| CLIP top | ● | NI | 71T3680 |

**Accessories**

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### Inset application

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B3790 |
| CLIP top | ● | NI | 71T3790 |
| CLIP top | ○ | NI | 70T3790.TL |

● With spring ○ Unsprung — NI Nickel plated, ONS Onyx black

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B3750 |
| CLIP top | ● | NI | 71T3750 |
| CLIP top | ○ | NI | 70T3750.TL |

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B3780 |
| CLIP top | ● | NI | 71T3780 |

**Accessories**

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

## Accessories – general

**Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 86° | Black | 70T3553 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T3504 |

NI Nickel plated ONS Onyx black

**Hinge boss spacing**

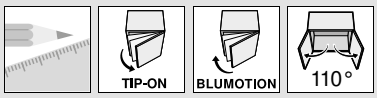
| Hinge | Spacing (mm) | Part no. |
|---|---|---|
| CLIP top BLUMOTION | 1.5 | 70T3507.21 |
| CLIP top | 1.5 | 70T3507.21 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |






## 110° hinge

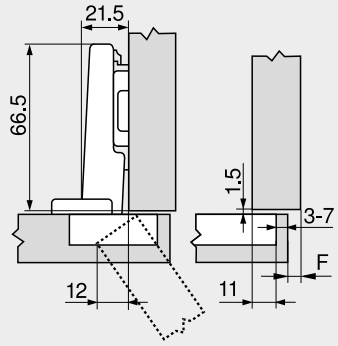
Webcode
DQDELA

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

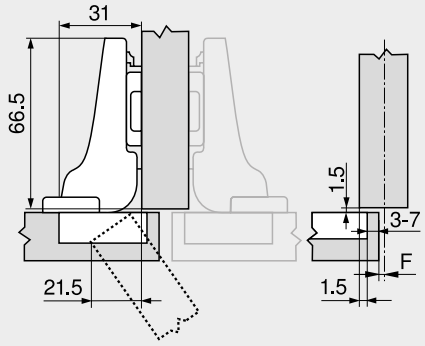
Hinge and front protrusion at full opening angle

#### Overlay application

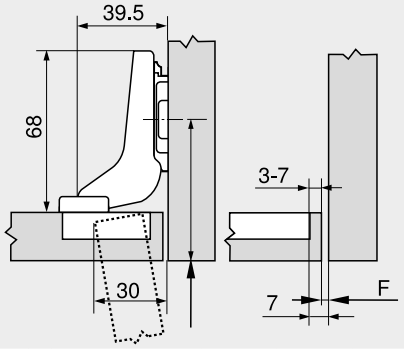



F Gap

#### Dual application




#### Inset application




Set mounting plate back by door thickness +1.5 mm

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -4.5 | -3.5 | -2.5 | -1.5 | -0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | –7 | –6 | –5 | –4 | –3 | –2 | –1 | 0 | |
| 0 | | | | 3 | 4 | 5 | 6 | 7 | |
| 3 | 3 | 4 | 5 | 6 | 7 | | | | |
| 6 | | | | | | | | | |
| 9 | | | | | | | | | |

MD Mounting plate spacing (mm)

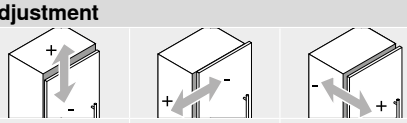
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 28 | 30 |
| 3 | 0.5 | 0.8 | 1.0 | 1.2 | 1.5 | 1.8 | 2.2 | 2.7 | 3.5 | 4.3 | △ | △ |
| 4 | 0.5 | 0.8 | 1.0 | 1.2 | 1.4 | 1.7 | 2.0 | 2.5 | 3.1 | 3.8 | △ | △ |
| 5 | 0.5 | 0.8 | 0.9 | 1.2 | 1.4 | 1.7 | 2.0 | 2.4 | 2.9 | 3.4 | △ | △ |
| 6 | 0.5 | 0.8 | 0.9 | 1.2 | 1.3 | 1.6 | 1.9 | 2.3 | 2.7 | 3.2 | △ | △ |
| 7 | 0.5 | 0.8 | 0.9 | 1.1 | 1.3 | 1.6 | 1.9 | 2.2 | 2.6 | 3.0 | △ | △ |
| **Additional for +2 mm side adjustment** | | | | | | | | | | | | |
| | +0.2 | +0.4 | +0.4 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | | |

△ In these cases a trial is recommended

### Adjustment

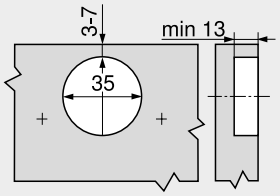


Max. ±3.0 mm
See mounting plates

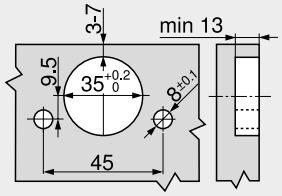
±2.0 mm

+3.0 mm
–2.0 mm

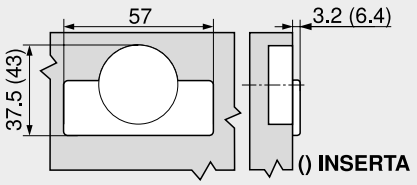
### Screw-on




### INSERTA | knock-in




### Hinge boss dimensions




### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Standard application



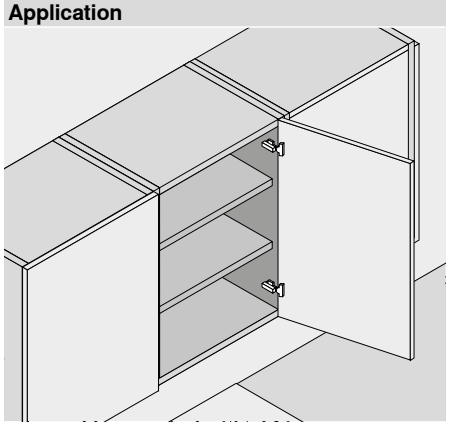

## 110° special hinge

Webcode DQDFAM



- **Hinge with larger overlay capacity for thick cabinet sides**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- All metal hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



### Order information

**Overlay application**

**Boss** — **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 73B3590 |
| CLIP top | ● | NI | 73T3590 |
| CLIP top | ○ | NI | 72T3590.TL |

● With spring ○ Unsprung — NI Nickel plated, ONS Onyx black

**Boss** — **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 73B3550 |
| CLIP top | ● | NI | 73T3550 |
| CLIP top | ○ | NI | 72T3550.TL |

**Boss** — **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 73B3580 |
| CLIP top | ● | NI | 73T3580 |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1503 |
| Stamped | Blum | NI \| ONS | 70.1503.BP |

### Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

### a Accessories – general

**Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 86° | Black | 70T3553 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T3504 |

NI Nickel plated ONS Onyx black

**Hinge boss spacing**

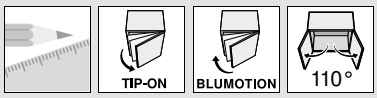
| Hinge | Spacing (mm) | Part no. |
|---|---|---|
| CLIP top BLUMOTION | 1.5 | 70T3507.21 |
| CLIP top | 1.5 | 70T3507.21 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |








## 110° special hinge

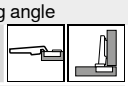
Webcode
DQDFAM

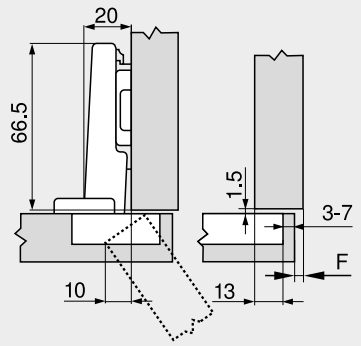
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

### Overlay application





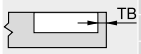

F Gap

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |

MD Mounting plate spacing (mm)

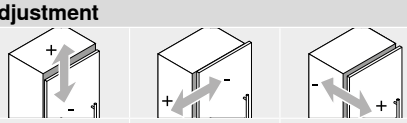
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 28 | 30 |
| 3 | 0.5 | 0.8 | 1.0 | 1.2 | 1.5 | 1.8 | 2.2 | 2.7 | 3.5 | 4.3 | △ | △ |
| 4 | 0.5 | 0.8 | 1.0 | 1.2 | 1.4 | 1.7 | 2.0 | 2.5 | 3.1 | 3.8 | △ | △ |
| 5 | 0.5 | 0.8 | 0.9 | 1.2 | 1.4 | 1.7 | 2.0 | 2.4 | 2.9 | 3.4 | △ | △ |
| 6 | 0.5 | 0.8 | 0.9 | 1.2 | 1.3 | 1.6 | 1.9 | 2.3 | 2.7 | 3.2 | △ | △ |
| 7 | 0.5 | 0.8 | 0.9 | 1.1 | 1.3 | 1.6 | 1.9 | 2.2 | 2.6 | 3.0 | △ | △ |
| **Additional for +2 mm side adjustment** | | | | | | | | | | | | |
| | +0.2 | +0.4 | +0.4 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | +0.5 | | |

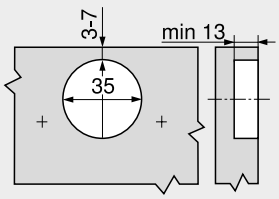
△ In these cases a trial is recommended

### Adjustment

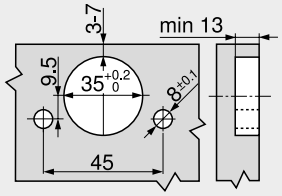


| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

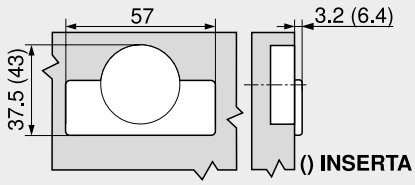
### Screw-on




### INSERTA | knock-in




### Hinge boss dimensions




### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges

►► Standard application



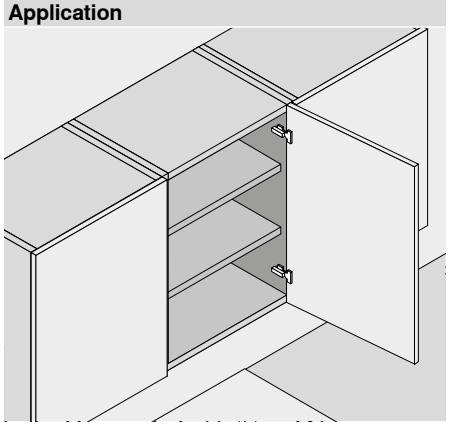

## 107° hinge

Webcode DQDFZY



- **For front thicknesses starting from 15 mm**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- All metal hinge
- 107° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



## Order information

### Overlay application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | ☎ 75T1590B |
| CLIP top | ○ | NI | ☎ 74T1590BTL |

● With spring ○ Unsprung | NI Nickel plated | ONS Onyx black

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | ☎ 75B1550 |
| CLIP top | ● | NI | ☎ 75T1550 |
| CLIP top | ○ | NI | ☎ 74T1550.TL |

**Boss | Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | ☎ 75B1580 |
| CLIP top | ● | NI | ☎ 75T1580 |

### Dual application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | ☎ 75T1690B |
| CLIP top | ○ | NI | ☎ 74T1690BTL |

● With spring ○ Unsprung | NI Nickel plated | ONS Onyx black

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | ☎ 75B1650 |
| CLIP top | ● | NI | ☎ 75T1650 |
| CLIP top | ○ | NI | ☎ 74T1650.TL |

**Boss | Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | ☎ 75B1680 |
| CLIP top | ● | NI | ☎ 75T1680 |

### Inset application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | ☎ 75T1790B |
| CLIP top | ○ | NI | ☎ 74T1790BTL |

● With spring ○ Unsprung | NI Nickel plated | ONS Onyx black

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | ☎ 75B1750 |
| CLIP top | ● | NI | ☎ 75T1750 |
| CLIP top | ○ | NI | ☎ 74T1750.TL |

**Boss | Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | ☎ 75B1780 |
| CLIP top | ● | NI | ☎ 75T1780 |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1503 |
| Stamped | Blum | NI \| ONS | 70.1503.BP |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

## a Accessories – general

**Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 86° | Black | ☎ 74.1103 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T1504 |

NI Nickel plated ONS Onyx black

**Hinge boss spacing**

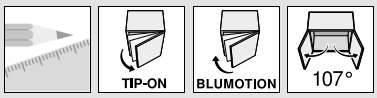
| Hinge | Spacing (mm) | Part no. |
|---|---|---|
| CLIP top BLUMOTION | 1.5 | 70T3507.21 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |








## 107° hinge

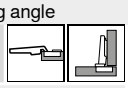
Webcode DQDFZY

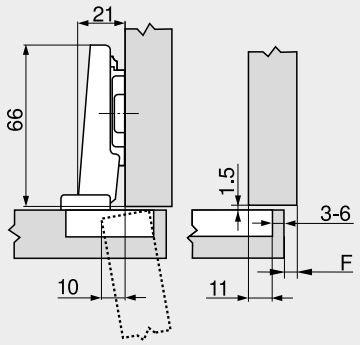
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

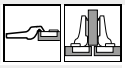
#### Overlay application

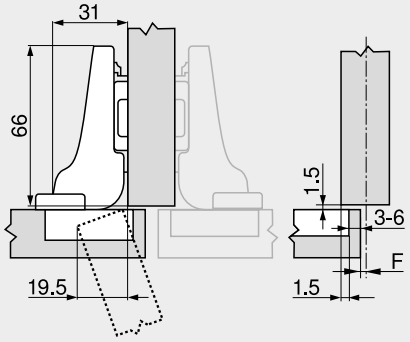




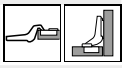

F Gap

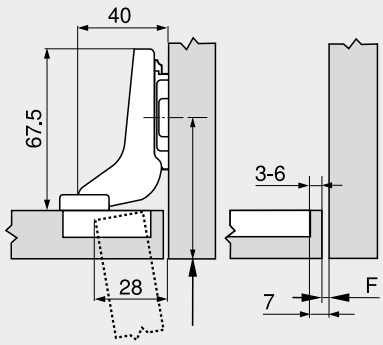
#### Dual application






#### Inset application






Set mounting plate back by door thickness +1.5 mm

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -4.5 | -3.5 | -2.5 | -1.5 | -0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | | |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | | |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | –7 | –6 | –5 | –4 | –3 | –2 | –1 | |
| 0 | | | | | | | | | | | 3 | 4 | 5 | 6 | |
| 3 | | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |

MD Mounting plate spacing (mm)

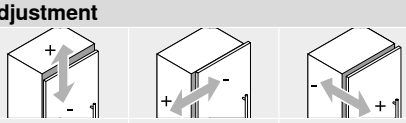
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 24 | 26 | 28 | 30 | 32 |
| 3 | 0.4 | 0.5 | 1.0 | 1.3 | 1.6 | 2.1 | 2.7 | 4.3 | ▵ | ▵ | ▵ | ▵ |
| 4 | 0.4 | 0.5 | 0.9 | 1.2 | 1.5 | 2.0 | 2.5 | 3.9 | ▵ | ▵ | ▵ | ▵ |
| 5 | 0.3 | 0.5 | 0.9 | 1.2 | 1.4 | 1.8 | 2.3 | 3.6 | ▵ | ▵ | ▵ | ▵ |
| 6 | 0.3 | 0.5 | 0.8 | 1.1 | 1.4 | 1.7 | 2.2 | 3.3 | ▵ | ▵ | ▵ | ▵ |
| Additional for +2 mm side adjustment | | | | | | | | | | | | |
| | +0.1 | +0.1 | +0.2 | +0.2 | +0.3 | +0.3 | +0.3 | +0.3 | | | | |

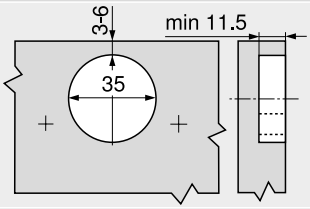
▵ In these cases a trial is recommended

### Adjustment

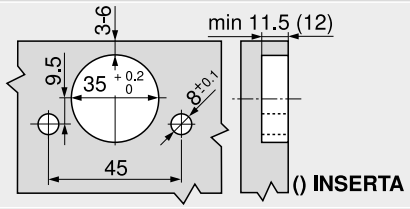


| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

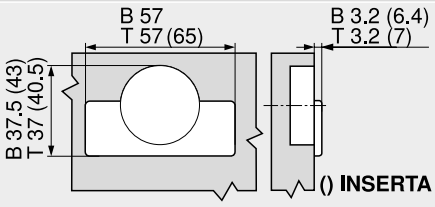
### Screw-on




### INSERTA | knock-in




### Hinge boss dimensions




B CLIP top BLUMOTION
T CLIP top

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | | |
| Accessories – general | 182 | | | | |
| Overview – BLUMOTION for doors | 185 | | | | |


Short-URL
www.blum.com/a210

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges

►► Standard application



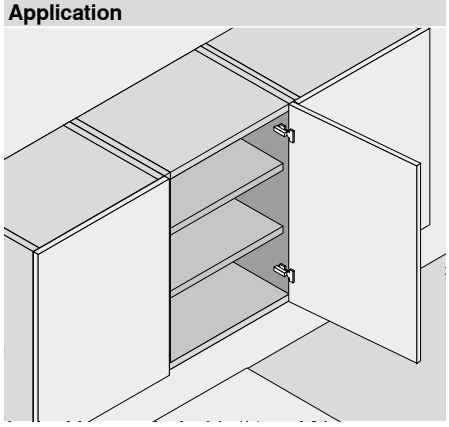

## CLIP 100° hinge

Webcode DQDGPA



- **CLIP** with or without closing mechanism (spring)
- All metal hinge
- 100° opening angle
- 3-dimensional front adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



## Order information

### Overlay application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2590B |

● With spring NI Nickel plated
○ Unsprung

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2550 |
| CLIP | ○ | NI | 70M2550.TL |

**Boss | Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2580 |
| CLIP | ○ | NI | 70M2580.TL |

#### a Accessories

**BLUMOTION 973A**

| Version | Part no. |
|---|---|
| Clip on | 973A0500.01 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 90M2503 |
| Stamped | Blum | NI | 90M2503.BP |

### Dual application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2690B |

● With spring NI Nickel plated
○ Unsprung

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2650 |
| CLIP | ○ | NI | 70M2650.TL |

**Boss | Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2680 |
| CLIP | ○ | NI | 70M2680.TL |

#### a Accessories

**BLUMOTION 973A**

| Version | Part no. |
|---|---|
| Clip on | 973A0600 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 94M3603 |
| Stamped | Blum | NI | 94M3603.BP |

### Inset application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2790B |

● With spring NI Nickel plated
○ Unsprung

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2750 |
| CLIP | ○ | NI | 70M2750.TL |

**Boss | Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP | ● | NI | 71M2780 |
| CLIP | ○ | NI | 70M2780.TL |

#### a Accessories

**BLUMOTION 973A**

| Version | Part no. |
|---|---|
| Clip on | 973A0700 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | NI | Part no. |
|---|---|---|---|
| Plain | – | NI | 94M3603 |
| Stamped | Blum | NI | 94M3603.BP |

## a Accessories – general

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

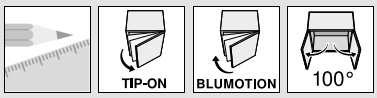
● With spring ○ Unsprung

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |






## CLIP 100° hinge

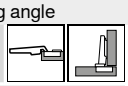
Webcode
DQDGPA

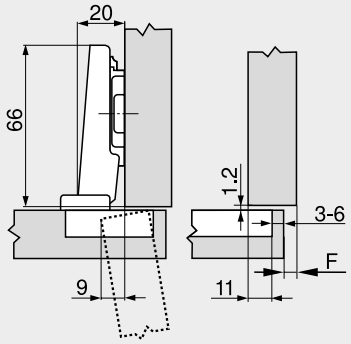
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

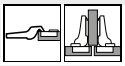
#### Overlay application

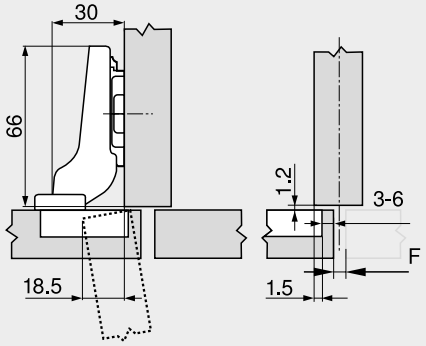




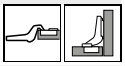

F Gap

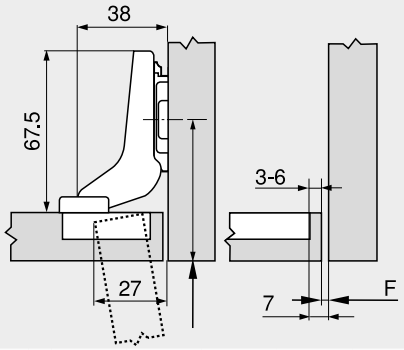
#### Dual application






#### Inset application






Set mounting plate back by door thickness +1.2 mm

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -4.5 | -3.5 | -2.5 | -1.5 | -0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | | |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | | |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | | | |
| 6 | | | | 3 | 4 | 5 | 6 | | | | | | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | –7 | –6 | –5 | –4 | –3 | –2 | –1 | |
| 0 | | | | | | | | | | | 3 | 4 | 5 | 6 | |
| 3 | | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |

MD Mounting plate spacing (mm)

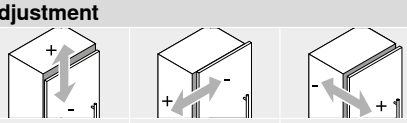
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 21 | 22 | 24 | 26 | 28 | 30 | 31 | 32 |
| 3 | 0.3 | 0.5 | 0.7 | 1.0 | 1.3 | 1.6 | 3.3 | △ | △ | △ | △ | △ |
| 4 | 0.3 | 0.5 | 0.7 | 1.0 | 1.2 | 1.6 | 3.2 | △ | △ | △ | △ | △ |
| 5 | 0.3 | 0.5 | 0.7 | 0.9 | 1.2 | 1.5 | 2.6 | △ | △ | △ | △ | △ |
| 6 | 0.3 | 0.5 | 0.7 | 0.9 | 1.1 | 1.4 | 2.4 | △ | △ | △ | △ | △ |
| Additional for +2 mm side adjustment | | | | | | | | | | | | |
| | +0.1 | +0.3 | +0.3 | +0.4 | +0.4 | +0.5 | +0.4 | | | | | |

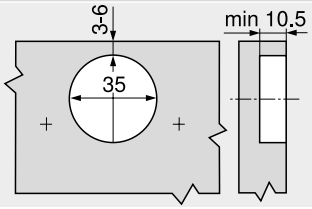
△ In these cases a trial is recommended

### Adjustment

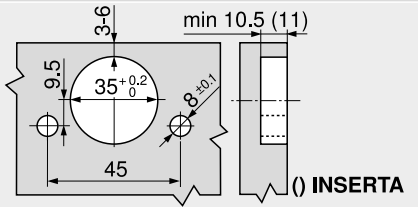


| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–1.0 mm |
|---|---|---|

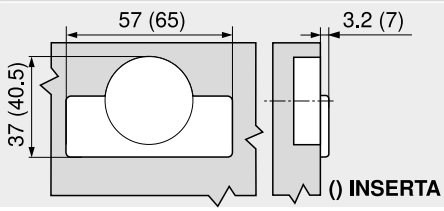
### Screw-on




### INSERTA | knock-in




### Hinge boss dimensions




### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Wide angled application



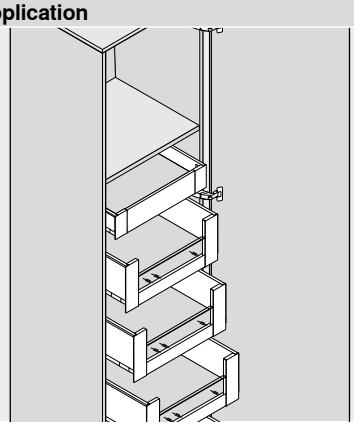

## 155° hinge

Webcode DQDHEM



- **0-protrusion for overlay application (for cabinets with inner pull-outs or pull-out surrounds)**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- All metal hinge
- 155° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



## Order information

### Overlay application 0-protrusion

**Boss – INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B7590 |
| CLIP top | ● | NI | 71T7590 |
| CLIP top | ○ | NI \| ONS | 70T7590.TL |

● With spring ○ Unsprung
NI Nickel plated ONS Onyx black

**Boss – Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B7550 |
| CLIP top | ● | NI | 71T7550 |
| CLIP top | ○ | NI \| ONS | 70T7550.TL |

**Boss – Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B7580 |
| CLIP top | ● | NI | 71T7580 |

### Dual application

**Boss – INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B7690 |
| CLIP top | ○ | NI | 70T7690.TL |

● With spring ○ Unsprung
NI Nickel plated ONS Onyx black

**Boss – Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B7650 |
| CLIP top | ● | NI | 71T7650 |
| CLIP top | ○ | NI | 70T7650.TL |

### Inset application

**For inset application use hinges for twin application and a 9 mm spaced mounting plate**

### Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

### Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

## Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

## Accessories – general

**Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 92° | Dark grey | 70T7553.09 |
| 110° | R7037 | 70T7553 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T7504 |
| CLIP top | NI \| ONS | 70T7504 |

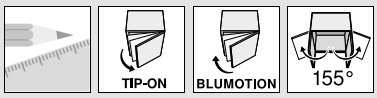
NI Nickel plated ONS Onyx black

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |








## 155° hinge

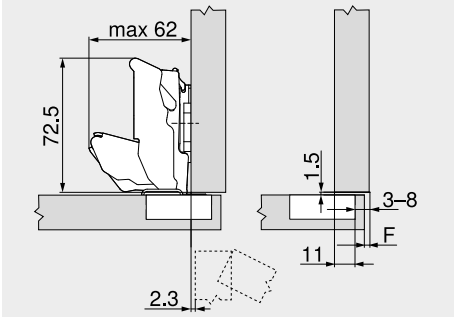
Webcode DQDHEM

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 or 9 mm)**

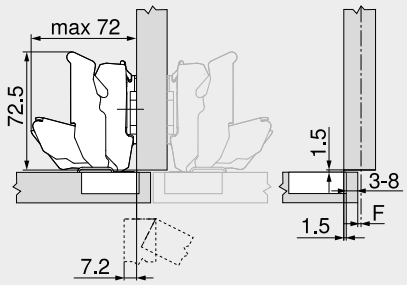
Hinge and front protrusion at 90° opening angle

#### Overlay application 0-protrusion

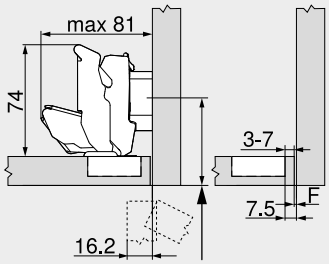



F Gap

#### Dual application




#### Inset application




Set mounting plate back by door thickness +1.5 mm

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –4.5 | –3.5 | –2.5 | –1.5 | –0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 9.5 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –4.5 | –3.5 | –2.5 | –1.5 | –0.5 | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | | |

MD Mounting plate spacing (mm)

### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting



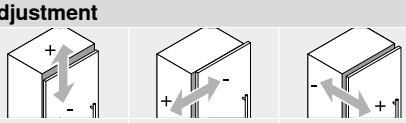

| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0.5 | 1.0 | 2.0 | 2.0 | 3.0 | 4.5 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0.5 | 1.0 | 2.0 | 2.0 | 2.5 | 4.0 | |
| 5 | 0 | 0 | 0 | 0 | 0 | 0.5 | 1.0 | 2.0 | 2.0 | 3.5 | | |
| 6 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.5 | 2.0 | 3.0 | | | |
| 7 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.5 | 2.5 | | | | |
| 8 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.5 | | | | | |

We recommend a trial application for an overlay application against a wall

110° Opening angle stop

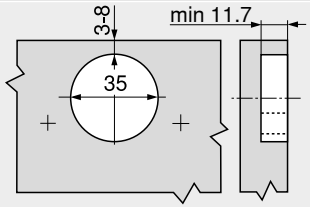
92° Opening angle stop

### Adjustment

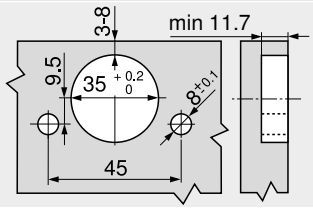


| Max. ±3.0 mm See mounting plates | ±2.0 mm | +3.0 mm –2.0 mm |
|---|---|---|

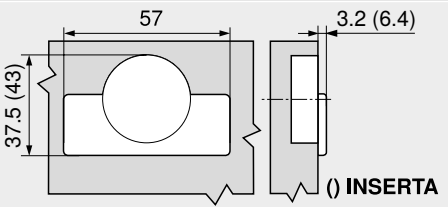
### Screw-on




### INSERTA | knock-in




### Hinge boss dimensions

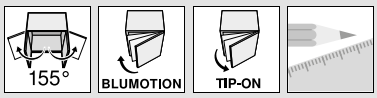



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Wide angled application



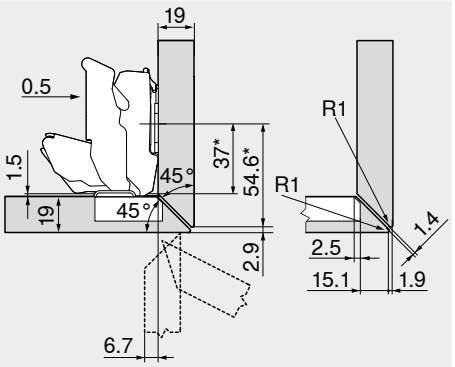

## 155° hinge

Webcode
DQDHEM

### Planning – special application

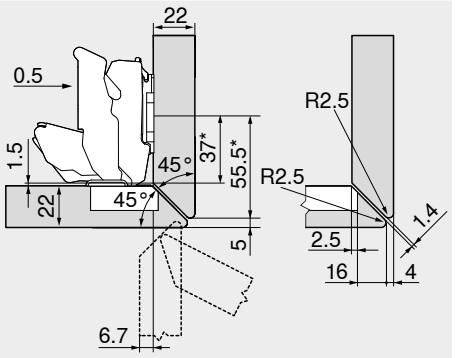
**Mitred application – all 4 edges**

**19 mm**



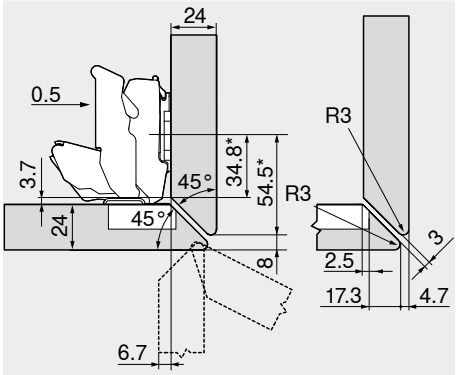

**Hinge for dual applications**
**Standard mounting plates with 0 mm distance**
* Dimension for mounting plate with dimension A = 37 mm

**22 mm**




**Hinge for dual applications**
**Standard mounting plates with 0 mm distance**
* Dimension for mounting plate with dimension A = 37 mm

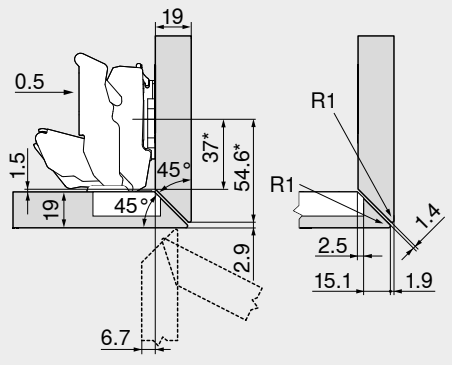
**24 mm**




**Hinge for dual applications**
**Standard mounting plates with 0 mm distance**
* Dimension for mounting plate with dimension A = 37 mm

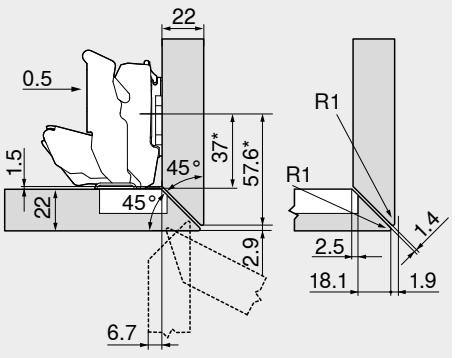
**Mitred application – side**

**19 mm**



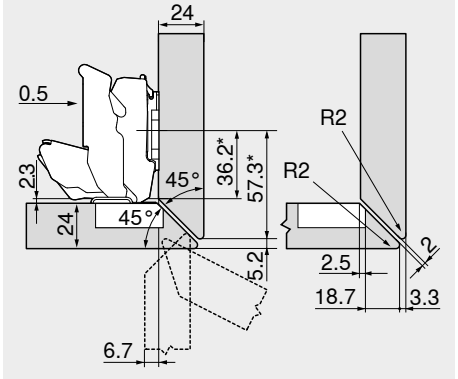

**Hinge for dual applications**
**Standard mounting plates with 0 mm distance**
* Dimension for mounting plate with dimension A = 37 mm

**22 mm**

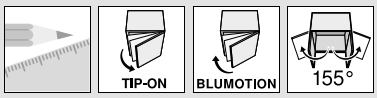



**Hinge for dual applications**
**Standard mounting plates with 0 mm distance**
* Dimension for mounting plate with dimension A = 37 mm

**24 mm**




**Hinge for dual applications**
**Standard mounting plates with 0 mm distance**
* Dimension for mounting plate with dimension A = 37 mm




## 155° hinge

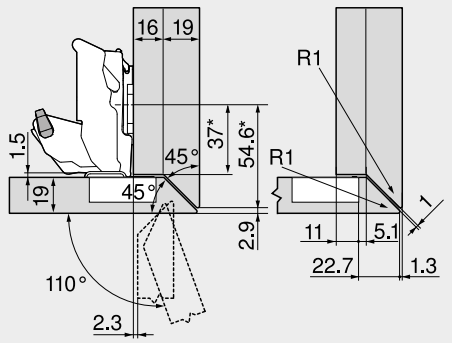
Webcode DQDHEM

### Planning – special application

#### Mitred application – side, with large overlay

#### Front overlay max.

**16/19 mm**



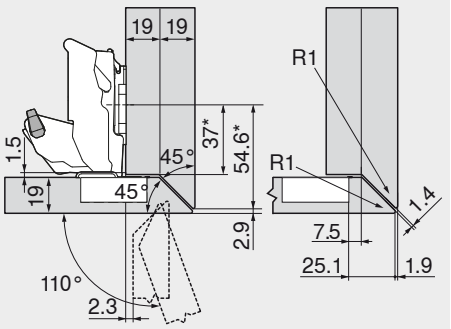

**Hinge for overlay applications**

**Standard mounting plates with 0 mm distance**

* Dimension for mounting plate with dimension A = 37 mm

| Description | Angle | Part no. |
|---|---|---|
| Opening angle stop | 110° | 70T7553 |

**19/19 mm**



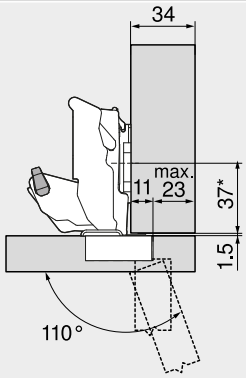

**Hinge for overlay applications**

**Standard mounting plates with 0 mm distance**

* Dimension for mounting plate with dimension A = 37 mm

| Description | Angle | Part no. |
|---|---|---|
| Opening angle stop | 110° | 70T7553 |

**34 mm**




**Hinge for overlay applications**

**Standard mounting plates with 0 mm distance**

* Dimension for mounting plate with dimension A = 37 mm

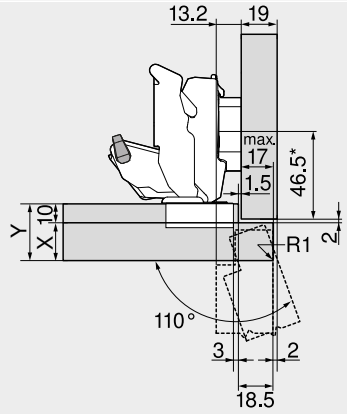
| Description | Angle | Part no. |
|---|---|---|
| Opening angle stop | 110° | 70T7553 |

You can select any front thickness for a free-standing cabinet.

We recommend a trial application for a neighbouring front or an overlay application on the wall.

### Notched applications

**10 mm**




**Hinge for dual applications**

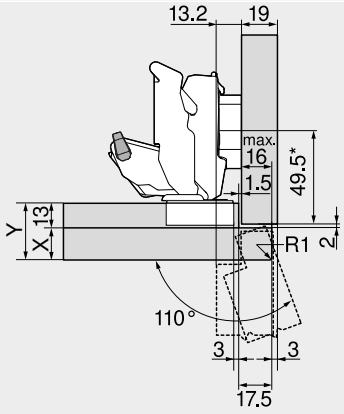
| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |

* Dimension for mounting plate with dimension A = 37 mm

| Description | Angle | Part no. |
|---|---|---|
| Opening angle stop | 110° | 70T7553 |

| Cabinet situation | X max. (mm) | Y max. (mm) |
|---|---|---|
| | 18 | 28 |
| | 20 | 30 |
| | 25 | 35 |

**13 mm**




**Hinge for dual applications**

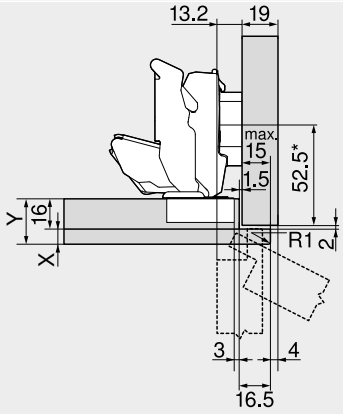
| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |

* Dimension for mounting plate with dimension A = 37 mm

| Description | Angle | Part no. |
|---|---|---|
| Opening angle stop | 110° | 70T7553 |

| Cabinet situation | X max. (mm) | Y max. (mm) |
|---|---|---|
| | 16 | 29 |
| | 17 | 30 |
| | 17 | 30 |

**16 mm**




**Hinge for dual applications**

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |

* Dimension for mounting plate with dimension A = 37 mm

| Cabinet situation | X max. (mm) | Y max. (mm) |
|---|---|---|
| | 8 | 24 |
| | 8 | 24 |
| | 8 | 24 |

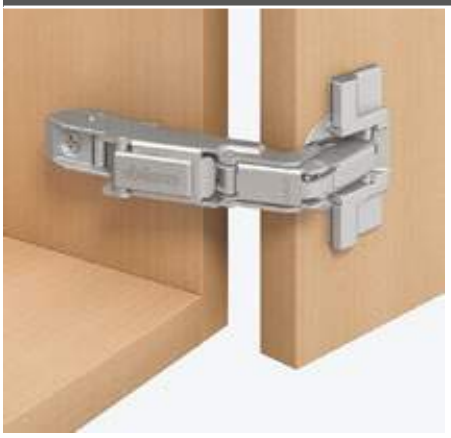
# Hinge systems

## ► CLIP top BLUMOTION | CLIP top – hinges
## ►► Wide angled application



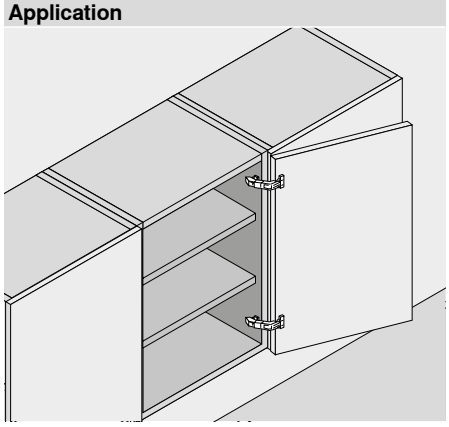

## 170° hinge

Webcode DQDI3Y



- **CLIP top** with or without closing mechanism (spring)
- All metal hinge
- 170° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



## Order information

### Overlay application

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T6540B |
| CLIP top | ○ | NI | 70T6540BTL |

● With spring ○ Unsprung NI Nickel plated

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T6550 |
| CLIP top | ○ | NI | 70T6550.TL |

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T6580 |

#### a Accessories

**BLUMOTION 973A**

| Version | Part no. |
|---|---|
| Clip on | 973A6000 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 80.6507 |
| Stamped | Blum | NI | 80.6507.BP |

### Dual application

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T6640B |
| CLIP top | ○ | NI | ☎ 70T6640BTL |

● With spring ○ Unsprung NI Nickel plated

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T6650 |
| CLIP top | ○ | NI | 70T6650.TL |

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T6680 |

#### a Accessories

**BLUMOTION 973A**

| Version | Part no. |
|---|---|
| Clip on | 973A6000 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 80.6507 |
| Stamped | Blum | NI | 80.6507.BP |

### Inset application

**For inset application use hinges for twin application and a 9 mm spaced mounting plate**

**Safety information**

If young children have access to furniture with wide angle hinges then the 155° opening 0-protrusion hinges should be used

## a Accessories – general

**Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 130° | Black | ☎ 70.6103 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

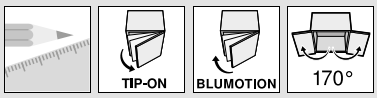
● With spring ○ Unsprung

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |




# 170° hinge

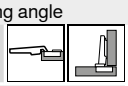
Webcode
DQDI3Y

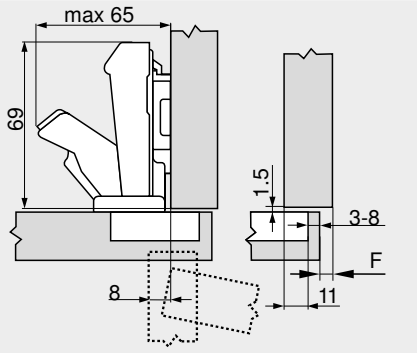
## Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 or 9 mm)**

Hinge and front protrusion at 90° opening angle

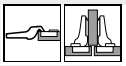
### Overlay application

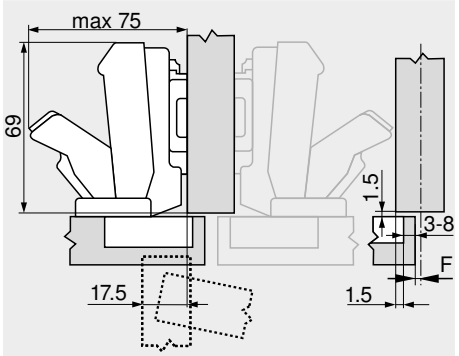




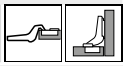

F Gap

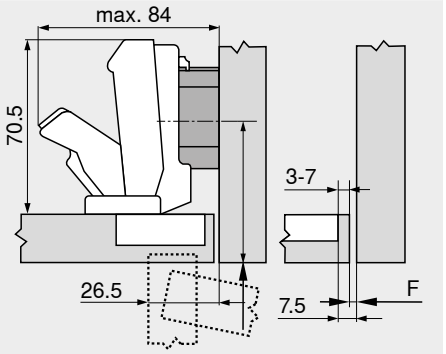
### Dual application






### Inset application






Set mounting plate back by door thickness +1.5 mm

## Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –4.5 | –3.5 | –2.5 | –1.5 | –0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 9.5 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | |

MD Mounting plate spacing (mm)

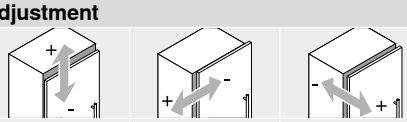
| MD | Front overlay FA (mm) | | | | | |
|---|---|---|---|---|---|---|
| | –4.5 | –3.5 | –2.5 | –1.5 | –0.5 | |
| 0 | | | | | | |
| 3 | | | | | | |
| 6 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | |

MD Mounting plate spacing (mm)

## Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

For doors up to 21 mm thick, no gap is required
For doors in excess of 22 mm thick, a trial application is recommended

## Adjustment

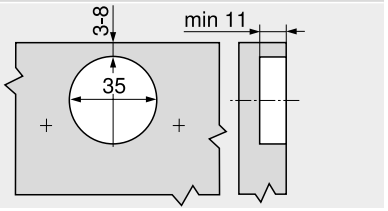


Max. ±3.0 mm
See mounting plates

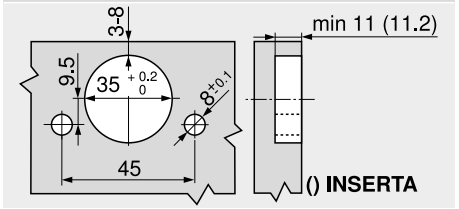
±2.0 mm

+3.0 mm
–2.0 mm

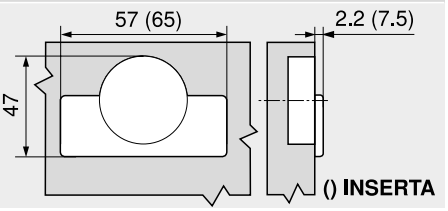
## Screw-on




## INSERTA | knock-in




## Hinge boss dimensions




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Safety information | 689 | Overview – BLUMOTION for doors | 185 | **Assembly, removal and adjustment** | |
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | | |
| | | Mitred application – all 4 edges | 106 | | |
| Mounting plates | 172 | Overview – assembly devices | 595 | Short-URL | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | www.blum.com/a210 | |
| Accessories – general | 182 | | | | |

# Hinge systems





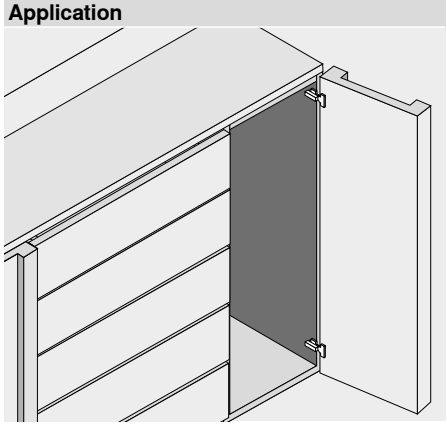

## Profile/thick door hinge

Webcode DQDITA



- **Hinge for thick doors and doors with profile**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- All metal hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



## Order information

### Overlay application

**Boss – INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B9590 |
| CLIP top | ● | NI | 71T9590B |
| CLIP top | ○ | NI \| ONS | 70T9590BTL |

● With spring ○ Unsprung | NI Nickel plated ONS Onyx black

**Boss – Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B9550 |
| CLIP top | ● | NI | 71T9550 |
| CLIP top | ○ | NI \| ONS | 70T9550.TL |

**Boss – Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B9580 |
| CLIP top | ● | NI | 71T9580 |
| CLIP top | ○ | NI \| ONS | 70T9580.TL |

### Dual application

**Boss – INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B9690 |
| CLIP top | ● | NI | 71T9690B |
| CLIP top | ○ | NI \| ONS | 70T9690BTL |

● With spring ○ Unsprung | NI Nickel plated ONS Onyx black

**Boss – Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B9650 |
| CLIP top | ● | NI | 71T9650 |
| CLIP top | ○ | NI \| ONS | 70T9650.TL |

**Boss – Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9680 |
| CLIP top | ● | NI | 71T9680 |

### Inset application

**Boss – INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B9790 |
| CLIP top | ● | NI | 71T9790B |
| CLIP top | ○ | NI \| ONS | 70T9790BTL |

● With spring ○ Unsprung | NI Nickel plated ONS Onyx black

**Boss – Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B9750 |
| CLIP top | ● | NI | 71T9750 |
| CLIP top | ○ | NI \| ONS | 70T9750.TL |

**Boss – Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9780 |
| CLIP top | ● | NI | 71T9780 |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

## Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

## a Accessories – general

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI \| ONS | 70T1504 |

NI Nickel plated ONS Onyx black

**Hinge boss spacing**

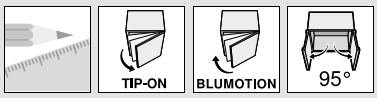
| Hinge | Spacing (mm) | Part no. |
|---|---|---|
| CLIP top BLUMOTION | 1.5 | 70T3507.21 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |








## Profile/thick door hinge

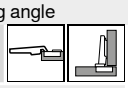
Webcode
DQDITA

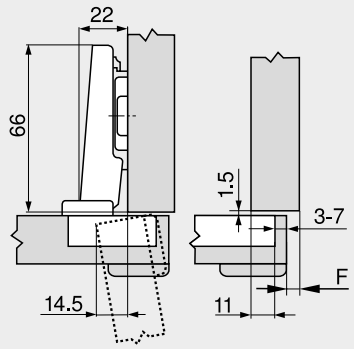
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

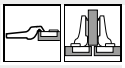
#### Overlay application

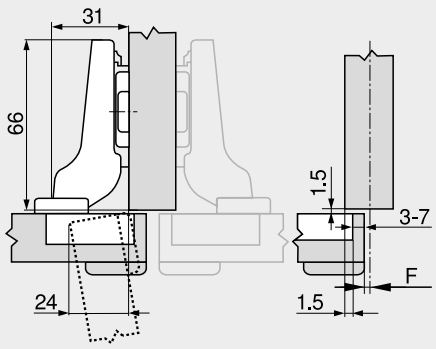




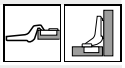

F Gap

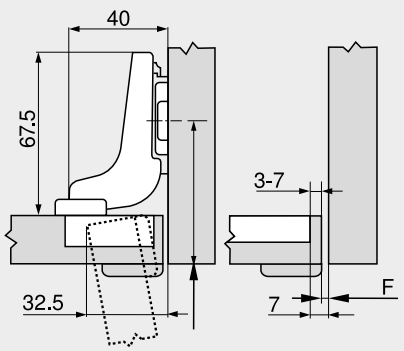
#### Dual application






#### Inset application






Set mounting plate back by door thickness +1.5 mm

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -4.5 | -3.5 | -2.5 | -1.5 | -0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | –7 | –6 | –5 | –4 | –3 | –2 | –1 | 0 | |
| 0 | | | | 3 | 4 | 5 | 6 | 7 | |
| 3 | 3 | 4 | 5 | 6 | 7 | | | | |
| 6 | | | | | | | | | |
| 9 | | | | | | | | | |

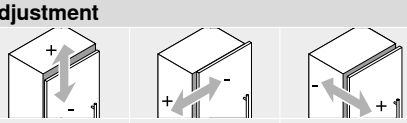
MD Mounting plate spacing (mm)

### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 29 | 30 | 31 | 32 |
| 3 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.0 | 1.5 | 1.9 | 2.8 | 3.6 | 4.5 | 5.4 |
| 4 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | 2.5 | 3.1 | 4.0 | 4.8 |
| 5 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | 2.3 | 2.7 | 3.5 | 4.3 |
| 6 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | 2.2 | 2.5 | 3.2 | 3.8 |
| 7 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.9 | 1.4 | 1.7 | 2.1 | 2.4 | 3.0 | 3.5 |
| Additional for +2 mm side adjustment | | | | | | | | | | | | |
| | +0.1 | +0.2 | +0.2 | +0.2 | +0.3 | +0.4 | +0.4 | +0.5 | +0.4 | +0.4 | +0.4 | +0.3 |

### Adjustment

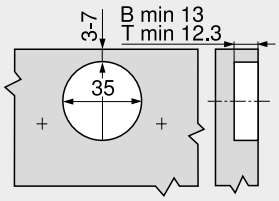


Max. ±3.0 mm
See mounting plates

±2.0 mm

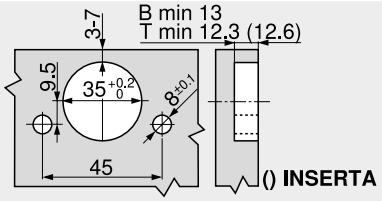
+3.0 mm
–2.0 mm

### Screw-on



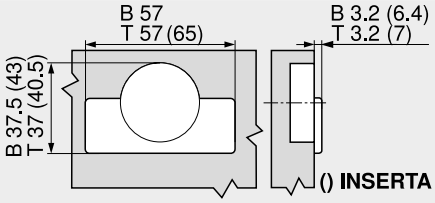

B CLIP top BLUMOTION
T CLIP top

### INSERTA | knock-in




B CLIP top BLUMOTION
T CLIP top

### Hinge boss dimensions



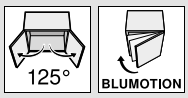

B CLIP top BLUMOTION
T CLIP top

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Profile door application



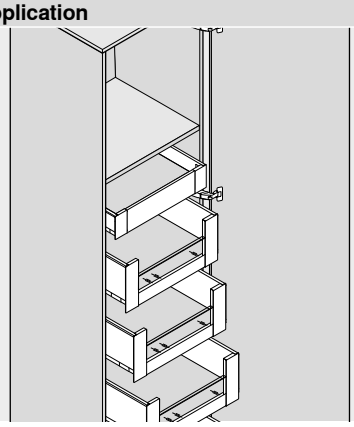

## 125° hinge

Webcode DQDJIM



- **0-protrusion for overlay application (for cabinets with inner pull-outs or pull-out surrounds)**
- **Hinge for thick doors and doors with profile**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- All metal hinge
- 125° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

### Application



### Order information

**Overlay application 0-protrusion**

**Boss** — **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B7550D |

● With spring NI Nickel plated

**Boss** — **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B7580D |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

### a Accessories – general

**Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 92° | R7037 | 70T7553 |

R7037 RAL 7037 dust grey

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T7504 |

NI Nickel plated

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |








## 125° hinge

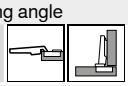
Webcode
DQDJIM

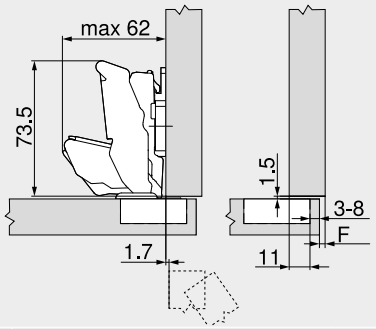
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at 90° opening angle

**Overlay application**
**0-protrusion**






F Gap

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 6 | | | | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | |
| 9 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | |

MD Mounting plate spacing (mm)

### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

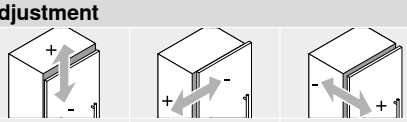



| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 3 | 0 | 0 | 0 | 0.1 | 0.3 | 0.7 | 1.2 | 2 | 2.8 | 4.1 | 5.7 | – |
| 4 | 0 | 0 | 0 | 0.1 | 0.4 | 0.8 | 1.5 | 2.3 | 3.4 | 4.9 | – | – |
| 5 | 0 | 0 | 0 | 0.1 | 0.4 | 1 | 1.7 | 2.8 | 4.2 | – | – | – |
| 6 | 0 | 0 | 0 | 0.1 | 0.6 | 1.2 | 2.1 | 3.5 | – | – | – | – |
| 7 | 0 | 0 | 0 | 0.2 | 0.7 | 1.6 | 2.8 | – | – | – | – | – |
| 8 | 0 | 0 | 0 | 0.3 | 1 | 2 | – | – | – | – | – | – |

We recommend a trial application for an overlay application against a wall

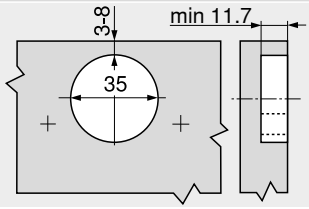
92° Opening angle stop

### Adjustment

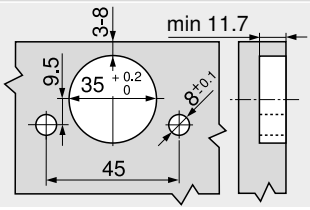


| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

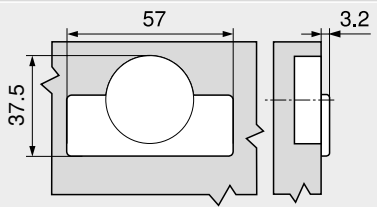
### Screw-on




### Knock-in




### Hinge boss dimensions




### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | More technical details | 686 | | |
| Accessories – hinge arm cover cap | 181 | | | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Blind corner application



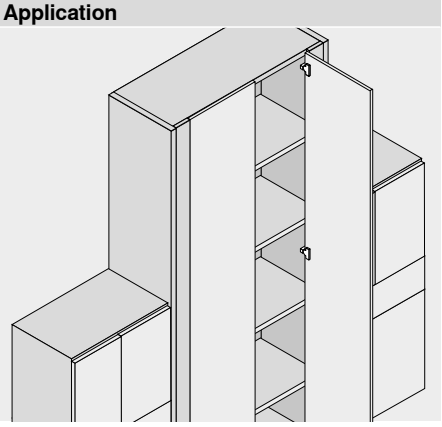

## Blind corner hinge inset application

Webcode DQDK7Y



- **Hinge for blind corner applications**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

**Application**



## Order information

### Inset application

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 79B9590 |

● With spring ○ Unsprung
NI Nickel plated ONS Onyx black

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 79B9550 |
| CLIP top | ○ | NI | 78T9550.TL |

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 79B9580 |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1503 |
| Stamped | Blum | NI \| ONS | 70.1503.BP |

## Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

## a Accessories – general

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T1504 |

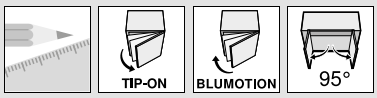
NI Nickel plated ONS Onyx black

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |








## Blind corner hinge inset application

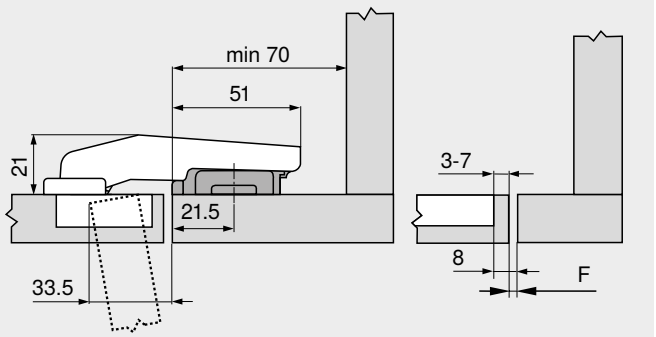
Webcode DQDK7Y

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 3 mm)**

Hinge and front protrusion at full opening angle

### Inset application




Move standard mounting plate fixing positions 15.5 mm nearer the edge of the muntin (i.e. set back by 21.5 mm)!
Use 3 mm spaced standard mounting plates only to ensure door and muntin are flush on the inside!
F = 8 mm – TB

| | |
|---|---|
| F | Gap |
| TB | Drilling distance |

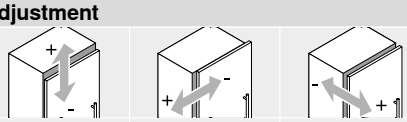
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 29 | 30 | 31 | 32 |
| 3 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.0 | 1.5 | 1.9 | △ | △ | △ | △ |
| 4 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 5 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 6 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 7 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.9 | 1.4 | 1.7 | △ | △ | △ | △ |

△ In these cases a trial is recommended

### Adjustment

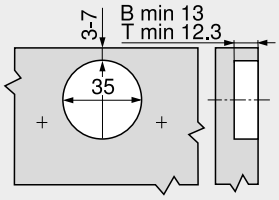



Max. ±3.0 mm
See mounting plates

±2.5 mm

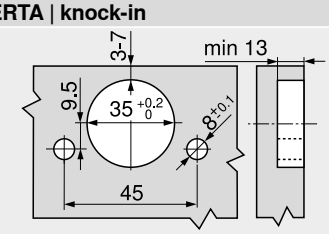
±1.0 mm

### Screw-on

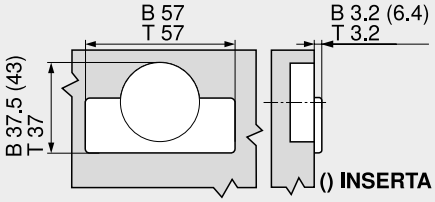



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA | knock-in




### Hinge boss dimensions



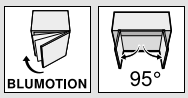

| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems





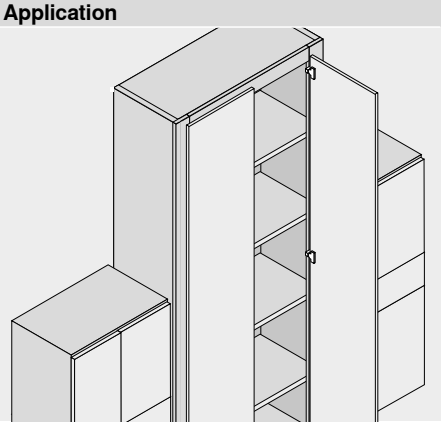

## Blind corner hinge overlay application

Webcode DQDKXA



- **Hinge for blind corner overlay applications**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- All metal hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



## Order information

### Overlay application





**Boss** — **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | ☎ 79B9990 |

● With spring NI Nickel plated



**Boss** — **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9950 |



**Boss** — **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | ☎ 79B9980 |

### a Accessories



**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1503 |
| Stamped | Blum | NI | 70.1503.BP |

## a Accessories – general



**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |

NI Nickel plated



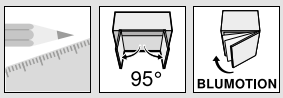
**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |



**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |






## Blind corner hinge overlay application

Webcode
DQDKXA

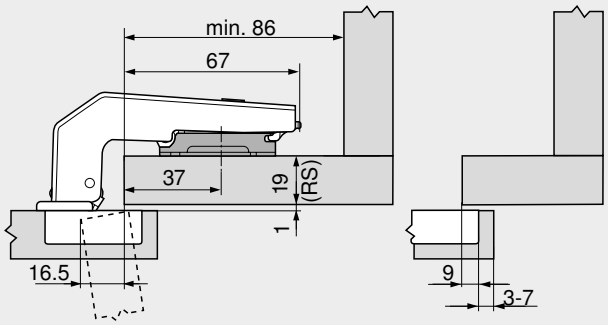
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 3 mm)**

Hinge and front protrusion at full opening angle

### Overlay application






| Frame thickness RS (mm) | Mounting plate spacing (mm) |
|---|---|
| 16 | 6 |
| 19 | 3 |
| 22 | 0 |

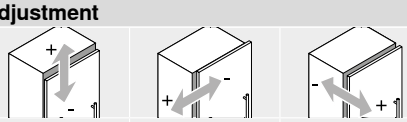
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 29 | 30 | 31 | 32 |
| 3 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.0 | 1.5 | 1.9 | △ | △ | △ | △ |
| 4 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 5 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 6 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 7 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.9 | 1.4 | 1.7 | △ | △ | △ | △ |

△ In these cases a trial is recommended

### Adjustment

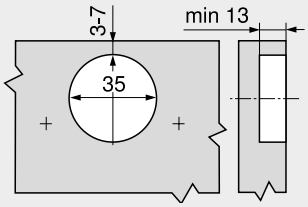



Max. ±3.0 mm
See mounting plates

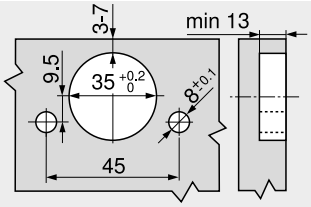
±2.5 mm

±1.0 mm

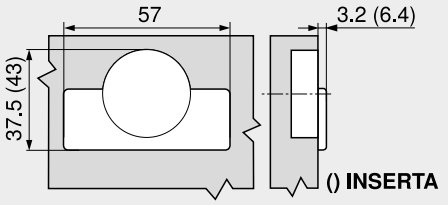
### Screw-on




### INSERTA | knock-in




### Hinge boss dimensions

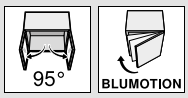



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | More technical details | 686 | | |
| Accessories – hinge arm cover cap | 181 | | | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems





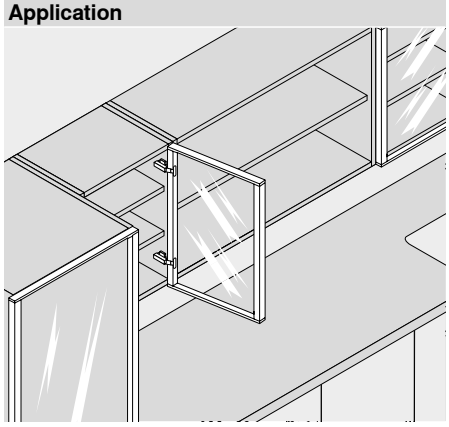

## CLIP top BLUMOTION 95° aluminium frame door hinge

Webcode DQDLMM



- **Hinge for narrow alu frame doors**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- Boss fixing screws are included

**Application**



## Order information

### Overlay application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B950A |

● With spring | NI Nickel plated

**a Accessories**

Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### Dual application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B960A |

● With spring | NI Nickel plated

**a Accessories**

Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### Inset application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B970A |

● With spring | NI Nickel plated

**a Accessories**

Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |




# CLIP top BLUMOTION 95° aluminium frame door hinge

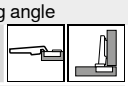
Webcode
DQDLMM

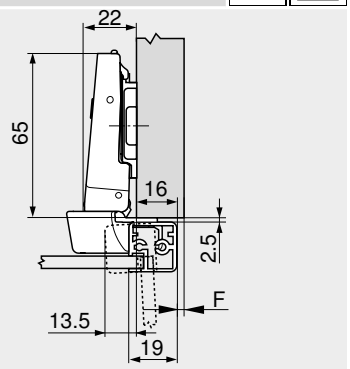
## Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

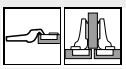
### Overlay application

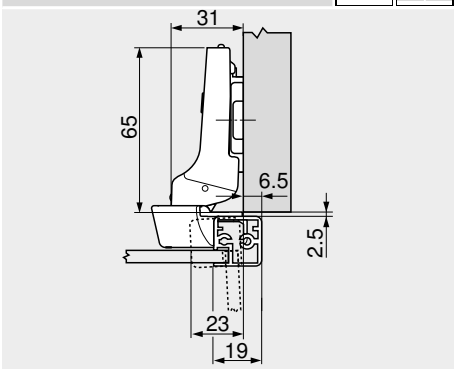




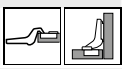

F Gap

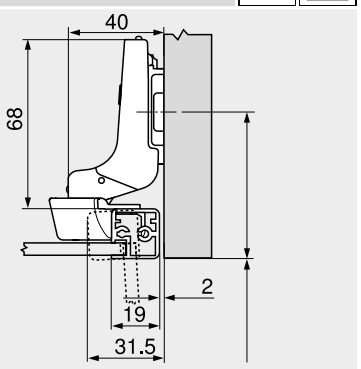
### Dual application





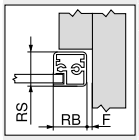

### Inset application






Set mounting plate back by frame width +2.5 mm

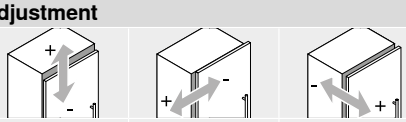
### Minimum gap F for aluminium frame fronts (R = 1 mm) based on the factory setting




| Side frame width RB (mm) | Frame thickness RS (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18 | 19 | 20 | 21 | 22 | 24 | 25 | 26 | 27 | 28 | 30 | 32 |
| 18 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 1.2 | △ | △ | △ | △ | △ | △ |
| 19 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 1.2 | △ | △ | △ | △ | △ | △ |
| 20 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.1 | △ | △ | △ | △ | △ | △ |
| 21 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | △ | △ | △ | △ | △ | △ |
| 22 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.1 | △ | △ | △ | △ | △ | △ |
| | **Additional for +2 mm side adjustment** | | | | | | | | | | | |
| | +0.1 | +0.2 | +0.3 | +0.3 | +0.3 | +0.4 | | | | | | |

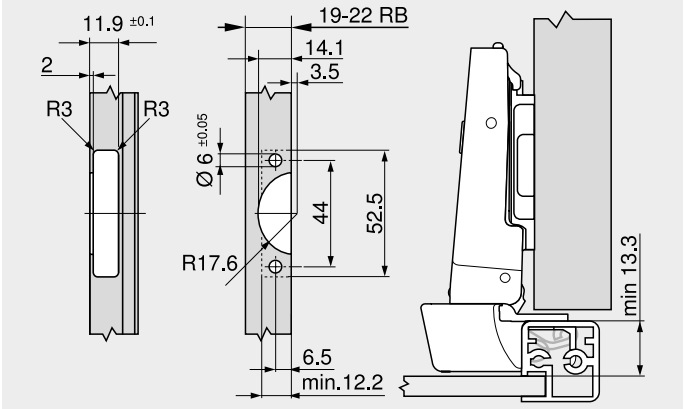
△ In these cases a trial is recommended

### Adjustment



| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

### Screw-on




RB Side frame width

## Page instructions


| | | | |
|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | More technical details | 686 |
| Mounting plates | 172 | **Assembly, removal and adjustment** | |
| Accessories – hinge arm cover cap | 181 | | |
| Accessories – general | 182 | Short-URL | |
| Overview – assembly devices | 595 | www.blum.com/a210 | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Aluminium frame application




## 95° aluminium frame door hinge

Webcode DQDMBY

### CLIP top for 973A



- **Hinge for narrow alu frame doors**
- **CLIP top** for 973A with closing mechanism (spring)
- **CLIP top** with or without closing mechanism (spring)
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- Boss fixing screws are included

### CLIP top



## Order information

### Overlay application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top for 973A | ● | NI | 71T950AB |
| CLIP top | ● | NI \| ONS | 71T950A |
| CLIP top | ○ | NI | 70T950A.TL |

● With spring NI Nickel plated
○ Unsprung ONS Onyx black

### Dual application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top for 973A | ● | NI | 71T960AB |
| CLIP top | ● | NI | 71T960A |

● With spring NI Nickel plated

### Inset application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T970A |

● With spring NI Nickel plated

### a Accessories

BLUMOTION 973A

| Version | Part no. |
|---|---|
| Clip on | 973A0500.01 |

### a Accessories

BLUMOTION 973A

| Version | Part no. |
|---|---|
| Clip on | 973A0600 |

### a Accessories

### Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### Hinge arm cover cap

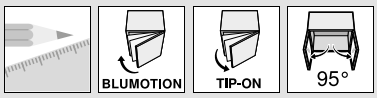
| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### a Accessories – general

TIP-ON for doors

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung




## 95° aluminium frame door hinge

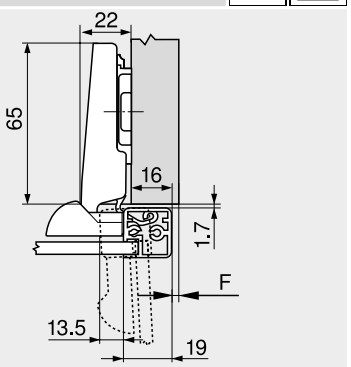
Webcode
DQDMBY

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

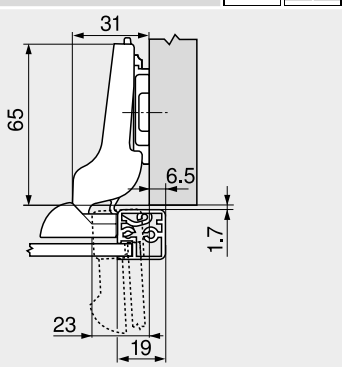
Hinge and front protrusion at full opening angle

#### Overlay application

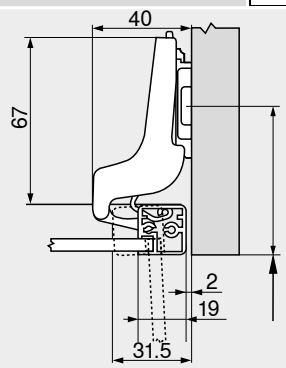



F Gap

#### Dual application

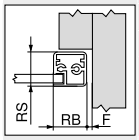



#### Inset application




Set mounting plate back by frame width +1.7 mm

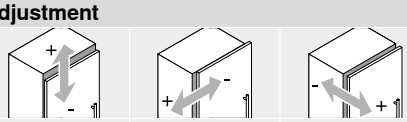
### Minimum gap F for aluminium frame fronts (R = 1 mm) based on the factory setting




| Side frame width RB (mm) | Frame thickness RS (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 18 | 19 | 20 | 21 | 22 | 24 | 25 | 26 | 27 | 28 | 30 | 32 |
| 18 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 1.2 | △ | △ | △ | △ | △ | △ |
| 19 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 1.2 | △ | △ | △ | △ | △ | △ |
| 20 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.1 | △ | △ | △ | △ | △ | △ |
| 21 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | △ | △ | △ | △ | △ | △ |
| 22 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.1 | △ | △ | △ | △ | △ | △ |
| | Additional for +2 mm side adjustment | | | | | | | | | | | |
| | +0.1 | +0.2 | +0.3 | +0.3 | +0.3 | +0.4 | | | | | | |

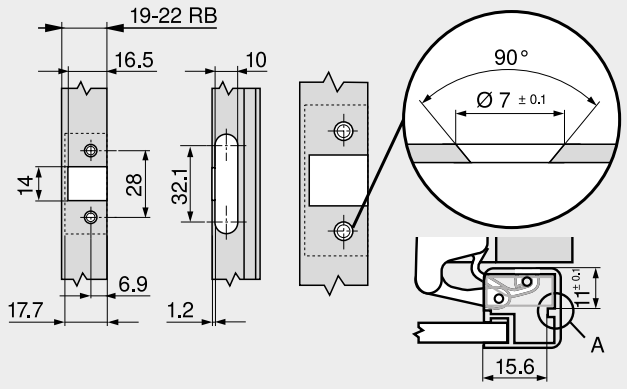
△ In these cases a trial is recommended

### Adjustment



| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

### Screw-on




RB Side frame width
A The hinge boss should be able to support itself in the routing

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | | |
| Accessories – general | 182 | | | | |
| Overview – BLUMOTION for doors | 185 | | | | |


Short-URL
www.blum.com/a210

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Thin door application



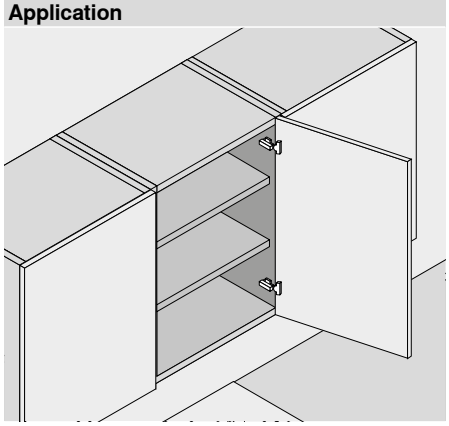

## Hinge for thin doors

Webcode DQGT1A

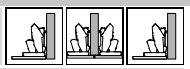


- **Thin fronts from 8–14 mm**
- **EXPANDO T fixing system** for a variety of front materials
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- 0-protrusion (for cabinets with inner pull-outs or pull-out surrounds)
- 110° opening angle
- 3-dimensional front adjustment
- Tool-free door to cabinet assembly and removal

### Application



## Order information





Boss | ☐ EXPANDO T

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B453T |
| CLIP top | ● | NI | 71T453T |
| CLIP top | ○ | NI | 70T453T.TL |

● With spring ○ Unsprung
NI Nickel plated ONS Onyx black

### a Accessories



Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

### The different overlay applications can be achieved with the appropriate fixing positions

**Area of application – EXPANDO T**

EXPANDO T is suitable for fixing Blum fittings to thin front materials in furniture manufacturing

With sufficient stability and strength, front materials of 8 mm thickness and above may be used

**Area of application and assembly recommendation**

| Materials tested by Blum | Transverse tensile strength (N/mm²) | Min. tightening torque (Nm) |
|---|---|---|
| Chipboard | > 0.40 | 1.5 |
| MDF | > 0.60 | 1.5 |
| HDF | | 2 |
| HPL | | 2 |
| Mineral composites | | 2 |
| Nero Assoluto natural granite stone | | 3 |
| Quartz composite artificial stone | | 3 |
| Ceramic plates | | 3 |

**Limitation of liability**

Blum accepts no liability for the use of EXPANDO T in combination with materials not listed or fittings from other manufacturers

It is recommended that the assembly be carried out by an experienced furniture manufacturer

## Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

### a Accessories – general



Opening angle stop

| Opening angle | Colour | Part no. |
|---|---|---|
| 85° | Dark grey | 70T4503 |
| 92° | R7037 | 70T4503.09 |

R7037 RAL 7037 dust grey



TIP-ON for doors

| Version | Hinge | Spring | Part no. |
|---|---|---|---|
| Short version | CLIP top | ○ | 956.1004 |
| Extended version | CLIP top | ○ | 956A1004 |
| Extended version | CLIP top | ● | 956A1006 |

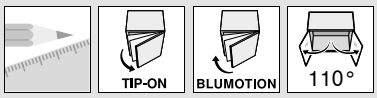
● With spring ○ Unsprung



Hinge boss cover cap

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T4504 |
| CLIP top | NI | 70T4504 |

NI Nickel plated ONS Onyx black






## Hinge for thin doors

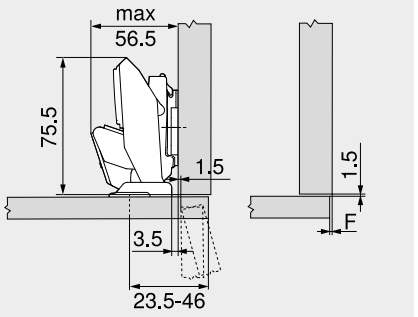
Webcode DQGT1A

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

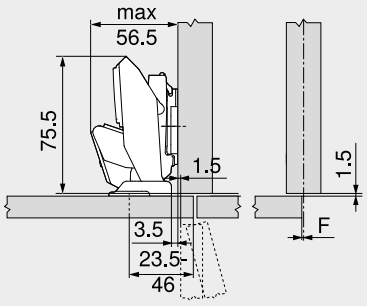
Hinge and front protrusion at 90° opening angle

#### Overlay application



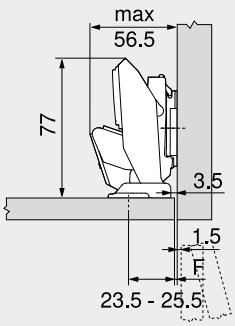

F Gap

#### Dual application




F Gap

#### Inset application




Set mounting plate back by door thickness +1.5 mm

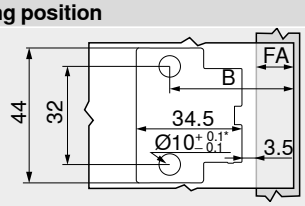
F Gap

### Fixing position

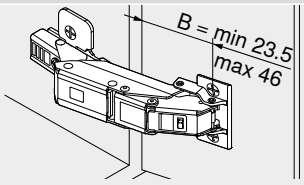
| MD | Front overlay FA (mm) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –3.5 | –3 | –2.5 | –2 | –1.5 | –1 | 2.5 | 4 | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 14.5 | 16 | 17.5 | 19 |
| 0 | 23.5 | 24 | 24.5 | 25 | 25.5 | 26 | 29.5 | 31 | 32.5 | 34 | 35.5 | 37 | 38.5 | 40 | 41.5 | 43 | 44.5 | 46 |
| 3 | 26.5 | 27 | 27.5 | 28 | 28.5 | 29 | 32.5 | 34 | 35.5 | 37 | 38.5 | 40 | 41.5 | 43 | 44.5 | 46 | | |
| 6 | 29.5 | 30 | 30.5 | 31 | 31.5 | 32 | 35.5 | 37 | 38.5 | 40 | 41.5 | 43 | 44.5 | 46 | | | | |
| 9 | 32.5 | 33 | 33.5 | 34 | 34.5 | 35 | 38.5 | 40 | 41.5 | 43 | 44.5 | 46 | | | | | | |

MD Mounting plate spacing (mm)

### Fixing position

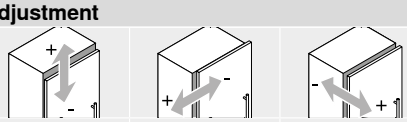



B = FA + 27 mm
B Fixing position
FA Front overlay
* Stone and ceramic +0.2/–0.1 mm




B Fixing position

### Adjustment

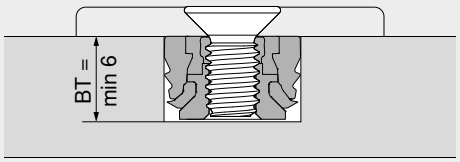



Max. ±3.0 mm
See mounting plates

±2.0 mm

+3.0 mm
–2.0 mm

### Drilling depth




BT Drilling depth

### Mounting plate spacing MD – wall cabinet

| SWD | Front thickness FD (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |

SWD Cabinet side panel thickness
Mounting plate spacing MD 0 mm possible
Mounting plate spacing MD 3 mm required
Mounting plate spacing MD 6 mm required

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Accessories – hinge arm cover cap | 181 | **Assembly, removal and adjustment** | |
| | | Accessories – general | 182 | | |
| Mounting plates | 172 | Overview – BLUMOTION for doors | 185 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Overview – TIP-ON for doors | 199 | Short-URL | |
| | | Overview – assembly devices | 595 | www.blum.com/a210 | |
| Fixing system for thin fronts – EXPANDO T | 588 | More technical details | 686 | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Glass door application



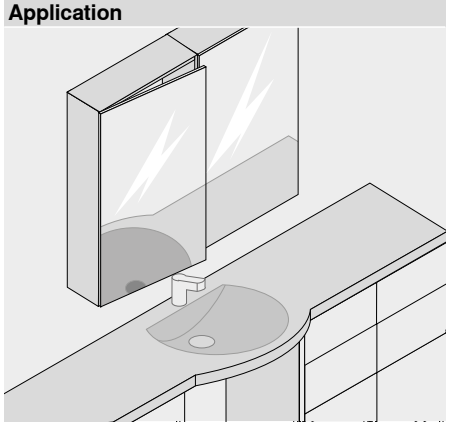

## CRISTALLO hinge

Webcode DQDN1A

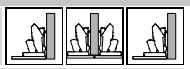


- **Hinge for glass and mirror doors**
- **Adhesion plate is glued onto glass (no glass drilling necessary)**
- **Tool-free hinge to adhesion plate assembly**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

### Application



## Order information



**Boss** ☐ **CRISTALLO 110°**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B4500C |
| CLIP top | ● | NI | 71T4500C |
| CLIP top | ○ | NI | 70T4500CTL |

● With spring NI Nickel plated
○ Unsprung ONS Onyx black



☐ **CRISTALLO adhesion plate**

**Glue-on**

| Front material | Colour | Part no. |
|---|---|---|
| Glass \| mirror | Matt-nickel plated | 70T4568C |
| Mirror | Special nickel plated | 70T4568C |

### a Accessories



☐ **Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

### The different applications can be achieved through relevant adhesion positions

**Limitation of liability**

If the Blum fittings are installed according to instructions and on suitable glass and mirror fronts, they will meet the requirements concerning the stability of the connection

This is monitored through internal and external testing

As the adhesive and/or the adhesive process are beyond our control, Blum cannot accept liability for claims arising from the failure or malfunction of this/these process/es

It is recommended that the adhesive be applied by an experienced glass manufacturer

### Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

### a Accessories – general



☐ **Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 85° | Dark grey | 70T4503 |
| 92° | R7037 | 70T4503.09 |

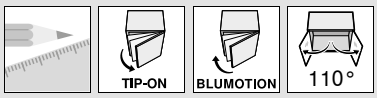
R7037 RAL 7037 dust grey



☐ **TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung




## CRISTALLO hinge

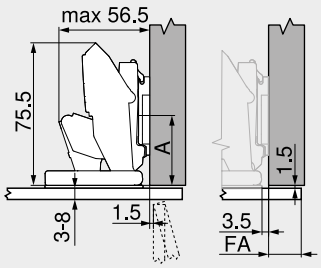
Webcode
DQDN1A

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

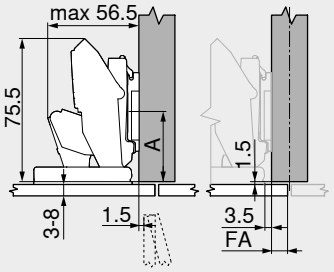
Hinge and front protrusion at full opening angle

#### Overlay application



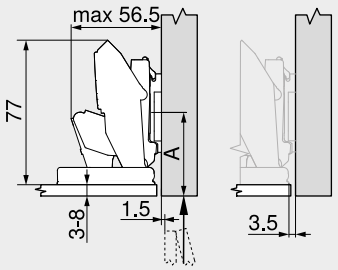

| | |
|---|---|
| A | Cabinet front edge to centre of mounting plate drilling<br>20 mm with mounting plate A20<br>37 mm with mounting plate A37 |
| FA | Front overlay |

#### Dual application




| | |
|---|---|
| A | Cabinet front edge to centre of mounting plate drilling<br>20 mm with mounting plate A20<br>37 mm with mounting plate A37 |
| FA | Front overlay |

#### Inset application



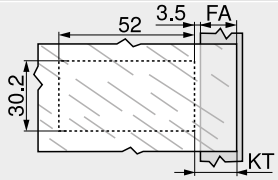

| | |
|---|---|
| A | Cabinet front edge to centre of mounting plate drilling<br>21.5 mm + front thickness FD with mounting plate A20<br>38.5 mm + front thickness FD with mounting plate A37 |

### Distance

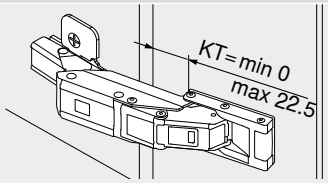
| MD | Front overlay FA (mm) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –3.5 | –3 | –2.5 | –2 | –1.5 | –1 | 2.5 | 4 | 5.5 | 7 | 8.5 | 10 | 11.5 | 13 | 14.5 | 16 | 17.5 | 19 |
| 0 | 0 | 0.5 | 1 | 1.5 | 2 | 2.5 | 6 | 7.5 | 9 | 10.5 | 12 | 13.5 | 15 | 16.5 | 18 | 19.5 | 21 | 22.5 |
| 3 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 9 | 10.5 | 12 | 13.5 | 15 | 16.5 | 18 | 19.5 | 21 | 22.5 | | |
| 6 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 12 | 13.5 | 15 | 16.5 | 18 | 19.5 | 21 | 22.5 | | | | |
| 9 | 9 | 9.5 | 10 | 10.5 | 11 | 11.5 | 15 | 16.5 | 18 | 19.5 | 21 | 22.5 | | | | | | |

MD Mounting plate spacing (mm)
Due to the risk of breakage to glass and mirror doors, sufficient surrounding gaps are required (recommendation: min 2 mm)

### Distance

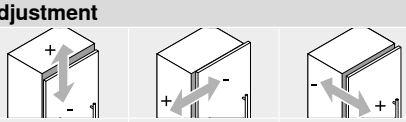



| | |
|---|---|
| FA | Front overlay |
| KT | Adhesion plate distance |
| MD | Mounting plate spacing<br>KT = FA + 3.5 mm + MD |




| | |
|---|---|
| KT | Adhesion plate distance |

### Adjustment




| | | |
|---|---|---|
| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |

### Note

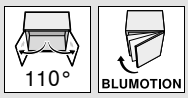
Please contact your glass or front suppliers concerning the right adhesive and its use in fixing the mounting | adhesion plate on to glass and mirrors.

### Page instructions


| | | | |
|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – assembly devices | 595 |
| | | More technical details | 686 |
| Mounting plates | 172 | **Assembly, removal and adjustment** | |
| Accessories – hinge arm cover cap | 181 | | |
| Accessories – general | 182 | | |
| Overview – BLUMOTION for doors | 185 | Short-URL | |
| Overview – TIP-ON for doors | 199 | www.blum.com/a210 | |

# Hinge systems





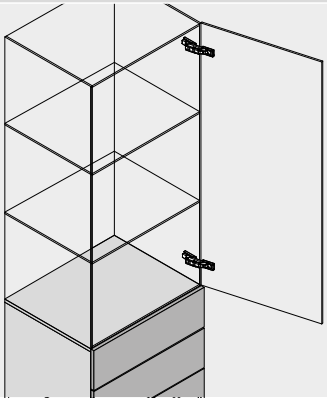

## CRISTALLO hinge – glass display cabinets

Webcode DQDNQM



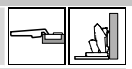
- **Hinge for glass display cabinets**
- **Mounting | adhesion plate is glued onto glass (no glass drilling necessary)**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

### Application



## Order information

### Inset application





**Boss** ☐ **CRISTALLO 110°**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B4500C |
| CLIP top | ● | NI | 71T4500C |
| CLIP top | ○ | NI | 70T4500CTL |

● With spring NI Nickel plated
○ Unsprung



☐ **CRISTALLO adhesion plate**

**Glue-on**

| Front material | Colour | Part no. |
|---|---|---|
| Glass \| mirror | Matt-nickel plated | 70T4568C |
| Mirror | Special nickel plated | 70T4568C |



☐ **CRISTALLO mounting plate**

**Glue-on**

| Front material | Colour | Part no. |
|---|---|---|
| Glass \| mirror | Matt-nickel plated | 175M4C20N |

### a Accessories



☐ **Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

**Limitation of liability**

If the Blum fittings are installed according to instructions and on suitable glass and mirror fronts, they will meet the requirements concerning the stability of the connection

This is monitored through internal and external testing

As the adhesive and/or the adhesive process are beyond our control, Blum cannot accept liability for claims arising from the failure or malfunction of this/these process/es

It is recommended that the adhesive be applied by an experienced glass manufacturer

## Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

### a Accessories – general



☐ **Opening angle stop**

| Opening angle | Colour | Part no. |
|---|---|---|
| 85° | Dark grey | 70T4503 |
| 92° | R7037 | 70T4503.09 |

R7037 RAL 7037 dust grey






## CRISTALLO hinge – glass display cabinets

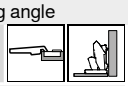
Webcode DQDNQM

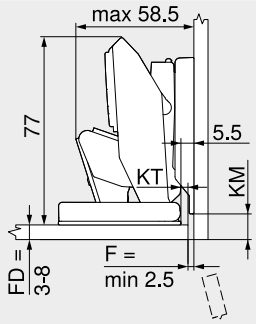
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

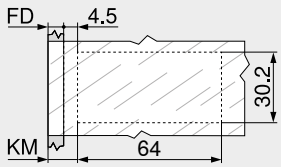
**Inset application**



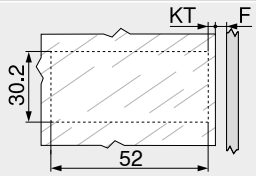



| | |
|---|---|
| FD | Front thickness |
| F | Gap |
| KM | Mounting plate distance |
| KT | Adhesion plate distance |

### Distance

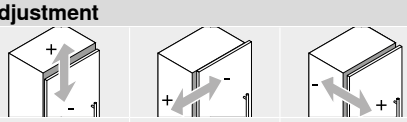



| | |
|---|---|
| FD | Front thickness |
| KM | Mounting plate distance |
| | KM = FD + 4.5 mm |




| | |
|---|---|
| F | Gap |
| KT | Adhesion plate distance |
| | KT = 5.5 mm – F |

### Adjustment



| Max. ±2.0 mm | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

### Note

Please contact your glass or front suppliers concerning the right adhesive and its use in fixing the mounting | adhesion plate on to glass and mirrors.

### Page instructions


| | |
|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 |
| Mounting plates | 172 |
| Accessories – hinge arm cover cap | 181 |
| Accessories – general | 182 |
| Overview – BLUMOTION for doors | 185 |
| Overview – assembly devices | 595 |

More technical details 686

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a210

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Glass door application

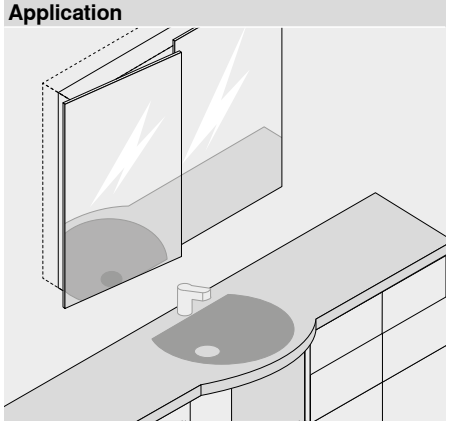



## Bathroom mirror cabinets with fronts that protrude all the way around



- **Mounting plate is glued onto the front**
- **Boss hole on the cabinet**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Application



### Order information

#### Hinge with double cranked hinge arm





**Boss** — **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9790 |

● With spring ○ Unsprung NI Nickel plated



**Boss** — **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9750 |
| CLIP top | ○ | NI | 70T9750.TL |



**CRISTALLO mounting plate**

**Glue-on**

| Front material | Colour | Part no. |
|---|---|---|
| Glass \| mirror | Matt-nickel plated | 175M4C20N |

### a Accessories



**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

**Limitation of liability**

If the Blum fittings are installed according to instructions and on suitable glass and mirror fronts, they will meet the requirements concerning the stability of the connection

This is monitored through internal and external testing

As the adhesive and/or the adhesive process are beyond our control, Blum cannot accept liability for claims arising from the failure or malfunction of this/these process/es

It is recommended that the adhesive be applied by an experienced glass manufacturer

### Note

Only recommended for wall cabinets due to lower load bearing limits.

### a Accessories – general



**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

● With spring ○ Unsprung



**Hinge boss cover cap**

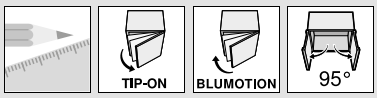
| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

NI Nickel plated



**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |





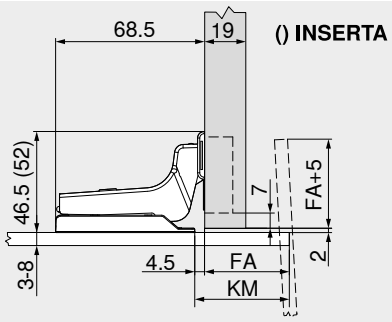

## Bathroom mirror cabinets with fronts that protrude all the way around

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

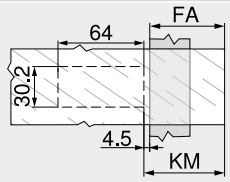
**Hinge with double cranked hinge arm**





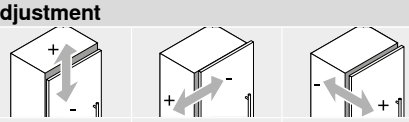

| | |
|---|---|
| FA | Front overlay |
| KM | Mounting plate distance |

### Distance




| | |
|---|---|
| FA | Front overlay |
| | FA = max. 70 mm |
| KM | Mounting plate distance |
| | KM = FA + 4.5 mm |

### Adjustment




| Max. ±2.0 mm | +2.0 mm<br>–3.0 mm | ±2.0 mm |
|---|---|---|

### Note

Please contact your glass or front suppliers concerning the right adhesive and its use in fixing the mounting | adhesion plate on to glass and mirrors.

### Page instructions


| | |
|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 |
| Mounting plates | 172 |
| Accessories – hinge arm cover cap | 181 |
| Accessories – general | 182 |
| Overview – TIP-ON for doors | 199 |
| Overview – assembly devices | 595 |

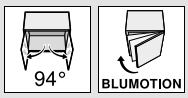
More technical details 686

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a210

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Glass door application



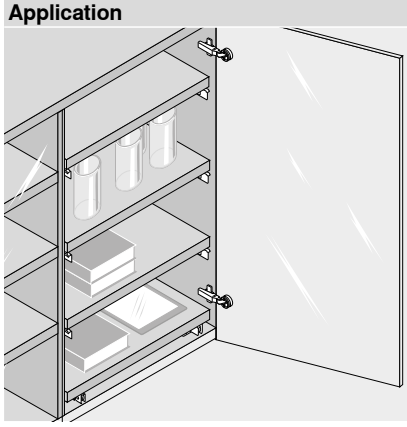

## Glass door hinge

Webcode DQDP5A



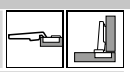
- **Glass door hinge**
- **For glass thickness 4.5–7 mm**
- **CLIP top** with closing mechanism (spring)
- 94° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- Boss fixing screws are included

### Application



## Order information

### Overlay application

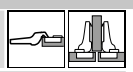


Boss ☐ Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 75T4100 |

● With spring NI Nickel plated

### Dual application



Boss ☐ Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 75T4200 |

● With spring NI Nickel plated

### Inset application



Boss ☐ Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 75T4300 |

● With spring NI Nickel plated

### a Accessories



☐ BLUMOTION 971A

| Version | Part no. |
|---|---|
| In adapter plate for overlay application | 971Axxxx |

### a Accessories



☐ BLUMOTION 970A

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |

### a Accessories



☐ BLUMOTION 970A

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |



☐ Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |



☐ Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |



☐ Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

## a Accessories – general



☐ TIP-ON for doors

| Version | Spring | Part no. |
|---|---|---|
| Extended version | ● | 956A1006 |

● With spring



☐ Hinge boss cover cap

| Colour | Part no. |
|---|---|
| S \| G \| CR \| NI-M | 84.4120 |

S Black G Gold plated
CR Chrome plated NI-M Matt nickel



☐ Hinge boss cover cap

| Colour | Part no. |
|---|---|
| S \| G \| CR \| NI-M | 84.4140 |






# Glass door hinge

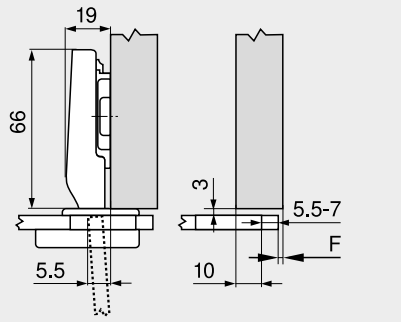
Webcode
DQDP5A

## Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

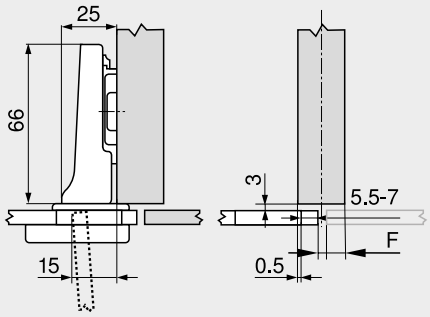
Hinge and front protrusion at full opening angle

### Overlay application

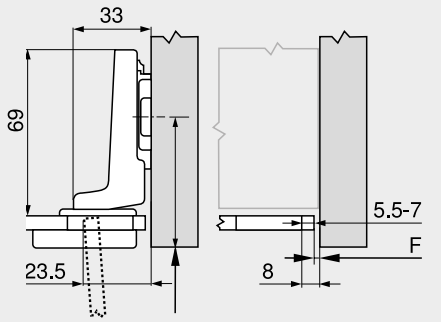



F Gap

### Dual application




### Inset application




Set mounting plate back by glass thickness and height of cover cap +3 mm

## Drilling distance TB

**Overlay application**

| MD | Front overlay FA (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 0 | | | | | | | | | | 6 | 7 | |
| 3 | | | | | | | 6 | 7 | | | | |
| 6 | | | | 6 | 7 | | | | | | | |
| 9 | 6 | 7 | | | | | | | | | | |

MD Mounting plate spacing (mm)

**Dual application**

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –2.5 | –1.5 | –0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 |
| 0 | | | | | | | | | | 6 | 7 | |
| 3 | | | | | | | 6 | 7 | | | | |
| 6 | | | | 6 | 7 | | | | | | | |
| 9 | 6 | 7 | | | | | | | | | | |

MD Mounting plate spacing (mm)

**Inset application**

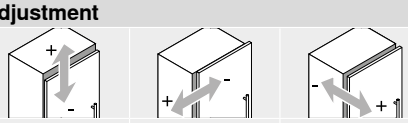
| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | –2.5 | –2 | –1.5 | –1 | –0.5 | |
| 0 | | | | | | | | 5.5 | 6 | 6.5 | 7 | | |
| 3 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |

MD Mounting plate spacing (mm)

## Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

For glass thicknesses from 4.5 to 7 mm no gap is required

## Adjustment

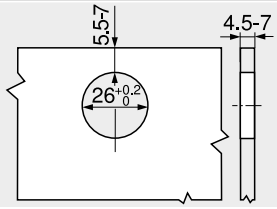



Max. ±3.0 mm
See mounting plates

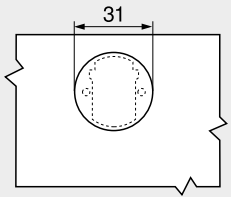
+0.5 mm
–3.5 mm

±2.0 mm

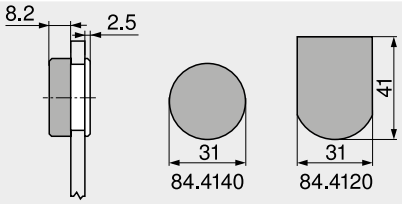
## Screw-on




## Hinge boss dimensions




## Hinge boss cover cap

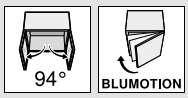



## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | More technical details | 686 | | |
| Accessories – hinge arm cover cap | 181 | | | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Frame door application



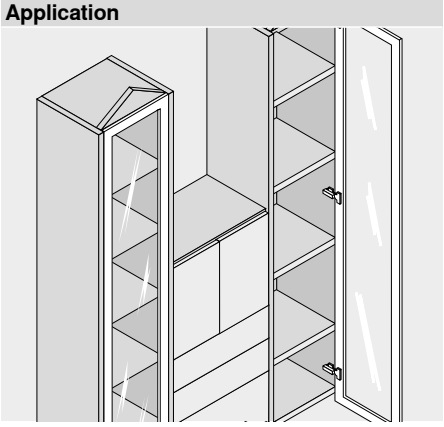

## Mini-hinge

Webcode DQDPUM



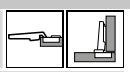
- **Hinge for small doors and doors with narrow frames**
- **CLIP top** with closing mechanism (spring)
- All metal hinge
- 94° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

### Application



## Order information

### Overlay application



| Boss | | Screw-on | |
|---|---|---|---|
| Hinge | Spring | Colour | Part no. |
| CLIP top | ● | NI | 71T0550 |
| ● With spring | | NI Nickel plated | |

**a Accessories**



BLUMOTION 971A

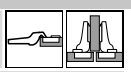
| Version | Part no. |
|---|---|
| In adapter plate for overlay application | 971Axxxx |



Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### Dual application



| Boss | | Screw-on | |
|---|---|---|---|
| Hinge | Spring | Colour | Part no. |
| CLIP top | ● | NI | 71T0650 |
| ● With spring | | NI Nickel plated | |

**a Accessories**



BLUMOTION 970A

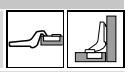
| Version | Part no. |
|---|---|
| For drilling | 970A1002 |



Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### Inset application



| Boss | | Screw-on | |
|---|---|---|---|
| Hinge | Spring | Colour | Part no. |
| CLIP top | ● | NI | 71T0750 |
| ● With spring | | NI Nickel plated | |

**a Accessories**



BLUMOTION 970A

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |



Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

## a Accessories – general



TIP-ON for doors

| Version | Spring | Part no. |
|---|---|---|
| Extended version | ● | 956A1006 |
| ● With spring | | |



Chipboard screws

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |






## Mini-hinge

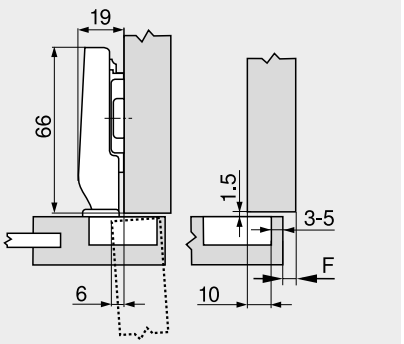
Webcode
DQDPUM

### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

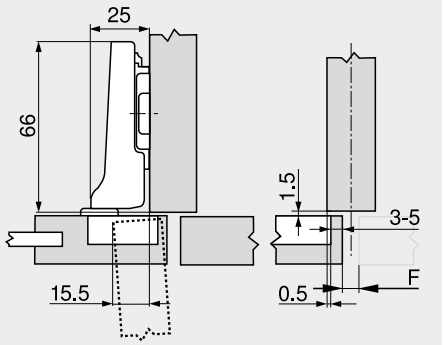
Hinge and front protrusion at full opening angle

#### Overlay application

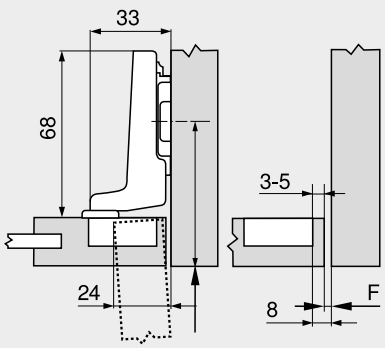



F Gap

#### Dual application




#### Inset application




Set mounting plate back by door thickness +1.5 mm

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 0 | | | | | | | | | | 3 | 4 | 5 | |
| 3 | | | | | | | 3 | 4 | 5 | | | | |
| 6 | | | | 3 | 4 | 5 | | | | | | | |
| 9 | 3 | 4 | 5 | | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | –5.5 | –4.5 | –3.5 | –2.5 | –1.5 | –0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | | |
| 0 | | | | | | | | | | 3 | 4 | 5 | | | |
| 3 | | | | | | | 3 | 4 | 5 | | | | | | |
| 6 | | | | 3 | 4 | 5 | | | | | | | | | |
| 9 | 3 | 4 | 5 | | | | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | –5 | –4 | –3 | –2 | |
| 0 | | | | | | | | | | | 3 | 4 | 5 | | |
| 3 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |

MD Mounting plate spacing (mm)

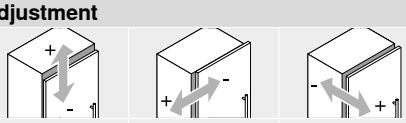
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 22 | 23 | 24 | 26 | 28 | 30 | 31 | 32 |
| 3 | 1.1 | 2.2 | 3.0 | 3.8 | 5.5 | △ | △ | △ | △ | △ | △ | △ |
| 4 | 1.1 | 2.0 | 2.7 | 3.5 | 5.0 | △ | △ | △ | △ | △ | △ | △ |
| 5 | 1.1 | 1.8 | 2.4 | 3.0 | 4.6 | △ | △ | △ | △ | △ | △ | △ |

△ In these cases a trial is recommended

### Adjustment

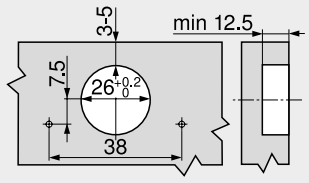



Max. ±3.0 mm
See mounting plates

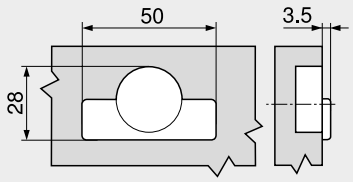
+0.5 mm
–3.5 mm

+3.0 mm
–1.0 mm

### Screw-on

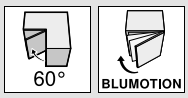



### Hinge boss dimensions



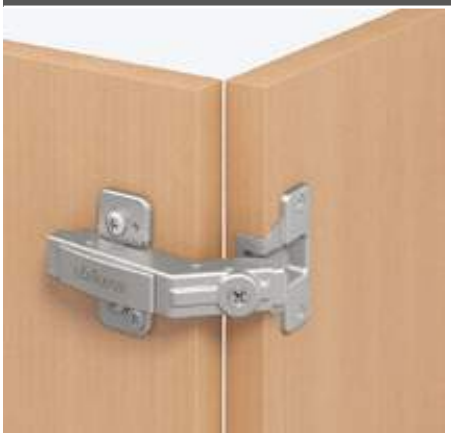

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | More technical details | 686 | | |
| Accessories – hinge arm cover cap | 181 | | | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |



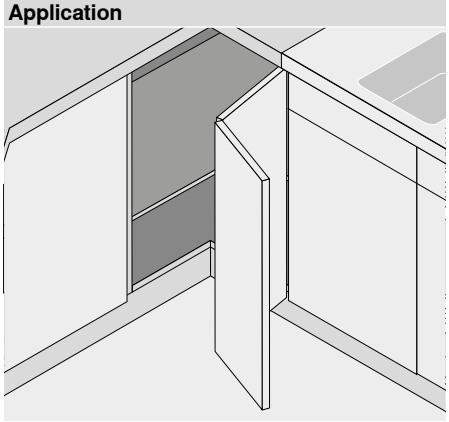

## Corner cabinet bi-fold hinge

Webcode DQDQJY



- **Special hinge for corner cabinets with bi-fold doors**
- **For door thicknesses from 15–23 mm, factory setting for 19 mm door thickness**
- **For use in combination with 155° or 170° hinge**
- **CLIP top** with closing mechanism (spring)
- All metal hinge
- 60° opening angle
- 3-dimensional front adjustment
- Easy gap and depth adjustment using the spiral-tech feature
- Tool-free door to cabinet assembly and removal

### Application



### Order information

#### Basic applications

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 79T8500 |

● With spring NI Nickel plated

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 79T8530 |

### a Accessories

**BLUMOTION 970.**

| Version | Part no. |
|---|---|
| For drilling | 970.1002 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1503 |
| Stamped | Blum | NI | 70.1503.BP |

### Also requires

| | |
|---|---|
| CLIP top 155° hinge | 104 |
| CLIP top 170° hinge | 108 |

### a Accessories – general

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |



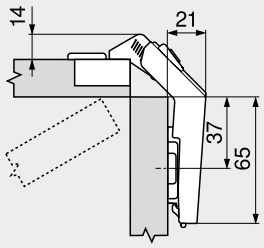



## Corner cabinet bi-fold hinge

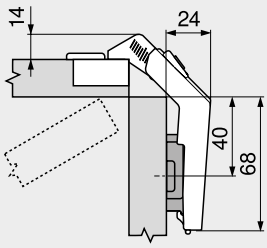
Webcode
DQDQJY

### Planning

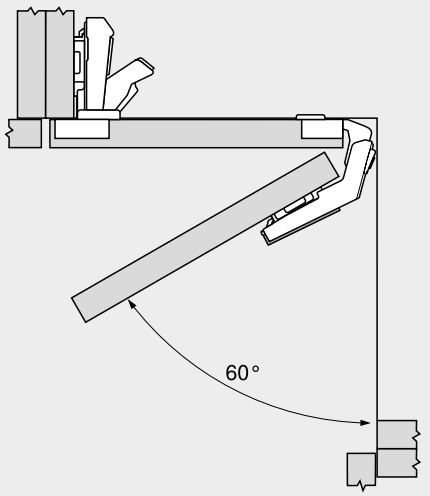
**Hinge dimensions and gap calculation based on factory setting**




Application for 19 mm thick door in conjunction with 0 mm spaced standard mounting plate

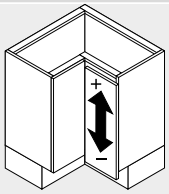



Application for 19 mm thick door in conjunction with 3 mm spaced standard mounting plate

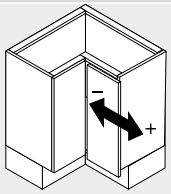



The hinge boss of the bi-fold hinge should be fixed to the same front as the hinge boss of the 170° and 155° hinge

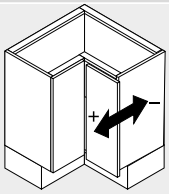
### Adjustment



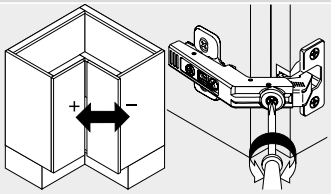
**Height adjustment**
Max. ±3.0 mm
See mounting plates



**Side adjustment**
+3.0 mm
–2.0 mm

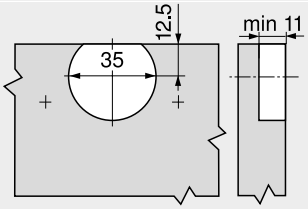


**Depth adjustment**
±2.0 mm

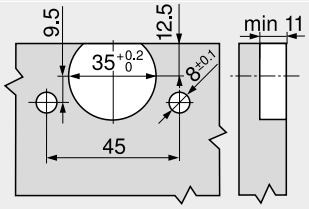


**Gap adjustment**
+7.2 mm
–4.2 mm

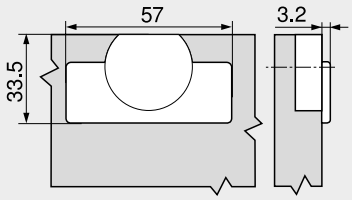
### Screw-on




### Knock-in




### Hinge boss dimensions




### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | More technical details | 686 | | |
| Accessories – hinge arm cover cap | 181 | | | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |
| Overview – BLUMOTION for doors | 185 | | | | |

# Hinge systems

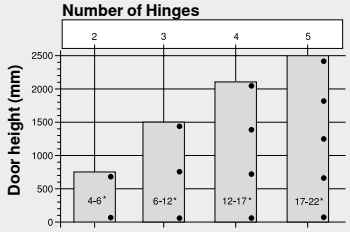
► CLIP top BLUMOTION | CLIP top – hinges

►► Overview – angled applications

| Angle | Inset application | | Half overlay application | | Overlay application | | Maximum overlay application | | Mitred application | |
|---|---|---|---|---|---|---|---|---|---|---|
| **►► Angled application – standard** | | | | | | | | | | |
| 50° | Nº 25 | 139 | Nº 54 | 139 | Nº 10 | 141 | Nº 45 | 143 | Nº 61 | 139 |
| 45° | Nº 24 | 141 | Nº 53 | 139 | Nº 9 | 141 | Nº 44 | 143 | Nº 60 | 139 |
| 40° | Nº 23 | 139 | Nº 108 | 142 | Nº 8 | 142 | Nº 43 | 142 | Nº 109 | 143 |
| 35° | Nº 22 | 145 | Nº 52 | 145 | Nº 7 | 145 | Nº 42 | 146 | Nº 59 | 145 |
| 30° | Nº 21 | 145 | Nº 51 | 145 | Nº 6 | 145 | Nº 41 | 146 | Nº 58 | 145 |
| 25° | Nº 20 | 144 | Nº 50 | 144 | Nº 5 | 149 | Nº 40 | 146 | Nº 57 | 144 |
| 20° | Nº 19 | 149 | Nº 49 | 149 | Nº 4 | 149 | Nº 39 | 151 | Nº 56 | 149 |
| 15° | Nº 18 | 148 | Nº 48 | 148 | Nº 3 | 151 | Nº 38 | 151 | Nº 55 | 148 |
| 10° | Nº 17 | 150 | Nº 47 | 150 | Nº 2 | 150 | Nº 37 | 151 | | |
| 5° | Nº 16 | 153 | Nº 46 | 153 | Nº 1 | 153 | Nº 36 | 153 | | |
| –5° | Nº 15 | 153 | | | | | Nº 35 | 153 | | |
| –10° | Nº 14 | 155 | | | | | Nº 34 | 155 | | |
| –15° | Nº 13 | 154 | | | | | Nº 33 | 155 | | |
| –20° | Nº 12 | 154 | | | | | Nº 32 | 154 | | |
| –25° | Nº 11 | 156 | | | | | Nº 31 | 157 | | |
| –30° | | | | | | | Nº 30 | 156 | | |
| –35° | | | | | | | Nº 29 | 156 | | |
| –40° | | | | | | | Nº 28 | 158 | | |
| –45° | | | | | | | Nº 27 | 158 | | |
| –50° | | | | | | | Nº 26 | 158 | | |
| **►► Angled application – thin doors** | | | | | | | | | | |
| 15° | Nº 117 | 161 | | | Nº 113 | 161 | | | | |
| 10° | Nº 116 | 161 | | | Nº 112 | 161 | | | | |
| 5° | Nº 115 | 160 | | | Nº 111 | 161 | | | | |
| –5° | Nº 114 | 160 | | | Nº 110 | 160 | | | | |
| **►► Angled application – glass door** | | | | | | | | | | |
| **CRISTALLO angled application** | | | | | | | | | | |
| 15° | Nº 105 | 163 | | | Nº 102 | 163 | | | | |
| 10° | Nº 104 | 163 | | | Nº 101 | 163 | | | | |
| 5° | Nº 103 | 162 | | | Nº 100 | 163 | | | | |
| –5° | Nº 106 | 163 | | | Nº 107 | 162 | | | | |
| **Angled hinge for glass doors** | | | | | | | | | | |
| 50° | Nº 76 | 165 | | | Nº 68 | 165 | | | | |
| 45° | Nº 75 | 164 | | | Nº 67 | 164 | | | | |
| 40° | Nº 74 | 164 | | | | | | | | |
| 5° | Nº 70 | 167 | | | Nº 63 | 167 | | | | |
| –5° | Nº 69 | 167 | | | Nº 62 | 167 | | | | |
| **►► Angled application – frame door** | | | | | | | | | | |
| **Angled hinge with mini boss** | | | | | | | | | | |
| 50° | Nº 99 | 169 | Nº 91 | 169 | Nº 83 | 169 | | | | |
| 45° | Nº 98 | 168 | Nº 90 | 169 | Nº 82 | 169 | | | | |
| 40° | Nº 97 | 168 | Nº 89 | 168 | | | | | | |
| 5° | Nº 93 | 171 | Nº 85 | 171 | Nº 78 | 171 | | | | |
| –5° | Nº 92 | 171 | Nº 84 | 171 | Nº 77 | 171 | | | | |

| Description | | Material | Adjustment | Height |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|
| **▸▸ Mounting plates** | | | | | | | | | | |
| Horizontal cam mounting plate | 20/32 | Steel | Cam | ±2 mm | 172 | | 172 | 173 | 173 | |
| Horizontal cam mounting plate for dual application | 20/32 | Steel | Cam | ±2 mm | | | | 173 | | |
| INSERTA cruciform mounting plate | 37/32 | Steel | Cam | ±2 mm | | 174 | | | | |
| Cruciform cam mounting plate | 37/32 | Steel | Cam | ±2 mm | 174 | | 174 | | | |
| Cruciform cam mounting plate for dual application | 37/32 | Steel | Cam | ±2 mm | | | 174 | | | |
| Cruciform mounting plate | 37/32 | Zinc | Screws (two-part) | ±2 mm | 175 | | | 175 | | |
| Cruciform mounting plate | 37/32 | Steel | Elongated hole | ±2 mm | | | 175 | | | |
| Cruciform mounting plate | 37/32 | Steel | Elongated hole | ±3 mm | 175 | | | 175 | | 176 |
| Cruciform mounting plate for dual application | 37/32 | Steel | Elongated hole | ±3 mm | | | | 176 | | |
| Cruciform mounting plate | 28/32 | Steel | Elongated hole | ±3 mm | | | | 176 | | |
| Cruciform mounting plate | 37/32 | Zinc | Elongated hole | ±3 mm | | | | 177 | | |
| **▸▸ Angled spacers** | | | | | | | | | | |
| +5° obtuse angled spacer | 37/32 | Zinc | | | 178 | | | | | |
| –5° acute angled spacer | 37/32 | Zinc | | | 178 | | | | | |

**Number of Hinges**




* Door weight FG (kg)

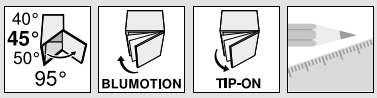
The number of hinges depends on the door weight and front height

To achieve good stability, distances between hinges should be as large as possible

Information on weight and height apply to a standard door width of 600 mm

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## +45° I – angled hinge half overlay

Webcode DQDR9A



- **For corner cabinets with set back fronts**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- +45° I angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 40° | 45° | 50° |
| | Nº 23 | Nº 24 | Nº 25 |
| | 139 | 141 | 139 |
| | Nº 108 | Nº 53 | Nº 54 |
| | 142 | 139 | 139 |
| | Nº 8 | Nº 9 | Nº 10 |
| | 142 | 141 | 141 |
| | Nº 43 | Nº 44 | Nº 45 |
| | 142 | 143 | 143 |
| | Nº 109 | Nº 60 | Nº 61 |
| | 143 | 139 | 139 |

Overview – angled applications 136

WA Angled application

## Order information

**Boss** – **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 79B9698 |

● With spring ○ Unsprung
NI Nickel plated ONS Onyx black

**Boss** – **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9658 |
| CLIP top | ○ | NI | 78A9658.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

## Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

## Page instructions

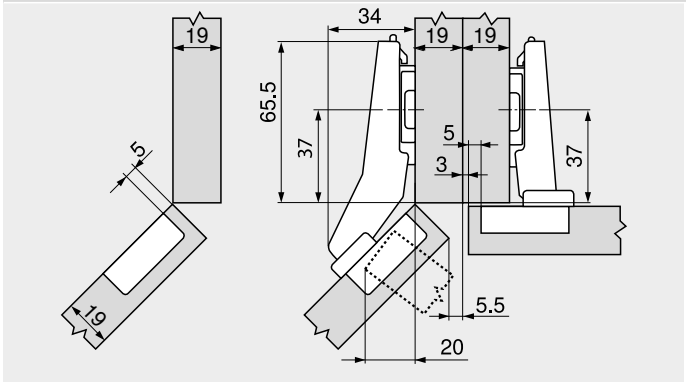

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |

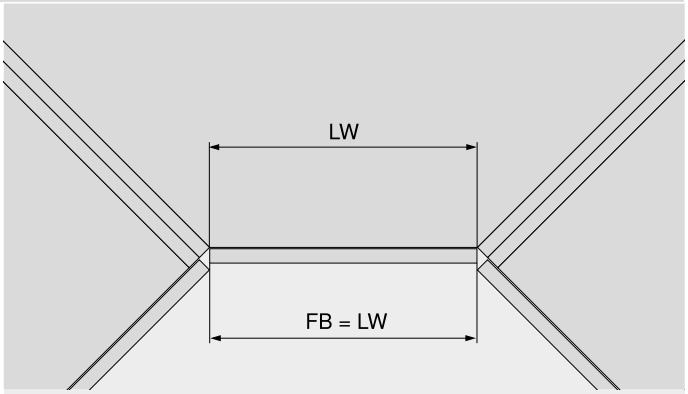

## Planning

### Note

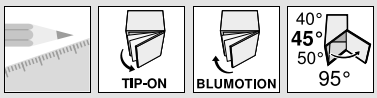
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

### Corner cabinet




FB Front width
LW Internal cabinet width



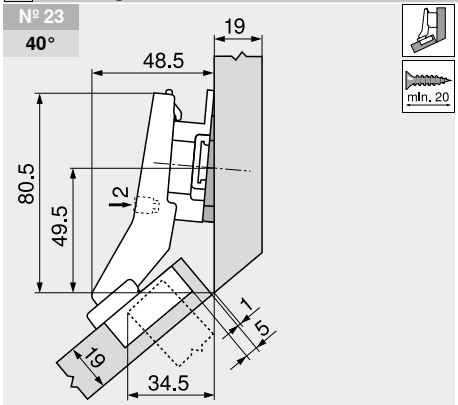



## +45° I – angled hinge half overlay

Webcode DQDR9A

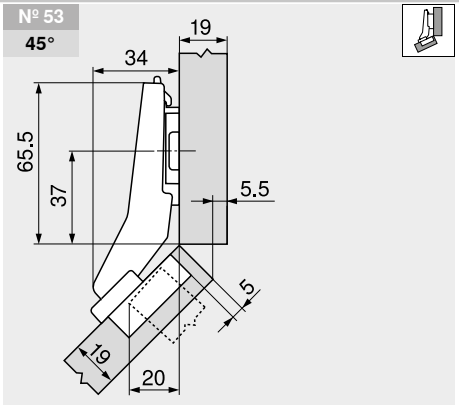
### Planning

**№ 23** 40°



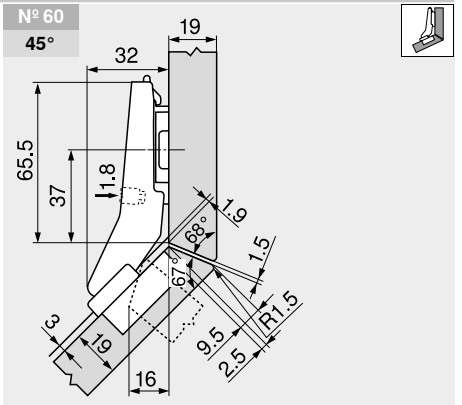

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | –5° | 171A5500 |

**№ 53** 45°



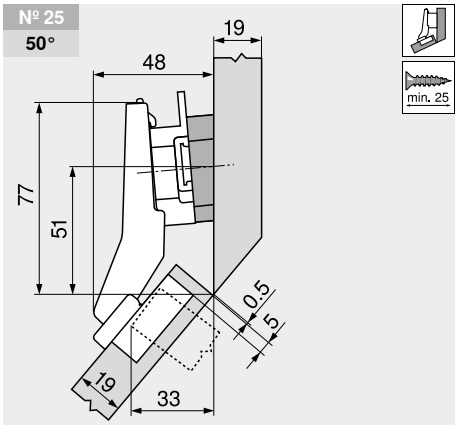

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

**№ 60** 45°



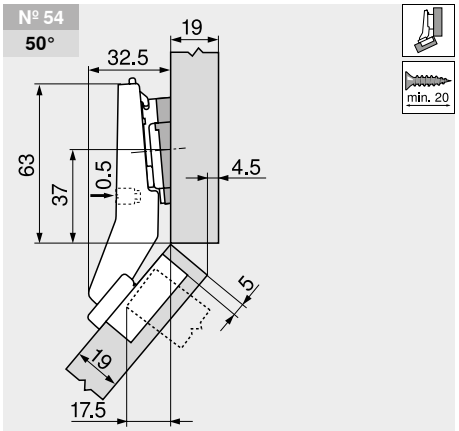

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

**№ 25** 50°



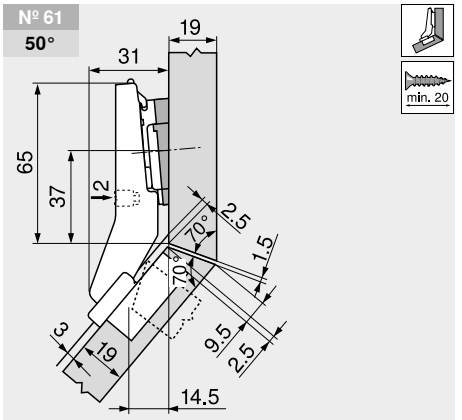

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | +5° | 171A5070 |

**№ 54** 50°



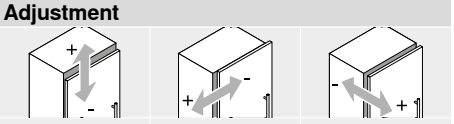

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 61** 50°



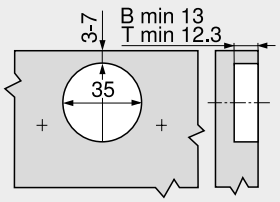

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment



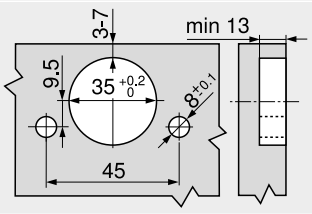
| Max. ±3.0 mm<br>See mounting plates | ±1.8 mm | ±2.0 mm |
|---|---|---|

### Screw-on

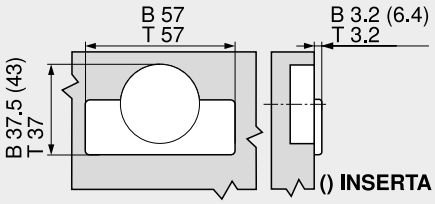



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA



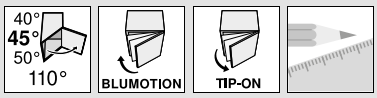

### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## +45° II – angled hinge overlay

Webcode DQDRYM



- **For corner cabinets with flush fronts**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- +45° II angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 40° | 45° | 50° |
| | Nº 23 | Nº 24 | Nº 25 |
| | 139 | 141 | 139 |
| | Nº 108 | Nº 53 | Nº 54 |
| | 142 | 139 | 139 |
| | Nº 8 | Nº 9 | Nº 10 |
| | 142 | 141 | 141 |
| | Nº 43 | Nº 44 | Nº 45 |
| | 142 | 143 | 143 |
| | Nº 109 | Nº 60 | Nº 61 |
| | 143 | 139 | 139 |

Overview – angled applications 136

WA Angled application

## Order information

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 79B3598 |

● With spring
○ Unsprung
NI Nickel plated
ONS Onyx black

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B3558 |
| CLIP top | ○ | NI | 78T5550 |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1503 |
| Stamped | Blum | NI \| ONS | 70.1503.BP |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

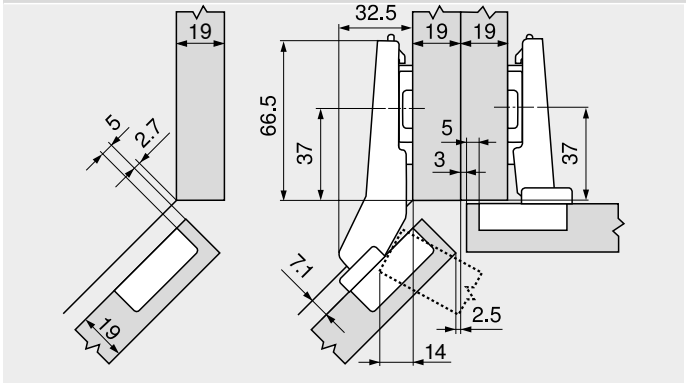

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |

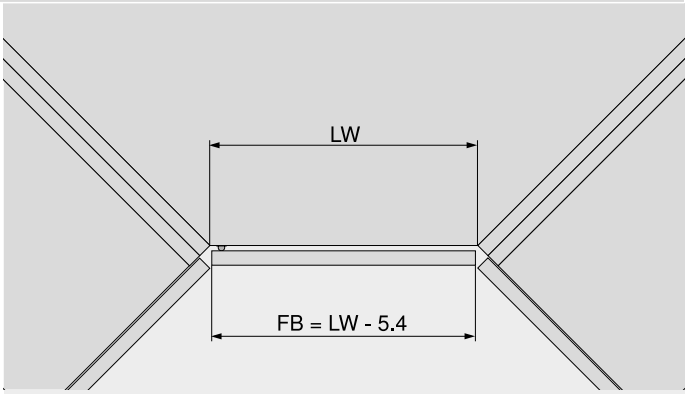

## Planning

### Note

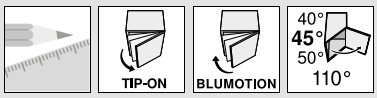
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

### Corner cabinet




FB Front width
LW Internal cabinet width

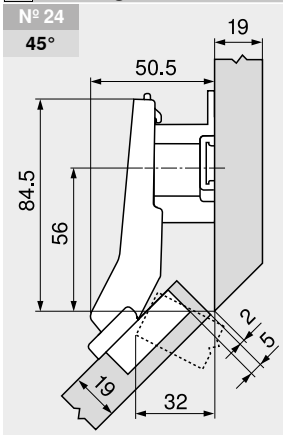



## +45° II – angled hinge overlay

Webcode DQDRYM

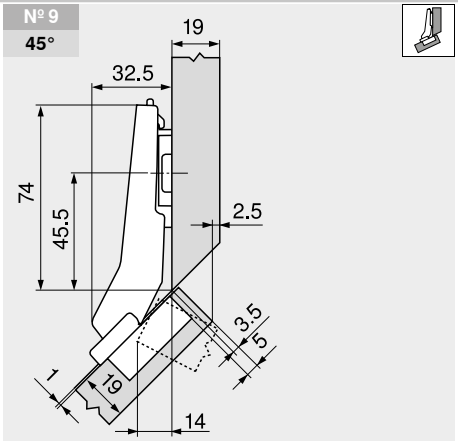
### Planning

**№ 24**
**45°**



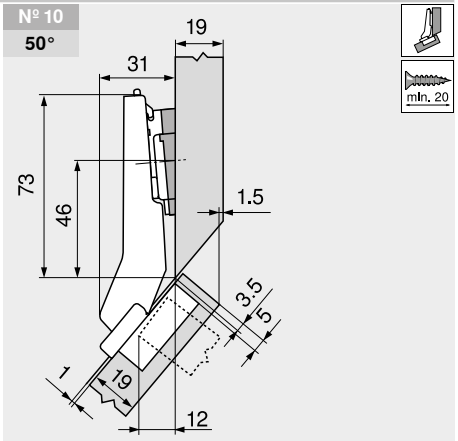

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |

**№ 9**
**45°**



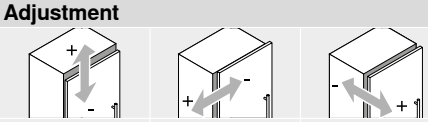

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

**№ 10**
**50°**



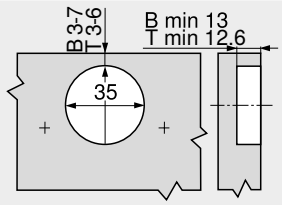

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment



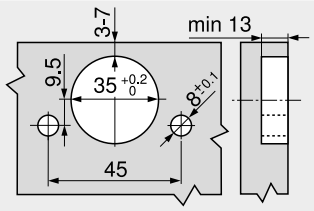
| Max. ±3.0 mm<br>See mounting plates | ±1.8 mm | ±2.0 mm |
|---|---|---|

### Screw-on

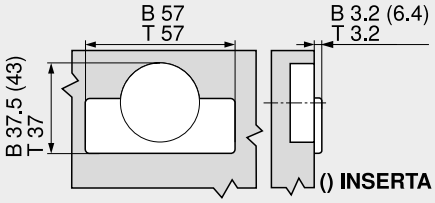



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA



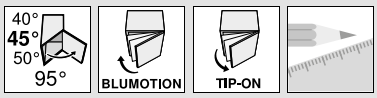

### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## +45° III – angled hinge full overlay

Webcode DQDSNY



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- +45° III angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 40° | 45° | 50° |
| | Nº 23 | Nº 24 | Nº 25 |
| | 139 | 141 | 139 |
| | Nº 108 | Nº 53 | Nº 54 |
| | 142 | 139 | 139 |
| | Nº 8 | Nº 9 | Nº 10 |
| | 142 | 141 | 141 |
| | Nº 43 | Nº 44 | Nº 45 |
| | 142 | 143 | 143 |
| | Nº 109 | Nº 60 | Nº 61 |
| | 143 | 139 | 139 |

Overview – angled applications 136
WA Angled application

## Order information

**Boss** – **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9498 |

● With spring ○ Unsprung NI Nickel plated

**Boss** – **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9458 |
| CLIP top | ○ | NI | 78A9458.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

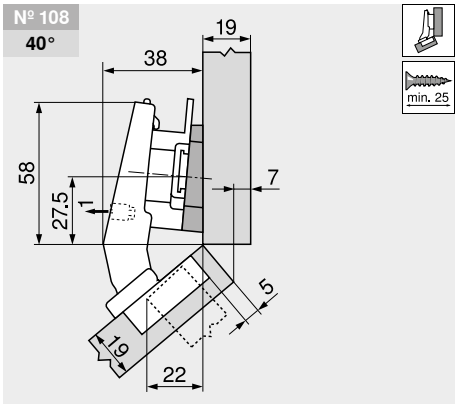

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |


## Planning

### Note

These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

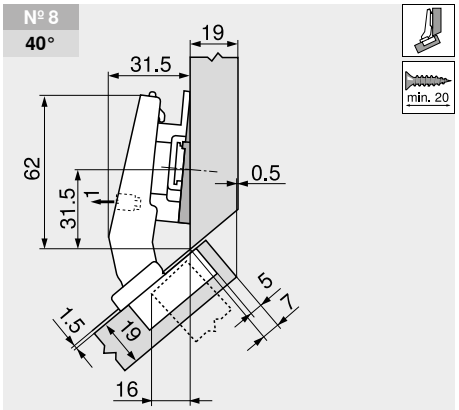
**Nº 108 | 40°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | +5° | 171A5040 |

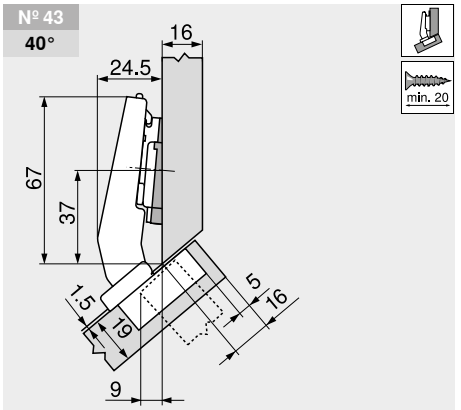
The angle wedge is installed rotated by 180° (arrow points to the cabinet)!

**Nº 8 | 40°**

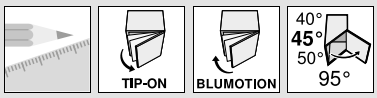



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |
| Angled spacer | –5° | 171A5500 |

**Nº 43 | 40°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

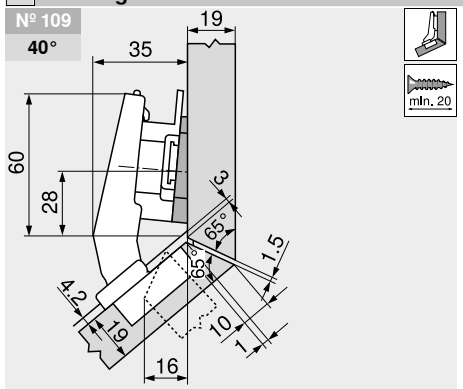



## +45° III – angled hinge full overlay

Webcode DQDSNY

### Planning

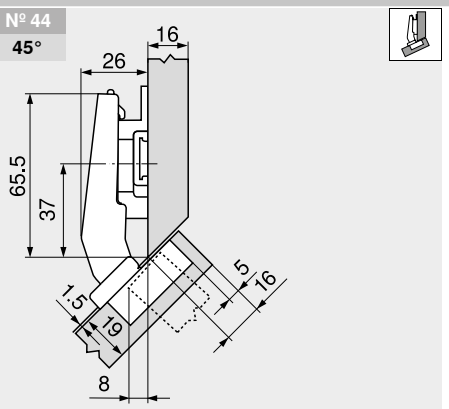
**№ 109**
**40°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | +5° | 171A5010 |

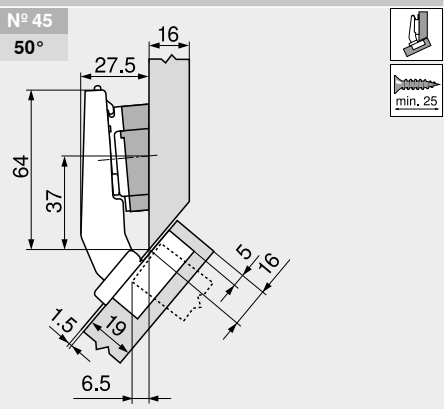
The angle wedge is installed rotated by 180° (arrow points to the cabinet)!

**№ 44**
**45°**



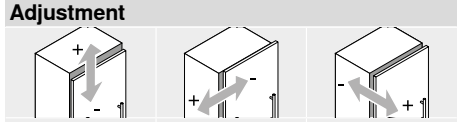

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |

**№ 45**
**50°**



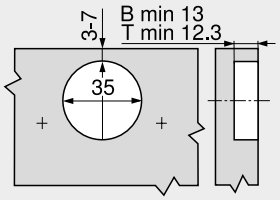

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5070 |

### Adjustment



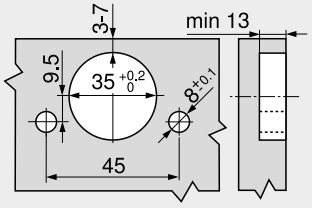
| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | ±2.0 mm |
|---|---|---|

### Screw-on

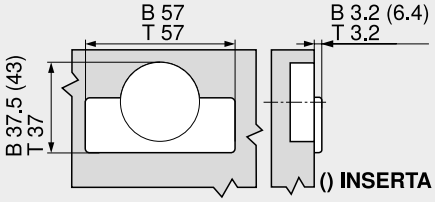



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA



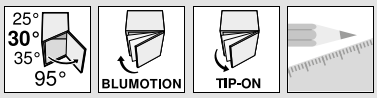

### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## +30° II – angled hinge overlay



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- +30° II angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

Webcode DQDTDA

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 25° | 30° | 35° |
| | Nº 20 | Nº 21 | Nº 22 |
| | 144 | 145 | 145 |
| | Nº 50 | Nº 51 | Nº 52 |
| | 144 | 145 | 145 |
| | Nº 5 | Nº 6 | Nº 7 |
| | 149 | 145 | 145 |
| | Nº 40 | Nº 41 | Nº 42 |
| | 146 | 146 | 146 |
| | Nº 57 | Nº 58 | Nº 59 |
| | 144 | 145 | 145 |

Overview – angled applications 136
WA Angled application

## Order information

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 79B9596 |

● With spring
○ Unsprung
NI Nickel plated
ONS Onyx black

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9556 |
| CLIP top | ○ | NI | 78A9556.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

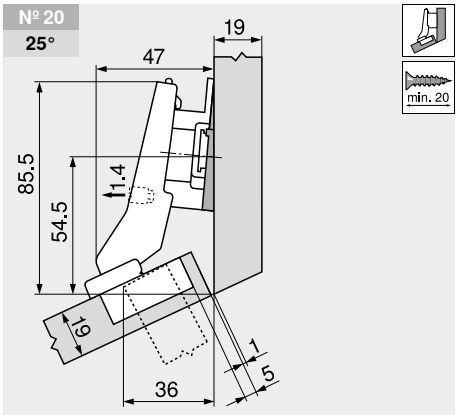
| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |

## Planning

### Note

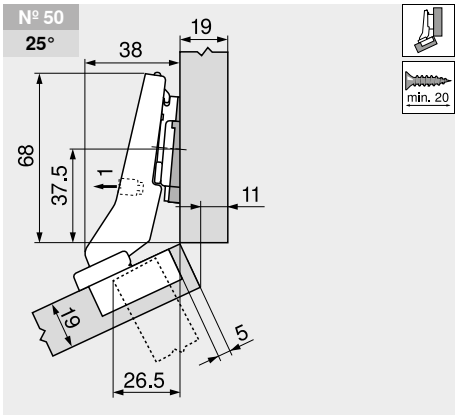
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

**Nº 20**
**25°**



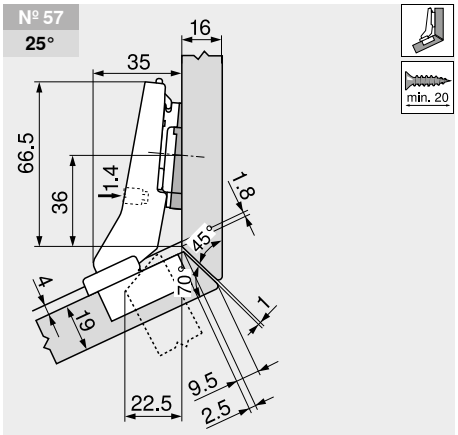

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | –5° | 171A5500 |

**Nº 50**
**25°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**Nº 57**
**25°**



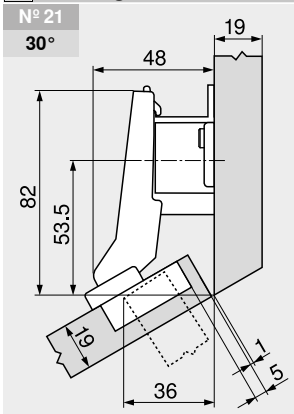

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

## +30° II – angled hinge overlay

Webcode DQDTDA

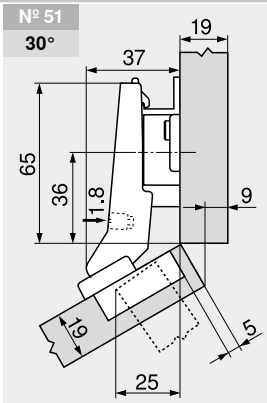
### Planning

**№ 21** **30°**



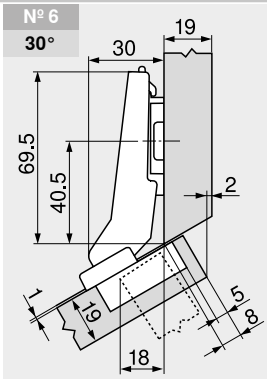

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |

**№ 51** **30°**



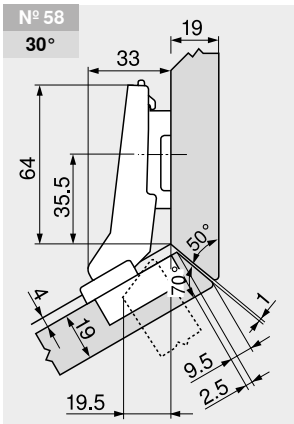

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |

**№ 6** **30°**



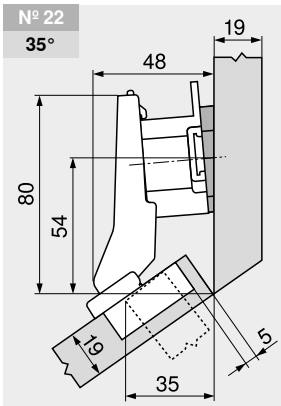

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

**№ 58** **30°**



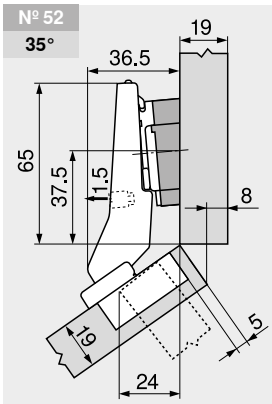

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |

**№ 22** **35°**



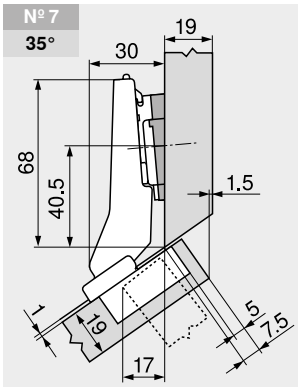

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |
| Angled spacer | +5° | 171A5010 |

**№ 52** **35°**



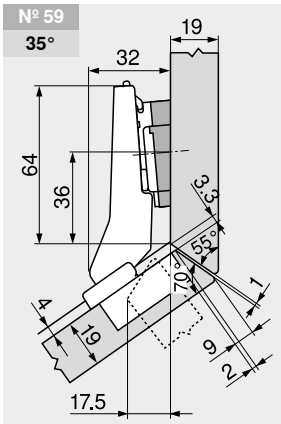

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5070 |

**№ 7** **35°**



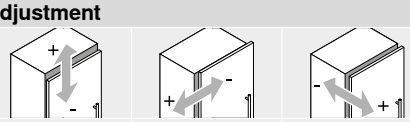

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 59** **35°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5040 |

### Adjustment



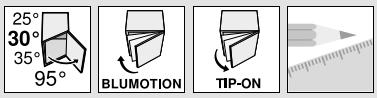
| Max. ±3.0 mm See mounting plates | ±1.8 mm | ±2.0 mm |
|---|---|---|

### Page instructions

Hinge boss fixing 147

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## +30° III – angled hinge full overlay

Webcode DQDU2M



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- +30° III angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 25° | 30° | 35° |
| | Nº 20 | Nº 21 | Nº 22 |
| | 144 | 145 | 145 |
| | Nº 50 | Nº 51 | Nº 52 |
| | 144 | 145 | 145 |
| | Nº 5 | Nº 6 | Nº 7 |
| | 149 | 145 | 145 |
| | Nº 40 | Nº 41 | Nº 42 |
| | 146 | 146 | 146 |
| | Nº 57 | Nº 58 | Nº 59 |
| | 144 | 145 | 145 |

Overview – angled applications 136
WA Angled application

## Order information

**Boss** – **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9496 |

● With spring NI Nickel plated
○ Unsprung

**Boss** – **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9456 |
| CLIP top | ○ | NI | 78A9456.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

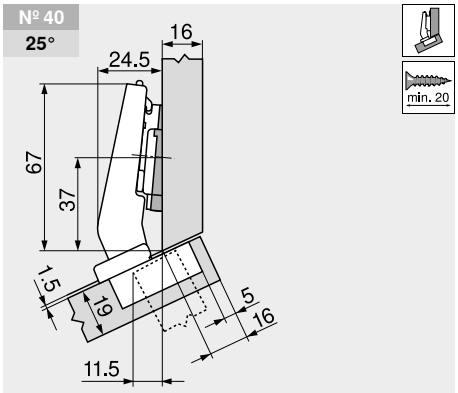
| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |

## Planning

### Note

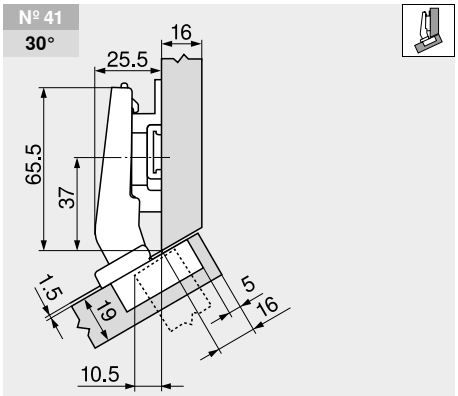
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

**Nº 40** **25°**



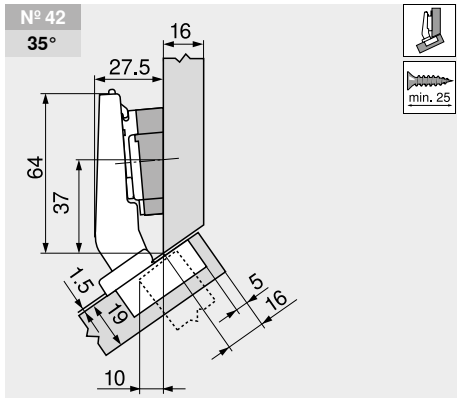

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**Nº 41** **30°**

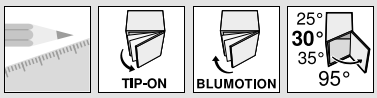



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |

**Nº 42** **35°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5070 |



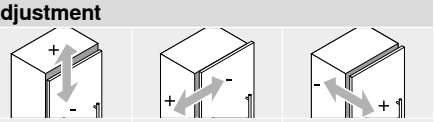



## +30° III – angled hinge full overlay

Webcode
DQDU2M

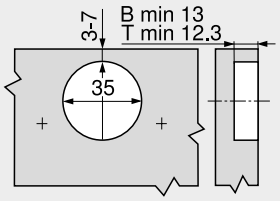
### Planning

#### Adjustment



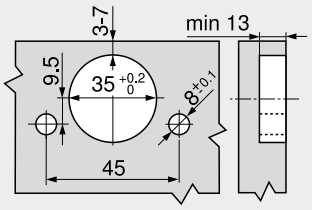

| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | ±2.0 mm |
|---|---|---|

#### Screw-on

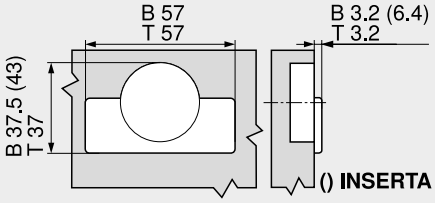



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

#### INSERTA



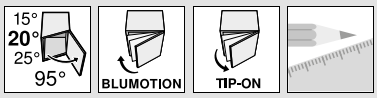

#### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## +20° II – angled hinge overlay



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- +20° II angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

Webcode DQDURY

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 15° | 20° | 25° |
| | № 18 | № 19 | № 20 |
| | 148 | 149 | 144 |
| | № 48 | № 49 | № 50 |
| | 148 | 149 | 144 |
| | № 3 | № 4 | № 5 |
| | 151 | 149 | 149 |
| | № 38 | № 39 | № 40 |
| | 151 | 151 | 146 |
| | № 55 | № 56 | № 57 |
| | 148 | 149 | 144 |

Overview – angled applications 136
WA Angled application

## Order information

**Boss** – **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9595 |

● With spring ○ Unsprung NI Nickel plated

**Boss** – **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9555 |
| CLIP top | ○ | NI | 78A9555.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

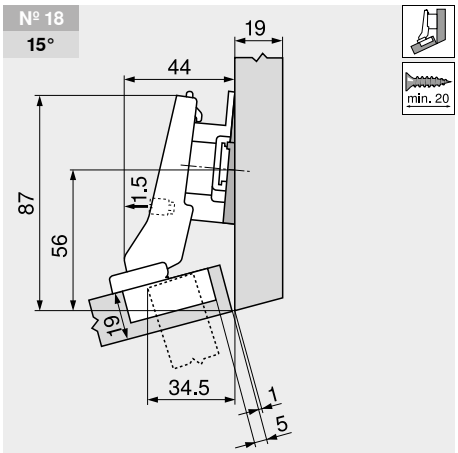

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |


## Planning

### Note

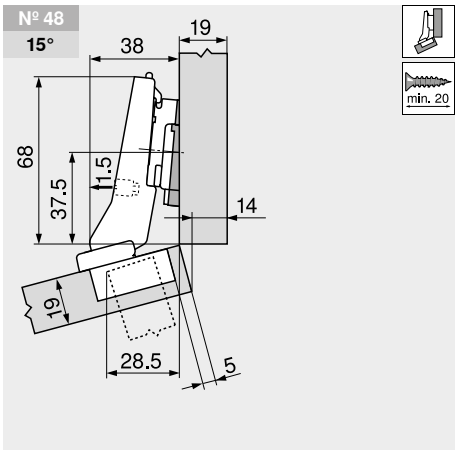
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

№ 18
15°



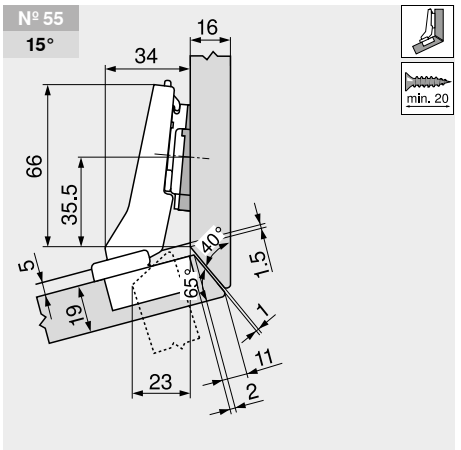

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | –5° | 171A5500 |

№ 48
15°

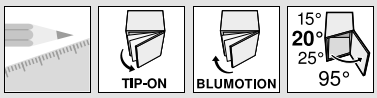



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |
| Angled spacer | –5° | 171A5500 |

№ 55
15°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |





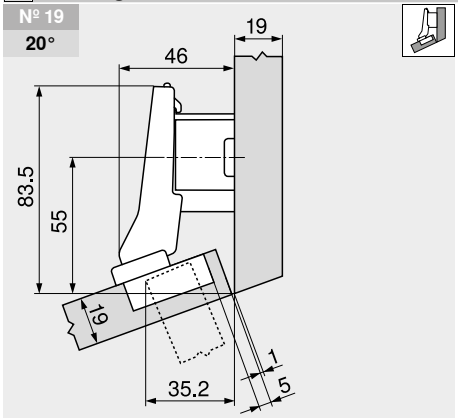



## +20° II – angled hinge overlay

Webcode DQDURY

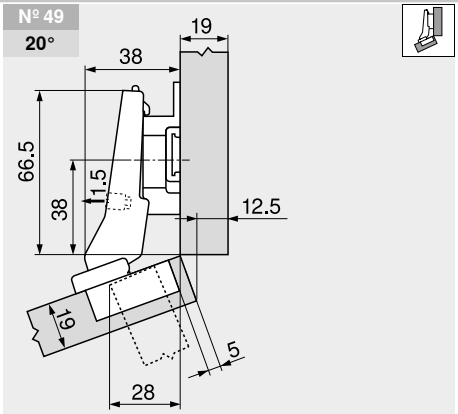
### Planning

**№ 19** **20°**



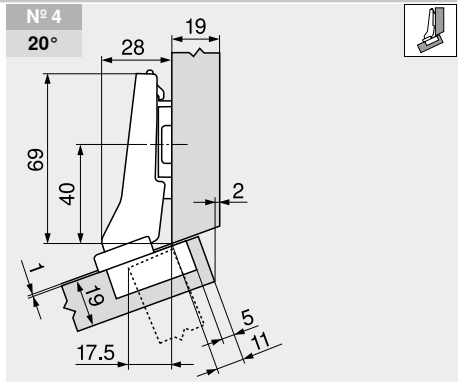

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |

**№ 49** **20°**



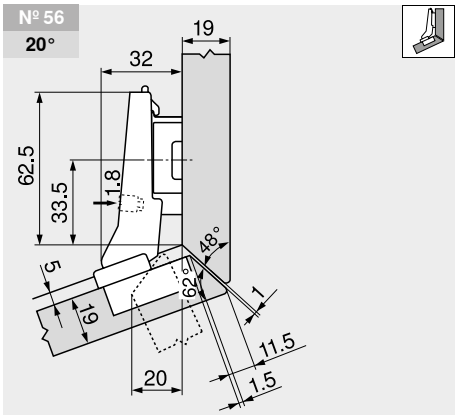

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |

**№ 4** **20°**



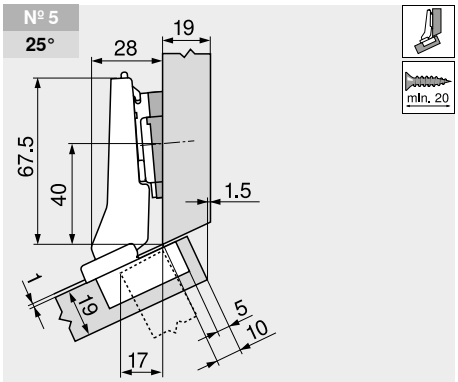

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

**№ 56** **20°**



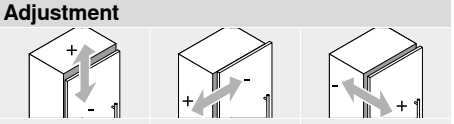

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |

**№ 5** **25°**



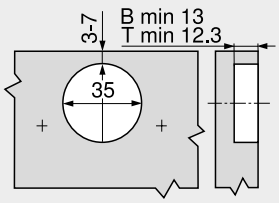

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment



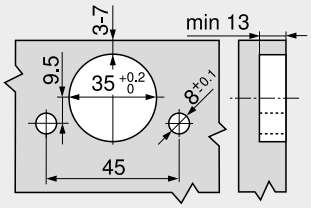
| Max. ±3.0 mm<br>See mounting plates | ±1.8 mm | ±2.0 mm |
|---|---|---|

### Screw-on

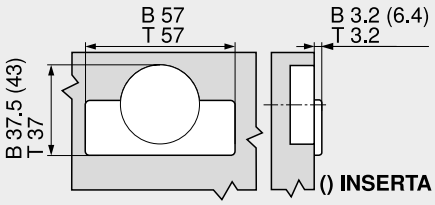



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA



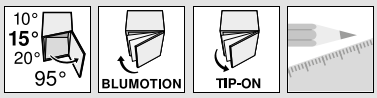

### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## +15° III – angled hinge full overlay



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- +15° III angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

Webcode DQDVHA

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 10° | 15° | 20° |
| | № 17 | № 18 | № 19 |
| | 150 | 148 | 149 |
| | № 47 | № 48 | № 49 |
| | 150 | 148 | 149 |
| | № 2 | № 3 | № 4 |
| | 150 | 151 | 149 |
| | № 37 | № 38 | № 39 |
| | 151 | 151 | 151 |
| | | № 55 | № 56 |
| | | 148 | 149 |

Overview – angled applications 136
WA Angled application

### Order information

**Boss – INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 79B9494 |

● With spring
○ Unsprung
NI Nickel plated
ONS Onyx black

**Boss – Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B9454 |
| CLIP top | ○ | NI | 78A9454.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI \| ONS | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI \| ONS | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

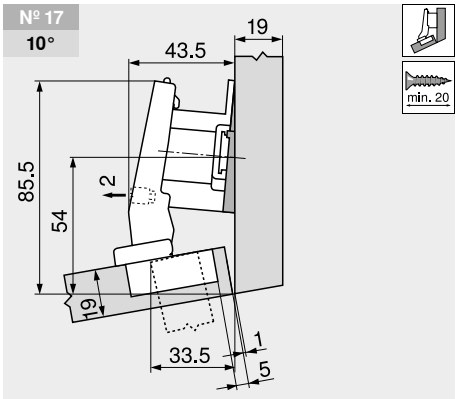
| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |

## Planning

### Note

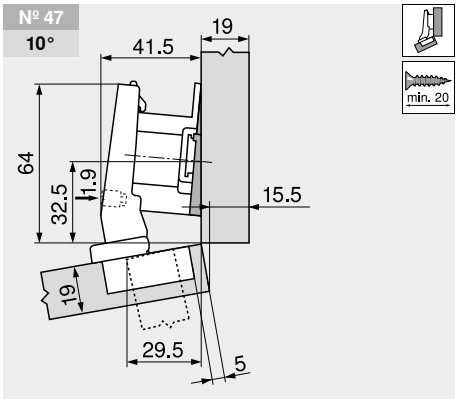
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

№ 17
10°



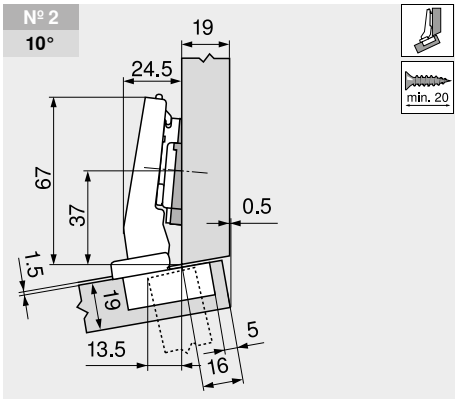

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |
| Angled spacer | –5° | 171A5500 |

№ 47
10°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |
| Angled spacer | –5° | 171A5500 |

№ 2
10°



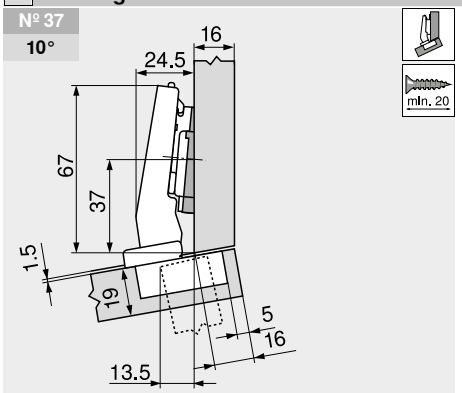

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

## +15° III – angled hinge full overlay

Webcode DQDVHA

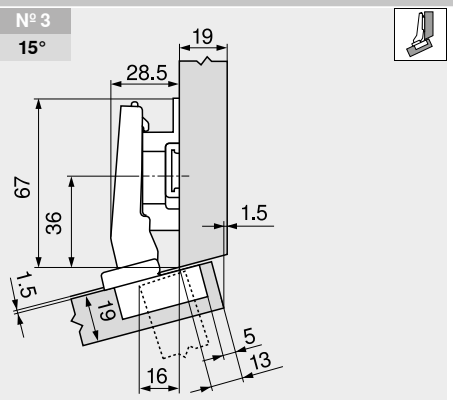
### Planning

**№ 37**
**10°**



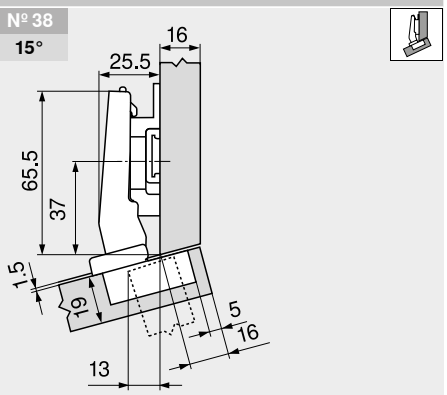

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**№ 3**
**15°**



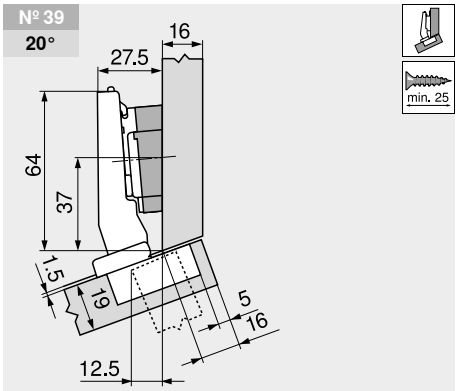

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |

**№ 38**
**15°**



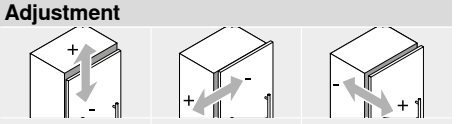

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |

**№ 39**
**20°**



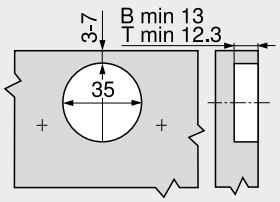

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5070 |

### Adjustment



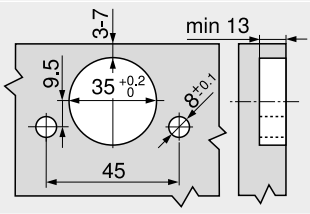
| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | ±2.0 mm |
|---|---|---|

### Screw-on

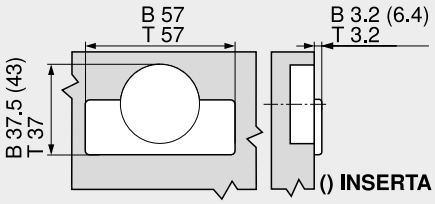



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA



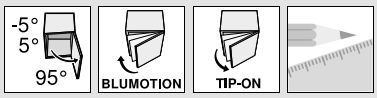

### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## ±5° angled application



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- All metal hinge
- ±5° angled application
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

Webcode DQDW6M

**Page instructions**

| WA | Angle | WA | Angle |
|---|---|---|---|
| | –5° | | 5° |
| | Nº 15 153 | | Nº 16 153 |
| | | | Nº 46 153 |
| | | | Nº 1 153 |
| | Nº 35 153 | | Nº 36 153 |
| | | | |

Overview – angled applications 136
WA Angled application

## Order information

### Overlay application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9590 |
| CLIP top | ● | NI | 71T9590B |
| CLIP top | ○ | NI | 70T9590BTL |

● With spring NI Nickel plated
○ Unsprung

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9550 |
| CLIP top | ● | NI | 71T9550 |
| CLIP top | ○ | NI | 70T9550.TL |

**a Accessories**

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### Dual application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9690 |
| CLIP top | ● | NI | 71T9690B |
| CLIP top | ○ | NI | 70T9690BTL |

● With spring NI Nickel plated
○ Unsprung

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9650 |
| CLIP top | ● | NI | 71T9650 |
| CLIP top | ○ | NI | 70T9650.TL |

**a Accessories**

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

### Inset application

**Boss | INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9790 |
| CLIP top | ● | NI | 71T9790B |
| CLIP top | ○ | NI | 70T9790BTL |

● With spring NI Nickel plated
○ Unsprung

**Boss | Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B9750 |
| CLIP top | ● | NI | 71T9750 |
| CLIP top | ○ | NI | 70T9750.TL |

**a Accessories**

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1663 |
| Stamped | Blum | NI | 70.1663.BP |

**Note**
CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

## a Accessories – general

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

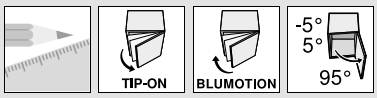
**Page instructions**


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | | |
| Accessories – general | 182 | | | | |
| Overview – BLUMOTION for doors | 185 | | | | |


Short-URL
www.blum.com/a210

## Planning

**Note**
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

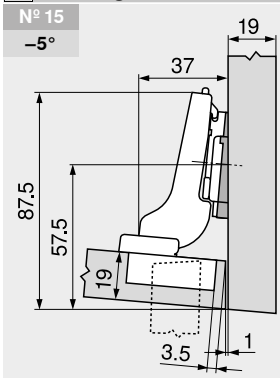



## ±5° angled application

Webcode DQDW6M

### Planning

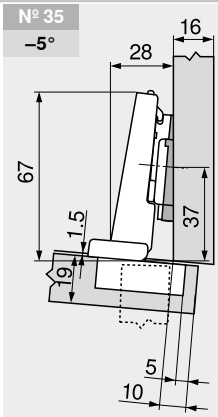
**№ 15** –5°




**Hinge with cranked hinge arm**

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

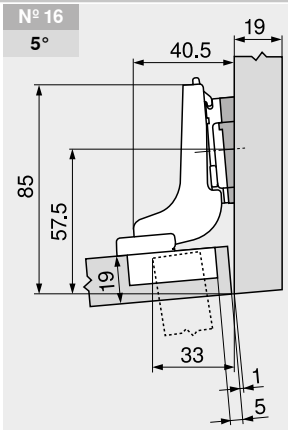
**№ 35** –5°




**Hinge with straight hinge arm**

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

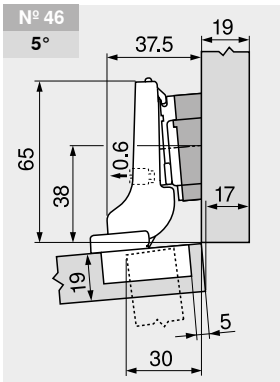
**№ 16** 5°




**Hinge with double cranked hinge arm**

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

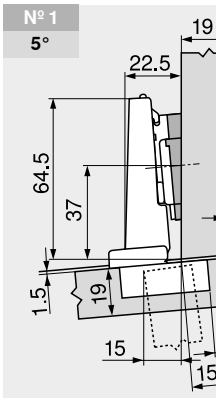
**№ 46** 5°




**Hinge with cranked hinge arm**

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5070 |

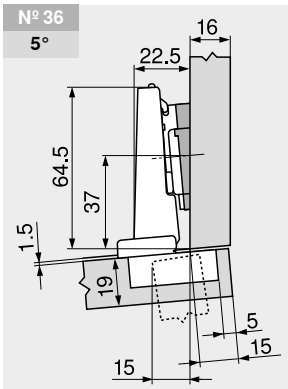
**№ 1** 5°




**Hinge with straight hinge arm**

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

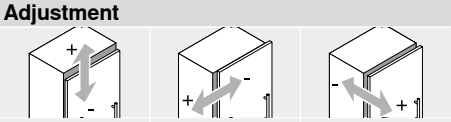
**№ 36** 5°




**Hinge with straight hinge arm**

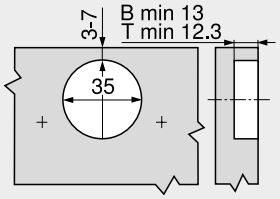
| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment



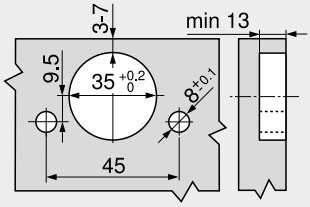
| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | ±2.0 mm |
|---|---|---|

### Screw-on

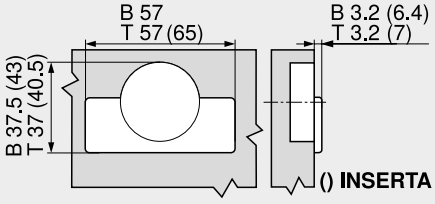



B CLIP top BLUMOTION
T CLIP top

### INSERTA



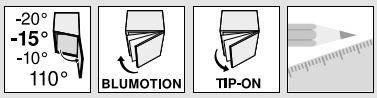

### Hinge boss dimensions




B CLIP top BLUMOTION
T CLIP top

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## –15° III – angled hinge full overlay



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- –15° III angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

Webcode DQDWVY

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | –20° | –15° | –10° |
| | № 12 | № 13 | № 14 |
| | 154 | 154 | 155 |
| | | | |
| | | | |
| | № 32 | № 33 | № 34 |
| | 154 | 155 | 155 |
| | | | |

Overview – angled applications 136
WA Angled application

## Order information

| Boss | | INSERTA | |
|---|---|---|---|
| Hinge | Spring | Colour | Part no. |
| CLIP top BLUMOTION | ● | NI | 79B3493 |

● With spring
○ Unsprung
NI Nickel plated

| Boss | | Screw-on | |
|---|---|---|---|
| Hinge | Spring | Colour | Part no. |
| CLIP top BLUMOTION | ● | NI | 79B3453 |
| CLIP top | ○ | NI | 78A5453.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

## Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

## Page instructions

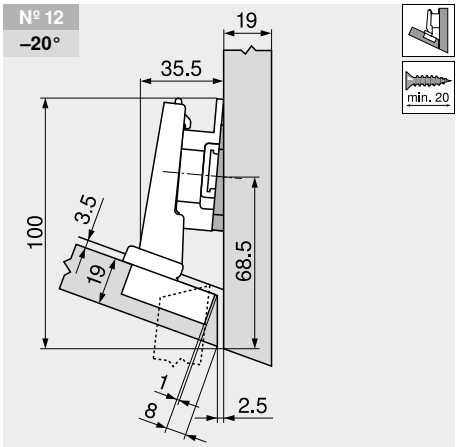

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |


## Planning

### Note

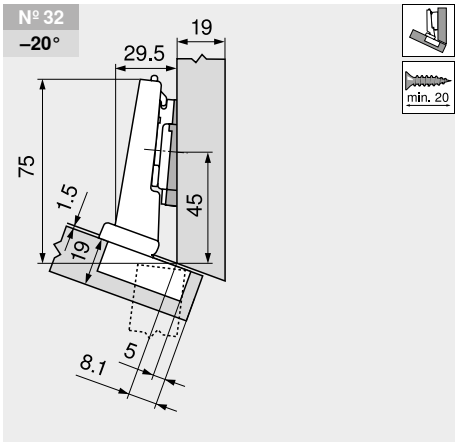
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

№ 12
–20°



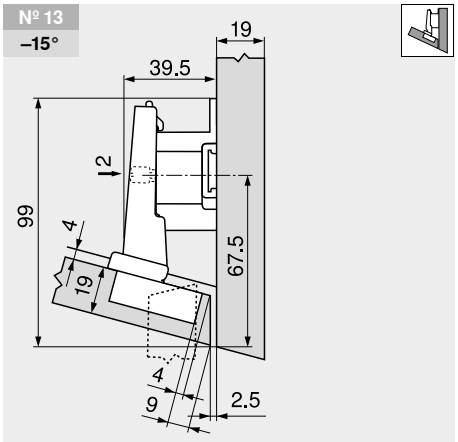

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 6 | 175H9160 |
| Angled spacer | –5° | 171A5500 |

№ 32
–20°

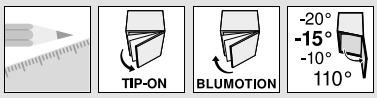



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

№ 13
–15°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |

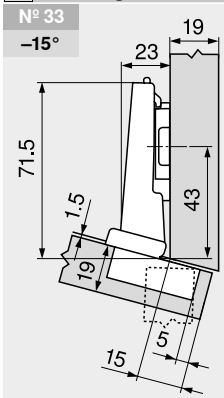



## –15° III – angled hinge full overlay

Webcode DQDWVY

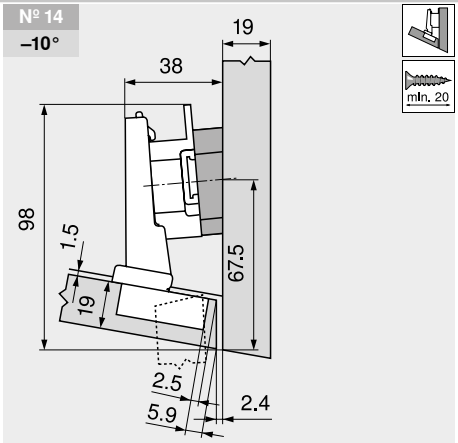
### Planning

**№ 33**
**–15°**



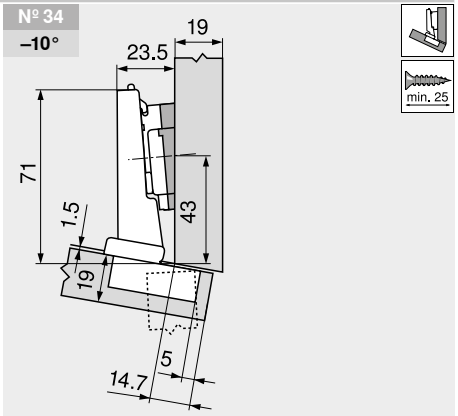

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

**№ 14**
**–10°**



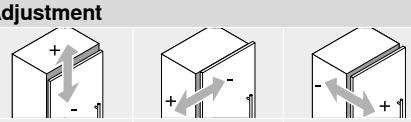

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | +5° | 171A5070 |

**№ 34**
**–10°**



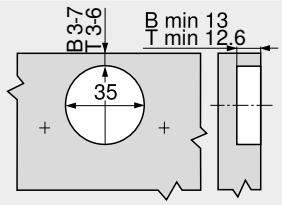

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment



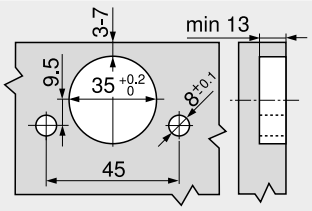
| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | ±2.0 mm |
|---|---|---|

### Screw-on

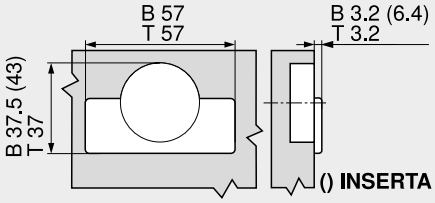



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA



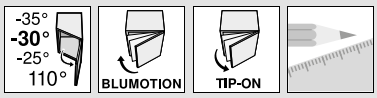

### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems






## –30° III – angled hinge full overlay



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- –30° III angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

Webcode DQDXLA

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | –35° | –30° | –25° |
| | | | Nº 11 156 |
| | | | |
| | | | |
| | Nº 29 156 | Nº 30 156 | Nº 31 157 |
| | | | |

Overview – angled applications 136

WA Angled application

### Order information

**Boss** | **INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B3491 |

● With spring ○ Unsprung NI Nickel plated

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B3451 |
| CLIP top | ○ | NI | 78A5451.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

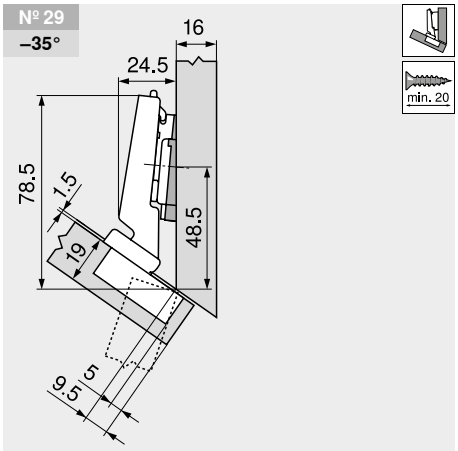

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |


## Planning

### Note

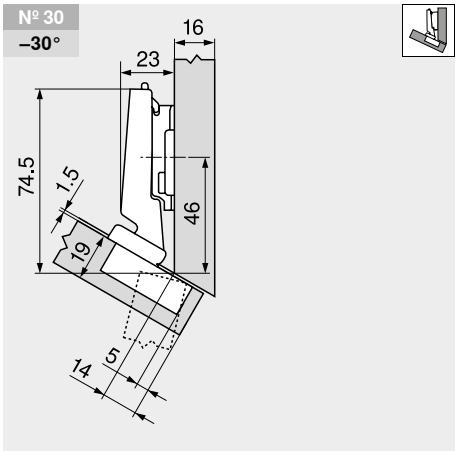
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

Nº 29 –35°



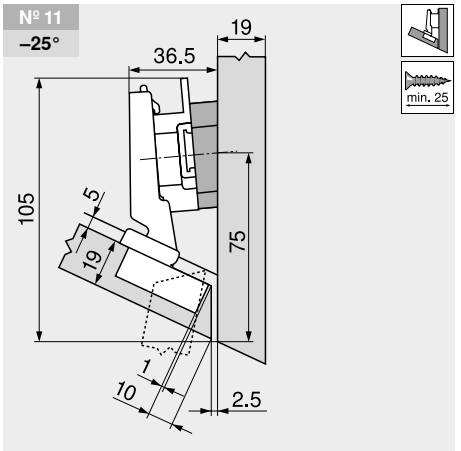

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

Nº 30 –30°

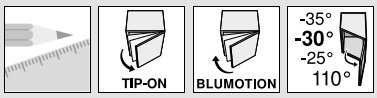



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |

Nº 11 –25°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | +5° | 171A5070 |

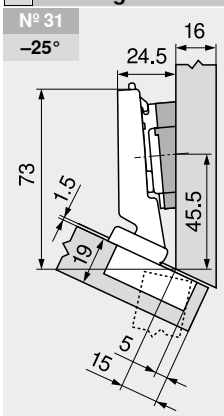


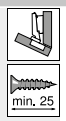

## –30° III – angled hinge full overlay

Webcode DQDXLA

### Planning

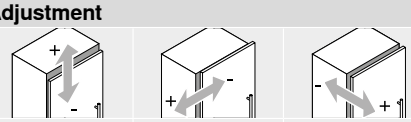
№ 31
–25°



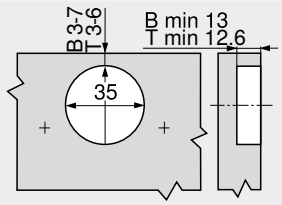

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5040 |

### Adjustment



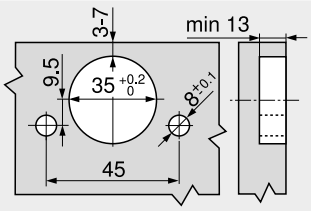
| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | ±2.0 mm |
|---|---|---|

### Screw-on

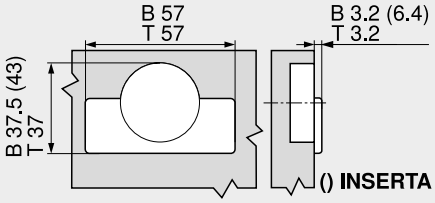



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

### INSERTA



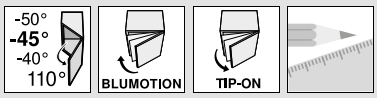

### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – standard




## –45° III – angled hinge full overlay



- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- All metal hinge
- –45° III angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With **INSERTA** tool-free hinge to door assembly

Webcode DQDYAM

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | –50° | –45° | –40° |
| | | | |
| | | | |
| | | | |
| | Nº 26 | Nº 27 | Nº 28 |
| | 158 | 158 | 158 |
| | | | |

Overview – angled applications 136
WA Angled application

## Order information

**Boss – INSERTA**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B3490 |

● With spring ○ Unsprung NI Nickel plated

**Boss – Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 79B3450 |
| CLIP top | ○ | NI | 78A5450.T |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T3504 |
| CLIP top | NI | 70T1504 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a front.

### Page instructions

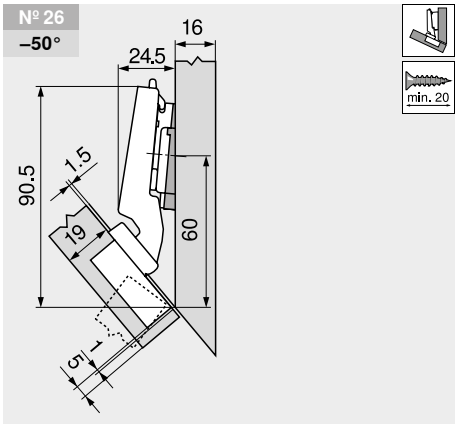

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – TIP-ON for doors | 199 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |


## Planning

### Note

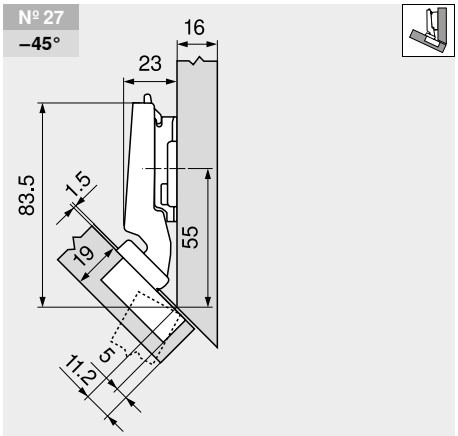
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

Nº 26 –50°



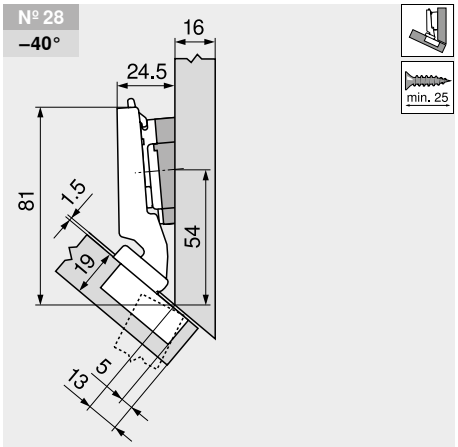

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

Nº 27 –45°

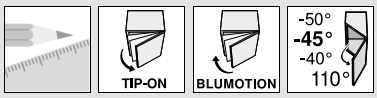



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |

Nº 28 –40°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5040 |



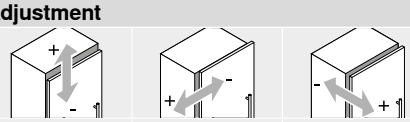



## –45° III – angled hinge full overlay

Webcode DQDYAM

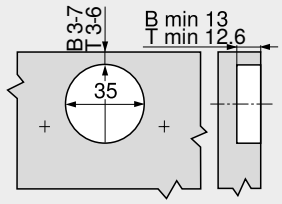
### Planning

#### Adjustment



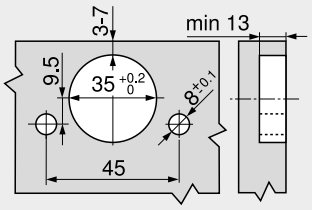
| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | ±2.0 mm |
|---|---|---|

#### Screw-on

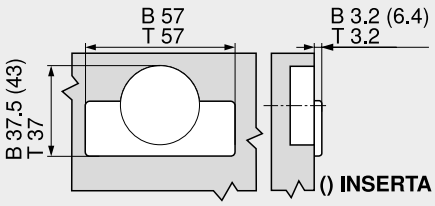



| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

#### INSERTA



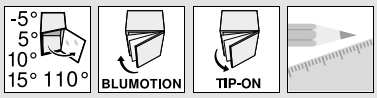

#### Hinge boss dimensions




| | |
|---|---|
| B | CLIP top BLUMOTION |
| T | CLIP top |

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – thin doors




## Hinge for thin doors – angled application



- **Thin fronts from 8–14 mm**
- **EXPANDO T fixing system** for a variety of front materials
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- 0-protrusion (for cabinets with inner pull-outs or pull-out surrounds)
- 110° opening angle
- 3-dimensional front adjustment
- Tool-free door to cabinet assembly and removal

### Page instructions

| WA | Angle –5° | WA | Angle 5° | 10° | 15° |
|---|---|---|---|---|---|
| | Nº 114 160 | | Nº 115 160 | Nº 116 161 | Nº 117 161 |
| | Nº 110 160 | | Nº 111 161 | Nº 112 161 | Nº 113 161 |

Overview – angled applications 136
WA Angled application

### Order information

**Boss** | **EXPANDO T**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B453T |
| CLIP top | ● | NI | 71T453T |
| CLIP top | ○ | NI | 70T453T.TL |

● With spring NI Nickel plated
○ Unsprung

### a Accessories

**TIP-ON for doors**

| Version | Hinge | Spring | Part no. |
|---|---|---|---|
| Short version | CLIP top | ○ | 956.1004 |
| Extended version | CLIP top | ○ | 956A1004 |
| Extended version | CLIP top | ● | 956A1006 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| CLIP top BLUMOTION | NI | 70T4504 |
| CLIP top | NI | 70T4504 |

### Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

### Page instructions

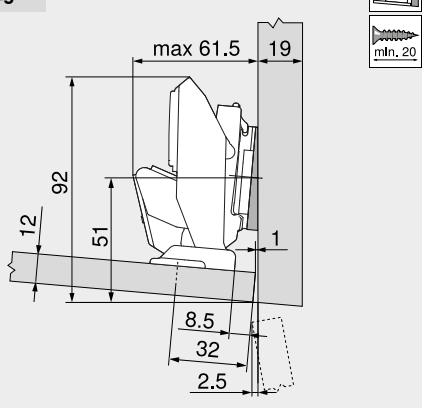
| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Fixing system for thin fronts – EXPANDO T | 588 | **Assembly, removal and adjustment** | |
| Overview – BLUMOTION for doors | 185 | Assembly recommendation and limitation of liability – EXPANDO T | 589 | Short-URL | |
| Overview – TIP-ON for doors | 199 | | | www.blum.com/a210 | |
| Mounting plates | 172 | Accessories – general | 182 | | |

## Planning

### Note

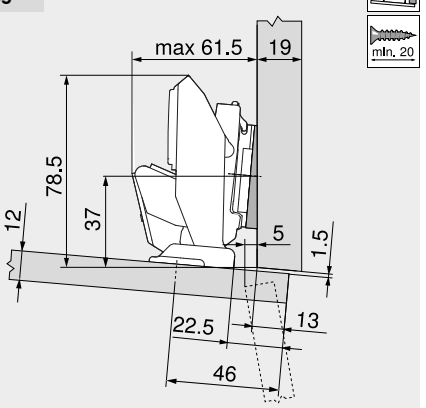
These dimensions are based on the factory setting, with a front thickness of 12 mm and a side panel thickness of 19 mm. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

**Nº 114 –5°**



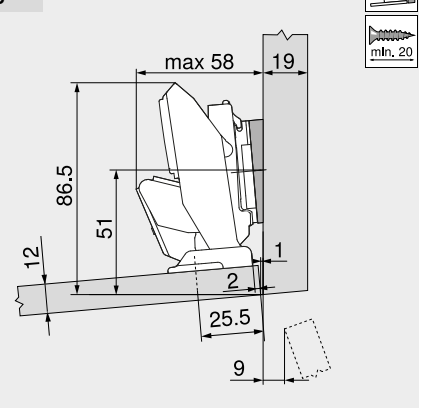

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**Nº 110 –5°**

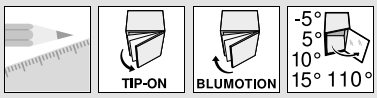



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**Nº 115 5°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

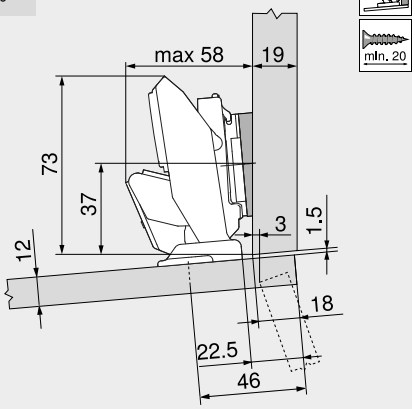





## Hinge for thin doors – angled application

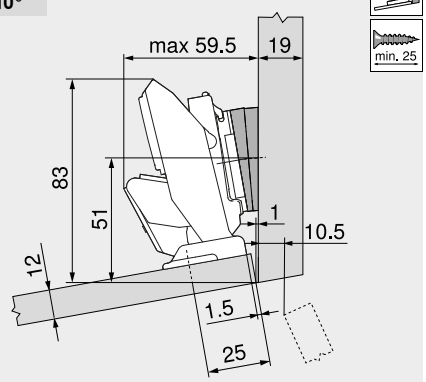
### Planning

**№ 111**
**5°**



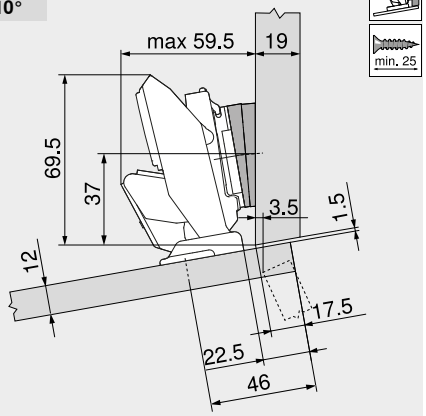

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 116**
**10°**



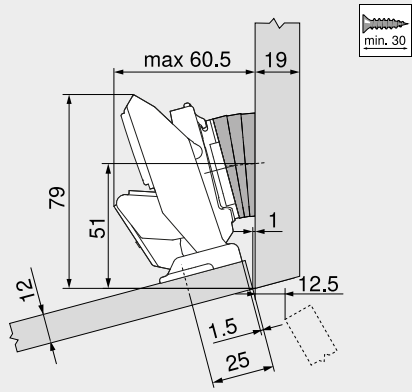

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 112**
**10°**



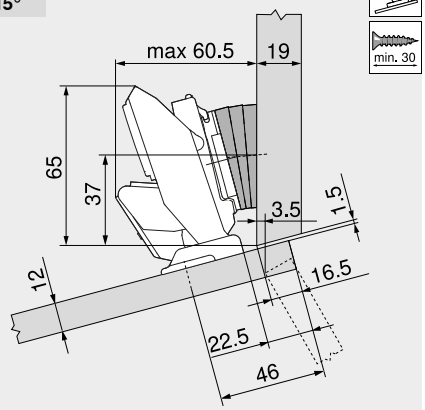

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 117**
**15°**



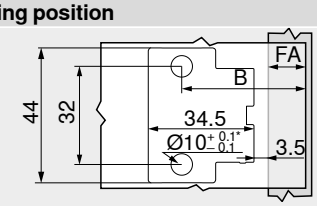

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 113**
**15°**

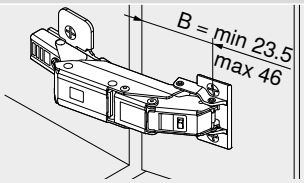



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Fixing position

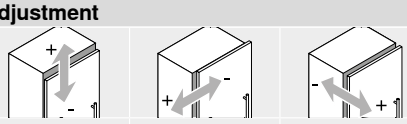



B = FA + 27 mm
B Fixing position
FA Front overlay
* Stone and ceramic +0.2/–0.1 mm




B Fixing position

### Adjustment

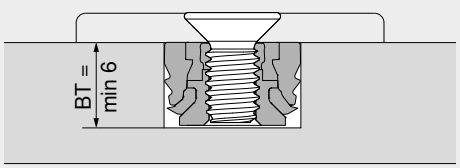



Max. ±3.0 mm
See mounting plates

±1.8 mm

±2.0 mm

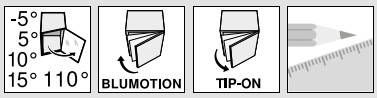
### Drilling depth | screw selection – EXPANDO T




BT Drilling depth

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – glass door




## CRISTALLO angled application



- **Hinge for glass and mirror doors**
- **Adhesion plate is glued onto glass (no glass drilling necessary)**
- **Tool-free hinge to adhesion plate assembly**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

**Page instructions**

| WA | Angle –5° | WA | Angle 5° | 10° | 15° |
|---|---|---|---|---|---|
| | Nº 106 162 | | Nº 103 162 | Nº 104 163 | Nº 105 163 |
| | | | | | |
| | Nº 107 162 | | Nº 100 163 | Nº 101 163 | Nº 102 163 |
| | | | | | |

Overview – angled applications 136
WA Angled application

### Order information

**Boss** – **CRISTALLO 110°**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI | 71B4500C |
| CLIP top | ● | NI | 71T4500C |
| CLIP top | ○ | NI | 70T4500CTL |

● With spring NI Nickel plated
○ Unsprung

**CRISTALLO adhesion plate**

**Glue-on**

| Front material | Colour | Part no. |
|---|---|---|
| Glass \| mirror | Matt-nickel plated | 70T4568C |
| Mirror | Special nickel plated | 70T4568C |

### a Accessories

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Short version | ○ | 956.1004 |
| Extended version | ○ | 956A1004 |
| Extended version | ● | 956A1006 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.4503 |
| Stamped | Blum | NI | 70.4503.BP |

### Note

A trial application is recommended when combining CLIP top BLUMOTION hinges and CLIP top hinges with springs on small, light fronts up to 300 mm wide. Combining these is not recommended for wider fronts.

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Distance | 125 | **Assembly, removal and adjustment** | |
| Overview – TIP-ON for doors | 199 | Mounting plates | 172 | | |
| Overview – BLUMOTION for doors | 185 | Accessories – hinge arm cover cap | 181 | | |
| Limitation of liability | 124 | | | | |

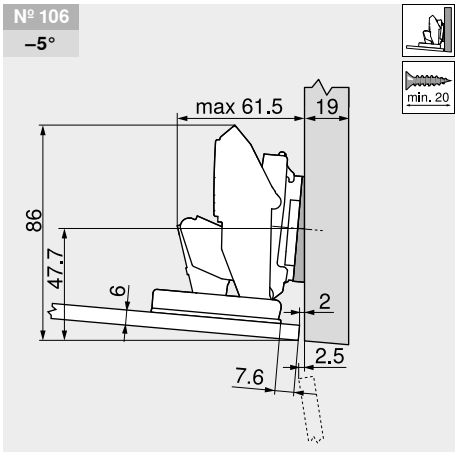

**Short-URL**
www.blum.com/a210

### Planning

**Note**

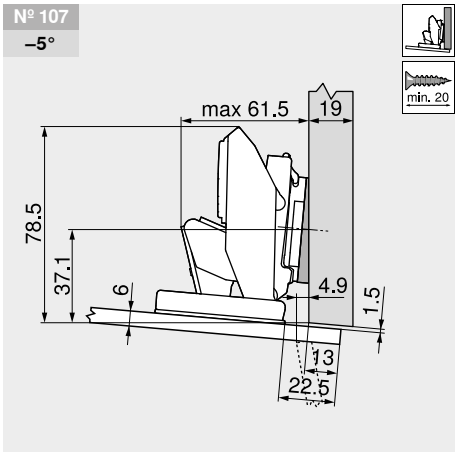
These dimensions are based on the factory setting, with a front thickness of 6 mm and a side panel thickness of 19 mm. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

**Nº 106 –5°**



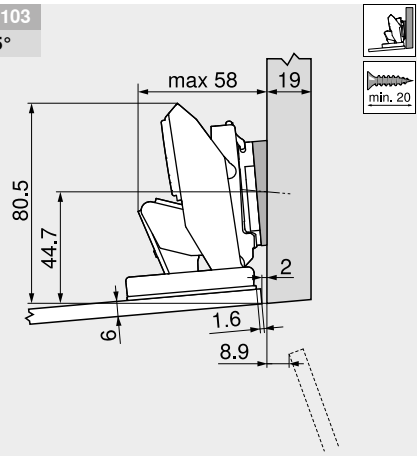

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**Nº 107 –5°**

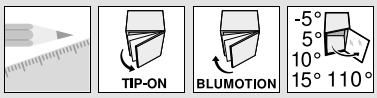



| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**Nº 103 5°**



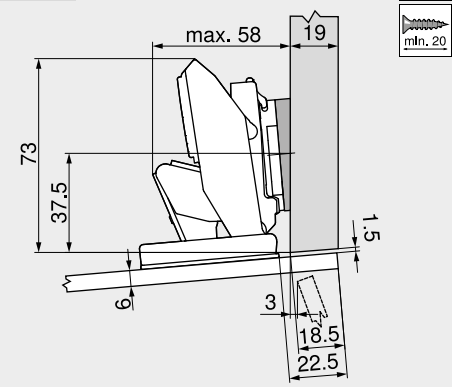

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |




## CRISTALLO angled application

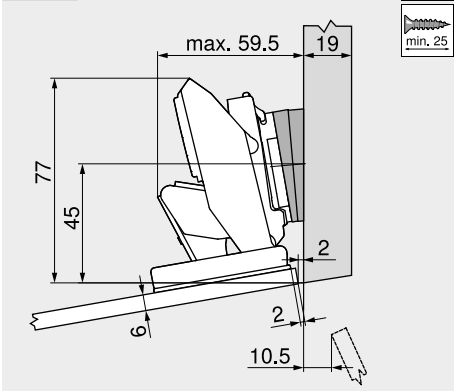
### Planning

**№ 100**
**5°**



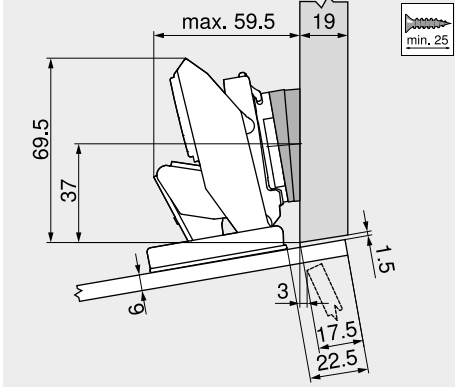

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 104**
**10°**



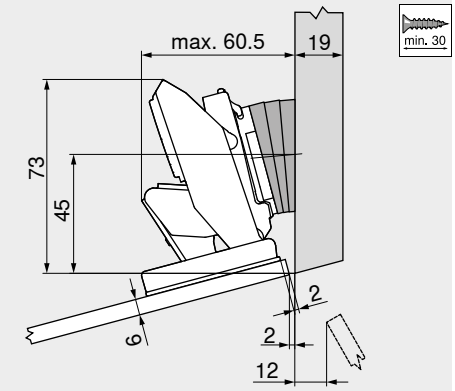

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 101**
**10°**



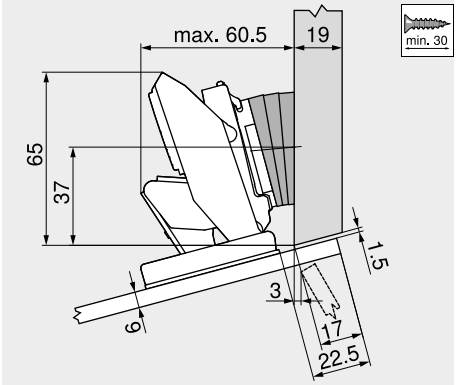

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 105**
**15°**



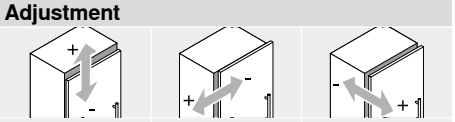

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 102**
**15°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 173H7100 |

### Adjustment



| Max. ±3.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – glass door




## +45° angled hinge for glass doors



- **Glass door hinge**
- **For glass thickness 4.5–7 mm**
- **CLIP top** with closing mechanism (spring)
- +45° angled hinge
- 94° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- Boss fixing screws are included

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 40° | 45° | 50° |
| | № 74 | № 75 | № 76 |
| | 164 | 164 | 165 |
| | | | |
| | | № 67 | № 68 |
| | | 164 | 165 |
| | | | |
| | | | |

Overview – angled applications 136
WA Angled application

### Order information

**Boss** – **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 79A4108.T |

● With spring NI Nickel plated

**a Accessories**

**BLUMOTION 970A**

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Extended version | ● | 956A1006 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Hinge boss cover cap**

| Colour | Part no. |
|---|---|
| S \| G \| CR \| NI-M | 84.4120 |

S Black G Gold plated
CR Chrome plated NI-M Matt nickel

**Hinge boss cover cap**

| Colour | Part no. |
|---|---|
| S \| G \| CR \| NI-M | 84.4140 |

### Page instructions

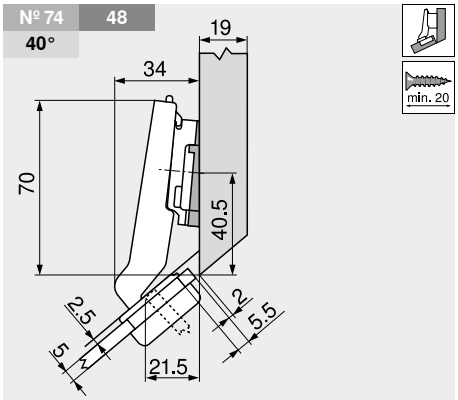

| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – BLUMOTION for doors | 185 | Assembly, removal and adjustment | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |


### Planning

**Note**

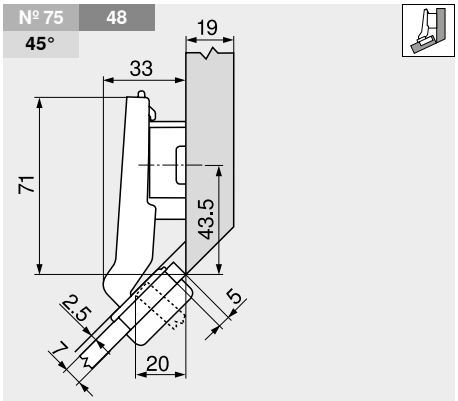
These dimensions are based on a 19 mm thick cabinet. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

№ 74 48
40°



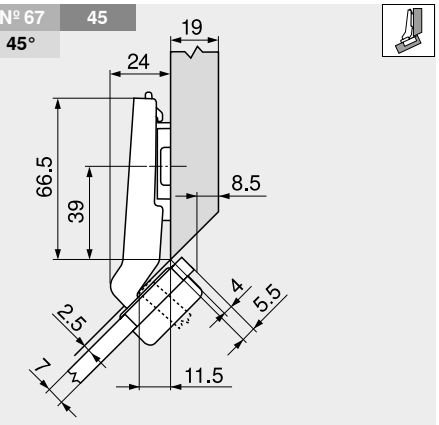

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |
| Angled spacer | –5° | 171A5500 |

№ 75 48
45°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |

№ 67 45
45°



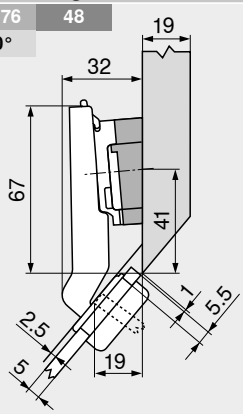

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

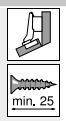



## +45° angled hinge for glass doors

### Planning

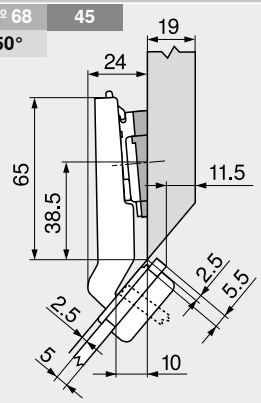
№ 76 | 48 | 50°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |
| Angled spacer | +5° | 171A5070 |

№ 68 | 45 | 50°

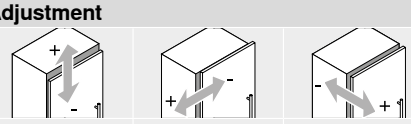






| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment

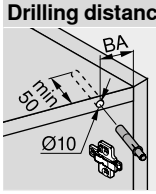



Max. ±3.0 mm
See mounting plates

±1.8 mm

±2.0 mm

### Drilling distance BA – BLUMOTION 970A1002



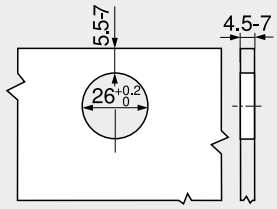

| | |
|---|---|
| № XX | Angled application |
| XX | Drilling distance BA (mm) |
| XX° | Angle of application (°) |

### Page instructions

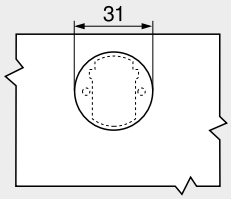
**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a220

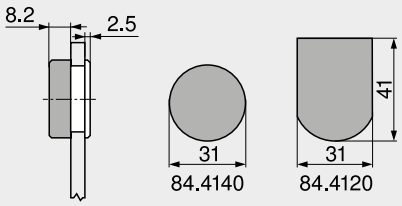
### Screw-on




### Hinge boss dimensions




### Hinge boss cover cap



# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – glass door




## ±5° angled application for glass doors



- **Glass door hinge**
- **For glass thickness 4.5–7 mm**
- **CLIP top** with closing mechanism (spring)
- 94° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- Boss fixing screws are included

### Page instructions

| WA | Angle | WA | Angle |
|---|---|---|---|
| | –5° | | 5° |
| | № 69 167 | | № 70 167 |
| | № 62 167 | | № 63 167 |

Overview – angled applications 136
WA Angled application

### Order information

#### Overlay application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 75T4100 |
| ● With spring | | NI Nickel plated | |

**a Accessories**

BLUMOTION 970A

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |

Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

#### Dual application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 75T4200 |
| ● With spring | | NI Nickel plated | |

**a Accessories**

BLUMOTION 970A

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |

Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

#### Inset application

Boss | Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 75T4300 |
| ● With spring | | NI Nickel plated | |

**a Accessories**

BLUMOTION 970A

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |

Hinge arm cover cap

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### a Accessories – general

TIP-ON for doors

| Version | Spring | Part no. |
|---|---|---|
| Extended version | ● | 956A1006 |

Hinge boss cover cap

| Colour | Part no. |
|---|---|
| S \| G \| CR \| NI-M | 84.4120 |

S Black G Gold plated
CR Chrome plated NI-M Matt nickel

Hinge boss cover cap

| Colour | Part no. |
|---|---|
| S \| G \| CR \| NI-M | 84.4140 |

### Page instructions


Overview – CLIP top BLUMOTION | CLIP top – hinges 93
Mounting plates 172
Accessories – hinge arm cover cap 181
Accessories – general 182
Overview – BLUMOTION for doors 185
Overview – assembly devices 595
More technical details 686


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a210

### Planning

**Note**

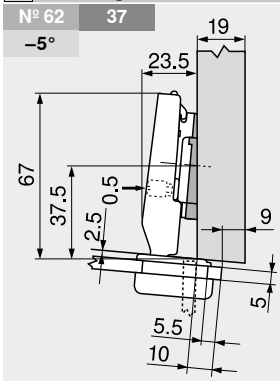
These dimensions are based on a 19 mm thick cabinet. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.




## ±5° angled application for glass doors

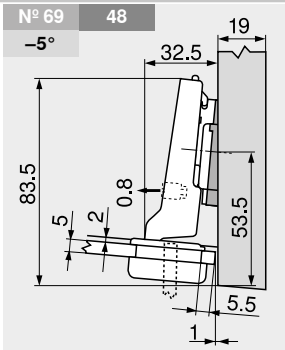
### Planning

**№ 62 | 37** | **–5°**



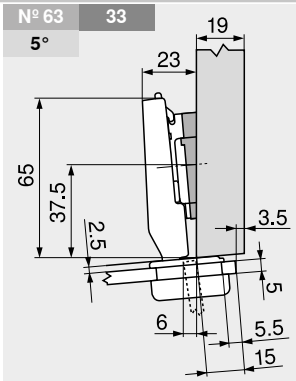

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 75T4100 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**№ 69 | 48** | **–5°**



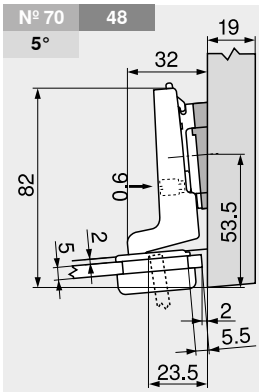

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 75T4200 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**№ 63 | 33** | **5°**



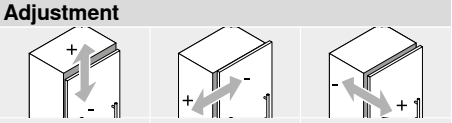

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 75T4100 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 70 | 48** | **5°**



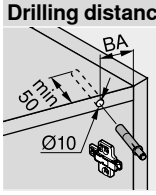

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 75T4300 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment



| Max. ±3.0 mm<br>See mounting plates | +0.5 mm<br>–3.5 mm | ±2.0 mm |
|---|---|---|

### Drilling distance BA – BLUMOTION 970A1002



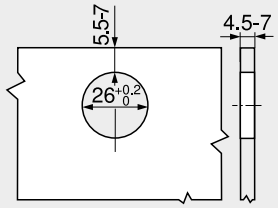

| | |
|---|---|
| № XX | Angled application |
| XX | Drilling distance BA (mm) |
| XX° | Angle of application (°) |

### Page instructions

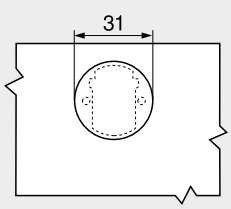
**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a220

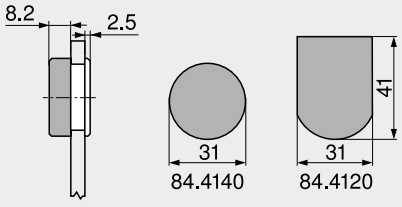
### Screw-on




### Hinge boss dimensions




### Hinge boss cover cap



# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – frame door




## +45° angled hinge with mini boss



- **Hinge for small doors and doors with narrow frames**
- **CLIP top** with closing mechanism (spring)
- All metal hinge
- +45° angled hinge
- 94° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

### Page instructions

| WA | Angle | | |
|---|---|---|---|
| | 40° | 45° | 50° |
| | № 97 | № 98 | № 99 |
| | 168 | 168 | 169 |
| | № 89 | № 90 | № 91 |
| | 168 | 169 | 169 |
| | | № 82 | № 83 |
| | | 169 | 169 |
| | | | |
| | | | |

Overview – angled applications 136
WA Angled application

### Order information

Boss – Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 79A0558.T |

● With spring NI Nickel plated

### a Accessories

**BLUMOTION 970A**

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Extended version | ● | 956A1006 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Page instructions

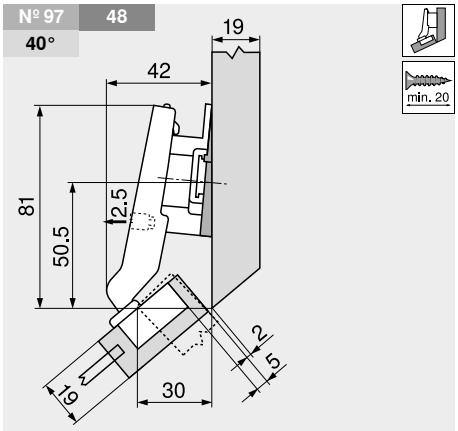
| | | | | | |
|---|---|---|---|---|---|
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 | Overview – BLUMOTION for doors | 185 | **Assembly, removal and adjustment** | |
| Mounting plates | 172 | Overview – assembly devices | 595 | | |
| Accessories – hinge arm cover cap | 181 | More technical details | 686 | Short-URL | |
| Accessories – general | 182 | | | www.blum.com/a210 | |

### Planning

**Note**

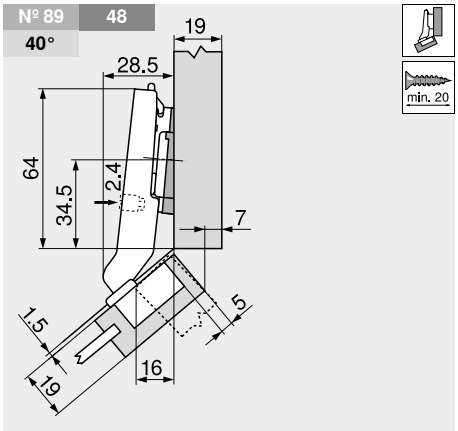
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

№ 97 | 48 | 40°



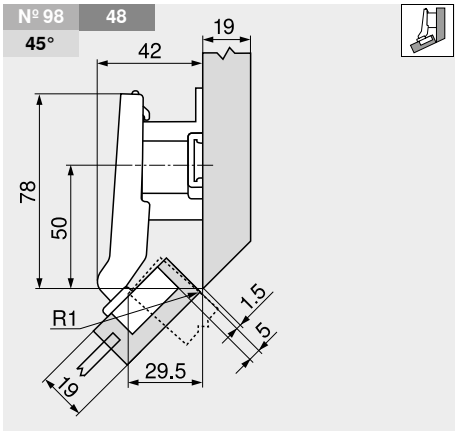

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 9 | 175H7190 |
| Angled spacer | –5° | 171A5500 |

№ 89 | 48 | 40°




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

№ 98 | 48 | 45°



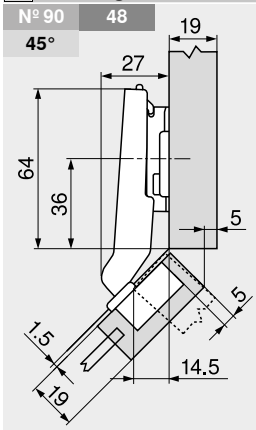

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |




## +45° angled hinge with mini boss

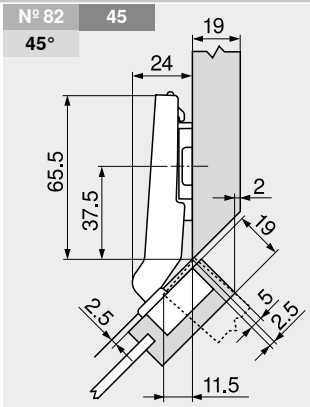
### Planning

**№ 90 | 48**
**45°**



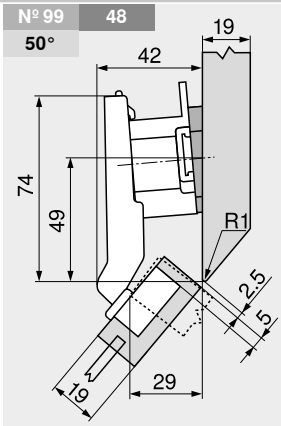

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |

**№ 82 | 45**
**45°**



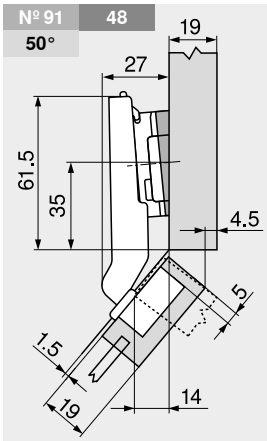

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |

**№ 99 | 48**
**50°**



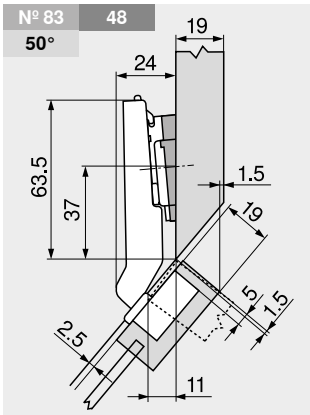

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 18 | 175H7190.22 |
| Angled spacer | +5° | 171A5010 |

**№ 91 | 48**
**50°**



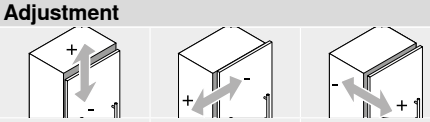

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 3 | 173H7130 |
| Angled spacer | +5° | 171A5010 |

**№ 83 | 48**
**50°**




| Description | Spacing (mm) | Part no. |
|---|---|---|
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

### Adjustment

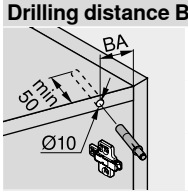


Max. ±3.0 mm
See mounting plates

±1.8 mm

±2.0 mm

### Drilling distance BA – BLUMOTION 970A1002



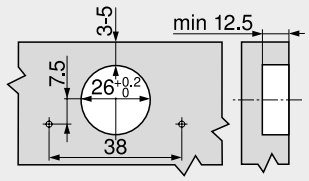

| | |
|---|---|
| № XX | Angled application |
| XX | Drilling distance BA (mm) |
| XX° | Angle of application (°) |

### Page instructions

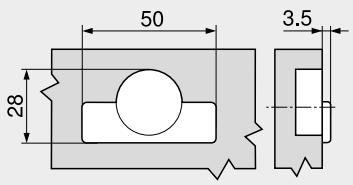
**Assembly, removal and adjustment**

Short-URL
www.blum.com/a220

### Screw-on




### Hinge boss dimensions



# Hinge systems

► CLIP top BLUMOTION | CLIP top – hinges
►► Angled application – frame door




## ±5° angled application with mini boss



- **Hinge for small doors and doors with narrow frames**
- **CLIP top** with closing mechanism (spring)
- All metal hinge
- 94° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

**Page instructions**

| WA | Angle | WA | Angle |
|---|---|---|---|
| | –5° | | 5° |
| | Nº 92 171 | | Nº 93 171 |
| | Nº 84 171 | | Nº 85 171 |
| | Nº 77 171 | | Nº 78 171 |

Overview – angled applications 136
WA Angled application

### Order information

**Overlay application**

Boss / Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T0550 |

● With spring NI Nickel plated

**Dual application**

Boss / Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T0650 |

● With spring NI Nickel plated

**Inset application**

Boss / Screw-on

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top | ● | NI | 71T0750 |

● With spring NI Nickel plated

### a Accessories

**BLUMOTION 970A**

| Version | Part no. |
|---|---|
| For drilling | 970A1002 |

**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 70.1553 |
| Screen print | Blum | NI | 70.1553.BL |

### a Accessories – general

**TIP-ON for doors**

| Version | Spring | Part no. |
|---|---|---|
| Extended version | ● | 956A1006 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

### Page instructions


Overview – CLIP top BLUMOTION | CLIP top – hinges 93
Mounting plates 172
Accessories – hinge arm cover cap 181
Accessories – general 182
Overview – BLUMOTION for doors 185
Overview – assembly devices 595
More technical details 686


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a210

### Planning

**Note**

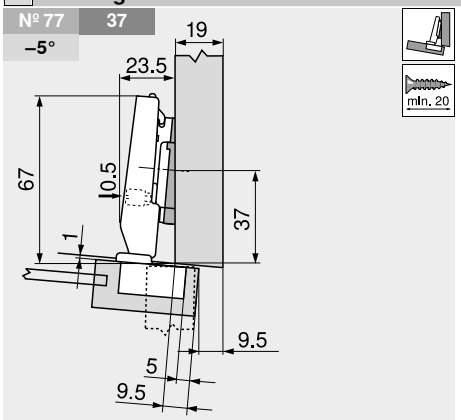
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.




## ±5° angled application with mini boss

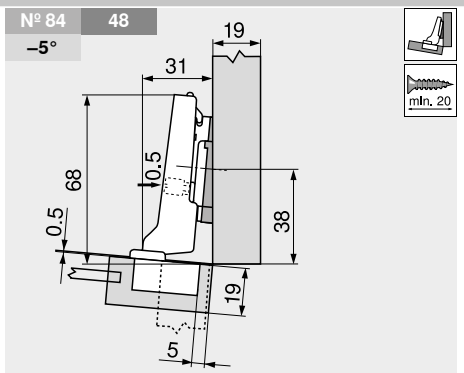
### Planning

**№ 77 | 37 | –5°**



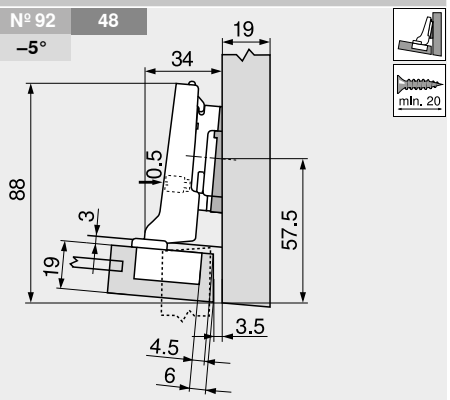

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 71T0550 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**№ 84 | 48 | –5°**



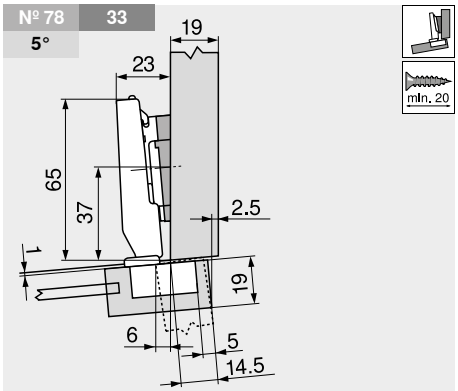

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 71T0650 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | –5° | 171A5500 |

**№ 92 | 48 | –5°**



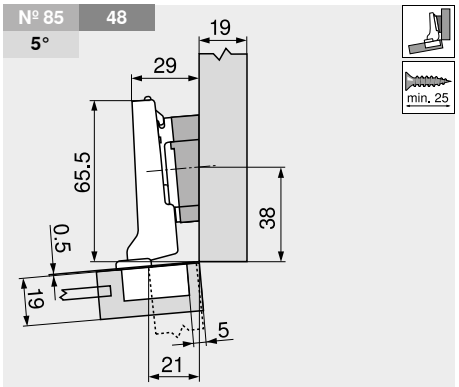

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 71T0650 |
| Mounting plate | 3 | 173H7130 |
| Angled spacer | –5° | 171A5500 |

**№ 78 | 33 | 5°**



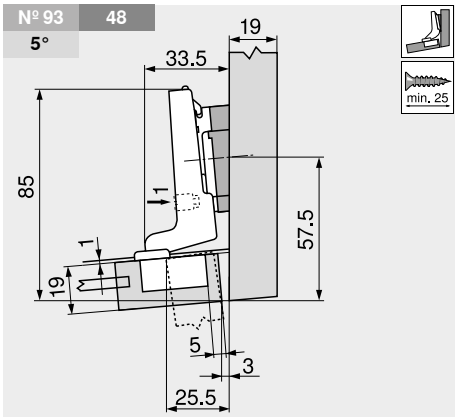

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 71T0550 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5010 |

**№ 85 | 48 | 5°**



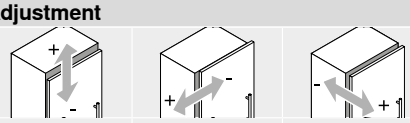

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 71T0650 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5070 |

**№ 93 | 48 | 5°**



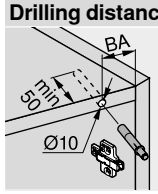

| Description | Spacing (mm) | Part no. |
|---|---|---|
| Hinge | – | 71T0750 |
| Mounting plate | 0 | 173H7100 |
| Angled spacer | +5° | 171A5040 |

### Adjustment




| Max. ±3.0 mm<br>See mounting plates | +0.5 mm<br>–3.5 mm | +3.0 mm<br>–1.0 mm |
|---|---|---|

### Drilling distance BA – BLUMOTION 970A1002



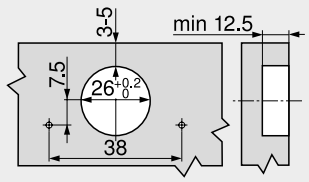

| | |
|---|---|
| № XX | Angled application |
| XX | Drilling distance BA (mm) |
| XX° | Angle of application (°) |

### Page instructions

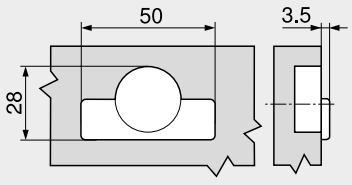
**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a220

### Screw-on




### Hinge boss dimensions



# Hinge systems

## ► CLIP top BLUMOTION | CLIP top – hinges

## ►► Mounting plates



| Description | | Material | Adjustment | Height | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **►► Mounting plates** | | | | | | | | | | | |
| Horizontal cam mounting plate | 20/32 | Steel | Cam | ±2 mm | 172 | | 172 | 173 | 173 | |
| Horizontal cam mounting plate for dual application | 20/32 | Steel | Cam | ±2 mm | | | | 173 | | |
| INSERTA cruciform mounting plate | 37/32 | Steel | Cam | ±2 mm | | 174 | | | | |
| Cruciform cam mounting plate | 37/32 | Steel | Cam | ±2 mm | 174 | | 174 | | | |
| Cruciform cam mounting plate for dual application | 37/32 | Steel | Cam | ±2 mm | | | 174 | | | |
| Cruciform mounting plate | 37/32 | Zinc | Screws (two-part) | ±2 mm | 175 | | | 175 | | |
| Cruciform mounting plate | 37/32 | Steel | Elongated hole | ±2 mm | | | 175 | | | |
| Cruciform mounting plate | 37/32 | Steel | Elongated hole | ±3 mm | 175 | | | 175 | | 176 |
| Cruciform mounting plate for dual application | 37/32 | Steel | Elongated hole | ±3 mm | | | | 176 | | |
| Cruciform mounting plate | 28/32 | Steel | Elongated hole | ±3 mm | | | | 176 | | |
| Cruciform mounting plate | 37/32 | Zinc | Elongated hole | ±3 mm | | | | 177 | | |
| **►► Angled spacers** | | | | | | | | | | |
| +5° obtuse angled spacer | 37/32 | Zinc | | | 178 | | | | | |
| –5° acute angled spacer | 37/32 | Zinc | | | 178 | | | | | |

### Pictograph

- Item Available Upon Request
- Accessories
- General Information
- Horizontal mounting plate
- Cruciform mounting plate
- Angled spacers
- Chipboard screw fixing
- INSERTA fixing
- EXPANDO fixing
- System screw fixing
- Knock-in dowel fixing – assembly only with the insertion ram
- Knock-in dowel fixing

## Horizontal cam mounting plate 20/32



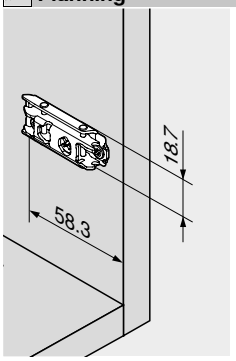
- Fixing with chipboard screws Ø 3.5 mm
- With cam height adjustment ±2 mm
- Recommended screw length 17 mm
- Material: steel

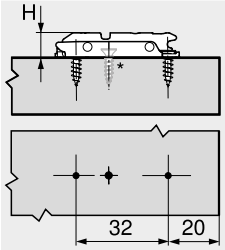
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI \| ONS | 175H3100 |
| 3 | 11.5 | NI \| ONS | 175H3130 |

NI Nickel plated
ONS Onyx black

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Horizontal cam mounting plate 20/32



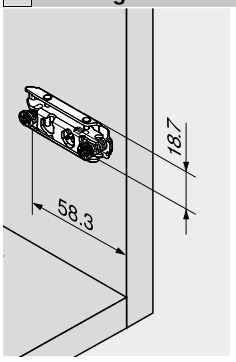
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ±2 mm
- Material: steel

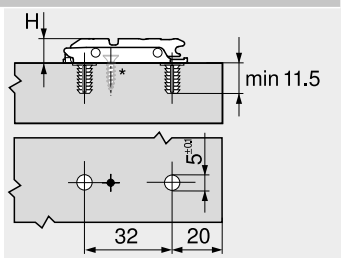
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 177H3100E |
| 3 | 11.5 | NI | 177H3130E |

NI Nickel plated

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Horizontal cam mounting plate 20/32



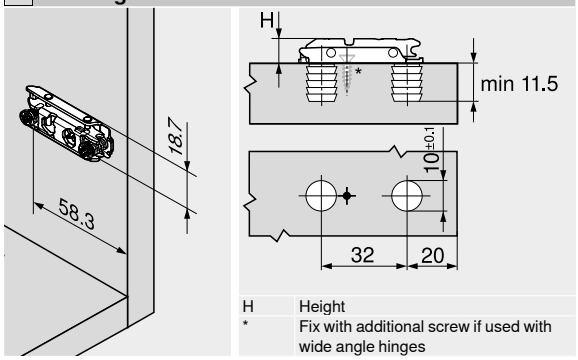
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ±2 mm
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | ☎ 177H3100E10 |
| 3 | 11.5 | NI | ☎ 177H3130E10 |

NI Nickel plated

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Horizontal cam mounting plate 20/32



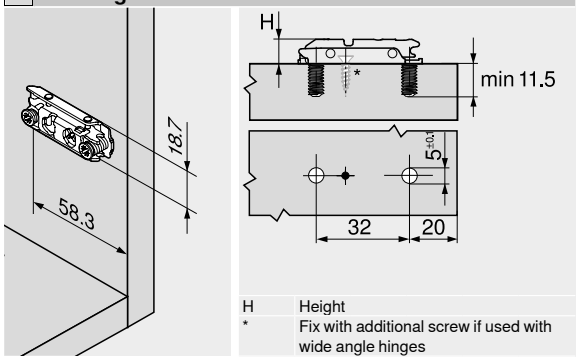
- Assembly using pre-mounted system screws Ø 6 x 12.9 mm (66B.129)
- With cam height adjustment ±2 mm
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 175H4100 |
| 3 | 11.5 | NI | 175H4130 |

NI Nickel plated

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Horizontal cam mounting plate for dual application 20/32



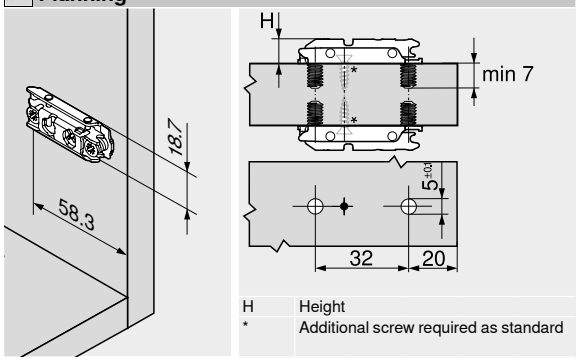
- Assembly using pre-mounted system screws Ø 6 x 8.9 mm (66B.089)
- With cam height adjustment ±2 mm
- For twin application
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 175H410Z |

NI Nickel plated

### Planning




H Height
* Additional screw required as standard

## Horizontal cam mounting plate 20/32



- Knock-in assembly with pre-fixed dowels
- Assembly with knock-in insertion ram or knock-in tool with pressure directly on the screw
- With cam height adjustment ±2 mm
- Material: steel

### Order information

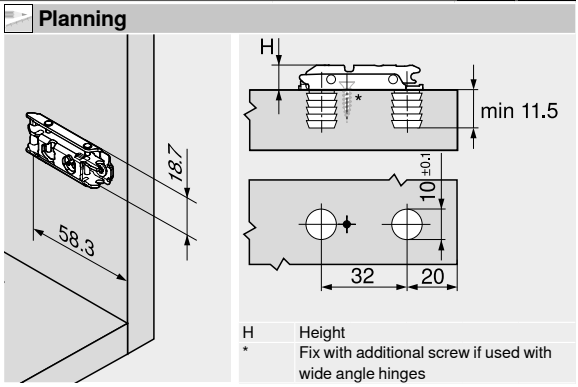
| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI \| ONS | 177H3100 |
| 3 | 11.5 | NI \| ONS | 177H3130 |

NI Nickel plated
ONS Onyx black

### Accessories

| | Description | Part no. |
|---|---|---|
|  | Insertion ram | MZM.0053 |

### Planning




H Height
* Fix with additional screw if used with wide angle hinges



## Cruciform cam mounting plate 37/32



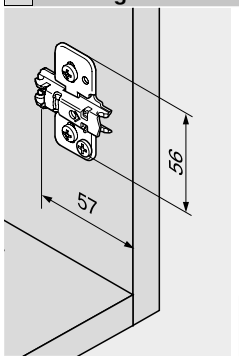
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- With cam height adjustment ±2 mm
- Material: steel

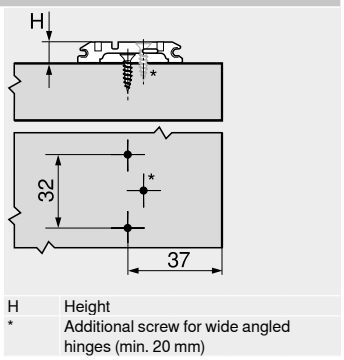
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 173H7100 |
| 3 | 11.5 | NI | 173H7130 |

NI Nickel plated

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)

## INSERTA cruciform mounting plate 37/32



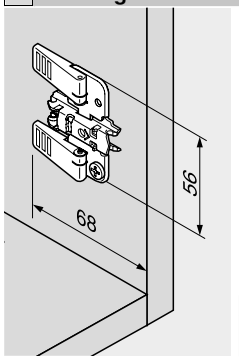
- Tool-free assembly
- With "self anchoring" feature
- With cam height adjustment ±2 mm
- Material: steel, closing lever, zinc die-cast

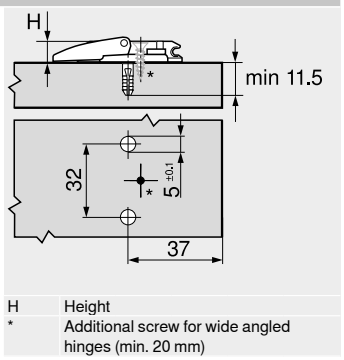
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 174H7100I |
| 3 | 11.5 | NI | 174H7130I |

NI Nickel plated

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)

## Cruciform cam mounting plate 37/32



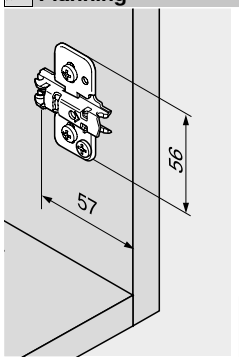
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ±2 mm
- Material: steel

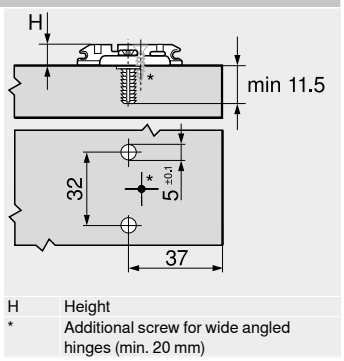
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI \| ONS | 174H7100E |
| 3 | 11.5 | NI \| ONS | 174H7130E |

NI Nickel plated
ONS Onyx black

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)

## Cruciform cam mounting plate for dual application 37/32



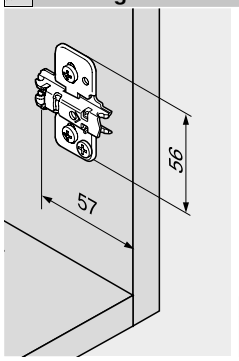
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ±2 mm
- For twin application
- Material: steel

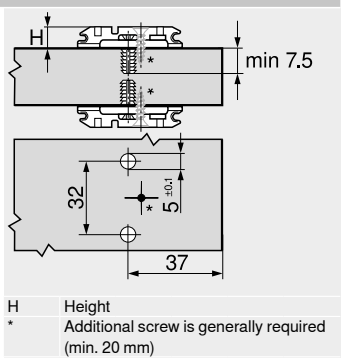
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 174H710ZE |
| 3 | 11.5 | NI | 174H713ZE |

NI Nickel plated

### Planning




H Height
* Additional screw is generally required (min. 20 mm)



## Cruciform mounting plate 37/32



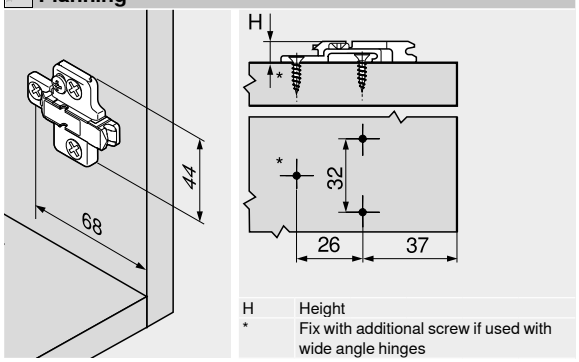
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- With height adjustment ±2 mm
- Recommended screw length 17 mm
- Material: zinc

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 175H7100 |
| 3 | 11.5 | NI | 175H7130 |
| 9 | 17.5 | NI | 175H7190 |
| 18 | 26.5 | NI | 175H7190.22 |

NI Nickel plated

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Cruciform mounting plate 37/32



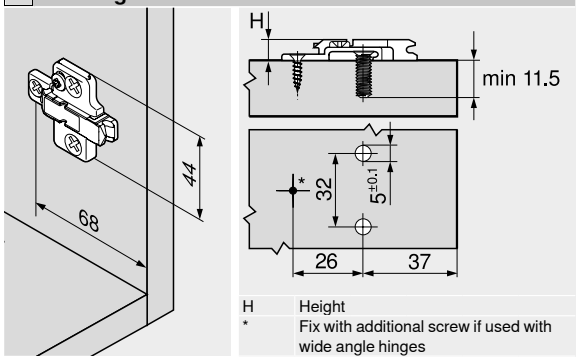
- Fixing with system screws Ø 6 x 14.5 mm (661.1450)
- With height adjustment ±2 mm
- Material: zinc

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 175H9100 |
| 3 | 11.5 | NI | 175H9130 |
| 6 | 14.5 | NI \| ONS | 175H9160 |
| 9 | 17.5 | NI | 175H9190 |
| 18 | 26.5 | NI | 175H9190.22 |

NI Nickel plated
ONS Onyx black

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Cruciform mounting plate 37/32



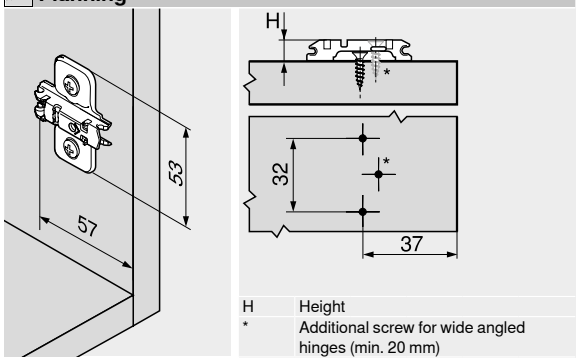
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- With height adjustment ±3 mm
- Recommended screw length 17 mm
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 173L6100 |
| 3 | 11.5 | NI | 173L6130 |

NI Nickel plated

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)

## Cruciform mounting plate 37/32



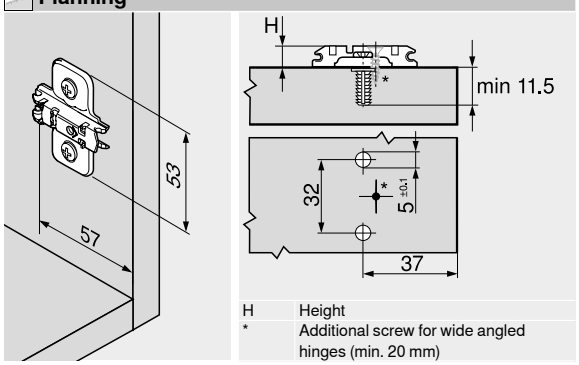
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With height adjustment ±2 mm
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 174E6100.01 |
| 3 | 11.5 | NI | 174E6130.01 |

NI Nickel plated

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)



## Cruciform mounting plate 37/32



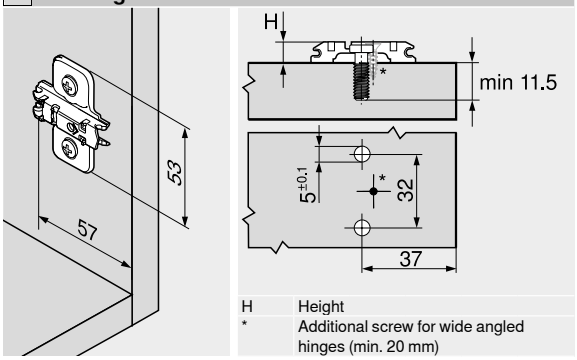
- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 173L8100 |
| 3 | 11.5 | NI | 173L8130 |

NI Nickel plated

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)

## Cruciform mounting plate for dual application 37/32



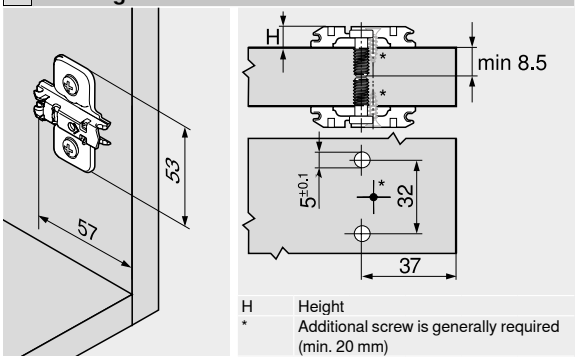
- Fixing with pre-mounted special system screws, Ø 6 mm (668.1150)
- With height adjustment ±3 mm
- For twin application
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 173L8100.21 |

NI Nickel plated

### Planning




H Height
* Additional screw is generally required (min. 20 mm)

## Cruciform mounting plate 37/32



- Knock-in assembly with pre-fixed dowels
- With height adjustment ±3 mm
- Material: steel

### Order information

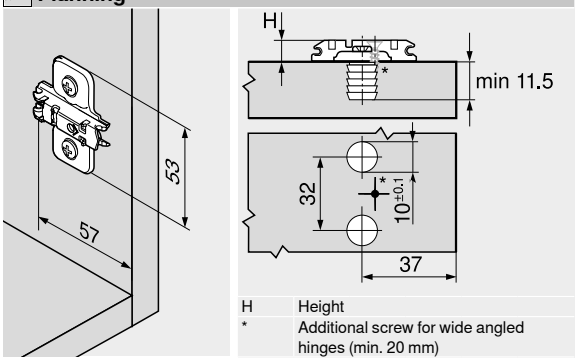
| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 174L6100.05 |
| 3 | 11.5 | NI | 174L6130.05 |

NI Nickel plated

### a Accessories

| | Description | Part no. |
|---|---|---|
|  | Insertion ram | MZM.0061.01 |

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)

## Cruciform mounting plate 28/32



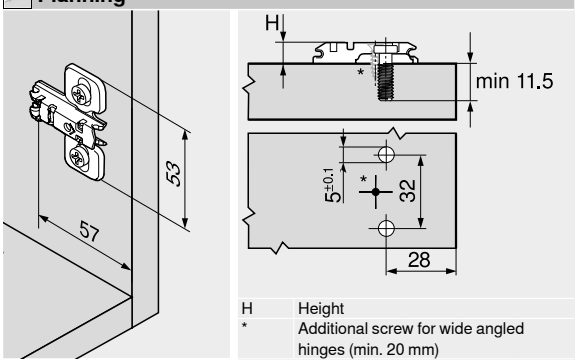
- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- Material: steel

### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 173L8300 |
| 3 | 11.5 | NI | 173L8330 |

NI Nickel plated

### Planning




H Height
* Additional screw for wide angled hinges (min. 20 mm)



## Cruciform mounting plate 37/32



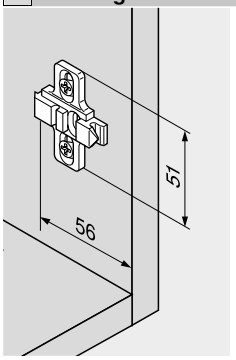
- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- Material: zinc

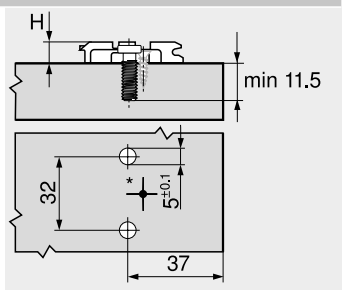
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.5 | NI | 175L8100 |
| 3 | 11.5 | NI | 175L8130 |
| 9 | 17.5 | NI | 175L8190 |
| 11 | 19.5 | NI | 175L8190.21 |

NI Nickel plated

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

# Hinge systems



## +5° obtuse angled spacer 37/32



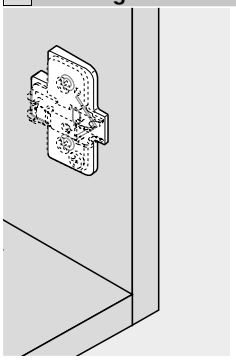
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Material: zinc
- Suitable for mounting plates: 173H71X0 | 175H71X0 | 175H91X0

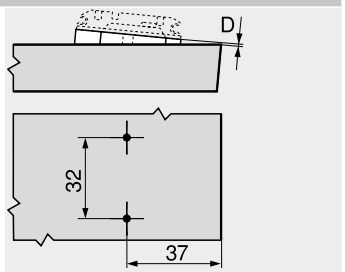
### Order information

| Spacing (mm) | Colour | Part no. |
|---|---|---|
| 0.8 | NI | 171A5010 |
| 3 | NI | 171A5040 |
| 6 | NI | 171A5070 |

NI Nickel plated

### Planning






D Spacing

## –5° acute angled spacer 37/32



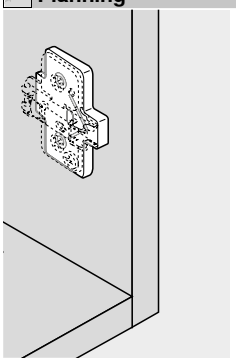
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Material: zinc
- Suitable for mounting plates: 173H71X0 | 175H71X0 | 175H91X0

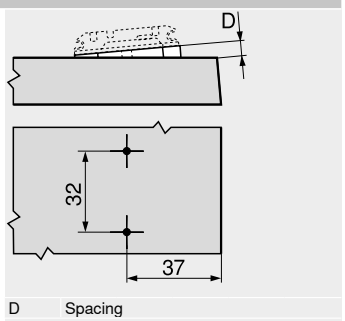
### Order information

| Spacing (mm) | Colour | Part no. |
|---|---|---|
| 6 | NI | 171A5500 |

NI Nickel plated

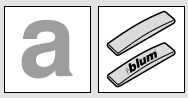
### Planning






D Spacing

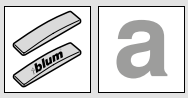




## Hinge arm cover cap

| Hinge applications | | Straight hinge arm | | Cranked hinge arm<br>Double cranked arm | |
|---|---|---|---|---|---|
| 110° hinge<br>107° hinge | |  |  |  |  |
| | **Material** | Steel | Steel | Steel | Steel |
| | **Colour** | NI \| ONS | NI \| ONS | NI \| ONS | NI |
| | **Print \| Stamp** | Plain | Stamped | Plain | Stamped |
| | **Logo** | – | Blum | – | Blum |
| | **Part no.** | 70.1503 | 70.1503.BP | 70.1663 | 70.1663.BP |
| 110° special hinge<br>Blind corner hinge inset application<br>Blind corner hinge overlay application<br>Corner cabinet bi-fold hinge<br>+45° II – angled hinge overlay | |  |  | | |
| | **Material** | Steel | Steel | | |
| | **Colour** | NI \| ONS | NI \| ONS | | |
| | **Print \| Stamp** | Plain | Stamped | | |
| | **Logo** | – | Blum | | |
| | **Part no.** | 70.1503 | 70.1503.BP | | |
| CLIP 100° hinge | |  |  |  |  |
| | **Material** | Steel | Steel | Steel | Steel |
| | **Colour** | NI | NI | NI | NI |
| | **Print \| Stamp** | Plain | Stamped | Plain | Stamped |
| | **Logo** | – | Blum | – | Blum |
| | **Part no.** | 90M2503 | 90M2503.BP | 94M3603 | 94M3603.BP |
| 155° hinge<br>125° hinge<br>Hinge for thin doors<br>CRISTALLO hinge<br>Hinge for thin doors – angled application<br>CRISTALLO angled application | |  |  |  |  |
| | **Material** | Steel | Steel | Steel | Steel |
| | **Colour** | NI \| ONS | NI | NI \| ONS | NI |
| | **Print \| Stamp** | Plain | Stamped | Plain | Stamped |
| | **Logo** | – | Blum | – | Blum |
| | **Part no.** | 70.4503 | 70.4503.BP | 70.4503 | 70.4503.BP |
| 170° hinge | |  |  |  |  |
| | **Material** | Steel | Steel | Steel | Steel |
| | **Colour** | NI | NI | NI | NI |
| | **Print \| Stamp** | Plain | Stamped | Plain | Stamped |
| | **Logo** | – | Blum | – | Blum |
| | **Part no.** | 80.6507 | 80.6507.BP | 80.6507 | 80.6507.BP |
| Profile/thick door hinge<br>95° aluminium frame door hinge<br>Incl. ±5° angled application | |  |  |  |  |
| | **Material** | Steel | Steel | Steel | Steel |
| | **Colour** | NI \| ONS | NI | NI \| ONS | NI |
| | **Print \| Stamp** | Plain | Screen print | Plain | Stamped |
| | **Logo** | – | Blum | – | Blum |
| | **Part no.** | 70.1553 | 70.1553.BL | 70.1663 | 70.1663.BP |

Cover caps: can be individually printed – minimum order quantity 1000 items
NI Nickel plated
ONS Onyx black



## Hinge arm cover cap

| Hinge applications | | Straight hinge arm | | Cranked hinge arm<br>Double cranked arm | |
|---|---|---|---|---|---|
| Glass door hinge<br>Mini-hinge<br>Incl. ±5° angled application | |  |  |  |  |
| | **Material** | Steel | Steel | Steel | Steel |
| | **Colour** | NI | NI | NI | NI |
| | **Print \| Stamp** | Plain | Screen print | Plain | Screen print |
| | **Logo** | – | Blum | – | Blum |
| | **Part no.** | 70.1553 | 70.1553.BL | 70.1553 | 70.1553.BL |
| Remaining angled hinges<br>Remaining angled applications | |  |  | | |
| | **Material** | Steel | Steel | | |
| | **Colour** | NI \| ONS | NI | | |
| | **Print \| Stamp** | Plain | Screen print | | |
| | **Logo** | – | Blum | | |
| | **Part no.** | 70.1553 | 70.1553.BL | | |

Cover caps: can be individually printed – minimum order quantity 1000 items

NI Nickel plated
ONS Onyx black

## Hinge boss cover cap



- Boss cover cap for screw-on/knock-in boss
- Tool-free assembly
- Suitable for the following hinges:
  7X**T3**XXX | 7X**B3**XXX | 7X**B9**XXX | 75**B1**XXX
- Material: steel

**Order information**

| Description | Colour | Part no. |
|---|---|---|
| Hinge boss cover cap | NI \| ONS | 70T3504 |

NI Nickel plated
ONS Onyx black

## Hinge boss cover cap



- Boss cover cap for screw-on/knock-in boss
- Tool-free assembly
- Suitable for the following hinges:
  7X**T1**XXX | 7X**T5**XXX | 7X**T9**XXX | 7X**A5**XXX | 7X**A9**XXX
- Material: steel

**Order information**

| Description | Colour | Part no. |
|---|---|---|
| Hinge boss cover cap | NI \| ONS | 70T1504 |

## Hinge boss cover cap

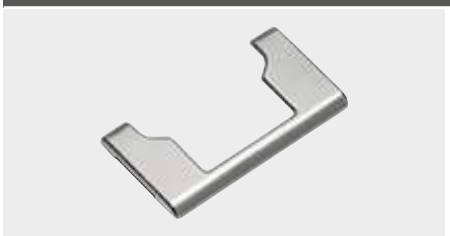


- Boss cover cap for screw-on/knock-in boss
- Tool-free assembly
- Suitable for the following hinges:
  7X**T7**XXX | 7X**B7**XXX
- Material: steel

**Order information**

| Description | Colour | Part no. |
|---|---|---|
| Hinge boss cover cap | NI \| ONS | 70T7504 |

## Hinge boss cover cap



- Boss cover cap for screw-on/knock-in boss
- Tool-free assembly
- Suitable for the following hinges:
  7X**T4**XXX | 7X**B4**XXX
- Material: steel

**Order information**

| Description | Colour | Part no. |
|---|---|---|
| Hinge boss cover cap | NI \| ONS | 70T4504 |

## Hinge boss spacing

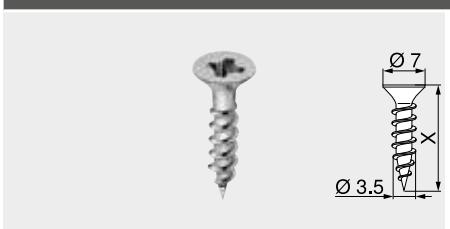


- Boss cover cap spacing for screw-on boss
- Thickness 1.5 mm
- Suitable for the following hinges:
  7X**B3**X**5**X | 71**B9**X**5**X | 7X**T3**X**5**X | 75**B1**XXX
- Material: nylon
- Upon request: CLIP top BLUMOTION blind corner and wide angled hinges

**Order information**

| Description | Part no. |
|---|---|
| Hinge boss spacing | 70T3507.21 |

## Chipboard screws — Ø 3.5 mm

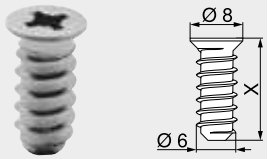



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

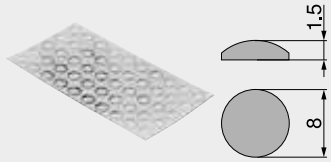


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver



- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## Closing doors – silent and effortless




With BLUMOTION, the adaptive dampening system, furniture closes silently and effortlessly, and this is irrespective of the force used or the weight of the door. Whether in the kitchen, hall, bathroom, living room or bedroom – with intelligent BLUMOTION technology, every door moves elegantly and ensures ultimate quality of motion..

- Versions available for nearly all overlay applications
- Versions available for nearly all overlay applications
- Can be installed at any time during the production and sales process
- Its integrated overload safety feature protects the system from damage due to improper use

## The adaptive system – controlling perfect motion



Exceptional comfort through a highly adaptive system



This is all thanks to the intelligent technology of the BLUMOTION adaptive system



It reacts to key factors such as door height, door weight and closing speed

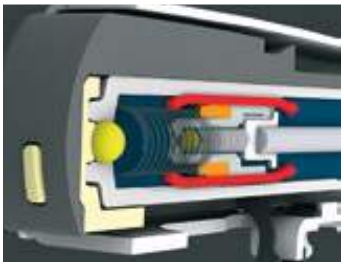


And brakes the motion of the front accordingly. The result is a silent and effortless closing motion

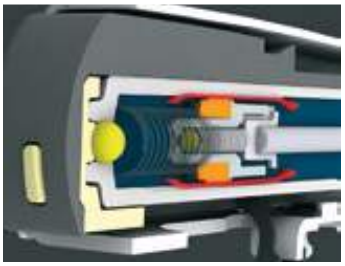
## This is how the adaptive system works



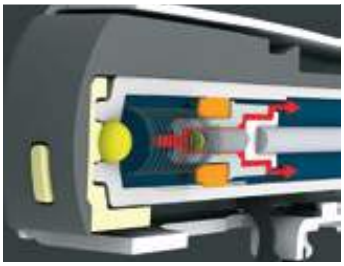
A look behind the scenes of the BLUMOTION adaptive system



**Slow closing speed**
The braking element expands slightly. The medium can flow by without much resistance.
-> Weak effect



**Fast closing speed**
The braking element expands. The medium can only flow by slowly.
-> Strong effect



**Closing speed that is too fast**
The overload safety feature kicks in.
-> Protects BLUMOTION and hinges

## Hinge systems


Symbolic image

Overview – hinge systems 91
► CLIP top BLUMOTION | CLIP top – hinges 92
► TIP-ON for doors 198

## ►► BLUMOTION 973A – clip on


Symbolic image

Overview – applications 186
BLUMOTION 973A – clip on 188

## ►► BLUMOTION 971A – in adapter plate for overlay application


Symbolic image

Overview – applications 186
BLUMOTION 971A – in adapter plate for overlay application 190

## ►► BLUMOTION 970A – for drilling, hinge side


Symbolic image

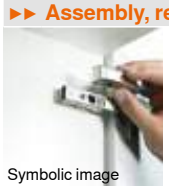
Overview – applications 186
BLUMOTION 970A – for drilling, hinge side 192
Accessories – adapter plates 196

## ►► BLUMOTION 970. – for drilling, handle side


Symbolic image

Overview – applications 186
BLUMOTION 970. – for drilling, handle side 194
Accessories – adapter plates 196

## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

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## Pictograph

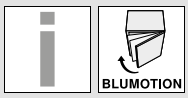
| | | |
|---|---|---|
| Item Available Upon Request | Dual application | Angled application max. overlay |
| Accessories | Inset application | Angled application mitered |
| General Information | Blind corner application | Chipboard screw fixing |
| Opening angle | Angled application inset | EXPANDO fixing |
| BLUMOTION for doors | Angled application half overlay | Planning |
| Overlay application | Angled application overlay | |

# Hinge systems

► BLUMOTION for doors
►► Overview – applications

BLUMOTION

| Hinge applications | Page | Application 1 | Part no. Page | 2 | Part no. Page | 3 | Part no. Page |
|---|---|---|---|---|---|---|---|
| **►► Standard application** | | | | | | | |
| 110° hinge | 96 | | 973A0500.01 188 | | 973A0600 188 | | 973A0700 188 |
| 110° special hinge | 98 | | 973A0500.01 188 | | | | |
| 107° hinge | 100 | | 973A0500.01 188 | | 973A0600 188 | | 973A0700 188 |
| CLIP 100° hinge | 102 | | 973A0500.01 188 | | 973A0600 188 | | 973A0700 188 |
| **►► Wide angled application** | | | | | | | |
| 170° hinge | 108 | | 973A6000 189 | | 973A6000 189 | | |
| **►► Profile door application** | | | | | | | |
| Profile/thick door hinge | 110 | | 973A0500.01 188 | | 973A0600 188 | | 973A0700 188 |
| **►► Aluminium frame application** | | | | | | | |
| 95° aluminium frame door hinge CLIP top for 973A | 120 | | 973A0500.01 188 | | 973A0600 188 | | |
| 95° aluminium frame door hinge CLIP top | 120 | | 970A1002 192 | | 970A1002 192 | | 970A1002 192 |
| **►► Glass door application** | | | | | | | |
| Glass door hinge | 130 | | 971Axxxx 190 | | 970A1002 192 | | 970A1002 192 |
| **►► Frame door application** | | | | | | | |
| Mini-hinge | 132 | | 971Axxxx 190 | | 970A1002 192 | | 970A1002 192 |
| **►► Corner cabinet solution** | | | | | | | |
| Corner cabinet bi-fold hinge | 134 | | 970.1002 194 | | | | |
| **►► Angled application – standard** | | | | | | | |
| ±5° angled application | 152 | | 973A0500.01 188 | | 973A0600 188 | | 973A0700 188 |
| **►► Angled application – glass door** | | | | | | | |
| +45° angled hinge for glass doors | 164 | | 970A1002 192 | | | | |
| ±5° angled application for glass doors | 166 | | 970A1002 192 | | 970A1002 192 | | 970A1002 192 |
| **►► Angled application – frame door** | | | | | | | |
| +45° angled hinge with mini boss | 168 | | 970A1002 192 | | | | |
| ±5° angled application with mini boss | 170 | | 970A1002 192 | | 970A1002 192 | | 970A1002 192 |


BLUMOTION

# Hinge systems



BLUMOTION

## BLUMOTION 973A – hinge with straight hinge arm



**CLIP top**
- 110° hinge
- 110°-special hinge
- 107° hinge
- Profile/thick door hinge
- 95°-aluminium frame door hinge CLIP top for 973A

**CLIP**
- 100° hinge

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Steel | Nickel plated | 973A0500.01 |

## BLUMOTION 973A – hinge with cranked hinge arm



**CLIP top**
- 110° hinge
- 107° hinge
- Profile/thick door hinge
- 95°-aluminium frame door hinge CLIP top for 973A

**CLIP**
- 100° hinge

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Steel | Nickel plated | 973A0600 |

## BLUMOTION 973A – hinge with double cranked hinge arm



**CLIP top**
- 110° hinge
- 107° hinge
- Profile/thick door hinge

**CLIP**
- 100° hinge

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Steel | Nickel plated | 973A0700 |

## BLUMOTION 973A – 170° hinge



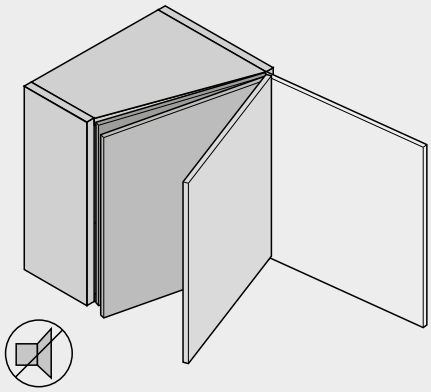
**CLIP top**
- 170° hinge – inline
- 170° hinge – cranked

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Zinc | Nickel plated | 973A6000 |

## Planning

### BLUMOTION quantity



For normal door sizes, one BLUMOTION 973A per hinge is required for the perfect motion. For smaller, lighter doors, the number can be reduced accordingly.

### Page instructions


| | |
|---|---|
| Overview – BLUMOTION for doors | 185 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

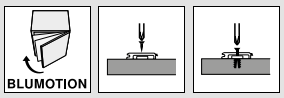
**Assembly, removal and adjustment**

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# Hinge systems

► BLUMOTION for doors

►► BLUMOTION 971A – in adapter plate for overlay application




## BLUMOTION 971A – in a cruciform adapter plate 37/32

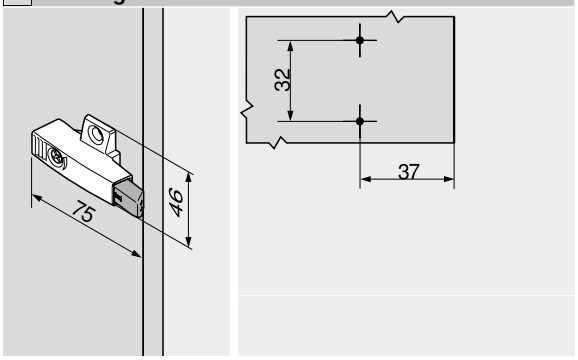


- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Material: zinc
- Colour: nickel plated

**Order information**

| Construction height (mm) | Part no. |
|---|---|
| 25 | 971A0500 |
| 33 | 971A2500 |

**Planning**




## BLUMOTION 971A – in a cruciform adapter plate 37/32

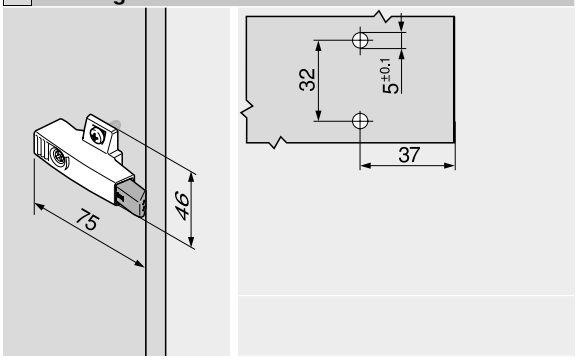


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- Material: zinc
- Colour: nickel plated

**Order information**

| Construction height (mm) | Part no. |
|---|---|
| 25 | 971A05E0 |

**Planning**




## BLUMOTION 971A – in a cruciform adapter plate 9.5/32

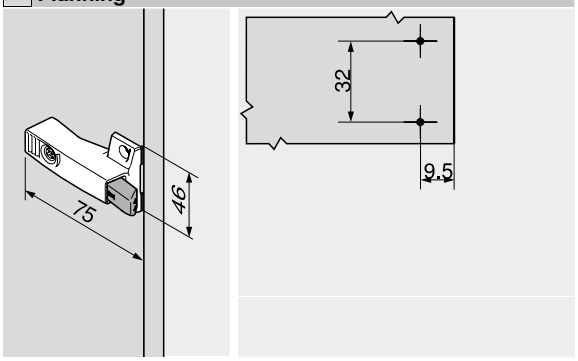


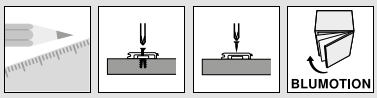
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Material: zinc
- Colour: nickel plated

**Order information**

| Construction height (mm) | Part no. |
|---|---|
| 25 | 971A0700 |

**Planning**

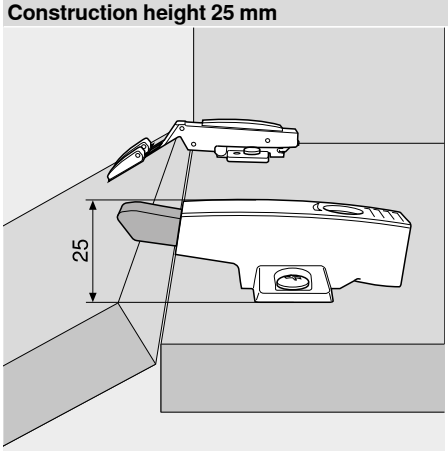






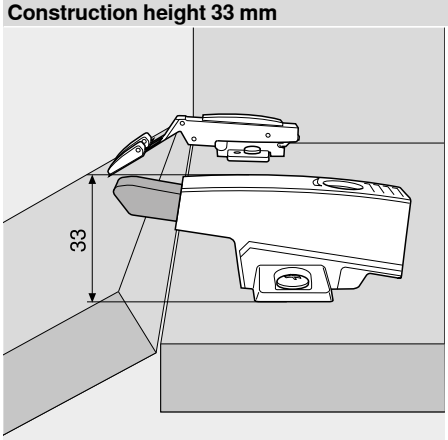

## Planning

### Construction height 25 mm



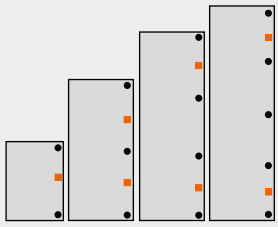

For all hinges with a straight hinge arm and a 0 mm raised mounting plate. Exception: 95° profile door hinge

### Construction height 33 mm




For all hinges with a straight hinge and a 3 mm spaced mounting plate. Use also for 95° profile door hinge with 0mm spaced plate.

### Assembly position and number required



■ BLUMOTION 971Axxxx
● Hinges

For optimal BLUMOTION effect, BLUMOTION 971A should be attached to the centre between the hinges. For high and heavy doors, we recommend using an additional BLUMOTION 971A between an additional hinge pair. Any depth adjustment made to the hinge arm should be mirrored on the 971A, this is easily acheived via a spiral screw depth adjustment feature (+3 to –7 mm).

### Page instructions

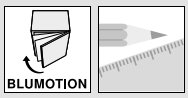

| | |
|---|---|
| Overview – BLUMOTION for doors | 185 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

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# Hinge systems

► BLUMOTION for doors
►► BLUMOTION 970A – for drilling, hinge side




## BLUMOTION 970A



- BLUMOTION – perfect movement, quiet and easy
- For use with Blum hinges
- For drilling or in combination with adapter plates

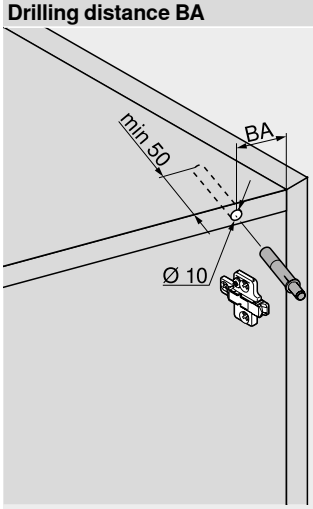
### Order information

**BLUMOTION 970A**

| | Material | Colour | Part no. |
|---|---|---|---|
|  | Nylon | RAL 7037 dust grey | 970A1002 |

### Planning

**Drilling distance BA**




| | |
|---|---|
| Nº XX | Angled application |
| XX | Drilling distance BA (mm) |

**Assembly position and number required**

BLUMOTION 970A is for location on the hinge side, and guarantees perfect motion even for angled hinges. The hole for BLUMOTION 970A needs to be drilled into the cabinet top. The correct position is set using the drilling distance (BA). If the BLUMOTION effect is insufficient, we recommend installing an additional BLUMOTION 970A in the bottom.

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – BLUMOTION for doors | 185 | Template | 650 | **Assembly, removal and adjustment** | |
| Accessories – straight adapter plates | 196 | Drilling template for mounting plates | 651 | | |
| Accessories – cruciform adapter plates | 196 | PRO-CENTER | 602 | | |
| Drilling distance BA | 193 | MINIPRESS PRO | 606 | Short-URL | |
| **Assembly** | | MINIPRESS P | 618 | www.blum.com/a220 | |
| Drilling template for BLUMOTION \| TIP-ON | 652 | MINIPRESS M | 622 | | |








## BLUMOTION 970A

### Planning

**All hinge applications except for angled applications**

| Mounting plate spacing (mm) | Drilling distance BA (mm) | Drilling distance BA (mm) | Drilling distance BA (mm) [1] | Drilling distance BA (mm) | Drilling distance BA (mm) |
|---|---|---|---|---|---|
| 0 | 32 | 41 | 50 | | 34 |
| 3 | 35 | 44 | 53 | 51 | 34 |
| 6 | 38 | 47 | | | |
| 9 | 41 | 50 | | | |

[1] When dealing with narrow top rails or larger front gaps, we recommend using the adapter plate as needed

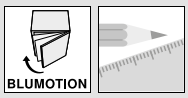
**Angled applications**

| Angle | Drilling distance BA (mm) [1] | Drilling distance BA (mm) | Drilling distance BA (mm) | Drilling distance BA (mm) | Drilling distance BA (mm) [1] |
|---|---|---|---|---|---|
| **►► Angled application – glass door** | | | | | |
| **Angled hinge for glass doors** | | | | | |
| 50° | № 76 | 48 | № 68 | 45 | |
| 45° | № 75 | 48 | № 67 | 45 | |
| 40° | № 74 | 48 | | | |
| 5° | № 70 | 48 | № 63 | 33 | |
| –5° | № 69 | 48 | № 62 | 37 | |
| **►► Angled application – frame door** | | | | | |
| **Angled hinge with mini boss** | | | | | |
| 50° | № 99 | 48 | № 91 | 48 | № 83 | 48 | | | | |
| 45° | № 98 | 48 | № 90 | 48 | № 82 | 45 | | | | |
| 40° | № 97 | 48 | № 89 | 48 | | | | | | |
| 5° | № 93 | 48 | № 85 | 48 | № 78 | 33 | | | | |
| –5° | № 92 | 48 | № 84 | 48 | № 77 | 37 | | | | |

[1] When dealing with narrow top rails or larger front gaps, we recommend using the adapter plate as needed

# Hinge systems

► BLUMOTION for doors
►► BLUMOTION 970. – for drilling, handle side




## BLUMOTION 970.



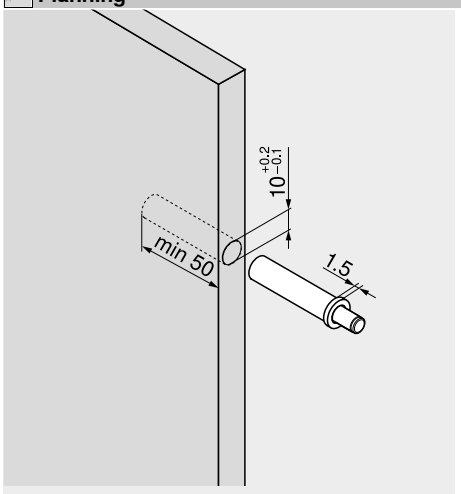
- BLUMOTION – perfect movement, quiet and easy
- For use with Blum hinges
- For drilling or in combination with adapter plates

### Order information

**BLUMOTION 970.**

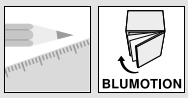
| | Material | Colour | Part no. |
|---|---|---|---|
|  | Nylon | RAL 7037 dust grey | 970.1002 |

### Planning




### Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – BLUMOTION for doors | 185 | Template | 650 | **Assembly, removal and adjustment** | |
| Accessories – straight adapter plates | 196 | Drilling template for mounting plates | 651 | | |
| Accessories – cruciform adapter plates | 196 | PRO-CENTER | 602 | | |
| Assembly position and number required | 195 | MINIPRESS PRO | 606 | Short-URL | |
| **Assembly** | | MINIPRESS P | 618 | www.blum.com/a220 | |
| Drilling template for BLUMOTION | 653 | MINIPRESS M | 622 | | |

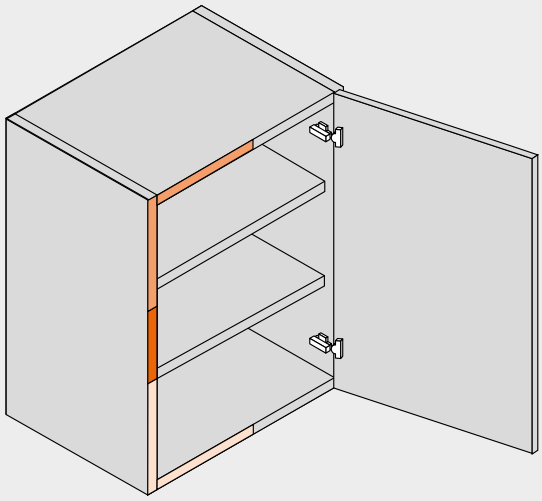





## BLUMOTION 970.

### Planning

### Assembly position and number required



Optimal position

Optional position

Up to 600 mm cabinet width – applicable for all CLIP top-hinges

Because BLUMOTION for doors is customised for Blum hinges, the only way to get that perfect movement is to combine the two.

Some general notes regarding assembly position:
Distance from hinge: max. 600 mm
For glass door | Mini hinges: 1/2 door width

Normally, one BLUMOTION per door is sufficient. However, some circumstances may require the use of a second BLUMOTION, e.g. higher door weight, unstable doors (wooden frames, fixed fronts, large aluminium frame doors, etc.).

## Inline adapter plate 20/32

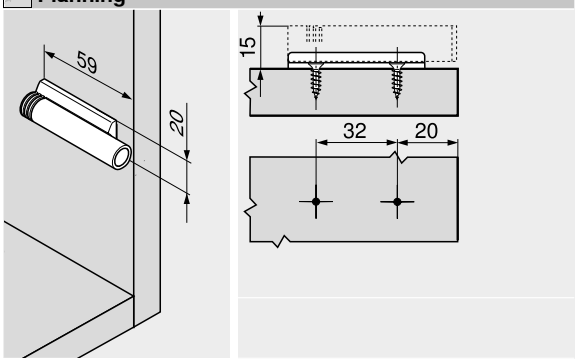


- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- BLUMOTION must be ordered separately

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7036 platinum grey | 970.1201 |
| Zinc | Nickel plated | 970.5201 |

**Planning**




## Cruciform adapter plate 37/32

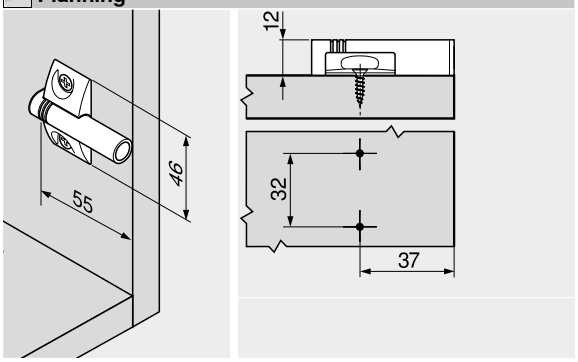


- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- BLUMOTION must be ordered separately

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7036 platinum grey | 970.1501 |
| Zinc | Nickel plated | 970.5501 |

**Planning**




## Cruciform adapter plate 37/32

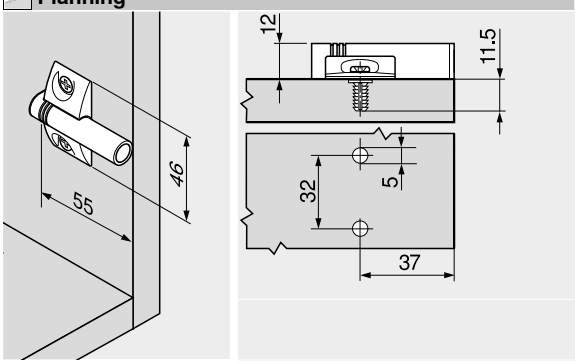


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- BLUMOTION must be ordered separately

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7036 platinum grey | 970.15E1 |
| Zinc | Nickel plated | 970.55E1 |

**Planning**




## Cruciform adapter plate 9.5/32

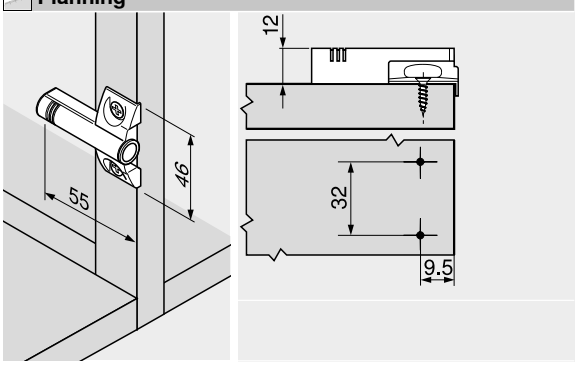


- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- BLUMOTION must be ordered separately

**Order information**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7036 platinum grey | 970.1701 |
| Zinc | Nickel plated | 970.5701 |

**Planning**



## Cruciform double adapter plate 37/32

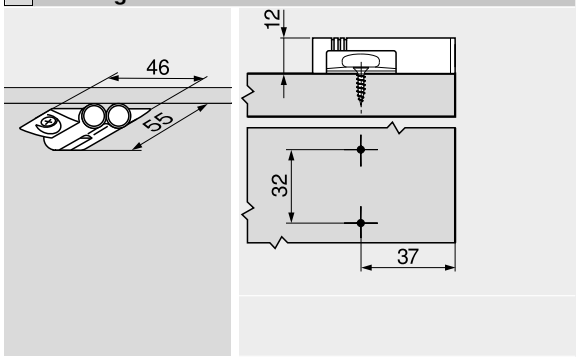


- For cabinets with double doors
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- BLUMOTION must be ordered separately

### Order information

| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7036 platinum grey | 970.2501 |

### Planning




## Cruciform double adapter plate 9.5/32

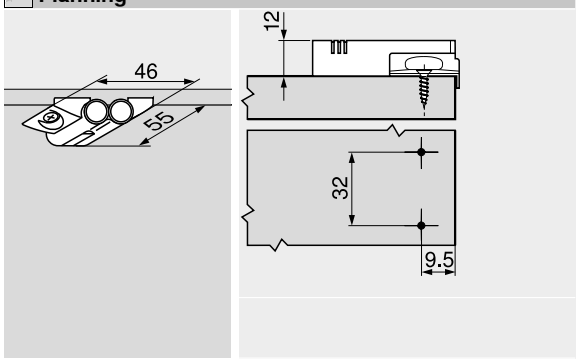


- For cabinets with double doors
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- BLUMOTION must be ordered separately

### Order information

| Material | Colour | Part no. |
|---|---|---|
| Zinc | Nickel plated | 970.6701 |

### Planning



## Opening comfort for handle-less fronts




Handle-less furniture is becoming more and more popular in the home. With TIP-ON, we offer a mechanical opening support system for handle-less furniture fronts. This enables your customers to open and close handle-less furniture fronts easily and effortlessly. TIP-ON can be used in the kitchen as well as all other living areas.

You will always find the right TIP-ON unit for every application thanks to the wide range of colours and adapter plates. You can choose between the short and long version of TIP-ON, for drilling or with an adapter plate depending on the application. The door gap adjustment feature is integrated in all models.

## Easy to open – with just a touch



Handle-less doors can be opened easily with TIP-ON – a light touch is all that's needed



The door then opens at an angle that is comfortable for the furniture user



With four colour variants, TIP-ON can be optimally adjusted to the cabinet interior



The door gap can easily be set using the ejector

## High quality down to the smallest detail



The TIP-ON unit can be attached to the cabinet front edge



The TIP-ON unit can also be attached to the cabinet interior using horizontal adapter plates



The TIP-ON unit can also be attached to the cabinet interior using cruciform adapter plates



The catch plate is the counterpart to TIP-ON. There are two variants, self-adhesive, or a version that screws to the door

## Hinge systems


Symbolic image


| | |
|---|---|
| Overview – hinge systems | 91 |
| ► CLIP top BLUMOTION \| CLIP top – hinges | 92 |
| ► BLUMOTION for doors | 184 |


## ►► TIP-ON 956x


Symbolic image


| | |
|---|---|
| TIP-ON 956. – short version with magnet | 200 |
| TIP-ON 956A – long version with magnet | 200 |
| TIP-ON 956A – long version with bumper | 200 |


## ►► Accessories


Symbolic image


| | |
|---|---|
| Inline adapter plates | 201 |
| Cruciform adapter plates | 201 |


## ►► Assembly, removal and adjustment

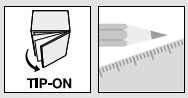

Symbolic image

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a230

### Pictograph

- Item Available Upon Request
- Accessories
- General Information
- TIP-ON for doors
- Chipboard screw fixing
- System screw fixing
- Planning




## TIP-ON 956. – short version with magnet



- For overlay fronts (up to approx. 1300 mm height)
- For use with unsprung Blum hinges
- For drilling or in combination with adapter plates
- Output path approx. 17 mm
- Setting +4/–1 mm

### Order information

| Colour | Part no. |
|---|---|
| SW \| TS \| R7036 | 956.1004 |

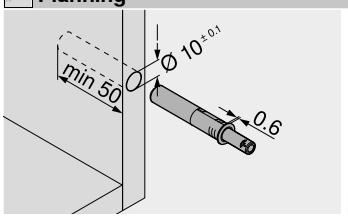
**Composed of:**

| | |
|---|---|
| 1 x | TIP-ON 956. – short version with magnet |
| 1 x | Glue-on catch plate |
| 1 x | Screw-on catch plate |

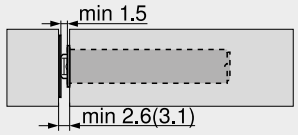
**Colour**

| | |
|---|---|
| SW | Silk white |
| TS | Terra black |
| R7036 | RAL 7036 platinum grey |

### Planning

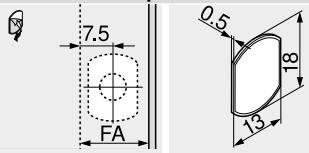



### Front gap



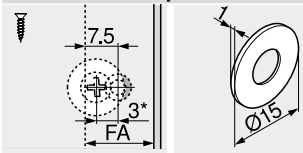

() Screw-on catch plate

### Glue-on catch plate




FA Front overlay

### Screw-on catch plate




FA Front overlay
* 3 mm offset installation

## TIP-ON 956A – long version with magnet



- For overlay fronts (starting at approx. 1300 mm height) and all inset applications
- For use with unsprung Blum hinges
- For drilling or in combination with adapter plates
- Output path approx. 38 mm
- Setting +4/–1 mm

### Order information

| Colour | Part no. |
|---|---|
| SW \| TS \| R7036 | 956A1004 |

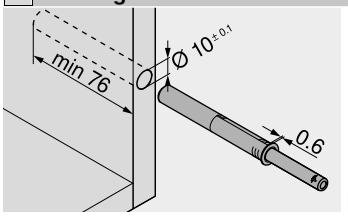
**Composed of:**

| | |
|---|---|
| 1 x | TIP-ON 956A – long version with magnet |
| 1 x | Glue-on catch plate |
| 1 x | Screw-on catch plate |

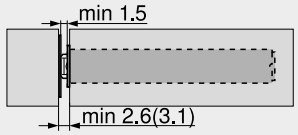
**Colour**

| | |
|---|---|
| SW | Silk white |
| TS | Terra black |
| R7036 | RAL 7036 platinum grey |

### Planning

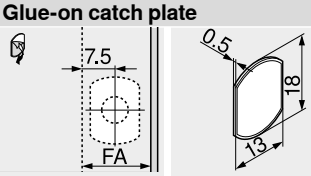



### Front gap



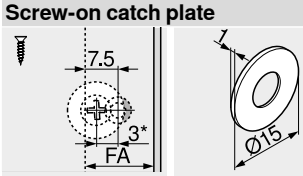

() Screw-on catch plate

### Glue-on catch plate




FA Front overlay

### Screw-on catch plate




FA Front overlay
* 3 mm offset installation

## TIP-ON 956A – long version with bumper



- For use with sprung Blum hinges
- For drilling or in combination with adapter plates
- Output path approx. 38 mm
- Setting +4/–1 mm

### Order information

| Colour | Part no. |
|---|---|
| SW \| TS \| R7036 | 956A1006 |

**Composed of:**

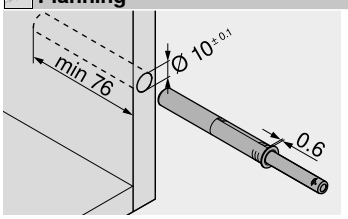
| | |
|---|---|
| 1 x | TIP-ON 956A – long version with bumper |

No catch plate needed (we recommend using a catch plate for very soft surfaces)

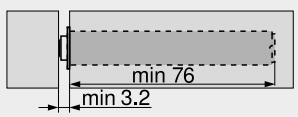
**Colour**

| | |
|---|---|
| SW | Silk white |
| TS | Terra black |
| R7036 | RAL 7036 platinum grey |

### Planning




### Front gap




### Page instructions


| | |
|---|---|
| Overview – TIP-ON for doors | 199 |
| Accessories – straight adapter plates | 201 |
| Accessories – cruciform adapter plates | 201 |


**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a230

**Assembly**


| | |
|---|---|
| Drilling template for BLUMOTION \| TIP-ON | 652 |
| Positioning template for catch plate | 673 |
| PRO-CENTER | 602 |

## Inline adapter plate – short version 20/17

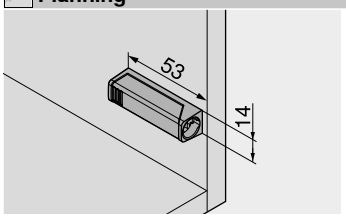


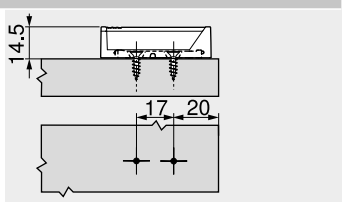
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

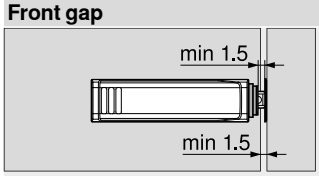
| Colour | | Part no. |
|---|---|---|
| SW \| TS \| R7036 \| NI-L | | 956.1201 |
| SW | Silk white | |
| TS | Terra black | |
| R7036 | RAL 7036 platinum grey | |
| NI-L | Nickel lacquered | |

### Planning

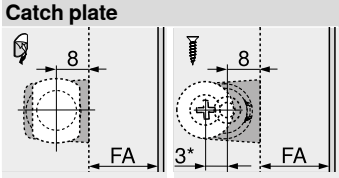



### Front gap




### Catch plate




FA Front overlay
* 3 mm offset installation

## Inline adapter plate – long version 20/32

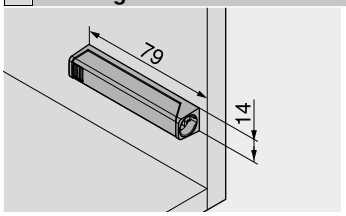


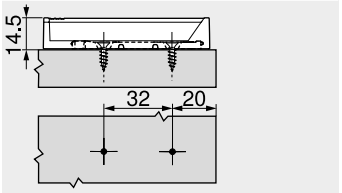
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

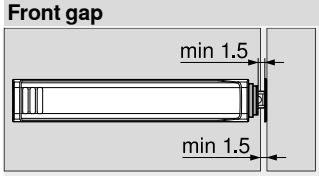
| Colour | | Part no. |
|---|---|---|
| SW \| TS \| R7036 \| NI-L | | 956A1201 |
| SW | Silk white | |
| TS | Terra black | |
| R7036 | RAL 7036 platinum grey | |
| NI-L | Nickel lacquered | |

### Planning

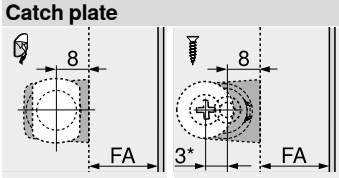



### Front gap




### Catch plate




FA Front overlay
* 3 mm offset installation

## Cruciform adapter plate – long version 37/32

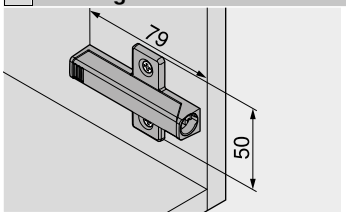


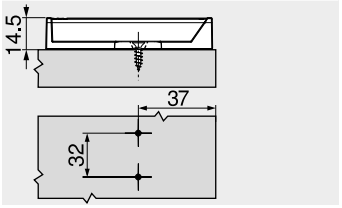
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

### Order information

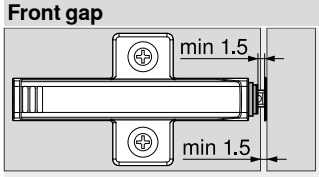
| Colour | | Part no. |
|---|---|---|
| R7036 | | 956A1501 |
| R7036 | RAL 7036 platinum grey | |

### Planning

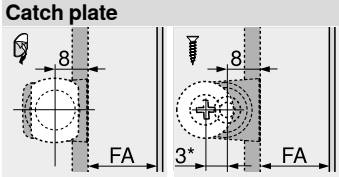



### Front gap




### Catch plate




FA Front overlay
* 3 mm offset installation

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TIP-ON for doors | 199 | **Assembly** | | MINIPRESS M | 622 |
| **Assembly, removal and adjustment** | | Template | 650 | | |
| | | Drilling template for mounting plates | 651 | | |
| | | Positioning template for catch plate | 673 | | |
| **Short-URL** | | PRO-CENTER | 602 | | |
| **www.blum.com/a230** | | MINIPRESS PRO | 606 | | |
| | | MINIPRESS P | 618 | | |

## Slide-on hinge system



This economical hinge system provides the right solution for many different applications. The system's combined slide-on and screw-fix feature has proven itself over the years.

- Simple and easy slide-on assembly
- Simple 3-way adjustment for perfect gap alignment



Simple "slide-on" door to cabinet assembly



**Blind corner hinge**

- For an inset blind corner construction
- Inner blind corner width 28 mm and higher
- With integrated BLUMOTION





**Refrigerator/Appliance hinge for facade doors**

- The 3-dimensional adjustment feature is easily accessible when attached to the refrigerator
- The front can be easily removed from the refrigerator
- Front thicknesses of up to 30 mm are possible
- The refrigerator can be positioned inside the cabinet even when the front is attached

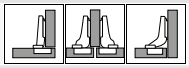
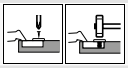
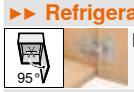
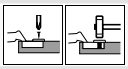
# Hinge systems



## Hinge systems


Symbolic image


| | |
|---|---|
| Overview – hinge systems | 91 |
| ► CLIP top BLUMOTION \| CLIP top – hinges | 92 |


| Hinge applications | MODUL BLUMOTION | MODUL | Colour | Application | Boss Fixing | Web-code | Page |
|---|---|---|---|---|---|---|---|
| **►► Standard application** | | | | | | | |
|  100° hinge | | ● | NI |  |  | DQE3XA | 204 |
| **►► Blind corner application** | | | | | | | |
|  Blind corner hinge inset application | ● | | NI |  |  | DQE4MM | 206 |
| **►► Refrigerator application** | | | | | | | |
|  Refrigerator facade door hinge | | ● | NI |  |  | DQE5BY | 208 |
| **►► Mounting plates** | | | | | | | |
|  Overview – mounting plates | | | | | | | 210 |

● With spring NI Nickel plated

## ►► Accessories


Symbolic image


| | |
|---|---|
| Hinge arm cover cap | 213 |
| Screws | 214 |
| Centre bit | 214 |
| Door buffer | 214 |
| Screwdriver | 215 |

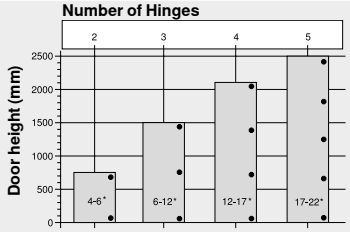

## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a240

## Number of Hinges




* Door weight FG (kg)

The number of hinges depends on the door weight and front height

To achieve good stability, distances between hinges should be as large as possible

Information on weight and height apply to a standard door width of 600 mm

## Pictograph

- Item Available Upon Request
- Accessories
- General Information
- Opening angle
- Overlay application
- Dual application
- Inset application
- Blind corner application
- Hinge with straight hinge arm
- Hinge with cranked hinge arm
- Hinge with double cranked hinge arm
- Screw-on boss
- Knock-in boss
- Cruciform mounting plate
- Hinge arm cover cap
- Planning

# Hinge systems

► MODUL – hinges
►► Standard application



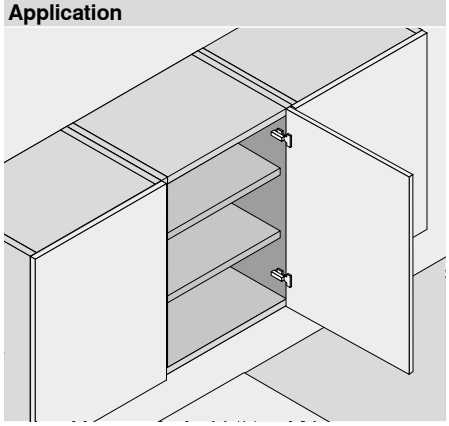

## 100° hinge

Webcode DQE3XA



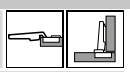
- **MODUL** with closing mechanism (spring)
- Slide on hinge arm
- All metal hinge
- 100° opening angle
- 3-dimensional front adjustment

### Application



## Order information

### Overlay application



**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91M2550 |

● With spring NI Nickel plated

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91M2580 |

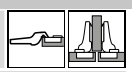
#### a Accessories



**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 90M2503 |
| Stamped | Blum | NI | 90M2503.BP |

### Dual application



**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91M2650 |

● With spring NI Nickel plated

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91M2680 |

#### a Accessories



**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 90M2603 |
| Stamped | Blum | NI | 90M2603.BP |

### Inset application



**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91M2750 |

● With spring NI Nickel plated

**Boss** | **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91M2780 |

#### a Accessories



**Hinge arm cover cap**

| Print \| Stamp | Logo | Colour | Part no. |
|---|---|---|---|
| Plain | – | NI | 90M2603 |
| Stamped | Blum | NI | 90M2603.BP |

## a Accessories – general



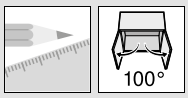
**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |



**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |








## 100° hinge

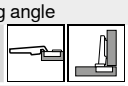
Webcode DQE3XA

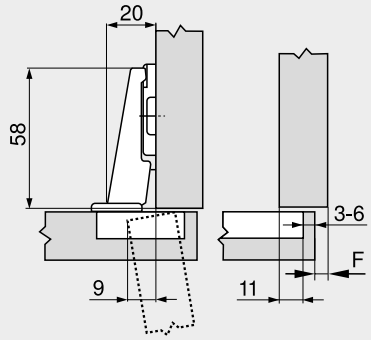
### Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

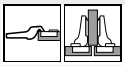
#### Overlay application

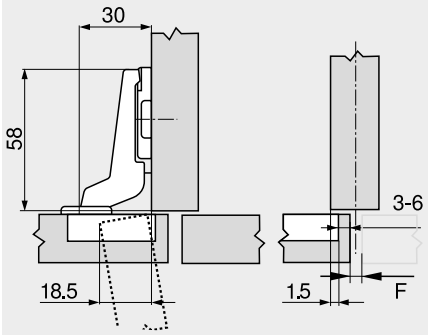




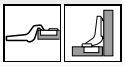

F Gap

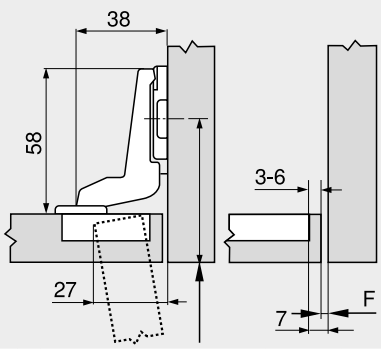
#### Dual application






#### Inset application






Set mounting plate back by door thickness

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |
| – | | | | | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -4.5 | -3.5 | -2.5 | -1.5 | -0.5 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 | 6.5 | 7.5 |
| 0 | | | | | | | | | | 3 | 4 | 5 | 6 |
| 3 | | | | | | | 3 | 4 | 5 | 6 | | | |
| 9 | 3 | 4 | 5 | 6 | | | | | | | | | |
| – | | | | | | | | | | | | | |

MD Mounting plate spacing (mm)

| MD | Front overlay FA (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | –7 | –6 | –5 | –4 | –3 | –2 | –1 | |
| 0 | | | | 3 | 4 | 5 | 6 | |
| 3 | 3 | 4 | 5 | 6 | | | | |
| 9 | | | | | | | | |
| – | | | | | | | | |

MD Mounting plate spacing (mm)

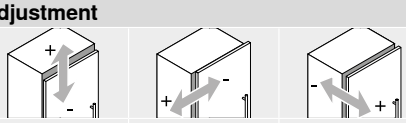
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 21 | 22 | 24 | 26 | 28 | 30 | 31 | 32 |
| 3 | 0.3 | 0.5 | 0.7 | 1.0 | 1.3 | 1.6 | 3.3 | △ | △ | △ | △ | △ |
| 4 | 0.3 | 0.5 | 0.7 | 1.0 | 1.2 | 1.6 | 3.2 | △ | △ | △ | △ | △ |
| 5 | 0.3 | 0.5 | 0.7 | 0.9 | 1.2 | 1.5 | 2.6 | △ | △ | △ | △ | △ |
| 6 | 0.3 | 0.5 | 0.7 | 0.9 | 1.1 | 1.4 | 2.4 | △ | △ | △ | △ | △ |
| Additional for +2 mm side adjustment | | | | | | | | | | | | |
| | +0.1 | +0.3 | +0.3 | +0.4 | +0.4 | +0.5 | +0.4 | | | | | |

△ In these cases a trial is recommended

### Adjustment

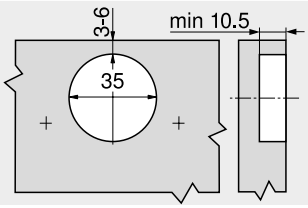


Max. ±3.0 mm
See mounting plates

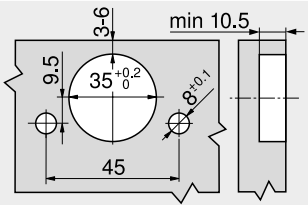
±2.0 mm

±2.0 mm

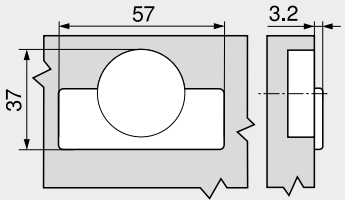
### Screw-on




### Knock-in




### Hinge boss dimensions

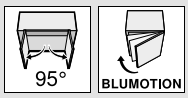



### Page instructions


| | |
|---|---|
| Overview – MODUL – hinges | 203 |
| Mounting plates | 210 |
| Accessories – hinge arm cover cap | 213 |
| Accessories – general | 214 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
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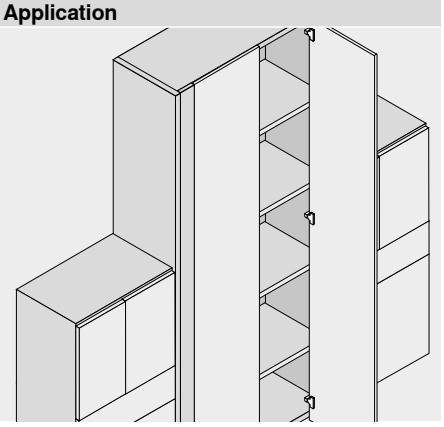

## Blind corner hinge inset application

Webcode DQE4MM



- **Hinge for blind corner applications**
- **MODUL BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- Slide on hinge arm
- Can only be combined with mounting plate 199.8130
- All metal hinge
- 95° opening angle
- 3-dimensional front adjustment

**Application**



### Order information

**Inset application**

**Boss** | **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL BLUMOTION | ● | NI | 99B9550 |

● With spring | NI Nickel plated

**Cruciform mounting plate for blind corner applications**

| Spacing (mm) | Height (mm) | Part no. |
|---|---|---|
| 3 | 12.2 | 199.8130 |

### a Accessories

**Hinge arm cover cap**

| Print \| Stamp | Logo | Part no. |
|---|---|---|
| Plain | – | 90M2503 |
| Stamped | Blum | 90M2503.BP |

### a Accessories – general

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| MODUL BLUMOTION | NI | 70T3504 |

NI Nickel plated

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |






# Blind corner hinge inset application

Webcode
DQE4MM

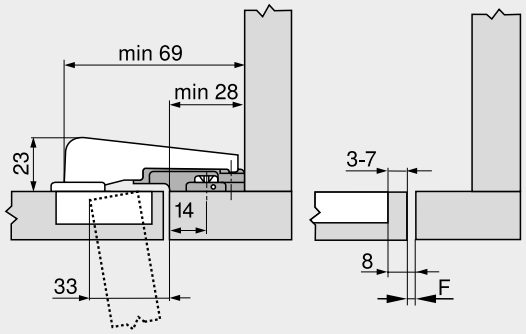
## Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 3 mm)**

Hinge and front protrusion at full opening angle

### Inset application






Fixing position from inside edge of muntin: 14 mm
Special mounting plate for blind corner application: 199.8130
F Gap

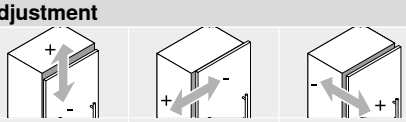
### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting




| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 29 | 30 | 31 | 32 |
| 3 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.0 | 1.5 | 1.9 | △ | △ | △ | △ |
| 4 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 5 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 6 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 1.0 | 1.4 | 1.8 | △ | △ | △ | △ |
| 7 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.9 | 1.4 | 1.7 | △ | △ | △ | △ |

△ In these cases a trial is recommended

### Adjustment

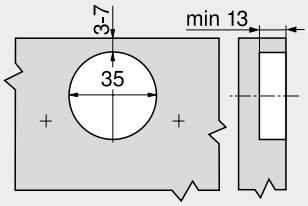



Max. ±2.0 mm
See mounting plates

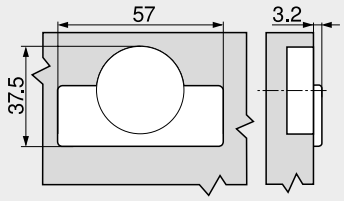
±2.0 mm

±0.8 mm

### Screw-on




### Hinge boss dimensions




### Page instructions


| | |
|---|---|
| Overview – MODUL – hinges | 203 |
| Mounting plates | 210 |
| Accessories – hinge arm cover cap | 213 |
| Accessories – general | 214 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
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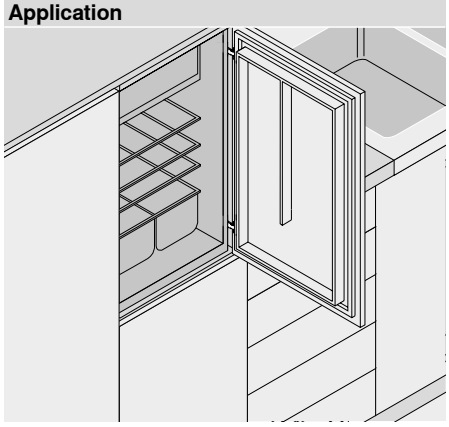

## Refrigerator facade door hinge

Webcode DQE5BY



- **Hinge for refrigerator facade doors**
- **Shallow hinge arm height**
- **MODUL** with closing mechanism (spring)
- Slide on hinge arm
- Can only be combined with mounting plate 194K6100E
- All metal hinge
- 95° opening angle
- 3-dimensional front adjustment possible when attached to refrigerator
- Assembly and removal of front possible when refrigerator is installed

**Application**



### Order information

**Overlay application**

**Boss** — **Screw-on**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91K9550 |

● With spring NI Nickel plated

**Boss** — **Knock-in**

| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| MODUL | ● | NI | 91K9580 |

**Cruciform mounting plate for refrigerator facade door hinge**

| Spacing (mm) | Height (mm) | Part no. |
|---|---|---|
| 0 | 10.3 | 194K6100E |

### a Accessories – general

**Hinge boss cover cap**

| Hinge | Colour | Part no. |
|---|---|---|
| MODUL | NI | 70T3504 |

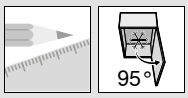
NI Nickel plated

**Insertion ram**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Orange | MZM.0040 |

**Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |






# Refrigerator facade door hinge

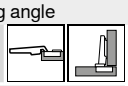
Webcode DQE5BY

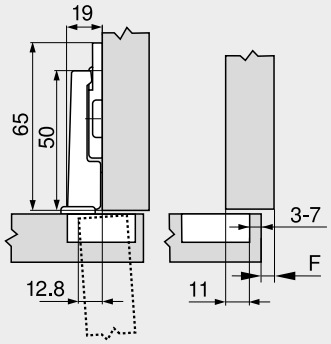
## Planning

**Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)**

Hinge and front protrusion at full opening angle

### Overlay application





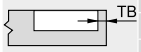

F Gap

### Drilling distance TB

| MD | Front overlay FA (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 0 | | | | | | | | | 3 | 4 | 5 | 6 | 7 |
| 3 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |

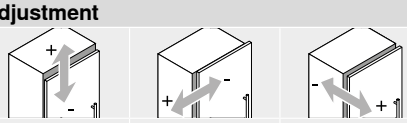
MD Mounting plate spacing (mm)

### Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting



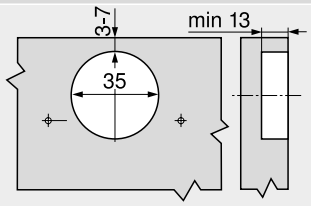

| Drilling distance TB (mm) | Front thickness FD (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 16 | 18 | 19 | 20 | 22 | 24 | 26 | 28 | 29 | 30 | 31 | 32 |
| 3 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.3 | 2.5 | 3.5 | 4.4 | 5.3 | 6.1 |
| 4 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.3 | 1.9 | 2.9 | 3.8 | 4.7 | 5.5 |
| 5 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.2 | 1.7 | 2.4 | 3.2 | 4.0 | 4.9 |
| 6 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.2 | 1.7 | 2.2 | 2.8 | 3.5 | 4.3 |
| 7 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.8 | 1.2 | 1.6 | 2.0 | 2.4 | 3.0 | 3.8 |
| Additional for +2 mm side adjustment | | | | | | | | | | | | |
| | +0.0 | +0.1 | +0.1 | +0.1 | +0.3 | +0.5 | +0.4 | +0.4 | +0.4 | +0.4 | +0.3 | +0.2 |

### Adjustment

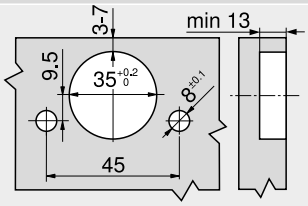


| Max. ±2.0 mm<br>See mounting plates | ±2.0 mm | +3.0 mm<br>–2.0 mm |
|---|---|---|

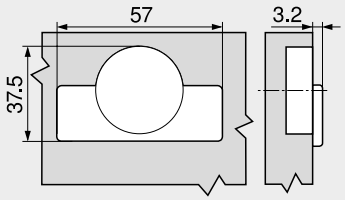
### Screw-on




### Knock-in




### Hinge boss dimensions




## Page instructions


| | |
|---|---|
| Overview – MODUL – hinges | 203 |
| Mounting plates | 210 |
| Accessories – general | 214 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a240

# Hinge systems

► MODUL – hinges
►► Mounting plates



## ►► Mounting plates

| Description | | Material | Adjustment | Height | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cruciform mounting plate | 37/32 | Zinc | Screws (two-part) | ±2 mm | 210 | | | | | | |
| Cruciform mounting plate | 37/32 | Steel | Elongated hole | ±2 mm | | | 211 | | | | |
| Cruciform mounting plate | 37/32 | Steel | Elongated hole | ±3 mm | 211 | | | 211 | | | |
| Cruciform mounting plate for dual application | 37/32 | Steel | Elongated hole | ±3 mm | | | | 211 | | | |
| Cruciform mounting plate for blind corner applications | 14/32 | Zinc | Elongated hole | ±2 mm | | | | 212 | | | |
| Cruciform mounting plate for refrigerator facade door hinge | 37/32 | Steel | Elongated hole | ±2 mm | | | 212 | | | | |

### Pictograph

| | | | |
|---|---|---|---|
| | Item Available Upon Request | | INSERTA fixing |
| a | Accessories | | EXPANDO fixing |
| i | General Information | | System screw fixing |
| | Cruciform mounting plate | | Knock-in dowel fixing – assembly only with the insertion ram |
| | Chipboard screw fixing | | Knock-in dowel fixing |

## Cruciform mounting plate 37/32



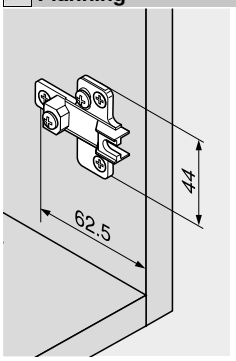
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- With height adjustment ±2 mm
- Recommended screw length 17 mm
- Material: zinc

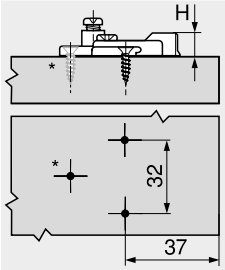
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 9.2 | NI | 195H7100 |
| 3 | 12.2 | NI | 195H7130 |
| 9 | 18.2 | NI | 195H7190 |

NI Nickel plated

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Cruciform mounting plate 37/32



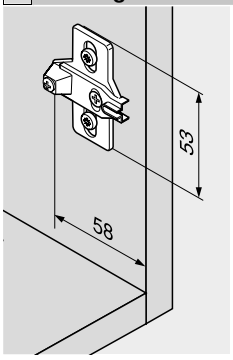
- Fixing with chipboard screws Ø 3.5 or Ø 4 mm
- With height adjustment ±3 mm
- Recommended screw length 17 mm
- Material: steel

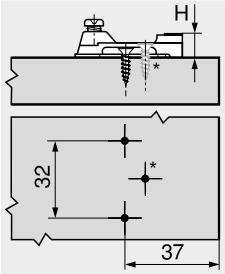
### Order information

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.3 | NI | 193L6100 |
| 3 | 11.3 | NI | 193L6130 |

NI Nickel plated

### Planning




H Height
* Fix with additional screw if used with wide angle hinges

## Cruciform mounting plate 37/32



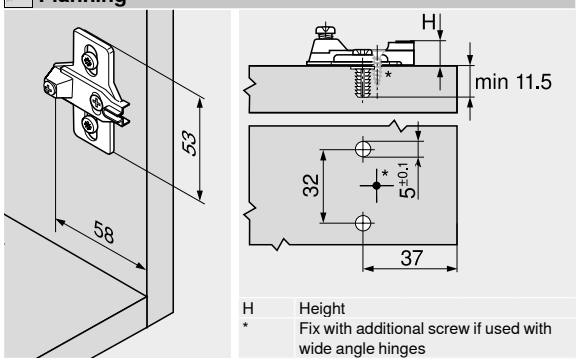
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With height adjustment ±2 mm
- Material: steel

**Order information**

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.3 | NI | 194E6100.ED |
| 3 | 11.3 | NI | 194E6130.ED |

NI Nickel plated

**Planning**




H Height
* Fix with additional screw if used with wide angle hinges

## Cruciform mounting plate 37/32



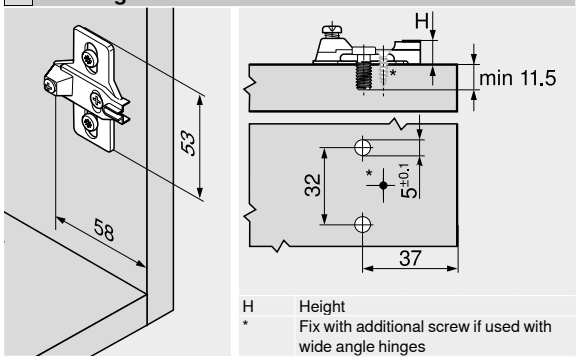
- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- Material: steel

**Order information**

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.3 | NI | 193L8100 |
| 3 | 11.3 | NI | 193L8130 |

NI Nickel plated

**Planning**




H Height
* Fix with additional screw if used with wide angle hinges

## Cruciform mounting plate for dual application 37/32



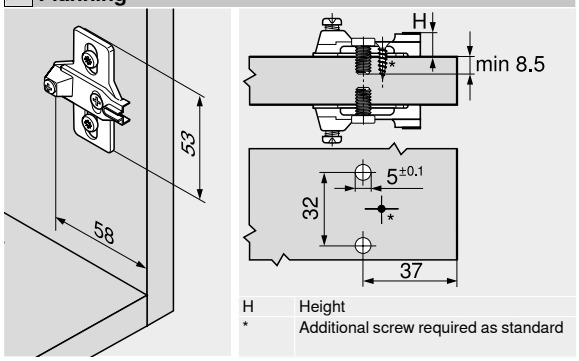
- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- For twin application
- Material: steel

**Order information**

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 8.3 | NI | 193L8100.21 |

NI Nickel plated

**Planning**




H Height
* Additional screw required as standard

## Cruciform mounting plate for blind corner applications 14/32



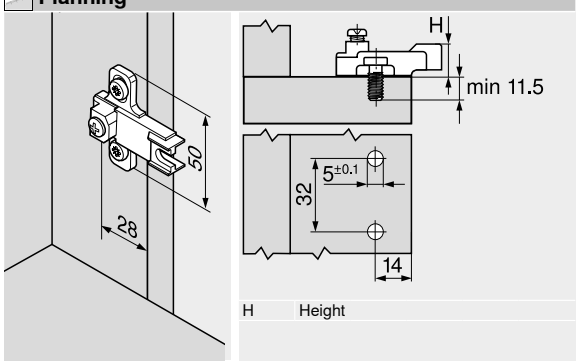
- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±2 mm
- For blind corner applications
- Material: zinc

**Order information**

| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 3 | 12.2 | NI | 199.8130 |

NI Nickel plated

**Planning**




H Height



## Cruciform mounting plate for refrigerator facade door hinge 37/32

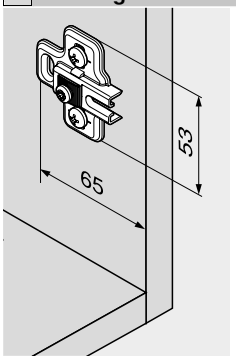


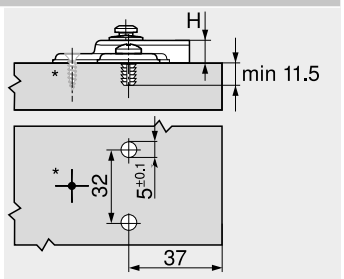
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With height adjustment ±2 mm
- For refrigerator facade door hinge
- Material: steel

### Order information

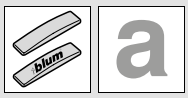
| Spacing (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|
| 0 | 10.3 | NI | 194K6100E |
| NI | Nickel plated | | |

### Planning




| | |
|---|---|
| H | Height |
| * | Additional screw optional |



## Hinge arm cover cap

| Hinge applications | | Straight hinge arm | | Cranked hinge arm<br>Double cranked arm | |
|---|---|---|---|---|---|
| 100° hinge | |  |  |  |  |
| | **Material** | Steel | Steel | Steel | Steel |
| | **Colour** | NI | NI | NI | NI |
| | **Print \| Stamp** | Plain | Stamped | Plain | Stamped |
| | **Logo** | – | Blum | – | Blum |
| | **Part no.** | 90M2503 | 90M2503.BP | 90M2603 | 90M2603.BP |
| Blind corner hinge inset application | |  |  | | |
| | **Material** | Steel | Steel | | |
| | **Colour** | NI | NI | | |
| | **Print \| Stamp** | Plain | Stamped | | |
| | **Logo** | – | Blum | | |
| | **Part no.** | 90M2503 | 90M2503.BP | | |

Cover caps: can be individually printed – minimum order quantity 1000 items
NI Nickel plated

## Hinge boss cover cap



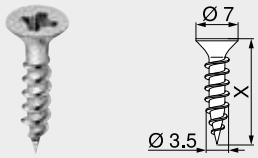
- Boss cover cap for screw-on/knock-in boss
- Tool-free assembly
- Suitable for the following hinges: 9X**B9**XXX | 9X**K9**XXX
- Material: steel

**Order information**

| Description | Colour | Part no. |
|---|---|---|
| Hinge boss cover cap | NI | 70T3504 |

NI Nickel plated

## Chipboard screws — Ø 3.5 mm

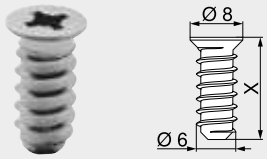



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

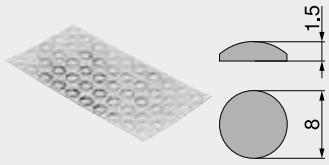


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver



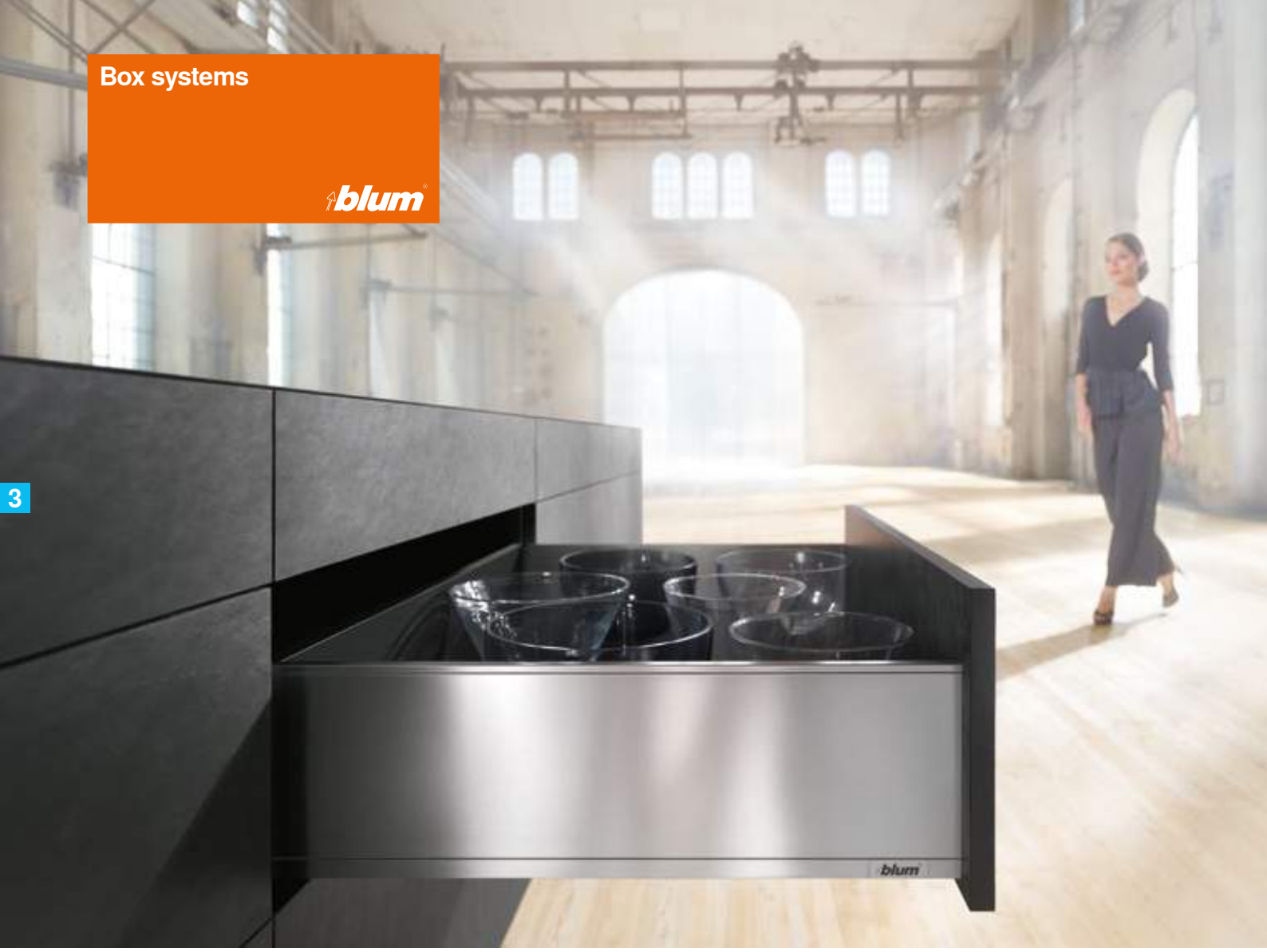
- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

# Box systems

3



Blum's box systems offer a wide range of design possibilities and meet the different design demands placed on furniture. They boast a feather-light glide, enhanced ease of use, top quality and beautiful design.

- BLUMOTION – silent and effortless closing action
- SERVO-DRIVE – electric opening support, combined with BLUMOTION
- TIP-ON BLUMOTION – mechanical opening support, combined with BLUMOTION
- TIP-ON – mechanical opening support, closes with just a light push
- Comprehensive programme for many options
- High stability
- Quality for the lifetime of the furniture

**LEGRABOX**



**Linear. Sleek. Slim.**
The elegant box system for every living area

**TANDEMBOX**



**One range – countless possibilities**
TANDEMBOX offers a wide range of design possibilities and tangible technological improvements

**METABOX**



**Simple. Excellent. Proven.**
The single walled Box system made from steel offers a number of application options

## ▶ LEGRABOX


Symbolic image

| | |
|---|---|
| ▶ LEGRABOX | 218 |
| ▶▶ Overview | 219 |
| ▶▶ Overview – applications | 220 |
| ▶▶ Design element | 256 |
| ▶▶ Accessories | 257 |
| ▶▶ Cabinet profile fixing positions | 261 |

## ▶ TIP-ON BLUMOTION for LEGRABOX


Symbolic image

| | |
|---|---|
| ▶ TIP-ON BLUMOTION for LEGRABOX | 262 |

## ▶ TIP-ON for LEGRABOX


Symbolic image

| | |
|---|---|
| ▶ TIP-ON for LEGRABOX | 266 |

## ▶ TANDEMBOX intivo


Symbolic image

| | |
|---|---|
| ▶ TANDEMBOX intivo | 270 |
| ▶▶ Overview | 271 |
| ▶▶ Overview – applications | 272 |
| ▶▶ Design element | 290 |
| ▶▶ Accessories | 291 |
| ▶▶ Cabinet profile fixing positions | 295 |

## ▶ TANDEMBOX antaro


Symbolic image

| | |
|---|---|
| ▶ TANDEMBOX antaro | 296 |
| ▶▶ Overview | 297 |
| ▶▶ Overview – applications | 298 |
| ▶▶ Accessories – design element | 334 |
| ▶▶ Accessories | 334 |
| ▶▶ Cabinet profile fixing positions | 342 |

## ▶ TANDEMBOX plus


Symbolic image

| | |
|---|---|
| ▶ TANDEMBOX plus | 344 |
| ▶▶ Overview | 345 |
| ▶▶ Overview – applications | 346 |
| ▶▶ Accessories | 364 |
| ▶▶ Cabinet profile fixing positions | 370 |

## ▶ TIP-ON BLUMOTION for TANDEMBOX


Symbolic image

| | |
|---|---|
| ▶ TIP-ON BLUMOTION for TANDEMBOX | 372 |

## ▶ SERVO-DRIVE for LEGRABOX | TANDEMBOX


Symbolic image

| | |
|---|---|
| ▶ SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 378 |
| ▶▶ Overview | 379 |
| ▶▶ Accessories | 408 |

## ▶ METABOX


Symbolic image

| | |
|---|---|
| ▶ METABOX | 410 |
| ▶▶ Overview | 411 |
| ▶▶ Overview – applications | 412 |
| ▶▶ Accessories | 426 |
| ▶▶ Cabinet profile fixing positions | 433 |

## LEGRABOX – Experience Elegance



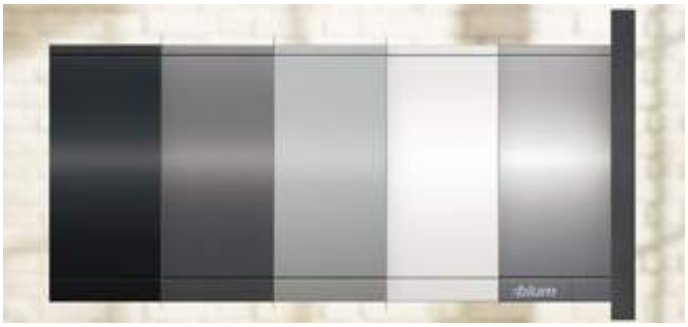

Straight lines, sleek design with clearly defined shapes and especially high quality of motion – that's LEGRABOX, the new elegant box system from Blum.

LEGRABOX is as wide-ranging as the concept of 'home' itself; it can be used for any application in any part of the home. To go with this, there is AMBIA-LINE, an inner dividing system that has been specifically tailored to match the design. For a harmonious overall look in all living spaces.





**Straight on the inside and outside**
The side panels, which are impressively slim at 12.8 mm, blend in beautifully with all items of furniture. The individual components are perfectly coordinated with one another and form beautiful transitions



**Universal colour palette**
Anti-fingerprint stainless steel or steel with matt coating is used throughout the design, which gives the product a unique feel





**Design variants**
In addition to LEGRABOX pure with matt, metallic surfaces, LEGRABOX free allows for each piece of furniture to be customised with a unique design. Whether glass, wood, leather or stone, large design elements create special highlights





**Inspiring technology**
Fitted with the new BLUMOTION S cabinet profile, LEGRABOX offers the flexibility to choose between three different motion technologies with a single cabinet profile, as well as boasting minimal opening force and a synchronised feather-light glide. The dampening function can also be adjusted to suit each motion technology







## Box systems


Symbolic image

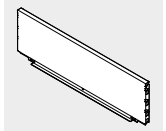

Overview – box systems 217
► TIP-ON BLUMOTION for LEGRABOX 262
► TIP-ON for LEGRABOX 266
► TANDEMBOX intivo 270
► TANDEMBOX antaro 296
► TANDEMBOX plus 344
► SERVO-DRIVE for LEGRABOX | TANDEMBOX 378
► METABOX 410


## ►► Overview


Symbolic image

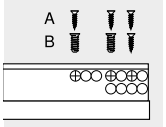

►► Overview – applications 220
►► Design element 256


## ►► Accessories


Symbolic image


Steel back 257
Front/base stabiliser 257
Front/base stabiliser for thin fronts 258
Side stabilisation 258
Screws 259
Centre bit 259
Door buffer 259
Screwdriver 260

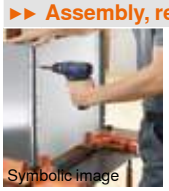

## ►► Cabinet profile fixing positions



Symbolic image


Cabinet profile 750 – 40 kg 261
Cabinet profile 753 – 70 kg 261


## ►► Assembly, removal and adjustment

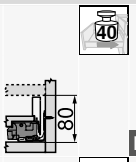
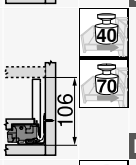
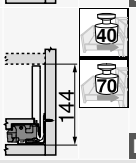
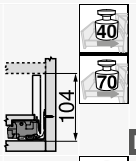
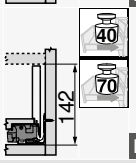
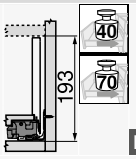
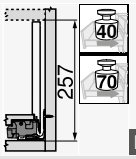
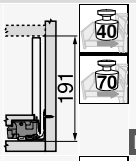
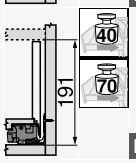
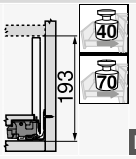
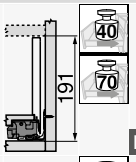
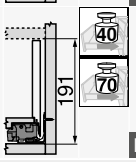

Symbolic image

**Assembly, removal and adjustment**

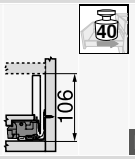
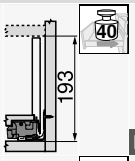
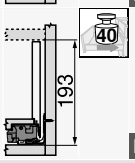
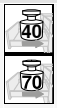
**Short-URL**
**www.blum.com/a310**

### Pictograph

| | |
|---|---|
| Item Available Upon Request | Dynamic carrying capacity (kg) |
| General Information | Planning |
| Accessories | Cutting |
| LEGRABOX pure | |
| LEGRABOX free | |
| Installation height and/or min. space requirement in cabinet | |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Standard cabinet** | | | | |
| **Drawer** | | | | |
|  Drawer – N |  | | DQBMJY | 222 |
|  Drawer – M |  | | DQBN9A | 224 |
|  Drawer – K |  | | DQBNYM | 228 |
| **Inner drawer** | | | | |
|  Inner drawer – M |  | | DQBPDA | 226 |
|  Inner drawer – K |  | | DQGPIM | 230 |
| **►► Standard cabinet – LEGRABOX pure** | | | | |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – C |  | | DQBQ2M | 232 |
|  High fronted pull-out – F |  | | DQBRHA | 238 |
| **Inner pull-out** | | | | |
|  Inner pull-out – design element – C |  | | DQBSVY | 234 |
|  Inner pull-out – gallery – C |  | | DQBTLA | 236 |
| **►► Standard cabinet – LEGRABOX free** | | | | |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – C |  | | DQBQRY | 240 |
| **Inner pull-out** | | | | |
|  Inner pull-out – design element – C |  | | DQBUAM | 242 |
|  Inner pull-out – gallery – C |  | | DQBUZY | 244 |

kg Dynamic carrying capacity

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Sink cabinet** | | | | |
| **Drawer** | | | | |
|  Drawer – M |  | | DQBONY | 246 |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – C |  | | DQBS6M | 248 |
|  High fronted pull-out – C – centre piece |  | | DQCYEM | 250 |
| **►► Larder unit** | | | | |
|  SPACE TOWER<br>Cabinet width 275–1200 mm |  | | DQGQ7Y | 252 |
| **►► Narrow cabinets** | | | | |
|  Narrow cabinets<br>Cabinet width 200 mm |  | | DQGTQM | 254 |
| **►► Design element** | | | | |
|  Glass design element | | | | 256 |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **Inner drawer** | | | | |
| **Inner pull-out** | | | | |

kg Dynamic carrying capacity

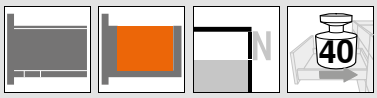
## Recommendation – colour combination of the components

| No. | Description | | Colour | | | | |
|---|---|---|---|---|---|---|---|
| | | | TS-M | OG-M | PS-M | SW-M | INGL |
| 2 | Drawer side set | | TS-M | OG-M | PS-M | SW-M | INGL |
| 2 | Drawer side set exterior | [1] | TS-M | OG-M | PS-M | SW-M | INGL |
| 3 | Back fixing left/right | | TS-M | OG-M | PS-M | SW-M | NI |
| 3 | Steel back L shape left/right | [1] | TS-M | OG-M | PS-M | SW-M | TS-M |
| 4 | Front piece set | | TS-M | OG-M | PS-M | SW-M | INGL |
| 5 | Front piece without groove | | TS-M | OG-M | PS-M | SW-M | NI-M |
| 5 | Front piece with groove | | TS-M | OG-M | PS-M | SW-M | NI-M |
| 6 | Latch set | | TS-M | OG-M | PS-M | SW-M | TS-M |
| 7 | Cross gallery | | TS-M | OG-M | PS-M | SW-M | NI-M |
| 11 | Drawer side set interior | [1] | TS-M | OG-M | PS-M | SW-M | INGL |

[1] Sink cabinet

| Colour | |
|---|---|
| TS-M | Terra black matt |
| OG-M | Orion grey matt |
| PS-M | Polar silver matt |
| SW-M | Silk white matt |

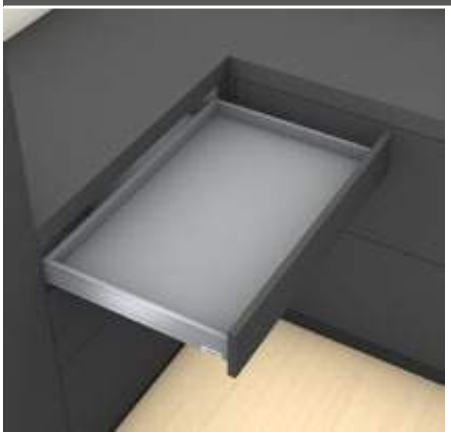
| Colour | |
|---|---|
| INGL | Stainless steel (Inox) Anti-fingerprint |
| NI | Nickel plated |
| NI-M | Matt nickel |





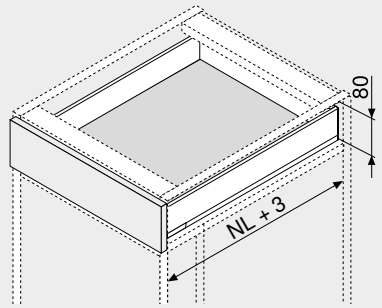

## Drawer – N

Webcode DQBMJY



- Suitable for LEGRABOX pure and LEGRABOX free
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Two-dimensional front setting in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length

### Order information

**1** Cabinet profiles left/right

BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 |
|---|---|
| 400 | 750.4001S |
| 450 | 750.4501S |
| 500 | 750.5001S |
| 550 | 750.5501S |

**2** Drawer side set

| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 400 | 770N4002S | |
| 450 | 770N4502S | 770N4502I |
| 500 | 770N5002S | 770N5002I |
| 550 | 770N5502S | |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

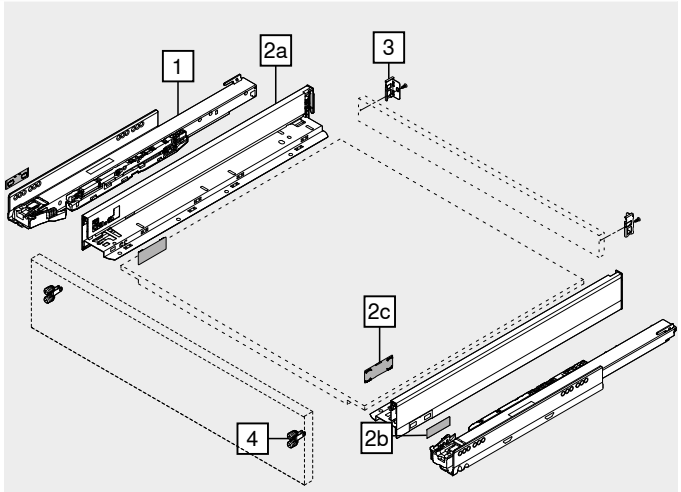
**3** Back fixing left/right

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7N000S |

**4** Front fixing bracket

| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7N7002 |
| EXPANDO | 2 x | ZF7N70E2 |
| EXPANDO T | 2 x | ZF7N70T2 |

EXPANDO T suitable for thin fronts – see page instructions




### a Accessories

**–** Chipboard screws

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

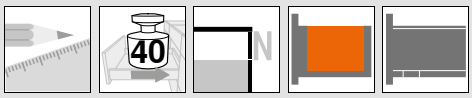
For front fixing

**–** Fixing screw

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |



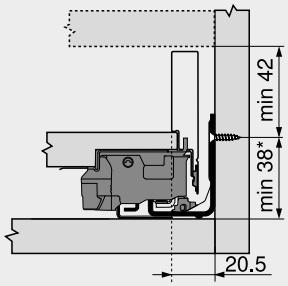



# Drawer – N

Webcode
DQBMJY

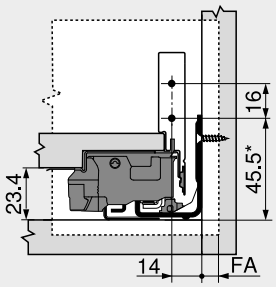
## Planning

### Space requirement in cabinet



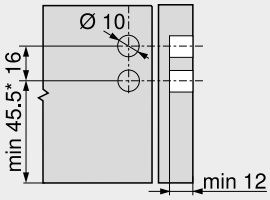

* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – front – screw-on



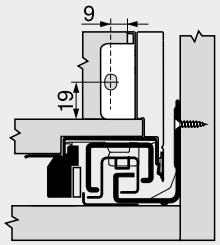

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled

### Drilling distances – front – EXPANDO front




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back



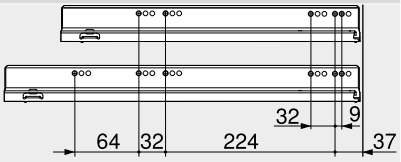

### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

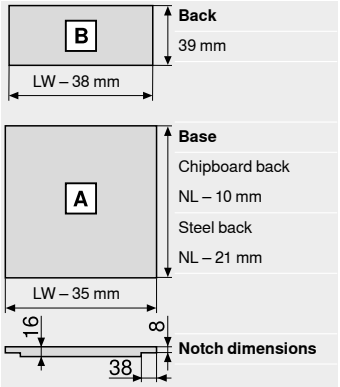
400–500

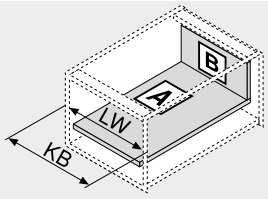
550




Internal cabinet depth LT min. = nominal length NL + 3 mm

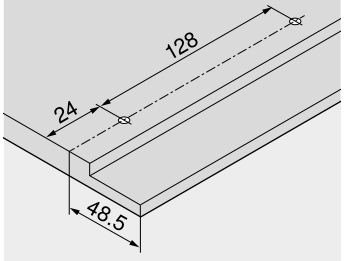
### Cutting – 16 mm chipboard



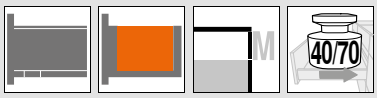

KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Drilling distances – drawer base




## Page instructions

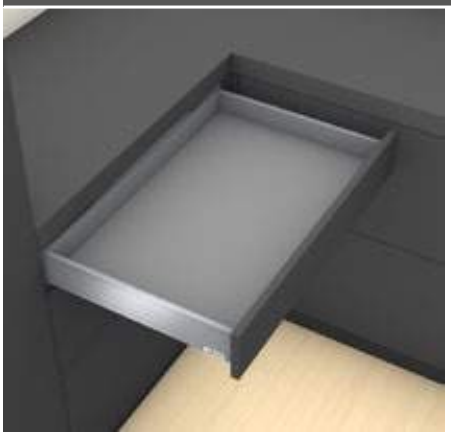

| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | CABLOXX | 586 | | |
| | | Accessories – steel back | 257 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Accessories | 257 | Short-URL | |
| | | Cabinet profile fixing positions | 261 | www.blum.com/a310 | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| | | More technical details | 686 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | | | | |





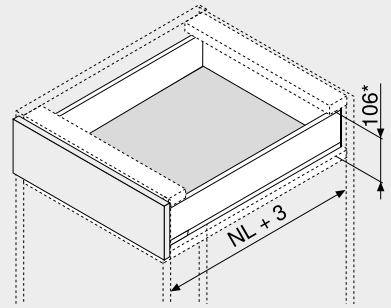

## Drawer – M

Webcode DQBN9A



- Suitable for LEGRABOX pure and LEGRABOX free
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Incl. 2 mm tilt adjustment |

### Order information

**1 Cabinet profiles left/right**

**BLUMOTION S**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 270 | 750.2701S | |
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2 Drawer side set**

| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 270 | 770M2702S | 770M2702I |
| 300 | 770M3002S | 770M3002I |
| 350 | 770M3502S | 770M3502I |
| 400 | 770M4002S | 770M4002I |
| 450 | 770M4502S | 770M4502I |
| 500 | 770M5002S | 770M5002I |
| 550 | 770M5502S | 770M5502I |
| 600 | 770M6002S | 770M6002I |
| 650 | 770M6502S | 770M6502I |

**Composed of:**

| | | |
|---|---|---|
| **2a** | 1 x | Left/right drawer sides |
| **2b** | 2 x | Customer branding |
| **2c** | 2 x | Cover caps |

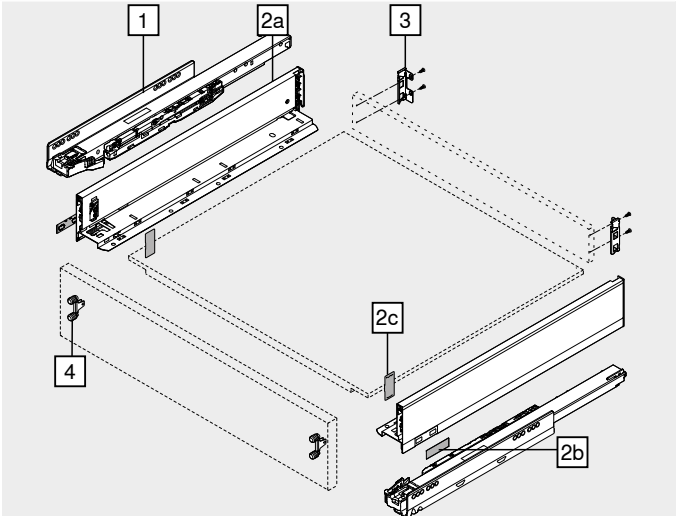
**3 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7M000S |

**4 Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7M7002 |
| EXPANDO | 2 x | ZF7M70E2 |
| EXPANDO T | 2 x | ZF7M70T2 |

EXPANDO T suitable for thin fronts – see page instructions




### a Accessories

**– Chipboard screws**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

For front fixing

**– Fixing screw**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |



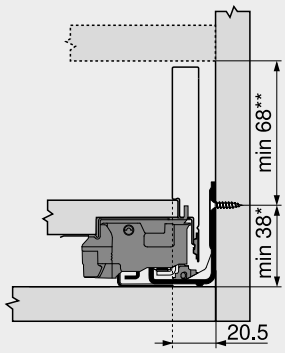



# Drawer – M

Webcode
DQBN9A

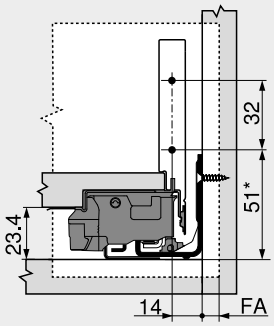
## Planning

### Space requirement in cabinet



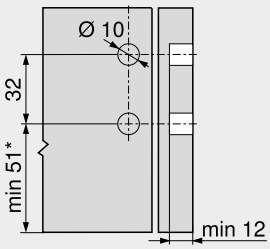

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



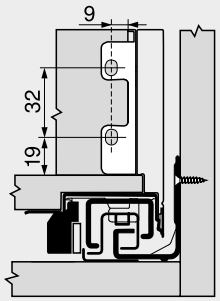

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled

### Drilling distances – front – EXPANDO front




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

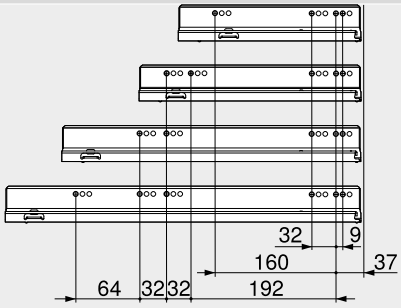



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

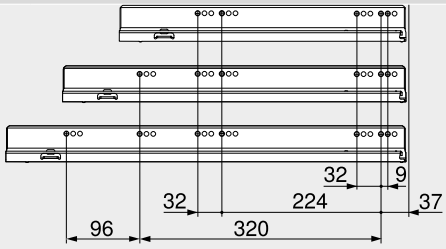
270
300–350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

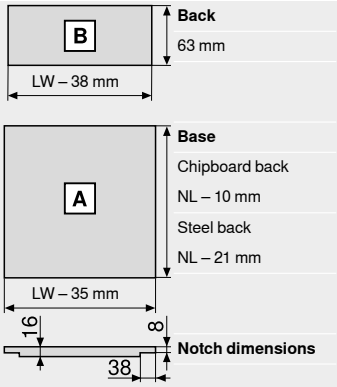
**Nominal length NL (mm)**

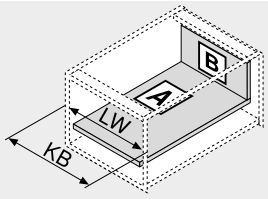
450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

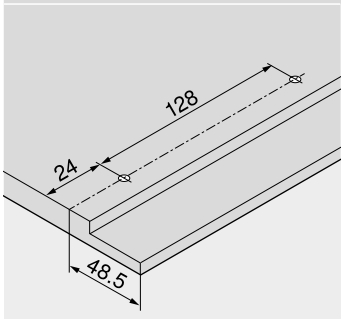
### Cutting – 16 mm chipboard



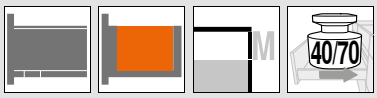

KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Drilling distances – drawer base



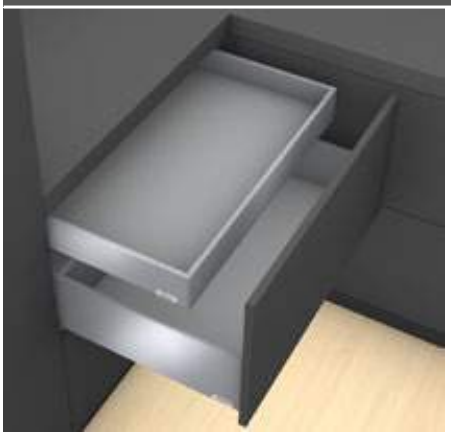

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | Overview – AMBIA-LINE for LEGRABOX | 539 | | |
| | | CABLOXX | 586 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Accessories – steel back | 257 | Short-URL | |
| | | Accessories | 257 | www.blum.com/a310 | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 261 | | |
| | | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | More technical details | 686 | | |



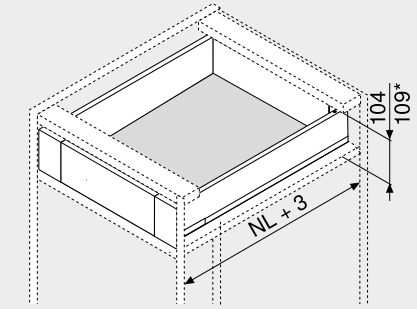

## Inner drawer – M

Webcode DQBPDA



- Suitable for LEGRABOX pure and LEGRABOX free
- Inner drawer with solid front piece
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length
* Inner drawer with latch set

### Order information

**1 Cabinet profiles left/right**



BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 270 | 750.2701S | |
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2 Drawer side set**



| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 270 | 770M2702S | 770M2702I |
| 300 | 770M3002S | 770M3002I |
| 350 | 770M3502S | 770M3502I |
| 400 | 770M4002S | 770M4002I |
| 450 | 770M4502S | 770M4502I |
| 500 | 770M5002S | 770M5002I |
| 550 | 770M5502S | 770M5502I |
| 600 | 770M6002S | 770M6002I |
| 650 | 770M6502S | 770M6502I |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

**3 Back fixing left/right**



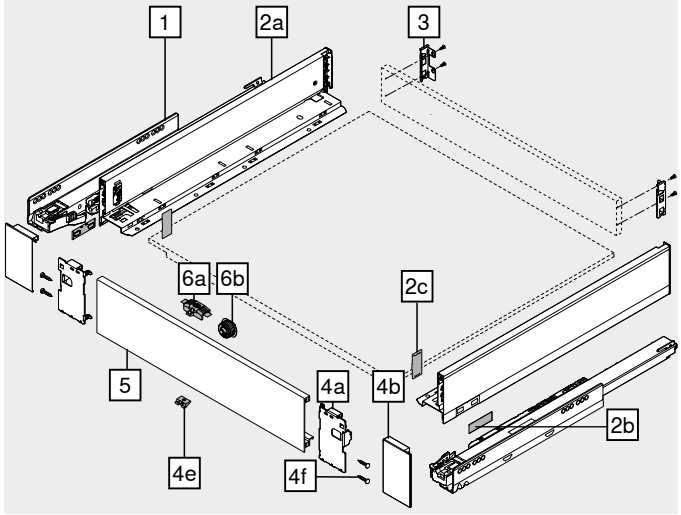
| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7M000S |

**4 Front piece set**



| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Steel | ZI7.0MS0 |
| INGL | Stainless steel | ZI7.0MI0 |

**Composed of:**
**4a** 1 x Front fixing left/right
**4b** 1 x Outer cover cap left/right
**4e** 1 x Locking piece
**4f** 4 x Screws




**5 Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1043 | ZV7.1043C01 |

Suitable for cabinet width KB 1200 mm
**Cutting** Internal cabinet width LW – 126 mm

### a Accessories

**6 Latch set**



| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Nylon | ZI7.0M07 |

**Composed of:**
**6a** 1 x Latch
**6b** 1 x Latch housing
RAL 7037 dust grey
TS-M Also for INGL

**– Fixing screw**



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| OG-M | Orion grey matt | NI | Nickel plated |
| PS-M | Polar silver matt | NI-M | Matt nickel |
| SW-M | Silk white matt | | |



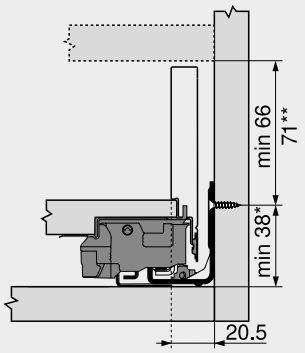



# Inner drawer – M

Webcode
DQBPDA

## Planning

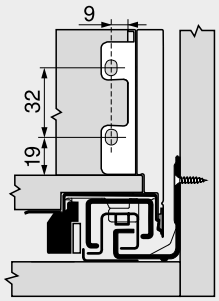
### Space requirement in cabinet



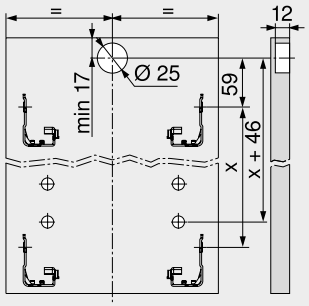

* +1 mm if cabinet profile is installed before the cabinet is assembled

** Inner drawer with latch set possible from height 71 mm

### Installation dimensions – back




### Drilling distances – front – latch housing

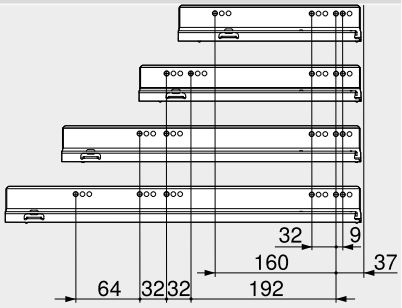



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

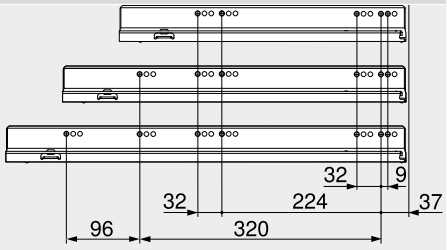
270
300–350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

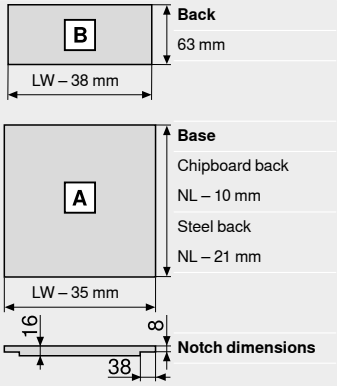
**Nominal length NL (mm)**

450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

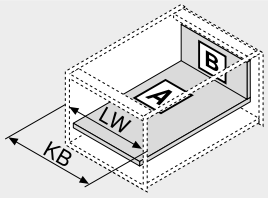
### Cutting – 16 mm chipboard




**Back**
63 mm

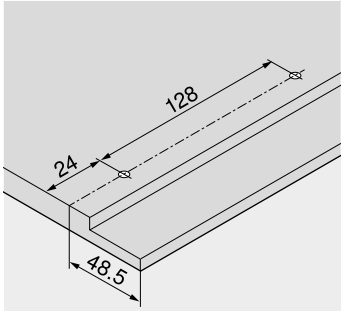
**Base**
Chipboard back
NL – 10 mm
Steel back
NL – 21 mm

**Notch dimensions**



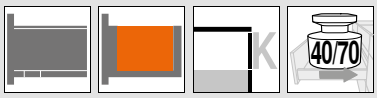

| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Drilling distances – drawer base



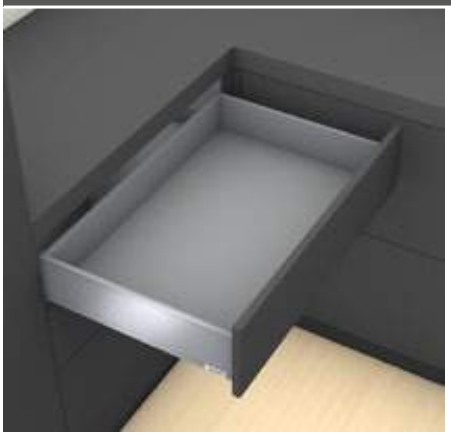

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | Accessories | 257 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 261 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | Overview – assembly devices | 595 | | |
| TIP-ON for LEGRABOX | 266 | More technical details | 686 | Short-URL | |
| Overview – AMBIA-LINE for LEGRABOX | 539 | | | www.blum.com/a310 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 257 | | | | |



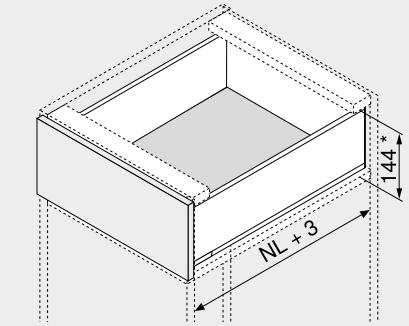

## Drawer – K

Webcode DQBNYM



- Suitable for LEGRABOX pure and LEGRABOX free
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length
* Incl. 2 mm tilt adjustment

### Order information

**1 Cabinet profiles left/right**



BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |

**2 Drawer side set**



| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 300 | 770K3002S | |
| 350 | 770K3502S | 770K3502I |
| 400 | 770K4002S | 770K4002I |
| 450 | 770K4502S | 770K4502I |
| 500 | 770K5002S | 770K5002I |
| 550 | 770K5502S | 770K5502I |
| 600 | 770K6002S | |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

**3 Back fixing left/right**



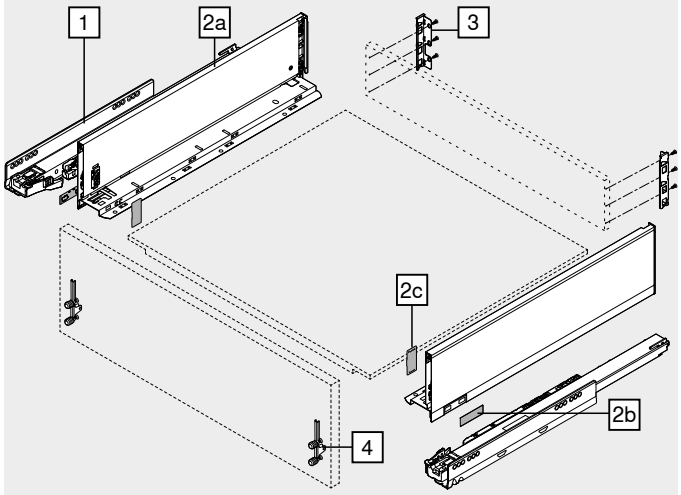
| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7K000S |

**4 Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7K7002 |
| EXPANDO | 2 x | ZF7K70E2 |
| EXPANDO T | 2 x | ZF7K70T2 |

EXPANDO T suitable for thin fronts – see page instructions




### a Accessories

**– Chipboard screws**



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

For front fixing

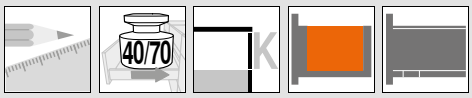
**– Fixing screw**



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |



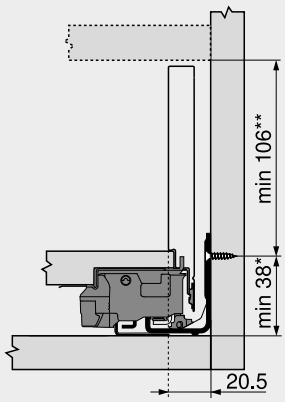



# Drawer – K

Webcode
DQBNYM

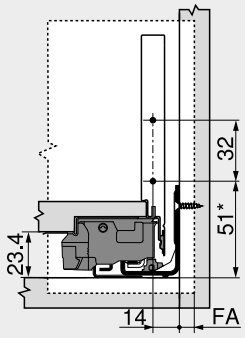
## Planning

### Space requirement in cabinet



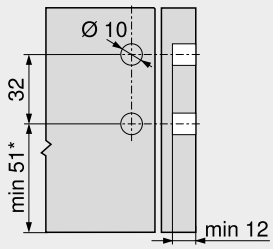

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



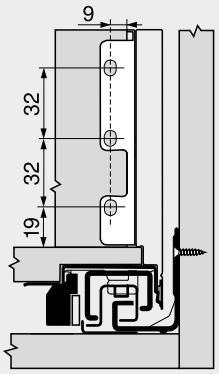

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled

### Drilling distances – front – EXPANDO front




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

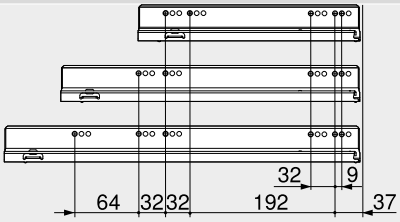



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

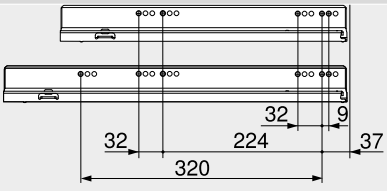
300, 350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

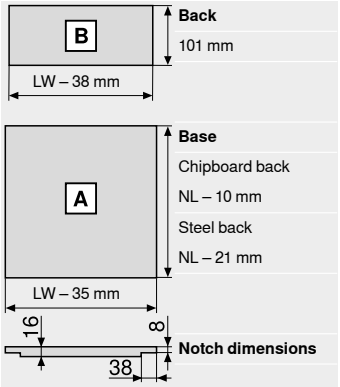
**Nominal length NL (mm)**

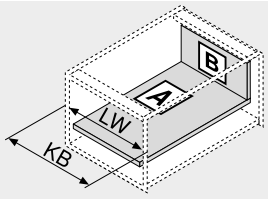
450
500–600




Internal cabinet depth LT min. = nominal length NL + 3 mm

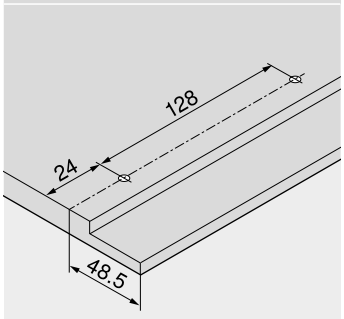
### Cutting – 16 mm chipboard



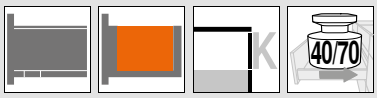

KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Drilling distances – drawer base



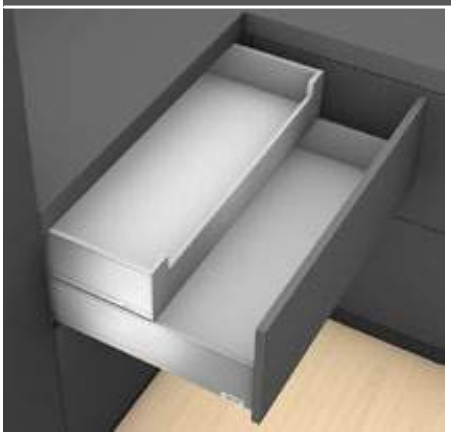

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | Overview – AMBIA-LINE for LEGRABOX | 539 | | |
| | | CABLOXX | 586 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Accessories – steel back | 257 | Short-URL | |
| | | Accessories | 257 | www.blum.com/a310 | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 261 | | |
| | | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | More technical details | 686 | | |



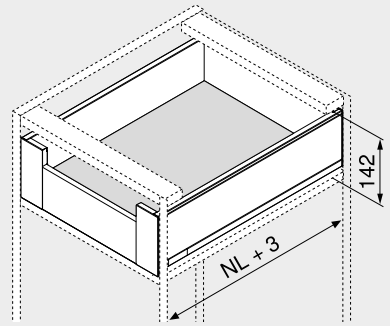

## Inner drawer – K

Webcode DQGPIM



- Suitable for LEGRABOX pure and LEGRABOX free
- Inner drawer with solid front piece
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**

BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |

**2 Drawer side set**

| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 300 | 770K3002S | |
| 350 | 770K3502S | 770K3502I |
| 400 | 770K4002S | 770K4002I |
| 450 | 770K4502S | 770K4502I |
| 500 | 770K5002S | 770K5002I |
| 550 | 770K5502S | 770K5502I |
| 600 | 770K6002S | |

**Composed of:**
- **2a** 1 x Left/right drawer sides
- **2b** 2 x Customer branding
- **2c** 2 x Cover caps

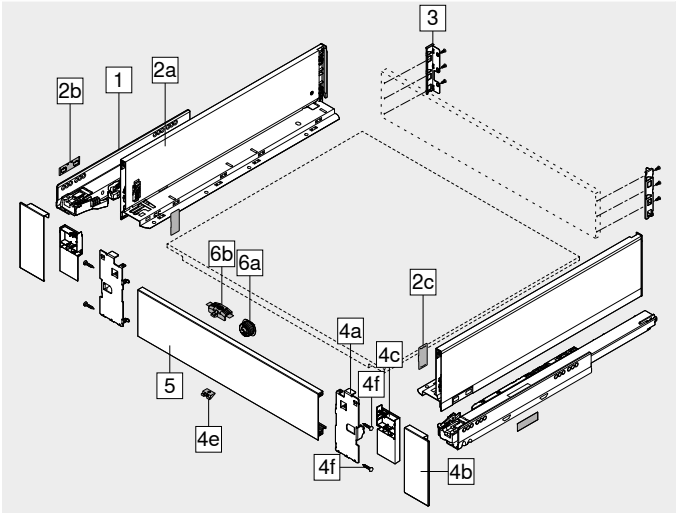
**3 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7K000S |

**4 Front piece set**

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Steel | ZI7.0KS0 |
| INGL | Stainless steel | ZI7.0KI0 |

**Composed of:**
- **4a** 1 x Front fixing left/right
- **4b** 1 x Outer cover cap left/right
- **4c** 1 x Interior cover cap left/right
- **4e** 1 x Locking piece
- **4f** 4 x Screws




**5 Front piece without groove**

| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1043 | ZV7.1043C01 |

Suitable for cabinet width KB 1200 mm

**Cutting** Internal cabinet width LW – 126 mm

### a Accessories

**6 Latch set**

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Nylon | ZI7.0M07 |

**Composed of:**
- **6a** 1 x Latch
- **6b** 1 x Latch housing RAL 7037 dust grey

TS-M Also for INGL

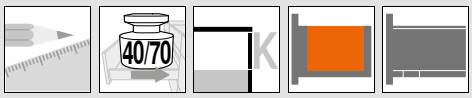
**– Fixing screw**

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases

In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| OG-M | Orion grey matt | NI | Nickel plated |
| PS-M | Polar silver matt | NI-M | Matt nickel |
| SW-M | Silk white matt | | |

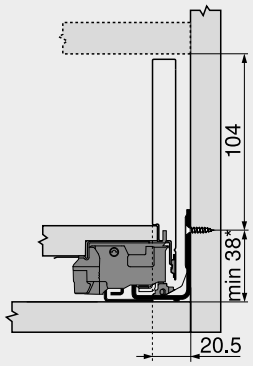



# Inner drawer – K

Webcode
DQGPIM

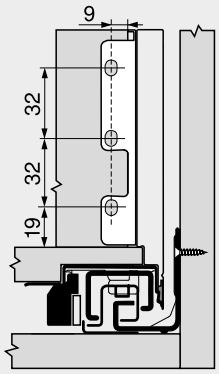
## Planning

### Space requirement in cabinet

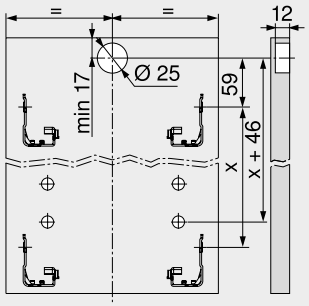



* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back




### Drilling distances – front – latch housing

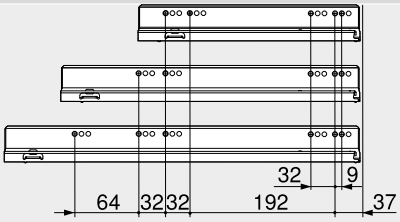



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

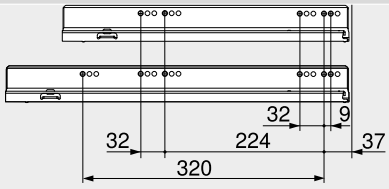
300, 350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

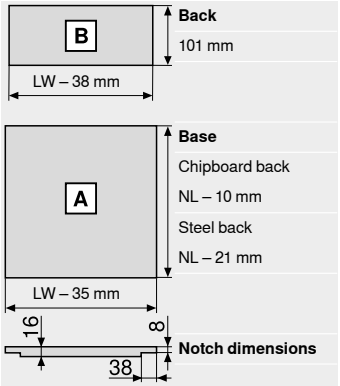
**Nominal length NL (mm)**

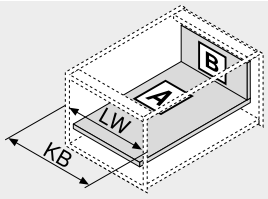
450
500–600




Internal cabinet depth LT min. = nominal length NL + 3 mm

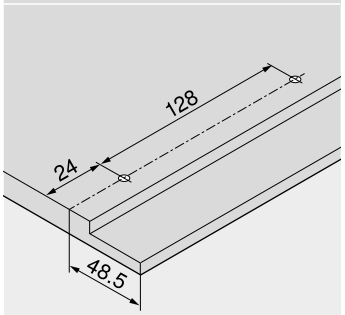
### Cutting – 16 mm chipboard



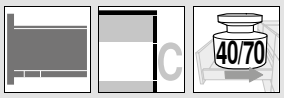

| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Drilling distances – drawer base



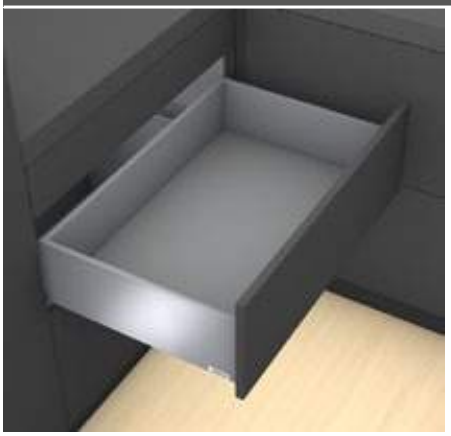

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | Accessories | 257 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 261 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | Overview – assembly devices | 595 | | |
| TIP-ON for LEGRABOX | 266 | More technical details | 686 | Short-URL | |
| Overview – AMBIA-LINE for LEGRABOX | 539 | | | www.blum.com/a310 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 257 | | | | |



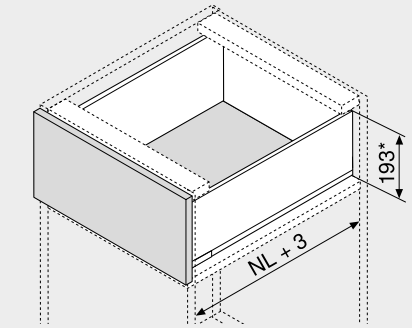

## High fronted pull-out – C

Webcode DQBQ2M



- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length
* Incl. 2 mm tilt adjustment

### Order information

**1** Cabinet profiles left/right



BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 270 | 750.2701S | |
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2** Drawer side set



| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 270 | 770C2702S | 770C2702I |
| 300 | 770C3002S | 770C3002I |
| 350 | 770C3502S | 770C3502I |
| 400 | 770C4002S | 770C4002I |
| 450 | 770C4502S | 770C4502I |
| 500 | 770C5002S | 770C5002I |
| 550 | 770C5502S | 770C5502I |
| 600 | 770C6002S | 770C6002I |
| 650 | 770C6502S | 770C6502I |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

**3** Back fixing left/right



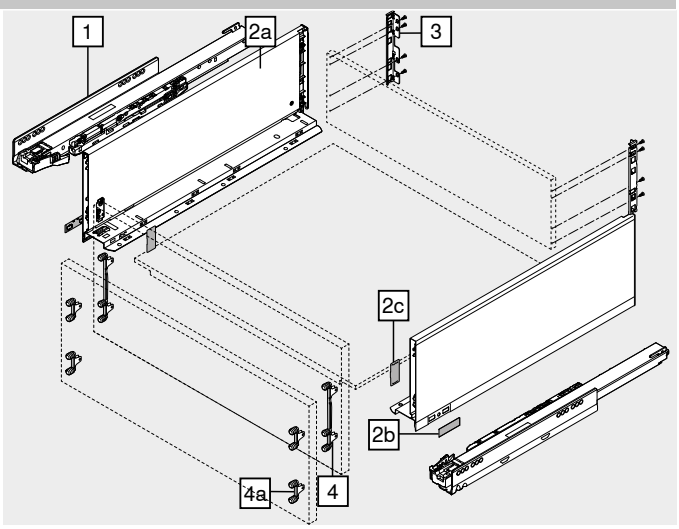
| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7C000S |

**4** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7C7002 |
| EXPANDO | 2 x | ZF7C70E2 |
| EXPANDO T | 2 x | ZF7C70T2 |

EXPANDO T suitable for thin fronts – see page instructions




**Alternative to 4**

**4a** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 4 x | ZF7M7002 |
| EXPANDO | 4 x | ZF7M70E2 |
| EXPANDO T | 4 x | ZF7M70T2 |

EXPANDO T suitable for thin fronts – see page instructions

### a Accessories

**–** Chipboard screws



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

For front fixing

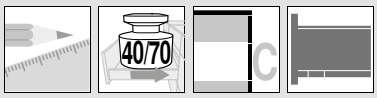
**–** Fixing screw



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |

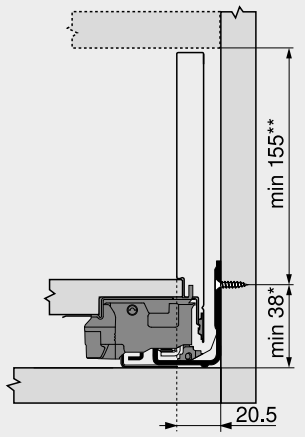



# High fronted pull-out – C

Webcode DQBQ2M

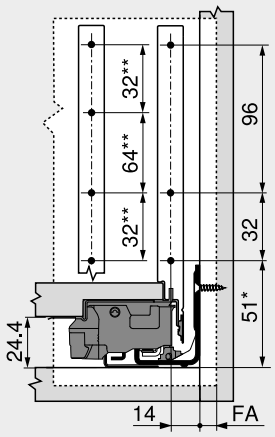
## Planning

### Space requirement in cabinet



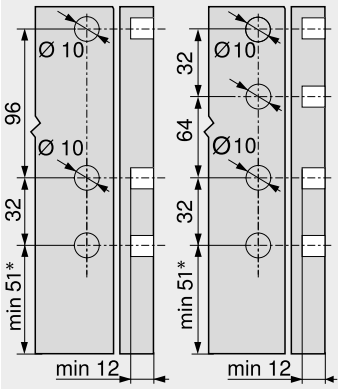

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



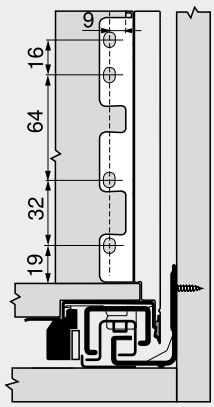

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

### Drilling distances – front – EXPANDO front




4 4a
* +1 mm if cabinet profile is installed before the cabinet is assembled

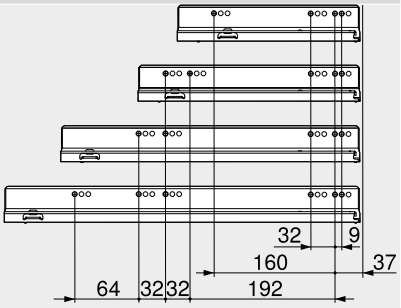
### Installation dimensions – back



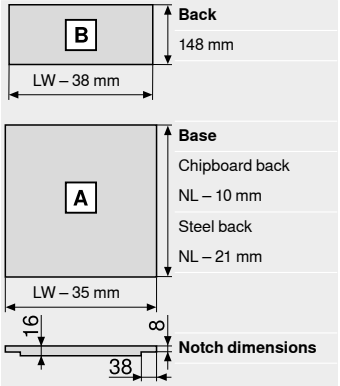

### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**
**Nominal length NL (mm)**

270
300–350
400–500
550, 600



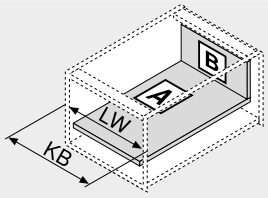

### Cutting – 16 mm chipboard




**Back**
148 mm

**Base**
Chipboard back
NL – 10 mm
Steel back
NL – 21 mm

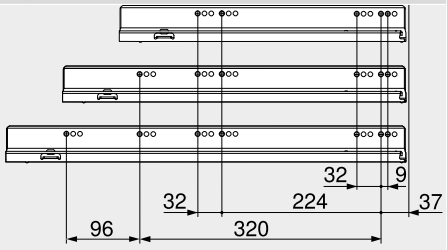
**Notch dimensions**




KB Cabinet width
LW Internal cabinet width
NL Nominal length

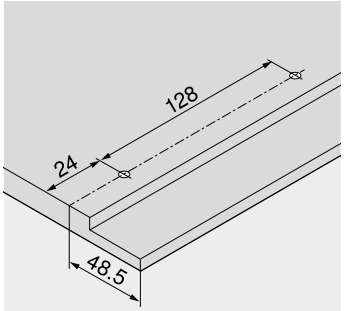
**Cabinet profile 753 – 70 kg**
**Nominal length NL (mm)**

450
500–600
650



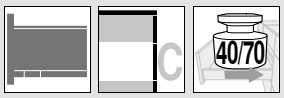

Internal cabinet depth LT min. = nominal length NL + 3 mm

### Drilling distances – drawer base




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | Overview – AMBIA-LINE for LEGRABOX | 539 | | |
| | | CABLOXX | 586 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Accessories – steel back | 257 | Short-URL | |
| | | Accessories | 257 | www.blum.com/a310 | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 261 | | |
| | | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | More technical details | 686 | | |



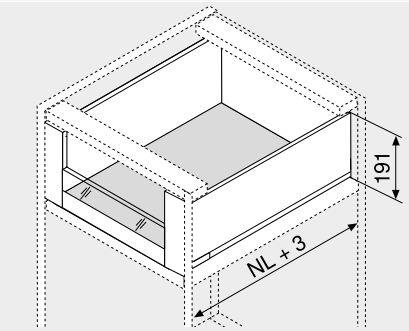

## Inner pull-out – design element – C

Webcode DQBSVY



- Inner pull-out with a high or low design element
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length

### Order information

**1** Cabinet profiles left/right



BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 270 | 750.2701S | |
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2** Drawer side set



| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 270 | 770C2702S | 770C2702I |
| 300 | 770C3002S | 770C3002I |
| 350 | 770C3502S | 770C3502I |
| 400 | 770C4002S | 770C4002I |
| 450 | 770C4502S | 770C4502I |
| 500 | 770C5002S | 770C5002I |
| 550 | 770C5502S | 770C5502I |
| 600 | 770C6002S | 770C6002I |
| 650 | 770C6502S | 770C6502I |

Composed of:
- **2a** 1 x Left/right drawer sides
- **2b** 2 x Customer branding
- **2c** 2 x Cover caps

**3** Back fixing left/right



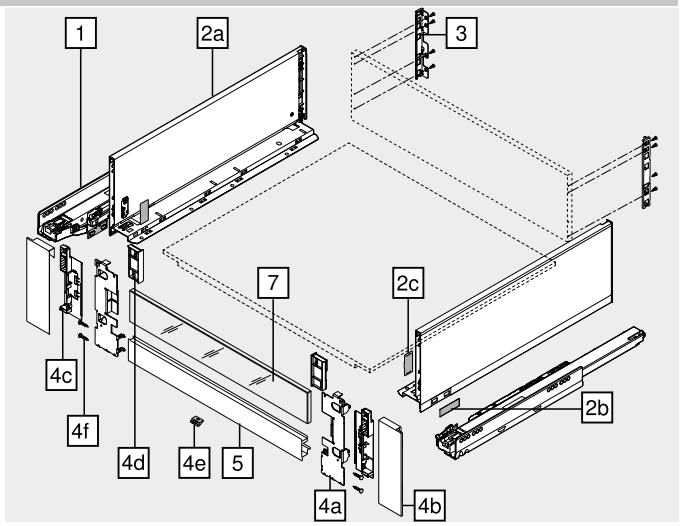
| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7C000S |

**4** Front piece set



| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Steel | ZI7.2CS0 |
| INGL | Stainless steel | ZI7.2CI0 |

Composed of:
- **4a** 1 x Front fixing left/right
- **4b** 1 x Outer cover cap left/right
- **4c** 1 x Interior cover cap left/right
- **4d** 1 x Adapter piece for low design element left/right
- **4e** 1 x Locking piece
- **4f** 4 x Screws




**5** Front piece with groove



| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1043 | ZV7.1043MN1 |

Suitable for cabinet width KB 1200 mm

Cutting: Internal cabinet width LW – 126 mm

**7** Glass design element (for inner pull-out front)



| Design | Material | Part no. |
|---|---|---|
| Low | Glass | ZE7VxxxxG |
| High | Glass | ZE7WxxxxG |

For order specification, see design element

### a Accessories

**–** Fixing screw

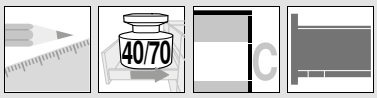


| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases

In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| OG-M | Orion grey matt | NI | Nickel plated |
| PS-M | Polar silver matt | NI-M | Matt nickel |
| SW-M | Silk white matt | | |



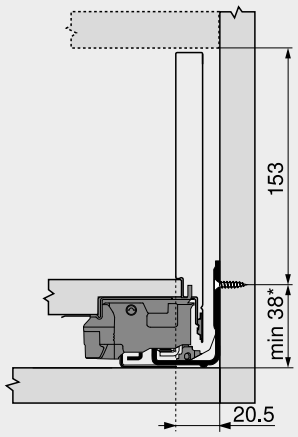



# Inner pull-out – design element – C

Webcode
DQBSVY

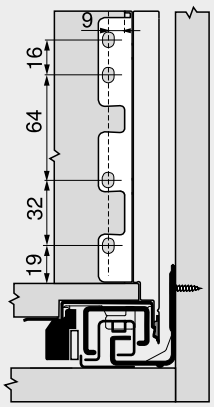
## Planning

### Space requirement in cabinet




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

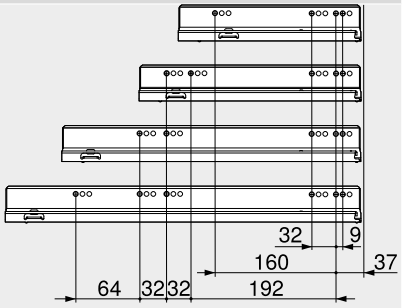



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

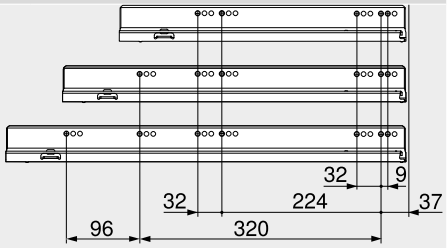
270
300–350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

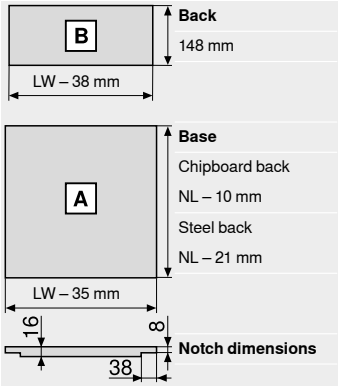
**Nominal length NL (mm)**

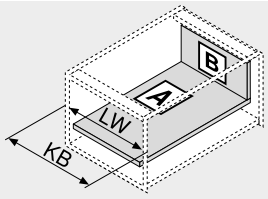
450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

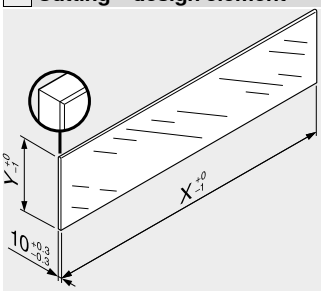
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Cutting – design element



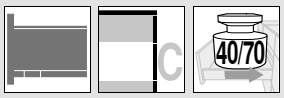

| Design element | X (mm) | Y (mm) |
|---|---|---|
| Low | LW – 80 | 70 |
| High | LW – 80 | 138 |

LW Internal cabinet width

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | Accessories – steel back | 257 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Accessories | 257 | | |
| | | Cabinet profile fixing positions | 261 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | Overview – assembly devices | 595 | Short-URL | |
| TIP-ON for LEGRABOX | 266 | More technical details | 686 | www.blum.com/a310 | |
| Overview – AMBIA-LINE for LEGRABOX | 539 | | | | |
| CABLOXX | 586 | | | | |
| Design element | 256 | | | | |



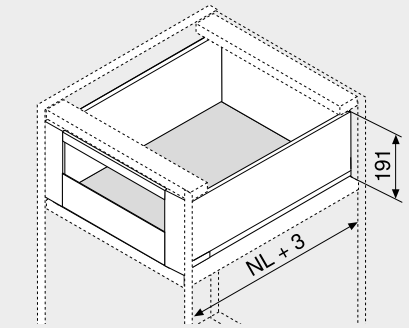

## Inner pull-out – gallery – C

Webcode DQBTLA



- Inner pull-out with gallery
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length

### Order information

**1** Cabinet profiles left/right

BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 270 | 750.2701S | |
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2** Drawer side set

| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 270 | 770C2702S | 770C2702I |
| 300 | 770C3002S | 770C3002I |
| 350 | 770C3502S | 770C3502I |
| 400 | 770C4002S | 770C4002I |
| 450 | 770C4502S | 770C4502I |
| 500 | 770C5002S | 770C5002I |
| 550 | 770C5502S | 770C5502I |
| 600 | 770C6002S | 770C6002I |
| 650 | 770C6502S | 770C6502I |

**Composed of:**

| | | |
|---|---|---|
| **2a** | 1 x | Left/right drawer sides |
| **2b** | 2 x | Customer branding |
| **2c** | 2 x | Cover caps |

**3** Back fixing left/right

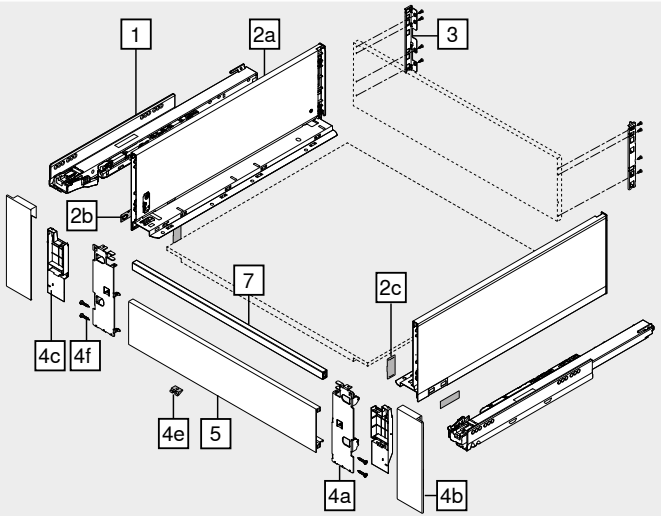
| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7C000S |

**4** Front piece set

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Steel | ZI7.3CS0 |
| INGL | Stainless steel | ZI7.3CI0 |

**Composed of:**

| | | |
|---|---|---|
| **4a** | 1 x | Front fixing left/right |
| **4b** | 1 x | Outer cover cap left/right |
| **4c** | 1 x | Interior cover cap left/right |
| **4e** | 1 x | Locking piece |
| **4f** | 4 x | Screws |




**5** Front piece without groove

| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1043 | ZV7.1043C01 |

Suitable for cabinet width KB 1200 mm

**Cutting** Internal cabinet width LW – 126 mm

**7** Cross gallery

| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1080 | ZR7.1080U |

Suitable for cabinet width KB 1200 mm

**Cutting** Internal cabinet width LW – 90 mm

### a Accessories

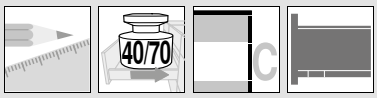
**–** Fixing screw

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases

In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| OG-M | Orion grey matt | NI | Nickel plated |
| PS-M | Polar silver matt | NI-M | Matt nickel |
| SW-M | Silk white matt | | |



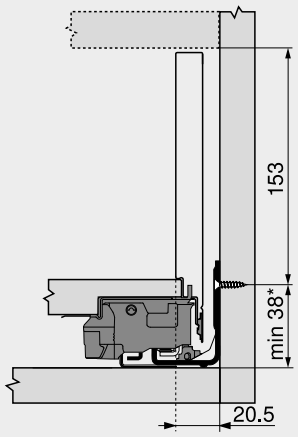



# Inner pull-out – gallery – C

Webcode
DQBTLA

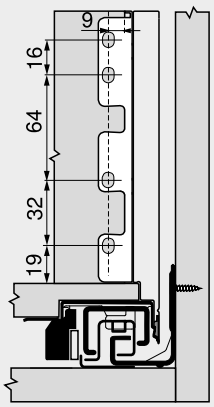
## Planning

### Space requirement in cabinet




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

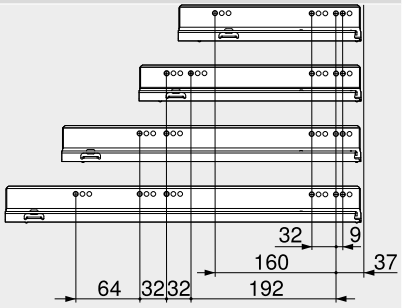



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

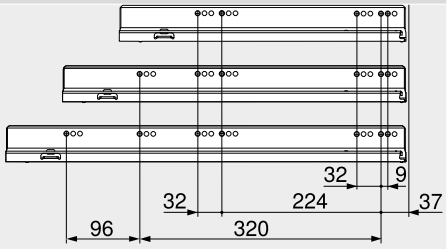
270
300–350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

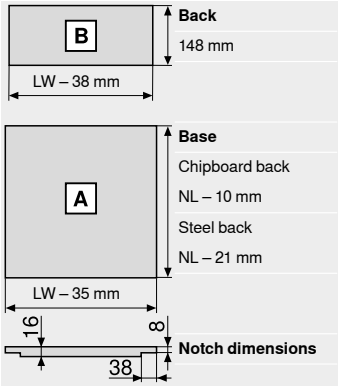
**Nominal length NL (mm)**

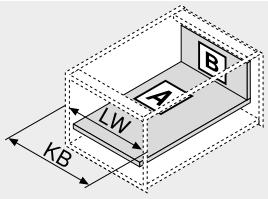
450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

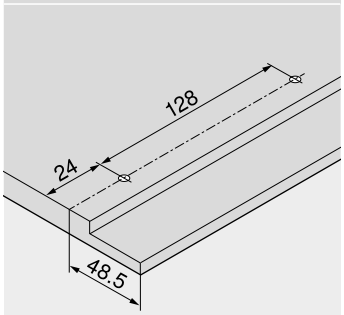
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Drilling distances – drawer base




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | Accessories | 257 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 261 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | Overview – assembly devices | 595 | | |
| TIP-ON for LEGRABOX | 266 | More technical details | 686 | Short-URL | |
| Overview – AMBIA-LINE for LEGRABOX | 539 | | | www.blum.com/a310 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 257 | | | | |



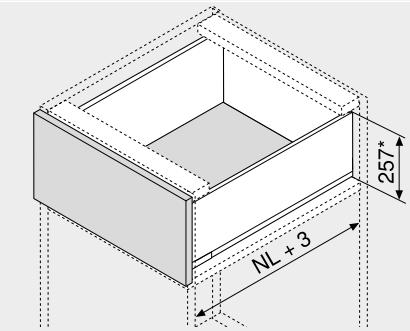

## High fronted pull-out – F

Webcode DQBRHA



- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length
* Incl. 2 mm tilt adjustment

### Order information

**1** Cabinet profiles left/right



BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2** Drawer side set



| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 400 | 770F4002S | 770F4002I |
| 450 | 770F4502S | 770F4502I |
| 500 | 770F5002S | 770F5002I |
| 550 | 770F5502S | 770F5502I |
| 600 | 770F6002S | 770F6002I |
| 650 | 770F6502S | 770F6502I |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

**3** Back fixing left/right



| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7F000S |

**4** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7M7002 |
| EXPANDO | 2 x | ZF7M70E2 |
| EXPANDO T | 2 x | ZF7M70T2 |

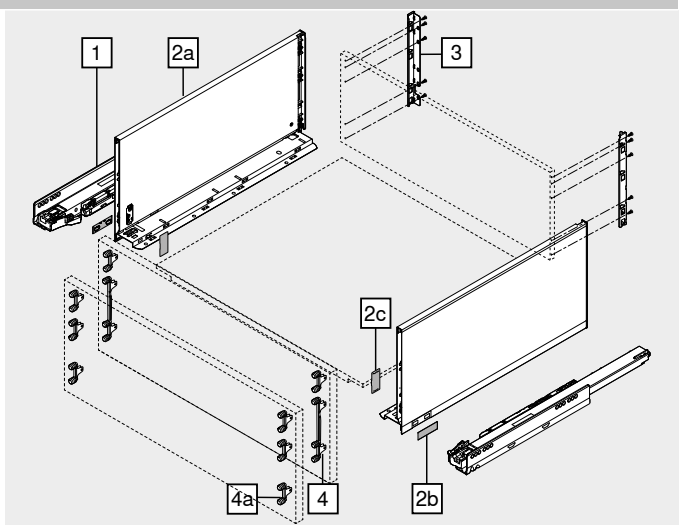
EXPANDO T suitable for thin fronts – see page instructions

**4** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7C7002 |
| EXPANDO | 2 x | ZF7C70E2 |
| EXPANDO T | 2 x | ZF7C70T2 |

EXPANDO T suitable for thin fronts – see page instructions




**Alternative to 4**

**4a** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 6 x | ZF7M7002 |
| EXPANDO | 6 x | ZF7M70E2 |
| EXPANDO T | 6 x | ZF7M70T2 |

EXPANDO T suitable for thin fronts – see page instructions

### a Accessories

**–** Chipboard screws



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

For front fixing

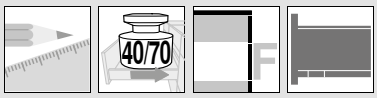
**–** Fixing screw



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |

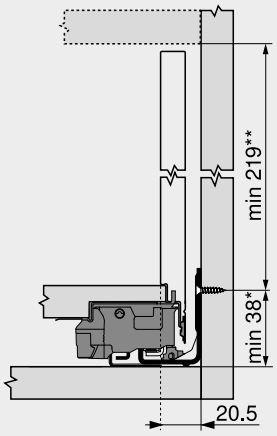



# High fronted pull-out – F

Webcode
DQBRHA

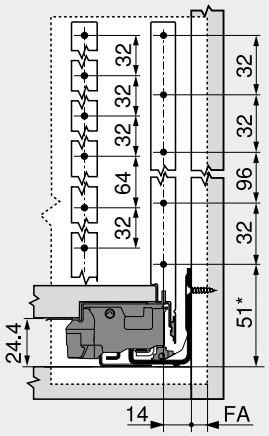
## Planning

### Space requirement in cabinet



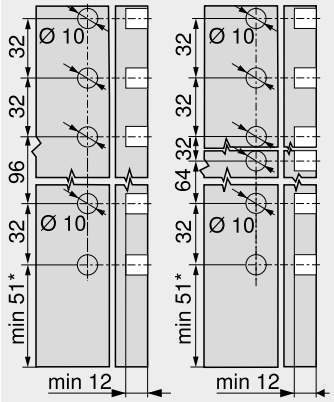

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



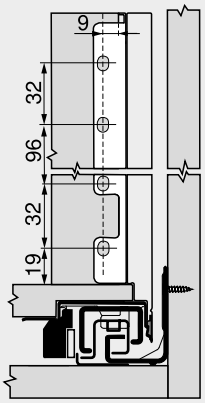

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled

### Drilling distances – front – EXPANDO front




4 4a
* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

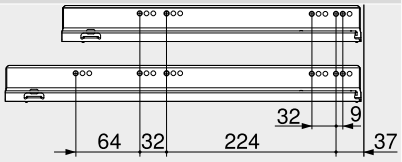



### Screw position – cabinet profiles

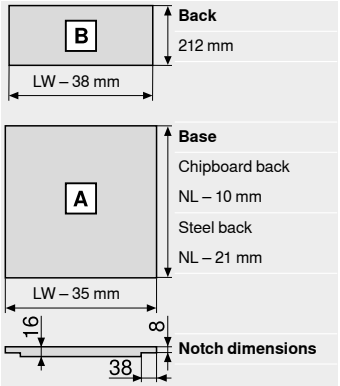
**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

400–500
550, 600



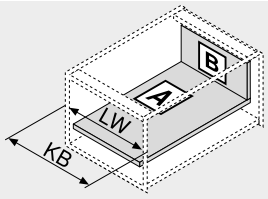

### Cutting – 16 mm chipboard




**Back**
212 mm

**Base**
Chipboard back
NL – 10 mm
Steel back
NL – 21 mm

**Notch dimensions**

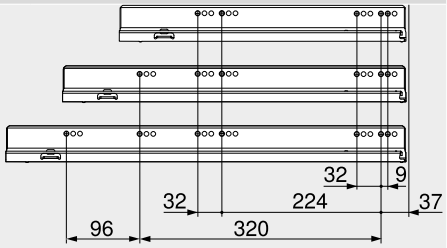



KB Cabinet width
LW Internal cabinet width
NL Nominal length

**Cabinet profile 753 – 70 kg**

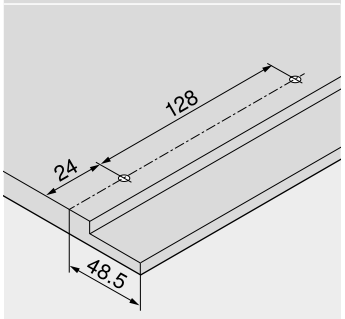
**Nominal length NL (mm)**

450
500–600
650



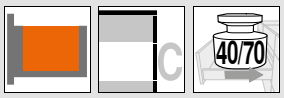

Internal cabinet depth LT min. = nominal length NL + 3 mm

### Drilling distances – drawer base




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | Overview – AMBIA-LINE for LEGRABOX | 539 | | |
| | | CABLOXX | 586 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Accessories – steel back | 257 | Short-URL | |
| | | Accessories | 257 | www.blum.com/a310 | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 261 | | |
| | | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | More technical details | 686 | | |



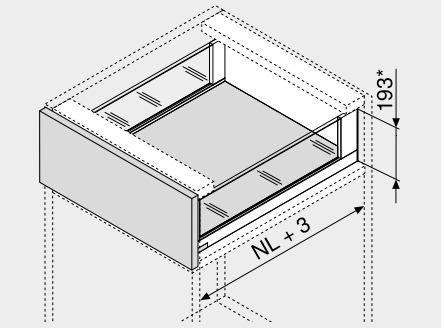

## High fronted pull-out – C

Webcode DQBQRY



- Large side design element
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Incl. 2 mm tilt adjustment |

### Order information

**1** Cabinet profiles left/right

BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2** Drawer side set

| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 350 | 780C3502S | 780C3502I |
| 400 | 780C4002S | 780C4002I |
| 450 | 780C4502S | 780C4502I |
| 500 | 780C5002S | 780C5002I |
| 550 | 780C5502S | 780C5502I |
| 600 | 780C6002S | 780C6002I |
| 650 | 780C6502S | 780C6502I |

**Composed of:**

| | |
|---|---|
| 2a | 1 x Left/right drawer sides |
| 2b | 2 x Customer branding |
| 2d | 2 x BOXCOVER front |
| 2e | 2 x BOXCOVER back |

**3** Back fixing left/right

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7C000S |

**4** Front fixing bracket

| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7C7002 |
| EXPANDO | 2 x | ZF7C70E2 |
| EXPANDO T | 2 x | ZF7C70T2 |

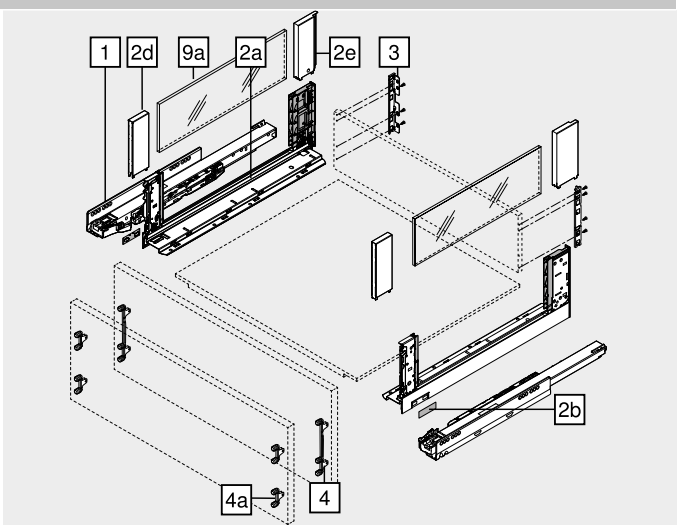
EXPANDO T suitable for thin fronts – see page instructions

**Alternative to 4**

**4a** Front fixing bracket

| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 4 x | ZF7M7002 |
| EXPANDO | 4 x | ZF7M70E2 |
| EXPANDO T | 4 x | ZF7M70T2 |

EXPANDO T suitable for thin fronts – see page instructions




**9a** Glass design element (side)

| Material | Part no. |
|---|---|
| Glass | ZE7Sxx8G |

For order specification, see design element

### a Accessories

**–** Chipboard screws

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

For front fixing

**–** Fixing screw

| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases

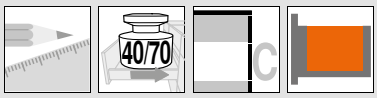
In order to achieve optimal assembly, we recommend that you use flat headed screws

**–** Transportation lock – design element (side)

| Colour | Material | Part no. |
|---|---|---|
| Yellow | Nylon | 780C0009 |

For transporting pre-assembled design element (side)

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |

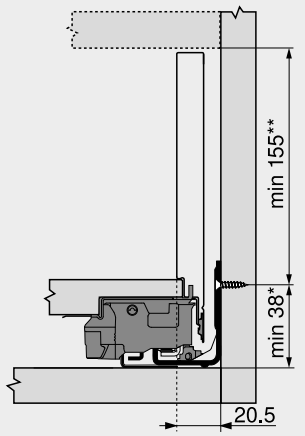



# High fronted pull-out – C

Webcode DQBQRY

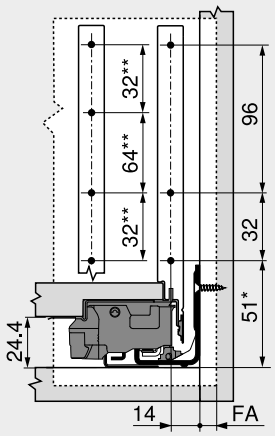
## Planning

### Space requirement in cabinet



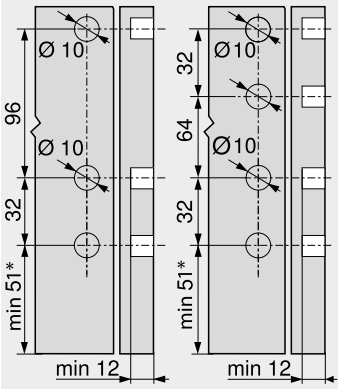

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



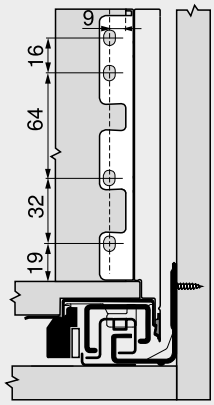

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

### Drilling distances – front – EXPANDO front




4 4a
* +1 mm if cabinet profile is installed before the cabinet is assembled

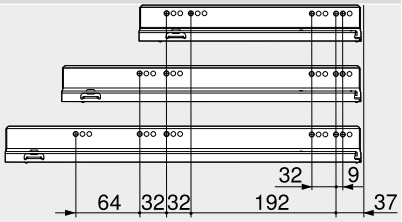
### Installation dimensions – back




### Screw position – cabinet profiles

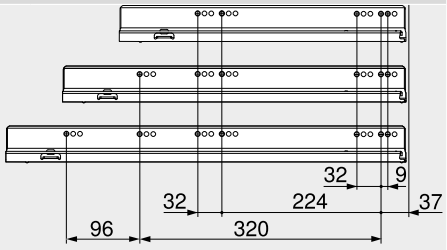
**Cabinet profile 750 – 40 kg**
**Nominal length NL (mm)**

350
400–500
550, 600



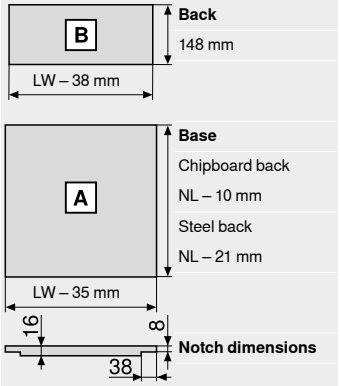

**Cabinet profile 753 – 70 kg**
**Nominal length NL (mm)**

450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

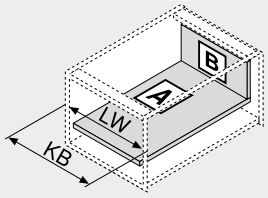
### Cutting – 16 mm chipboard




**Back**
148 mm

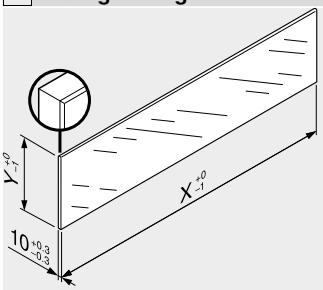
**Base**
Chipboard back
NL – 10 mm
Steel back
NL – 21 mm

**Notch dimensions**




KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Cutting – design element



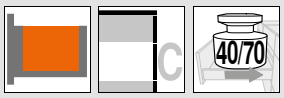

| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 112 | 138 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | Drilling distances – drawer base | 232 |
| Fixing system for thin fronts – EXPANDO T | 588 | Overview – AMBIA-LINE for LEGRABOX | 539 | Cabinet profile fixing positions | 261 |
| | | Design element | 256 | Overview – assembly devices | 595 |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | CABLOXX | 586 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Accessories – transportation lock – design element (side) | 257 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | Accessories – steel back | 257 | Short-URL | |
| | | Accessories | 257 | www.blum.com/a310 | |



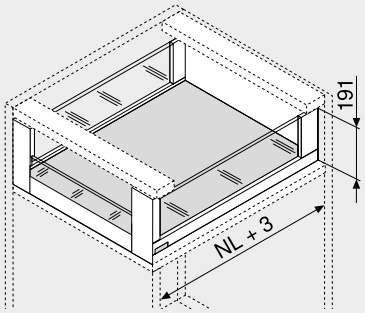

## Inner pull-out – design element – C

Webcode DQBUAM



- Large side design element
- Inner pull-out with a high or low design element
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length

### Order information

**1** Cabinet profiles left/right

BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2** Drawer side set

| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 350 | 780C3502S | 780C3502I |
| 400 | 780C4002S | 780C4002I |
| 450 | 780C4502S | 780C4502I |
| 500 | 780C5002S | 780C5002I |
| 550 | 780C5502S | 780C5502I |
| 600 | 780C6002S | 780C6002I |
| 650 | 780C6502S | 780C6502I |

Composed of:
- **2a** 1 x Left/right drawer sides
- **2b** 2 x Customer branding
- **2d** 2 x BOXCOVER front
- **2e** 2 x BOXCOVER back

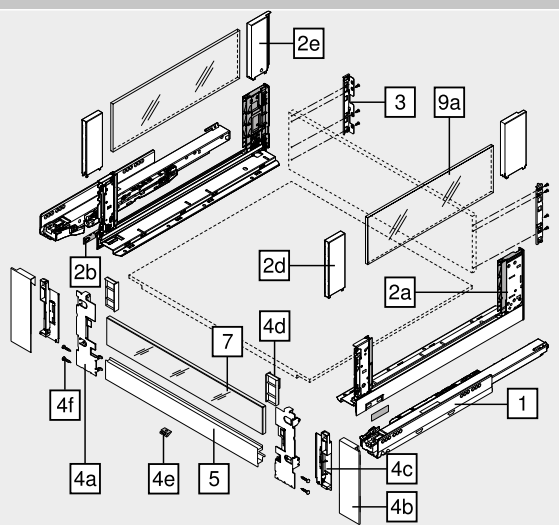
**3** Back fixing left/right

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7C000S |

**4** Front piece set

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Steel | ZI7.2CS0 |
| INGL | Stainless steel | ZI7.2CI0 |

Composed of:
- **4a** 1 x Front fixing left/right
- **4b** 1 x Outer cover cap left/right
- **4c** 1 x Interior cover cap left/right
- **4d** 1 x Adapter piece for low design element left/right
- **4e** 1 x Locking piece
- **4f** 4 x Screws




**5** Front piece with groove

| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1043 | ZV7.1043MN1 |

Suitable for cabinet width KB 1200 mm
Cutting: Internal cabinet width LW – 126 mm

**7** Glass design element (for inner pull-out front)

| Design | Material | Part no. |
|---|---|---|
| Low | Glass | ZE7VxxxxG |
| High | Glass | ZE7WxxxxG |

For order specification, see design element

**9a** Glass design element (side)

| Material | Part no. |
|---|---|
| Glass | ZE7Sxx8G |

For order specification, see design element

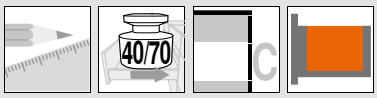
### a Accessories

**–** Transportation lock – design element (side)

| Colour | Material | Part no. |
|---|---|---|
| Yellow | Nylon | 780C0009 |

For transporting pre-assembled design element (side)

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| OG-M | Orion grey matt | NI | Nickel plated |
| PS-M | Polar silver matt | NI-M | Matt nickel |
| SW-M | Silk white matt | | |



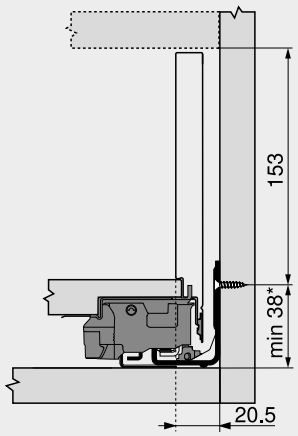



# Inner pull-out – design element – C

Webcode DQBUAM

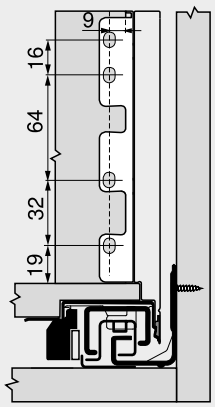
## Planning

### Space requirement in cabinet




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

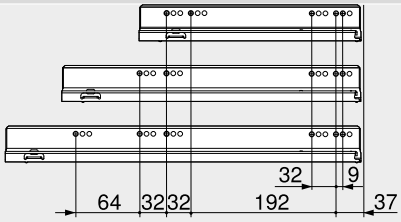



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

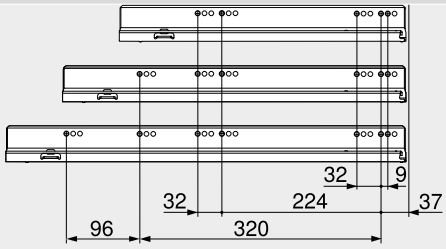
350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

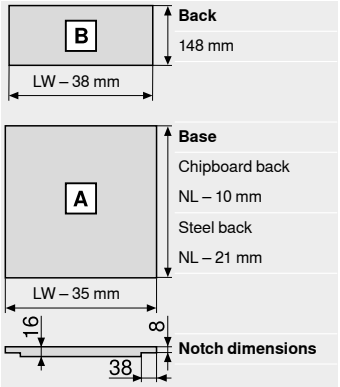
**Nominal length NL (mm)**

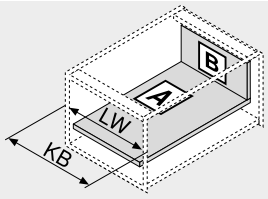
450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

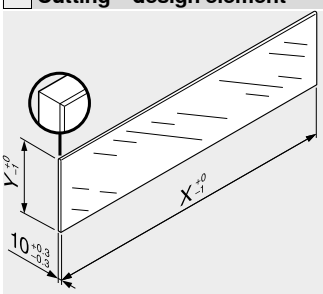
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Cutting – design element



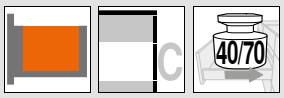

| Design element | X (mm) | Y (mm) |
|---|---|---|
| Low | LW – 80 | 70 |
| High | LW – 80 | 138 |
| Side | NL – 112 | 138 |

LW Internal cabinet width
NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | Accessories – transportation lock – design element (side) | 257 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Accessories – steel back | 257 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | Accessories | 257 | Short-URL | |
| TIP-ON for LEGRABOX | 266 | Drilling distances – drawer base | 232 | www.blum.com/a310 | |
| Overview – AMBIA-LINE for LEGRABOX | 539 | Cabinet profile fixing positions | 261 | | |
| CABLOXX | 586 | Overview – assembly devices | 595 | | |
| Design element | 256 | More technical details | 686 | | |



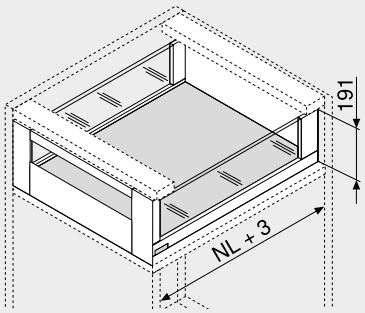

## Inner pull-out – gallery – C

Webcode DQBUZY



- Large side design element
- Inner pull-out with gallery
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**

**BLUMOTION S**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2 Drawer side set**

| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 350 | 780C3502S | 780C3502I |
| 400 | 780C4002S | 780C4002I |
| 450 | 780C4502S | 780C4502I |
| 500 | 780C5002S | 780C5002I |
| 550 | 780C5502S | 780C5502I |
| 600 | 780C6002S | 780C6002I |
| 650 | 780C6502S | 780C6502I |

**Composed of:**

| | |
|---|---|
| 2a | 1 x Left/right drawer sides |
| 2b | 2 x Customer branding |
| 2d | 2 x BOXCOVER front |
| 2e | 2 x BOXCOVER back |

**3 Back fixing left/right**

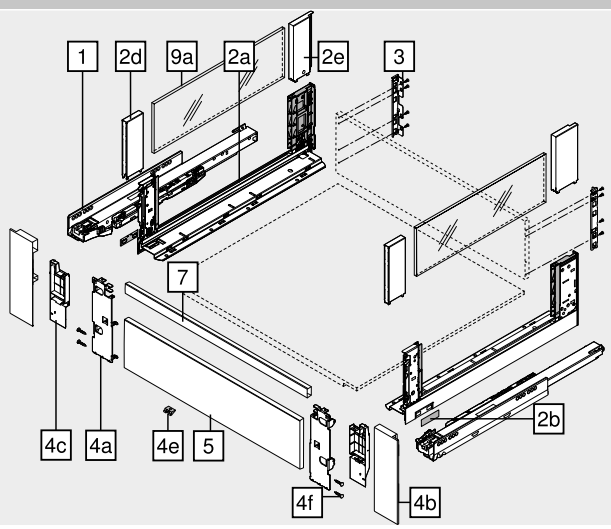
| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | ZB7C000S |

**4 Front piece set**

| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Steel | ZI7.3CS0 |
| INGL | Stainless steel | ZI7.3CI0 |

**Composed of:**

| | |
|---|---|
| 4a | 1 x Front fixing left/right |
| 4b | 1 x Outer cover cap left/right |
| 4c | 1 x Interior cover cap left/right |
| 4e | 1 x Locking piece |
| 4f | 4 x Screws |




**5 Front piece without groove**

| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1043 | ZV7.1043C01 |

Suitable for cabinet width KB 1200 mm
Cutting: Internal cabinet width LW – 126 mm

**7 Cross gallery**

| Colour | Length (mm) | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI-M | 1080 | ZR7.1080U |

Suitable for cabinet width KB 1200 mm
Cutting: Internal cabinet width LW – 90 mm

**9a Glass design element (side)**

| Material | Part no. |
|---|---|
| Glass | ZE7Sxx8G |

For order specification, see design element

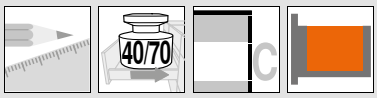
**a Accessories**

**– Transportation lock – design element (side)**

| Colour | Material | Part no. |
|---|---|---|
| Yellow | Nylon | 780C0009 |

For transporting pre-assembled design element (side)

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| OG-M | Orion grey matt | NI | Nickel plated |
| PS-M | Polar silver matt | NI-M | Matt nickel |
| SW-M | Silk white matt | | |

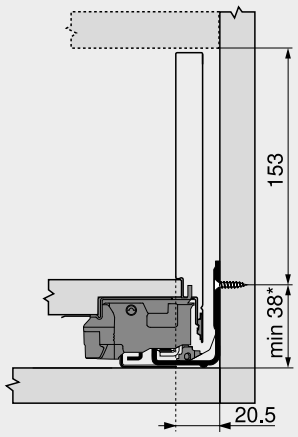



# Inner pull-out – gallery – C

Webcode
DQBUZY

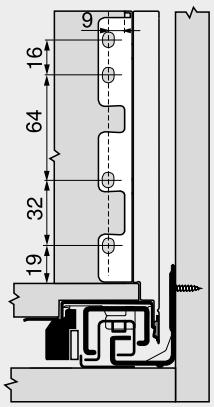
## Planning

### Space requirement in cabinet




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

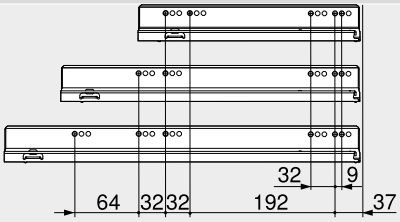



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

**Nominal length NL (mm)**

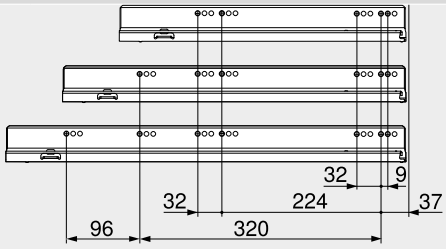
350
400–500
550, 600




**Cabinet profile 753 – 70 kg**

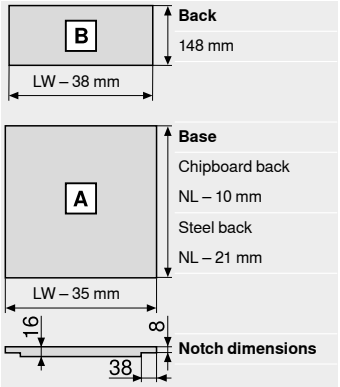
**Nominal length NL (mm)**

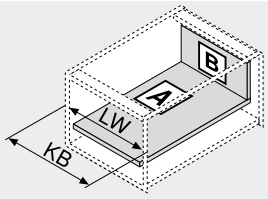
450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

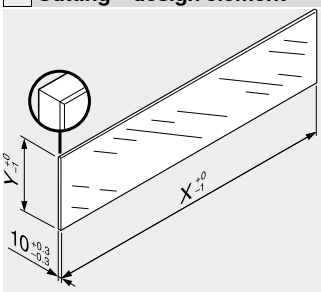
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Cutting – design element



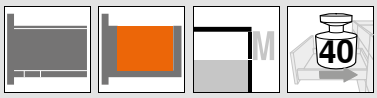

| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 112 | 138 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions

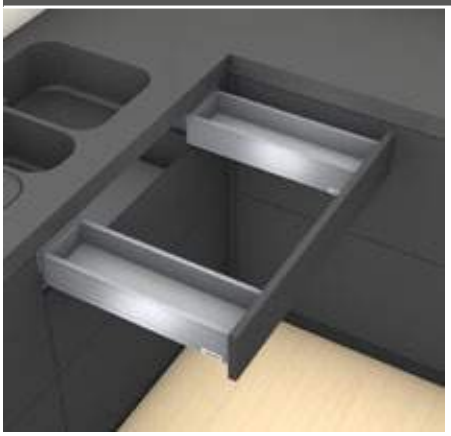

| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | Accessories – transportation lock – design element (side) | 257 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Accessories – steel back | 257 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | Accessories | 257 | Short-URL | |
| TIP-ON for LEGRABOX | 266 | Drilling distances – drawer base | 232 | www.blum.com/a310 | |
| Overview – AMBIA-LINE for LEGRABOX | 539 | Cabinet profile fixing positions | 261 | | |
| CABLOXX | 586 | Overview – assembly devices | 595 | | |
| Design element | 256 | More technical details | 686 | | |





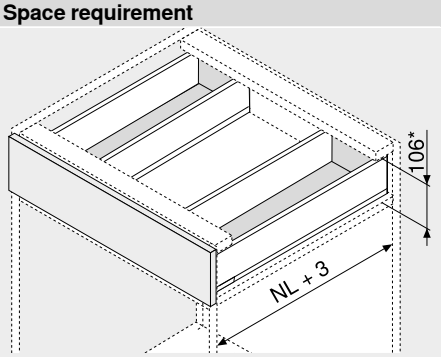

## Drawer – M

Webcode DQBONY



- Suitable for LEGRABOX pure and LEGRABOX free
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length
* Incl. 2 mm tilt adjustment

### Order information

**1 Cabinet profiles left/right**



**BLUMOTION S**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 |
|---|---|
| 350 | 750.3501S |
| 400 | 750.4001S |
| 450 | 750.4501S |
| 500 | 750.5001S |
| 550 | 750.5501S |
| 600 | 750.6001S |

**2 Drawer side set**



| Nominal length NL (mm) | | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|---|
| 350 | 2 x | 770M3502S | 770M3502I |
| 400 | 2 x | 770M4002S | 770M4002I |
| 450 | 2 x | 770M4502S | 770M4502I |
| 500 | 2 x | 770M5002S | 770M5002I |
| 550 | 2 x | 770M5502S | 770M5502I |
| 600 | 2 x | 770M6002S | 770M6002I |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

**3 Back fixing left/right**



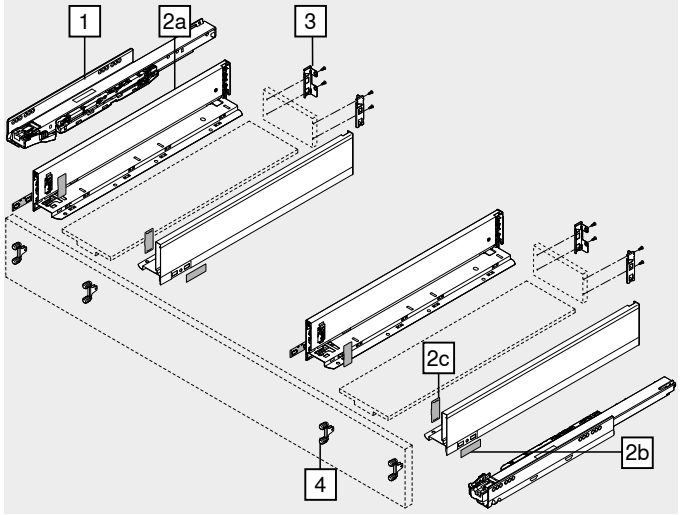
| Colour | | Material | | Part no. |
|---|---|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | | Steel | 2 x | ZB7M000S |

**4 Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 4 x | ZF7M7002 |
| EXPANDO | 4 x | ZF7M70E2 |
| EXPANDO T | 4 x | ZF7M70T2 |

EXPANDO T suitable for thin fronts – see page instructions




### a Accessories

**– Chipboard screws**



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

For front fixing

**– Fixing screw**



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |

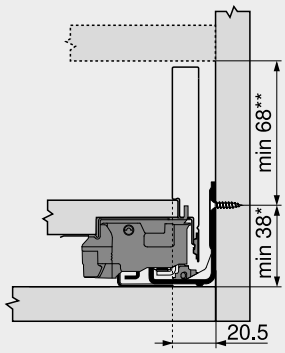


# Drawer – M

Webcode
DQBONY

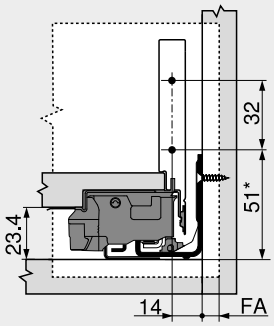
## Planning

### Space requirement in cabinet



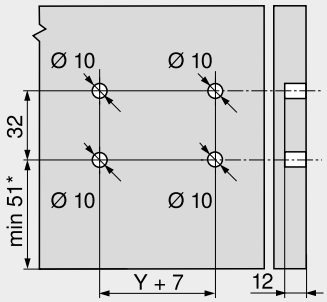

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



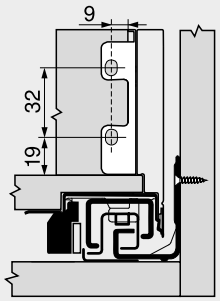

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled

### Drilling distances – front – EXPANDO front




* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – back

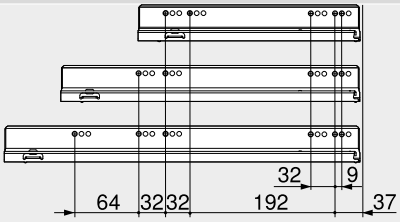



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

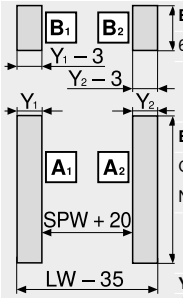
**Nominal length NL (mm)**

350
400–500
550, 600




Internal cabinet depth LT min. = nominal length NL + 3 mm

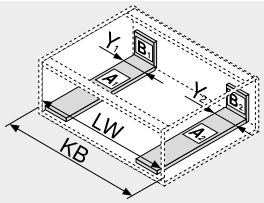
### Cutting – 16 mm chipboard




**Back**
63 mm

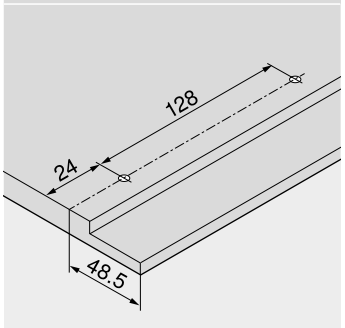
**Base**
Chipboard back
NL – 10 mm

**Y min. (mm)**
115
**Y max. (mm)**
155



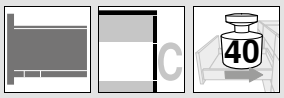

| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |
| SPW | Internal width between sink drawer sides |

### Drilling distances – drawer base



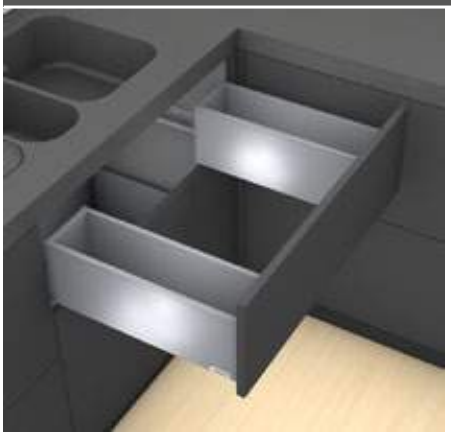

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Fixing system for thin fronts – EXPANDO T | 588 | Overview – AMBIA-LINE for LEGRABOX | 539 | | |
| | | CABLOXX | 586 | | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Accessories | 257 | **Short-URL** | |
| | | Cabinet profile fixing positions | 261 | **www.blum.com/a310** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| | | More technical details | 686 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | | | | |



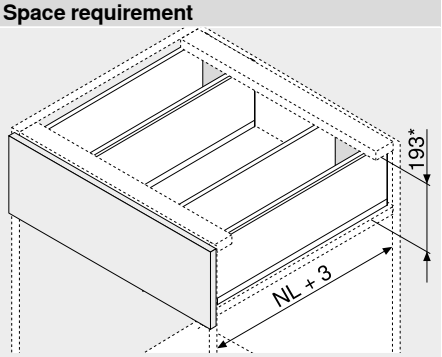

## High fronted pull-out – C

Webcode DQBS6M



- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length
* Incl. 2 mm tilt adjustment

### Order information

**1 Cabinet profiles left/right**



**BLUMOTION S**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 |
|---|---|
| 350 | 750.3501S |
| 400 | 750.4001S |
| 450 | 750.4501S |
| 500 | 750.5001S |
| 550 | 750.5501S |
| 600 | 750.6001S |

**2 Drawer side set**



| Nominal length NL (mm) | | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|---|
| 350 | 2 x | 770C3502S | 770C3502I |
| 400 | 2 x | 770C4002S | 770C4002I |
| 450 | 2 x | 770C4502S | 770C4502I |
| 500 | 2 x | 770C5002S | 770C5002I |
| 550 | 2 x | 770C5502S | 770C5502I |
| 600 | 2 x | 770C6002S | 770C6002I |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

**3 Back fixing left/right**



| Colour | Material | | Part no. |
|---|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M \| NI | Steel | 2 x | ZB7C000S |

**4 Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 4 x | ZF7C7002 |
| EXPANDO | 4 x | ZF7C70E2 |
| EXPANDO T | 4 x | ZF7C70T2 |

EXPANDO T suitable for thin fronts – see page instructions

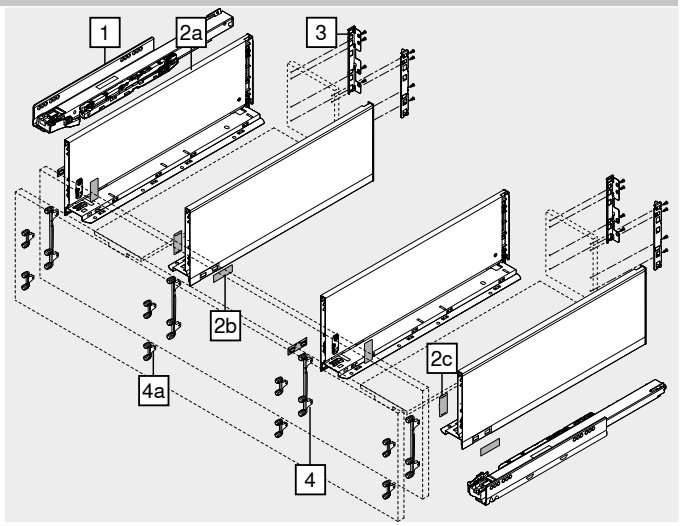
**Alternative to 4**

**4a Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 8 x | ZF7M7002 |
| EXPANDO | 8 x | ZF7M70E2 |
| EXPANDO T | 8 x | ZF7M70T2 |

EXPANDO T suitable for thin fronts – see page instructions




### a Accessories

**– Chipboard screws**



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

For front fixing

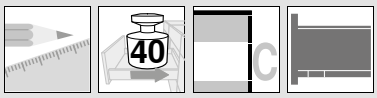
**– Fixing screw**



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |

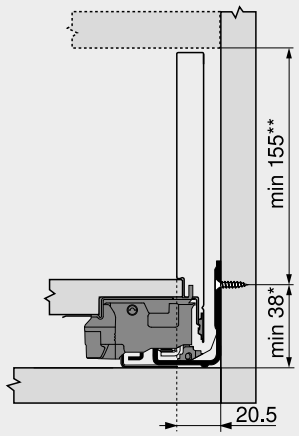


# High fronted pull-out – C

Webcode
DQBS6M

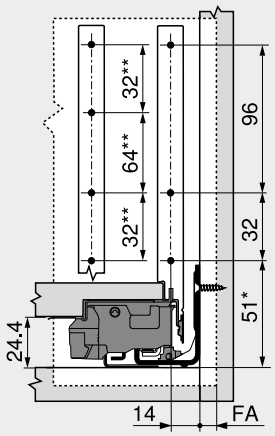
## Planning

### Space requirement in cabinet



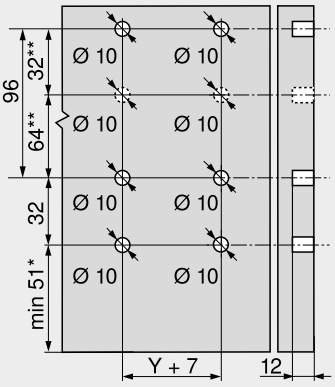

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



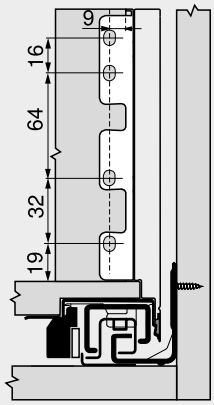

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

### Drilling distances – front – EXPANDO front




* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

### Installation dimensions – back

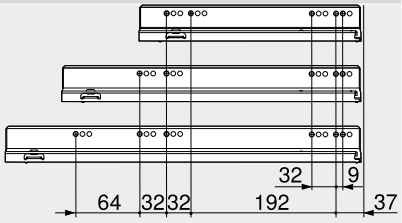



### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**

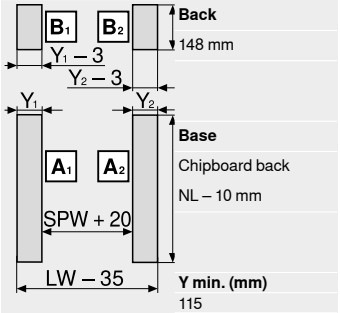
**Nominal length NL (mm)**

350
400–500
550, 600




Internal cabinet depth LT min. = nominal length NL + 3 mm

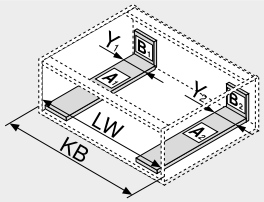
### Cutting – 16 mm chipboard




**Back**
148 mm

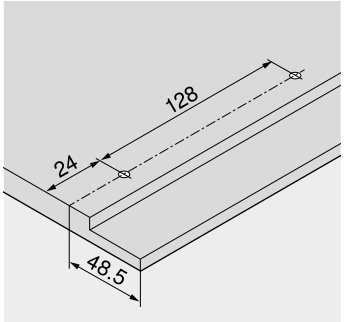
**Base**
Chipboard back
NL – 10 mm

**Y min. (mm)**
115
**Y max. (mm)**
155



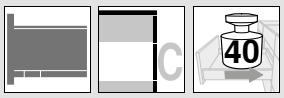

| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |
| SPW | Internal width between sink drawer sides |

### Drilling distances – drawer base



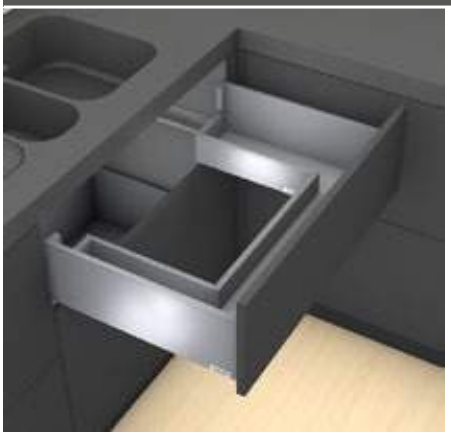

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – AMBIA-LINE for LEGRABOX | 539 | | |
| Fixing system for thin fronts – EXPANDO T | 588 | CABLOXX | 586 | | |
| | | Accessories | 257 | Short-URL | |
| | | Cabinet profile fixing positions | 261 | www.blum.com/a310 | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Overview – assembly devices | 595 | | |
| | | More technical details | 686 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | | | | |



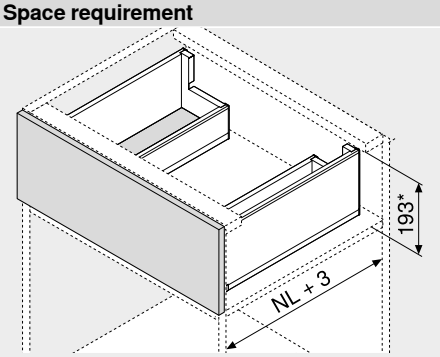

## High fronted pull-out – C – centre piece

Webcode DQCYEM



- With centre piece for optimal use of storage space
- Slim drawer side 12.8 mm
- Straight interior and exterior
- Synchronised feather-light glide
- Steel drawer side and stainless steel
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**

### Space requirement




NL Nominal length
* Incl. 2 mm tilt adjustment

### Order information

**1** Cabinet profiles left/right



BLUMOTION S

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**2** Drawer side set exterior



| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 450 | 770C4502S | 770C4502I |
| 500 | 770C5002S | 770C5002I |
| 550 | 770C5502S | 770C5502I |
| 600 | 770C6002S | 770C6002I |
| 650 | 770C6502S | 770C6502I |

**Composed of:**
**2a** 1 x Left/right drawer sides
**2b** 2 x Customer branding
**2c** 2 x Cover caps

**3** Steel back L shape left/right



| Colour | Material | Part no. |
|---|---|---|
| TS-M \| OG-M \| PS-M \| SW-M | Steel | ZB7C129S.6S |

**4** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7C7002 |
| EXPANDO | 2 x | ZF7C70E2 |
| EXPANDO T | 2 x | ZF7C70T2 |

EXPANDO T suitable for thin fronts – see page instructions

**Alternative to 4**

**4a** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 4 x | ZF7M7002 |
| EXPANDO | 4 x | ZF7M70E2 |
| EXPANDO T | 4 x | ZF7M70T2 |

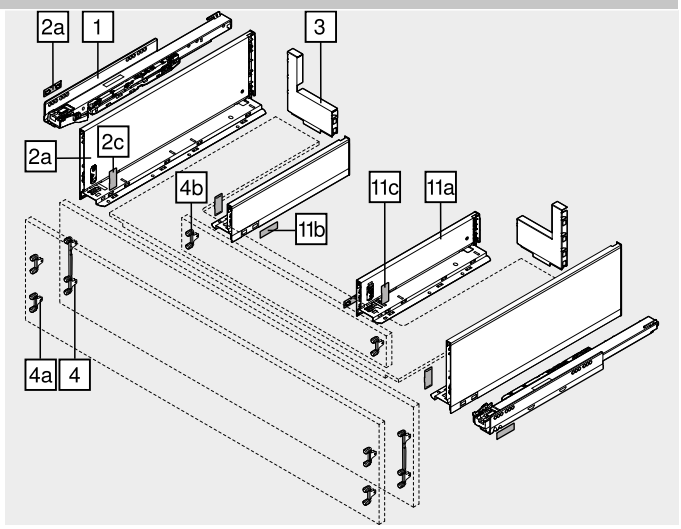
EXPANDO T suitable for thin fronts – see page instructions

**4b** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZF7M7002 |
| EXPANDO | 2 x | ZF7M70E2 |

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | NI | Nickel plated |




**11** Left/right drawer sides interior



| Nominal length NL (mm) | Colour TS-M \| OG-M \| PS-M \| SW-M | INGL |
|---|---|---|
| 300 | 770M3002S | 770M3002I |
| 350 | 770M3502S | 770M3502I |
| 400 | 770M4002S | 770M4002I |
| 450 | 770M4502S | 770M4502I |
| 500 | 770M5002S | 770M5002I |

**Composed of:**
**11a** 1 x Left/right drawer sides
**11b** 2 x Customer branding
**11c** 2 x Cover caps

**For effective use of storage space, we recommend**
Nominal length NL drawer sides exterior (no 2) – nominal length NL drawer sides interior (no 11) = min. 150 mm

### a Accessories

**–** Chipboard screws



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 3.5 | 15 | 609.1500 |
| 3.5 | 17 | 609.1700 |

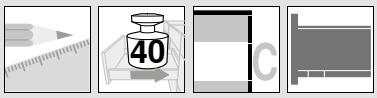
For front fixing

**–** Fixing screw



| Ø (mm) | Length (mm) | Part no. |
|---|---|---|
| 4 | 15 | 61D.1500 |

For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws



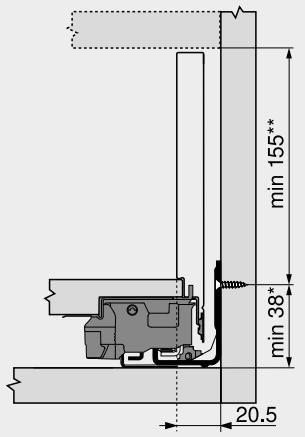


# High fronted pull-out – C – centre piece

Webcode DQCYEM

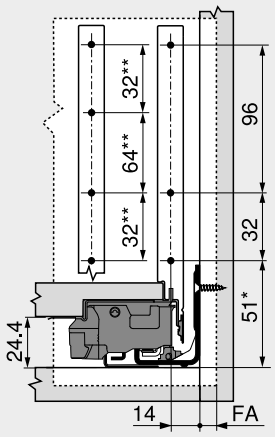
## Planning

### Space requirement in cabinet



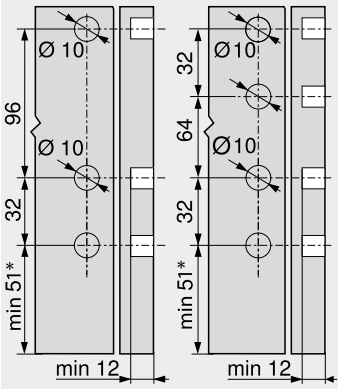

* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

### Installation dimensions – front – screw-on



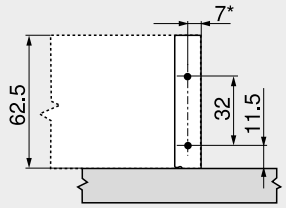

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

### Drilling distances – front – EXPANDO front




4 4a
* +1 mm if cabinet profile is installed before the cabinet is assembled

### Installation dimensions – centre piece

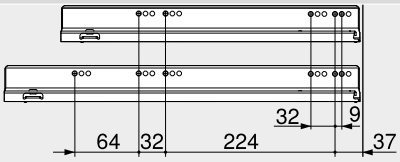



* +1.5 mm with ZF7M70E2

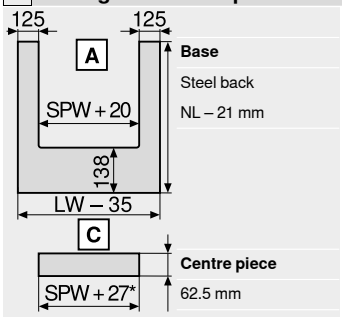
### Screw position – cabinet profiles

**Cabinet profile 750 – 40 kg**
**Nominal length NL (mm)**

450, 500
550, 600

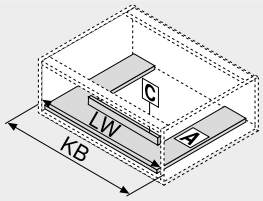



### Cutting – 16 mm chipboard




**Base**
Steel back
NL – 21 mm

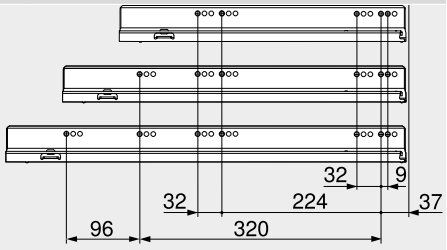
**Centre piece**
62.5 mm




KB Cabinet width
LW Internal cabinet width
NL Nominal length
SPW Internal width between sink drawer sides
* +3 mm with ZF7M70E2

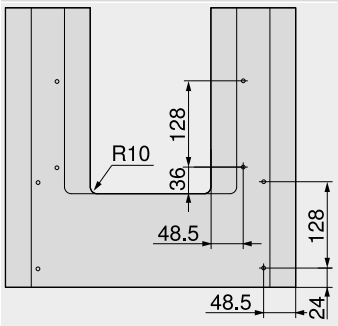
**Cabinet profile 753 – 70 kg**
**Nominal length NL (mm)**

450
500–600
650




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Drilling distances – drawer base




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – AMBIA-LINE for LEGRABOX | 539 | | |
| Fixing system for thin fronts – EXPANDO T | 588 | CABLOXX | 586 | | |
| | | Accessories | 257 | Short-URL | |
| | | Cabinet profile fixing positions | 261 | www.blum.com/a310 | |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 | Overview – assembly devices | 595 | | |
| | | More technical details | 686 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | | | | |



## SPACE TOWER

Webcode
DQGQ7Y



- The flexible larder unit with inner pull-outs; with shelves and inner drawers in the upper area
- Easy access from three sides
- Individually opening pull-outs allow for a complete overview and convenient removal from above
- Light operating forces even with heavily-laden pull-outs
- High backs and side panels guarantee secure stocking
- AMBIA-LINE inner dividing systems for pull-outs puts everything in order and allows easy access
- Flexible cabinet dimensions possible



### Order information

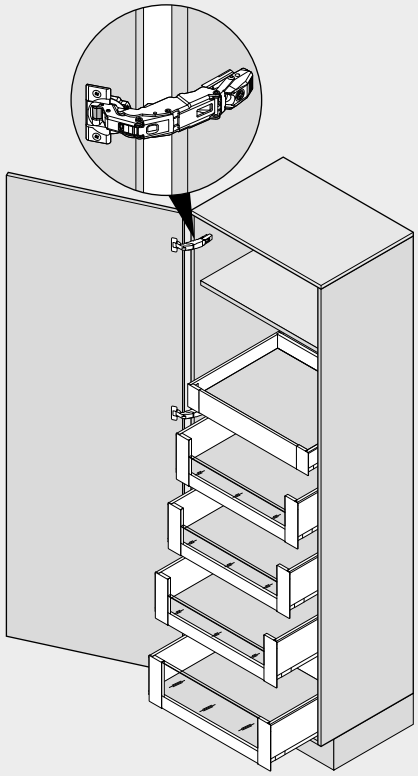
| Application recommendation | Page |
|---|---|
| Inner drawer – M | 226 |
| Inner pull-out – design element – C | 234 |
| AMBIA-LINE for LEGRABOX | 543 |
| CLIP top BLUMOTION 155° hinge | 104 |

| Recommendation | |
|---|---|
| Cabinet width (mm) | 275–1200 |

### Planning

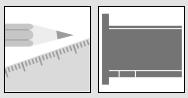
**Help with planning and ordering**

Short-URL
www.blum.com/planningtools



### Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – LEGRABOX | 219 | Accessories | 257 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for LEGRABOX | 262 | More technical details | 686 | Short-URL | |
| TIP-ON for LEGRABOX | 266 | | | www.blum.com/a310 | |
| Overview – AMBIA-LINE for LEGRABOX | 539 | | | | |
| CLIP top BLUMOTION 155° hinge | 104 | | | | |
| Overview – BLUMOTION for doors | 185 | | | | |



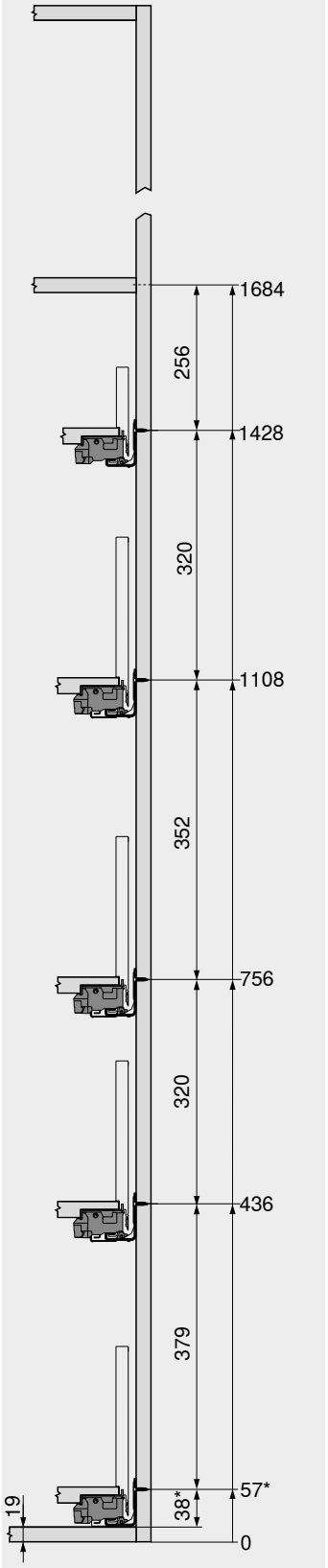
# SPACE TOWER

Webcode
DQGQ7Y

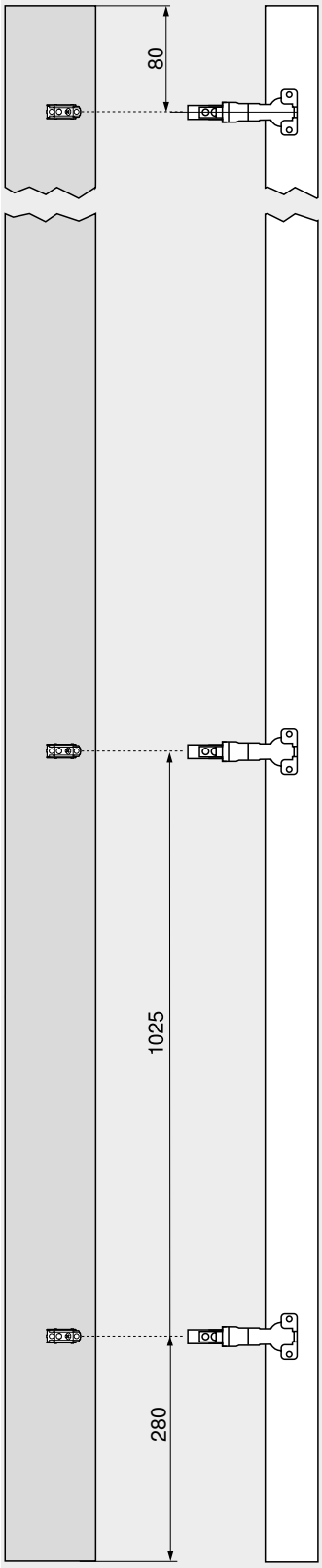
## Planning

### Recommendation

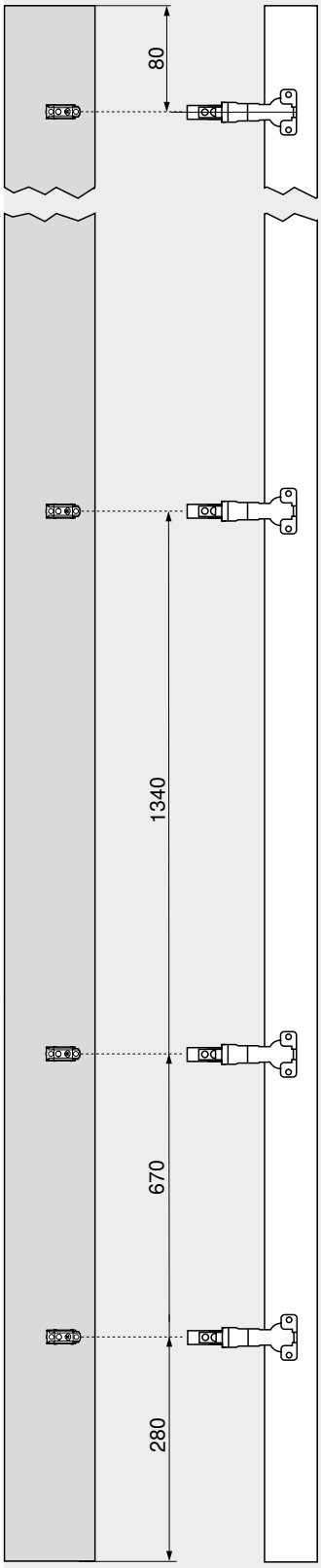
**Positioning in the cabinet**




**Drilling distances – front**




**Drilling distances – front**




In high cabinets, it is practical to have a shelf at the highest level rather than an inner drawer

The inner drawer allows access from the side. If the inner drawer is implemented with a higher back, stored goods are prevented from falling down the back

The option to position the pull-outs at different heights within the cabinet guarantees that no items will be too tall to be stored inside

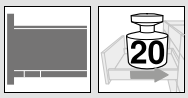
The CLIP top BLUMOTION 155° hinge without front protrusion allows the cabinet width to be put to optimal use

If the hinge is mounted above the pull-out, the lowest pull-out can be inserted right at the bottom. Turning even those last few centimetres into usable storage space

* +1 mm if cabinet profile is installed before the cabinet is assembled

**Page instructions**

Number of Hinges 694





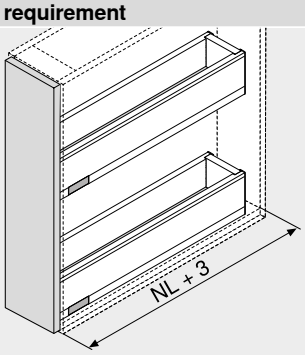

## Narrow cabinets

Webcode
DQGTQM



- Stable solution thanks to diagonally offset cabinet profiles
- Includes integrated **BLUMOTION S** for silent and effortless closing action
- High dynamic carrying capacity of 20 kg per base cabinet
- Cabinet width KB 200 mm

### Space requirement




NL Nominal length

### Order information

| Application recommendation | Page |
|---|---|
| Drawer – M | 224 |
| Drawer – K | 228 |
| High fronted pull-out – C | 232 |
| Cabinet width KB (mm) | 200 |

### Page instructions

| | |
|---|---|
| Overview – LEGRABOX | 219 |
| Accessories | 257 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a310**



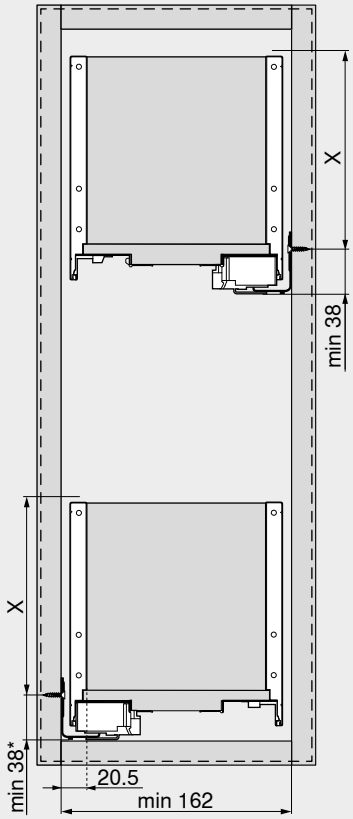



## Narrow cabinets

Webcode
DQGTQM

### Planning

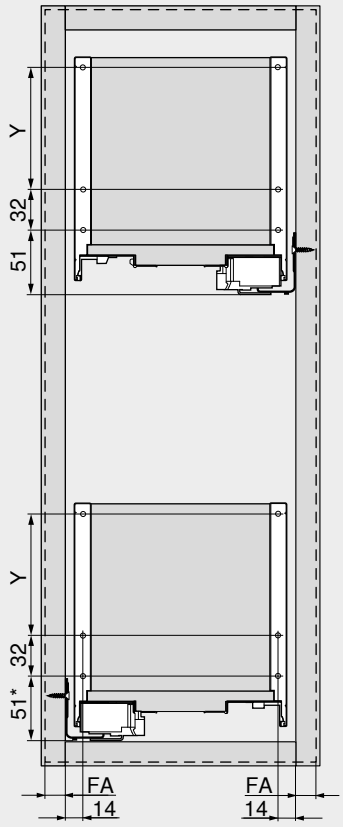
#### Space requirement in cabinet




| Installation height | X (mm) |
|---|---|
| M | 68 |
| K | 106 |
| C | 155 |

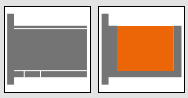
* +1 mm if cabinet profile is installed before the cabinet is assembled

#### Installation dimensions – front




| Installation height | Height of drawer side | Y (mm) |
|---|---|---|
| M | M | – |
| K | K | – |
| C | C | 96 |

FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled



## Glass design element



- Unique designs for the furniture interior
- Material: glass
- Colour: clear

### Order information

#### LEGRABOX pure | LEGRABOX free

| 7 | Low glass design element (for inner pull-out, front) | |
|---|---|---|
| | Colour | Clear |
| Cabinet width | Cabinet side panel thickness (mm) | |
| KB (mm) | 15/16 | 18/19 |
| 450 | ZE7V338G | ZE7V332G |
| 600 | ZE7V488G | ZE7V482G |
| 900 | ZE7V788G | ZE7V782G |
| 1200 | ZE7V1088G | ZE7V1082G |
| Composed of: | | |
| 7 | 1 x Glass design element | |

| 7 | High glass design element (for inner pull-out, front) | |
|---|---|---|
| | Colour | Clear |
| Cabinet width | Cabinet side panel thickness (mm) | |
| KB (mm) | 15/16 | 18/19 |
| 450 | ZE7W338G | ZE7W332G |
| 600 | ZE7W488G | ZE7W482G |
| 900 | ZE7W788G | ZE7W782G |
| 1200 | ZE7W1088G | ZE7W1082G |
| Composed of: | | |
| 7 | 1 x Glass design element | |

#### LEGRABOX free

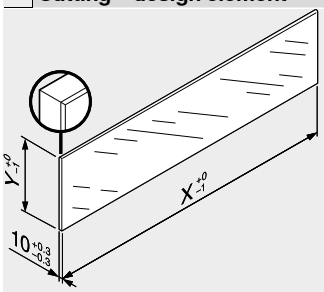
| 9a | Glass design element (side) | | |
|---|---|---|---|
| Nominal length | Colour | | |
| NL (mm) | Clear | | |
| 350 | ZE7S238G | | |
| 400 | ZE7S288G | | |
| 450 | ZE7S338G | | |
| 500 | ZE7S388G | | |
| 550 | ZE7S438G | | |
| 600 | ZE7S488G | | |
| 650 | ZE7S538G | | |
| Composed of: | | | |
| 9a | 2 x Glass design element | | |

#### a Accessories

| – | Transportation lock – design element (side) | | |
|---|---|---|---|
| | Colour | Material | Part no. |
| | Yellow | Nylon | 780C0009 |
| For transporting pre-assembled design element (side) | | | |

### Planning

#### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Low | LW – 80 | 70 |
| High | LW – 80 | 138 |
| Side | NL – 112 | 138 |

LW Internal cabinet width
NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

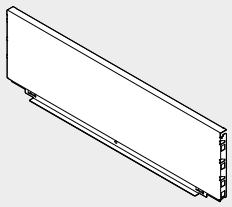
### Page instructions


| | |
|---|---|
| Overview – LEGRABOX | 219 |
| Accessories | 257 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

Assembly, removal and adjustment

Short-URL
www.blum.com/a310

## Steel back



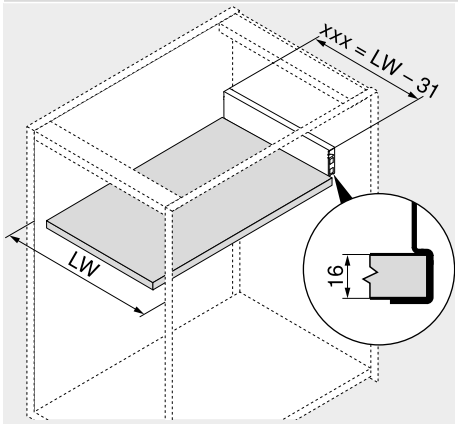
- For LEGRABOX
- Material: steel
- Colour: terra black matt | orion grey matt | polar silver matt | silk white matt | nickel plated

**Order information**

| Back height | Part no. |
|---|---|
| N | ☎ ZB7NxxxS.6 |
| M | ☎ ZB7MxxxS.6 |
| K | ☎ ZB7KxxxS.6 |
| C | ☎ ZB7CxxxS.6 |
| F | ☎ ZB7FxxxS.6 |

### Planning

#### Calculation of width

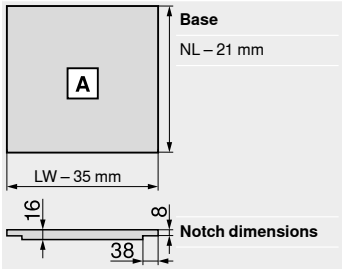



**xxx = LW – 31**

**Example**
Back wall height M
LW = 567 mm
**536 mm** = 567–31 mm
**Order**
**ZB7M536S.6**

| | |
|---|---|
| xxx | Back width |
| LW | Internal cabinet width |

#### Cutting – 16 mm chipboard

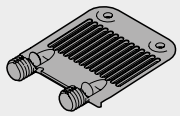



**Base**
NL – 21 mm

**Notch dimensions**

| | |
|---|---|
| NL | Nominal length |
| LW | Internal cabinet width |

## Front/base stabiliser



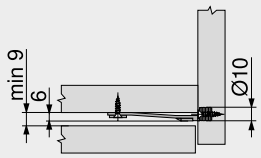
- For stabilising wide drawer bases
- Reinforces the connection between the drawer base and the front
- Recommendation: Cabinet width KB starting at 900 mm, 1 item

**Order information**

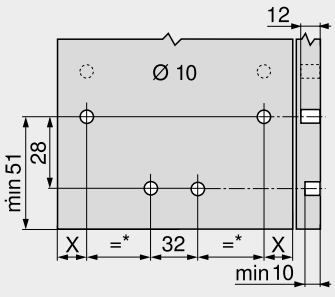
| Fixing method | Colour | Part no. |
|---|---|---|
| EXPANDO | RAL 7037 dust grey | Z96.10E1 |

### Planning

#### Space requirement in cabinet



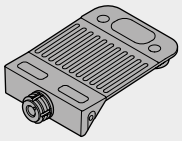

#### Drilling distances – front




X = 14 mm + FA

| | |
|---|---|
| FA | Front overlay |
| * | Min. 72 mm |

## Front/base stabiliser for thin fronts



- For stabilising wide fronts and drawer bases
- Reinforces the connection between the drawer base and the front
- Recommendation: cabinet width KB from 601 mm, 1 item; cabinet width KB from 901 mm, 2 items; front height FH from 381 mm, 1 item

### Order information

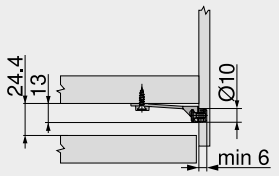
| Fixing method | Colour | Part no. |
|---|---|---|
| EXPANDO T | RAL 7037 dust grey | Z96.00T1 |

### Page instructions

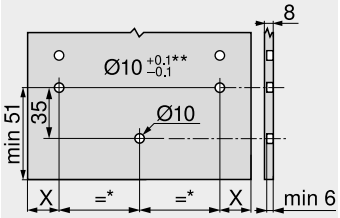

| | |
|---|---|
| Fixing system for thin fronts – EXPANDO T | 588 |
| Assembly recommendation and limitation of liability – EXPANDO T | 589 |


### Planning

#### Space requirement in cabinet



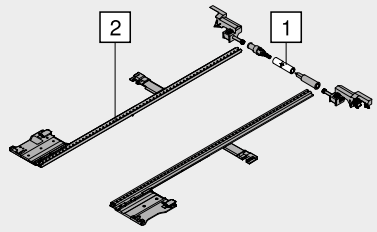

#### Drilling distances – front




X = 14 mm + FA

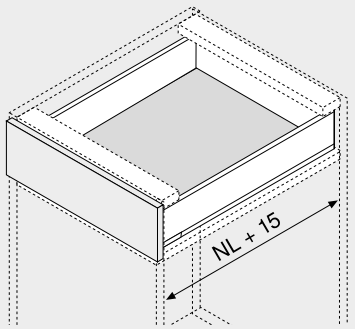
| | |
|---|---|
| FA | Front overlay |
| * | Min. 80 mm |
| ** | Stone and ceramic +0.2/–0.1 mm |

## Side stabilisation




- Additional stabilisation for extra wide high fronted pull-outs
- Recommendation: cabinet width KB 900–1400 mm
- Aluminium rod suitable for KB up to 1400 mm, for cutting to size
- No additional space requirement at the bottom
- Suitable for use with BLUMOTION, SERVO-DRIVE, TIP-ON BLUMOTION and TIP-ON

### Space requirement




NL Nominal length

### Order information

**Side stabilisation**

| | Nominal length NL (mm) | Part no. |
|---|---|---|
|  | 270–400 | ZS7M400LU |
| | 450–650 | ZS7M650LU |

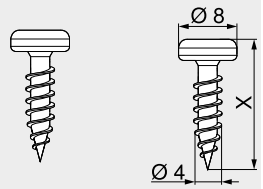
**Cutting**

1 Internal cabinet width LW – 295 mm
2 Nominal length NL + 10 mm

### Page instructions


| | |
|---|---|
| Overview – LEGRABOX | 219 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

## Fixing screws — Ø 4.0 mm

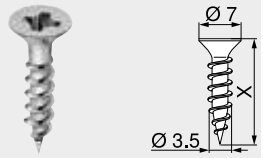



- For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
- Ø 4 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 61D.1500 |

## Chipboard screws — Ø 3.5 mm

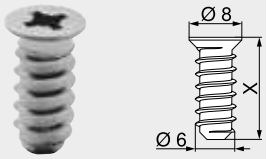



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

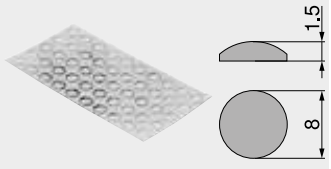


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |





## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver



- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## TORX screwdriver

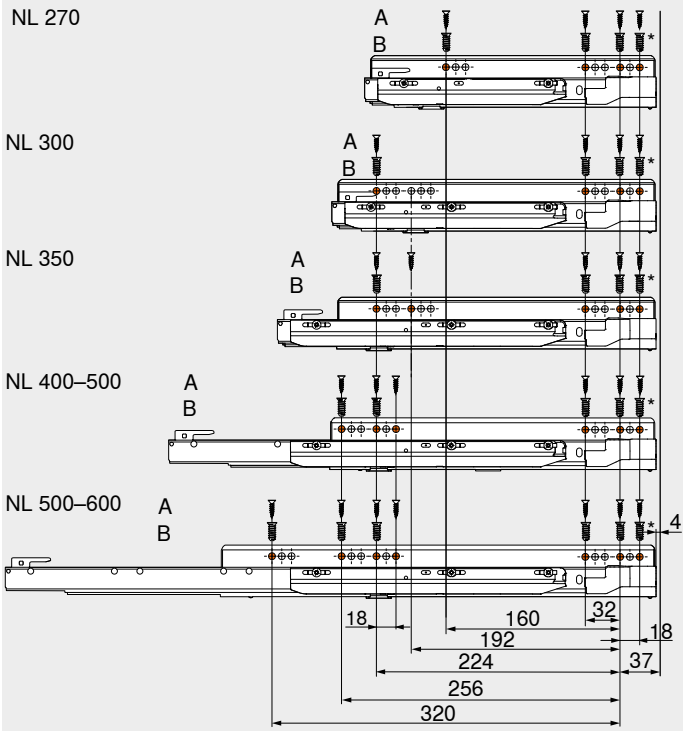


- TORX size 20 (T20)
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

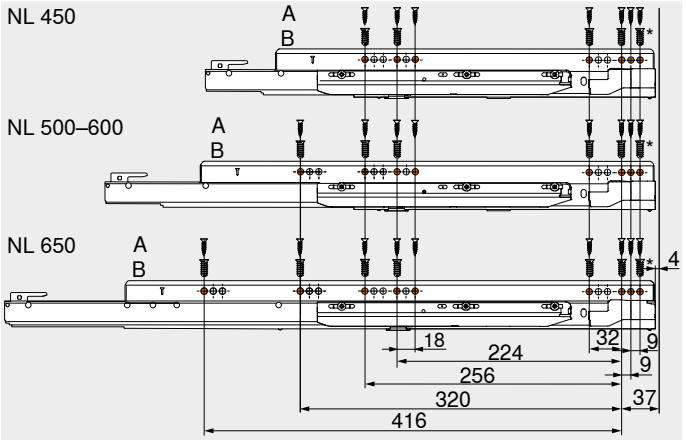
| Total length (mm) | Blade length (mm) | Part no. |
|---|---|---|
| 100 | 35 | 623.882.2 |
| 210 | 100 | 209.093.7 |

## Cabinet profile 750 – 40 kg



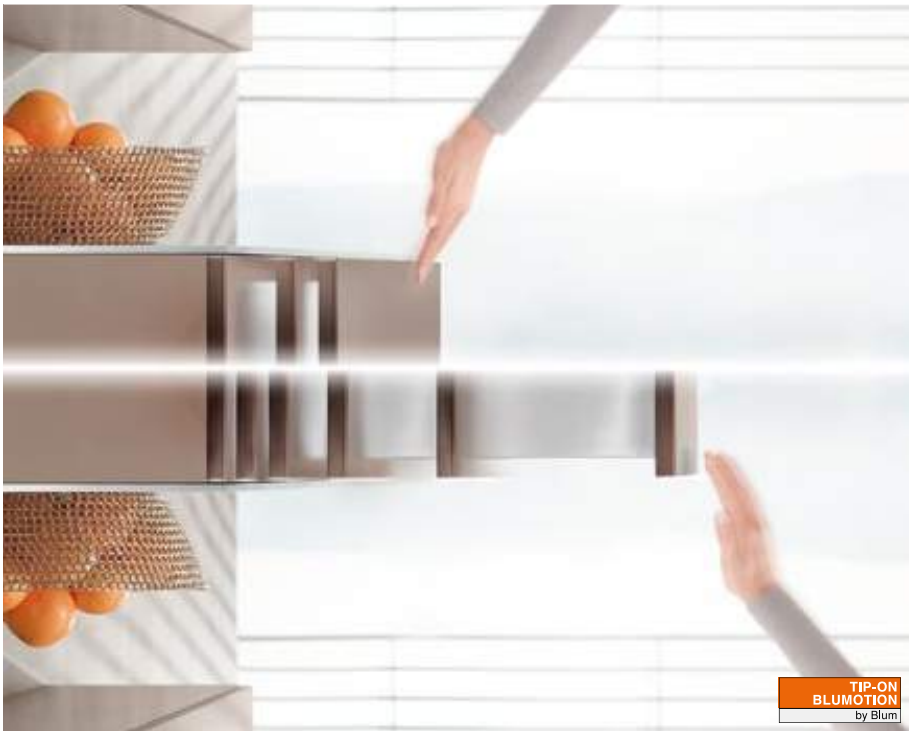

| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet profile 753 – 70 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Two functions – fascinatingly combined




TIP-ON BLUMOTION for LEGRABOX combines the advantages of the TIP-ON mechanical opening support system with the reliable BLUMOTION dampening for silent and effortless closing – 100% mechanically.

TIP-ON BLUMOTION's extensive trigger range provides inspirational ease of use for handle-less pull-outs and drawers. An optional synchronisation can be used to extend the trigger range even further.





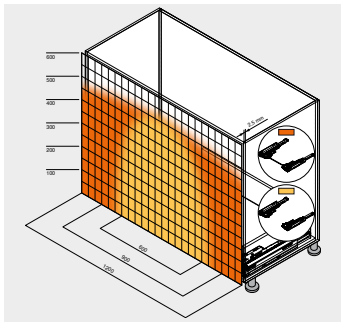
Opens with just a light touch, has a smooth running action and closes silently and effortlessly – experience completely harmonious and convenient motion with TIP-ON BLUMOTION technology



The motion is assisted 100% mechanically



**Small front gap**
TIP-ON BLUMOTION can be adjusted to have a small front gap of 2.5 mm



**Extensive trigger range**
An optional synchronisation can be used to extend the trigger range even further



**Four-dimensional adjustment**
The four-dimensional adjustment ensures a precise gap layout. Depth adjustment is integrated and tool-free – simply turn the adjustment wheel



**Simple, tool-free assembly**
The TIP-ON BLUMOTION unit can be assembled tool-free, as can all the other components




## TIP-ON BLUMOTION




- The TIP-ON mechanical opening support system combined with soft-close BLUMOTION
- Gap 2.5 mm
- Four-dimensional front adjustment
- Extensive trigger range
- Synchronised feather-light glide
- Synchronisation for internal cabinet widths LW of 245 mm and wider

### Order information

**1 Cabinet profiles left/right**



**BLUMOTION S**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 70 |
|---|---|---|
| 270 | 750.2701S | |
| 300 | 750.3001S | |
| 350 | 750.3501S | |
| 400 | 750.4001S | |
| 450 | 750.4501S | 753.4501S |
| 500 | 750.5001S | 753.5001S |
| 550 | 750.5501S | 753.5501S |
| 600 | 750.6001S | 753.6001S |
| 650 | | 753.6501S |

**6.1 TIP-ON BLUMOTION set**



| Nominal length NL (mm) | Unit | Cabinet profile (kg) | Weight (kg) [1] | Part no. |
|---|---|---|---|---|
| 270–300 | S0 | 40 | ≤ 10 | T60L7040 |
| 270–300 | S1 | 40 | > 10–20 | T60L7140 |
| 350–600 | L1 | 40 | ≤ 20 [2] | T60L7340 |
| 350–650 | L3 | 40 | 15–40 | T60L7540 |
| 450–650 | L5 | 70 | 35–70 | T60L7570 |

**Composed of:**
- **6a** 1 x TIP-ON BLUMOTION unit left/right
- **6b** 1 x TIP-ON BLUMOTION latch left/right
- **6e** 2 x TIP-ON BLUMOTION synchronisation adapter Internal cabinet width LW ≥ 294 mm

[1] Recommended weight ranges (total weight of the pull-out) for an optimum opening and closing function
[2] Can only be combined with a 40 kg cabinet profile

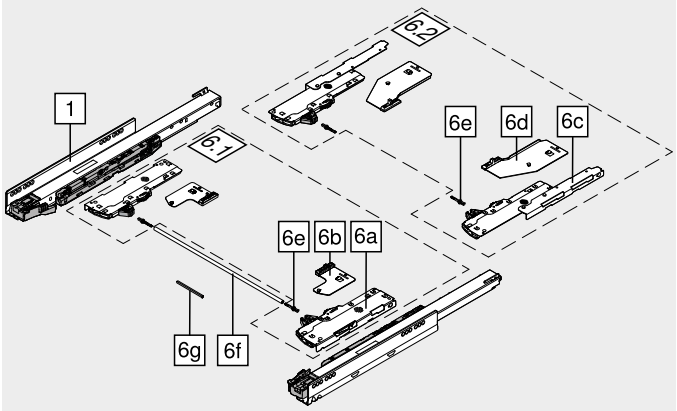
**6.2 TIP-ON BLUMOTION set sink pull-out**



| Nominal length NL (mm) | Unit | Cabinet profile (kg) | Weight (kg) [1] | Part no. |
|---|---|---|---|---|
| 350–650 | L1 | 40 | ≤ 20 [2] | T60L9340 |
| 350–600 | L3 | 40 | 15–40 | T60L9540 |

**Composed of:**
- **6c** 1 x TIP-ON BLUMOTION unit left/right
- **6d** 1 x TIP-ON BLUMOTION latch left/right
- **6e** 2 x TIP-ON BLUMOTION synchronisation adapter Internal cabinet width LW ≥ 314 mm

[1] Recommended weight ranges (total weight of the pull-out) for an optimum opening and closing function
[2] Can only be combined with a 40 kg cabinet profile




**Internal cabinet width LW ≥ 294 mm**

**6f TIP-ON BLUMOTION synchronisation linkage**



| Version | Material | Part no. |
|---|---|---|
| Round | Nylon | T60.1125W |

In combination with 6e 2 x T60.000D

**Cutting**
- **6.1** Internal cabinet width LW – 247 mm
- **6.2** Internal cabinet width LW – 267 mm

**Internal cabinet width LW 245–293 mm**

**6g TIP-ON BLUMOTION synchronisation**



| Version | Colour | Part no. |
|---|---|---|
| Square | RAL 7035 light grey | T60.300D |

**Cutting**
- **6.1** Internal cabinet width LW – 221 mm

### a Accessories

**6e TIP-ON BLUMOTION synchronisation adapter**



| Version | Colour | Part no. |
|---|---|---|
| Symmetrical | RAL 7035 light grey | T60.000D |

Internal cabinet width LW ≥ 294 mm

**– Front gap template for TIP-ON BLUMOTION**



| Front gap FS (mm) | Colour | Part no. |
|---|---|---|
| 2.5 | Orange | 65.5631 |

### Page instructions


| | |
|---|---|
| TIP-ON BLUMOTION for LEGRABOX | 262 |
| Overview – LEGRABOX | 219 |
| Planning | 264 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

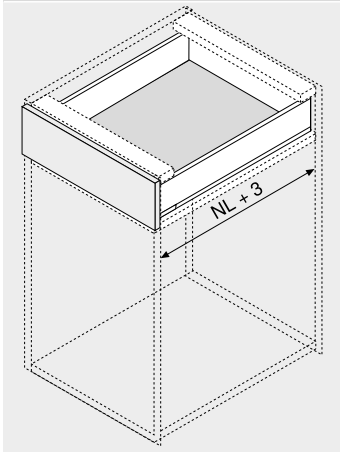
Short-URL
www.blum.com/a320

## TIP-ON BLUMOTION

### Planning

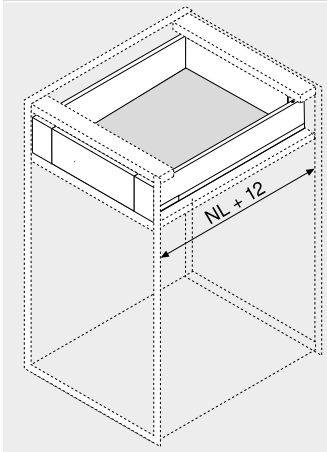
#### Space requirement in cabinet

**Drawer | high fronted pull-out**



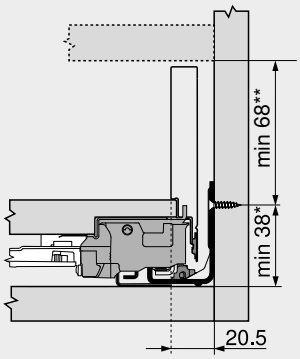

NL Nominal length

**Inner drawer | inner pull-out**




NL Nominal length

**Drawer | high fronted pull-out**

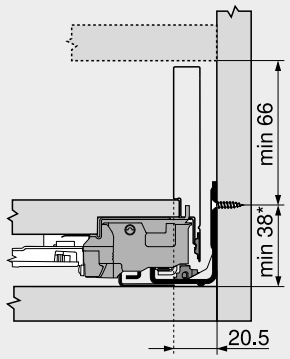



Height M

* +1 mm if cabinet profile is installed before the cabinet is assembled

** Incl. 2 mm tilt adjustment

**Inner drawer | inner pull-out**

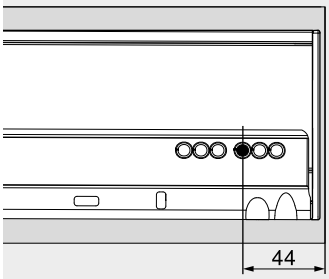



Height M

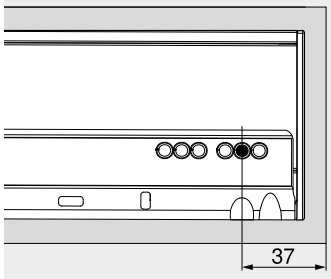
* +1 mm if cabinet profile is installed before the cabinet is assembled

TIP-ON BLUMOTION cannot be used in combination with latch set ZI7.0M07

#### Screw position – inner drawer | inner pull-out

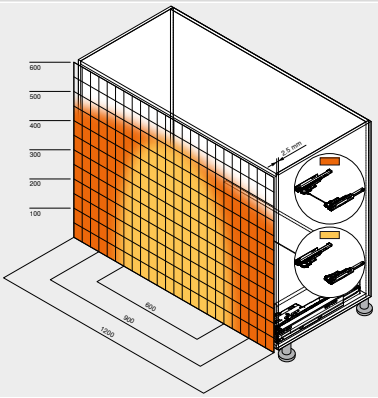



Variant 1




Variant 2

#### Trigger range



**Trigger range**

With synchronisation

Without synchronisation

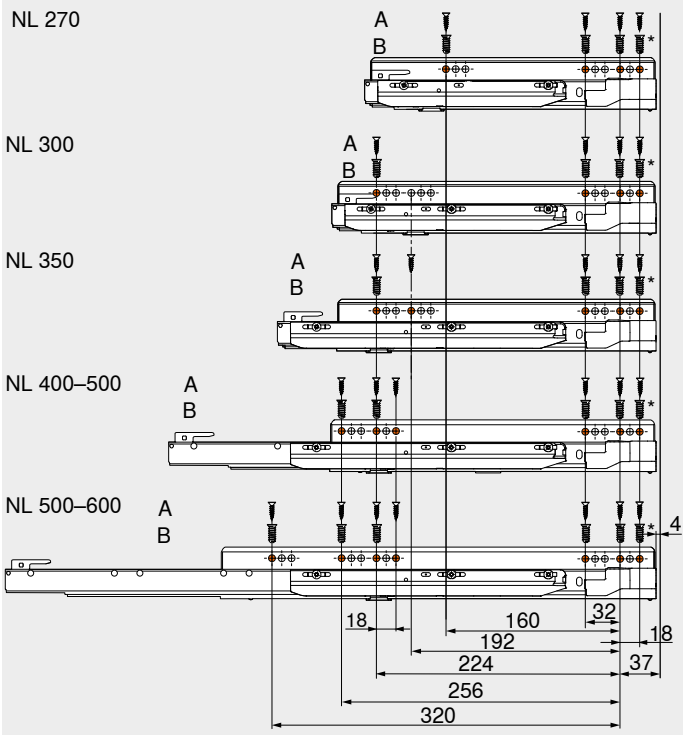
| | |
|---|---|
| **Minimum front gap (mm)** | 2.5 |

With front/base stabiliser

To optimise the functioning and trigger range, a synchronisation must be used

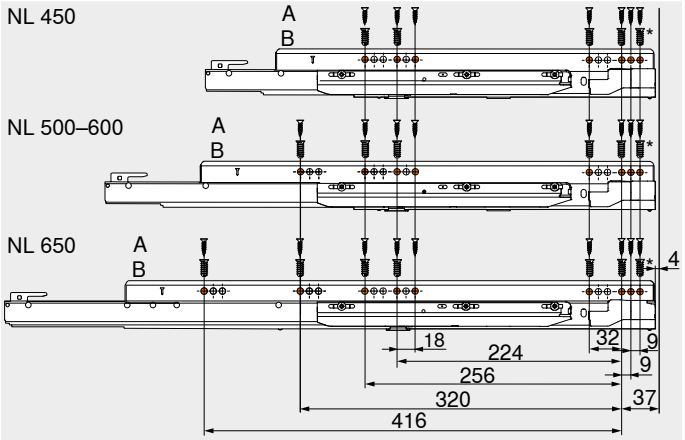
Example for 750 | 753, C height, nominal length NL 500 mm

## Cabinet profile 750 – 40 kg

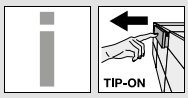



| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet profile 753 – 70 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |






## Easy to open – with just a touch




### Reliable handle-less opening

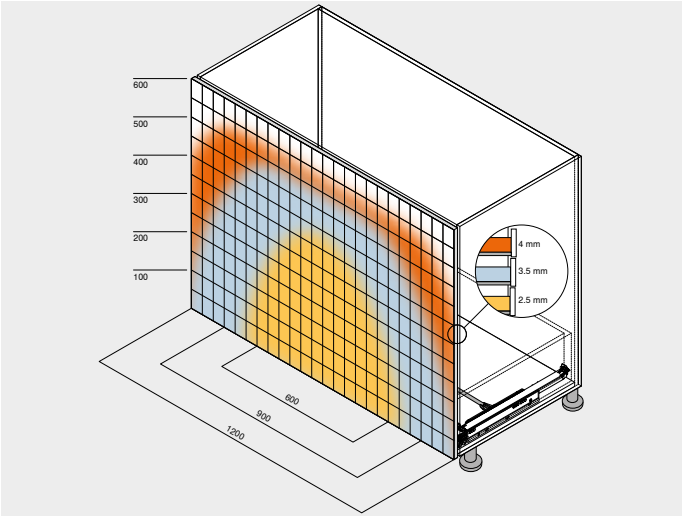
Handle-less fronts are playing a greater and greater role in modern furniture design. With TIP-ON for LEGRABOX – the mechanical opening support system from Blum – handle-less drawers and pull-outs open with just a touch. To close, simply press shut.

### Multitude of applications

The TIP-ON cabinet profile can be used for all standard applications: from standard cabinets to special solutions such as the Blum sink pull-out.



The TIP-ON function is integrated into the cabinet profile. For straightforward installation and ease of use




The optional synchronisation ensures secure opening and closing even for wide fronts




## TIP-ON




- Integrated **TIP-ON** function for handle-less fronts
- Suitable for LEGRABOX pure and LEGRABOX free
- A synchronisation can be applied to increase the trigger range for cabinet widths KB of 400 mm and above (recommended for cabinet widths KB of 600 mm and above)
- Synchronised feather-light glide
- Easy, tool-free depth adjustment without removing the pull-out
- Gap 3.5 mm

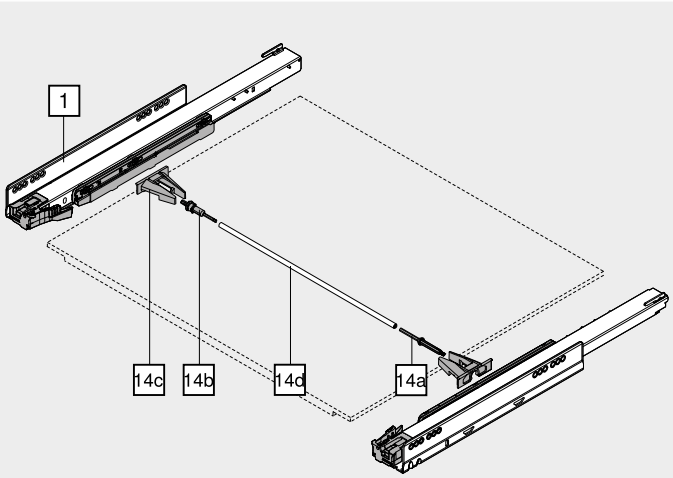
### Order information

**1** **Cabinet profiles left/right**



**TIP-ON**

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 40 | 70 |
| 270 | 750.2701T | |
| 300 | 750.3001T | |
| 350 | 750.3501T | |
| 400 | 750.4001T | |
| 450 | 750.4501T | 753.4501T |
| 500 | 750.5001T | 753.5001T |
| 550 | 750.5501T | 753.5501T |
| 600 | 750.6001T | 753.6001T |
| 650 | | 753.6501T |




### a Accessories

**14** **TIP-ON synchronisation pinion set**



| Version | Colour | Part no. |
|---|---|---|
| Round | RAL 7037 dust grey | T57.7400.01 |

**Composed of:**

**14a** 1 x Locking device
**14b** 1 x Overload locking device
**14c** 2 x Attachment

**14d** **TIP-ON synchronisation linkage**



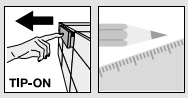
| Version | Material | Part no. |
|---|---|---|
| Round | Aluminium | ZST.1160W |

Suitable for cabinet width KB 1400 mm

**Cutting** Internal cabinet width LW – 229 mm

### Page instructions


| | | |
|---|---|---|
| TIP-ON for LEGRABOX | 266 | **Assembly, removal and adjustment** |
| Overview – LEGRABOX | 219 | |
| Planning | 268 | |
| Overview – assembly devices | 595 | Short-URL |
| More technical details | 686 | www.blum.com/a330 |



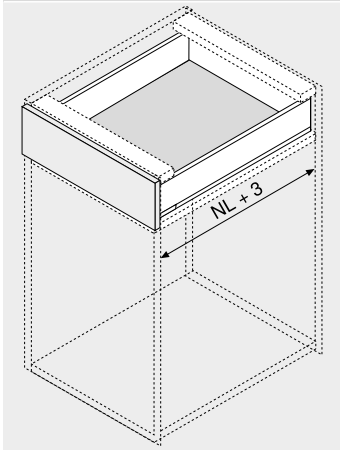



# TIP-ON

## Planning

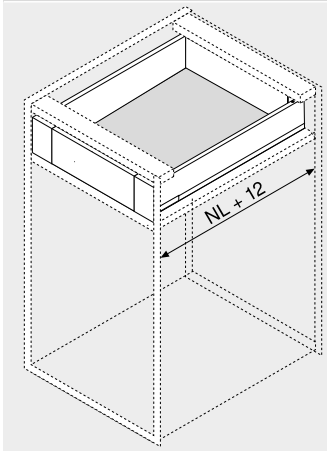
### Space requirement in cabinet

**Drawer | high fronted pull-out**



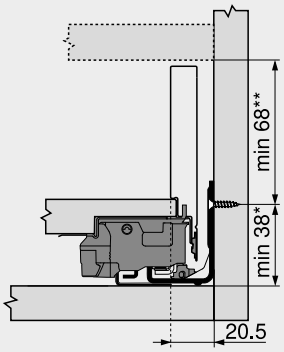

NL Nominal length

**Inner drawer | inner pull-out**




NL Nominal length

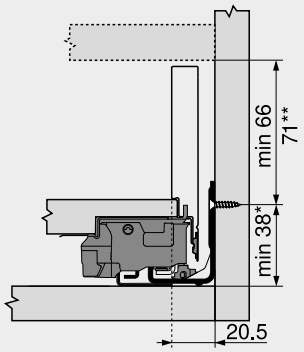
**Drawer | high fronted pull-out**




Height M

| | |
|---|---|
| * | +1 mm if cabinet profile is installed before the cabinet is assembled |
| ** | Incl. 2 mm tilt adjustment |

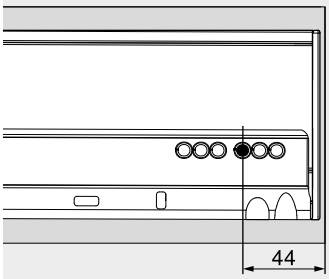
**Inner drawer | inner pull-out**



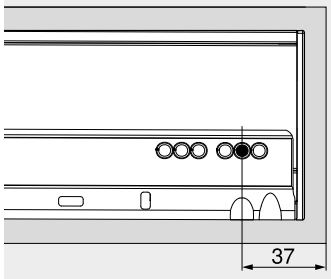

Height M

| | |
|---|---|
| * | +1 mm if cabinet profile is installed before the cabinet is assembled |
| ** | Inner drawer with latch set possible from height 71 mm |

### Screw position – inner drawer | inner pull-out

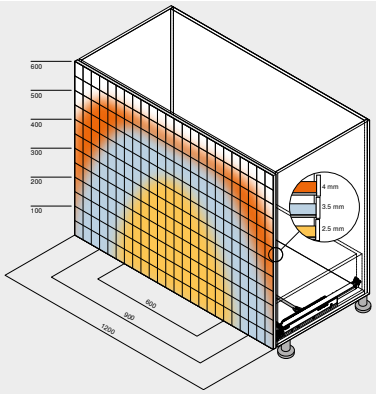



Variant 1




Variant 2

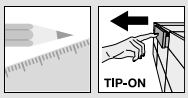
### Trigger range



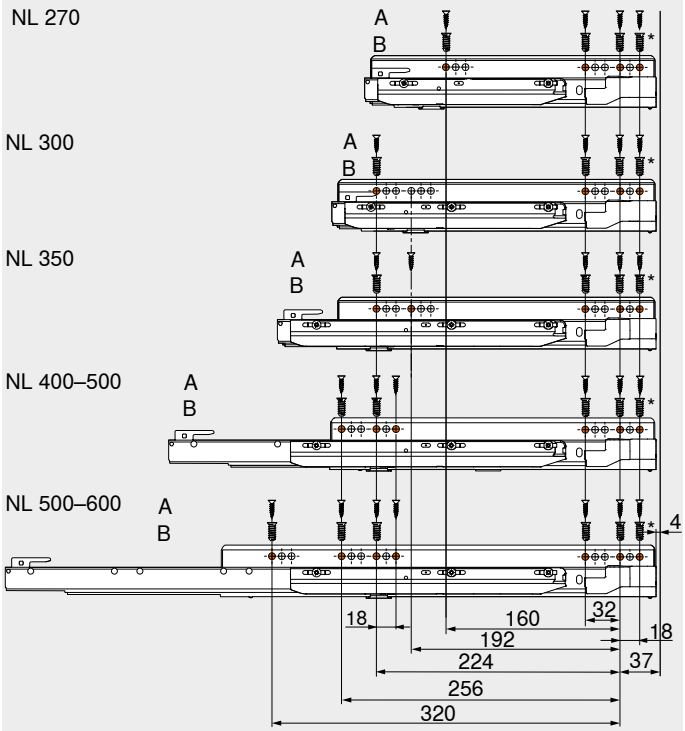

The optional synchronisation feature ensures secure opening even for higher & wider fronts

We also recommend that you use front stabilisation

Recommended front gap: 3.5 mm

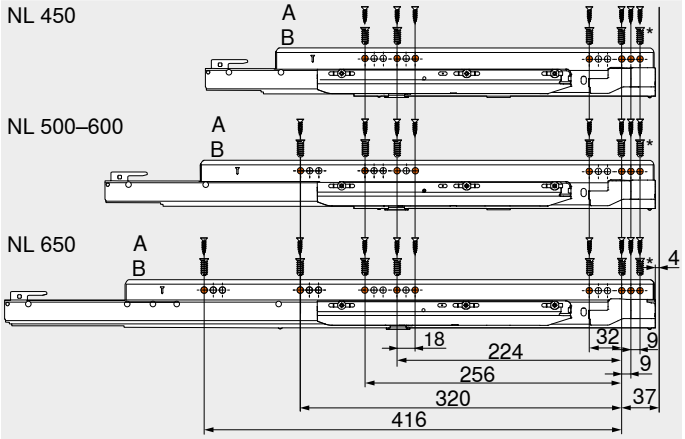



## Cabinet profile 750 – 40 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet profile 753 – 70 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## The individual line – high sided and versatile




With TANDEMBOX intivo, you can even make the inside of the kitchen unique because there are so many design possibilities available. No matter what you opt for, every solution with TANDEMBOX intivo is unique, allowing you to bring your own design wishes to life.

You also have the option of combining the different opening support systems as you wish. SERVO-DRIVE, the electrical opening support system in combination with BLUMOTION, or TIP-ON BLUMOTION, the mechanical opening support system, combined with BLUMOTION.





The combination of a design element with BOXCOVER opens up a wide range of design options. BOXCAP allows for a uniform closed design to be created. Thanks to a groove in the drawer top edge, BOXCAP and the design element can be attached seamlessly



The individual components such as the drawer side, BOXCAP, BOXCOVER and inner pull-outs are uniform in colour and material



TANDEMBOX has long proven its worth and offered enhanced ease of use and scope for design for many years. Technological improvements ensure even smoother opening, noticeably more stability and an optimised feather-light glide



For simple product selection and ordering of the available range, use our Product Configurator

**Short-URL**
**www.blum.com/configurator**

## Box systems


Symbolic image


| | | | | |
|---|---|---|---|---|
| Overview – box systems | 217 | ► | METABOX | 410 |
| ► LEGRABOX | 218 | | | |
| ► TANDEMBOX antaro | 296 | | | |
| ► TANDEMBOX plus | 344 | | | |
| ► TIP-ON BLUMOTION for TANDEMBOX | 372 | | | |
| ► SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 378 | | | |


## ►► Overview


Symbolic image

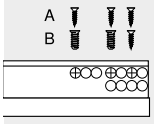

| | |
|---|---|
| ►► Overview – applications | 272 |
| ►► Design element | 290 |


## ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Steel back | 291 | Screwdriver | 294 |
| Front/base stabiliser | 291 | | |
| Side stabilisation – top mounted | 292 | | |
| Screws | 293 | | |
| Centre bit | 293 | | |
| Door buffer | 293 | | |


## ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 578 – 30 kg | 295 |
| Cabinet profile 576 – 65 kg | 295 |


## ►► Assembly, removal and adjustment

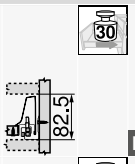
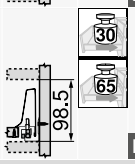
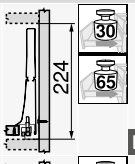
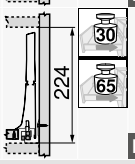
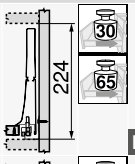
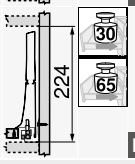

Symbolic image

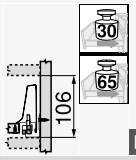
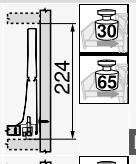
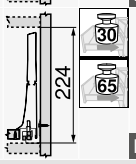
**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a340**

## Pictograph

| | | | |
|---|---|---|---|
| Item Available Upon Request | | Installation height and/or min. space requirement in cabinet | |
| General Information | | Dynamic carrying capacity (kg) | |
| Accessories | | Planning | |
| TANDEMBOX intivo | | Cutting | |
| BOXCOVER with design element | | | |
| BOXCAP | | | |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Standard cabinet** | | | | |
| **Drawer** | | | | |
|  Drawer – N |  | | DQBVPA | 274 |
|  Drawer – M |  | | DQBWEM | 276 |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – BOXCOVER – D |  | | DQBYIM | 278 |
|  High fronted pull-out – BOXCAP – D |  | | DQBXTA | 280 |
| **►► Corner cabinet** | | | | |
|  SPACE CORNER with SYNCROMOTION<br>Help with planning and ordering<br>Short-URL<br>www.blum.com/planningtools |  | | | |
|  SPACE CORNER with rigid fronts<br>Help with planning and ordering<br>Short-URL<br>www.blum.com/planningtools |  | | | |
| **►► Sink cabinet** | | | | |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – BOXCOVER – D |  | | DQBZXA | 282 |
|  High fronted pull-out – BOXCAP – D |  | | DQBZ7Y | 284 |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **Inner drawer** | | | | |
|  Inner drawer – M |  | | DQBX3Y | 276 |
| **Inner pull-out** | | | | |
|  Inner pull-out – BOXCOVER – D |  | | DQC1BY | 278 |
|  Inner pull-out – BOXCAP – D |  | | DQC0MM | 280 |
| **Inner pull-out** | | | | |

kg Dynamic carrying capacity

**@ | ☎ Check product availability**

**Use the Product Configurator to check the product availability**

Short-URL
www.blum.com/configurator

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Larder unit** | | | | |
|  SPACE TOWER | | 30 65 | | |
| Cabinet width 275–1200 mm | | | DQGQXA | 286 |
| **►► Narrow cabinets** | | | | |
|  Narrow cabinets | | 20 | | |
| Cabinet width 200 mm | | | DQGUFY | 288 |
| **►► Design element** | | | | |
|  Glass design element | | | | 290 |

kg Dynamic carrying capacity

## @ | ☎ Check product availability

**Use the Product Configurator to check the product availability**

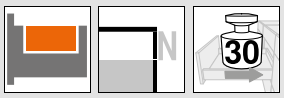
**Short-URL**
**www.blum.com/configurator**

## Recommendation – colour combination of the components

| No. | Description | | Colour SW | Colour TS |
|---|---|---|---|---|
| 2 | Left/right drawer sides | | SW | TS |
| 2 | Left/right drawer sides exterior | 1 | SW | TS |
| 3 | Back fixing left/right | | SW | TS |
| 3 | Sink back fixing, left/right | 1 | SW | TS |
| 4b | Front fixing left/right | | SW | TS |
| 5 | Front piece without groove | | SW | TS |
| 5 | Front piece with groove | | SW | TS |
| 6a | Handle | | SW | S |
| 6b | Handle and latch | | SW | S |
| 7 | Cross gallery | | SW | TS |
| 9 | BOXCOVER left/right | | SW | TS |
| 9 | BOXCAP left/right | | SW | TS |
| 11 | Left/right drawer sides interior | 1 | SW | TS |
| 12 | Back fixing left/right | 1 | SW | TS |

1 Sink cabinet

| Colour | |
|---|---|
| SW | Silk white |
| TS | Terra black |
| S | Black |





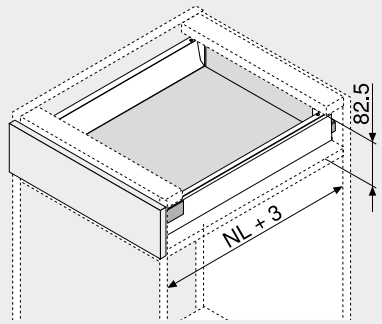

## Drawer – N

Webcode
DQBVPA



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

| 1 | Cabinet profiles left/right | | |
|---|---|---|---|
| | BLUMOTION | | |
| Nominal length | Dynamic carrying capacity (kg) | | |
| NL (mm) | 30 | | |
| 400 | 578.4001B | | |
| 450 | 578.4501B | | |
| 500 | 578.5001B | | |
| 550 | 578.5501B | | |

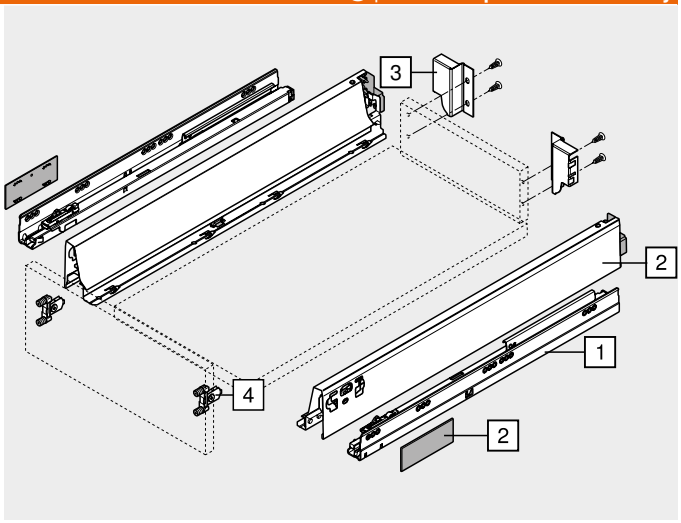
| 2 | Left/right drawer sides | | |
|---|---|---|---|
| | Material | Steel | |
| Nominal length | Colour | | |
| NL (mm) | SW \| TS | | |
| 400 | 378N4002SA | | |
| 450 | 378N4502SA | | |
| 500 | 378N5002SA | | |
| 550 | 378N5502SA | | |

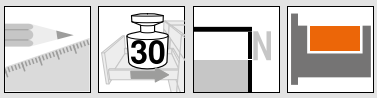
Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

| 3 | Back fixing left/right | | |
|---|---|---|---|
| | Colour | Material | Part no. |
| | SW \| TS | Steel | Z30N000S.04 |

| 4 | Front fixing bracket | | |
|---|---|---|---|
| | Fixing method | | Part no. |
| | INSERTA | 2 x | ZSF.39A2 |
| | Screw-on | 2 x | ZSF.35A2 |
| | Knock-in | 2 x | ZSF.36A2 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | TS | Terra black |





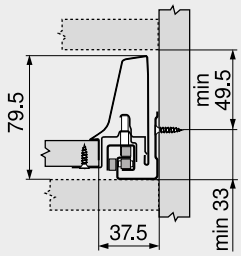


# Drawer – N

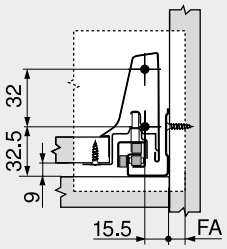
Webcode
DQBVPA

## Planning

### Space requirement in cabinet

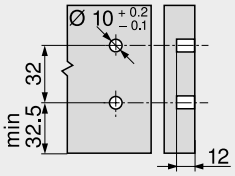



### Installation dimensions – front – screw-on

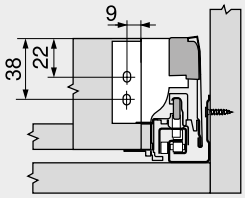



FA Front overlay

### Drilling distances – front – INSERTA | knock-in



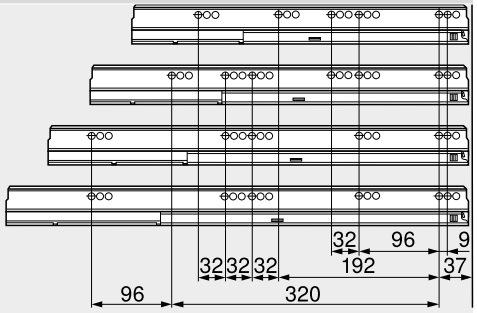

### Installation dimensions – back




### Screw position – cabinet profiles

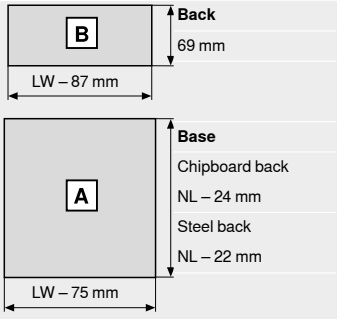
**Nominal length NL (mm)**

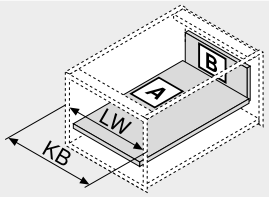
400
450
500
550




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | More technical details | 686 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | **Short-URL** | |
| CABLOXX | 586 | | | www.blum.com/a340 | |
| Accessories – steel back | 291 | | | | |
| Accessories | 291 | | | | |
| Cabinet profile fixing positions | 295 | | | | |





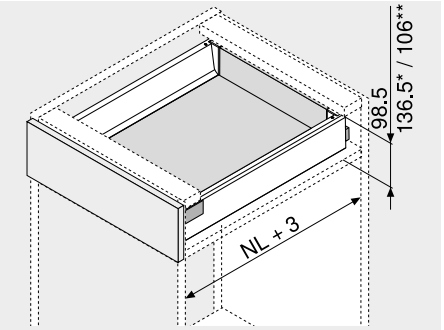

## Drawer | inner drawer – M

| Web-code | | |
|---|---|---|
| | Drawer | DQBWEM |
| | Inner drawer | DQBX3Y |



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature
- Inner drawers either with handle or handle and latch

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Inner drawer |
| ** | Inner drawer with handle |

### Order information

@ | ☎ Check product availability

■ Drawer □ Inner drawer

**1 ■□ Cabinet profiles left/right**



**BLUMOTION**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 ■□ Left/right drawer sides**



**Material** Steel

| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 270 | 378M2702SA |
| 300 | 378M3002SA |
| 350 | 378M3502SA |
| 400 | 378M4002SA |
| 450 | 378M4502SA |
| 500 | 378M5002SA |
| 550 | 378M5502SA |
| 600 | 378M6002SA |
| 650 | 378M6502SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 ■□ Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z30M000S.04 |

**4a ■ Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

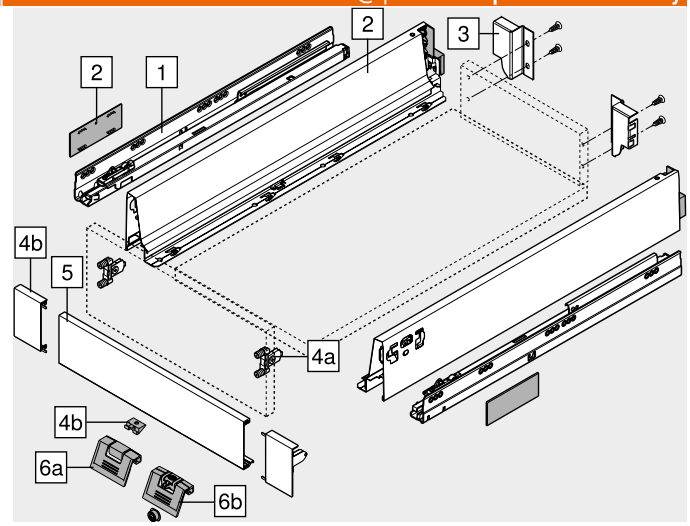
**4b □ Front fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | ZIF.80M0.01 |

**Composed of:**

| | | |
|---|---|---|
| 4b | 1 x | Front fixing left/right |
| 4b | 1 x | Locking piece – Z31A0008 |




**5 □ Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS | 1036 | Z31L1036A |

**Cutting** Internal cabinet width LW – 132 mm

### a Accessories

**6a □ Handle**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S | Nylon | ZIF.80M5 |

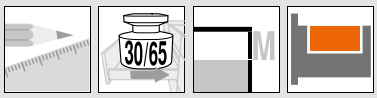
**Alternative to 6a**

**6b □ Handle and latch**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S | Nylon | ZIF.80M7 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | | |



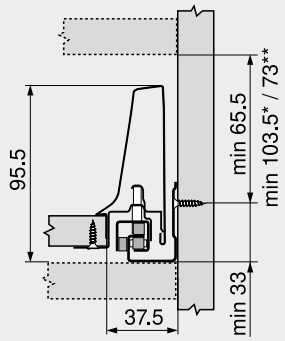



## Drawer | inner drawer – M

| Web-code | | |
|---|---|---|
| | Drawer | DQBWEM |
| | Inner drawer | DQBX3Y |

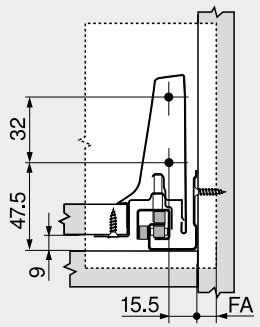
### Planning

#### Space requirement in cabinet



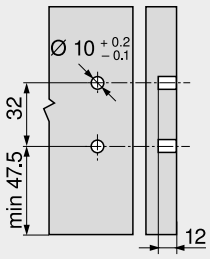

* Inner drawer
** Inner drawer with handle possible from height 73 mm

#### Installation dimensions – front – screw-on

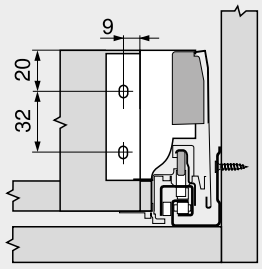



FA Front overlay

#### Drilling distances – front – INSERTA | knock-in

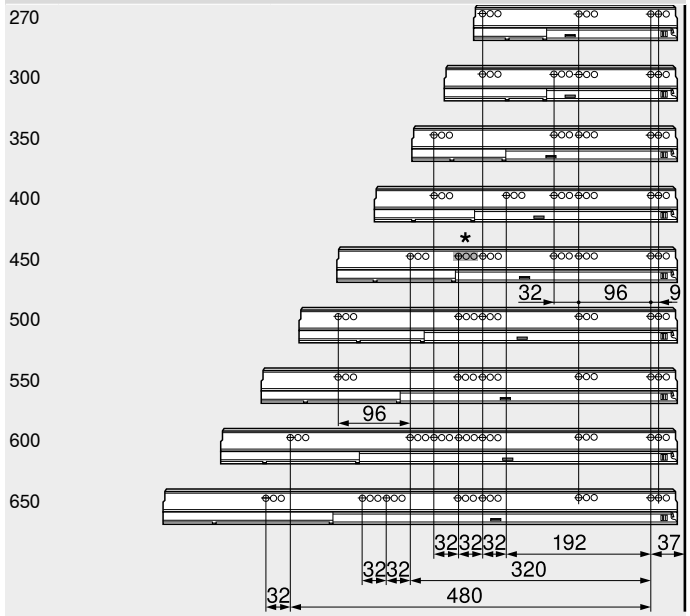



#### Installation dimensions – back



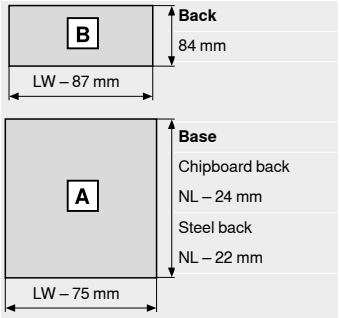

#### Screw position – cabinet profiles

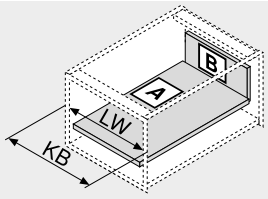
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

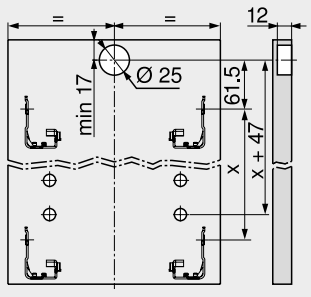
#### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

#### Drilling distances – front – latch




Inner drawer

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | Cabinet profile fixing positions | 295 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | More technical details | 686 | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a340 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 291 | | | | |
| Accessories | 291 | | | | |





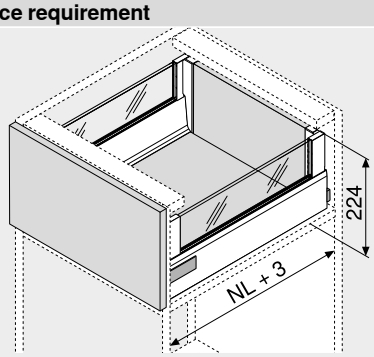

## High fronted pull-out | inner pull-out – BOXCOVER – D

| Web-code | | |
|---|---|---|
| | High fronted pull-out | DQBYIM |
| | Inner pull-out | DQC1BY |



- With BOXCOVER and design element
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

■ High fronted pull-out ☐ Inner pull-out

**1 ■☐ Cabinet profiles left/right**



**BLUMOTION**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 ■☐ Left/right drawer sides**



**Material** Steel

| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 270 | 378L2702SA |
| 300 | 378L3002SA |
| 350 | 378L3502SA |
| 400 | 378L4002SA |
| 450 | 378L4502SA |
| 500 | 378L5002SA |
| 550 | 378L5502SA |
| 600 | 378L6002SA |
| 650 | 378L6502SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 ■☐ Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z30D000SL |

**4a ■ Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZSF.5220 |
| EXPANDO | 2 x | ZSF.532E |

**4b ☐ Front fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | ZIF.81D0.01 |

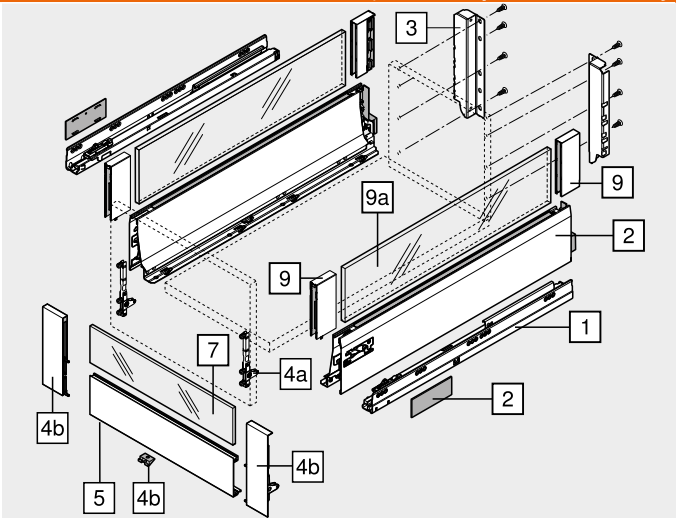
**Composed of:**
4b 1 x Front fixing left/right
4b 1 x Locking piece – Z31A0008

**5 ☐ Front piece with groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS | 1036 | Z31L1036AN |

Cutting Internal cabinet width LW – 132 mm




**7 ☐ Glass design element (for inner pull-out front)**



| Material | Part no. |
|---|---|
| Glass | Z37GxxxD |

For order specification, see design element

**9 ■☐ BOXCOVER left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z36L002G.S |

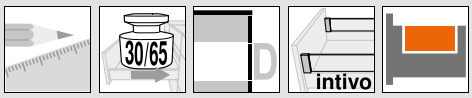
**9a ■☐ Glass design element (side)**



| Material | Part no. |
|---|---|
| Glass | Z37GxxxD |

For order specification, see design element

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | TS | Terra black |



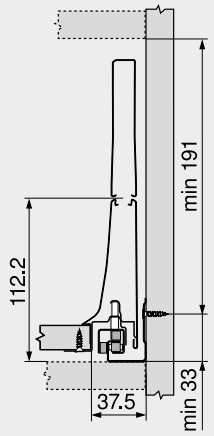



## High fronted pull-out | inner pull-out – BOXCOVER – D

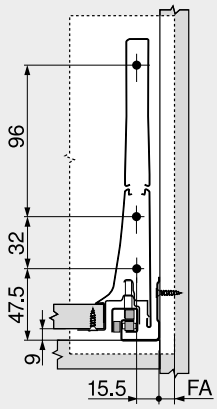
| Web-code | | |
|---|---|---|
| | High fronted pull-out | DQBYIM |
| | Inner pull-out | DQC1BY |

### Planning

#### Space requirement in cabinet

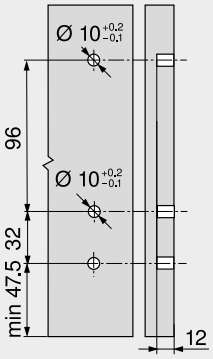



#### Installation dimensions – front – screw-on

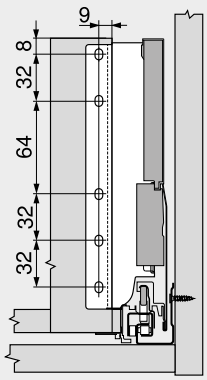



FA Front overlay

#### Drilling distances – front – EXPANDO front

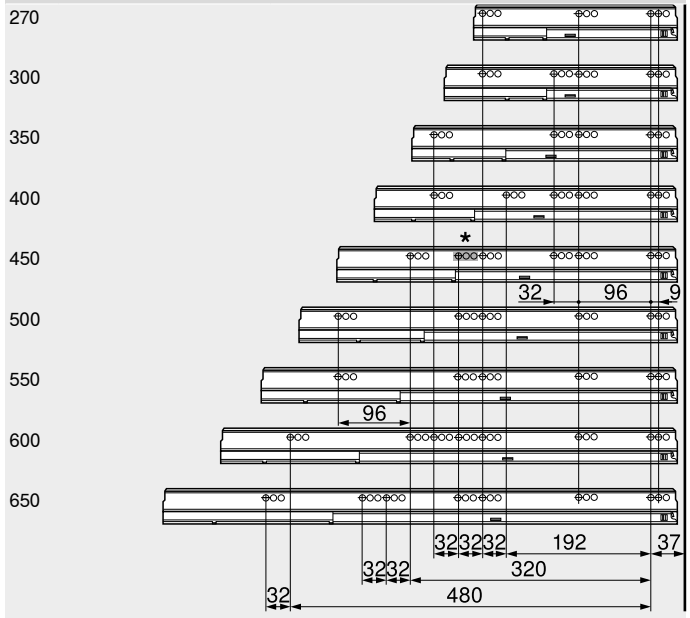



#### Installation dimensions – back



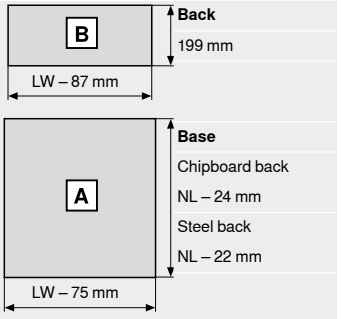

### Screw position – cabinet profiles

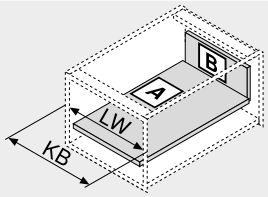
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

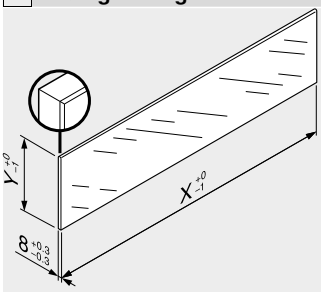
### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Front | LW – 118 | 100 |
| Side | NL – 60 | 100 |

LW Internal cabinet width
NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | Accessories | 291 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 295 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | Overview – assembly devices | 595 | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | Short-URL | |
| CABLOXX | 586 | | | www.blum.com/a340 | |
| Design element | 290 | | | | |
| Accessories – steel back | 291 | | | | |





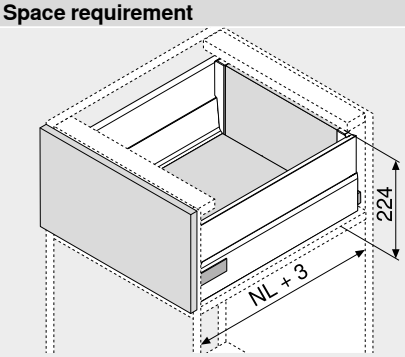

## High fronted pull-out | inner pull-out – BOXCAP – D

| Web-code | | |
|---|---|---|
| | High fronted pull-out | DQBXTA |
| | Inner pull-out | DQC0MM |



- With BOXCAP
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

■ High fronted pull-out □ Inner pull-out

**1 ■□ Cabinet profiles left/right**



BLUMOTION

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 ■□ Left/right drawer sides**



Material Steel

| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 270 | 378L2702SA |
| 300 | 378L3002SA |
| 350 | 378L3502SA |
| 400 | 378L4002SA |
| 450 | 378L4502SA |
| 500 | 378L5002SA |
| 550 | 378L5502SA |
| 600 | 378L6002SA |
| 650 | 378L6502SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 ■□ Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z30D000SL |

**4a ■ Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZSF.5220 |
| EXPANDO | 2 x | ZSF.532E |

**4b □ Front fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | ZIF.82D0.01 |

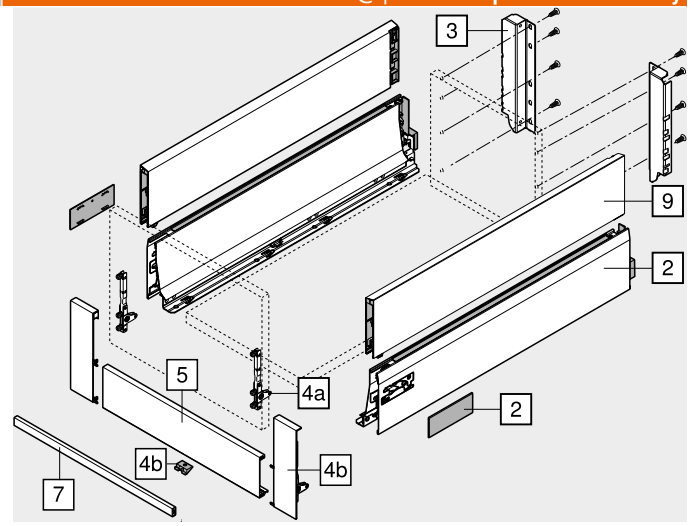
**Composed of:**
4b 1 x Front fixing left/right
4b 1 x Locking piece – Z31A0008

**5 □ Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS | 1036 | Z31L1036A |

Cutting Internal cabinet width LW – 132 mm




**7 □ Cross gallery**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS | 1046 | ZRG.1046Z |

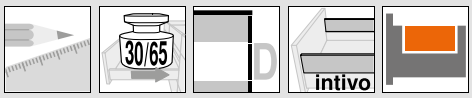
Cutting Internal cabinet width LW – 122 mm

**9 ■□ BOXCAP left/right**



| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 270 | Z37L260S.D |
| 300 | Z37L290S.D |
| 350 | Z37L340S.D |
| 400 | Z37L390S.D |
| 450 | Z37L440S.D |
| 500 | Z37L490S.D |
| 550 | Z37L540S.D |
| 600 | Z37L590S.D |
| 650 | Z37L640S.D |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | TS | Terra black |

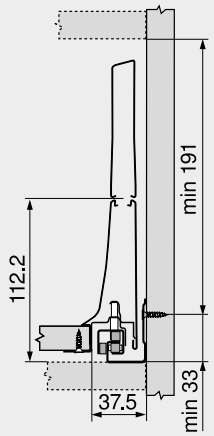



## High fronted pull-out | inner pull-out – BOXCAP – D

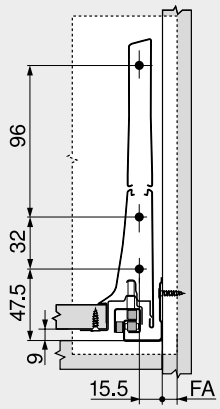
| Web-code | | |
|---|---|---|
| | High fronted pull-out | DQBXTA |
| | Inner pull-out | DQC0MM |

### Planning

#### Space requirement in cabinet

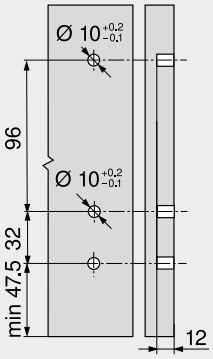



#### Installation dimensions – front – screw-on

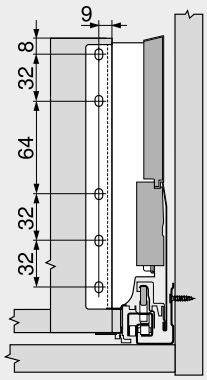



FA Front overlay

#### Drilling distances – front – EXPANDO front

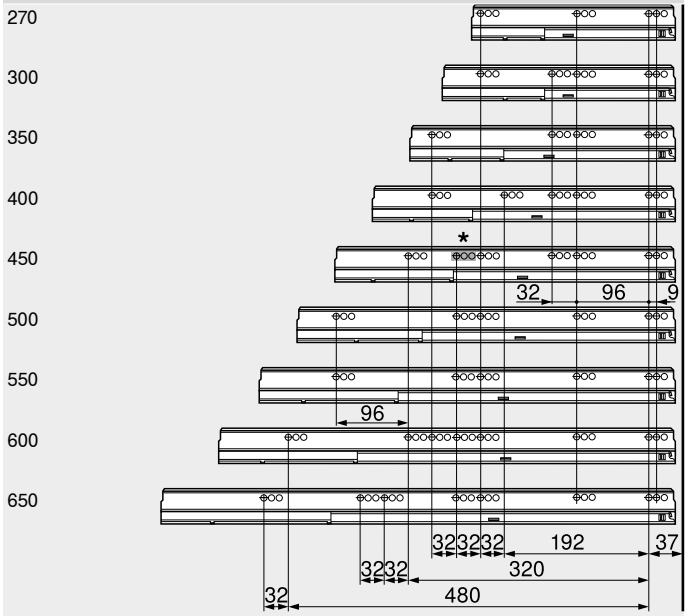



#### Installation dimensions – back



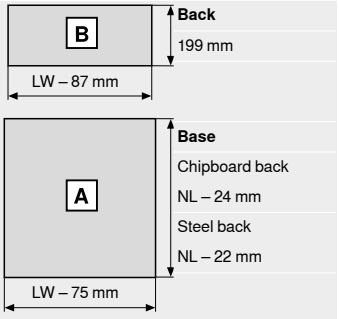

#### Screw position – cabinet profiles

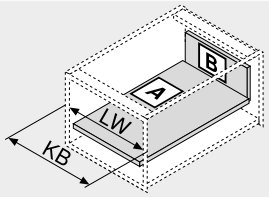
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

#### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | Cabinet profile fixing positions | 295 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | More technical details | 686 | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a340 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 291 | | | | |
| Accessories | 291 | | | | |





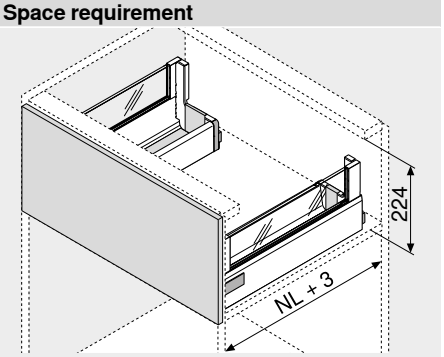

## High fronted pull-out – BOXCOVER – D

Webcode DQBZXA



- Can be combined with standard components
- With BOXCOVER and design element
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 450 | 578.4501B | |
| 500 | 578.5001B | |
| 550 | 578.5501B | |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides exterior**

Material: Steel

| Nominal length | Colour |
|---|---|
| NL (mm) | SW \| TS |
| 450 | 378L4502SA |
| 500 | 378L5002SA |
| 550 | 378L5502SA |
| 600 | 378L6002SA |
| 650 | 378L6502SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Sink back fixing, left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z30D000S.22 |

**4a Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZSF.5220 |
| EXPANDO | 2 x | ZSF.532E |

**4b Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

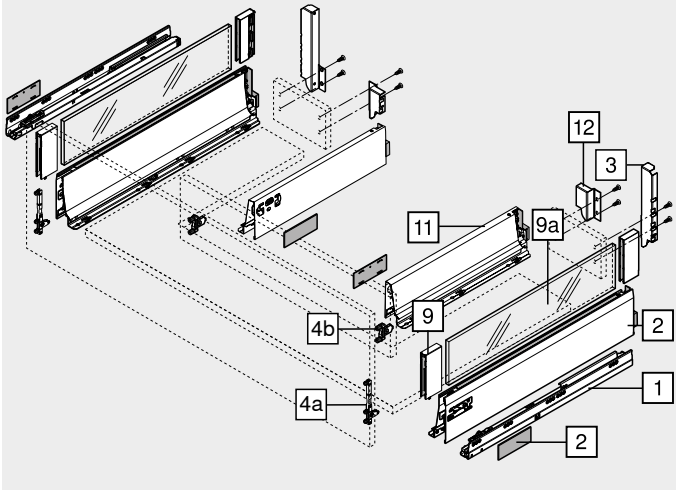
**9 BOXCOVER left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z36L002G.S |

**9a Glass design element (side)**

| Material | Part no. |
|---|---|
| Glass | Z37GxxxD |

For order specification, see design element




**11 Left/right drawer sides interior**

| Nominal length | Colour |
|---|---|
| NL (mm) | SW \| TS |
| 270 | 378M2702SA |
| 300 | 378M3002SA |
| 350 | 378M3502SA |
| 400 | 378M4002SA |
| 450 | 378M4502SA |
| 500 | 378M5002SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

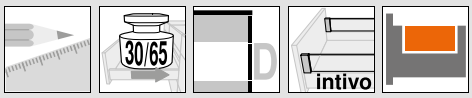
**For effective use of storage space, we recommend**

Nominal length NL drawer sides exterior (no 2) – nominal length NL drawer sides interior (no 11) = min. 150 mm

**12 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z30M000S.04 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | TS | Terra black |

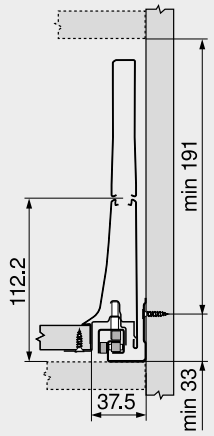



# High fronted pull-out – BOXCOVER – D

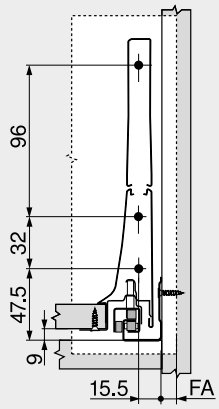
Webcode
DQBZXA

## Planning

### Space requirement in cabinet

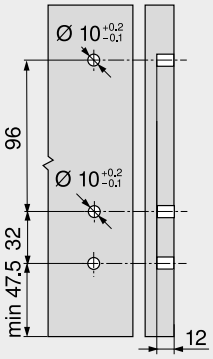



### Installation dimensions – front – screw-on

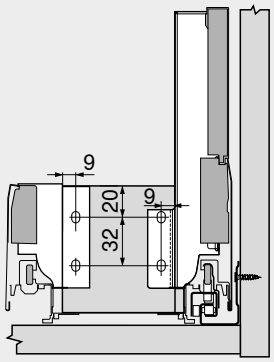



FA Front overlay

### Drilling distances – front – EXPANDO front

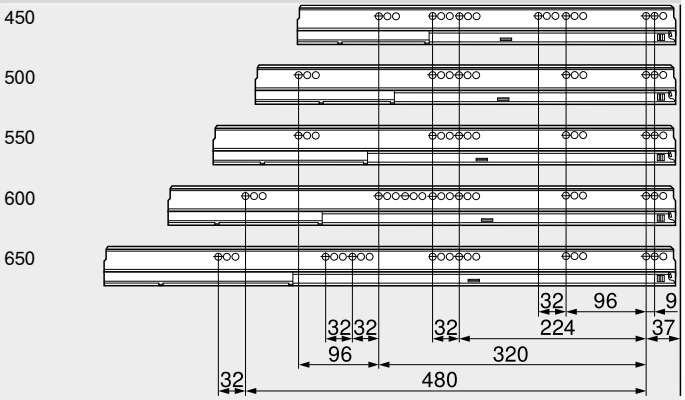



### Installation dimensions – back



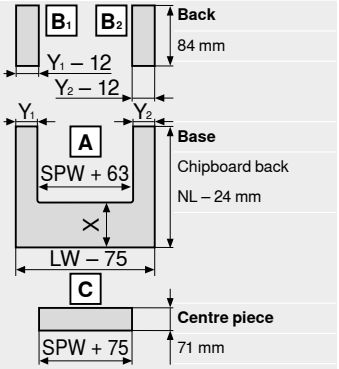

### Screw position – cabinet profiles

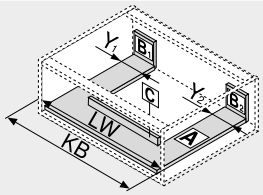
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard



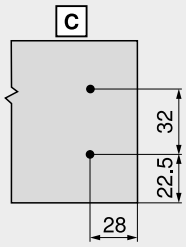




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |
| SPW | Internal width between sink drawer sides |

X = NL drawer sides exterior – NL drawer sides interior – 10 mm

| Y min. (mm) | | Y max. (mm) |
|---|---|---|
| BLUMOTION | TIP-ON BLUMOTION | |
| 48 | 75 | 225 |

### Drilling distances – centre piece




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | Accessories | 291 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 295 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | Overview – assembly devices | 595 | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | Short-URL | |
| CABLOXX | 586 | | | www.blum.com/a340 | |
| Design element | 290 | | | | |
| Cutting – design element | 290 | | | | |





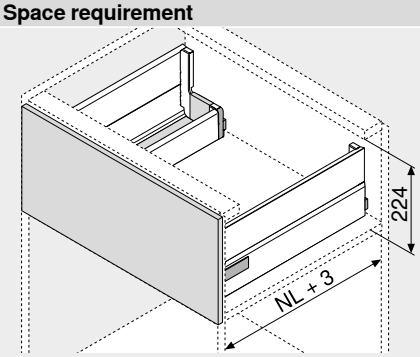

## High fronted pull-out – BOXCAP – D

Webcode DQBZ7Y



- Can be combined with standard components
- With BOXCAP
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

**1 Cabinet profiles left/right**



**BLUMOTION**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 450 | 578.4501B | |
| 500 | 578.5001B | |
| 550 | 578.5501B | |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides exterior**



**Material** Steel

| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 450 | 378L4502SA |
| 500 | 378L5002SA |
| 550 | 378L5502SA |
| 600 | 378L6002SA |
| 650 | 378L6502SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Sink back fixing, left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z30D000S.22 |

**4a Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZSF.5220 |
| EXPANDO | 2 x | ZSF.532E |

**4b Front fixing bracket**

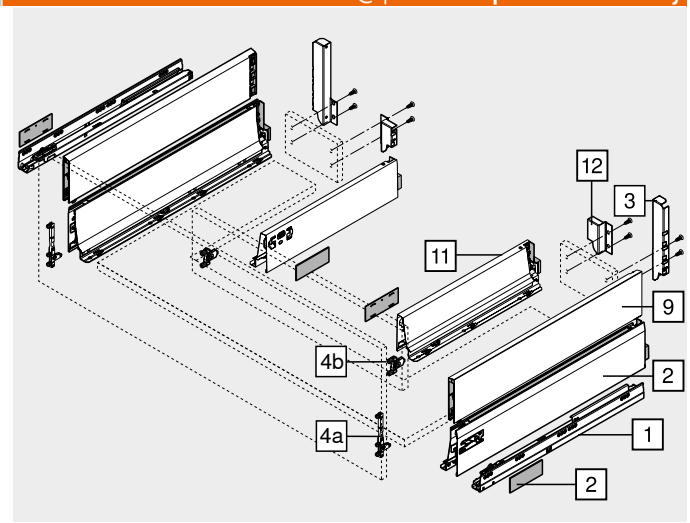


| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

**9 BOXCAP left/right**



| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 450 | Z37L440S.D |
| 500 | Z37L490S.D |
| 550 | Z37L540S.D |
| 600 | Z37L590S.D |
| 650 | Z37L640S.D |




**11 Left/right drawer sides interior**



| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 270 | 378M2702SA |
| 300 | 378M3002SA |
| 350 | 378M3502SA |
| 400 | 378M4002SA |
| 450 | 378M4502SA |
| 500 | 378M5002SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**For effective use of storage space, we recommend**

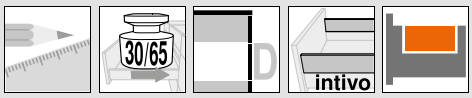
Nominal length NL drawer sides exterior (no 2) – nominal length NL drawer sides interior (no 11) = min. 150 mm

**12 Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z30M000S.04 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | TS | Terra black |

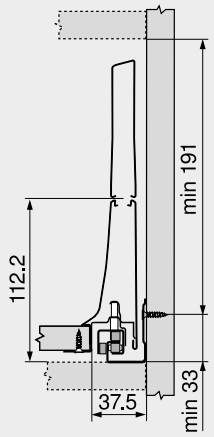



# High fronted pull-out – BOXCAP – D

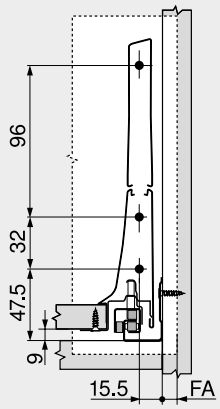
Webcode
DQBZ7Y

## Planning

### Space requirement in cabinet

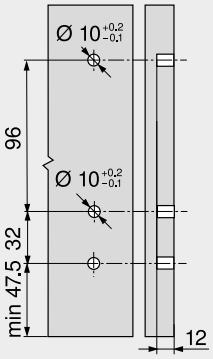



### Installation dimensions – front – screw-on

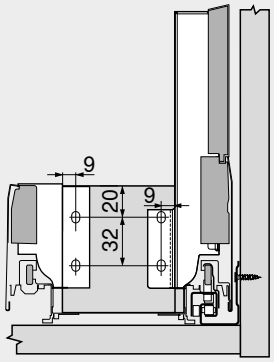



FA Front overlay

### Drilling distances – front – EXPANDO front

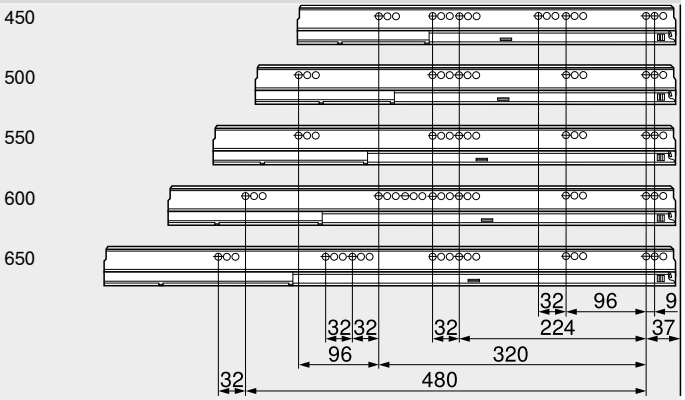



### Installation dimensions – back



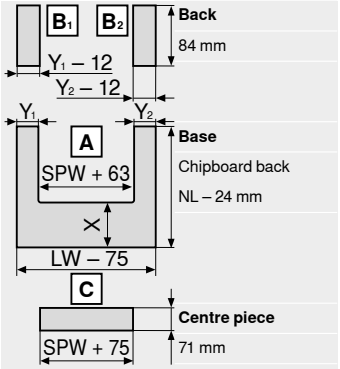

### Screw position – cabinet profiles

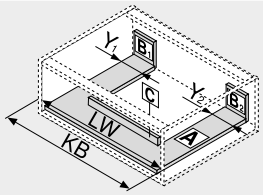
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard



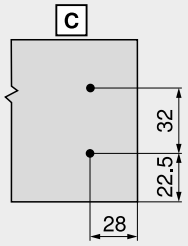




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |
| SPW | Internal width between sink drawer sides |

X = NL drawer sides exterior – NL drawer sides interior – 10 mm

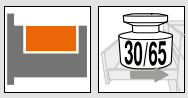
| Y min. (mm) | | Y max. (mm) |
|---|---|---|
| BLUMOTION | TIP-ON BLUMOTION | |
| 48 | 75 | 225 |

### Drilling distances – centre piece




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | Assembly, removal and adjustment | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | More technical details | 686 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a340 | |
| CABLOXX | 586 | | | | |
| Accessories | 291 | | | | |
| Cabinet profile fixing positions | 295 | | | | |






## SPACE TOWER

Webcode
DQGQXA



- The flexible larder unit with inner pull-outs; with shelves and inner drawers in the upper area
- Easy access from three sides
- Individually opening pull-outs allow for a complete overview and convenient removal from above
- Light operating forces even with heavily-laden pull-outs
- High backs and side panels guarantee secure stocking
- ORGA-LINE inner dividing systems for pull-outs puts everything in order and allows easy access
- Flexible cabinet dimensions possible



### Order information

@ | ☎ Check product availability

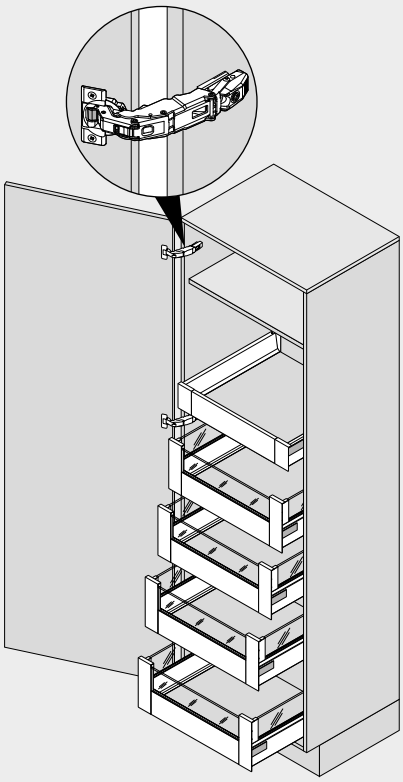
| Application recommendation | Page |
|---|---|
| Inner drawer – M | 276 |
| Inner pull-out – BOXCOVER – D | 278 |
| Inner pull-out – BOXCAP – D | 280 |
| ORGA-LINE for TANDEMBOX intivo – cross divider | 560 |
| CLIP top BLUMOTION 155° hinge | 104 |

| Recommendation | |
|---|---|
| Cabinet width (mm) | 275–1200 |

### Planning

**Help with planning and ordering**

Short-URL
www.blum.com/planningtools



### Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | | | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a340 | |
| CLIP top BLUMOTION 155° hinge | 104 | | | | |
| Overview – BLUMOTION for doors | 185 | | | | |
| Accessories | 291 | | | | |
| Overview – assembly devices | 595 | | | | |



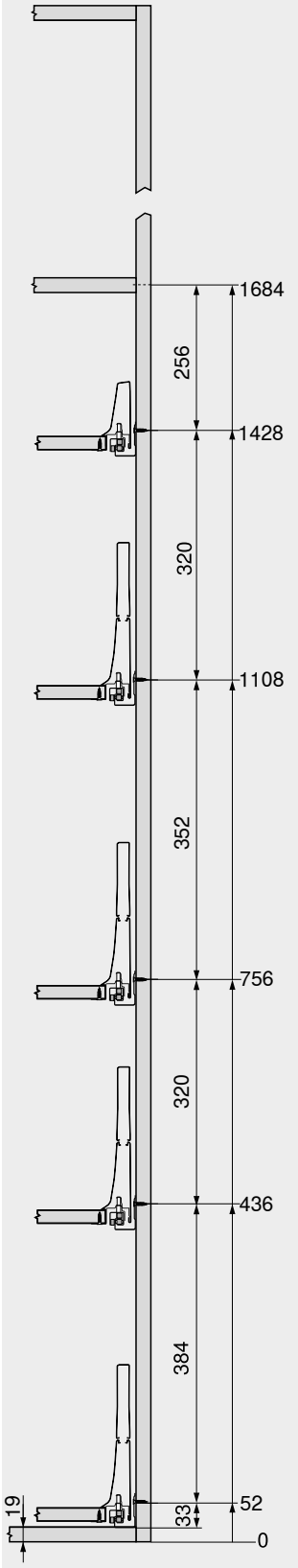

## SPACE TOWER

Webcode
DQGQXA

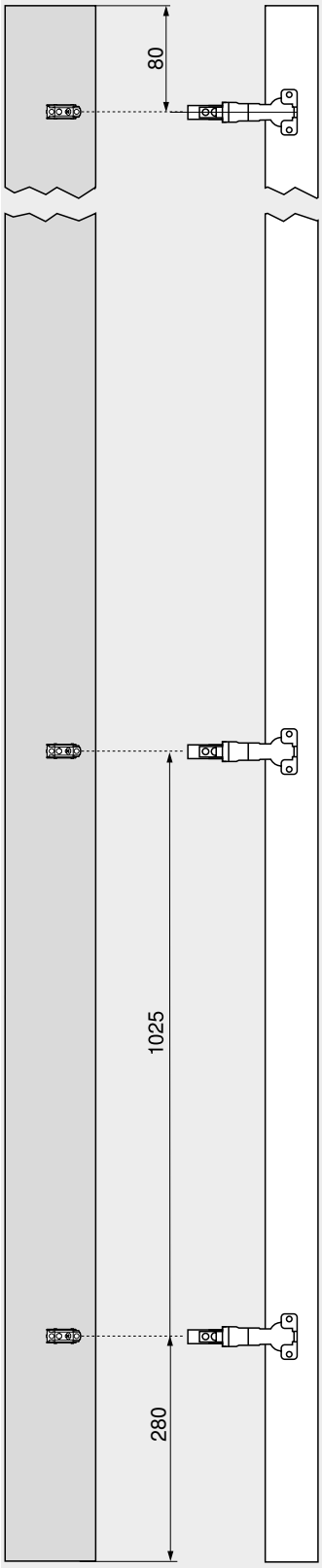
### Planning

**Recommendation**

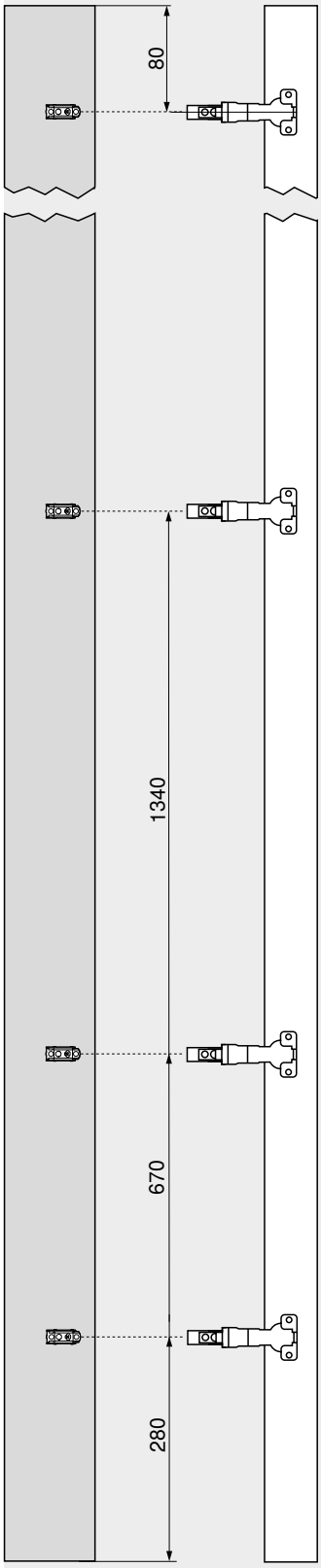
**Positioning in the cabinet**




**Drilling distances – front**




**Drilling distances – front**




In high cabinets, it is practical to have a shelf at the highest level rather than an inner drawer

The inner drawer allows access from the side. If the inner drawer is implemented with a higher back, stored goods are prevented from falling down the back

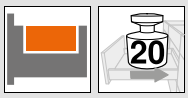
The option to position the pull-outs at different heights within the cabinet guarantees that no items will be too tall to be stored inside

The CLIP top BLUMOTION 155° hinge without front protrusion allows the cabinet width to be put to optimal use

If the hinge is mounted above the pull-out, the lowest pull-out can be inserted right at the bottom. Turning even those last few centimetres into usable storage space

**Page instructions**

Number of Hinges 694





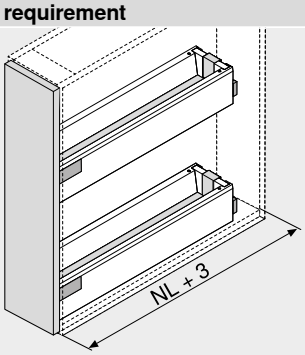

## Narrow cabinets

Webcode
DQGUFY



- Stable solution thanks to diagonally offset cabinet profiles
- Includes integrated **BLUMOTION** for silent and effortless closing action
- High dynamic carrying capacity of 20 kg per base cabinet
- Cabinet width KB 200 mm

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

| Application recommendation | Page |
|---|---|
| Drawer – M | 276 |
| High fronted pull-out – BOXCOVER – D | 278 |
| High fronted pull-out – BOXCAP – D | 280 |
| Cabinet width KB (mm) | 200 |

### Page instructions

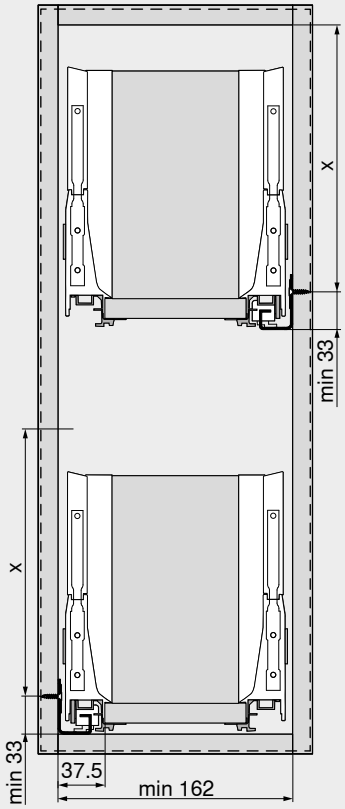
| | | | |
|---|---|---|---|
| Overview – TANDEMBOX intivo | 271 | **Assembly, removal and adjustment** | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | |
| Accessories | 291 | | |
| Overview – assembly devices | 595 | **Short-URL** | |
| More technical details | 686 | **www.blum.com/a340** | |

## Narrow cabinets

Webcode
DQGUFY

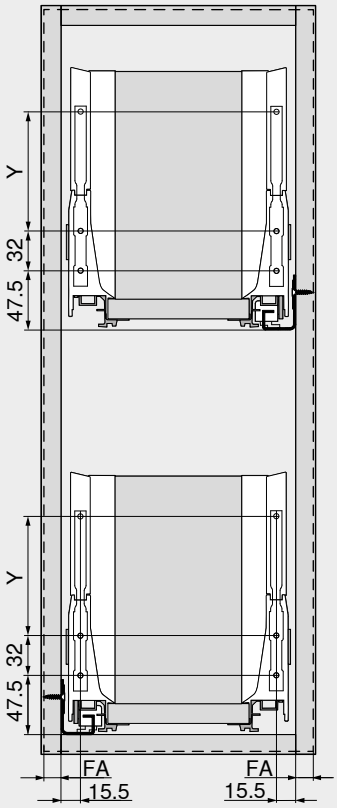
### Planning

#### Space requirement in cabinet



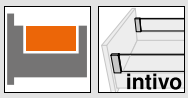

| Installation height | X (mm) |
|---|---|
| M | 65.5 |
| D | 191 |

#### Installation dimensions – front



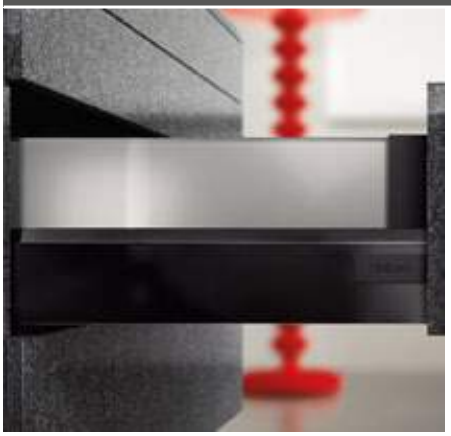

| Installation height | Height of drawer side | Side panel | Y (mm) |
|---|---|---|---|
| M | M | – | – |
| D | L | BOXCOVER | 96 |
| D | L | BOXCAP | 96 |

FA Front overlay






## Glass design element



- Unique designs for the furniture interior
- Material: glass
- Colour: clear | frosted

### Order information

@ | ☎ Check product availability

| 7 | Glass design element (for inner pull-out front) | |
|---|---|---|
| | Colour | Clear \| frosted |
| Cabinet width | Cabinet side panel thickness (mm) | |
| KB (mm) | 15/16 | 18/19 |
| 300 | Z37G150D | Z37G144D |
| 400 | Z37G250D | Z37G244D |
| 450 | Z37G300D | Z37G294D |
| 500 | Z37G350D | Z37G344D |
| 600 | Z37G450D | Z37G444D |
| 900 | Z37G750D | Z37G744D |
| 1200 | Z37G1050D | Z37G1044D |

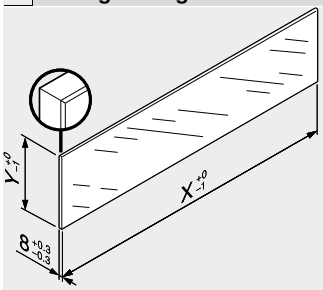
**Composed of:**
7 1 x Glass design element

| 9a | Glass design element (side) | |
|---|---|---|
| Nominal length | Colour | |
| NL (mm) | Clear \| frosted | |
| 270 | Z37G210D | |
| 300 | Z37G240D | |
| 350 | Z37G290D | |
| 400 | Z37G340D | |
| 450 | Z37G390D | |
| 500 | Z37G440D | |
| 550 | Z37G490D | |
| 600 | Z37G540D | |
| 650 | Z37G590D | |

**Composed of:**
9a 2 x Glass design element

## Planning

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Front | LW – 118 | 100 |
| Side | NL – 60 | 100 |

LW Internal cabinet width
NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

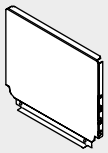
### Page instructions


| | |
|---|---|
| Overview – TANDEMBOX intivo | 271 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a340

## Steel back



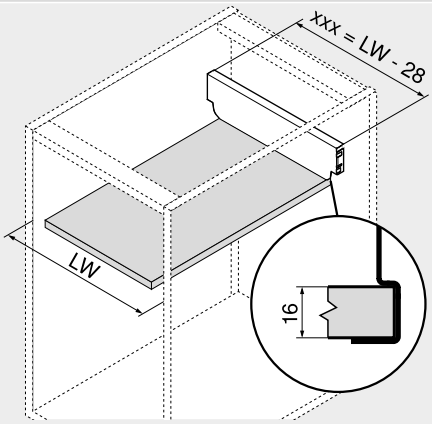
- For TANDEMBOX
- Material: steel
- Colour: silk white | terra black

**Order information**

| Back height | Part no. |
|---|---|
| N | ☎ Z30NxxxS.6 |
| M | ☎ Z30MxxxS.6 |
| D | ☎ Z30DxxxS.6 |

### Planning

#### Calculation of width

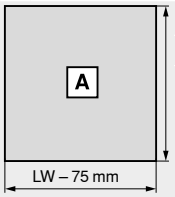



**xxx = LW – 28**

**Example**
Back wall height M
LW = 567 mm
**539 mm** = 567 – 28 mm
**Order**
**Z30M539S.6**

| | |
|---|---|
| xxx | Back width |
| LW | Internal cabinet width |

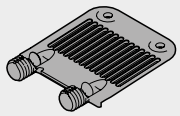
#### Cutting – 16 mm chipboard




**Base**
NL – 22 mm

| | |
|---|---|
| NL | Nominal length |
| LW | Internal cabinet width |

## Front/base stabiliser



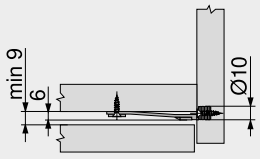
- For stabilising wide and high fronts
- Reinforces the connection between the drawer side and the front

**Order information**

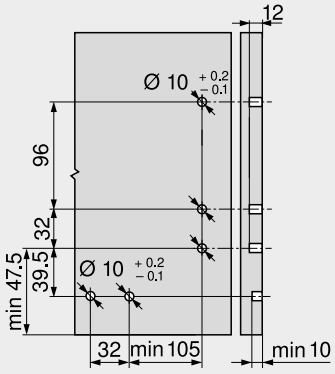
| Fixing method | Colour | Part no. |
|---|---|---|
| EXPANDO | RAL 7037 dust grey | Z96.10E1 |

### Planning

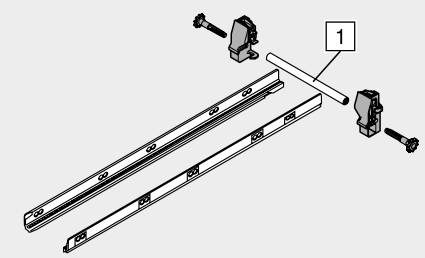
#### Space requirement in cabinet




#### Drilling distances – front



## Side stabilisation – top mounted




- Additional stabilisation for extra wide high fronted pull-outs
- Recommendation: cabinet width KB 900–1200 mm
- Aluminium rod suitable for KB up to 1200 mm, for cutting to size
- Suitable for use with SERVO-DRIVE

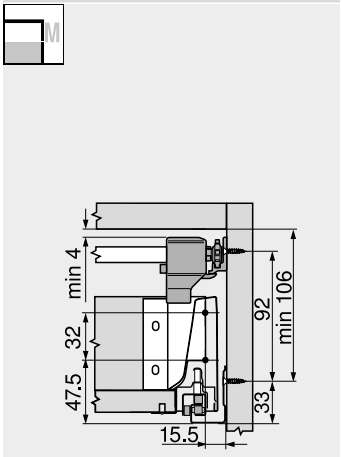
### Order information

| Nominal length NL (mm) | Part no. |
|---|---|
| 450 | ZST.450BA |
| 500 | ZST.500BA |
| 550 | ZST.550BA |
| 600 | ZST.600BA |
| 650 | ZST.650BA |

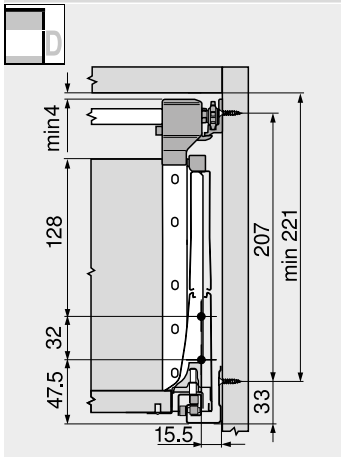
Cutting
1 Internal cabinet width LW – 86 mm

### Planning

**Space requirement in cabinet**

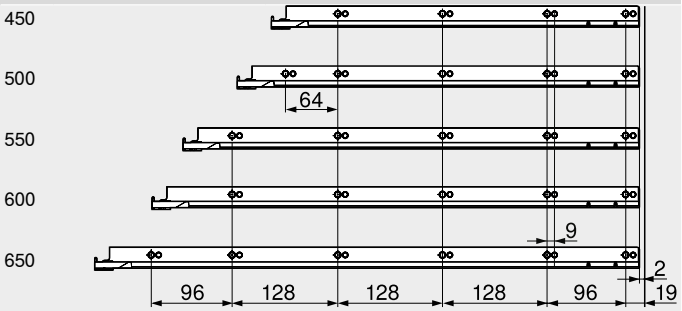



**Space requirement in cabinet**




### Screw position – side stabilisation

**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

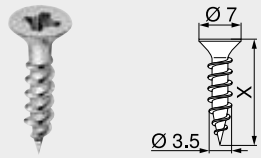
### Page instructions

| | |
|---|---|
| Overview – TANDEMBOX intivo | 271 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a340

## Chipboard screws — Ø 3.5 mm

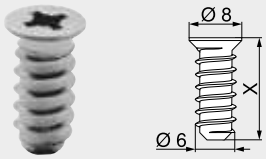



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

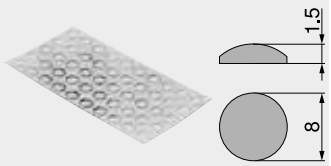


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver

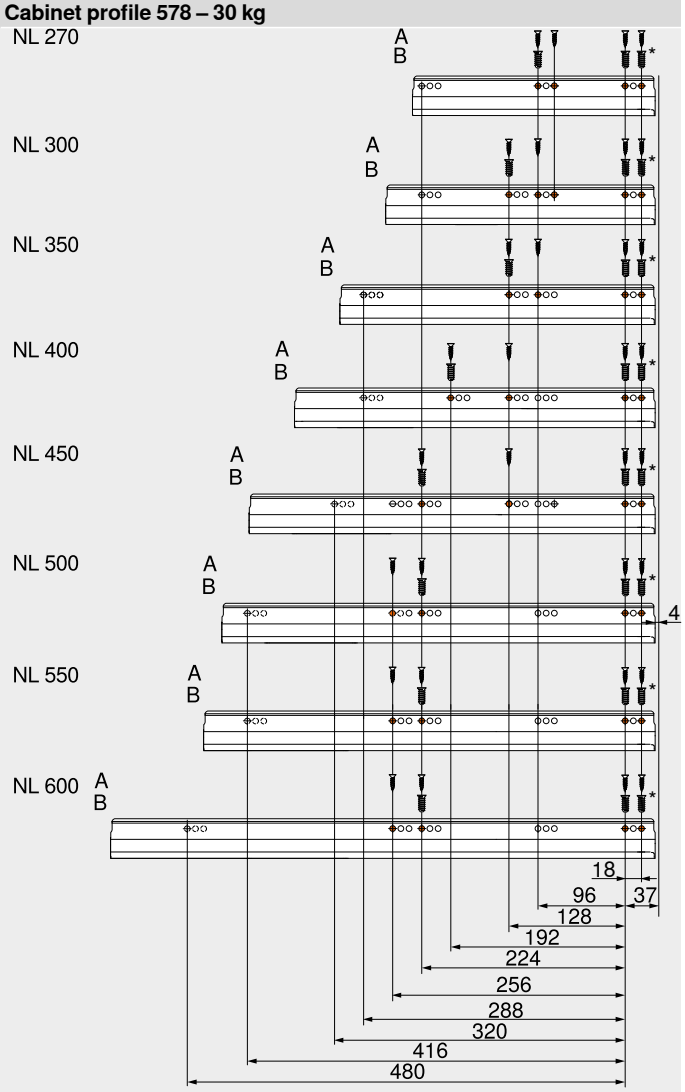


- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

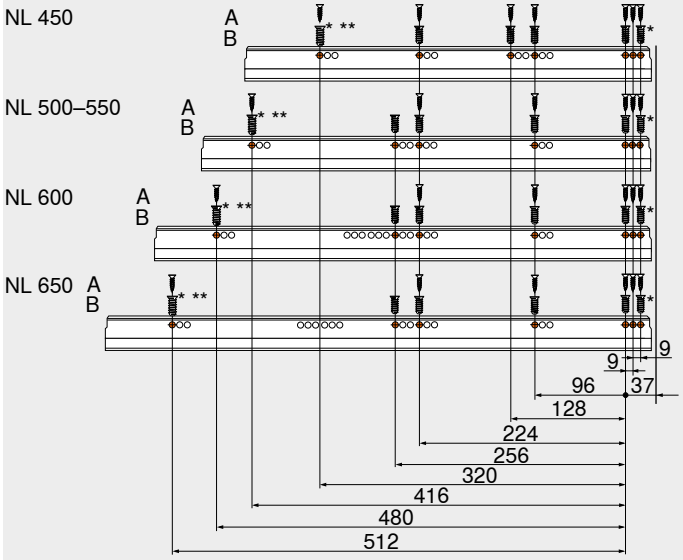
| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## Cabinet profile 578 – 30 kg



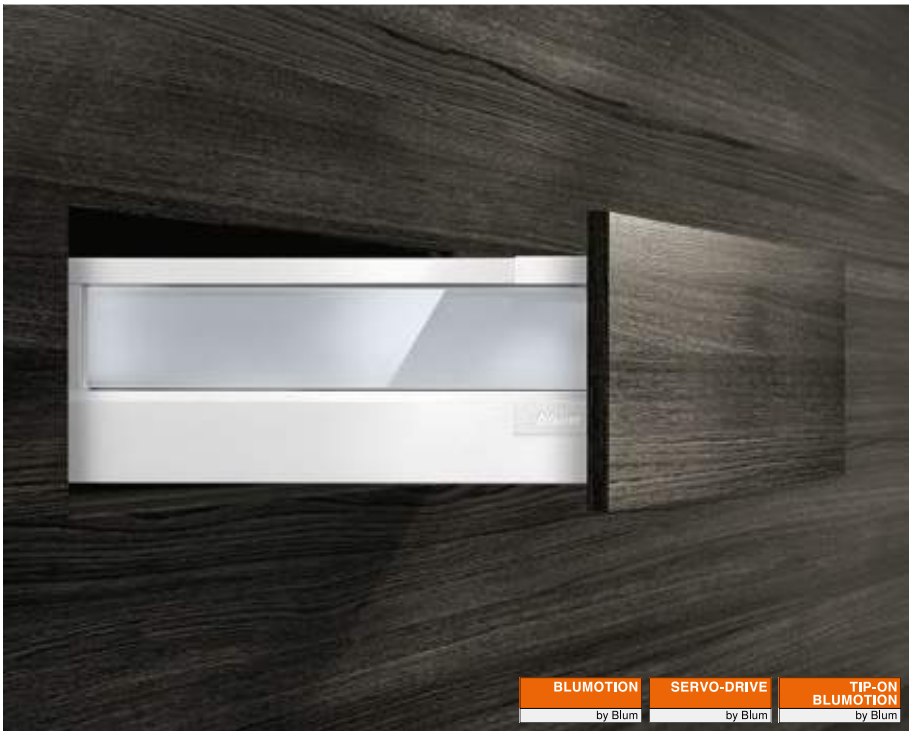

| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | For increased stability |
| | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet profile 576 – 65 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |
| ** | For increased stability |

## The minimalist line – rectangular with a clear design all the way down the line




TANDEMBOX antaro has a clearly defined, rectangular design. It can be combined with a gallery or with a design element to produce a closed drawer box. All the components have been colour-coordinated, underlining the minimalist design.

You also have the option of combining the different opening support systems as you wish. SERVO-DRIVE, the electrical opening support system in combination with BLUMOTION, or TIP-ON BLUMOTION, the mechanical opening support system, combined with BLUMOTION.



The square gallery underlines the minimalist product design. With glass or aluminium design elements, the drawer box can be closed at the side within a matter of seconds. Other materials are also possible, such as wood





All nylon components are matched with the relevant drawer side colour, helping to create a harmoniously simple overall appearance



TANDEMBOX has long proven its worth and offered enhanced ease of use and scope for design for many years. Technological improvements ensure even smoother opening, noticeably more stability and an optimised feather-light glide



For simple product selection and ordering of the available range, use our Product Configurator

**Short-URL**
**www.blum.com/configurator**

## Box systems


Symbolic image


| | | | | |
|---|---|---|---|---|
| Overview – box systems | 217 | ► | METABOX | 410 |
| ► LEGRABOX | 218 | | | |
| ► TANDEMBOX intivo | 270 | | | |
| ► TANDEMBOX plus | 344 | | | |
| ► TIP-ON BLUMOTION for TANDEMBOX | 372 | | | |
| ► SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 378 | | | |


## ►► Overview


Symbolic image

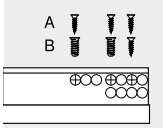

| | |
|---|---|
| ►► Overview – applications | 298 |


## ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Design element | 334 | Screws | 340 |
| Steel back | 336 | Centre bit | 340 |
| Front/base stabiliser | 336 | Door buffer | 340 |
| Side stabilisation – top mounted | 337 | Screwdriver | 341 |
| Flexible gallery fixing | 338 | | |
| Back fixing B height | 339 | | |


## ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 578 – 30 kg | 342 |
| Cabinet profile 576 – 65 kg | 342 |


## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

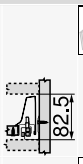
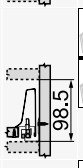
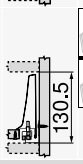
**Short-URL**
**www.blum.com/a350**

## Pictograph

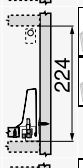
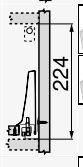
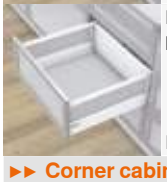
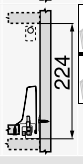
| | | | |
|---|---|---|---|
| Item Available Upon Request | | Dynamic carrying capacity (kg) | |
| General Information | | Planning | |
| Accessories | | Cutting | |
| TANDEMBOX antaro | | | |
| Gallery | | | |
| Installation height and/or min. space requirement in cabinet | | | |

## ►► Standard cabinet

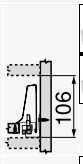
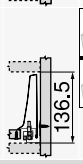
### Drawer

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
|  Drawer – N |  | 30 | DQC21A | 300 |
|  Drawer – M |  | 30 65 | DQC2QM | 302 |
|  Drawer – K |  | 30 65 | DQC3FY | 306 |

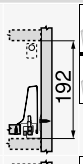
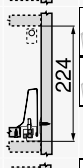
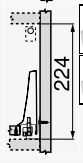
### High fronted pull-out

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
|  High fronted pull-out – gallery – C<br>Design element possible |  | 30 65 | DQC5JY | 310 |
|  High fronted pull-out – gallery – D<br>Design element possible |  | 30 65 | DQC69A | 314 |
|  High fronted pull-out – gallery – D – K drawer side |  | 30 65 | DQC6YM | 318 |
|  High fronted pull-out – gallery – C – alu frames<br>Design element possible |  | 30 65 | DQC7NY | 322 |
|  High fronted pull-out – gallery – D – alu frames<br>Design element possible |  | 30 65 | DQC8DA | 324 |

### Inner drawer

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
|  Inner drawer – M |  | 30 65 | DQC45A | 304 |
|  Inner drawer – K |  | 30 65 | DQC4UM | 308 |

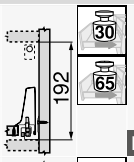
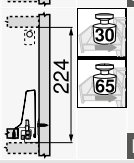
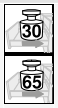
### Inner pull-out

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
|  Inner pull-out – gallery – C<br>Design element possible |  | 30 65 | DQCAHA | 312 |
|  Inner pull-out – gallery – D<br>Design element possible |  | 30 65 | DQCB6M | 316 |
|  Inner pull-out – gallery – D – K drawer side |  | 30 65 | DQCBVY | 320 |

## ►► Corner cabinet

| | | | | |
|---|---|---|---|---|
|  SPACE CORNER with SYNCROMOTION<br>Help with planning and ordering<br>Short-URL<br>www.blum.com/planningtools | | 65 | | |
|  SPACE CORNER with rigid fronts<br>Help with planning and ordering<br>Short-URL<br>www.blum.com/planningtools | | 65 | | |

kg Dynamic carrying capacity

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Sink cabinet** | | | | |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – gallery – C<br>Design element possible |  | | DQC92M | 326 |
|  High fronted pull-out – gallery – D<br>Design element possible |  | | DQC9RY | 328 |
| **►► Larder unit** | | | | |
|  SPACE TOWER<br>Cabinet width 275–1200 mm |  | | DQGRMM | 330 |
| **►► Narrow cabinets** | | | | |
|  Narrow cabinets<br>Cabinet width 200 mm |  | | DQGV5A | 332 |
| **►► Accessories** | | | | |
|  Glass design element | | | | 334 |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **Inner pull-out** | | | | |
|  Aluminium design element | | | | 335 |

kg Dynamic carrying capacity

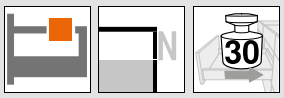
## Recommendation – colour combination of the components

| No. | Description | | Colour | | | | |
|---|---|---|---|---|---|---|---|
| | | | SW | TS | R9006 | | |
| 2 | Left/right drawer sides | | SW | TS | R9006 | | |
| 2 | Left/right drawer sides exterior | 1 | SW | TS | R9006 | | |
| 3 | Back fixing left/right | | SW | TS | R9006 | | |
| 3 | Sink back fixing, left/right | 1 | SW | TS | R9006 | | |
| 4 | Front fixing left/right | | SW | S | WGR | | |
| 5 | Front piece without groove | | SW | TS | R9006 | | |
| 6a | Handle | | SW | S | WGR | | |
| 6b | Handle and latch | | SW | S | WGR | | |
| 7 | Cross gallery | | SW | TS | R9006 | | |
| 8 | Longside gallery rail left/right | | SW | TS | R9006 | | |
| 9 | Locking piece set | | SW | S | WGR | | |
| 9a | Design element (side) | 1 | SW | TS | R9006 | | |
| 11 | Left/right drawer sides interior | 1 | SW | TS | R9006 | | |
| 12 | Back fixing left/right | 1 | SW | TS | R9006 | | |

1 Sink cabinet

| Colour | |
|---|---|
| SW | Silk white |
| TS | Terra black |
| R9006 | RAL 9006 grey (white aluminium) |

| Colour | |
|---|---|
| S | Black |
| WGR | White grey |





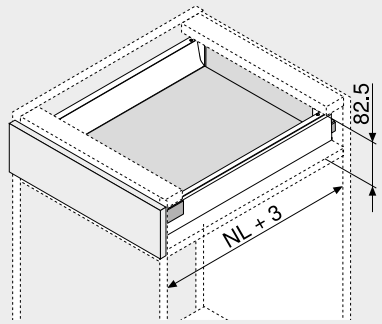

## Drawer – N

Webcode
DQC21A



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement



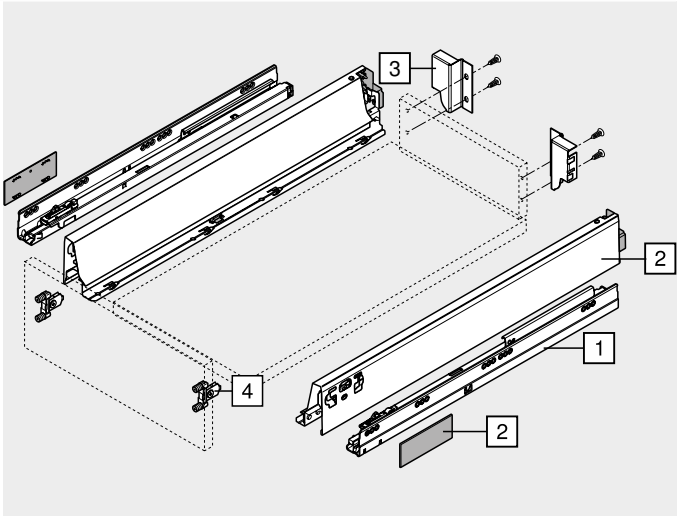

NL Nominal length

### Order information

| 1 | Cabinet profiles left/right | | |
|---|---|---|---|
| | BLUMOTION | | |
| Nominal length | Dynamic carrying capacity (kg) | | |
| NL (mm) | 30 | | |
| 400 | 578.4001B | | |
| 450 | 578.4501B | | |
| 500 | 578.5001B | | |
| 550 | 578.5501B | | |

| 2 | Left/right drawer sides | | |
|---|---|---|---|
| | Material | Steel | |
| Nominal length | Colour | | |
| NL (mm) | SW \| TS \| R9006 | | |
| 400 | 378N4002SA | | |
| 450 | 378N4502SA | | |
| 500 | 378N5002SA | | |
| 550 | 378N5502SA | | |

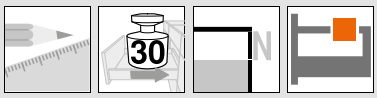
Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)




| 3 | Back fixing left/right | | |
|---|---|---|---|
| | Colour | Material | Part no. |
| | SW \| TS \| R9006 | Steel | Z30N000S.04 |

| 4 | Front fixing bracket | | |
|---|---|---|---|
| | Fixing method | | Part no. |
| | INSERTA | 2 x | ZSF.39A2 |
| | Screw-on | 2 x | ZSF.35A2 |
| | Knock-in | 2 x | ZSF.36A2 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | R9006 | RAL 9006 grey (white aluminium) |
| TS | Terra black | | |

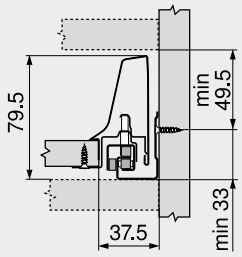



# Drawer – N

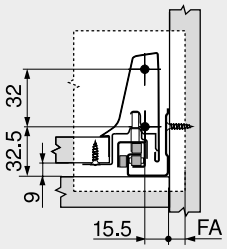
Webcode
DQC21A

## Planning

### Space requirement in cabinet

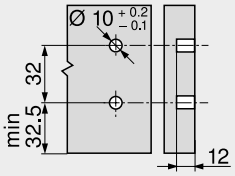



### Installation dimensions – front – screw-on

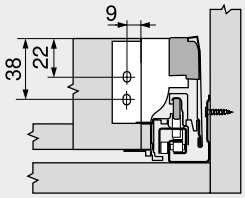



FA Front overlay

### Drilling distances – front – INSERTA | knock-in



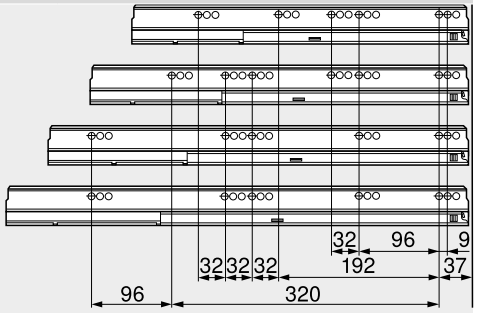

### Installation dimensions – back




### Screw position – cabinet profiles

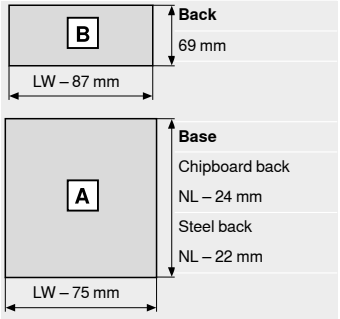
**Nominal length NL (mm)**

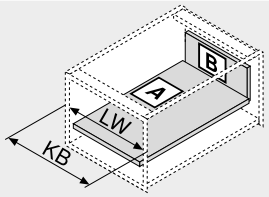
400
450
500
550




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | More technical details | 686 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| CABLOXX | 586 | | | www.blum.com/a350 | |
| Accessories – steel back | 336 | | | | |
| Accessories | 334 | | | | |
| Cabinet profile fixing positions | 342 | | | | |



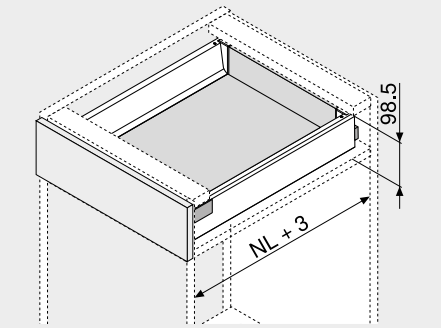

## Drawer – M

Webcode DQC2QM



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1** Cabinet profiles left/right



BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2** Left/right drawer sides



Material Steel

| Nominal length | Colour | |
|---|---|---|
| NL (mm) | SW \| TS \| R9006 | |
| 270 | 378M2702SA | |
| 300 | 378M3002SA | |
| 350 | 378M3502SA | |
| 400 | 378M4002SA | |
| 450 | 378M4502SA | |
| 500 | 378M5002SA | |
| 550 | 378M5502SA | |
| 600 | 378M6002SA | |
| 650 | 378M6502SA | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3** Back fixing left/right



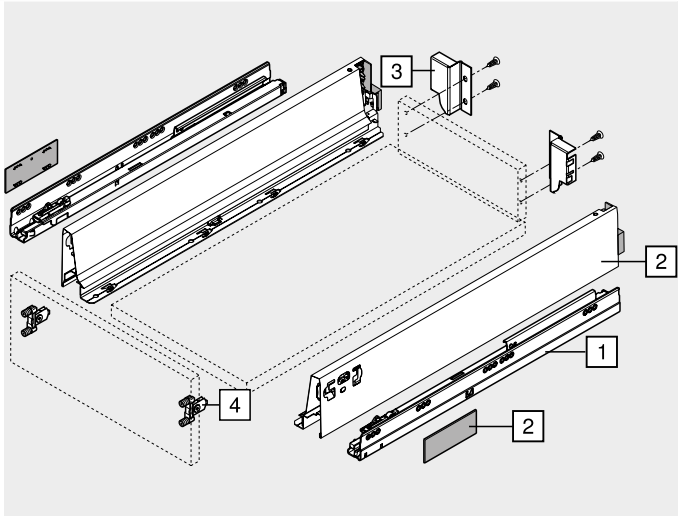
| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30M000S.04 |

**4** Front fixing bracket



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | R9006 | RAL 9006 grey (white aluminium) |
| TS | Terra black | | |

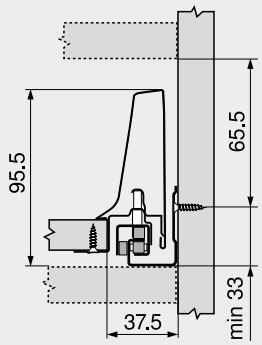


# Drawer – M

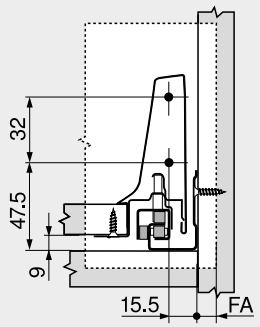
Webcode
DQC2QM

## Planning

### Space requirement in cabinet

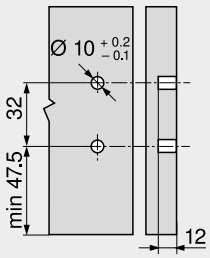



### Installation dimensions – front – screw-on

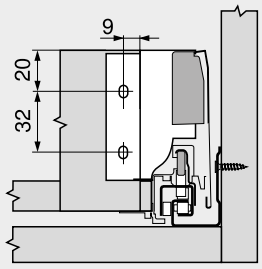



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

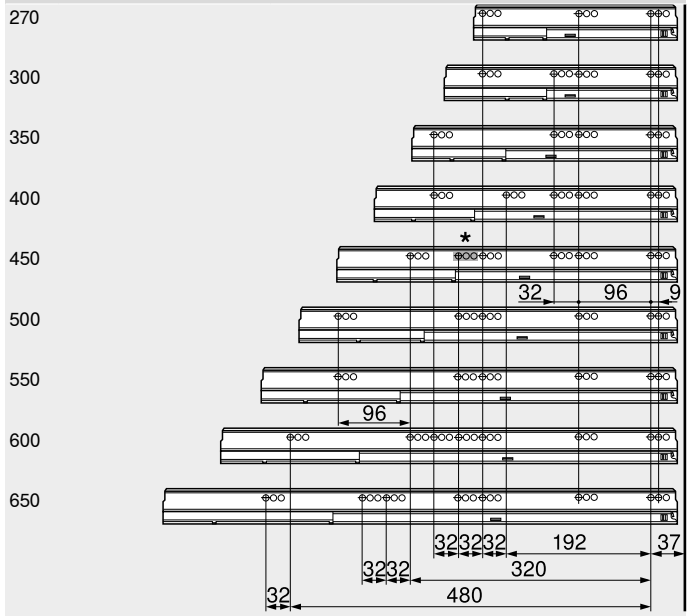



### Installation dimensions – back



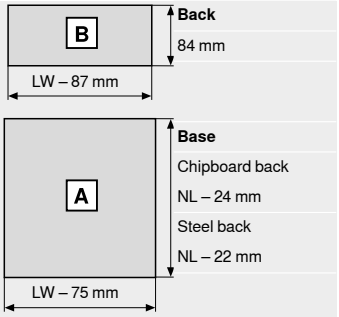

### Screw position – cabinet profiles

**Nominal length NL (mm)**



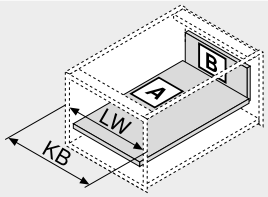

Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard




**Back**
84 mm

**Base**
Chipboard back
NL – 24 mm
Steel back
NL – 22 mm




KB Cabinet width
LW Internal cabinet width
NL Nominal length

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Cabinet profile fixing positions | 342 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | More technical details | 686 | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a350 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 336 | | | | |
| Accessories | 334 | | | | |

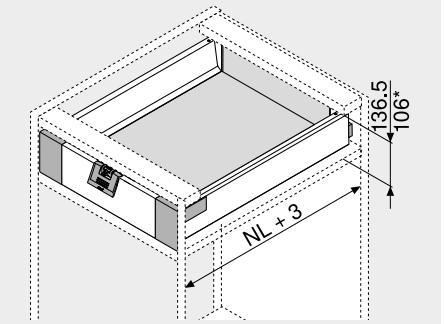
## Inner drawer – M

Webcode DQC45A



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature
- Inner drawers either with handle or handle and latch

### Space requirement




NL Nominal length
* Inner drawer with handle

### Order information

**1 Cabinet profiles left/right**



**BLUMOTION**

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



**Material** Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378M2702SA | | |
| 300 | 378M3002SA | | |
| 350 | 378M3502SA | | |
| 400 | 378M4002SA | | |
| 450 | 378M4502SA | | |
| 500 | 378M5002SA | | |
| 550 | 378M5502SA | | |
| 600 | 378M6002SA | | |
| 650 | 378M6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30M000S.04 |

**4 Front fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.71M0 |

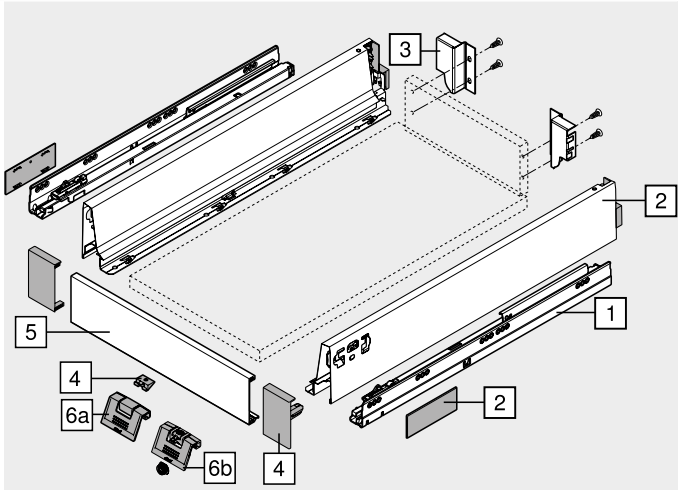
**Composed of:**
4 1 x Front fixing left/right
4 1 x Locking piece – Z31A0008

**5 Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1036 | Z31L1036A |

Cutting Internal cabinet width LW – 132 mm




### a Accessories

**6a Handle**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.80M5 |

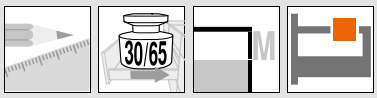
**Alternative to 6a**

**6b Handle and latch**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.80M7 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |

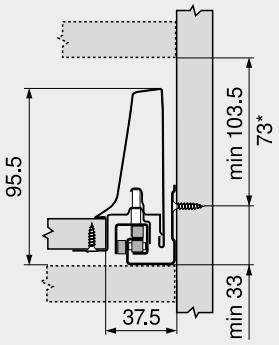



# Inner drawer – M

Webcode
DQC45A

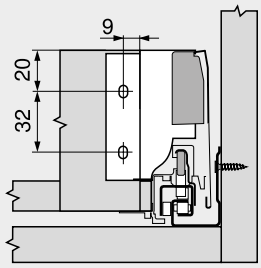
## Planning

### Space requirement in cabinet

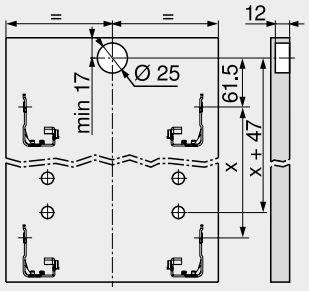



* Inner drawer with handle possible from height 73 mm

### Installation dimensions – back



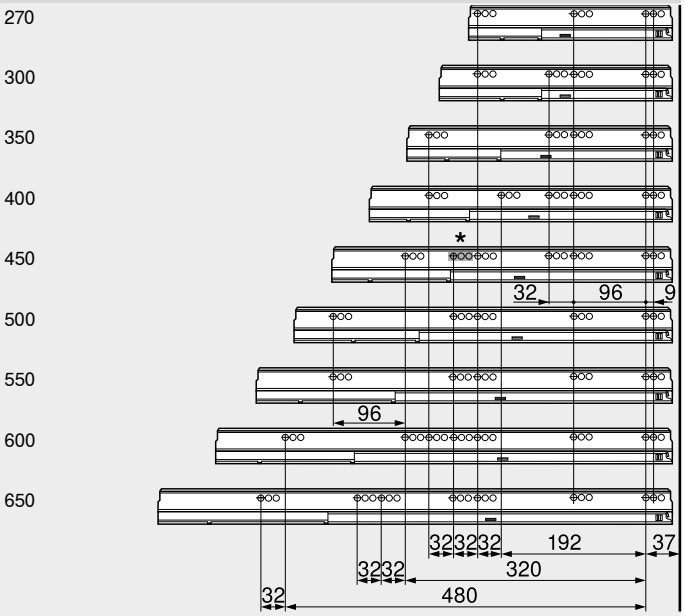

### Drilling distances – front – latch




Inner drawer

### Screw position – cabinet profiles

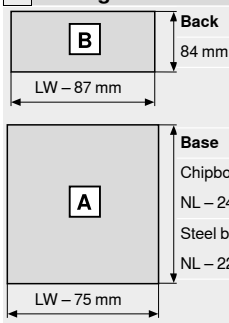
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

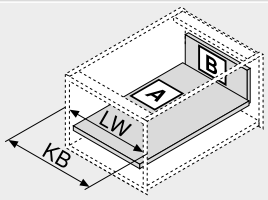
* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard




**Back**
84 mm

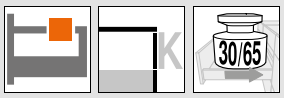
**Base**
Chipboard back
NL – 24 mm
Steel back
NL – 22 mm




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Cabinet profile fixing positions | 342 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | More technical details | 686 | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a350 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 336 | | | | |
| Accessories | 334 | | | | |





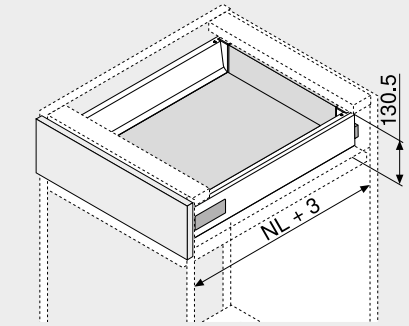

## Drawer – K

Webcode DQC3FY



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**



**BLUMOTION**

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



**Material** Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378K2702SA | | |
| 300 | 378K3002SA | | |
| 350 | 378K3502SA | | |
| 400 | 378K4002SA | | |
| 450 | 378K4502SA | | |
| 500 | 378K5002SA | | |
| 550 | 378K5502SA | | |
| 600 | 378K6002SA | | |
| 650 | 378K6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items) and positioning dowel

**3 Back fixing left/right**



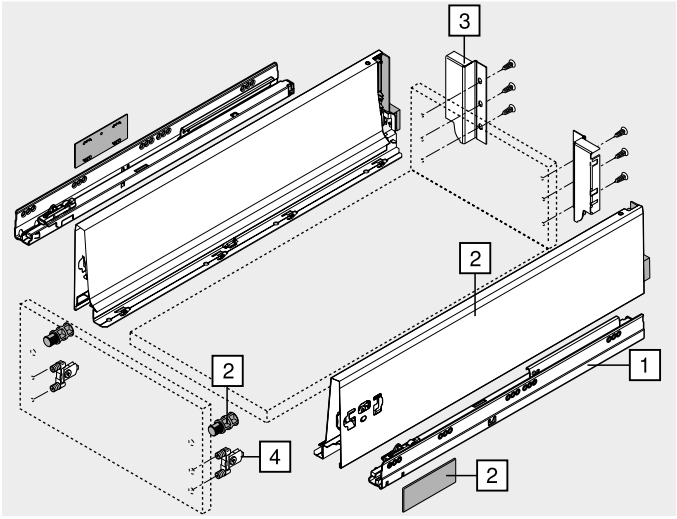
| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30K000S |

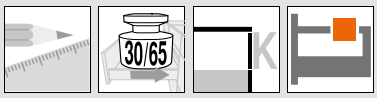
**4 Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | R9006 | RAL 9006 grey (white aluminium) |
| TS | Terra black | | |



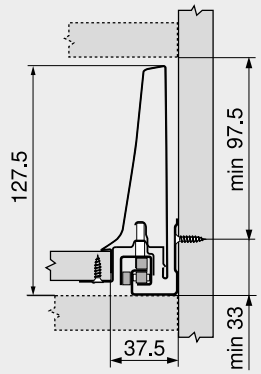



# Drawer – K

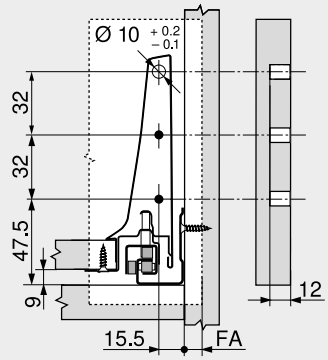
Webcode
DQC3FY

## Planning

### Space requirement in cabinet

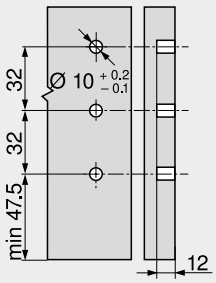



### Installation dimensions – front – screw-on

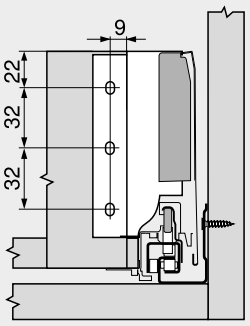



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

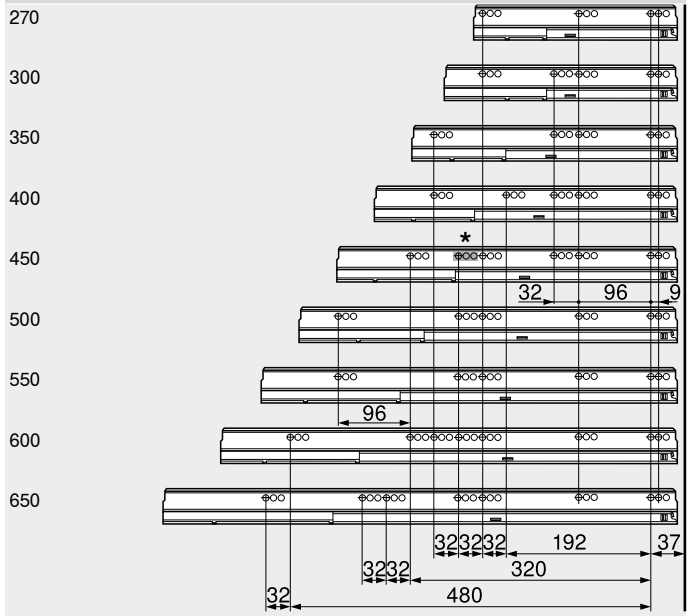



### Installation dimensions – back



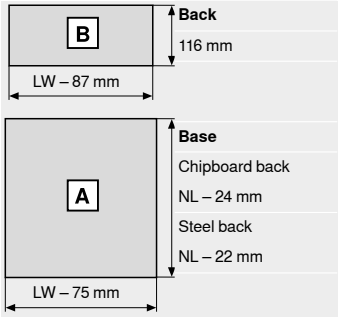

### Screw position – cabinet profiles

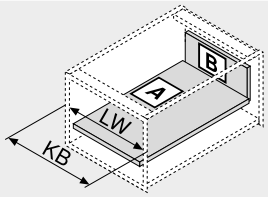
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard

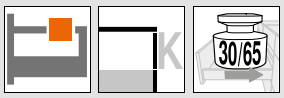



| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Cabinet profile fixing positions | 342 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
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| CABLOXX | 586 | | | | |
| Accessories – steel back | 336 | | | | |
| Accessories | 334 | | | | |





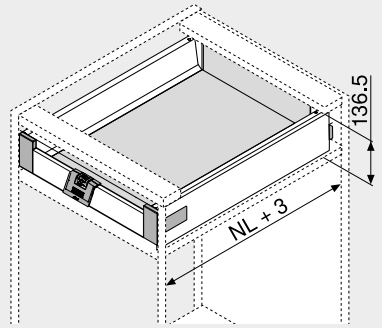

## Inner drawer – K

Webcode DQC4UM



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature
- Inner drawers either with handle or handle and latch

### Space requirement




NL Nominal length

### Order information

**1** Cabinet profiles left/right

BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2** Left/right drawer sides

Material Steel

| Nominal length | Colour | |
|---|---|---|
| NL (mm) | SW \| TS \| R9006 | |
| 270 | 378K2702SA | |
| 300 | 378K3002SA | |
| 350 | 378K3502SA | |
| 400 | 378K4002SA | |
| 450 | 378K4502SA | |
| 500 | 378K5002SA | |
| 550 | 378K5502SA | |
| 600 | 378K6002SA | |
| 650 | 378K6502SA | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items) and positioning dowel

**3** Back fixing left/right

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30K000S |

**4** Front fixing left/right

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.71K0 |

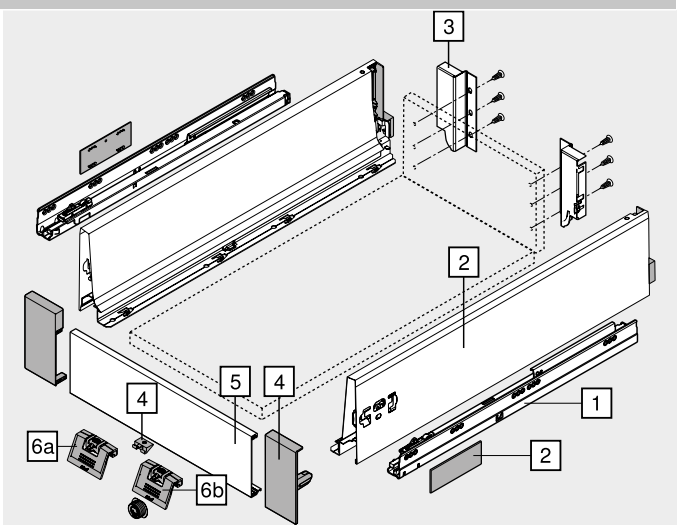
**Composed of:**

4 1 x Front fixing left/right
4 1 x Locking piece – Z31A0008

**5** Front piece without groove

| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1036 | Z31L1036A |

Cutting Internal cabinet width LW – 132 mm




### a Accessories

**6a** Handle

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.80M5 |

Alternative to 6a

**6b** Handle and latch

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.80M7 |

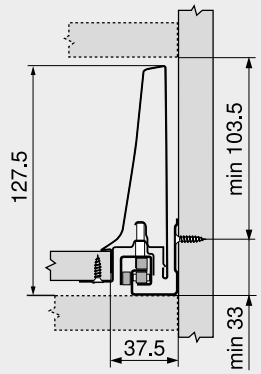
| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |

# Inner drawer – K

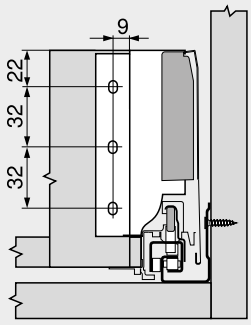
Webcode DQC4UM

## Planning

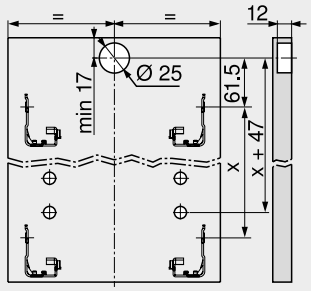
### Space requirement in cabinet




### Installation dimensions – back



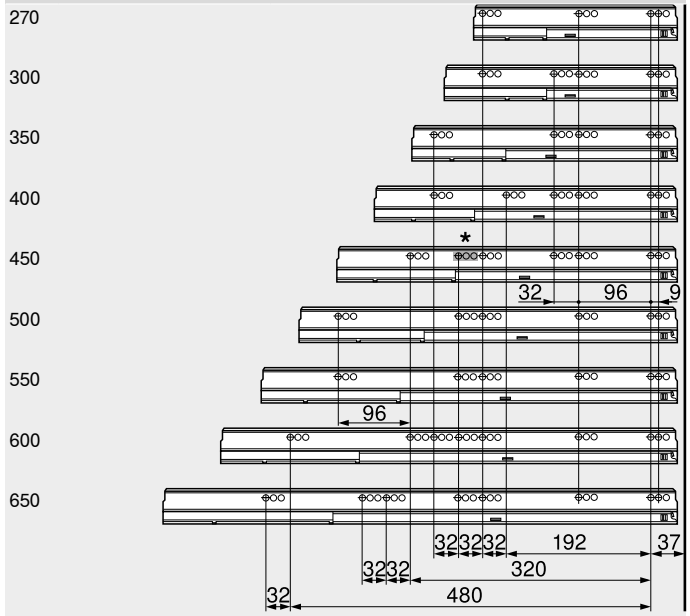

### Drilling distances – front – latch




Inner drawer

### Screw position – cabinet profiles

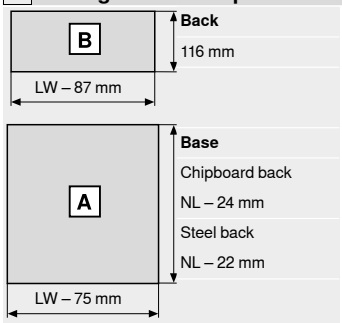
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

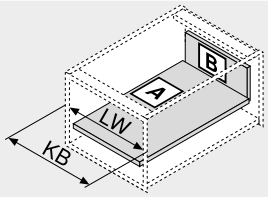
* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard




**Back**
116 mm

**Base**
Chipboard back
NL – 24 mm
Steel back
NL – 22 mm




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Cabinet profile fixing positions | 342 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
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| Accessories – steel back | 336 | | | | |
| Accessories | 334 | | | | |





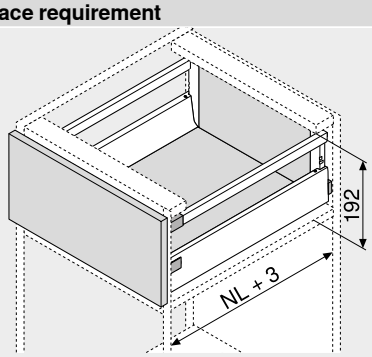

## High fronted pull-out – gallery – C

Webcode DQC5JY



- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**



| Nominal length | BLUMOTION | |
|---|---|---|
| | Dynamic carrying capacity (kg) | |
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



Material Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378M2702SA | | |
| 300 | 378M3002SA | | |
| 350 | 378M3502SA | | |
| 400 | 378M4002SA | | |
| 450 | 378M4502SA | | |
| 500 | 378M5002SA | | |
| 550 | 378M5502SA | | |
| 600 | 378M6002SA | | |
| 650 | 378M6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Back fixing left/right**



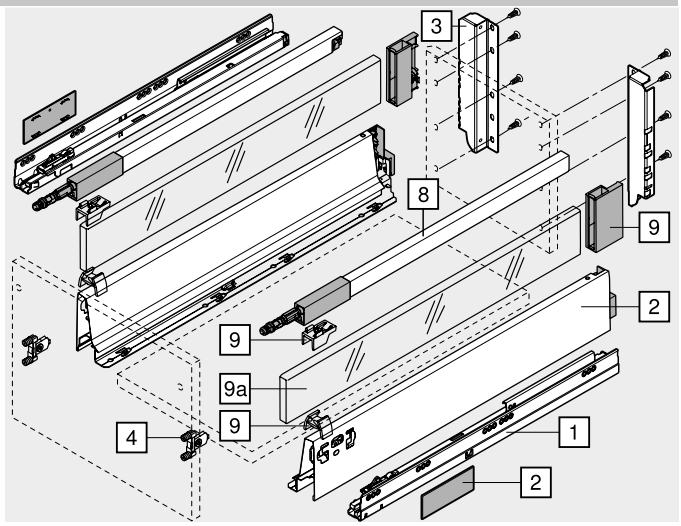
| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30C000S |

**4 Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |




**8 Longside gallery rail left/right**



| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | ZRG.207RSIC | | |
| 300 | ZRG.237RSIC | | |
| 350 | ZRG.287RSIC | | |
| 400 | ZRG.337RSIC | | |
| 450 | ZRG.387RSIC | | |
| 500 | ZRG.437RSIC | | |
| 550 | ZRG.487RSIC | | |
| 600 | ZRG.537RSIC | | |
| 650 | ZRG.587RSIC | | |

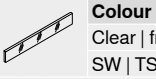
### a Accessories

**9 Locking piece set**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36C0080 |

**9a Design element (side)**



| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7C |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7C |

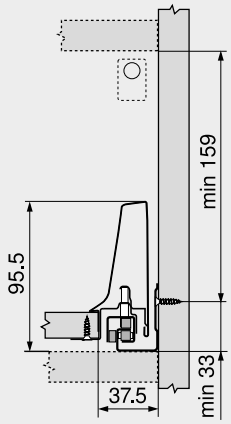
Order specification, see accessories – design element

# High fronted pull-out – gallery – C

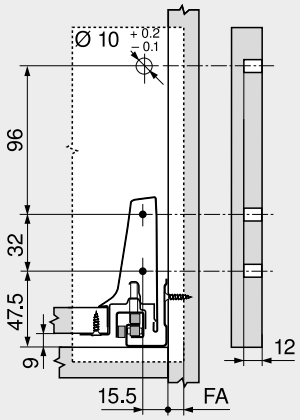
Webcode DQC5JY

## Planning

### Space requirement in cabinet

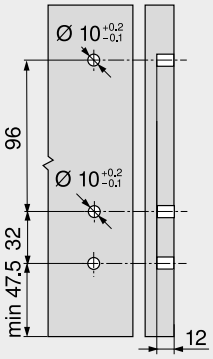



### Installation dimensions – front – screw-on

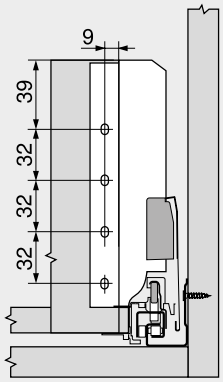



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

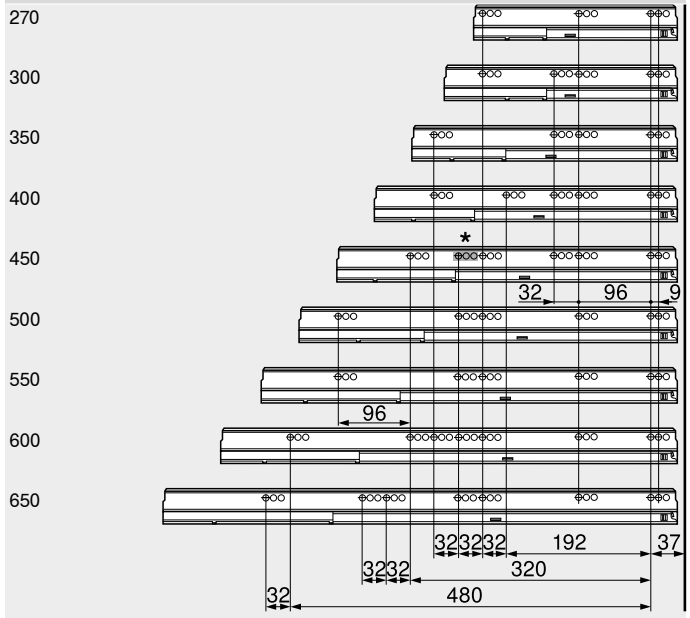



### Installation dimensions – back



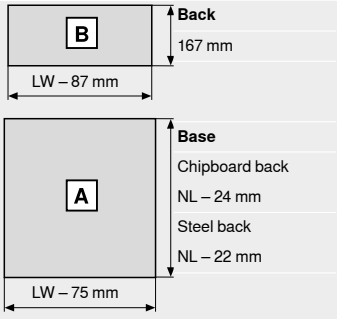

### Screw position – cabinet profiles

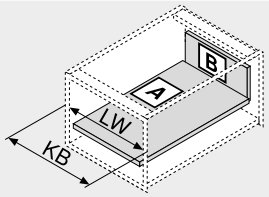
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

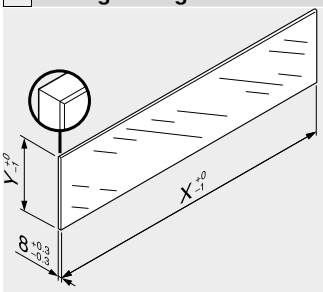
### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 33 | 59.5 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Accessories | 334 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 342 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | Overview – assembly devices | 595 | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | Short-URL | |
| CABLOXX | 586 | | | www.blum.com/a350 | |
| Accessories – design element | 334 | | | | |
| Accessories – steel back | 336 | | | | |





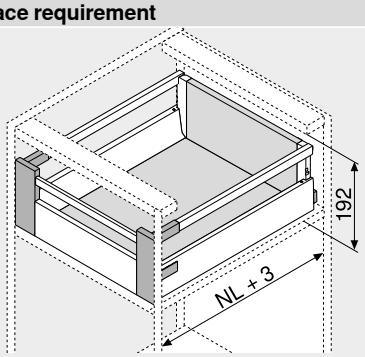

## Inner pull-out – gallery – C

Webcode DQCAHA



- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**



BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



Material Steel

| Nominal length | Colour |
|---|---|
| NL (mm) | SW \| TS \| R9006 |
| 270 | 378M2702SA |
| 300 | 378M3002SA |
| 350 | 378M3502SA |
| 400 | 378M4002SA |
| 450 | 378M4502SA |
| 500 | 378M5002SA |
| 550 | 378M5502SA |
| 600 | 378M6002SA |
| 650 | 378M6502SA |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30C000S |

**4 Front fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.74C0 |

**Composed of:**

| | |
|---|---|
| 4 | 1 x Front fixing left/right |
| 4 | 1 x Locking piece – Z31A0008 |
| – | 2 x Gallery head – ZRG.000R5F |

**5 Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1036 | Z31L1036A |

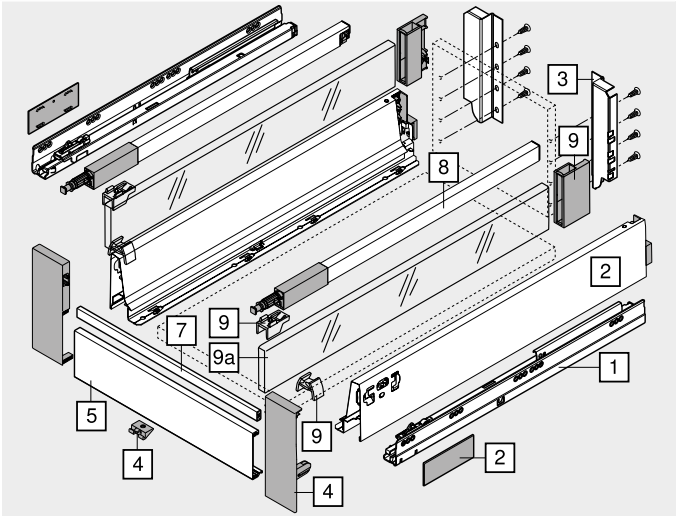
Cutting Internal cabinet width LW – 132 mm

**7 Cross gallery**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1046 | ZRG.1046Z |

Cutting Internal cabinet width LW – 122 mm




**8 Longside gallery rail left/right**



| Nominal length | Colour |
|---|---|
| NL (mm) | SW \| TS \| R9006 |
| 270 | ZRG.207RSIC |
| 300 | ZRG.237RSIC |
| 350 | ZRG.287RSIC |
| 400 | ZRG.337RSIC |
| 450 | ZRG.387RSIC |
| 500 | ZRG.437RSIC |
| 550 | ZRG.487RSIC |
| 600 | ZRG.537RSIC |
| 650 | ZRG.587RSIC |

### a Accessories

**9 Locking piece set**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36C0080 |

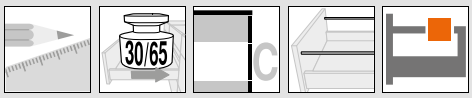
**9a Design element (side)**



| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7C |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7C |

Order specification, see accessories – design element

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |



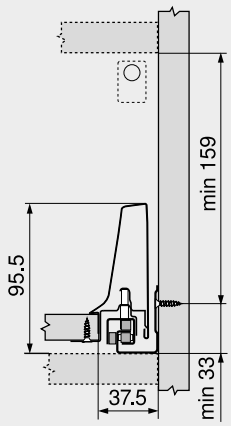



# Inner pull-out – gallery – C

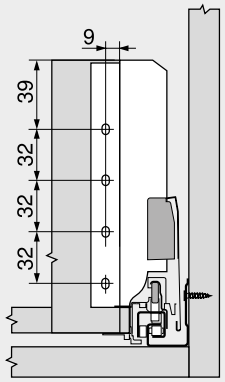
Webcode
DQCAHA

## Planning

### Space requirement in cabinet

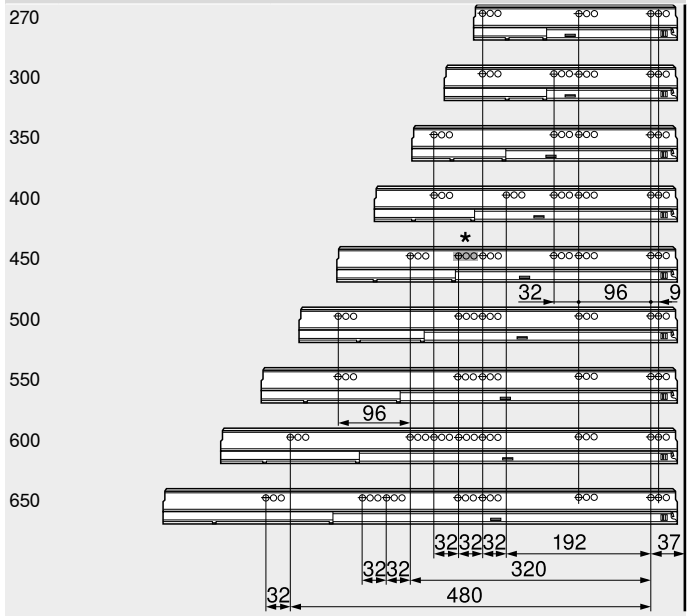



### Installation dimensions – back



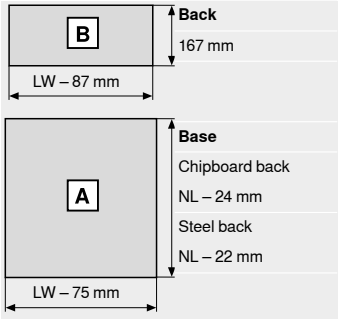

### Screw position – cabinet profiles

**Nominal length NL (mm)**



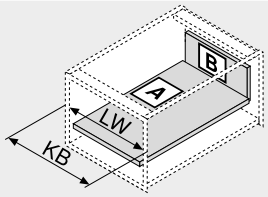

Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard



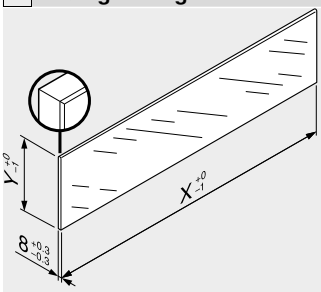

**Back**
167 mm

**Base**
Chipboard back
NL – 24 mm
Steel back
NL – 22 mm




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 33 | 59.5 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Accessories | 334 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 342 | | |
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| CABLOXX | 586 | | | www.blum.com/a350 | |
| Accessories – design element | 334 | | | | |
| Accessories – steel back | 336 | | | | |



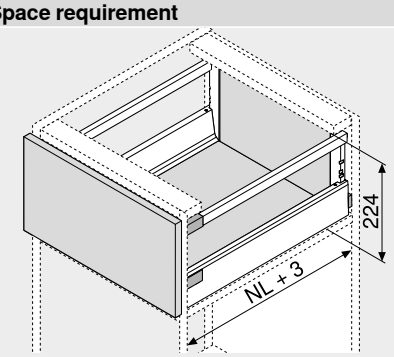

## High fronted pull-out – gallery – D

Webcode DQC69A



- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**

Material Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378M2702SA | | |
| 300 | 378M3002SA | | |
| 350 | 378M3502SA | | |
| 400 | 378M4002SA | | |
| 450 | 378M4502SA | | |
| 500 | 378M5002SA | | |
| 550 | 378M5502SA | | |
| 600 | 378M6002SA | | |
| 650 | 378M6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

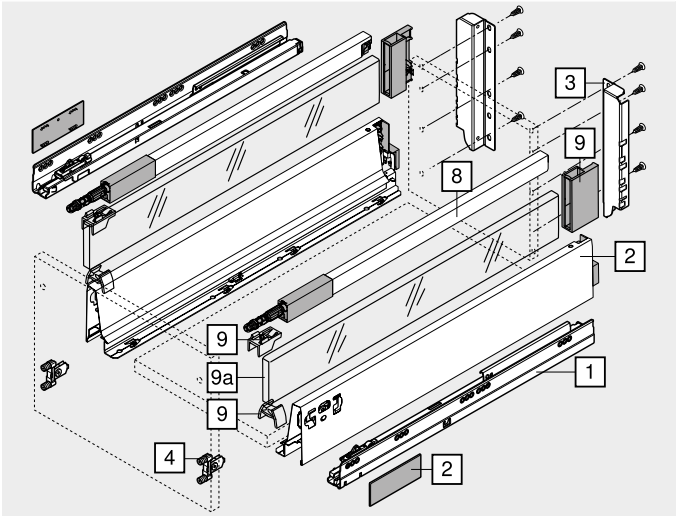
**3 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30D000SL |

**4 Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |




**8 Longside gallery rail left/right**

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | ZRG.207RSIC | | |
| 300 | ZRG.237RSIC | | |
| 350 | ZRG.287RSIC | | |
| 400 | ZRG.337RSIC | | |
| 450 | ZRG.387RSIC | | |
| 500 | ZRG.437RSIC | | |
| 550 | ZRG.487RSIC | | |
| 600 | ZRG.537RSIC | | |
| 650 | ZRG.587RSIC | | |

### a Accessories

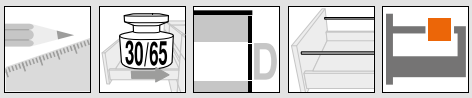
**9 Locking piece set**

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36D0080 |

**9a Design element (side)**

| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7D |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7D |

Order specification, see accessories – design element

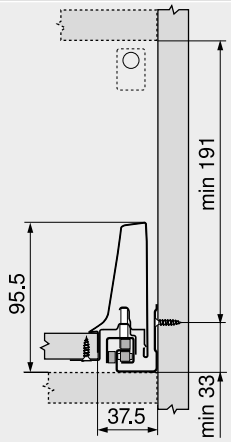



# High fronted pull-out – gallery – D

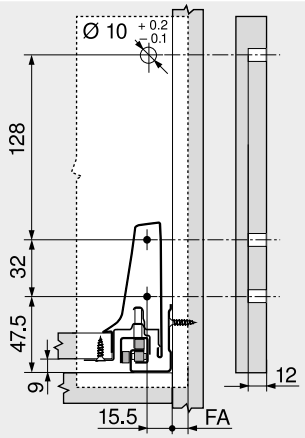
Webcode
DQC69A

## Planning

### Space requirement in cabinet

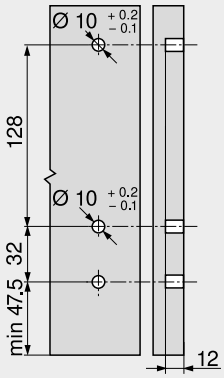



### Installation dimensions – front – screw-on

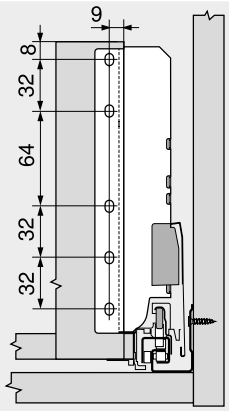



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

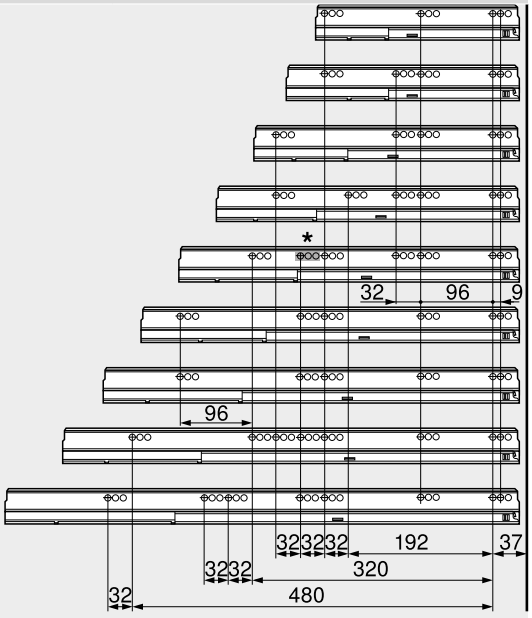



### Installation dimensions – back



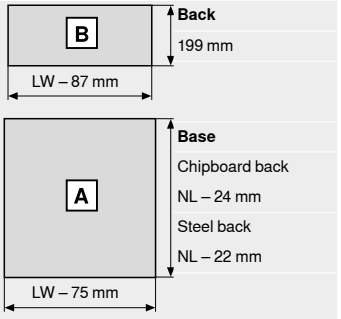

### Screw position – cabinet profiles

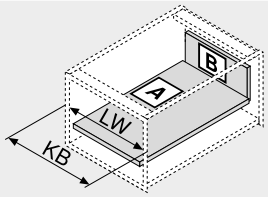
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

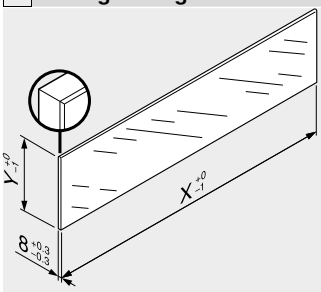
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 33 | 91.5 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
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| CABLOXX | 586 | | | www.blum.com/a350 | |
| Accessories – design element | 334 | | | | |
| Accessories – steel back | 336 | | | | |



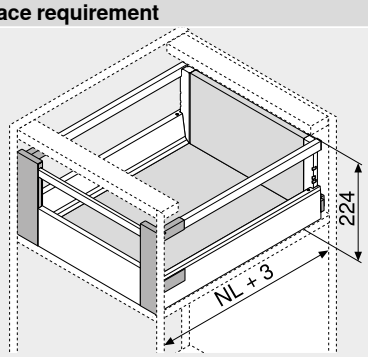

## Inner pull-out – gallery – D

Webcode DQCB6M



- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**



| Nominal length | BLUMOTION | |
|---|---|---|
| | Dynamic carrying capacity (kg) | |
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



| Material | Steel | |
|---|---|---|
| Nominal length | Colour | |
| NL (mm) | SW \| TS \| R9006 | |
| 270 | 378M2702SA | |
| 300 | 378M3002SA | |
| 350 | 378M3502SA | |
| 400 | 378M4002SA | |
| 450 | 378M4502SA | |
| 500 | 378M5002SA | |
| 550 | 378M5502SA | |
| 600 | 378M6002SA | |
| 650 | 378M6502SA | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30D000SL |

**4 Front fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.74D0 |

**Composed of:**

4 1 x Front fixing left/right
4 1 x Locking piece – Z31A0008
4 2 x Gallery head – ZRG.000R5F

**5 Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1036 | Z31L1036A |

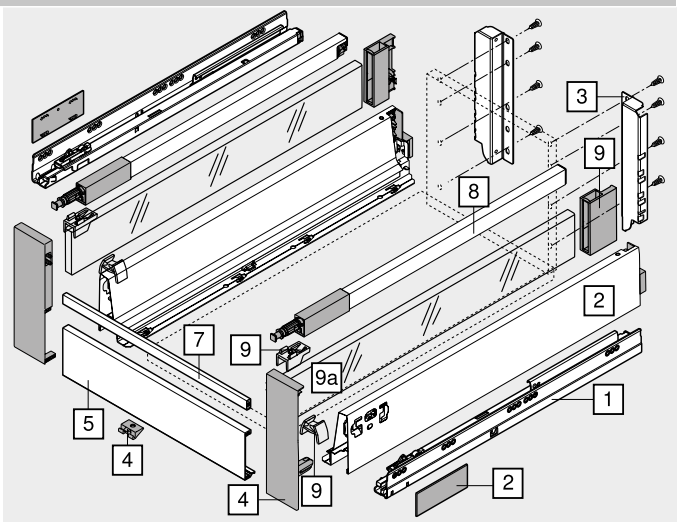
Cutting: Internal cabinet width LW – 132 mm

**7 Cross gallery**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1046 | ZRG.1046Z |

Cutting: Internal cabinet width LW – 122 mm




**8 Longside gallery rail left/right**



| Nominal length | Colour | |
|---|---|---|
| NL (mm) | SW \| TS \| R9006 | |
| 270 | ZRG.207RSIC | |
| 300 | ZRG.237RSIC | |
| 350 | ZRG.287RSIC | |
| 400 | ZRG.337RSIC | |
| 450 | ZRG.387RSIC | |
| 500 | ZRG.437RSIC | |
| 550 | ZRG.487RSIC | |
| 600 | ZRG.537RSIC | |
| 650 | ZRG.587RSIC | |

### a Accessories

**9 Locking piece set**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36D0080 |

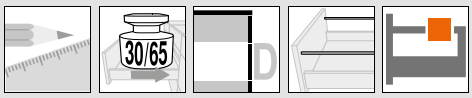
**9a Design element (side)**



| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7D |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7D |

Order specification, see accessories – design element

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |



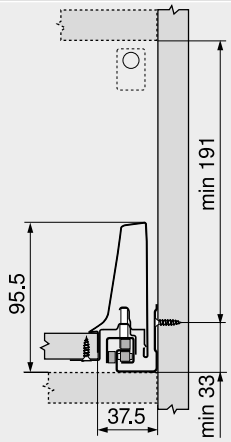



# Inner pull-out – gallery – D

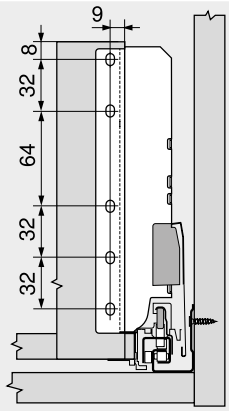
Webcode DQCB6M

## Planning

### Space requirement in cabinet

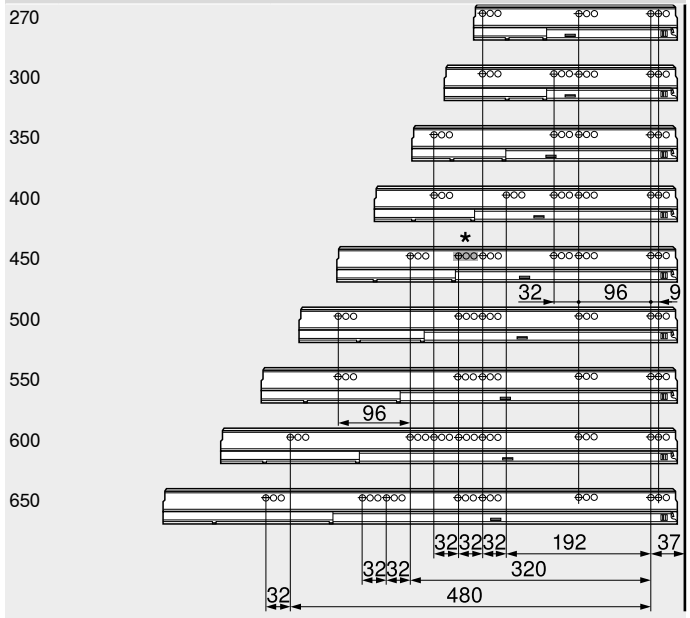



### Installation dimensions – back



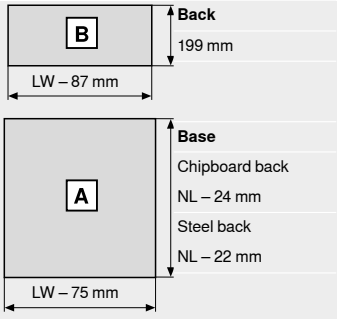

### Screw position – cabinet profiles

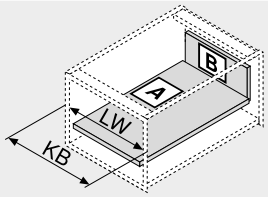
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

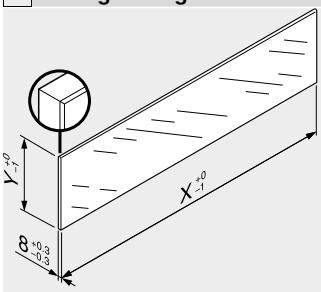
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 33 | 91.5 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Accessories | 334 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 342 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | Overview – assembly devices | 595 | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | Short-URL | |
| CABLOXX | 586 | | | www.blum.com/a350 | |
| Accessories – design element | 334 | | | | |
| Accessories – steel back | 336 | | | | |





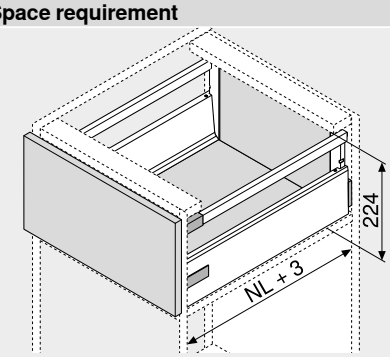

## High fronted pull-out – gallery – D – K drawer side

Webcode DQC6YM



- With simple gallery
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**



**BLUMOTION**

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



**Material** Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378K2702SA | | |
| 300 | 378K3002SA | | |
| 350 | 378K3502SA | | |
| 400 | 378K4002SA | | |
| 450 | 378K4502SA | | |
| 500 | 378K5002SA | | |
| 550 | 378K5502SA | | |
| 600 | 378K6002SA | | |
| 650 | 378K6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items) and positioning dowel

**3 Back fixing left/right**

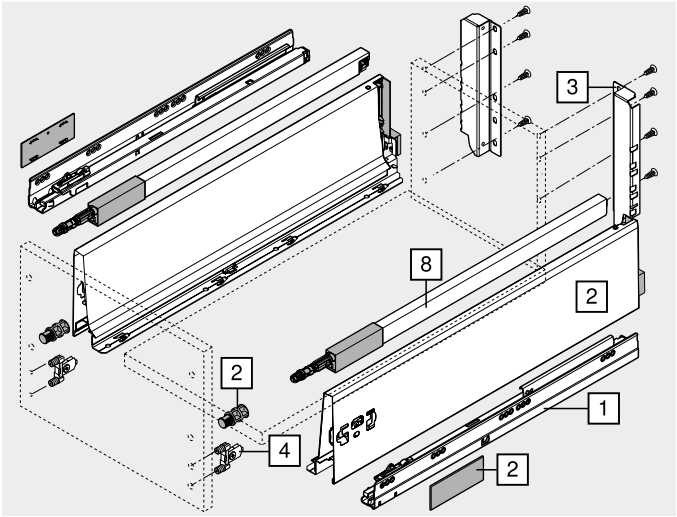


| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30D000SL |

**4 Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

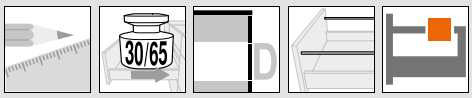



**8 Longside gallery rail left/right**



| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | ZRG.207RSIC | | |
| 300 | ZRG.237RSIC | | |
| 350 | ZRG.287RSIC | | |
| 400 | ZRG.337RSIC | | |
| 450 | ZRG.387RSIC | | |
| 500 | ZRG.437RSIC | | |
| 550 | ZRG.487RSIC | | |
| 600 | ZRG.537RSIC | | |
| 650 | ZRG.587RSIC | | |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | R9006 | RAL 9006 grey (white aluminium) |
| TS | Terra black | | |



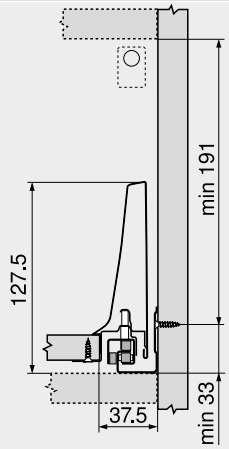



# High fronted pull-out – gallery – D – K drawer side

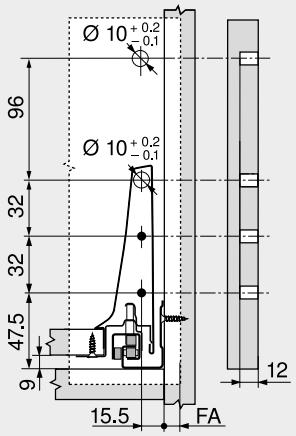
Webcode
DQC6YM

## Planning

### Space requirement in cabinet

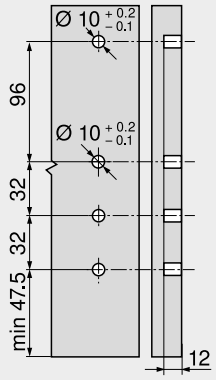



### Installation dimensions – front – screw-on

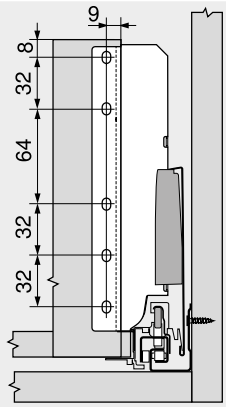



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

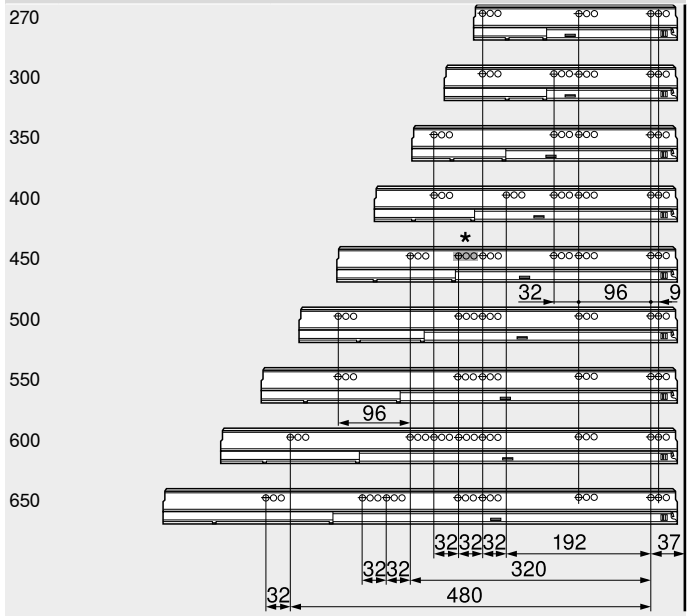



### Installation dimensions – back



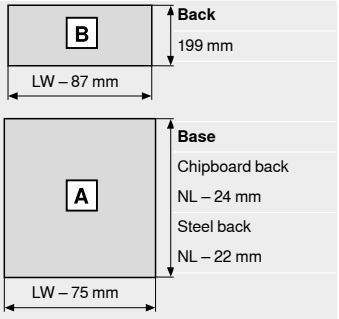

### Screw position – cabinet profiles

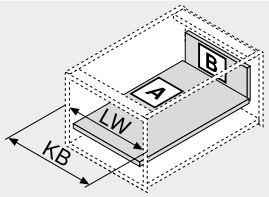
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Cabinet profile fixing positions | 342 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | More technical details | 686 | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a350 | |
| CABLOXX | 586 | | | | |
| Accessories – steel back | 336 | | | | |
| Accessories | 334 | | | | |





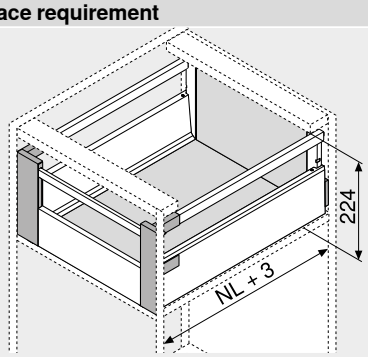

## Inner pull-out – gallery – D – K drawer side

Webcode DQCBVY



- With simple gallery
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**



**BLUMOTION**

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



**Material** Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378K2702SA | | |
| 300 | 378K3002SA | | |
| 350 | 378K3502SA | | |
| 400 | 378K4002SA | | |
| 450 | 378K4502SA | | |
| 500 | 378K5002SA | | |
| 550 | 378K5502SA | | |
| 600 | 378K6002SA | | |
| 650 | 378K6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items) and positioning dowel

**3 Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30D000SL |

**4 Front fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZIF.74D0 |

**Composed of:**

| | |
|---|---|
| 4 | 1 x Front fixing left/right |
| 4 | 1 x Locking piece – Z31A0008 |
| 4 | 2 x Gallery head – ZRG.000R5F |

**5 Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1036 | Z31L1036A |

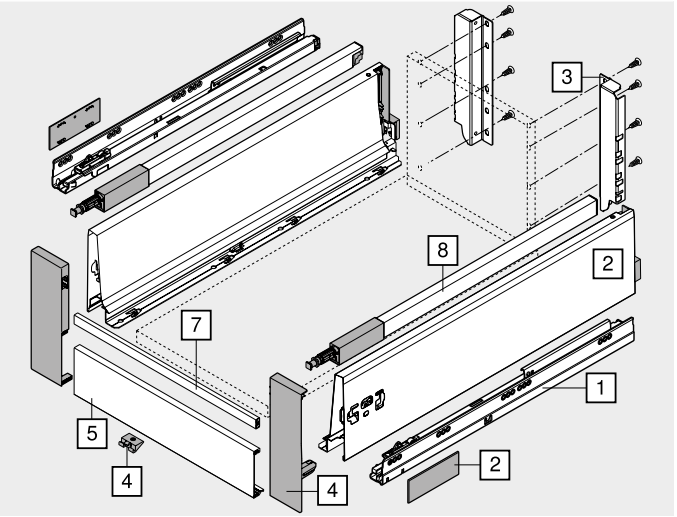
Cutting: Internal cabinet width LW – 132 mm

**7 Cross gallery**



| Colour | Length (mm) | Part no. |
|---|---|---|
| SW \| TS \| R9006 | 1046 | ZRG.1046Z |

Cutting: Internal cabinet width LW – 122 mm

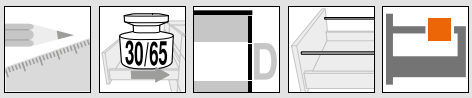



**8 Longside gallery rail left/right**



| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | ZRG.207RSIC | | |
| 300 | ZRG.237RSIC | | |
| 350 | ZRG.287RSIC | | |
| 400 | ZRG.337RSIC | | |
| 450 | ZRG.387RSIC | | |
| 500 | ZRG.437RSIC | | |
| 550 | ZRG.487RSIC | | |
| 600 | ZRG.537RSIC | | |
| 650 | ZRG.587RSIC | | |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |



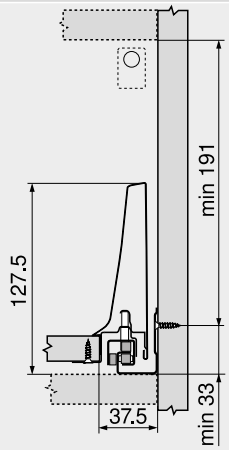



# Inner pull-out – gallery – D – K drawer side

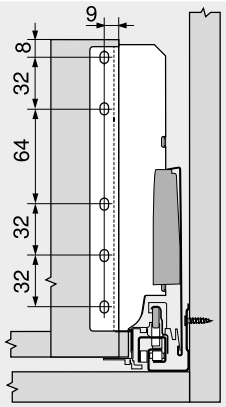
Webcode DQCBVY

## Planning

### Space requirement in cabinet

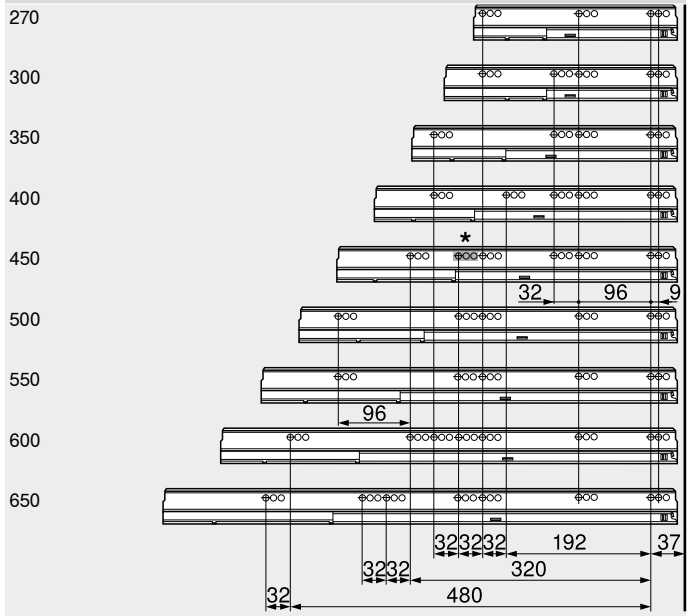



### Installation dimensions – back




### Screw position – cabinet profiles

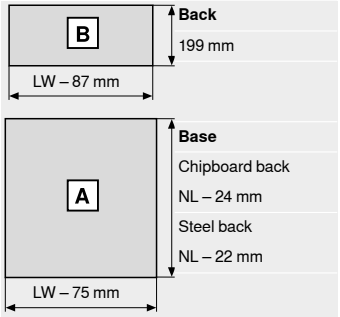
**Nominal length NL (mm)**

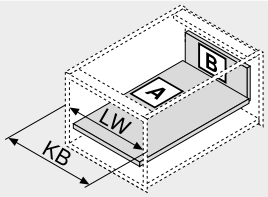



Internal cabinet depth LT min. = nominal length NL + 3 mm

* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Cabinet profile fixing positions | 342 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
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| Accessories – steel back | 336 | | | | |
| Accessories | 334 | | | | |



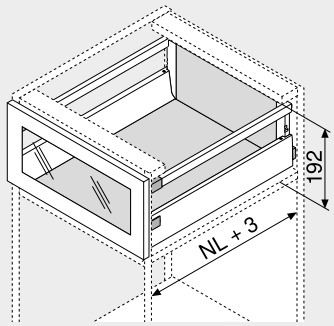

## High fronted pull-out – gallery – C – alu frames

Webcode DQC7NY



- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**

Material Steel

| Nominal length | Colour | |
|---|---|---|
| NL (mm) | SW \| TS \| R9006 | |
| 270 | 378M2702SA | |
| 300 | 378M3002SA | |
| 350 | 378M3502SA | |
| 400 | 378M4002SA | |
| 450 | 378M4502SA | |
| 500 | 378M5002SA | |
| 550 | 378M5502SA | |
| 600 | 378M6002SA | |
| 650 | 378M6502SA | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30C000S |

**4 Front fixing bracket**

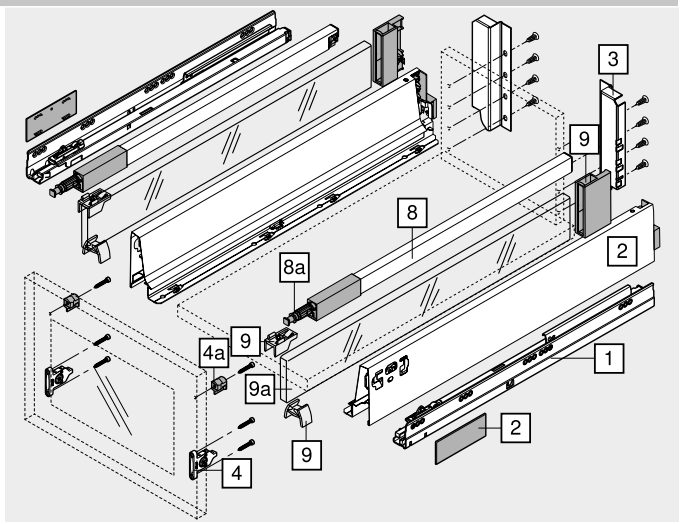
| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZSF.35A2 |

**4a Adapter for aluminium frames**

| Colour | Material | | Part no. |
|---|---|---|---|
| Natural | Nylon | 2 x | ZRF.2200.01 |

Use countersunk screw Ø 3.5 mm (Ø head 7 mm)!

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |




**8 Longside gallery rail left/right**

| Nominal length | Colour | |
|---|---|---|
| NL (mm) | SW \| TS \| R9006 | |
| 270 | ZRG.207RSIC | |
| 300 | ZRG.237RSIC | |
| 350 | ZRG.287RSIC | |
| 400 | ZRG.337RSIC | |
| 450 | ZRG.387RSIC | |
| 500 | ZRG.437RSIC | |
| 550 | ZRG.487RSIC | |
| 600 | ZRG.537RSIC | |
| 650 | ZRG.587RSIC | |

**8a Gallery head**

| Colour | Material | | Part no. |
|---|---|---|---|
| Natural | Nylon | 2 x | ZRG.000R5F |

### a Accessories

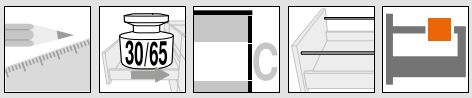
**9 Locking piece set**

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36C0080 |

**9a Design element (side)**

| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7C |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7C |

Order specification, see accessories – design element



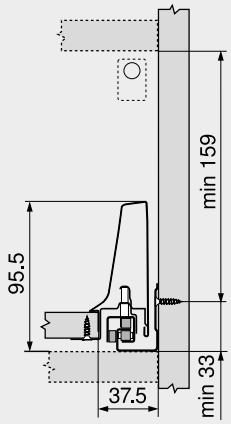



# High fronted pull-out – gallery – C – alu frames

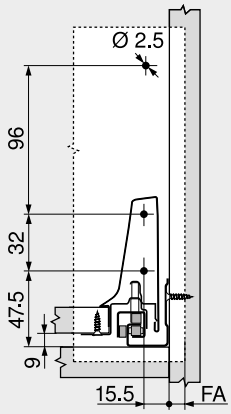
Webcode DQC7NY

## Planning

### Space requirement in cabinet

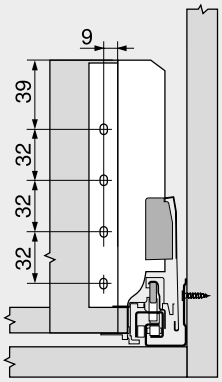



### Installation dimensions – front – screw-on



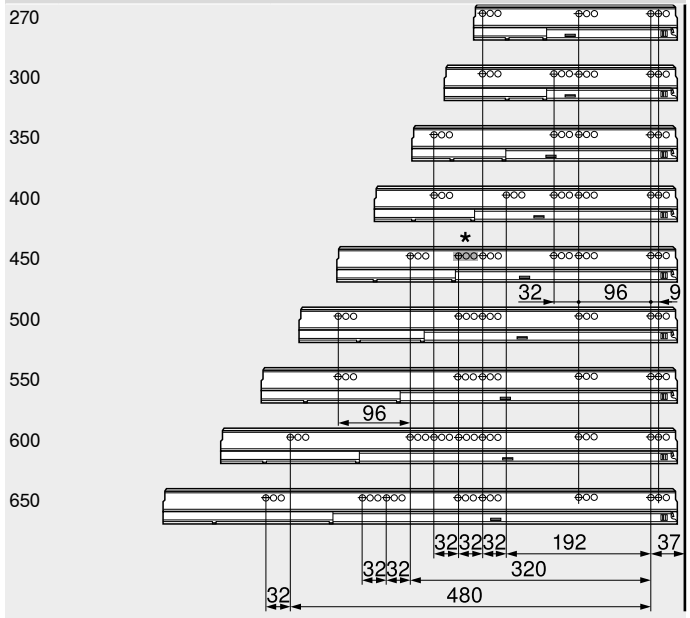

FA Front overlay

### Installation dimensions – back



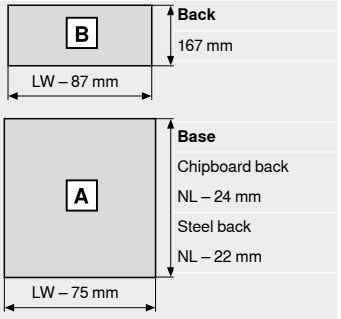

### Screw position – cabinet profiles

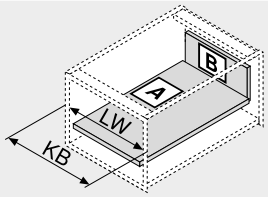
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

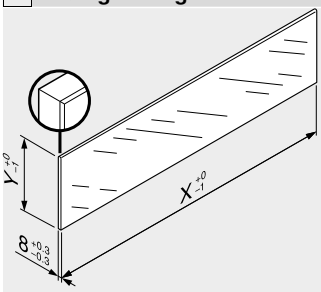
### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 33 | 59.5 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Accessories | 334 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 342 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | Overview – assembly devices | 595 | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | Short-URL | |
| CABLOXX | 586 | | | www.blum.com/a350 | |
| Accessories – design element | 334 | | | | |
| Accessories – steel back | 336 | | | | |



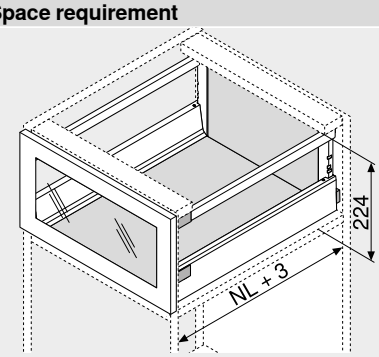

## High fronted pull-out – gallery – D – alu frames

Webcode DQC8DA



- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**

Material Steel

| Nominal length | Colour | |
|---|---|---|
| NL (mm) | SW \| TS \| R9006 | |
| 270 | 378M2702SA | |
| 300 | 378M3002SA | |
| 350 | 378M3502SA | |
| 400 | 378M4002SA | |
| 450 | 378M4502SA | |
| 500 | 378M5002SA | |
| 550 | 378M5502SA | |
| 600 | 378M6002SA | |
| 650 | 378M6502SA | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30D000SL |

**4 Front fixing bracket**

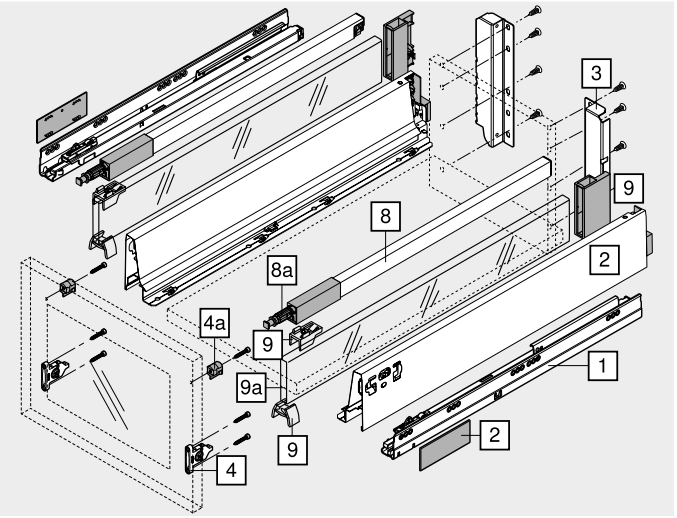
| Fixing method | | Part no. |
|---|---|---|
| Screw-on | 2 x | ZSF.35A2 |

**4a Adapter for aluminium frames**

| Colour | Material | | Part no. |
|---|---|---|---|
| Natural | Nylon | 2 x | ZRF.2200.01 |

Use countersunk screw Ø 3.5 mm (Ø head 7 mm)!

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |




**8 Longside gallery rail left/right**

| Nominal length | Colour | |
|---|---|---|
| NL (mm) | SW \| TS \| R9006 | |
| 270 | ZRG.207RSIC | |
| 300 | ZRG.237RSIC | |
| 350 | ZRG.287RSIC | |
| 400 | ZRG.337RSIC | |
| 450 | ZRG.387RSIC | |
| 500 | ZRG.437RSIC | |
| 550 | ZRG.487RSIC | |
| 600 | ZRG.537RSIC | |
| 650 | ZRG.587RSIC | |

**8a Gallery head**

| Colour | Material | | Part no. |
|---|---|---|---|
| Natural | Nylon | 2 x | ZRG.000R5F |

### a Accessories

**9 Locking piece set**

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36D0080 |

**9a Design element (side)**

| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7D |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7D |

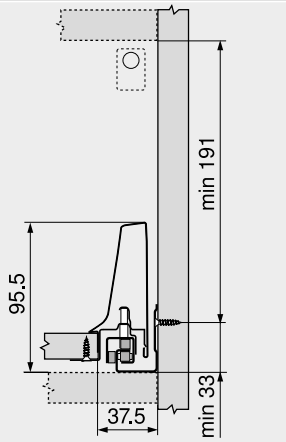
Order specification, see accessories – design element

# High fronted pull-out – gallery – D – alu frames

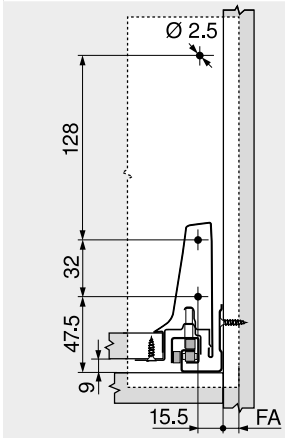
Webcode
DQC8DA

## Planning

### Space requirement in cabinet

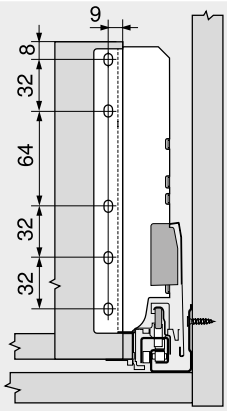



### Installation dimensions – front – screw-on



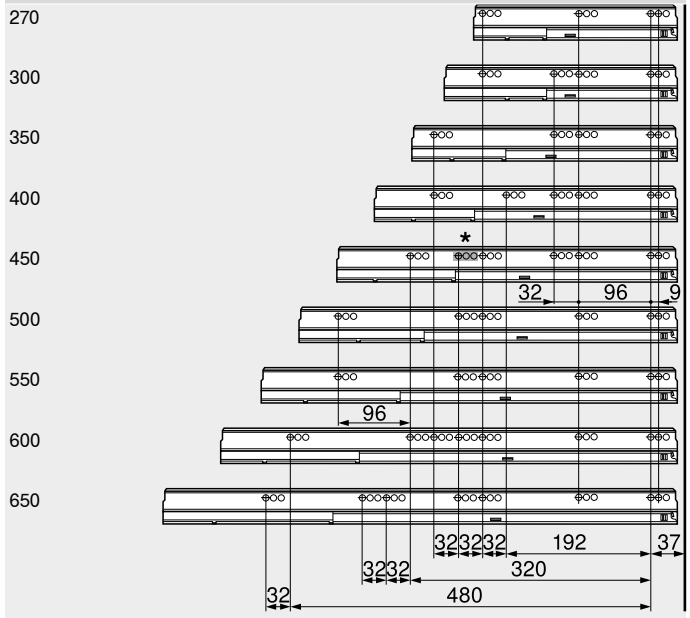

FA Front overlay

### Installation dimensions – back



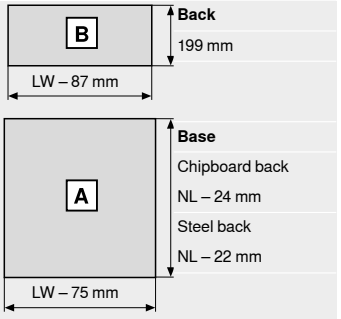

### Screw position – cabinet profiles

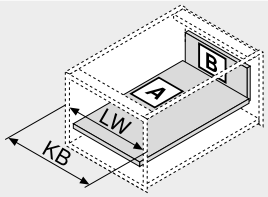
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

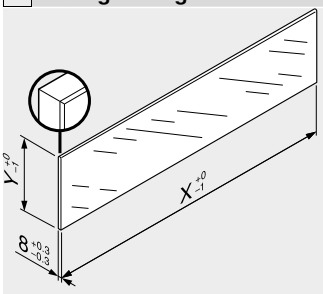
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Cutting – design element




| Design element | X (mm) | Y (mm) |
|---|---|---|
| Side | NL – 33 | 91.5 |

NL Nominal length

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Accessories | 334 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Cabinet profile fixing positions | 342 | | |
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| CABLOXX | 586 | | | www.blum.com/a350 | |
| Accessories – design element | 334 | | | | |
| Accessories – steel back | 336 | | | | |





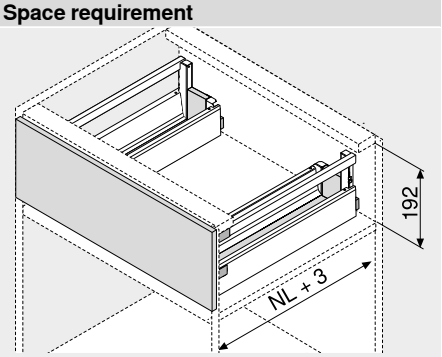

## High fronted pull-out – gallery – C

Webcode DQC92M



- Can be combined with standard components
- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 450 | 578.4501B | |
| 500 | 578.5001B | |
| 550 | 578.5501B | |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides exterior**

Material Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 450 | 378M4502SA | | |
| 500 | 378M5002SA | | |
| 550 | 378M5502SA | | |
| 600 | 378M6002SA | | |
| 650 | 378M6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Sink back fixing, left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30C000S.22 |

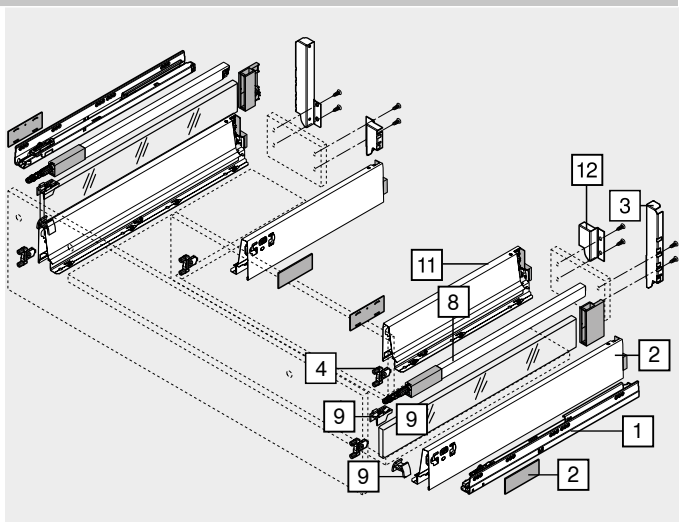
**4 Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 4 x | ZSF.39A2 |
| Screw-on | 4 x | ZSF.35A2 |
| Knock-in | 4 x | ZSF.36A2 |

**8 Longside gallery rail left/right**

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 450 | ZRG.387RSIC | | |
| 500 | ZRG.437RSIC | | |
| 550 | ZRG.487RSIC | | |
| 600 | ZRG.537RSIC | | |
| 650 | ZRG.587RSIC | | |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |




**11 Left/right drawer sides interior**

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378M2702SA | | |
| 300 | 378M3002SA | | |
| 350 | 378M3502SA | | |
| 400 | 378M4002SA | | |
| 450 | 378M4502SA | | |
| 500 | 378M5002SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**For effective use of storage space, we recommend**

Nominal length NL drawer sides exterior (no 2) – nominal length NL drawer sides interior (no 11) = min. 150 mm

**12 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30M000S.04 |

### a Accessories

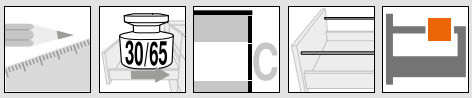
**9 Locking piece set**

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36C0080 |

**9a Design element (side)**

| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7C |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7C |

Order specification, see accessories – design element



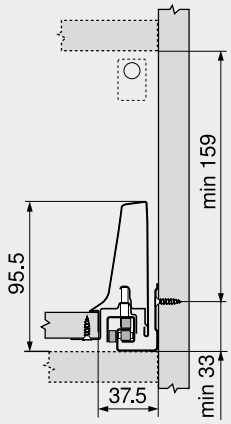



# High fronted pull-out – gallery – C

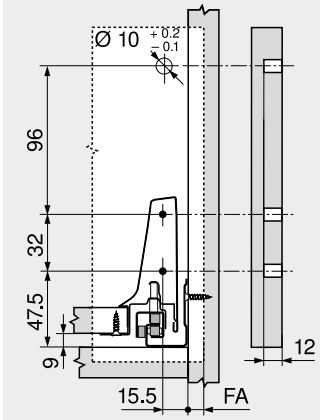
Webcode DQC92M

## Planning

### Space requirement in cabinet

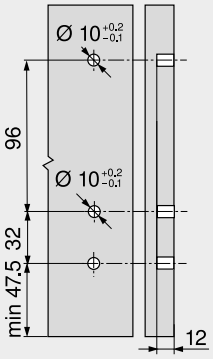



### Installation dimensions – front – screw-on

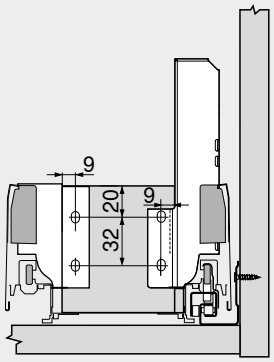



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

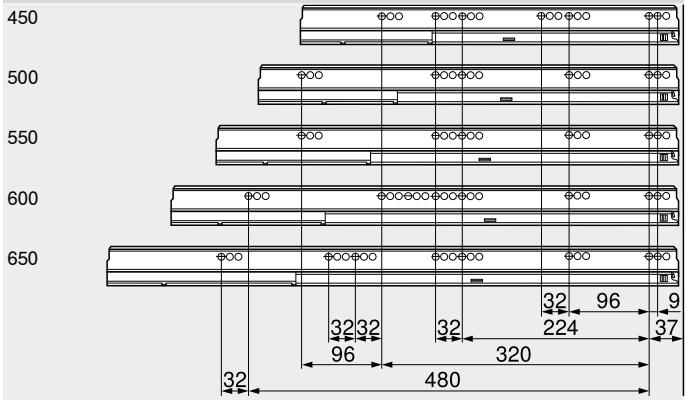



### Installation dimensions – back



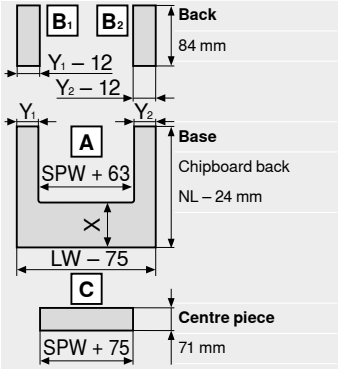

### Screw position – cabinet profiles

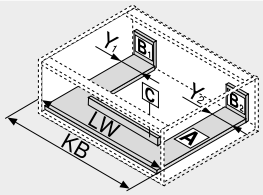
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard



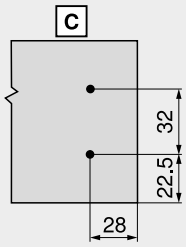




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |
| SPW | Internal width between sink drawer sides |

X = NL drawer sides exterior – NL drawer sides interior – 10 mm

| Y min. (mm) | | Y max. (mm) |
|---|---|---|
| BLUMOTION | TIP-ON BLUMOTION | |
| 48 | 75 | 225 |

### Drilling distances – centre piece




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
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| CABLOXX | 586 | | | | |
| Accessories – design element | 334 | | | | |
| Accessories | 334 | | | | |





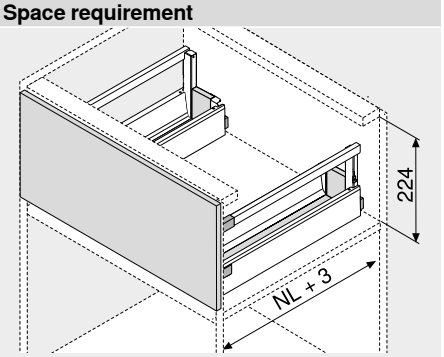

## High fronted pull-out – gallery – D

Webcode DQC9RY



- Can be combined with standard components
- With simple gallery
- Design element possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | 65 |
| 450 | 578.4501B | |
| 500 | 578.5001B | |
| 550 | 578.5501B | |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides exterior**

Material Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 450 | 378M4502SA | | |
| 500 | 378M5002SA | | |
| 550 | 378M5502SA | | |
| 600 | 378M6002SA | | |
| 650 | 378M6502SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**3 Sink back fixing, left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30D000S.22 |

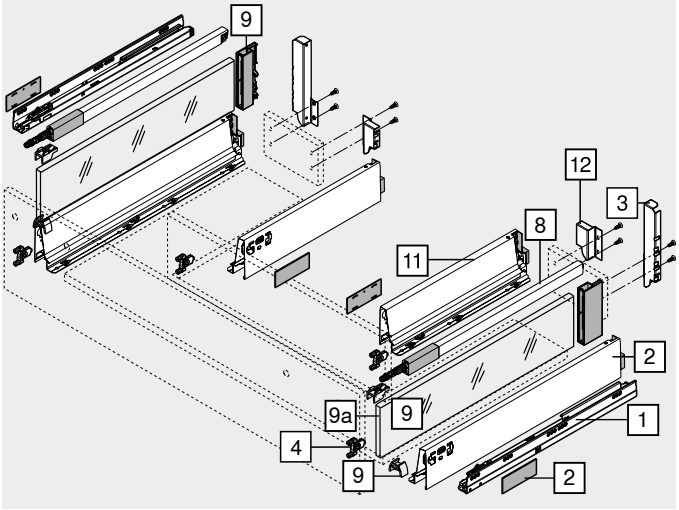
**4 Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 4 x | ZSF.39A2 |
| Screw-on | 4 x | ZSF.35A2 |
| Knock-in | 4 x | ZSF.36A2 |

**8 Longside gallery rail left/right**

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 450 | ZRG.387RSIC | | |
| 500 | ZRG.437RSIC | | |
| 550 | ZRG.487RSIC | | |
| 600 | ZRG.537RSIC | | |
| 650 | ZRG.587RSIC | | |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |




**11 Left/right drawer sides interior**

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | SW \| TS \| R9006 | | |
| 270 | 378M2702SA | | |
| 300 | 378M3002SA | | |
| 350 | 378M3502SA | | |
| 400 | 378M4002SA | | |
| 450 | 378M4502SA | | |
| 500 | 378M5002SA | | |

Incl. cover caps (Can be individually printed – minimum order quantity 1000 items)

**For effective use of storage space, we recommend**

Nominal length NL drawer sides exterior (no 2) – nominal length NL drawer sides interior (no 11) = min. 150 mm

**12 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z30M000S.04 |

### a Accessories

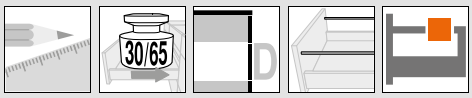
**9 Locking piece set**

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | Z36D0080 |

**9a Design element (side)**

| Colour | Material | | Part no. |
|---|---|---|---|
| Clear \| frosted | Glass | | Z37Rxx7D |
| SW \| TS \| R9006 | Aluminium | 2 x | Z37Axx7D |

Order specification, see accessories – design element

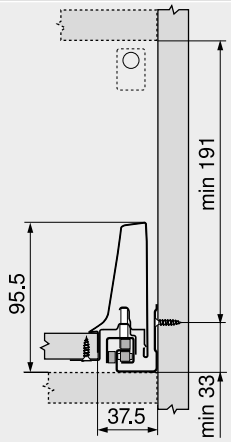



# High fronted pull-out – gallery – D

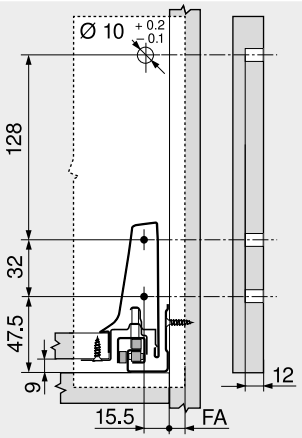
Webcode
DQC9RY

## Planning

### Space requirement in cabinet

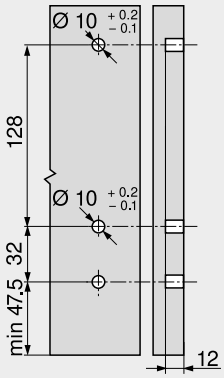



### Installation dimensions – front – screw-on

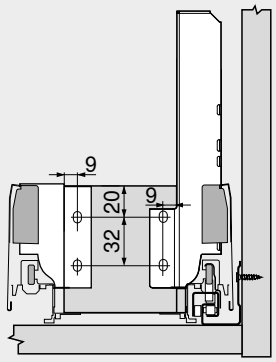



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

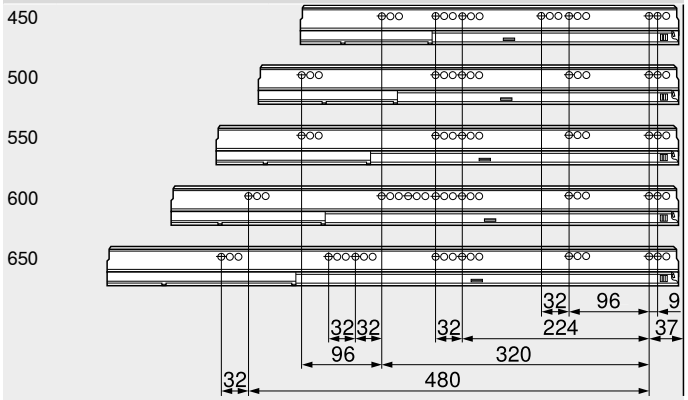



### Installation dimensions – back



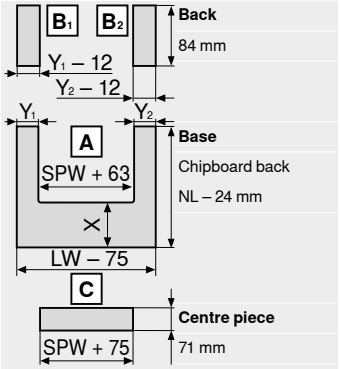

### Screw position – cabinet profiles

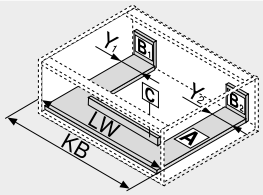
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard



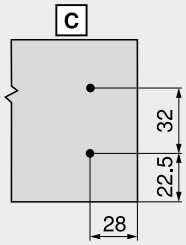




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |
| SPW | Internal width between sink drawer sides |

X = NL drawer sides exterior – NL drawer sides interior – 10 mm

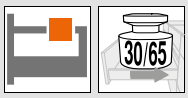
| Y min. (mm) | | Y max. (mm) |
|---|---|---|
| BLUMOTION | TIP-ON BLUMOTION | |
| 48 | 75 | 225 |

### Drilling distances – centre piece




## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | Cabinet profile fixing positions | 342 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | More technical details | 686 | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a350 | |
| CABLOXX | 586 | | | | |
| Accessories – design element | 334 | | | | |
| Accessories | 334 | | | | |






## SPACE TOWER

Webcode
DQGRMM



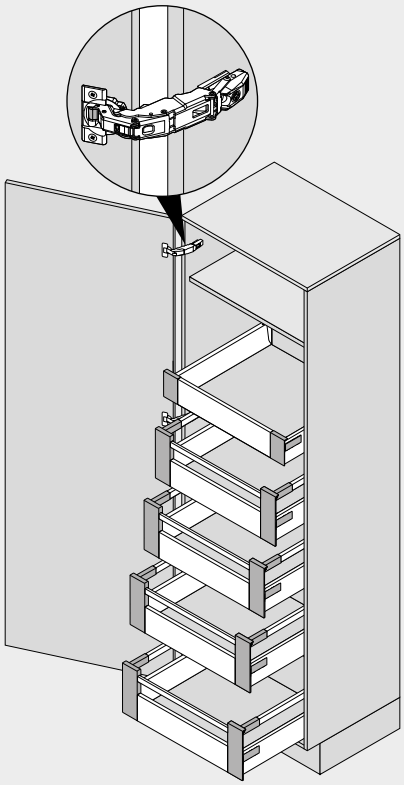
- The flexible larder unit with inner pull-outs; with shelves and inner drawers in the upper area
- Easy access from three sides
- Individually opening pull-outs allow for a complete overview and convenient removal from above
- Light operating forces even with heavily-laden pull-outs
- High backs and side panels guarantee secure stocking
- ORGA-LINE inner dividing systems for pull-outs puts everything in order and allows easy access
- Flexible cabinet dimensions possible



### Order information

| Application recommendation | Page |
|---|---|
| Inner drawer – M | 304 |
| Inner pull-out – gallery – C | 312 |
| Inner pull-out – gallery – D | 316 |
| ORGA-LINE for TANDEMBOX antaro – cross divider | 562 |
| ORGA-LINE for TANDEMBOX antaro – cross gallery | 563 |
| CLIP top BLUMOTION 155° hinge | 104 |

| Recommendation | |
|---|---|
| Cabinet width (mm) | 275–1200 |



### Planning

**Help with planning and ordering**

Short-URL
www.blum.com/planningtools

### Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | | | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | Short-URL | |
| CLIP top BLUMOTION 155° hinge | 104 | | | www.blum.com/a350 | |
| Overview – BLUMOTION for doors | 185 | | | | |
| Accessories | 334 | | | | |
| Overview – assembly devices | 595 | | | | |



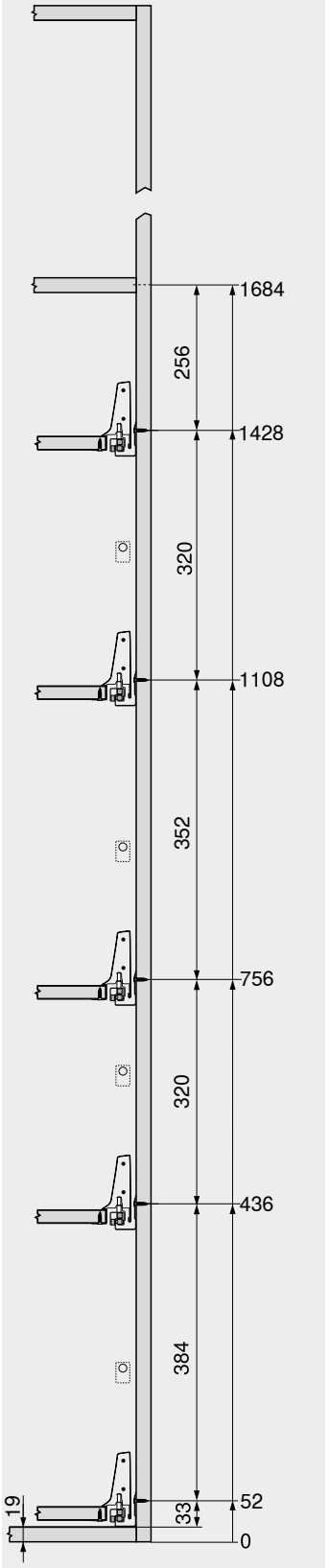

## SPACE TOWER

Webcode
DQGRMM

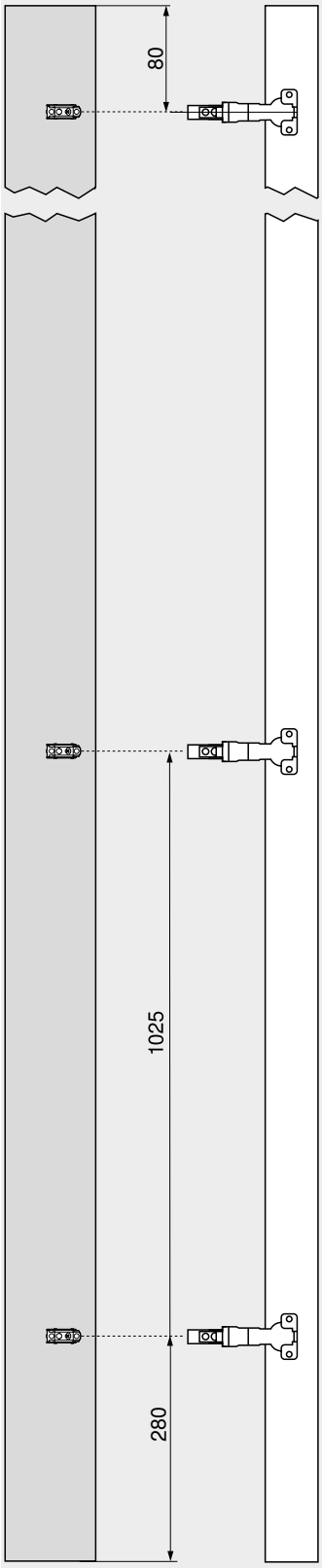
### Planning

#### Recommendation

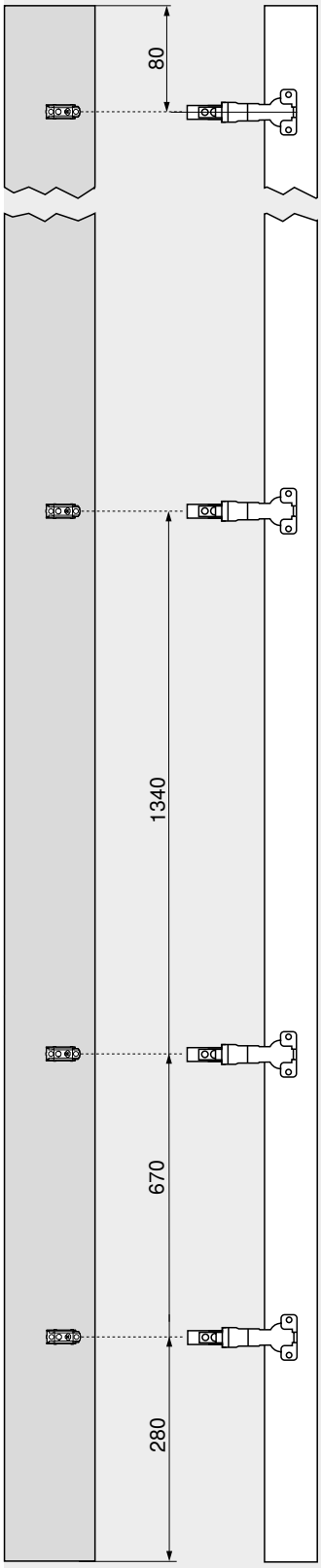
**Positioning in the cabinet**




**Drilling distances – front**




**Drilling distances – front**




In high cabinets, it is practical to have a shelf at the highest level rather than an inner drawer

The inner drawer allows access from the side. If the inner drawer is implemented with a higher back, stored goods are prevented from falling down the back

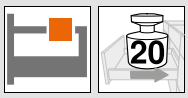
The option to position the pull-outs at different heights within the cabinet guarantees that no items will be too tall to be stored inside

The CLIP top BLUMOTION 155° hinge without front protrusion allows the cabinet width to be put to optimal use

If the hinge is mounted above the pull-out, the lowest pull-out can be inserted right at the bottom. Turning even those last few centimetres into usable storage space

**Page instructions**

Number of Hinges 694





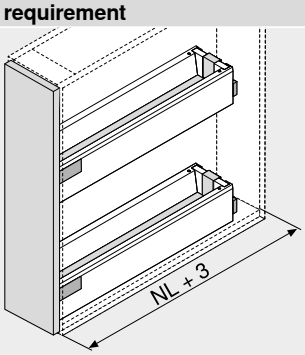

## Narrow cabinets

Webcode
DQGV5A



- Stable solution thanks to diagonally offset cabinet profiles
- Includes integrated **BLUMOTION** for silent and effortless closing action
- High dynamic carrying capacity of 20 kg per base cabinet
- Cabinet width KB 200 mm

### Space requirement




NL Nominal length

### Order information

| Application recommendation | Page |
|---|---|
| Drawer – M | 302 |
| Drawer – K | 306 |
| High fronted pull-out – gallery – C | 310 |
| High fronted pull-out – gallery – D | 314 |
| High fronted pull-out – gallery – D – K drawer side | 318 |
| Cabinet width KB (mm) | 200 |

### Page instructions

| | |
|---|---|
| Overview – TANDEMBOX antaro | 297 |
| TIP-ON BLUMOTION for TANDEMBOX | 372 |
| Accessories | 334 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a350

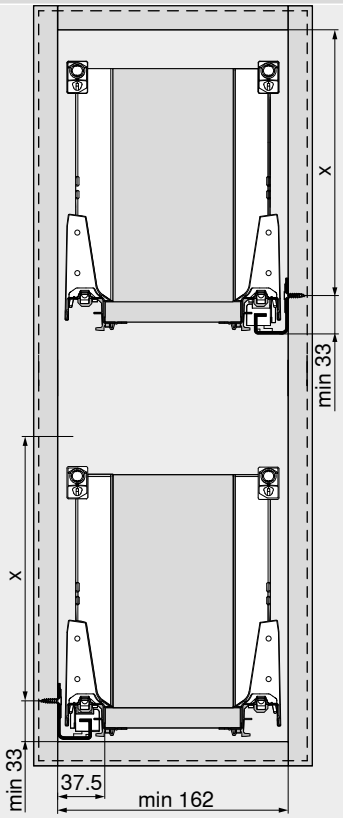



## Narrow cabinets

Webcode
DQGV5A

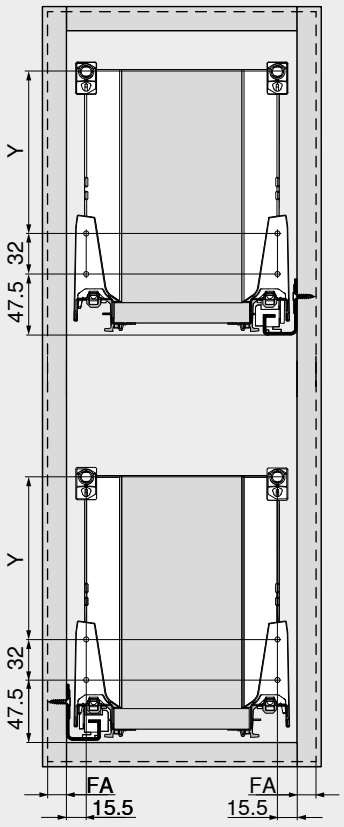
### Planning

#### Space requirement in cabinet




| Installation height | X (mm) |
|---|---|
| M | 65.5 |
| K | 97.5 |
| C | 159 |
| D | 191 |

#### Installation dimensions – front




| Installation height | Height of drawer side | Side panel | Y (mm) |
|---|---|---|---|
| M | M | – | – |
| K | K | – | 32 |
| C | M | Gallery | 96 |
| D | M | Gallery | 128 |
| D | K | Gallery | 32 + 96 |

FA Front overlay

## Glass design element



- Create closed drawer boxes and give your kitchen character
- Material: glass without imprint
- Colour: clear | frosted

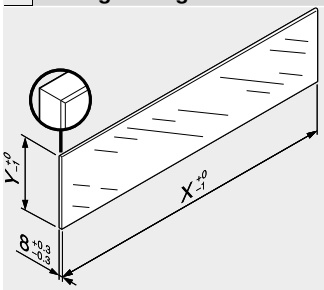
### Order information

| 9a | Glass design element (side) | |
|---|---|---|
| | Colour | Clear \| frosted |
| Nominal length | Height | |
| NL (mm) | C | D |
| 270 | Z37R237C | Z37R237D |
| 300 | Z37R267C | Z37R267D |
| 350 | Z37R317C | Z37R317D |
| 400 | Z37R367C | Z37R367D |
| 450 | Z37R417C | Z37R417D |
| 500 | Z37R467C | Z37R467D |
| 550 | Z37R517C | Z37R517D |
| 600 | Z37R567C | Z37R567D |
| 650 | Z37R617C | Z37R617D |

**Composed of:**
**9a** 2 x Glass design element

### Planning

#### Cutting – design element




| Height | Design element | X (mm) | Y (mm) |
|---|---|---|---|
| C | Side | NL – 33 | 59.5 |
| D | Side | NL – 33 | 91.5 |
| NL | Nominal length | | |

The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

### Page instructions


| | |
|---|---|
| Overview – TANDEMBOX antaro | 297 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a350**

## Aluminium design element



- Create closed drawer boxes and give your kitchen character
- Material: aluminium
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)
- For cutting to size

### Order information

| 9a | | Aluminium design element (side) | |
|---|---|---|---|
| | | Colour | SW \| TS \| R9006 |
| Nominal length | | Height | |
| NL (mm) | | C | D |
| 450 | 2 x | Z37A417C | Z37A417D |
| 500 | 2 x | Z37A467C | Z37A467D |
| 550 | 2 x | Z37A517C | Z37A517D |
| 650 | 2 x | Z37A617C | Z37A617D |

**Composed of:**

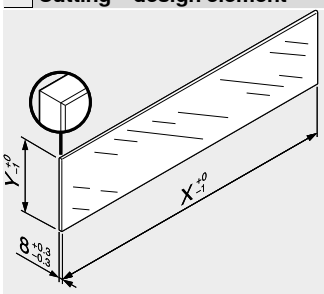
| | |
|---|---|
| 9a | 1 x Aluminium design element |

**Colour**

| | |
|---|---|
| SW | Silk white |
| TS | Terra black |
| R9006 | RAL 9006 grey (white aluminium) |

### Planning

#### Cutting – design element




| Height | Design element | X (mm) | Y (mm) |
|---|---|---|---|
| C | Side | NL – 33 | 59.5 |
| D | Side | NL – 33 | 91.5 |
| NL | Nominal length | | |

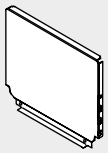
### Page instructions


| | |
|---|---|
| Overview – TANDEMBOX antaro | 297 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a350**

## Steel back



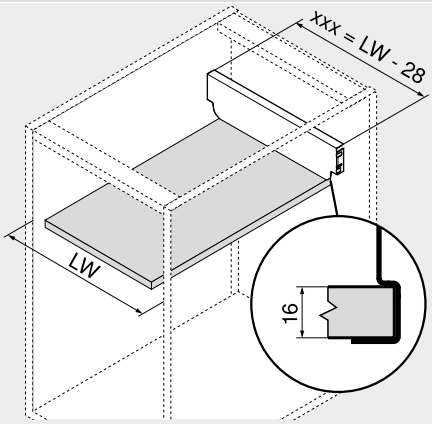
- For TANDEMBOX
- Material: steel
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)

**Order information**

| Back height | Part no. |
|---|---|
| N | Z30NxxxS.6 |
| M | Z30MxxxS.6 |
| K | Z30KxxxS.6 |
| C | Z30CxxxS.6 |
| D | Z30DxxxS.6 |

### Planning

#### Calculation of width

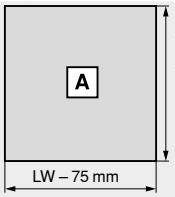



**xxx = LW – 28**

**Example**
Back wall height M
LW = 567 mm
**539 mm** = 567 – 28 mm
**Order**
**Z30M539S.6**

| | |
|---|---|
| xxx | Back width |
| LW | Internal cabinet width |

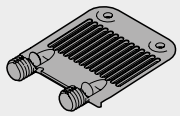
#### Cutting – 16 mm chipboard




**Base**
NL – 22 mm

| | |
|---|---|
| NL | Nominal length |
| LW | Internal cabinet width |

## Front/base stabiliser



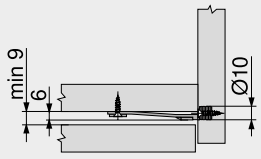
- For stabilising wide and high fronts
- Reinforces the connection between the drawer side and the front

**Order information**

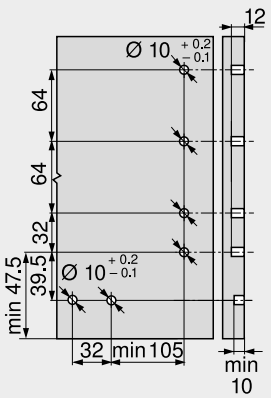
| Fixing method | Colour | Part no. |
|---|---|---|
| EXPANDO | RAL 7037 dust grey | Z96.10E1 |

### Planning

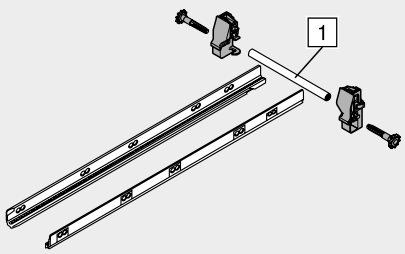
#### Space requirement in cabinet




#### Drilling distances – front



## Side stabilisation – top mounted




- Additional stabilisation for extra wide high fronted pull-outs
- Recommendation: cabinet width KB 900–1200 mm
- Aluminium rod suitable for KB up to 1200 mm, for cutting to size
- Suitable for use with SERVO-DRIVE

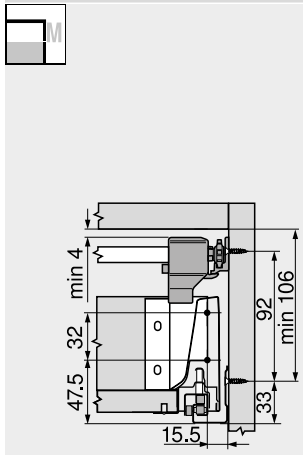
### Order information

| Nominal length NL (mm) | Part no. |
|---|---|
| 450 | ZST.450BA |
| 500 | ZST.500BA |
| 550 | ZST.550BA |
| 600 | ZST.600BA |
| 650 | ZST.650BA |

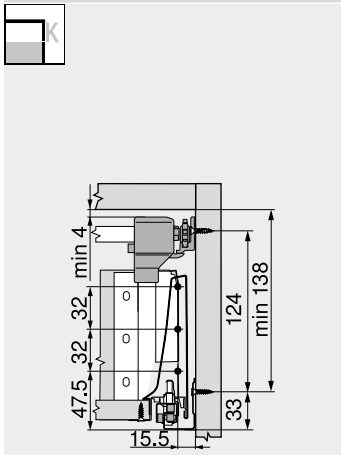
**Cutting**
1 Internal cabinet width LW – 86 mm

### Planning

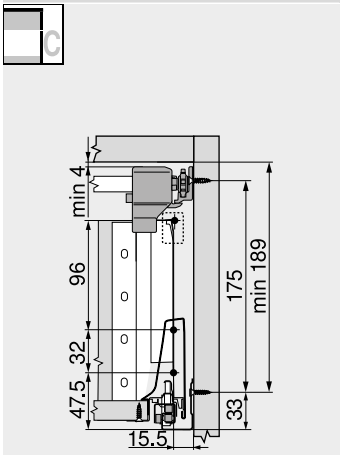
**Space requirement in cabinet**



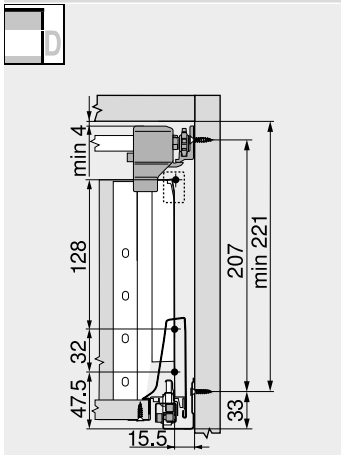

**Space requirement in cabinet**




**Space requirement in cabinet**

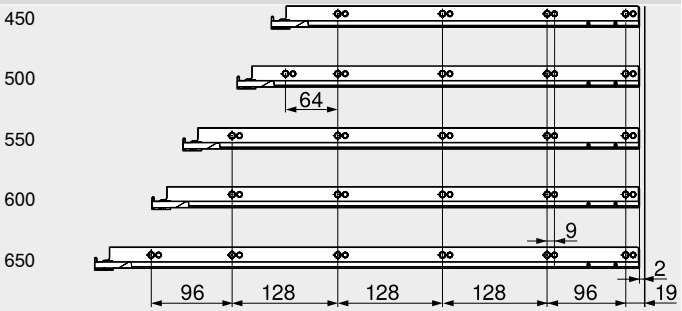



**Space requirement in cabinet**




### Screw position – side stabilisation

**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

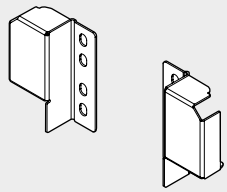
### Page instructions


| | |
|---|---|
| Overview – TANDEMBOX antaro | 297 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a350

## Flexible gallery fixing



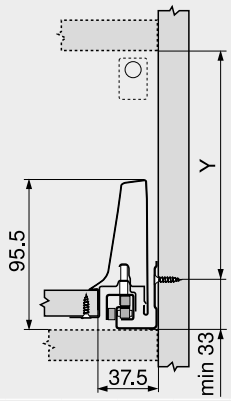
- Material: steel
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)

**Order information**

| Description | Part no. |
|---|---|
| Flexible gallery fixing | ZRR.5200 |

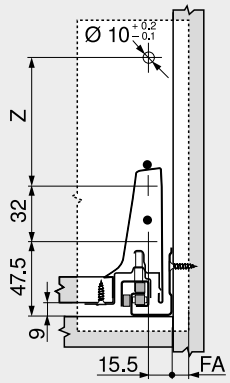
### Planning

#### Space requirement in cabinet



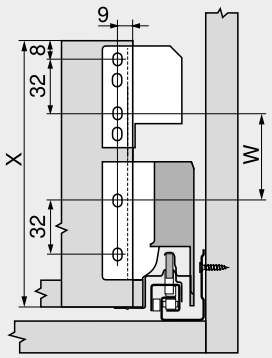

Free placement
Y = X – 4 mm
X Back height

#### Installation dimensions – front – screw-on



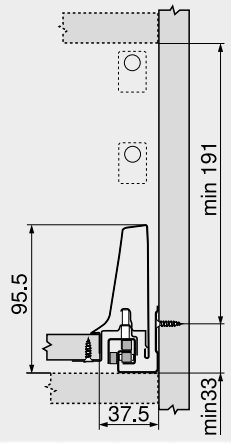

Free placement
Z = X – 71 mm
X Back height
FA Front overlay

#### Installation dimensions – back



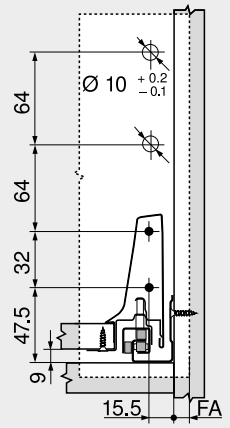

Free placement
W = X – 103 mm
X Back height

#### Space requirement in cabinet



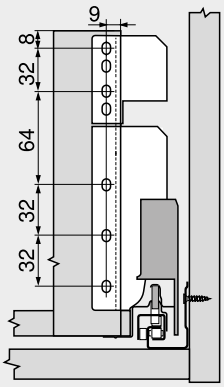

Height D – double gallery (back fixing bracket height B)

#### Installation dimensions – front – screw-on




Height D – double gallery (back fixing bracket height B)
FA Front overlay

#### Installation dimensions – back

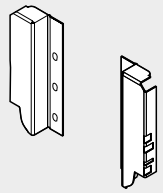



Height D – double gallery (back fixing bracket height B)

**Page instructions**


| | | | |
|---|---|---|---|
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 |
| Accessories – steel back | 336 | | |
| Overview – assembly devices | 595 | | |

## Back fixing B height



- For TANDEMBOX
- Material: steel
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)

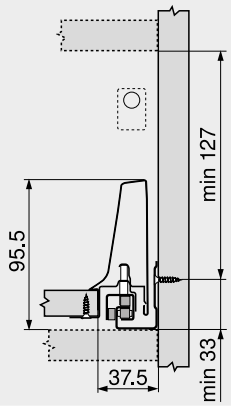
**Order information**

| Description | Part no. |
|---|---|
| Back fixing B height | Z30B000S.04 |
| **Cutting** | |
| Back height | 135 mm |

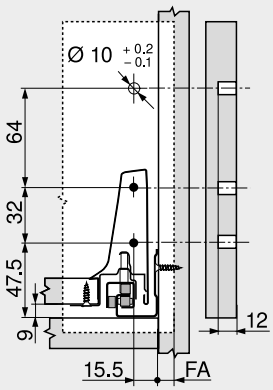


### Planning

**Space requirement in cabinet**

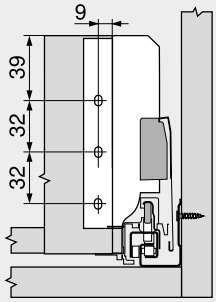



**Installation dimensions – front – screw-on**




FA Front overlay

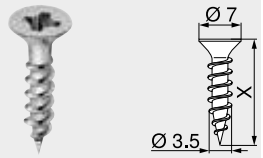
**Installation dimensions – back**




**Page instructions**


| | |
|---|---|
| Overview – TANDEMBOX antaro | 297 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

## Chipboard screws — Ø 3.5 mm

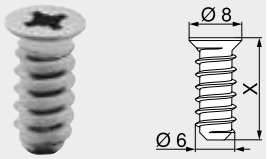



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

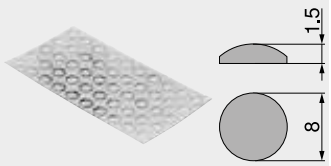


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver

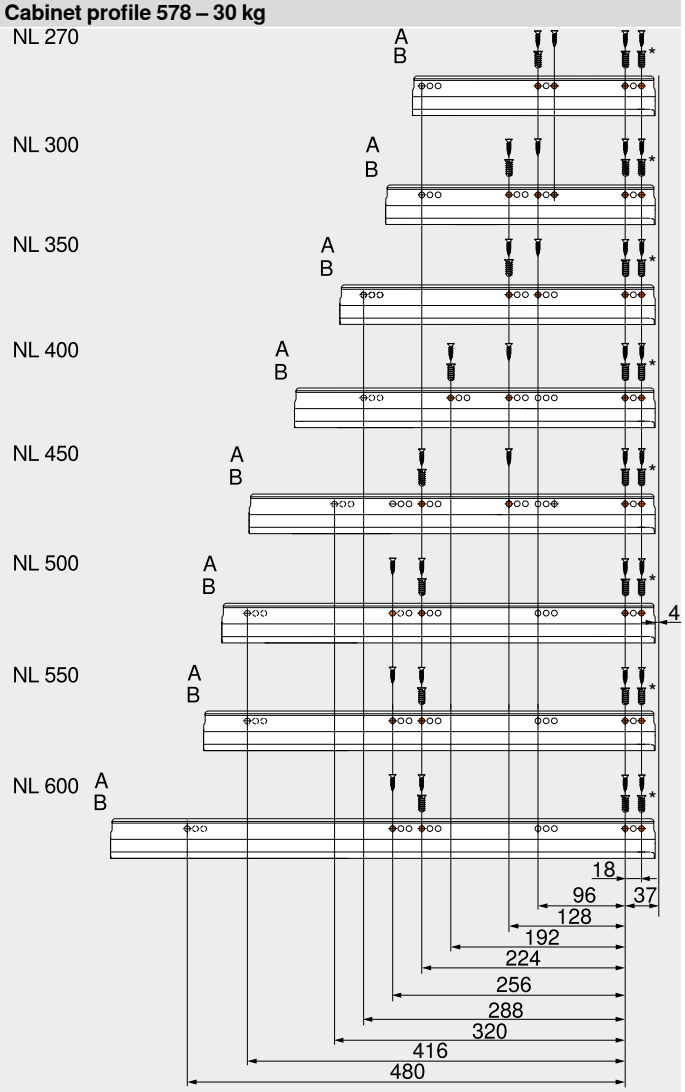


- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

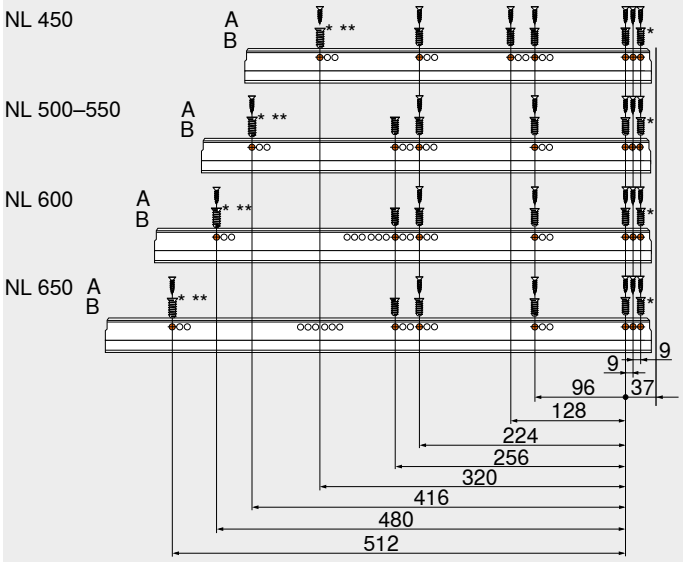
| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## Cabinet profile 578 – 30 kg

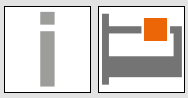



| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | For increased stability |
| | Can be replaced with chipboard screw Ø 4 x 15 mm |

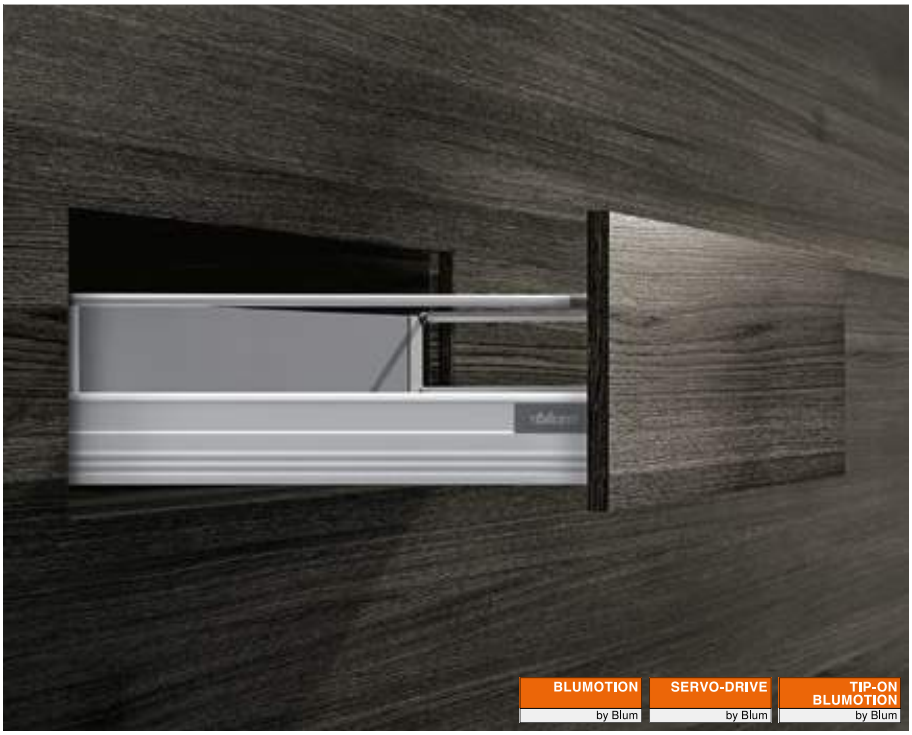
## Cabinet profile 576 – 65 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |
| ** | For increased stability |



## The versatile line




TANDEMBOX plus provides just the right solution for many applications. No matter whether it has a simple round gallery or a closed drawer box, TANDEMBOX plus excels with its sleek design and clear range of colours and parts.

You have the option of combining the different opening support systems as you wish. SERVO-DRIVE, the electrical opening support system in combination with BLUMOTION, or TIP-ON BLUMOTION, the mechanical opening support system, combined with BLUMOTION.



The round gallery and simple design are characteristic of the TANDEMBOX programme line, which has been tried-and-tested over many years



You can make the closed drawer box using a double walled BOXSIDE



**Nylon parts**
The desired drawer side colour is combined with the nylon parts in dust grey, e.g. for the inner pull-out or ORGA-LINE



TANDEMBOX has long proven its worth and offered enhanced ease of use and scope for design for many years. Technological improvements ensure even smoother opening, noticeably more stability and an optimised feather-light glide



For simple product selection and ordering of the available range, use our Product Configurator

**Short-URL**
**www.blum.com/configurator**

## Box systems


Symbolic image


| | | | | |
|---|---|---|---|---|
| Overview – box systems | 217 | ► | METABOX | 410 |
| ► LEGRABOX | 218 | | | |
| ► TANDEMBOX intivo | 270 | | | |
| ► TANDEMBOX antaro | 296 | | | |
| ► TIP-ON BLUMOTION for TANDEMBOX | 372 | | | |
| ► SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 378 | | | |


## ►► Overview


Symbolic image

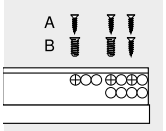

| | |
|---|---|
| ►► Overview – applications | 346 |


## ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Steel back | 364 | Centre bit | 368 |
| Front/base stabiliser | 364 | Door buffer | 368 |
| Side stabilisation – top mounted | 365 | Screwdriver | 369 |
| Side stabilisation – installed at the back | 366 | | |
| METAFILE – file drawer | 367 | | |
| Screws | 368 | | |


## ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 578 – 30 kg | 370 |
| Cabinet profile 576 – 65 kg | 370 |


## ►► Assembly, removal and adjustment

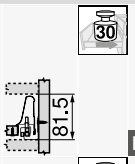
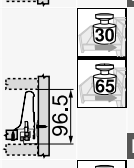
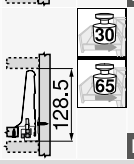
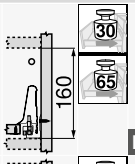
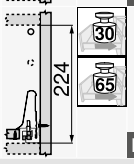

Symbolic image

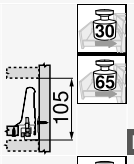
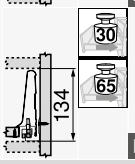
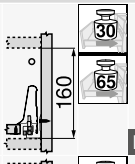
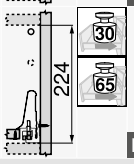
**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a360**

## Pictograph

| | | | |
|---|---|---|---|
| Product Configurator – check product availability | | Installation height and/or min. space requirement in cabinet | |
| Item Available Upon Request | | Dynamic carrying capacity (kg) | |
| General Information | | Planning | |
| Accessories | | Cutting | |
| TANDEMBOX plus | | | |
| Gallery | | | |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Standard cabinet** | | | | |
| **Drawer** | | | | |
|  Drawer – N |   | | DQCCLA | 348 |
|  Drawer – M |   | | DQCDAM | 350 |
|  Drawer – K |   | | DQCDZY | 352 |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – gallery – B |   | | DQCGTA | 354 |
|  High fronted pull-out – gallery – D<br>BOXSIDE possible |   | | DQCHIM | 356 |
| **►► Corner cabinet** | | | | |
|  SPACE CORNER with SYNCROMOTION<br>Help with planning and ordering<br>Short-URL<br>www.blum.com/planningtools |   | | | |
|  SPACE CORNER with rigid fronts<br>Help with planning and ordering<br>Short-URL<br>www.blum.com/planningtools |   | | | |

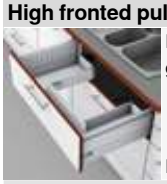
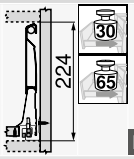
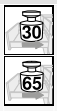
| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **Inner drawer** | | | | |
|  Inner drawer – M |   | | DQCFEM | 350 |
|  Inner drawer – K |   | | DQCG3Y | 352 |
| **Inner pull-out** | | | | |
|  Inner pull-out – gallery – B |   | | DQCIXA | 354 |
|  Inner pull-out – gallery – D<br>BOXSIDE possible |   | | DQCJMM | 356 |

kg Dynamic carrying capacity

**@ | ☎ Check product availability**

**Use the Product Configurator to check the product availability**

Short-URL
www.blum.com/configurator

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Sink cabinet** | | | | |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – gallery – D<br>BOXSIDE possible |  | | DQCI7Y | 358 |
| **►► Larder unit** | | | | |
|  SPACE TOWER<br>Cabinet width 275–1200 mm |  | | DQGSBY | 360 |
| **►► Narrow cabinets** | | | | |
|  Narrow cabinets<br>Cabinet width 200 mm |  | | DQGVUM | 362 |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **Inner pull-out** | | | | |

kg Dynamic carrying capacity

## @ | ☎ Check product availability

**Use the Product Configurator to check the product availability**

**Short-URL**
**www.blum.com/configurator**

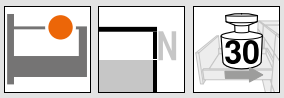
## Recommendation – colour combination of the components

| No. | Description | | Colour | | | | |
|---|---|---|---|---|---|---|---|
| | | | W | R9006 | | | |
| 2 | Left/right drawer sides | | W | R9006 | | | |
| 2 | Left/right drawer sides exterior | | W | R9006 | | | |
| 2a | Cover caps | | R7037 | R7037 | | | |
| 3 | Back fixing left/right | | W | R9006 | | | |
| 3 | Sink back fixing, left/right | [1] | SW | R9006 | | | |
| 3a | Gallery connection for centre gallery | | R7037 | R7037 | | | |
| 4b | Front fixing left/right | | R7037 | R7037 | | | |
| 5 | Front piece without groove | | W | R9006 | | | |
| 6 | Handle | | R7037 | R7037 | | | |
| 6a | Handle | | R7037 | R7037 | | | |
| 6b | Handle and latch | | R7037 | R7037 | | | |
| 7 | Cross gallery | | W | R9006 | | | |
| 8 | Longside gallery rail left/right | | W | R9006 | | | |
| 9 | Double-wall BOXSIDE left/right | [1] | W | R9006 | | | |
| 11 | Left/right drawer sides interior | [1] | W | R9006 | | | |
| 12 | Back fixing left/right | [1] | W | R9006 | | | |

[1] Sink cabinet

| Colour | |
|---|---|
| W | White |
| R9006 | RAL 9006 grey (white aluminium) |

| Colour | |
|---|---|
| R7037 | RAL 7037 dust grey |
| SW | Silk white |





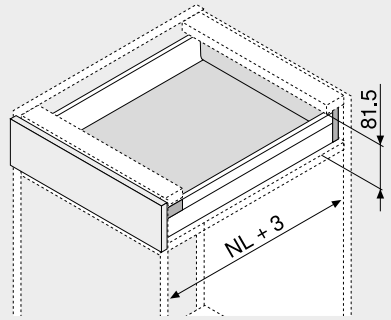

## Drawer – N

Webcode
DQCCLA



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

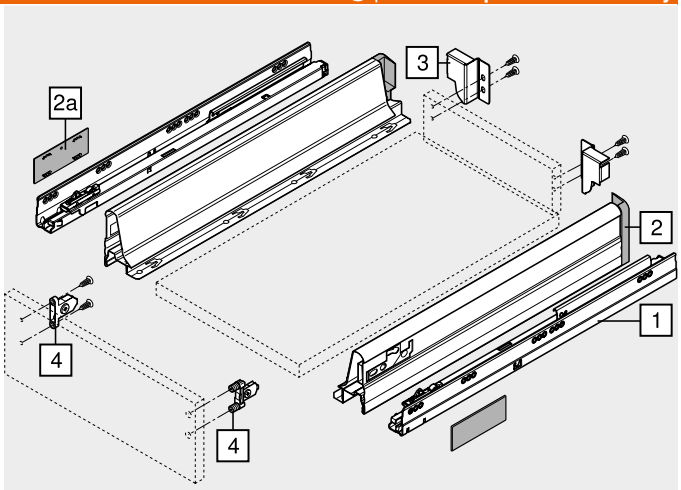
### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability




**1 Cabinet profiles left/right**



BLUMOTION

| Nominal length | Dynamic carrying capacity (kg) | | |
|---|---|---|---|
| NL (mm) | 30 | | |
| 400 | 578.4001B | | |
| 450 | 578.4501B | | |
| 500 | 578.5001B | | |
| 550 | 578.5501B | | |

**2 Left/right drawer sides**



Material Steel

| Nominal length | Colour | | |
|---|---|---|---|
| NL (mm) | W \| R9006 | | |
| 400 | 378N4002S | | |
| 450 | 378N4502S | | |
| 500 | 378N5002S | | |
| 550 | 378N5502S | | |

**2a Cover caps**



| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 2 x | ZAA.330C |

Can be individually printed – minimum order quantity 1000 items

**3 Back fixing left/right**



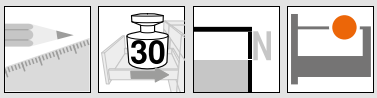
| Colour | Material | Part no. |
|---|---|---|
| W \| R9006 | Steel | Z30N000S.04 |

**4 Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

| Colour | | Colour | |
|---|---|---|---|
| W | White | R7037 | RAL 7037 dust grey |
| R9006 | RAL 9006 grey (white aluminium) | | |

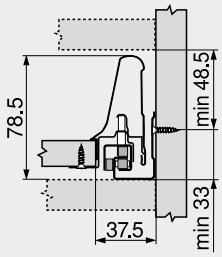


# Drawer – N

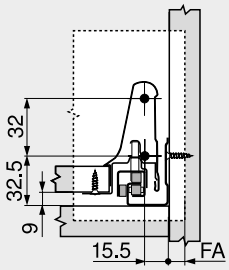
Webcode
DQCCLA

## Planning

### Space requirement in cabinet

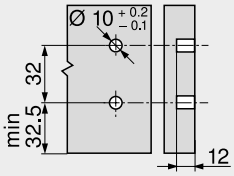



### Installation dimensions – front – screw-on

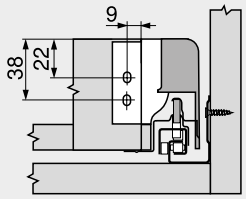



FA Front overlay

### Drilling distances – front – INSERTA | knock-in



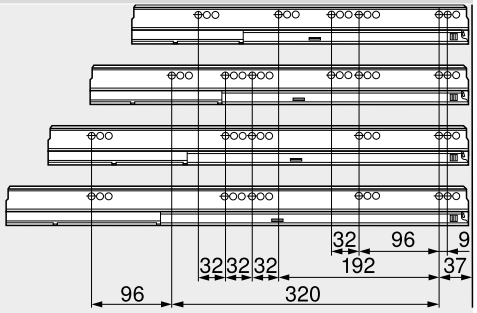

### Installation dimensions – back




### Screw position – cabinet profiles

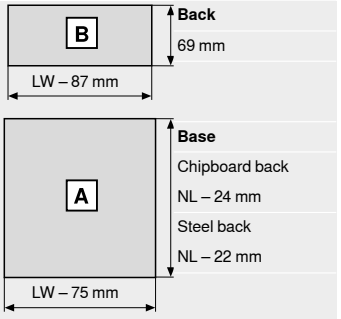
**Nominal length NL (mm)**

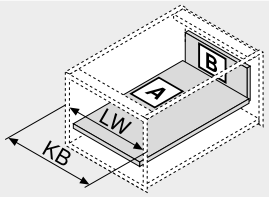
400
450
500
550




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | | | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| Accessories – steel back | 364 | | | www.blum.com/a360 | |
| Accessories | 364 | | | | |
| Cabinet profile fixing positions | 370 | | | | |
| Overview – assembly devices | 595 | | | | |





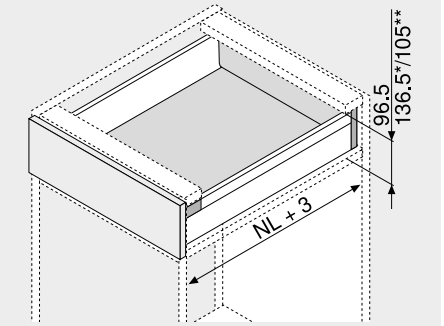

## Drawer | inner drawer – M

| Web-code | | |
|---|---|---|
| | Drawer | DQCDAM |
| | Inner drawer | DQCFEM |



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature
- Inner drawers either with handle or handle and latch

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Inner drawer |
| ** | Inner drawer with handle |

## Order information

■ Drawer □ Inner drawer

**1 ■□ Cabinet profiles left/right**



**BLUMOTION**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 270 | 578.2701B | |
| 300 | 578.3001B | |
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 ■□ Left/right drawer sides**



**Material** Steel

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 270 | 378M2702S |
| 300 | 378M3002S |
| 350 | 378M3502S |
| 400 | 378M4002S |
| 450 | 378M4502S |
| 500 | 378M5002S |
| 550 | 378M5502S |
| 600 | 378M6002S |
| 650 | 378M6502S |

**2a ■□ Cover caps**



| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 2 x | ZAA.330C |

Can be individually printed – minimum order quantity 1000 items

**3 ■□ Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| W \| R9006 | Steel | Z30M000S.04 |

**4a ■ Front fixing bracket**



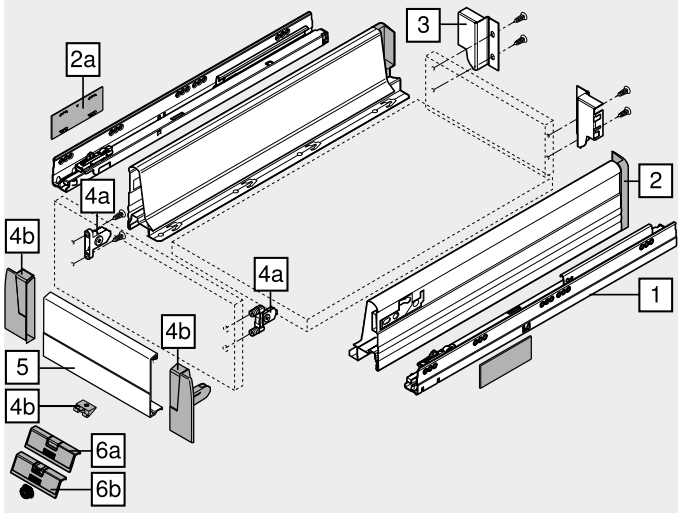
| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

**4b □ Front fixing left/right**



| Description | Colour | Part no. |
|---|---|---|
| Front fixing | R7037 | ZIF.70M0 |
| Locking piece | Natural | Z31A0008 |

**@ | ☎ Check product availability**




**5 □ Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| W \| R9006 | 1081 | Z31A1081A |

**Cutting** Internal cabinet width LW – 87 mm

## a Accessories

**6a □ Handle**



| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | ZIF.7005 |

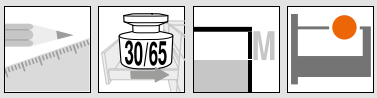
**Alternative to 6a**

**6b □ Handle and latch**



| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | ZIF.7007 |

| Colour | | Colour | |
|---|---|---|---|
| W | White | R7037 | RAL 7037 dust grey |
| R9006 | RAL 9006 grey (white aluminium) | | |

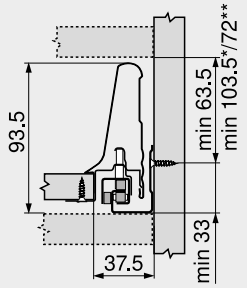


# Drawer | inner drawer – M

| Web-code | | |
|---|---|---|
| | Drawer | DQCDAM |
| | Inner drawer | DQCFEM |

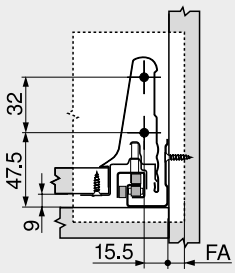
## Planning

### Space requirement in cabinet



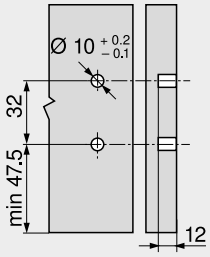

* Inner drawer
** Inner drawer with handle possible from height 72 mm

### Installation dimensions – front – screw-on

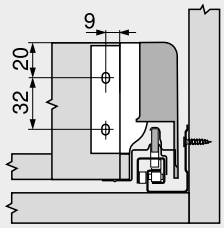



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

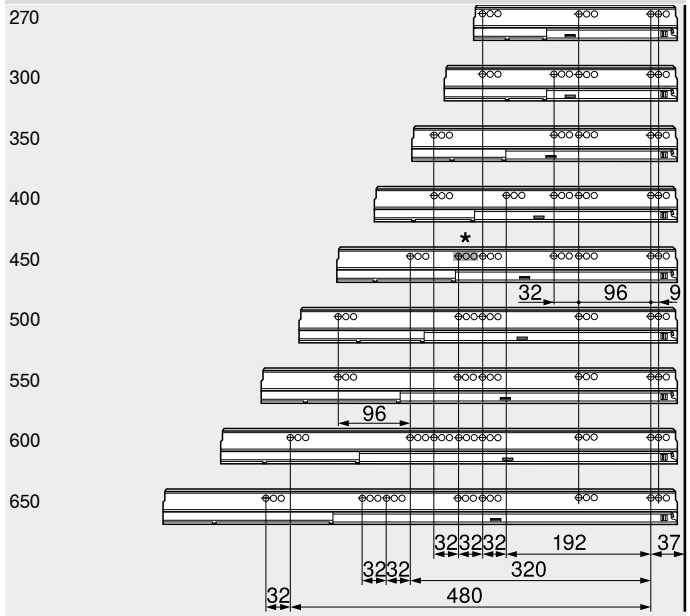



### Installation dimensions – back



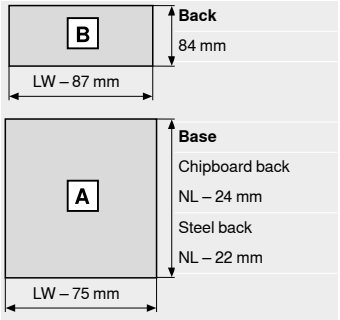

### Screw position – cabinet profiles

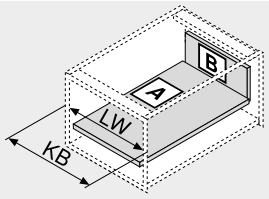
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

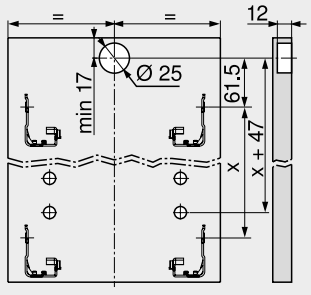
### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Drilling distances – front – latch




Inner drawer

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | More technical details | 686 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a360 | |
| Accessories – steel back | 364 | | | | |
| Accessories | 364 | | | | |
| Cabinet profile fixing positions | 370 | | | | |

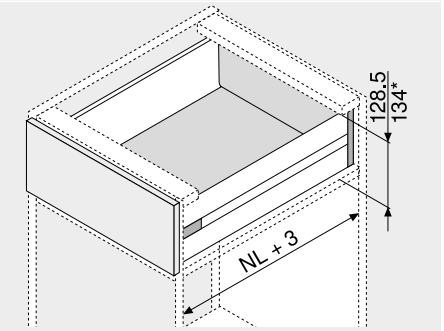
## Drawer | inner drawer – K

| Web-code | | |
|---|---|---|
| | Drawer | DQCDZY |
| | Inner drawer | DQCG3Y |



- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 2-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length
* Inner drawer

### Order information

■ Drawer □ Inner drawer

@ | ☎ Check product availability

**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**

Material: Steel

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 400 | 378K4002S |
| 450 | 378K4502S |
| 500 | 378K5002S |
| 550 | 378K5502S |
| 600 | 378K6002S |
| 650 | 378K6502S |

**2a Cover caps**

| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 2 x | ZAA.330C |

Can be individually printed – minimum order quantity 1000 items

**2b Positioning dowel**

| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 2 x | T54.3300 |

**3 Back fixing left/right**

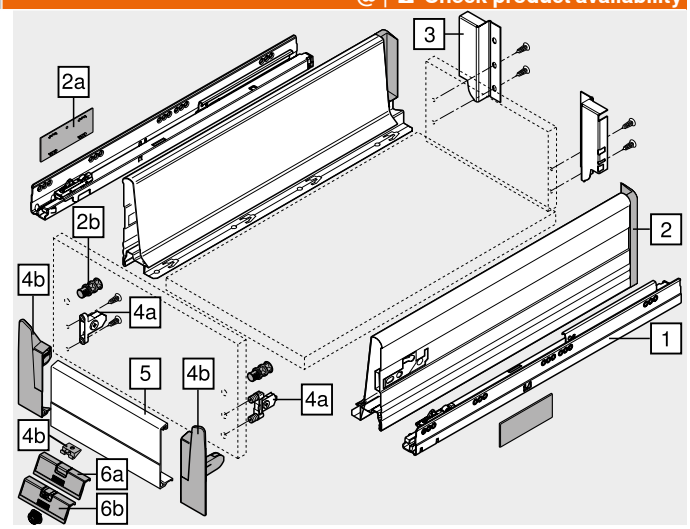
| Colour | Material | Part no. |
|---|---|---|
| W \| R9006 | Steel | Z30K000S |

**4a Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

**4b Front fixing left/right**

| Description | Colour | Part no. |
|---|---|---|
| Front fixing | R7037 | ZIF.70K0 |
| Locking piece | Natural | Z31A0008 |




**5 Front piece without groove**

| Colour | Length (mm) | Part no. |
|---|---|---|
| W \| R9006 | 1081 | Z31A1081A |

Cutting: Internal cabinet width LW – 87 mm

**a Accessories**

**6a Handle**

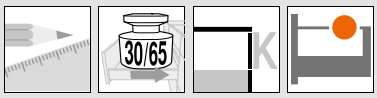
| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | ZIF.7005 |

Alternative to 6a

**6b Handle and latch**

| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | ZIF.7007 |

| Colour | | Colour | |
|---|---|---|---|
| W | White | R7037 | RAL 7037 dust grey |
| R9006 | RAL 9006 grey (white aluminium) | | |

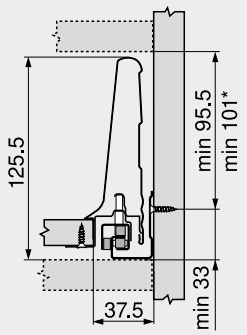



## Drawer | inner drawer – K

| Web-code | | |
|---|---|---|
| | Drawer | DQCDZY |
| | Inner drawer | DQCG3Y |

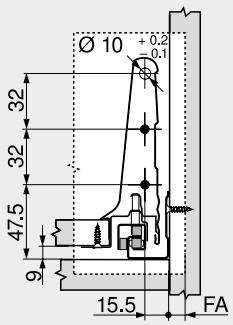
### Planning

#### Space requirement in cabinet



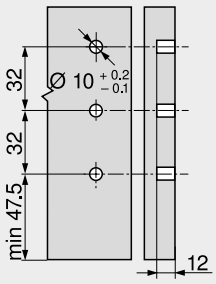

* Inner drawer

#### Installation dimensions – front – screw-on

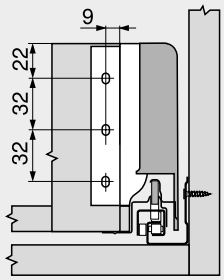



FA Front overlay

#### Drilling distances – front – INSERTA | knock-in

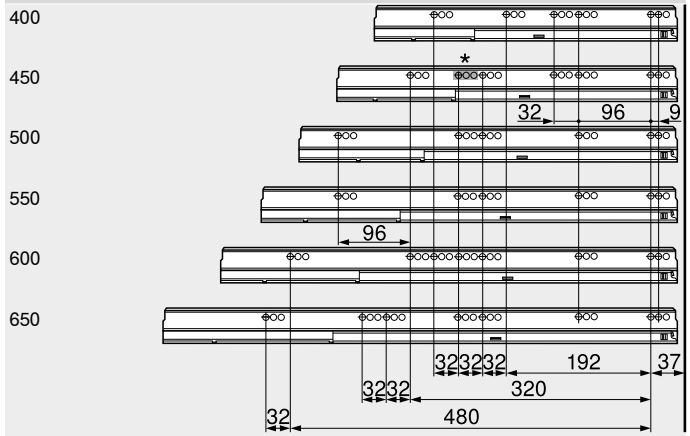



#### Installation dimensions – back




#### Screw position – cabinet profiles

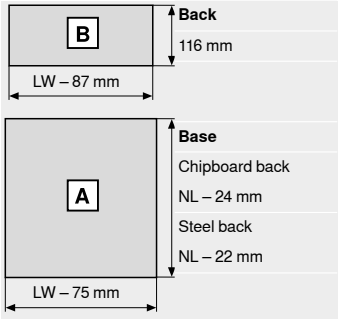
**Nominal length NL (mm)**

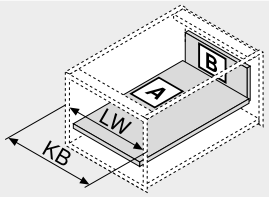



Internal cabinet depth LT min. = nominal length NL + 3 mm

* Line drilling only with 578.4501B (30 kg)

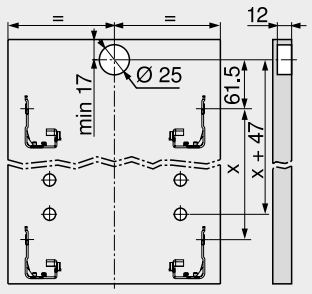
#### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

#### Drilling distances – front – latch




Inner drawer

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | More technical details | 686 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a360 | |
| Accessories – steel back | 364 | | | | |
| Accessories | 364 | | | | |
| Cabinet profile fixing positions | 370 | | | | |



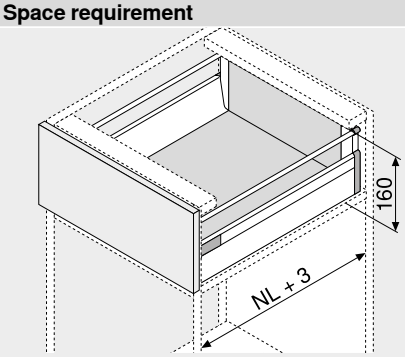

## High fronted pull-out | inner pull-out – gallery – B

| Web-code | | |
|---|---|---|
| | High fronted pull-out | DQCGTA |
| | Inner pull-out | DQCIXA |



- With simple gallery
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

■ High fronted pull-out ☐ Inner pull-out

**1 Cabinet profiles left/right**



BLUMOTION

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides**



Material Steel

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 350 | 378M3502S |
| 400 | 378M4002S |
| 450 | 378M4502S |
| 500 | 378M5002S |
| 550 | 378M5502S |
| 600 | 378M6002S |
| 650 | 378M6502S |

**2a Cover caps**



| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 2 x | ZAA.330C |

Can be individually printed – minimum order quantity 1000 items

**3 Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| W \| R9006 | Steel | Z30B000S.04 |

**4a Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

**4b Front fixing left/right**



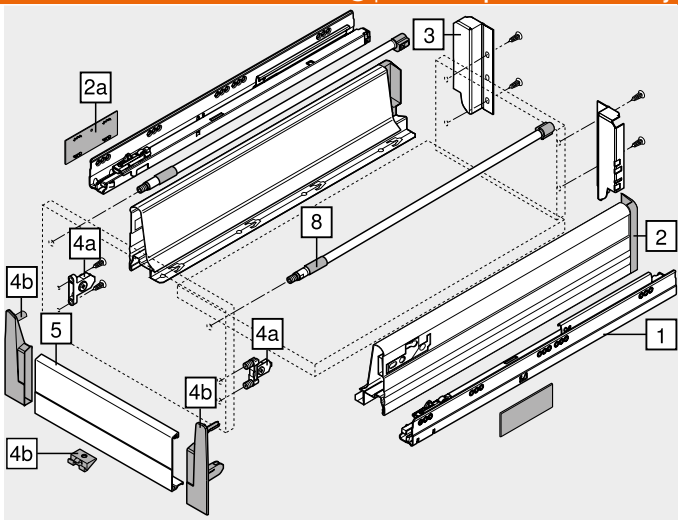
| Description | Colour | Part no. |
|---|---|---|
| Front fixing | R7037 | ZIF.72B0 |
| Locking piece | Natural | Z31A0008 |

**5 Front piece without groove**



| Colour | Length (mm) | Part no. |
|---|---|---|
| W \| R9006 | 1081 | Z31A1081A |

Cutting Internal cabinet width LW – 87 mm

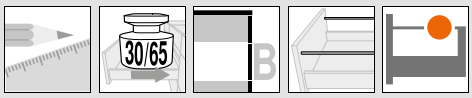



**8 Longside gallery rail**



| Nominal length NL (mm) | | Colour W \| R9006 | Nominal length NL (mm) | | Colour W \| R9006 |
|---|---|---|---|---|---|
| 350 | 2 x | ZRG.296V.IC | 550 | 2 x | ZRG.496V.IC |
| 400 | 2 x | ZRG.346V.IC | 600 | 2 x | ZRG.546V.IC |
| 450 | 2 x | ZRG.396V.IC | 650 | 2 x | ZRG.596V.IC |
| 500 | 2 x | ZRG.446V.IC | | | |

| Colour | | Colour | |
|---|---|---|---|
| W | White | R7037 | RAL 7037 dust grey |
| R9006 | RAL 9006 grey (white aluminium) | | |



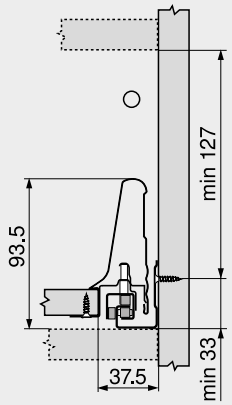



# High fronted pull-out | inner pull-out – gallery – B

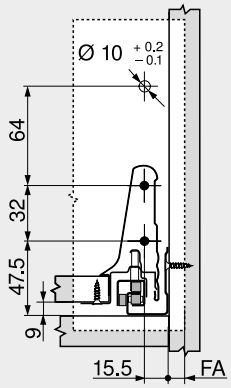
| Web-code | High fronted pull-out | DQCGTA |
|---|---|---|
| | Inner pull-out | DQCIXA |

## Planning

### Space requirement in cabinet

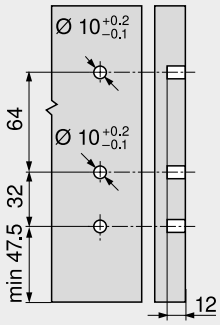



### Installation dimensions – front – screw-on

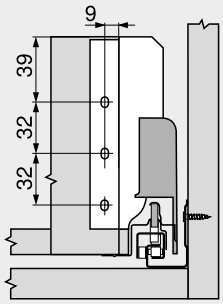



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

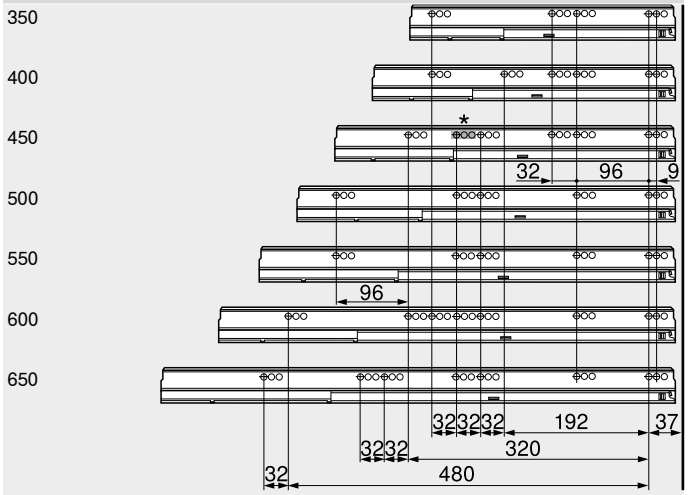



### Installation dimensions – back



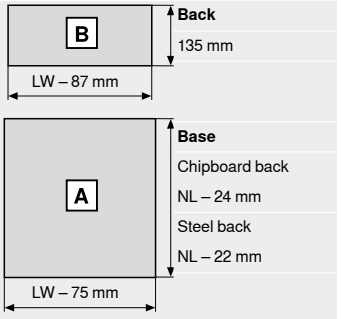

### Screw position – cabinet profiles

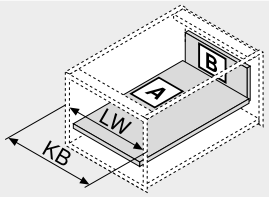
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | More technical details | 686 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| Accessories – steel back | 364 | | | www.blum.com/a360 | |
| Accessories | 364 | | | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | | |
| Cabinet profile fixing positions | 370 | | | | |



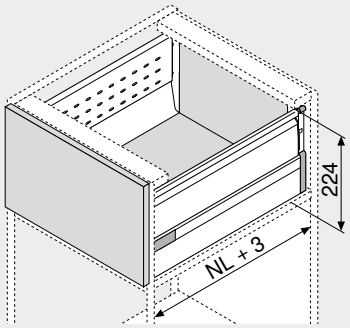

## High fronted pull-out | inner pull-out – gallery – D

| Web-code | | |
|---|---|---|
| | High fronted pull-out | DQCHIM |
| | Inner pull-out | DQCJMM |



- With simple gallery
- Double walled BOXSIDE possible
- Double gallery possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- Tool-free front assembly
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

### Space requirement




NL Nominal length

### Order information

■ High fronted pull-out ☐ Inner pull-out

**1 ■☐ Cabinet profiles left/right**



**BLUMOTION**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 350 | 578.3501B | |
| 400 | 578.4001B | |
| 450 | 578.4501B | 576.4501B |
| 500 | 578.5001B | 576.5001B |
| 550 | 578.5501B | 576.5501B |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 ■☐ Left/right drawer sides**



**Material** Steel

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 350 | 378M3502S |
| 400 | 378M4002S |
| 450 | 378M4502S |
| 500 | 378M5002S |
| 550 | 378M5502S |
| 600 | 378M6002S |
| 650 | 378M6502S |

**2a ■☐ Cover caps**



| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 2 x | ZAA.330C |

Can be individually printed – minimum order quantity 1000 items

**3 ■☐ Back fixing left/right**



| Colour | Material | Part no. |
|---|---|---|
| W \| R9006 | Steel | Z30D000SL |

**4a ■ Front fixing bracket**



| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 2 x | ZSF.39A2 |
| Screw-on | 2 x | ZSF.35A2 |
| Knock-in | 2 x | ZSF.36A2 |

**4b ☐ Front fixing left/right**



| Description | Colour | Part no. |
|---|---|---|
| Front fixing | R7037 | ZIF.73D0 |
| Locking piece | Natural | Z31A0008 |

**5 ☐ Front piece without groove**

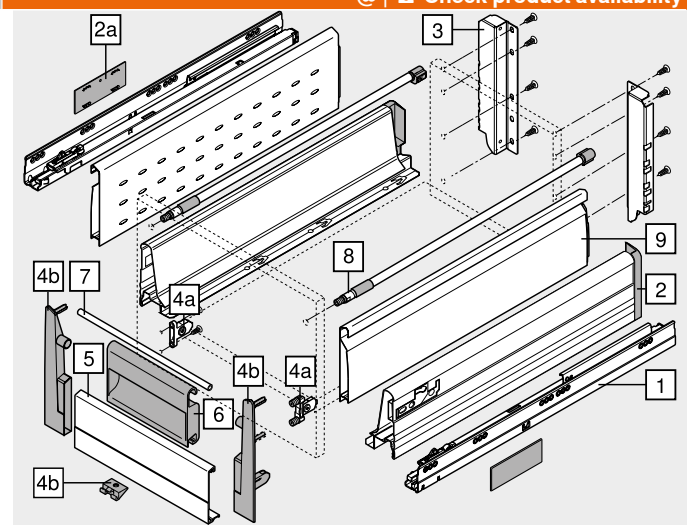


| Colour | Length (mm) | Part no. |
|---|---|---|
| W \| R9006 | 1081 | Z31A1081A |

Cutting Internal cabinet width LW – 87 mm

| Colour | | Colour | |
|---|---|---|---|
| W | White | R7037 | RAL 7037 dust grey |
| R9006 | RAL 9006 grey (white aluminium) | | |

@ | ☎ Check product availability




**6 ☐ Handle**



| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | ZIF.7008 |

Starting with cabinet width KB 900 mm we recommend 2 handles

**7 ☐ Cross gallery**



| Colour | Length (mm) | Part no. |
|---|---|---|
| W \| R9006 | 1094 | ZRG.1094U |

Cutting Internal cabinet width LW – 68 mm

**8 ■■ Longside gallery rail**



| Nominal length NL (mm) | Colour W \| R9006 | | Nominal length NL (mm) | Colour W \| R9006 |
|---|---|---|---|---|
| 350 | 2 x | ZRG.296V.IC | 550 | 2 x ZRG.496V.IC |
| 400 | 2 x | ZRG.346V.IC | 600 | 2 x ZRG.546V.IC |
| 450 | 2 x | ZRG.396V.IC | 650 | 2 x ZRG.596V.IC |
| 500 | 2 x | ZRG.446V.IC | | |

## a Accessories

**3a ■☐ Gallery connection for centre gallery**



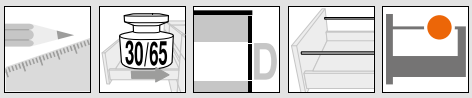
| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 2 x | ZRG.000E3 |

For double gallery

**9 ■☐ Double-wall BOXSIDE left/right**



| Nominal length NL (mm) | Colour W \| R9006 | Nominal length NL (mm) | Colour W \| R9006 |
|---|---|---|---|
| 450 | Z37H418S.E | 600 | Z37H568S.E |
| 500 | Z37H468S.E | 650 | Z37H618S.E |
| 550 | Z37H518S.E | | |

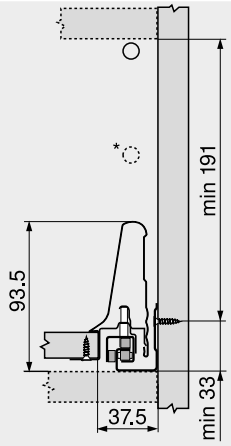



## High fronted pull-out | inner pull-out – gallery – D

| Web-code | High fronted pull-out | DQCHIM |
|---|---|---|
| | Inner pull-out | DQCJMM |

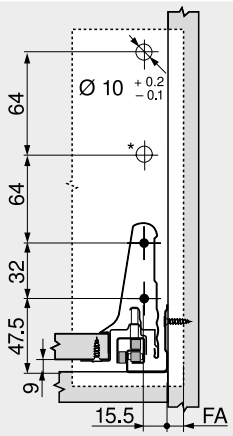
### Planning

#### Space requirement in cabinet



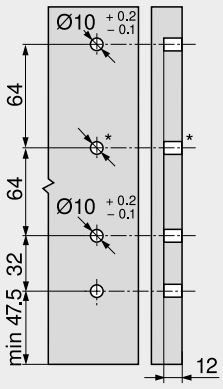

* With double gallery

#### Installation dimensions – front – screw-on



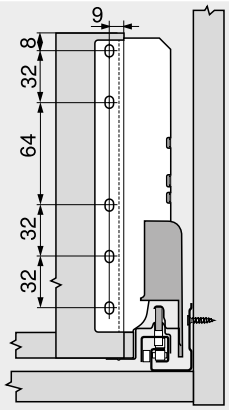

FA Front overlay
* With double gallery

#### Drilling distances – front – INSERTA | knock-in



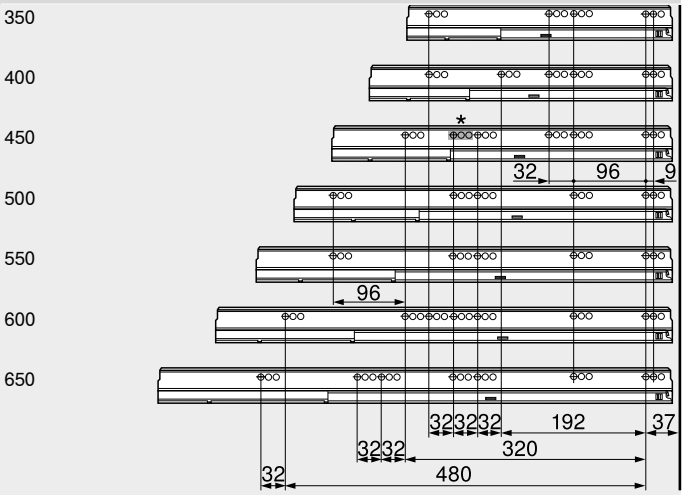

* With double gallery

#### Installation dimensions – back



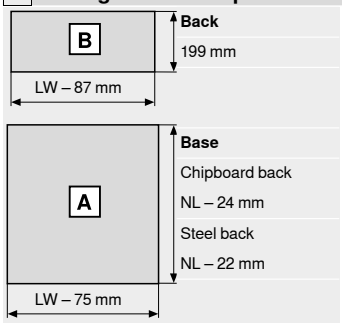

#### Screw position – cabinet profiles

**Nominal length NL (mm)**



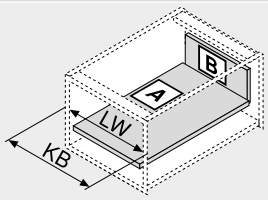

Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

#### Cutting – 16 mm chipboard




**Back**
199 mm

**Base**
Chipboard back
NL – 24 mm
Steel back
NL – 22 mm




KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | More technical details | 686 | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a360 | |
| Accessories – steel back | 364 | | | | |
| Accessories | 364 | | | | |
| Cabinet profile fixing positions | 370 | | | | |





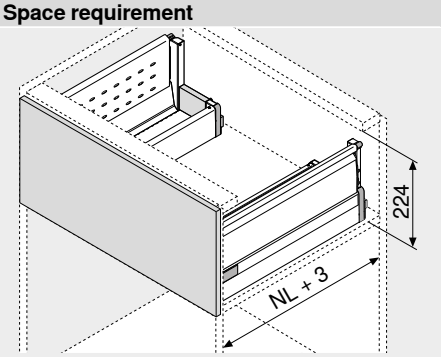

## High fronted pull-out – gallery – D

Webcode DQCI7Y



- Can be combined with standard components
- With simple gallery
- Double walled BOXSIDE possible
- Double gallery possible
- Concealed, guided full extension – unsurpassed running action – for the lifetime of the furniture
- 3-dimensional front adjustment
- Includes integrated **BLUMOTION** for silent and effortless closing action, can be combined with **SERVO-DRIVE**
- Either with **TIP-ON BLUMOTION** for handle-less furniture, or even for furniture with handle elements as a design feature

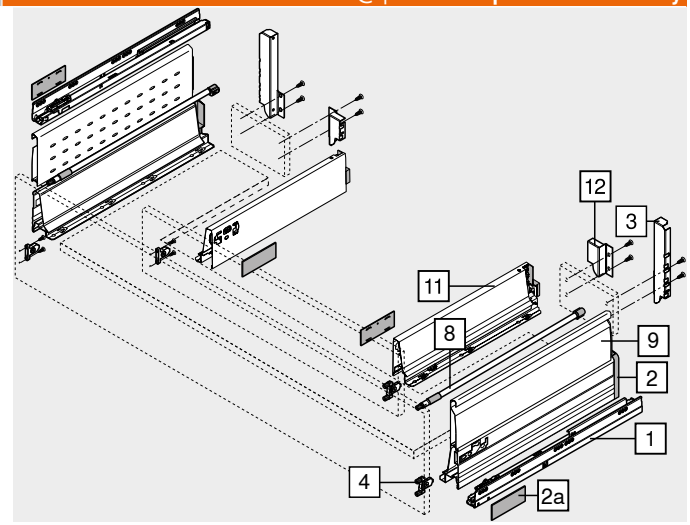
### Space requirement




NL Nominal length

## Order information

@ | ☎ Check product availability




**1 Cabinet profiles left/right**

BLUMOTION

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 450 | 578.4501B | |
| 500 | 578.5001B | |
| 550 | 578.5501B | |
| 600 | 578.6001B | 576.6001B |
| 650 | | 576.6501B |

**2 Left/right drawer sides exterior**

Material Steel

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 450 | 378M4502S |
| 500 | 378M5002S |
| 550 | 378M5502S |
| 600 | 378M6002S |
| 650 | 378M6502S |

**2a Cover caps**

| Colour | Material | | Part no. |
|---|---|---|---|
| R7037 | Nylon | 4 x | ZAA.330C |

Can be individually printed – minimum order quantity 1000 items

**3 Sink back fixing, left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| R9006 | Steel | Z30D000S.22 |

**4 Front fixing bracket**

| Fixing method | | Part no. |
|---|---|---|
| INSERTA | 4 x | ZSF.39A2 |
| Screw-on | 4 x | ZSF.35A2 |
| Knock-in | 4 x | ZSF.36A2 |

**8 Longside gallery rail**

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 450 2 x | ZRG.396V.IC |
| 500 2 x | ZRG.446V.IC |
| 550 2 x | ZRG.496V.IC |
| 600 2 x | ZRG.546V.IC |
| 650 2 x | ZRG.596V.IC |

| Colour | | Colour | |
|---|---|---|---|
| W | White | R7037 | RAL 7037 dust grey |
| R9006 | RAL 9006 grey (white aluminium) | SW | Silk white |

**9 Double-wall BOXSIDE left/right**

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 450 | Z37H418S.E |
| 500 | Z37H468S.E |
| 550 | Z37H518S.E |
| 600 | Z37H568S.E |
| 650 | Z37H618S.E |

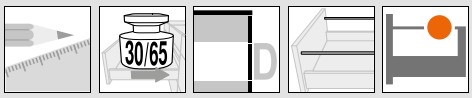
**11 Left/right drawer sides interior**

| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 270 | 378M2702S |
| 300 | 378M3002S |
| 350 | 378M3502S |
| 400 | 378M4002S |
| 450 | 378M4502S |
| 500 | 378M5002S |

**For effective use of storage space, we recommend**
Nominal length NL drawer sides exterior (no 2) – nominal length NL drawer sides interior (no 11) = min. 150 mm

**12 Back fixing left/right**

| Colour | Material | Part no. |
|---|---|---|
| SW \| R9006 | Steel | Z30M000S.04 |

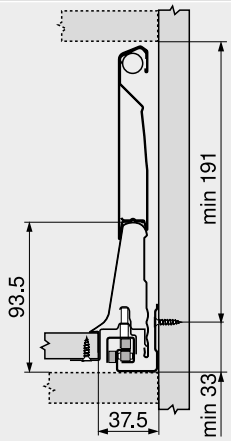



# High fronted pull-out – gallery – D

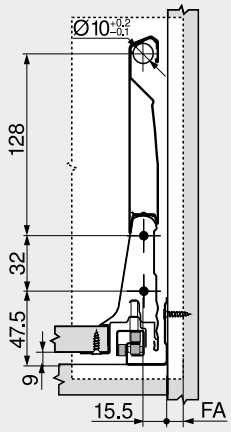
Webcode
DQCI7Y

## Planning

### Space requirement in cabinet

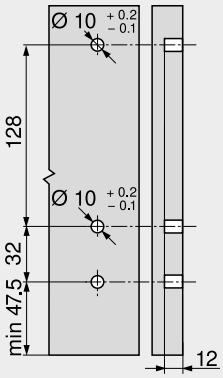



### Installation dimensions – front – screw-on

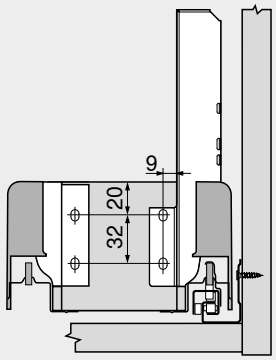



FA Front overlay

### Drilling distances – front – INSERTA | knock-in

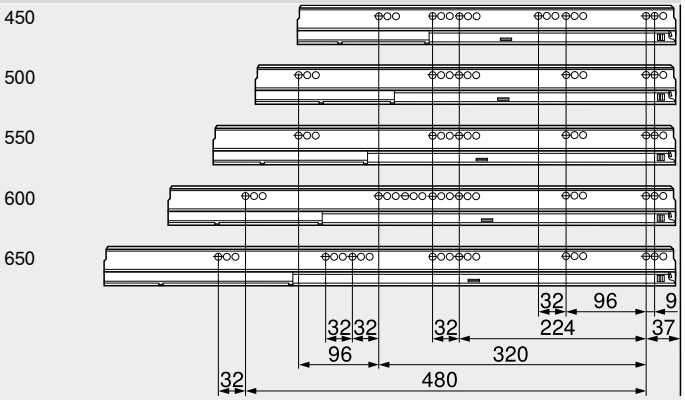



### Installation dimensions – back



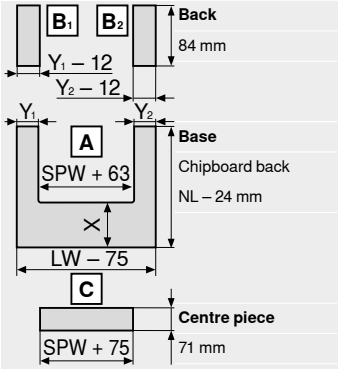

### Screw position – cabinet profiles

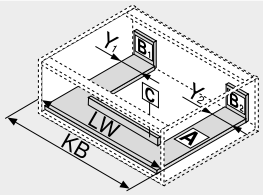
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard



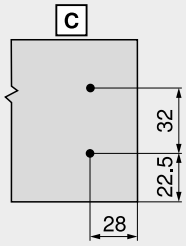




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |
| SPW | Internal width between sink drawer sides |

X = NL drawer sides exterior – NL drawer sides interior – 10 mm

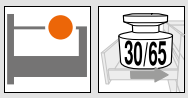
| Y min. (mm) | | Y max. (mm) |
|---|---|---|
| BLUMOTION | TIP-ON BLUMOTION | |
| 48 | 75 | 225 |

### Drilling distances – centre piece




## Page instructions

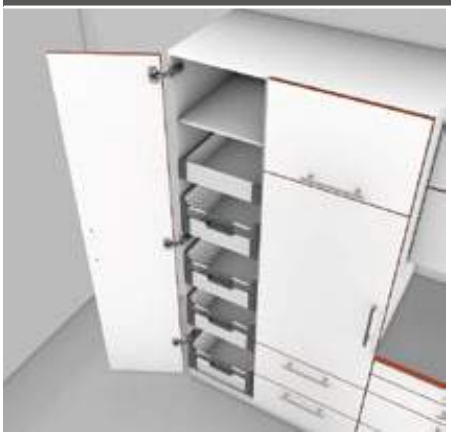

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | More technical details | 686 | Assembly, removal and adjustment | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | | | | |
| TIP-ON BLUMOTION for TANDEMBOX | 372 | | | Short-URL | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | www.blum.com/a360 | |
| Accessories | 364 | | | | |
| Cabinet profile fixing positions | 370 | | | | |
| Overview – assembly devices | 595 | | | | |






## SPACE TOWER

Webcode
DQGSBY



- The flexible larder unit with inner pull-outs; with shelves and inner drawers in the upper area
- Easy access from three sides
- Individually opening pull-outs allow for a complete overview and convenient removal from above
- Light operating forces even with heavily-laden pull-outs
- High backs and side panels guarantee secure stocking
- ORGA-LINE inner dividing systems for pull-outs puts everything in order and allows easy access
- Flexible cabinet dimensions possible

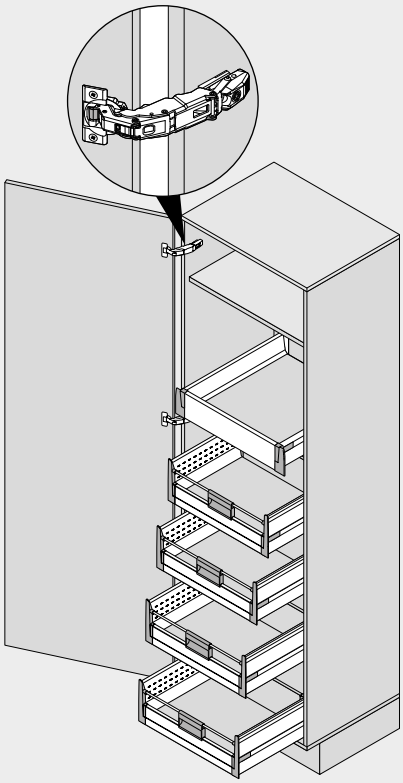


### Order information

@ | ☎ Check product availability

| Application recommendation | Page |
|---|---|
| Inner drawer – M | 350 |
| Inner pull-out – gallery – D | 356 |
| ORGA-LINE for TANDEMBOX plus – cross gallery | 564 |
| ORGA-LINE for TANDEMBOX plus – cross divider | 565 |
| CLIP top BLUMOTION 155° hinge | 104 |

| Recommendation | |
|---|---|
| Cabinet width (mm) | 275–1200 |



### Planning

**Help with planning and ordering**

Short-URL
www.blum.com/planningtools

### Page instructions

| | | | | | |
|---|---|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | | | | |
| Overview – ORGA-LINE for TANDEMBOX | 551 | | | Short-URL | |
| CLIP top BLUMOTION 155° hinge | 104 | | | www.blum.com/a360 | |
| Overview – BLUMOTION for doors | 185 | | | | |
| Accessories | 364 | | | | |
| Overview – assembly devices | 595 | | | | |

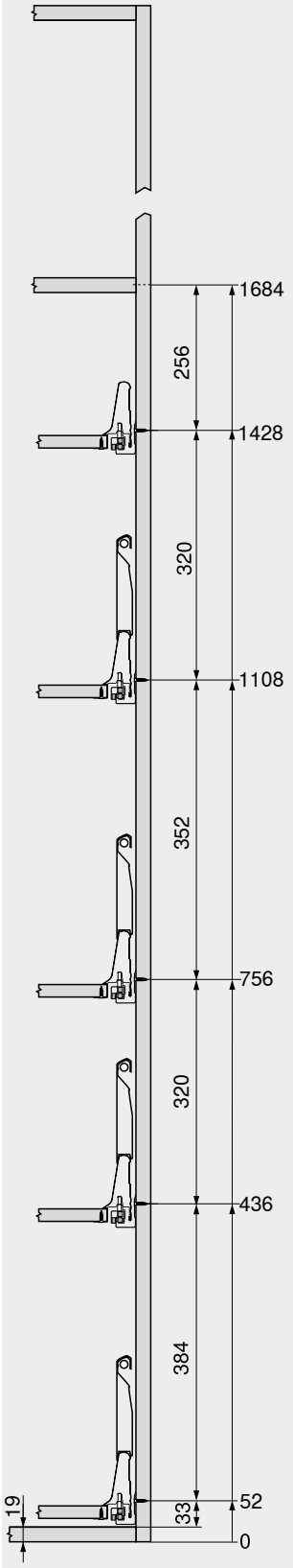
# SPACE TOWER

Webcode
DQGSBY

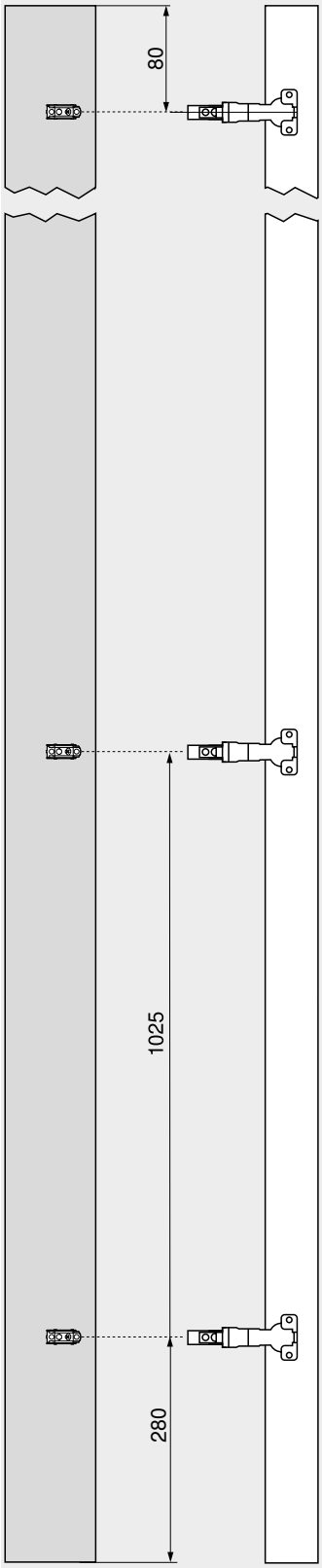
## Planning

### Recommendation

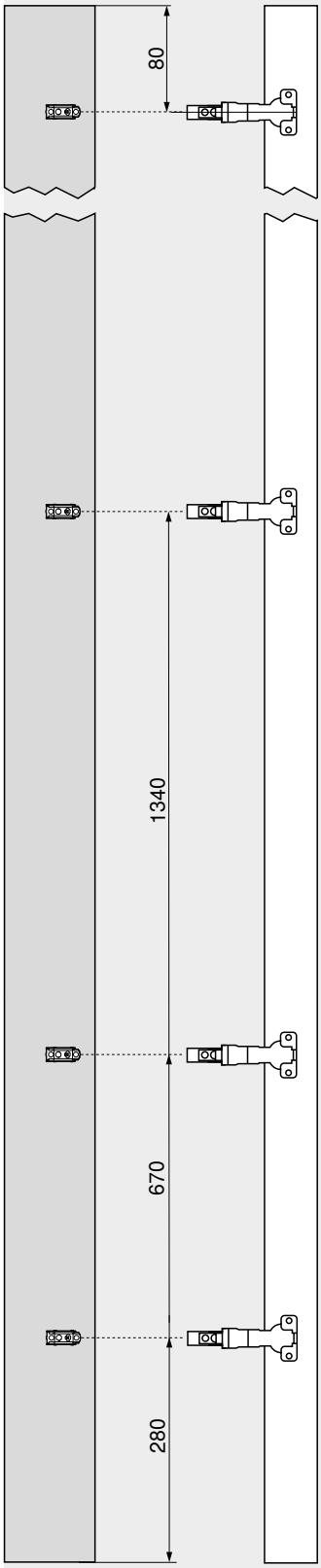
**Positioning in the cabinet**




**Drilling distances – front**




**Drilling distances – front**




In high cabinets, it is practical to have a shelf at the highest level rather than an inner drawer

The inner drawer allows access from the side. If the inner drawer is implemented with a higher back, stored goods are prevented from falling down the back

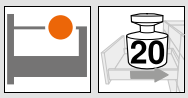
The option to position the pull-outs at different heights within the cabinet guarantees that no items will be too tall to be stored inside

The CLIP top BLUMOTION 155° hinge without front protrusion allows the cabinet width to be put to optimal use

If the hinge is mounted above the pull-out, the lowest pull-out can be inserted right at the bottom. Turning even those last few centimetres into usable storage space

**Page instructions**

Number of Hinges 694





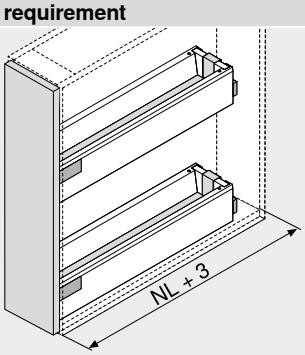

## Narrow cabinets

Webcode
DQGVUM



- Stable solution thanks to diagonally offset cabinet profiles
- Includes integrated **BLUMOTION** for silent and effortless closing action
- High dynamic carrying capacity of 20 kg per base cabinet
- Cabinet width KB 200 mm

### Space requirement




NL Nominal length

### Order information

@ | ☎ Check product availability

| Application recommendation | Page |
|---|---|
| Drawer – M | 350 |
| Drawer – K | 352 |
| High fronted pull-out – gallery – B | 354 |
| High fronted pull-out – gallery – D | 356 |
| Cabinet width KB (mm) | 200 |

### Page instructions

| | |
|---|---|
| Overview – TANDEMBOX plus | 345 |
| TIP-ON BLUMOTION for TANDEMBOX | 372 |
| Accessories | 364 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a360

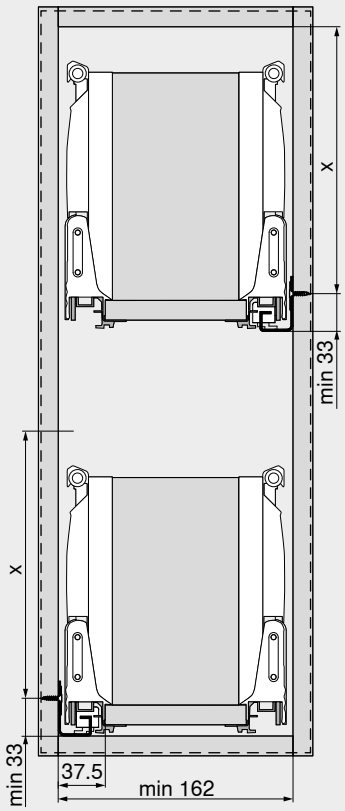



## Narrow cabinets

Webcode
DQGVUM

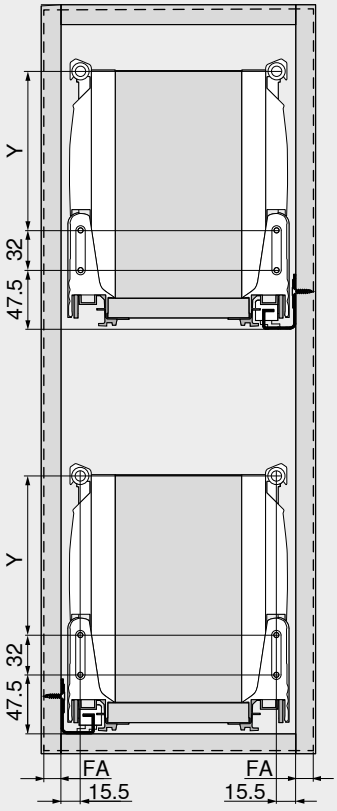
### Planning

#### Space requirement in cabinet




| Installation height | X (mm) |
|---|---|
| M | 63.5 |
| K | 95.5 |
| B | 127 |
| D | 191 |

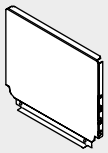
#### Installation dimensions – front




| Installation height | Height of drawer side | Side panel | Y (mm) |
|---|---|---|---|
| M | M | – | – |
| K | K | – | 32 |
| B | M | Gallery | 64 |
| D | M | Gallery | 128 |
| D | M | BOXSIDE | 128 |
| D | M | Double gallery | 64 + 64 |

FA Front overlay

## Steel back



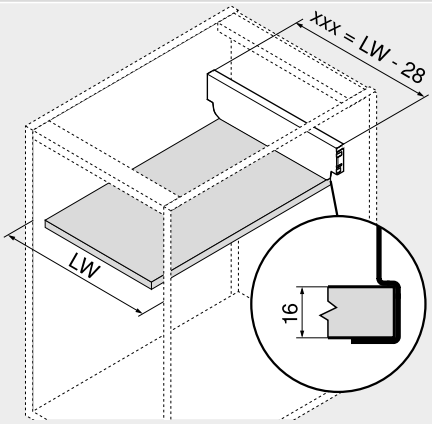
- For TANDEMBOX
- Material: steel
- Colour: white | RAL 9006 grey

**Order information**

| Back height | Part no. |
|---|---|
| N | Z30NxxxS.6 |
| M | Z30MxxxS.6 |
| K | Z30KxxxS.6 |
| B | Z30BxxxS.6 |
| C | Z30CxxxS.6 |
| D | Z30DxxxS.6 |

### Planning

#### Calculation of width

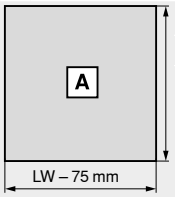



**xxx = LW – 28**

**Example**
Back wall height M
LW = 567 mm
**539 mm** = 567 – 28 mm
**Order**
**Z30M539S.6**

| | |
|---|---|
| xxx | Back width |
| LW | Internal cabinet width |

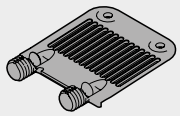
#### Cutting – 16 mm chipboard




**Base**
NL – 22 mm

| | |
|---|---|
| NL | Nominal length |
| LW | Internal cabinet width |

## Front/base stabiliser



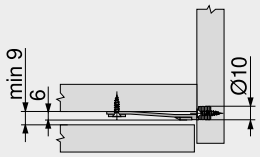
- For stabilising wide and high fronts
- Reinforces the connection between the drawer side and the front

**Order information**

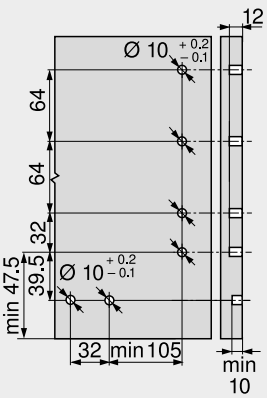
| Fixing method | Colour | Part no. |
|---|---|---|
| EXPANDO | RAL 7037 dust grey | Z96.10E1 |

### Planning

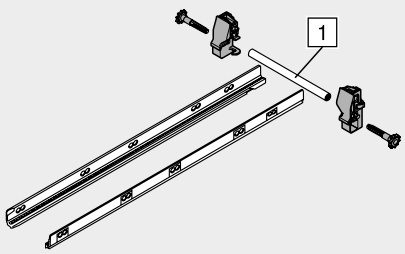
#### Space requirement in cabinet




#### Drilling distances – front



## Side stabilisation – top mounted




- Additional stabilisation for extra wide high fronted pull-outs
- Recommendation: cabinet width KB 900–1200 mm
- Aluminium rod suitable for KB up to 1200 mm, for cutting to size
- Suitable for use with SERVO-DRIVE

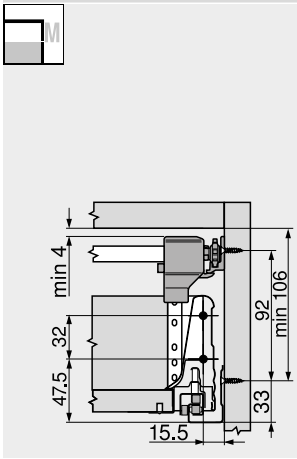
### Order information

| Nominal length NL (mm) | Part no. |
|---|---|
| 450 | ZST.450BA |
| 500 | ZST.500BA |
| 550 | ZST.550BA |
| 600 | ZST.600BA |
| 650 | ZST.650BA |

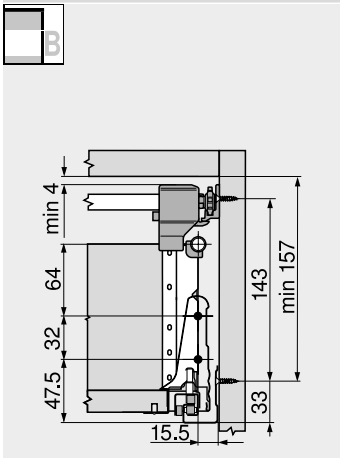
**Cutting**
1 Internal cabinet width LW – 86 mm

### Planning

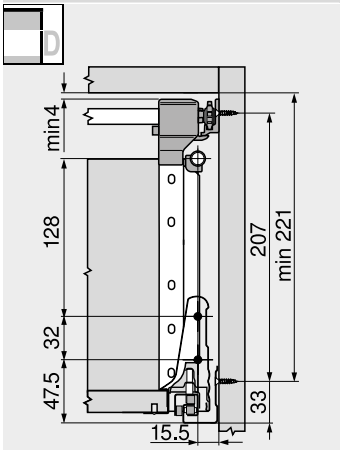
**Space requirement in cabinet**




**Space requirement in cabinet**

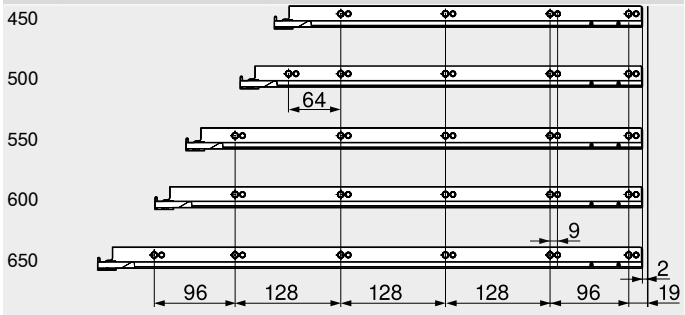



**Space requirement in cabinet**




### Screw position – side stabilisation

**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

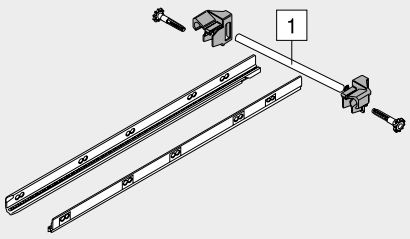
### Page instructions


| | |
|---|---|
| Overview – TANDEMBOX plus | 345 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a360

## Side stabilisation – installed at the back




- Additional stabilisation for extra wide high fronted pull-outs
- Recommendation: cabinet width KB 900–1200 mm
- Aluminium rod suitable for KB up to 1200 mm, for cutting to size
- Only possible in combination with a round gallery

### Order information

| Nominal length NL (mm) | Part no. |
|---|---|
| 450 | ZST.450BB |
| 500 | ZST.500BB |
| 550 | ZST.550BB |
| 600 | ZST.600BB |
| 650 | ZST.650BB |

Cutting
1 Internal cabinet width LW – 86 mm

### Planning

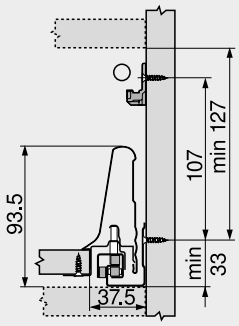
**Space requirement in cabinet**

M

Drawer not possible

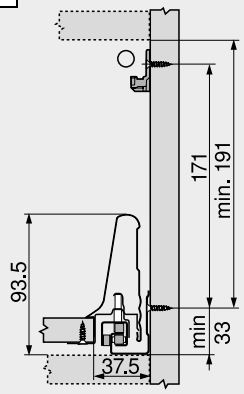
**Space requirement in cabinet**

B



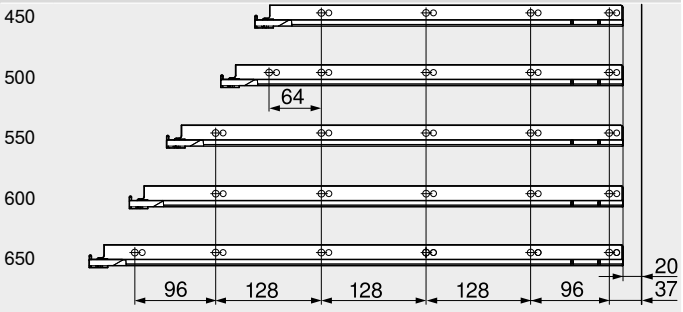

**Space requirement in cabinet**

D




### Screw position – side stabilisation

**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 13 mm

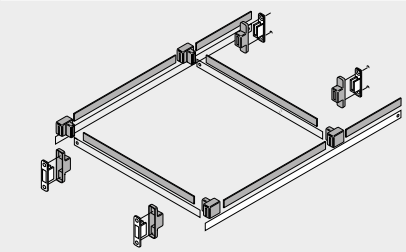
### Page instructions


| | |
|---|---|
| Overview – TANDEMBOX plus | 345 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

Assembly, removal and adjustment

Short-URL
www.blum.com/a360

## METAFILE – file drawer



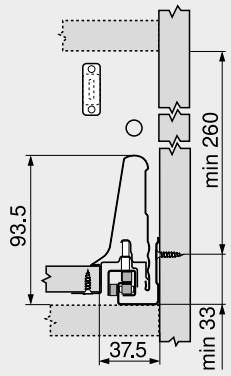
- For tilt adjustment, high fronted pull-out, height B with gallery
- Nominal length NL 350–550 mm
- Cabinet width KB 300–600 mm
- Material: nylon/steel
- Colour: RAL 7037 dust grey

**Order information**

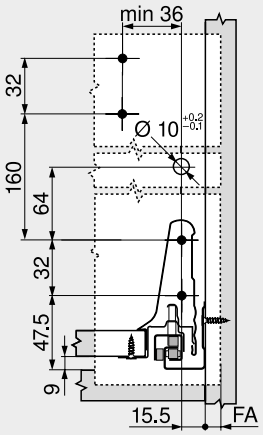
| Description | Part no. |
|---|---|
| METAFILE | ZRM.5500 |

### Planning

#### Space requirement in cabinet

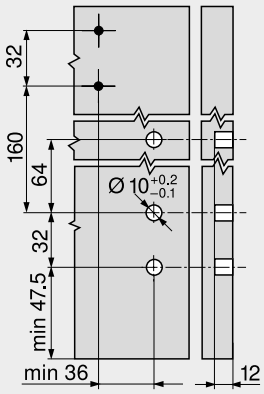



#### Installation dimensions – front – screw-on

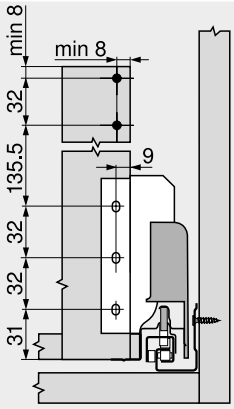



FA Front overlay

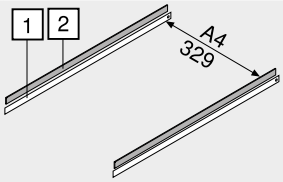
#### Drilling distances – front




#### Installation dimensions – back



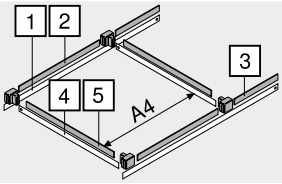

### Cutting – DIN-A4 across




| Internal cabinet width LW min. | 432 mm |
|---|---|

1 Nominal length NL – 35 mm
2 Nominal length NL – 61 mm

### Cutting – DIN-A4 lengthwise



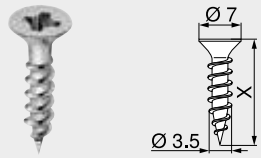

| Nominal length NL min. | 450 mm |
|---|---|

1 Nominal length NL – 35 mm
2 305 mm
3 Nominal length NL – 414 mm
4 Internal cabinet width LW – 115 mm
5 Internal cabinet width LW – 138 mm

**Page instructions**


| | | | |
|---|---|---|---|
| Overview – TANDEMBOX plus | 345 | More technical details | 686 |
| High fronted pull-out – gallery – B | 354 | | |
| Overview – assembly devices | 595 | | |

## Chipboard screws — Ø 3.5 mm

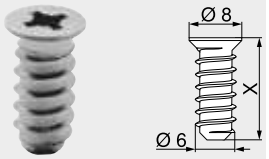



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

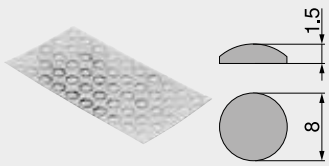


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver

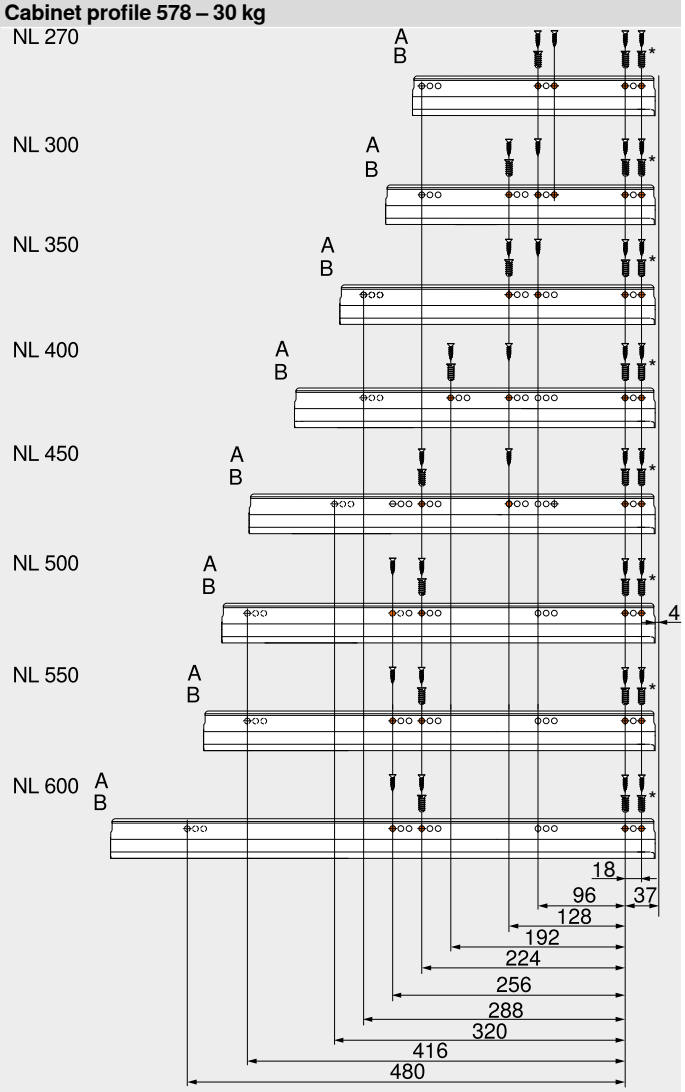


- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

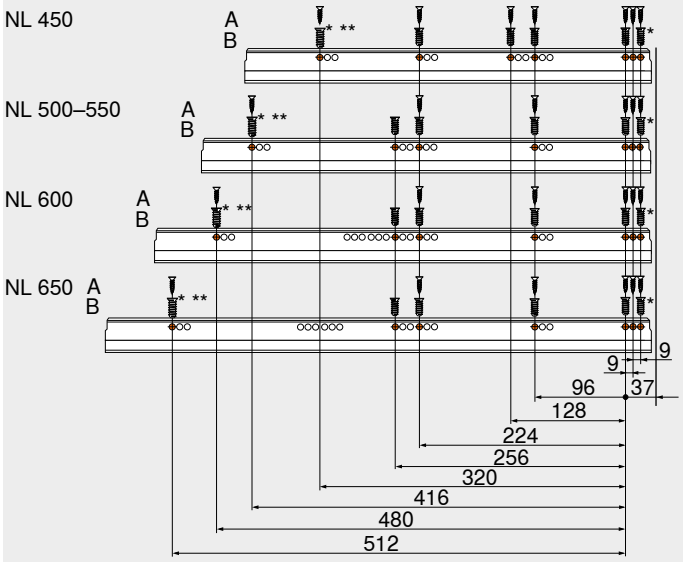
| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## Cabinet profile 578 – 30 kg

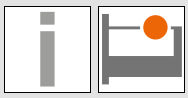



| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | For increased stability |
| | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet profile 576 – 65 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |
| ** | For increased stability |



## Two functions – fascinatingly combined




TIP-ON BLUMOTION for TANDEMBOX combines the advantages of the TIP-ON mechanical opening support system with the reliable BLUMOTION dampening for silent and effortless closing – 100% mechanically.

TIP-ON BLUMOTION's extensive trigger range provides inspirational ease of use for handle-less pull-outs and drawers. An optional synchronisation can be used to extend the trigger range even further.





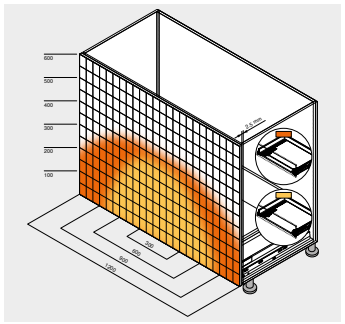
Opens with just a light touch, has a smooth running action and closes silently and effortlessly – experience completely harmonious and convenient motion with TIP-ON BLUMOTION technology



The motion is assisted 100% mechanically



**Small front gap**
TIP-ON BLUMOTION can be adjusted to have a small front gap of 2.5 mm



**Extensive trigger range**
An optional synchronisation can be used to extend the trigger range even further



**Four-dimensional adjustment**
The four-dimensional adjustment ensures a precise gap layout. Depth adjustment is integrated and tool-free – simply turn the adjustment wheel



**Simple, tool-free assembly**
The TIP-ON BLUMOTION unit can be assembled tool-free, as can all the other components




## TIP-ON BLUMOTION




- The TIP-ON mechanical opening support system combined with soft-close BLUMOTION
- Gap 2.5 mm
- Four-dimensional front adjustment
- Extensive trigger range
- Synchronised feather-light glide
- Synchronisation for internal cabinet widths LW of 238 mm and wider

### Order information

**1 Cabinet profiles left/right**



**TIP-ON BLUMOTION**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 65 |
|---|---|---|
| 270 | 578.2701M | |
| 300 | 578.3001M | |
| 350 | 578.3501M | |
| 400 | 578.4001M | |
| 450 | 578.4501M | 576.4501M |
| 500 | 578.5001M | 576.5001M |
| 550 | 578.5501M | 576.5501M |
| 600 | 578.6001M | 576.6001M |
| 650 | | 576.6501M |

**6 TIP-ON BLUMOTION set**



| Nominal length NL (mm) | Unit | Cabinet profile (kg) | Weight (kg) [1] | Part no. |
|---|---|---|---|---|
| 270–300 | S0 | 30 | ≤ 10 | T60B3030 |
| 270–300 | S1 | 30 | > 10–20 | T60B3130 |
| 350–600 | L1 | 30 | ≤ 20 [2] | T60B3330 |
| 350–600 | L3 | 30 | 15–40 | T60B3530 |
| 450–650 | L5 | 65 | 35–65 | T60B3560 |

**Composed of:**
- **6a** 1 x TIP-ON BLUMOTION unit left/right
- **6b** 1 x TIP-ON BLUMOTION latch left/right
- **6e** 2 x TIP-ON BLUMOTION synchronisation adapter

[1] Recommended weight ranges (total weight of the pull-out) for an optimum opening and closing function
[2] Can only be combined with a 30 kg cabinet profile

**Internal cabinet width LW ≥ 287 mm**

**6f TIP-ON BLUMOTION synchronisation linkage**



| Version | Material | Part no. |
|---|---|---|
| Round | Nylon | T60.1125W |

In combination with 6e 2 x T60.000D

**Cutting** Internal cabinet width LW – 240 mm

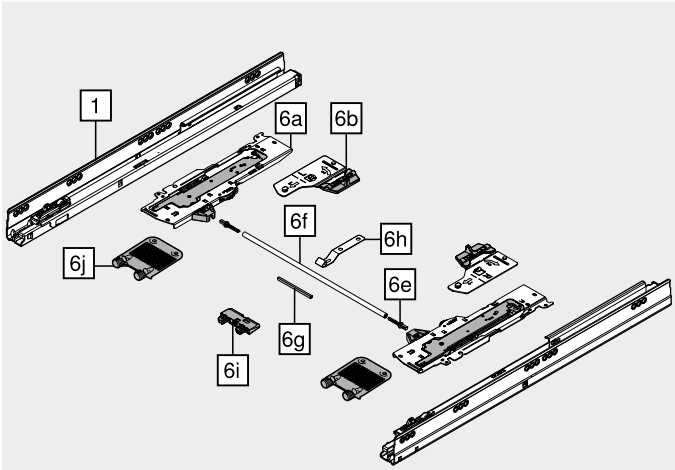
**Internal cabinet width LW 238–286 mm**

**6g TIP-ON BLUMOTION synchronisation**



| Version | Colour | Part no. |
|---|---|---|
| Square | RAL 7035 light grey | T60.300D |

**Cutting** Internal cabinet width LW – 214 mm




### a Accessories

**6e TIP-ON BLUMOTION synchronisation adapter**



| Version | Colour | Part no. |
|---|---|---|
| Symmetrical | RAL 7035 light grey | T60.000D |

Internal cabinet width LW ≥ 287 mm

**6h TIP-ON BLUMOTION synchronisation linkage fixing**



| Cabinet width KB (mm) | Material | Part no. |
|---|---|---|
| ≥ 750 | Steel | T60B000H |

For pull-outs over a cabinet bottom or cross member
Prevents the TIP-ON BLUMOTION synchronisation linkage from sagging

**6i Base support bracket**



| Cabinet width KB (mm) | Material | Part no. |
|---|---|---|
| ≥ 750 | Nylon | Z96.2011 |

For pull-outs over a cabinet bottom or cross member
For supporting the pull-out base

**6j Front/base stabiliser**



| Material | Colour | | Part no. |
|---|---|---|---|
| Nylon | R7037 | 2 x | Z96.10E1 |

**– TIP-ON BLUMOTION checking/setting template**



| Front gap FS (mm) | Colour | Part no. |
|---|---|---|
| 2.5 | Orange | 65.5627 |

### Page instructions

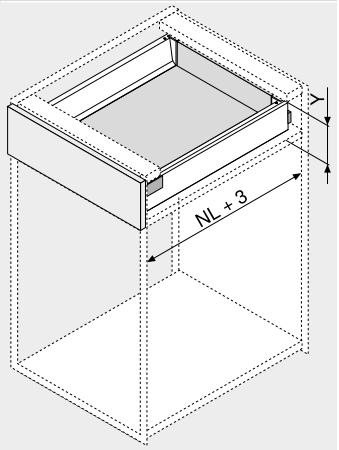

| | | | | |
|---|---|---|---|---|
| TIP-ON BLUMOTION for TANDEMBOX | 372 | Planning | 374 | Assembly, removal and adjustment |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | |
| Overview – TANDEMBOX plus | 345 | | | Short-URL |
| Accessories | 376 | | | www.blum.com/a370 |

# TIP-ON BLUMOTION

## Planning

### Space requirement in cabinet

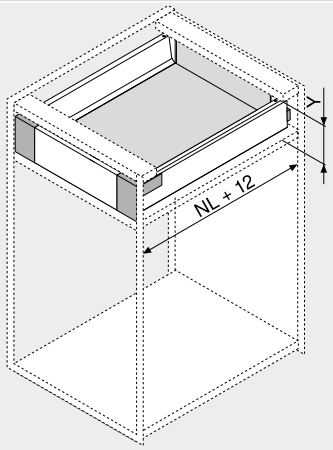
#### Drawer | high fronted pull-out




| Back height | Y (mm) |
|---|---|
| N | 85.5 |
| M | 101.5 |
| K | 133.5 |
| B | 161 |
| C | 195 |
| D | 227 |

NL Nominal length

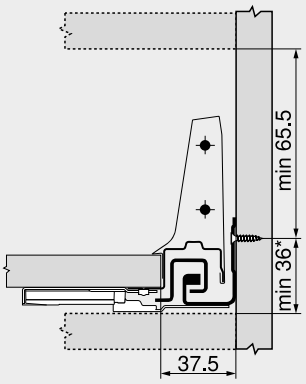
#### Inner drawer | inner pull-out




| Back height | Y (mm) |
|---|---|
| M | 109 |
| K | 139.5 |
| B | 161 |
| C | 195 |
| D | 227 |

NL Nominal length

#### Drawer | high fronted pull-out

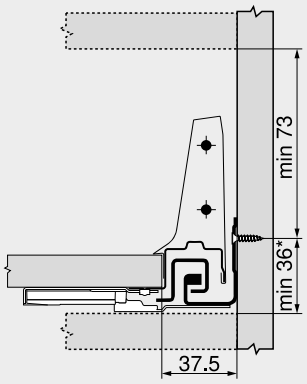



Height M

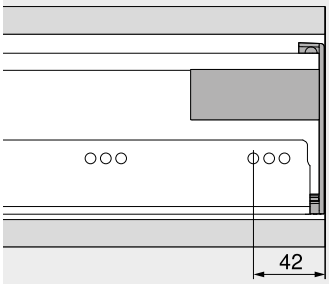
* At 36–39 mm and with a cabinet width (KB) of ≥ 750 mm, a TIP-ON BLUMOTION synchronisation fixing and a base support bracket are required so as to avoid the synchronisation linkage colliding with the cabinet bottom or the cross member

In these cases a trial is recommended

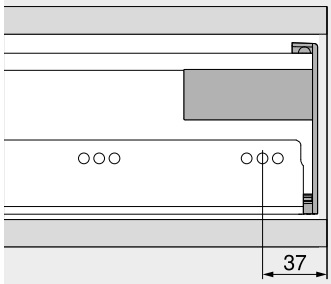
#### Inner drawer | inner pull-out




### Screw position – inner drawer | inner pull-out

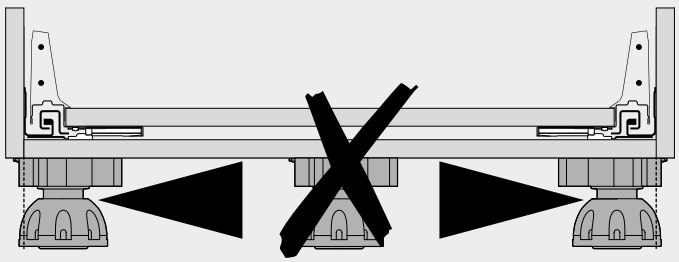



Variant 1

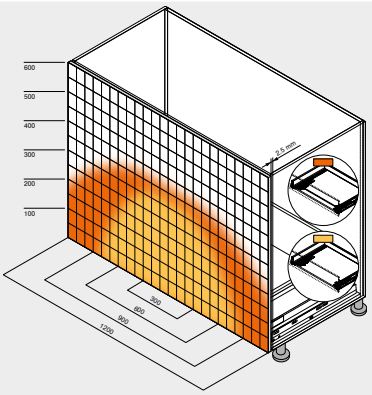



Variant 2

### Plinth leg



### Trigger range



**Trigger range**

With synchronisation

Without synchronisation

| Minimum front gap (mm) | 2.5 |
|---|---|

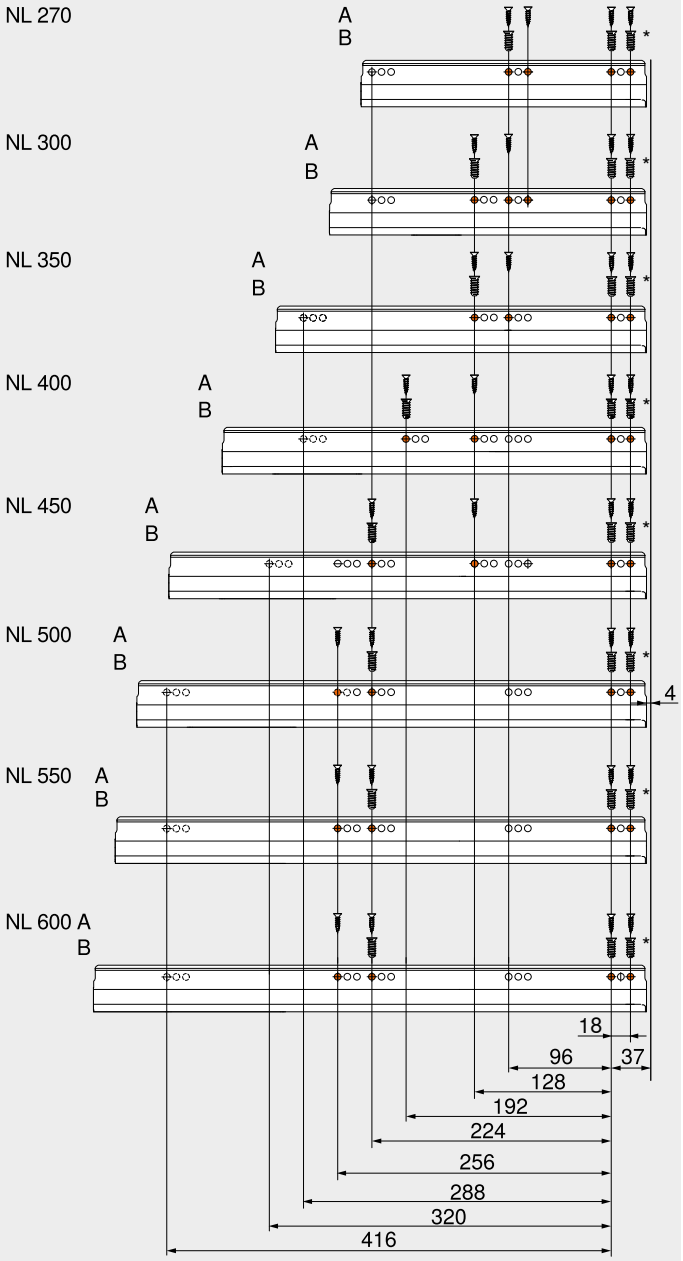
With front/base stabiliser

To optimise the functioning and trigger range, a synchronisation must be used

Example for 578 | 576, D height, nominal length NL 500 mm

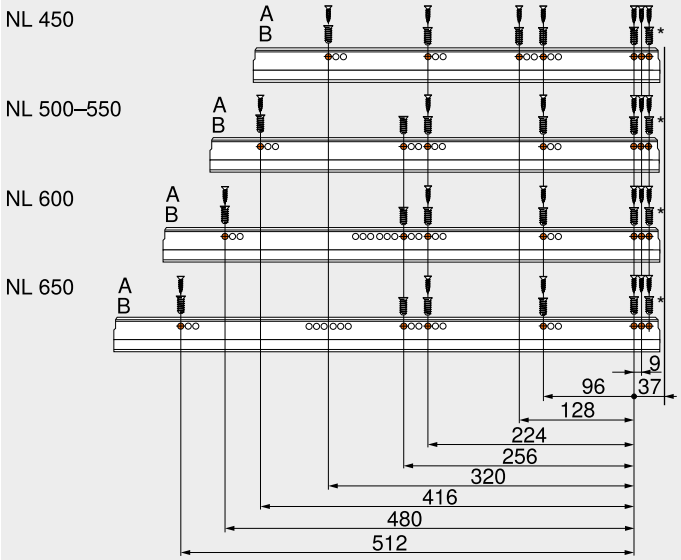


## Cabinet profile 578 – 30 kg



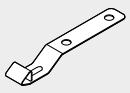

| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet profile 576 – 65 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## TIP-ON BLUMOTION synchronisation linkage fixing



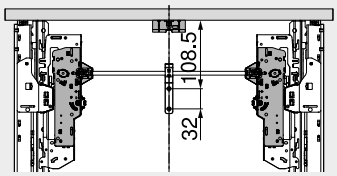
- Prevents the TIP-ON BLUMOTION synchronisation linkage from sagging
- For pull-outs over a cabinet bottom or cross member
- Required for cabinet widths (KB) of ≥ 750 mm
- Material: steel

**Order information**

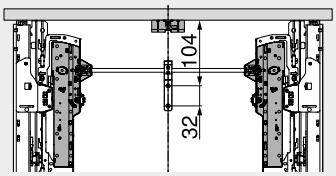
| Description | Part no. |
|---|---|
| TIP-ON BLUMOTION synchronisation linkage fixing | T60B000H |

### Planning

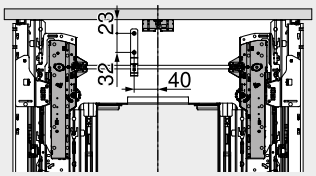
#### Drilling distances – drawer base




| Nominal length NL (mm) | TIP-ON BLUMOTION unit |
|---|---|
| 270–300 | S0 \| S1 |

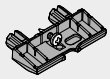



| Nominal length NL (mm) | TIP-ON BLUMOTION unit |
|---|---|
| 350–650 | L1 \| L3 \| L5 |




| Sink cabinet | |
|---|---|
| Nominal length NL (mm) | TIP-ON BLUMOTION unit |
| 350–650 | L1 \| L3 \| L5 |

## Base support bracket



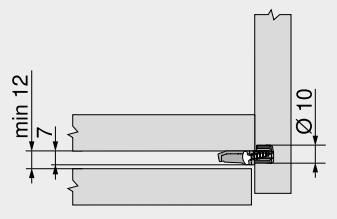
- For supporting the pull-out base
- For pull-outs over a cabinet bottom or cross member
- Required for cabinet widths (KB) of ≥ 750 mm
- Material: nylon

**Order information**

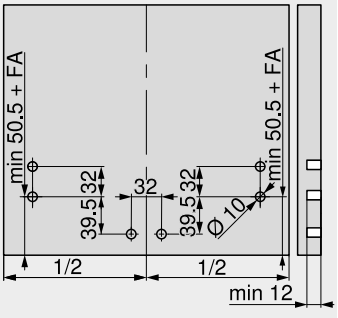
| Description | Part no. |
|---|---|
| Base support bracket | Z96.2011 |

### Planning

#### Space requirement in cabinet

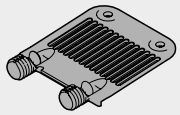



#### Drilling distances – front




FA Front overlay

## Front/base stabiliser



- Required for cabinet widths (KB) of ≥ 750 mm and front heights (FH) of ≥ 400 mm
- For stabilising wide and high fronts
- Reinforces the connection between the drawer side and the front

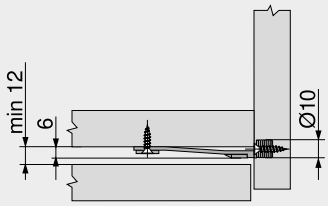
**Order information**

| Colour | Material | Part no. |
|---|---|---|
| RAL 7037 dust grey | Nylon | Z96.10E1 |

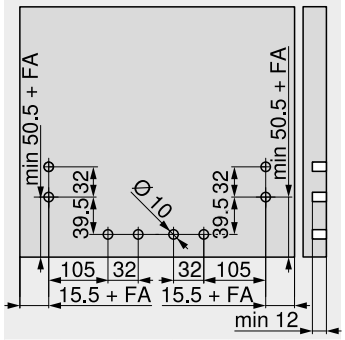
Order 2x

### Planning

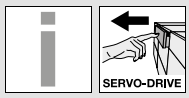
**Space requirement in cabinet**




**Drilling distances – front**




FA Front overlay




## More design freedom thanks to the electrical opening support system




Drawers and high fronted pull-outs open as if by themselves using an electrical drive with just a light touch on a handle-less front or a light pull of the handle. Regardless of where & how the front is touched, the pull-out will open allowing full freedom of movement in any living area.

Thanks to the addition of BLUMOTION for silent and effortless closing action, we have reached new levels of quality of motion, opening up new design possibilities.



With hand, foot, knee or hip: opening is that easy



Whether it's the base or wall cabinet – a single system moves handle-less pull-outs and lift systems as if by themselves. The individual cabling components are the same. One transformer is all that's required for power supply to the entire kitchen





**Application**

- No fixed connection to the drive system
- Can be used without having to change LEGRABOX | TANDEMBOX pull-outs



**Assembly | Processing**

- Tool-free assembly
- Simple cabling
- Separate drilling template

## Box systems


Symbolic image

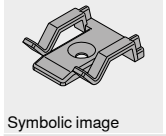

| | |
|---|---|
| Overview – box systems | 217 |
| ► LEGRABOX | 218 |
| ► TANDEMBOX intivo | 270 |
| ► TANDEMBOX antaro | 296 |
| ► TANDEMBOX plus | 344 |


## ►► Applications


Symbolic image


| | | | |
|---|---|---|---|
| Standard cabinet | 380 | Sink cabinet | 396 |
| SPACE TOWER | 386 | Cabinet with pull-out element – bracket profile horizontal | 400 |
| SERVO-DRIVE uno for bottom mount waste bin solutions – LEGRABOX \| TANDEMBOX | 392 | Cabinet with pull-out element – upper attachment bracket | 404 |
| SERVO-DRIVE uno for top mount waste bin solutions – TANDEMBOX | 394 | | |


## ►► Accessories


Symbolic image


| | |
|---|---|
| Cable holder | 408 |
| Front/base stabiliser | 408 |
| Synchronisation cable | 409 |
| COMBOX set | 409 |


## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a380**

### Pictograph

- Item Available Upon Request
- General Information
- Accessories
- SERVO-DRIVE
- Planning

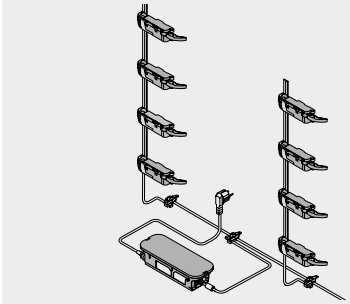





## Standard cabinet



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With vertical bracket profile
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Tool-free assembly
- Simple cabling
- Shallow installation depth



## Order information

**1 Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.
For LEGRABOX 70 kg runner, use 4 pcs.
For TANDEMBOX 65 kg runner, use 4 pcs.

**2 Bracket profile**



| Length (mm) | Material | Cable | Part no. |
|---|---|---|---|
| 650 | Aluminium | ● | Z10T650AA |
| 700 | Aluminium | ● | Z10T700AA |
| 710 | Aluminium | ● | Z10T710AA |
| 750 | Aluminium | ● | Z10T750AA |
| 800 | Aluminium | ● | Z10T800AA |
| 1170 | Aluminium | – | Z10T1170A |

For cutting to size
● With cable
– Without cable
a Cutting Internal cabinet height LH – 10 mm

**3a Bracket profile attachment top/bottom**
**Cross bar construction horizontal**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01E0.01 |

**Alternative to 3a**
**3b Bracket profile attachment lower/back**
**Cross bar construction vertical**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01EA.01 |

Incl. bracket profile cover cap

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**10 Lever cap**



| Box systems | Colour | Part no. |
|---|---|---|
| LEGRABOX | S | Z10A3006 |

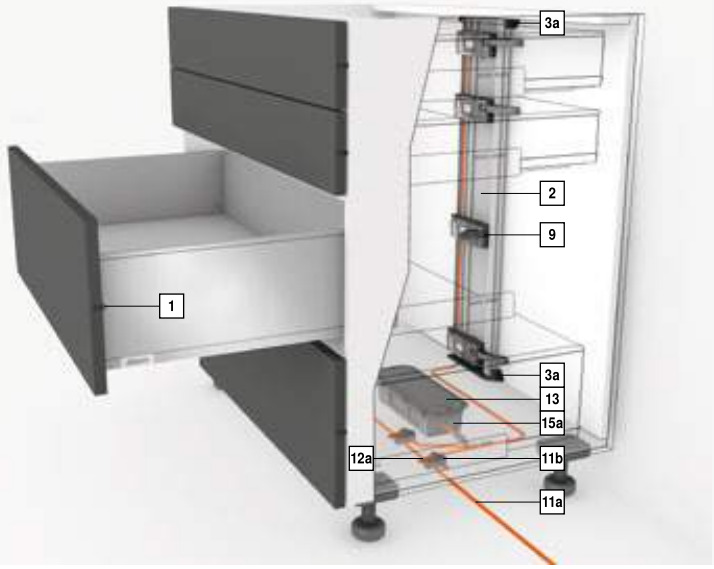
Steel back
Required from height M and internal cabinet widths (LW) of 267–286 mm

**10 Trigger guidance for chipboard back**



| Box systems | Colour | Part no. |
|---|---|---|
| TANDEMBOX | R7037 | Z10A3H00 |

Chipboard back
Required for internal cabinet widths (LW) of 242–316 mm






## Standard cabinet

### Order information

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

**– Front/base stabiliser**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z96.10E1 |

**– Synchronisation cable**



| Length (mm) | Part no. |
|---|---|
| 80 | Z10K008S |
| 500 | Z10K050S |
| 1200 | Z10K120S |
| 1600 | Z10K160S |

Connects two drive units that need to activate simultaneously

**– COMBOX set**



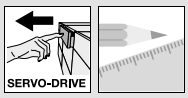
| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10ZC00A |

For preventing front collisions when using SERVO-DRIVE in corner situations
Suitable starting with drive unit Z10A3000.**02**
Includes all assembly and cabling components

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | WGR | White grey |
| S | Black | W | White |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Planning – vertical cross member | 384 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | **Short-URL** | |
| Overview – TANDEMBOX plus | 345 | | | www.blum.com/a380 | |
| Planning – horizontal cross member | 382 | | | | |

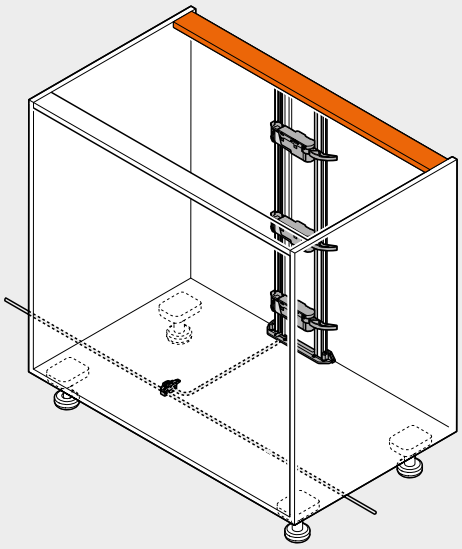




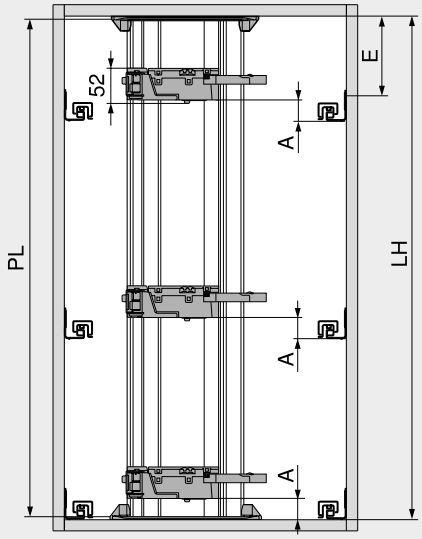

## Standard cabinet

### Planning – horizontal cross member

#### Cabinet



#### Position – drive unit




PL = LH – 10 mm
Round down to the nearest tenth

| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile |
| LH | Internal cabinet height |
| PL | Bracket profile length |

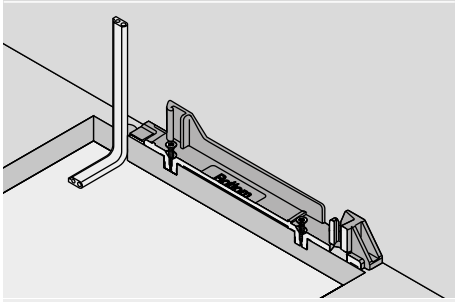
### Position – drive unit

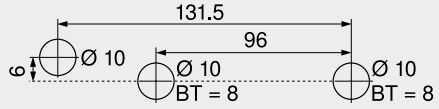
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | 267–286 | | 287–316 | | ≥ 317 | |
| | | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| LEGRABOX | Chipboard back | N | – | – | 45 | 61 | 45 | 61 | 45 | 61 |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| | Steel back | N | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| TANDEMBOX | Chipboard back | N | 35 | 56 | 35 | 56 | 35 | 56 | 28 | 49 |
| | | M \| K \| B \| C \| D | 35 | 64 | 35 | 64 | 35 | 64 | 35 | 64 |
| | Steel back | N | – | – | – | – | 28 | 49 | 28 | 49 |
| | | M \| K \| B \| C \| D | – | – | 35 | 64 | 35 | 64 | 35 | 64 |

| | | | |
|---|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – | Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile | | |

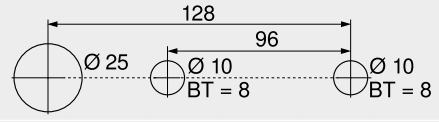
### Cabinet bottom – drilling pattern

#### Lower cabling



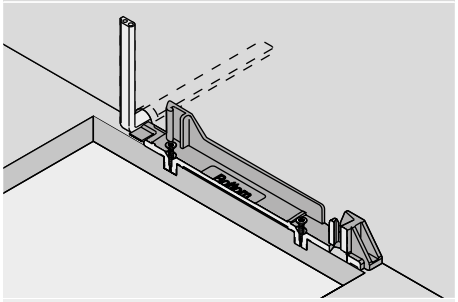


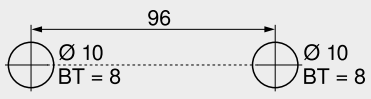

BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

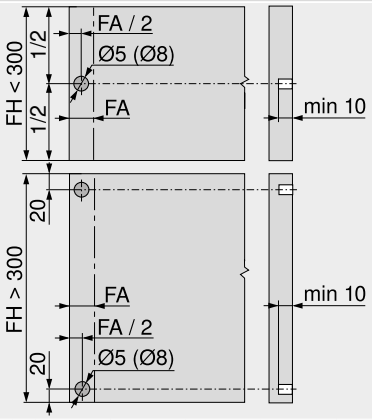
#### Back cabling





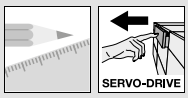

BT Drilling depth

### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm
When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
For optimal trigger function for front height FH > 300 mm, use front stabilisation

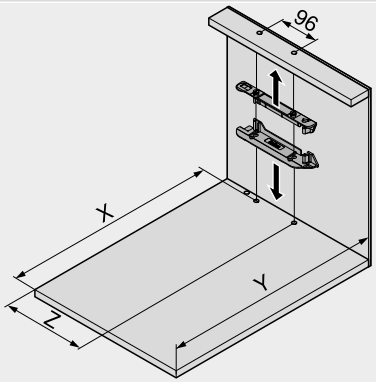
| | |
|---|---|
| FA | Front overlay |
| FH | Front height |




# Standard cabinet

## Planning – horizontal cross member

### Drilling distances – base | cross bar




| Back | X (mm) | Y (mm) |
|---|---|---|
| Chipboard back | NL + 19 | NL + 33 |
| Steel back | NL + 2 | NL + 16 |

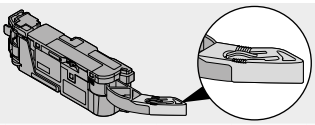
| | |
|---|---|
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |
| Z | Dimension of engagement |

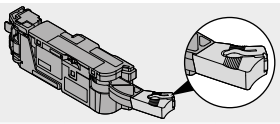
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

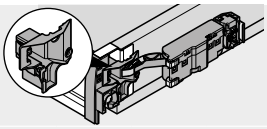
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | | 267–286 | | | | 287–316 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance | Lever cap | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | | M \| K \| C \| F | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | Steel back | N | – | – | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | – | 184 | ✖ | – | ● | 184 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ✖ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | | M \| K \| B \| C \| D | 179 | ✖ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | Steel back | N | – | – | – | – | – | – | – | 190 | ✖ | – |
| | | M \| K \| B \| C \| D | – | – | – | 179 | ✖ | – | – | 179 | ● | – |

| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 317–386 | | | ≥ 387 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | 184 | ● | – | LW / 2 | ● | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| | Steel back | N | – | – | – | – | – | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ● | ○ | LW / 2 | ● | ○ |
| | | M \| K \| B \| C \| D | 179 | ● | ○ | LW / 2 | ● | ○ |
| | Steel back | N | 190 | ● | – | LW / 2 | ● | – |
| | | M \| K \| B \| C \| D | 179 | ● | – | LW / 2 | ● | – |

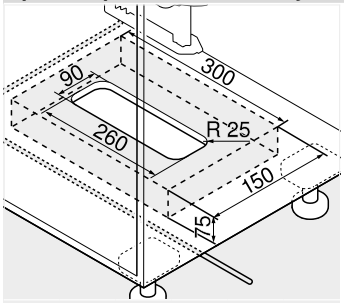
| | | | |
|---|---|---|---|
| LW | Internal cabinet width | ○ | Not required |
| Z | Dimension of engagement | – | Not possible |
| ● | Required | ✖ | Remove |


Lever extension

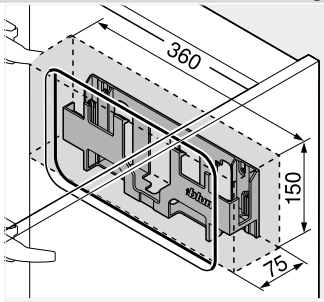

Lever cap


Trigger guidance

## Space requirement and safety distance – transformer unit housing



Base fixing



Panel fixing

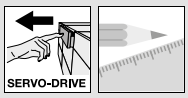
**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Order information | 380 | **Assembly, removal and adjustment** | |
| | | Planning – vertical cross member | 384 | | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | Short-URL | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | www.blum.com/a380 | |
| Overview – TANDEMBOX plus | 345 | | | | |

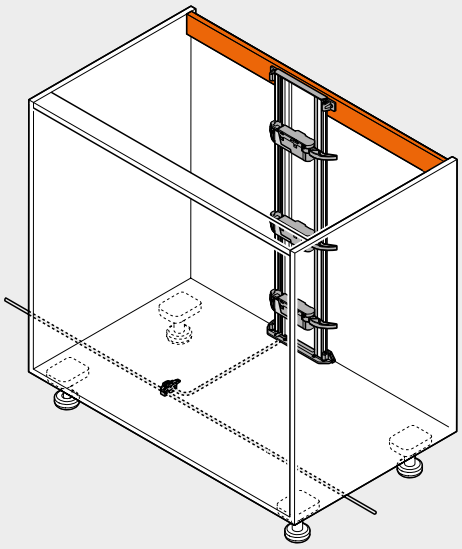




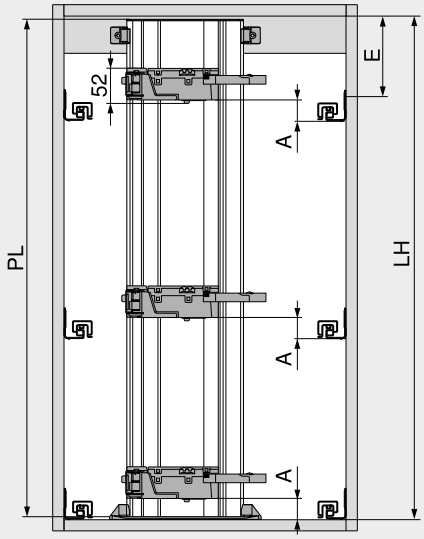

## Standard cabinet

### Planning – vertical cross member

#### Cabinet



#### Position – drive unit




PL = LH – 10 mm
Round down to the nearest tenth

| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile |
| LH | Internal cabinet height |
| PL | Bracket profile length |

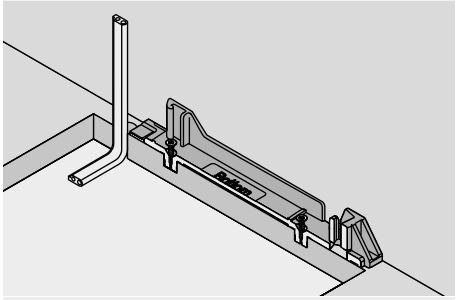
### Position – drive unit

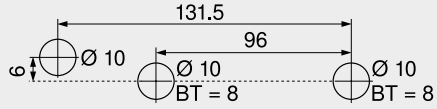
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | 267–286 | | 287–316 | | ≥ 317 | |
| | | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| LEGRABOX | Chipboard back | N | – | – | 45 | 61 | 45 | 61 | 45 | 61 |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| | Steel back | N | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| TANDEMBOX | Chipboard back | N | 35 | 56 | 35 | 56 | 35 | 56 | 28 | 49 |
| | | M \| K \| B \| C \| D | 35 | 64 | 35 | 64 | 35 | 64 | 35 | 64 |
| | Steel back | N | – | – | – | – | 28 | 49 | 28 | 49 |
| | | M \| K \| B \| C \| D | – | – | 35 | 64 | 35 | 64 | 35 | 64 |

| | | | |
|---|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – | Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile | | |

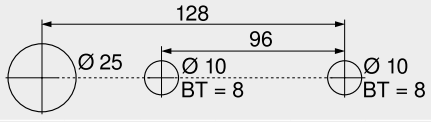
### Cabinet bottom – drilling pattern

#### Lower cabling



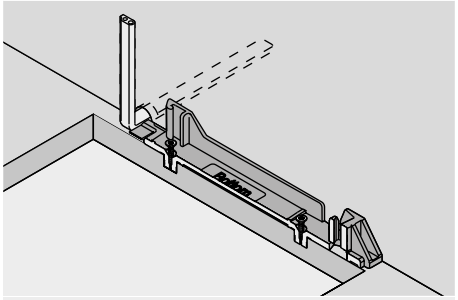


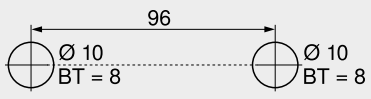

BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

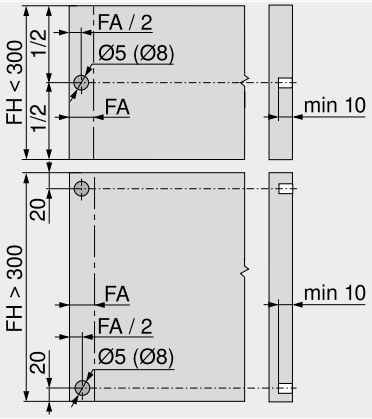
#### Back cabling





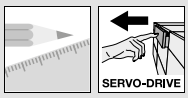

BT Drilling depth

### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm
When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
For optimal trigger function for front height FH > 300 mm, use front stabilisation

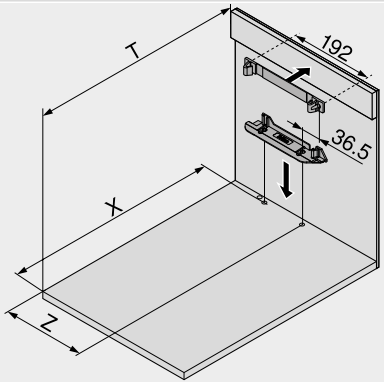
| | |
|---|---|
| FA | Front overlay |
| FH | Front height |




## Standard cabinet

### Planning – vertical cross member

### Drilling distances – base | cross bar




| Back | X (mm) | T (mm) |
|---|---|---|
| Chipboard back | NL + 19 | NL + 34 |
| Steel back | NL + 2 | NL + 17 |

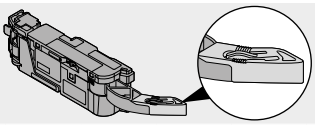
| | |
|---|---|
| NL | Nominal length |
| X | Drilling position |
| T | Position front edge/cross member |
| Z | Dimension of engagement |

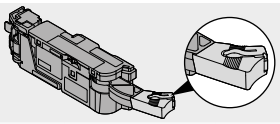
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

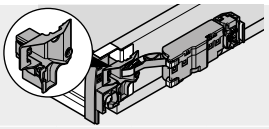
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | | 267–286 | | | | 287–316 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance | Lever cap | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | | M \| K \| C \| F | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | Steel back | N | – | – | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | – | 184 | ✕ | – | ● | 184 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ✕ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | | M \| K \| B \| C \| D | 179 | ✕ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | Steel back | N | – | – | – | – | – | – | – | 190 | ✕ | – |
| | | M \| K \| B \| C \| D | – | – | – | 179 | ✕ | – | – | 179 | ● | – |

| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 317–386 | | | ≥ 387 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | 184 | ● | – | LW / 2 | ● | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| | Steel back | N | – | – | – | – | – | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ● | ○ | LW / 2 | ● | ○ |
| | | M \| K \| B \| C \| D | 179 | ● | ○ | LW / 2 | ● | ○ |
| | Steel back | N | 190 | ● | – | LW / 2 | ● | – |
| | | M \| K \| B \| C \| D | 179 | ● | – | LW / 2 | ● | – |

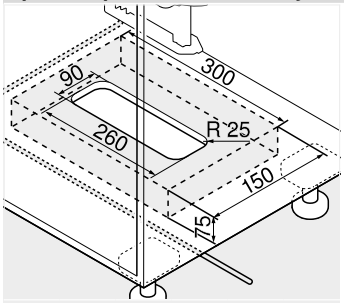
| | | | |
|---|---|---|---|
| LW | Internal cabinet width | ○ | Not required |
| Z | Dimension of engagement | – | Not possible |
| ● | Required | ✕ | Remove |


Lever extension

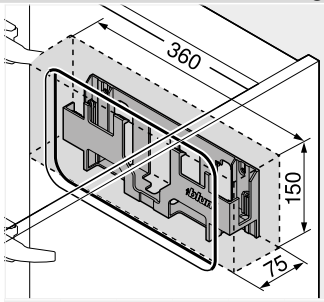

Lever cap


Trigger guidance

### Space requirement and safety distance – transformer unit housing



Base fixing



Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

### Page instructions

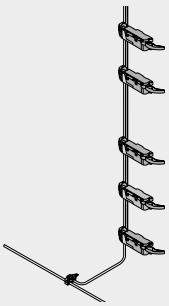

| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Order information | 380 | **Assembly, removal and adjustment** | |
| | | Planning – horizontal cross member | 382 | | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | Short-URL | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | www.blum.com/a380 | |
| Overview – TANDEMBOX plus | 345 | | | | |




## SPACE TOWER



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With vertical bracket profile
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Tool-free assembly
- Simple cabling
- Shallow installation depth



### Order information

**2 Bracket profile**

| Length (mm) | Material | Cable | Part no. |
|---|---|---|---|
| 650 | Aluminium | ● | Z10T650AA |
| 700 | Aluminium | ● | Z10T700AA |
| 710 | Aluminium | ● | Z10T710AA |
| 750 | Aluminium | ● | Z10T750AA |
| 800 | Aluminium | ● | Z10T800AA |
| 1170 | Aluminium | – | Z10T1170A |

For cutting to size
● With cable
– Without cable
a Cutting Internal cabinet height LH – 10 mm

**3a Bracket profile attachment top/bottom**
**Cross bar construction horizontal**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01E0.01 |

**Alternative to 3a**

**3b Bracket profile attachment lower/back**
**Cross bar construction vertical**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01EA.01 |

Incl. bracket profile cover cap

**9 Drive unit**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**10 Lever cap**

| Box systems | Colour | Part no. |
|---|---|---|
| LEGRABOX | S | Z10A3006 |

Steel back
Required from height M and internal cabinet widths (LW) of 267–286 mm

**10 Trigger guidance for chipboard back**

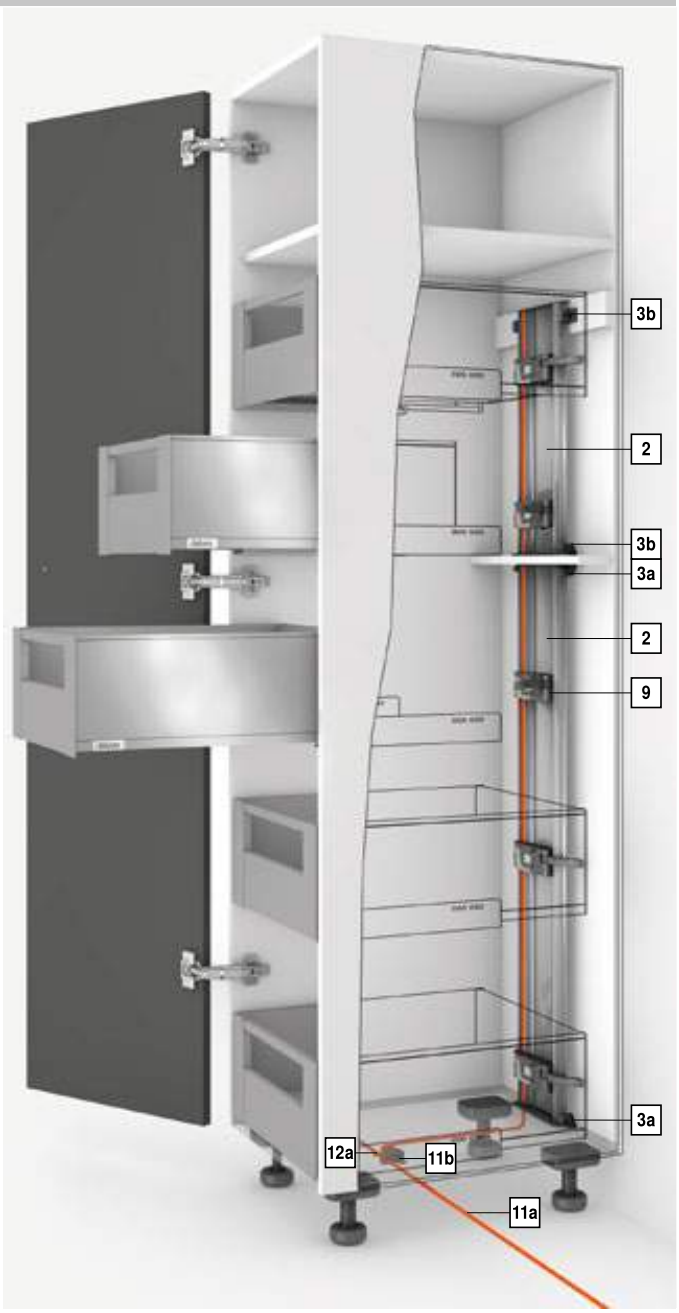
| Box systems | Colour | Part no. |
|---|---|---|
| TANDEMBOX | R7037 | Z10A3H00 |

Chipboard back
Required for internal cabinet widths (LW) of 242–316 mm

**11 Distribution cable and cable end protector**

| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size






# SPACE TOWER

## Order information

**12** Connecting node and cable end protector



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13** Blum transformer 24 W



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639

**14** Flex



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a** Transformer unit housing

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b** Transformer unit housing

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

## a Accessories

**–** Cable holder



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

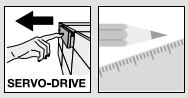
For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | WGR | White grey |
| S | Black | W | White |



## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Planning – bracket profile bottom | 390 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | **Short-URL** | |
| Overview – TANDEMBOX plus | 345 | | | www.blum.com/a380 | |
| Planning – bracket profile top | 388 | | | | |

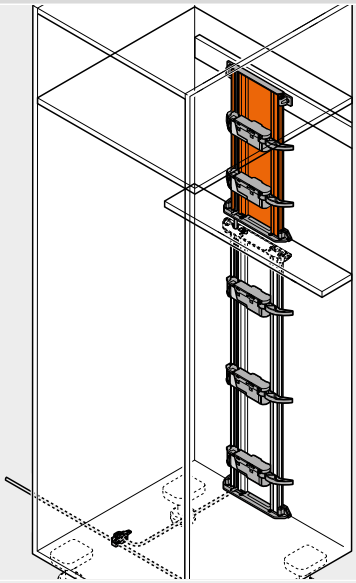




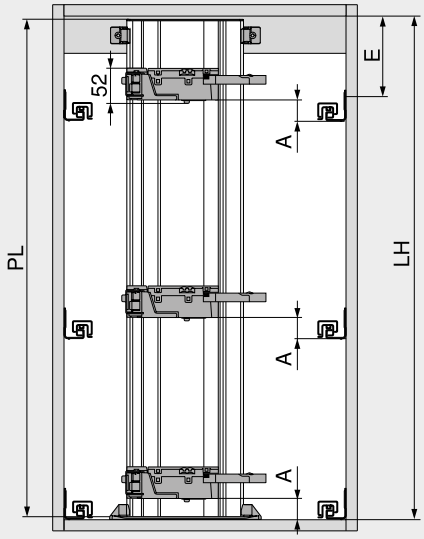

## SPACE TOWER

### Planning – bracket profile top

#### Cabinet



#### Position – drive unit




PL = LH – 10 mm
Round down to the nearest tenth

| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile |
| LH | Internal cabinet height |
| PL | Bracket profile length |

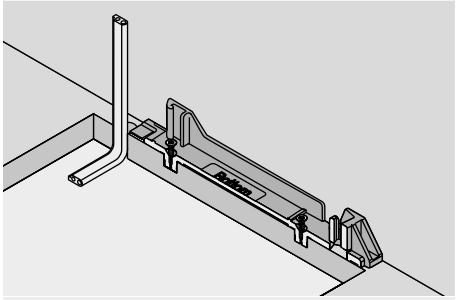
### Position – drive unit

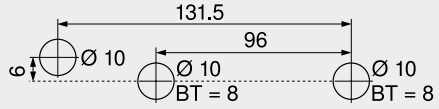
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | 267–286 | | 287–316 | | ≥ 317 | |
| | | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| LEGRABOX | Chipboard back | N | – | – | 45 | 61 | 45 | 61 | 45 | 61 |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| | Steel back | N | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| TANDEMBOX | Chipboard back | N | 35 | 56 | 35 | 56 | 35 | 56 | 28 | 49 |
| | | M \| K \| B \| C \| D | 35 | 64 | 35 | 64 | 35 | 64 | 35 | 64 |
| | Steel back | N | – | – | – | – | 28 | 49 | 28 | 49 |
| | | M \| K \| B \| C \| D | – | – | 35 | 64 | 35 | 64 | 35 | 64 |

| | | | |
|---|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – | Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile | | |

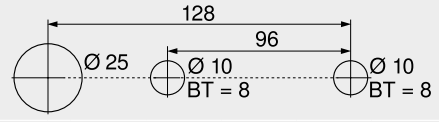
### Cabinet bottom – drilling pattern

#### Lower cabling



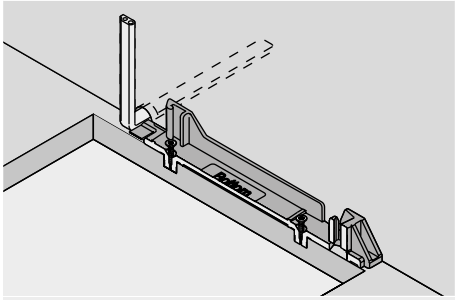


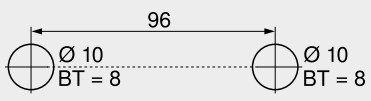

BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

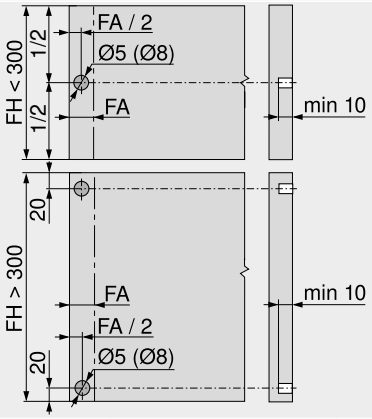
#### Back cabling





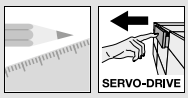

BT Drilling depth

### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm
When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
For optimal trigger function for front height FH > 300 mm, use front stabilisation

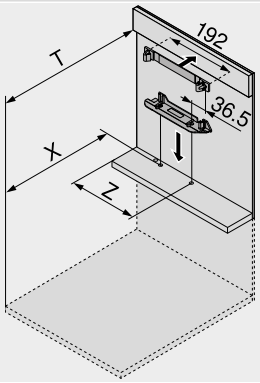
| | |
|---|---|
| FA | Front overlay |
| FH | Front height |




# SPACE TOWER

## Planning – bracket profile top

### Drilling distances – base | cross bar




| Back | X (mm) | T (mm) |
|---|---|---|
| Chipboard back | NL + 19 | NL + 34 |
| Steel back | NL + 2 | NL + 17 |

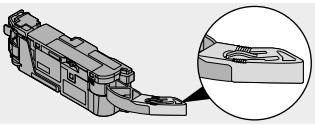
| | |
|---|---|
| NL | Nominal length |
| X | Drilling position |
| T | Position front edge/cross member |
| Z | Dimension of engagement |

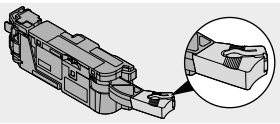
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

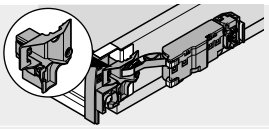
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | | 267–286 | | | | 287–316 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance | Lever cap | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | | M \| K \| C \| F | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | Steel back | N | – | – | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | – | 184 | ✖ | – | ● | 184 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ✖ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | | M \| K \| B \| C \| D | 179 | ✖ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | Steel back | N | – | – | – | – | – | – | – | 190 | ✖ | – |
| | | M \| K \| B \| C \| D | – | – | – | 179 | ✖ | – | – | 179 | ● | – |

| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 317–386 | | | ≥ 387 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | 184 | ● | – | LW / 2 | ● | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| | Steel back | N | – | – | – | – | – | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ● | ○ | LW / 2 | ● | ○ |
| | | M \| K \| B \| C \| D | 179 | ● | ○ | LW / 2 | ● | ○ |
| | Steel back | N | 190 | ● | – | LW / 2 | ● | – |
| | | M \| K \| B \| C \| D | 179 | ● | – | LW / 2 | ● | – |

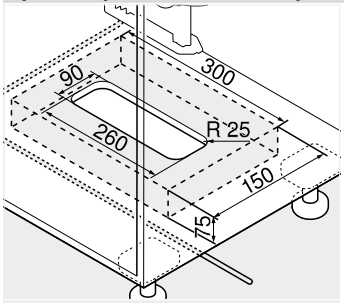
| | | | |
|---|---|---|---|
| LW | Internal cabinet width | ○ | Not required |
| Z | Dimension of engagement | – | Not possible |
| ● | Required | ✖ | Remove |


Lever extension

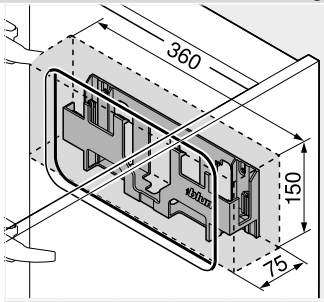

Lever cap


Trigger guidance

### Space requirement and safety distance – transformer unit housing



Base fixing



Panel fixing

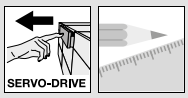
**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Order information | 386 | **Assembly, removal and adjustment** | |
| | | Planning – bracket profile bottom | 390 | | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | Short-URL | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | www.blum.com/a380 | |
| Overview – TANDEMBOX plus | 345 | | | | |

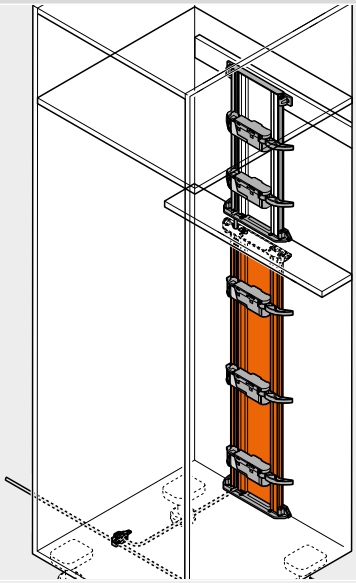




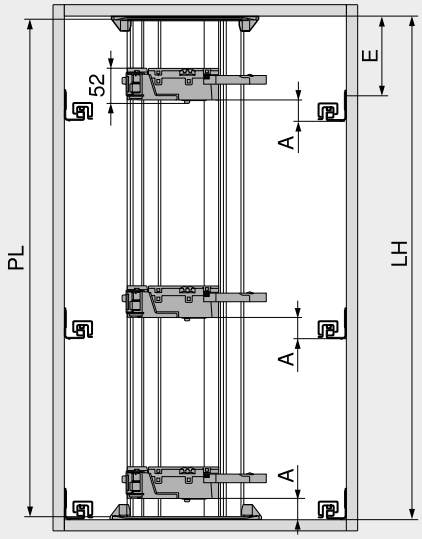

# SPACE TOWER

## Planning – bracket profile bottom

### Cabinet



### Position – drive unit




PL = LH – 10 mm
Round down to the nearest tenth

| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile |
| LH | Internal cabinet height |
| PL | Bracket profile length |

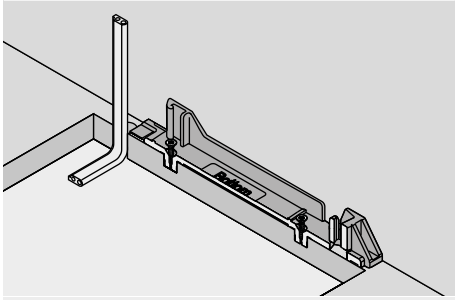
### Position – drive unit

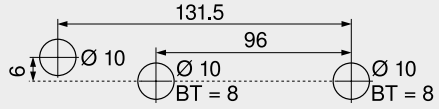
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | 267–286 | | 287–316 | | ≥ 317 | |
| | | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| LEGRABOX | Chipboard back | N | – | – | 45 | 61 | 45 | 61 | 45 | 61 |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| | Steel back | N | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | 45 | 69 | 45 | 69 | 45 | 69 |
| TANDEMBOX | Chipboard back | N | 35 | 56 | 35 | 56 | 35 | 56 | 28 | 49 |
| | | M \| K \| B \| C \| D | 35 | 64 | 35 | 64 | 35 | 64 | 35 | 64 |
| | Steel back | N | – | – | – | – | 28 | 49 | 28 | 49 |
| | | M \| K \| B \| C \| D | – | – | 35 | 64 | 35 | 64 | 35 | 64 |

| | | | |
|---|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – | Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile | | |

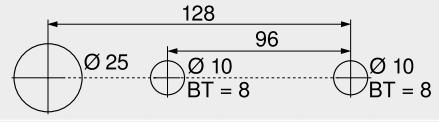
## Cabinet bottom – drilling pattern

### Lower cabling



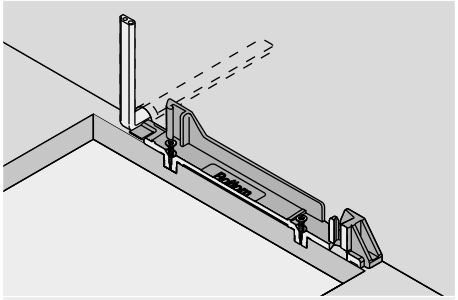


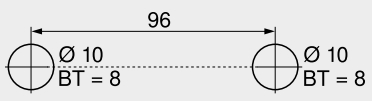

BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

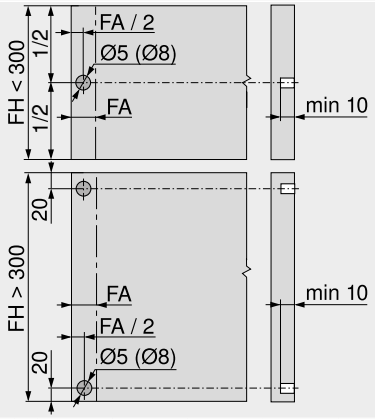
### Back cabling





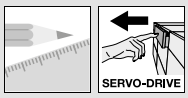

BT Drilling depth

## Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm
When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
For optimal trigger function for front height FH > 300 mm, use front stabilisation

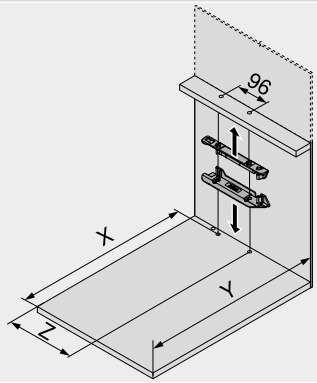
| | |
|---|---|
| FA | Front overlay |
| FH | Front height |




# SPACE TOWER

## Planning – bracket profile bottom

### Drilling distances – base | cross bar




| Back | X (mm) | Y (mm) |
|---|---|---|
| Chipboard back | NL + 19 | NL + 33 |
| Steel back | NL + 2 | NL + 16 |

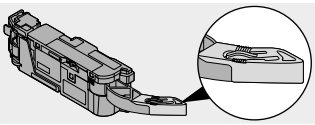
| | |
|---|---|
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |
| Z | Dimension of engagement |

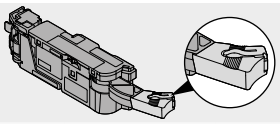
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

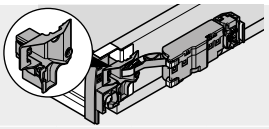
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | | 267–286 | | | | 287–316 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance | Lever cap | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | | M \| K \| C \| F | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | Steel back | N | – | – | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | – | 184 | ✕ | – | ● | 184 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ✕ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | | M \| K \| B \| C \| D | 179 | ✕ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | Steel back | N | – | – | – | – | – | – | – | 190 | ✕ | – |
| | | M \| K \| B \| C \| D | – | – | – | 179 | ✕ | – | – | 179 | ● | – |

| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 317–386 | | | ≥ 387 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | 184 | ● | – | LW / 2 | ● | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| | Steel back | N | – | – | – | – | – | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ● | ○ | LW / 2 | ● | ○ |
| | | M \| K \| B \| C \| D | 179 | ● | ○ | LW / 2 | ● | ○ |
| | Steel back | N | 190 | ● | – | LW / 2 | ● | – |
| | | M \| K \| B \| C \| D | 179 | ● | – | LW / 2 | ● | – |

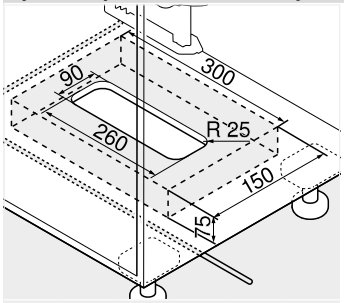
| | | | |
|---|---|---|---|
| LW | Internal cabinet width | ○ | Not required |
| Z | Dimension of engagement | – | Not possible |
| ● | Required | ✕ | Remove |


Lever extension

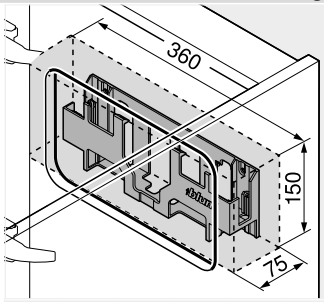

Lever cap


Trigger guidance

### Space requirement and safety distance – transformer unit housing



Base fixing



Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Order information | 386 | **Assembly, removal and adjustment** | |
| | | Planning – bracket profile top | 388 | | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | Short-URL | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | www.blum.com/a380 | |
| Overview – TANDEMBOX plus | 345 | | | | |




## SERVO-DRIVE uno for bottom mount waste bin solutions – LEGRABOX | TANDEMBOX

Webcode DQE61A



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- Suitable for individual applications
- For bottom mount waste bin solutions
- Also ideal for retrofitting
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Simple and quick assembly of pre-mounted parts



### Order information

**18 SERVO-DRIVE set**

| Network adapter | Language package | Part no. | Network adapter | Language package | Part no. |
|---|---|---|---|---|---|
| E | A | Z10NA30EA | B | A | Z10NA30BA |
| E | B | Z10NA30EB | K | D | Z10NA30KD |
| E | C | Z10NA30EC | U | G | Z10NA30UG |
| E | D | Z10NA30ED | U | J | Z10NA30UJ |
| E | E | Z10NA30EE | H | D | Z10NA30HD |
| E | F | Z10NA30EF | | | |

**Network adapter** [1]

E  B  K  U  H 

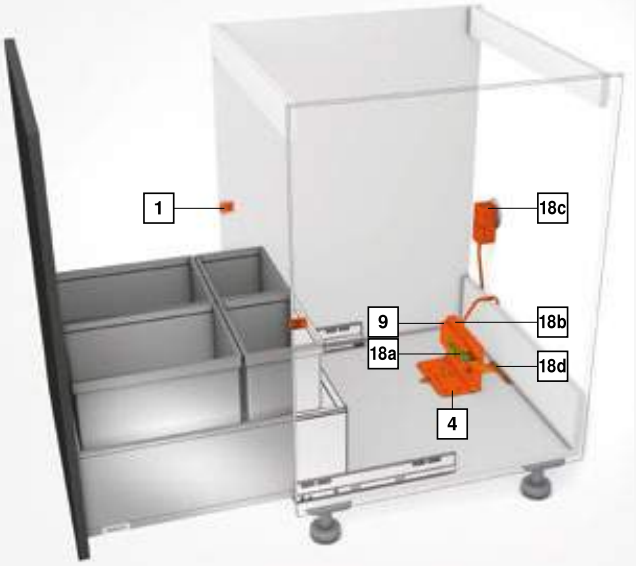
**Language package**

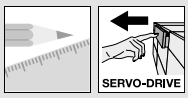
| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **J** | JA |

Other combinations available upon request
Set pre-mounted
[1] See the Information chapter for a detailed market list

**Composed of:**

| | | |
|---|---|---|
| **1** | 2 x | Blum distance bumper |
| **4** | 1 x | Attachment bracket 1 tier |
| **9** | 1 x | Drive unit |
| **18a** | 1 x | Transport protection |
| **18b** | 1 x | Protection against dripping water |
| **18c** | 1 x | Blum plug-in transformer 12 W |
| **18d** | 1 x | Assembly |
| – | 7 x | Screws for Blum distance bumper and attachment bracket |
| – | 1 x | Installation instructions |
| – | 1 x | Instruction leaflet |



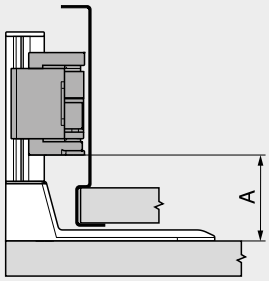



# SERVO-DRIVE uno for bottom mount waste bin solutions – LEGRABOX | TANDEMBOX

Webcode DQE61A

## Planning

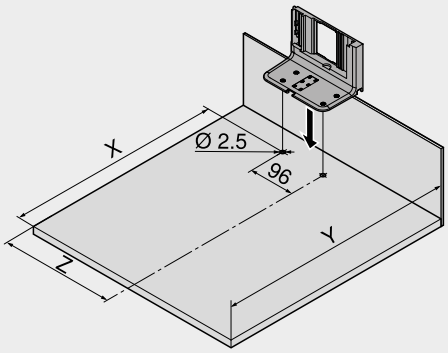
### Position – drive unit




| Box systems | Internal cabinet width LW (mm) ≥ 387 | |
|---|---|---|
| | A min. (mm) | A max. (mm) |
| LEGRABOX | 45 | 47 |
| TANDEMBOX | 28 | 43 |

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

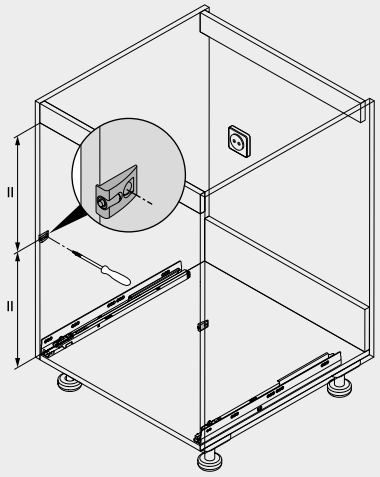
### Drilling distances – base




| Back | Internal cabinet width LW (mm) ≥ 387 | | |
|---|---|---|---|
| | X (mm) | Y (mm) | Z (mm) |
| Chipboard back | NL – 45 | NL + 35 | LW / 2 |
| Steel back | NL – 62 | NL + 18 | LW / 2 |

NL Nominal length
X Drilling position
Y Min. space requirement
Z Dimension of engagement

### Position – Blum distance bumper



The Blum distance bumper creates and maintains the required trigger path of 2 mm

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | SERVO-DRIVE uno – market list | 706 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX intivo | 271 | More technical details | 686 | | |
| Overview – TANDEMBOX antaro | 297 | | | | |
| Overview – TANDEMBOX plus | 345 | | | | |


Short-URL
www.blum.com/a380




## SERVO-DRIVE uno for top mount waste bin solutions – TANDEMBOX

Webcode DQE6QM



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- Suitable for individual applications
- For top mount waste bin solutions
- Also ideal for retrofitting
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Simple and quick assembly of pre-mounted parts



### Order information

**18 SERVO-DRIVE set**



| Cabinet width KB (mm) | Part no. | Cabinet width KB (mm) | Part no. |
|---|---|---|---|
| 450 | Z10T393Wxy1 | 600 | Z10T543Wxy1 |
| 500 | Z10T443Wxy1 | 800 | ☎ Z10T743Wxy1 |
| 550 | ☎ Z10T493Wxy1 | 900 | Z10T843Wxy1 |

**Network adapter (x)** [1]

E  B  K  U  R  N  A 

**Language package (y)**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Set pre-mounted

[1] See the Information chapter for a detailed market list

**Composed of:**

| | |
|---|---|
| **1** | 2 x Blum distance bumper |
| **6** | 1 x Bracket profile horizontal |
| **7b** | 1 x Bracket profile adapter for drive unit |
| **9** | 1 x Drive unit |
| **18b** | 1 x Protection against dripping water |
| **18c** | 1 x Blum plug-in transformer 12 W |
| **18e** | 1 x Bracket profile attachment left/right |
| **–** | 1 x Installation instructions |
| **–** | 1 x Instruction leaflet |

**19 Special back set**

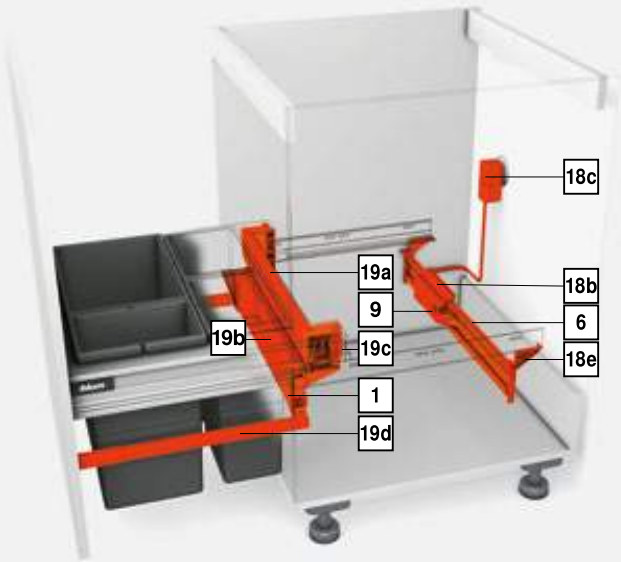


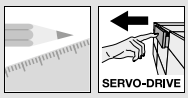
| | |
|---|---|
| **Colour** | RAL 9006 grey (white aluminium) |

| Cabinet width KB (mm) | Cabinet side panel thickness (mm) 15/16 | 18/19 |
|---|---|---|
| 450 | Z30M389S0W | Z30M383S0W |
| 500 | Z30M439S0W | Z30M433S0W |
| 550 | Z30M489S0W | Z30M483S0W |
| 600 | Z30M539S0W | Z30M533S0W |
| 800 | | Z30M733S0W |
| 900 | Z30M839S0W | Z30M833S0W |

**Composed of:**

| | |
|---|---|
| **19a** | 1 x Steel back height M |
| **19b** | 1 x Steel back for waste bin pull-out |
| **19c** | 1 x Attachment left/right |
| **19d** | 1 x Longside gallery rail left/right |



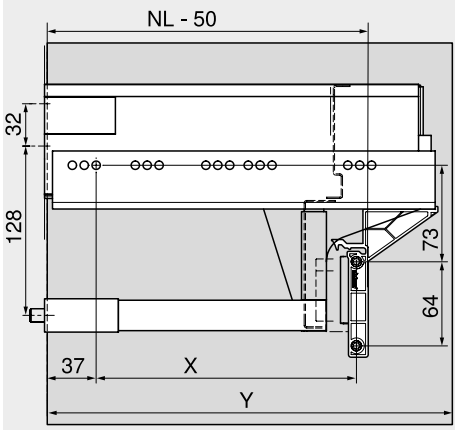



# SERVO-DRIVE uno for top mount waste bin solutions – TANDEMBOX

Webcode
DQE6QM

## Planning

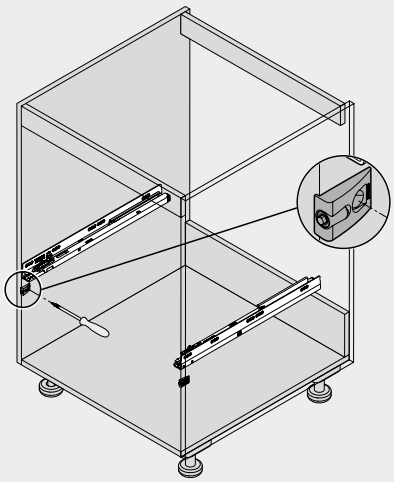
### Position – bracket profile attachment




| Box systems | Cabinet width KB (mm) 450–900 | |
|---|---|---|
| | X (mm) | Y (mm) |
| TANDEMBOX | NL – 96 | NL + 3 |

NL Nominal length
X Drilling position
Y Min. space requirement

### Position – Blum distance bumper



The Blum distance bumper creates and maintains the required trigger path of 2 mm

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – TANDEMBOX intivo | 271 | More technical details | 686 | | |
| Overview – TANDEMBOX antaro | 297 | | | Short-URL | |
| Overview – TANDEMBOX plus | 345 | | | www.blum.com/a380 | |
| SERVO-DRIVE uno – market list | 706 | | | | |

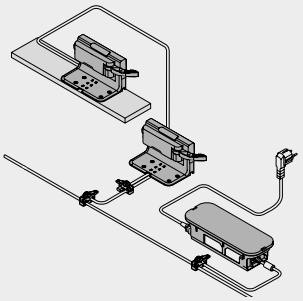





## Sink cabinet



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With attachment bracket
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



### Order information

**1 Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.
For LEGRABOX 70 kg runner, use 4 pcs.
For TANDEMBOX 65 kg runner, use 4 pcs.

**5 Attachment bracket 1 tier**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D0311 |

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**9a Protection against dripping water**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D0316 |

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13 Blum transformer 24 W**



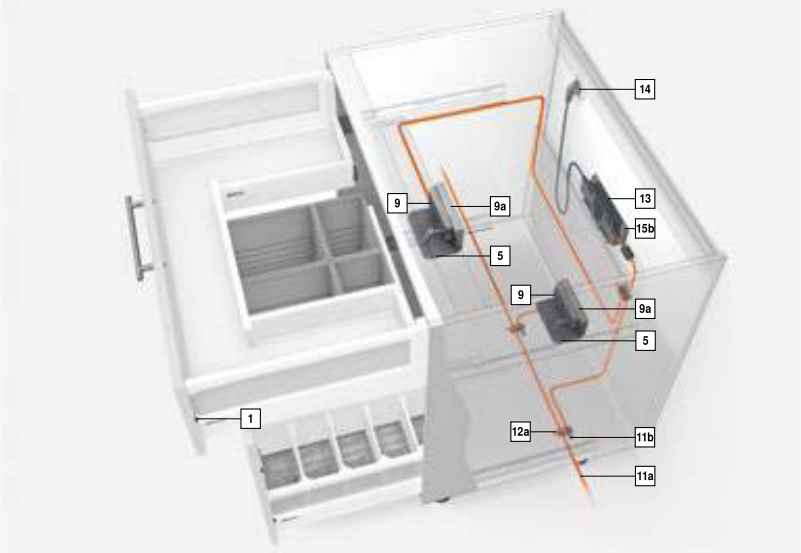
| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639






## Sink cabinet

### Order information

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

**– Front/base stabiliser**



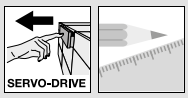
| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z96.10E1 |

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | WGR | White grey |
| S | Black | W | White |

Box systems

**Page instructions**

| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Accessories | 408 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX intivo | 271 | More technical details | 686 | **Short-URL** | |
| Overview – TANDEMBOX antaro | 297 | | | www.blum.com/a380 | |
| Overview – TANDEMBOX plus | 345 | | | | |
| Planning | 398 | | | | |

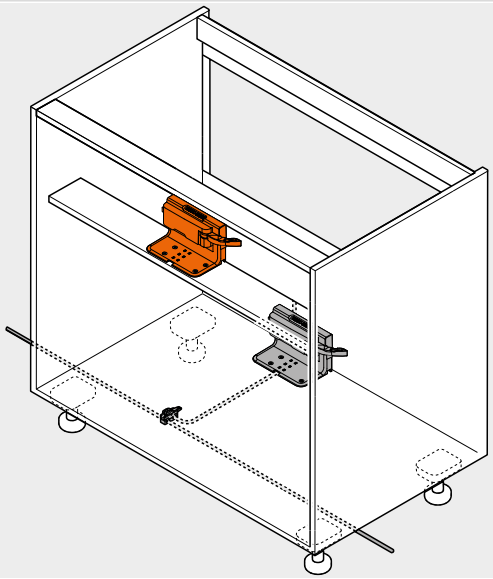




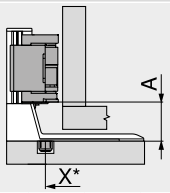

# Sink cabinet

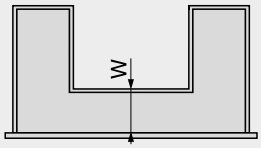
## Planning

### Cabinet



### Cross member – attachment bracket 1 tier



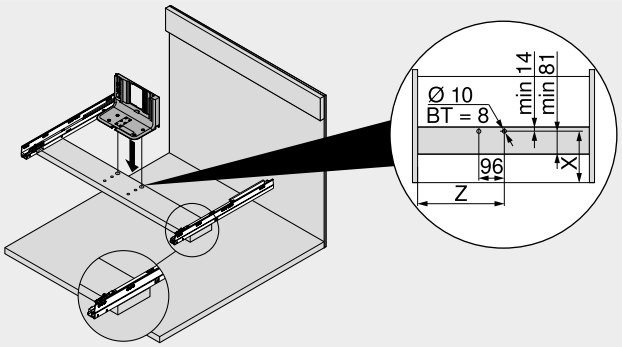

| | |
|---|---|
| LEGRABOX \| TANDEMBOX | |
| Centre piece | |
| X | Drilling position |
| * | Measured from cabinet front edge |

| | |
|---|---|
| W | Distance between the front edge of the drawer base and the centre piece |
| | NL drawer side exterior – NL drawer side interior |
| | LEGRABOX: min. 150 mm |
| | TANDEMBOX: min. 100 mm |

| Box systems | Back | Back height | A (mm) |
|---|---|---|---|
| LEGRABOX | Centre piece | N \| M \| K \| C \| F | 45 |
| TANDEMBOX | Centre piece | N | 28 |
| | | M \| K \| B \| C \| D | 35 |

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

### Cross member – attachment bracket 1 tier

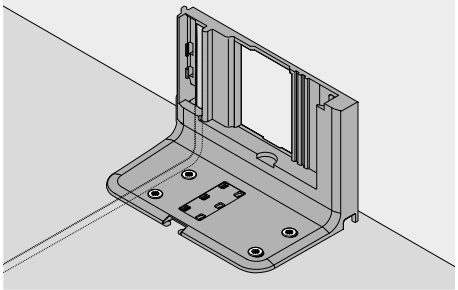


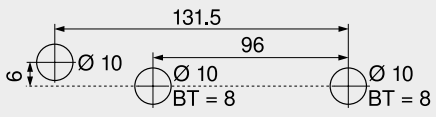

| Box systems | Back | Back height | Internal cabinet width LW (mm) ≥ 387 / Nominal length exterior NL (mm) 400 | | 450–650 | |
|---|---|---|---|---|---|---|
| | | | X (mm) | Z (mm) | X (mm) | Z (mm) |
| LEGRABOX | Centre piece | N \| M \| K \| C \| F | 157 | LW / 2 | 177 | LW / 2 |
| TANDEMBOX | Centre piece | N \| M \| K \| B \| C \| D | W + 27 | LW / 2 | W + 27 | LW / 2 |

X Drilling position
Z Dimension of engagement
W Distance between the front edge of the drawer base and the centre piece
BT Drilling depth

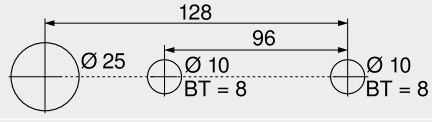
### Cabinet bottom – drilling pattern

#### Lower cabling



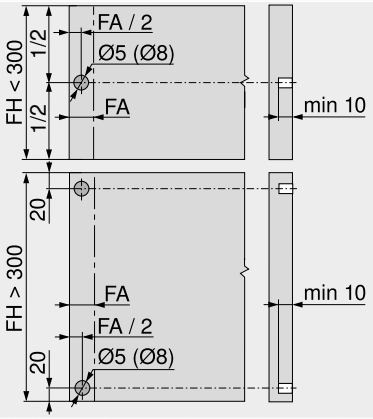



BT Drilling depth

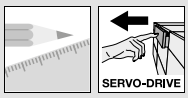



Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm
When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
For optimal trigger function for front height FH > 300 mm, use front stabilisation
FA Front overlay
FH Front height

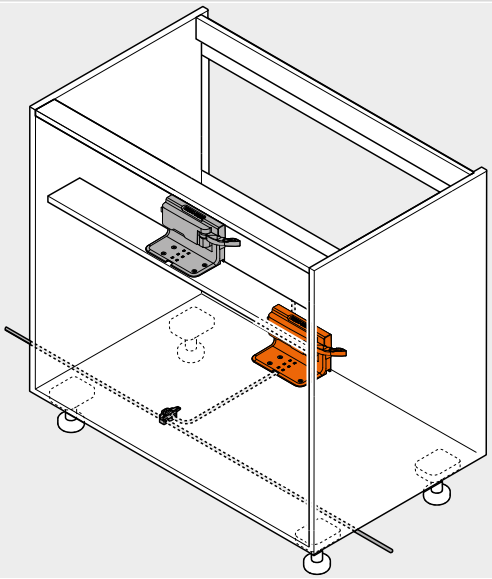




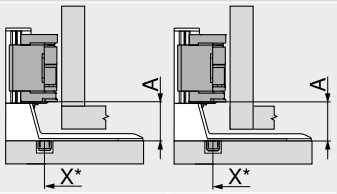

# Sink cabinet

## Planning

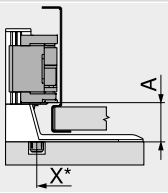
### Cabinet



### Cabinet bottom – attachment bracket 1 tier




LEGRABOX | TANDEMBOX
Chipboard back



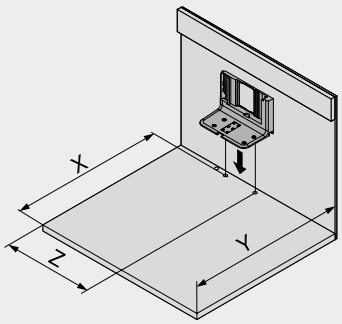

LEGRABOX | TANDEMBOX
Steel back

| | |
|---|---|
| X | Drilling position |
| * | Measured from cabinet front edge |

| Box systems | Back | Back height | Internal cabinet width LW (mm) |
|---|---|---|---|
| | | | ≥ 387 |
| | | | A (mm) |
| LEGRABOX | Chipboard back | N \| M \| K \| C \| F | 45 |
| | Steel back | N | – |
| | | M \| K \| C \| F | 45 |
| TANDEMBOX | Chipboard back | N | 28 |
| | | M \| K \| B \| C \| D | 35 |
| | Steel back | N | 28 |
| | | M \| K \| B \| C \| D | 35 |

| | |
|---|---|
| A | Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit |
| – | Not possible |

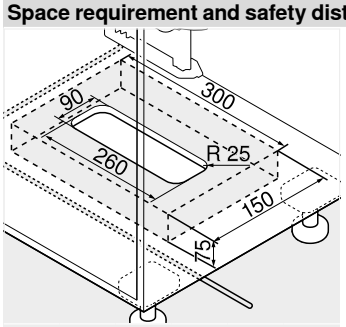
### Cabinet bottom – attachment bracket 1 tier



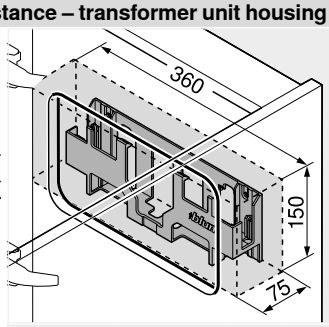

| Back | X (mm) | Y (mm) | Z (mm) |
|---|---|---|---|
| Chipboard back | NL + 19 | NL + 33 | LW / 2 |
| Steel back | NL + 2 | NL + 16 | LW / 2 |

| | |
|---|---|
| LW | Internal cabinet width |
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |
| Z | Dimension of engagement |

### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

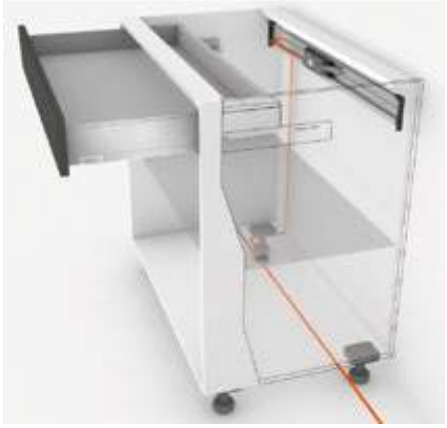
## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Order information | 396 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | Short-URL | |
| Overview – TANDEMBOX plus | 345 | | | www.blum.com/a380 | |

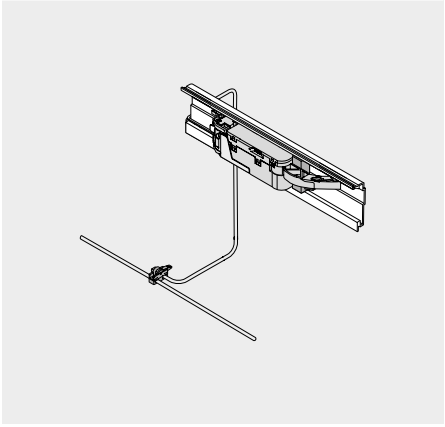





## Cabinet with pull-out element – bracket profile horizontal



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With attachment bracket and horizontal bracket profile
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



### Order information

**1 Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.
For LEGRABOX 70 kg runner, use 4 pcs.
For TANDEMBOX 65 kg runner, use 4 pcs.

**6 Bracket profile horizontal**



| Material | Length (mm) | Part no. |
|---|---|---|
| Aluminium | 1143 | Z10T1143B |

For cabinet width KB 275–1200 mm

a **Cutting** Internal cabinet width LW – 19 mm

**7 Horizontal bracket profile attachment**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D5210 |

**Composed of:**
**7a** 1 x Bracket profile attachment left/right
**7b** 1 x Bracket profile adapter for drive unit
Chipboard screws and system screws can be used

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**10 Trigger guidance for chipboard back**



| Box systems | Colour | Part no. |
|---|---|---|
| TANDEMBOX | R7037 | Z10A3H00 |

Chipboard back
Required for internal cabinet widths (LW) of 242–316 mm

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

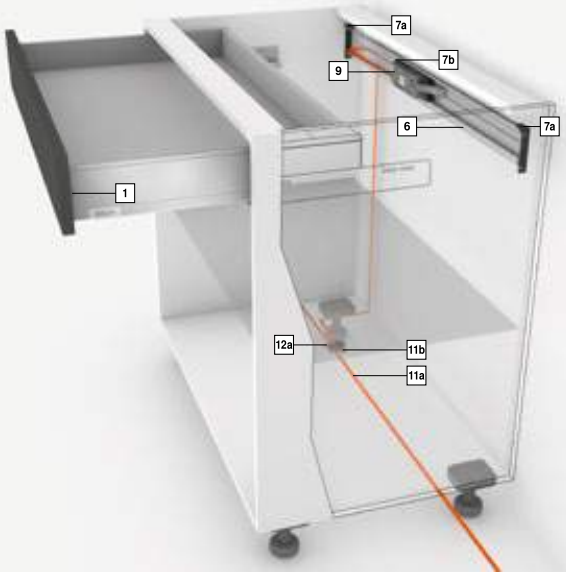
**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector



## Cabinet with pull-out element – bracket profile horizontal

### Order information

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

**– Front/base stabiliser**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z96.10E1 |

**– COMBOX set**



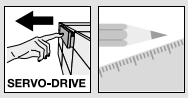
| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10ZC00A |

For preventing front collisions when using SERVO-DRIVE in corner situations
Suitable starting with drive unit Z10A3000.**02**
Includes all assembly and cabling components

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | WGR | White grey |
| S | Black | W | White |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Accessories | 408 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX intivo | 271 | More technical details | 686 | **Short-URL** | |
| Overview – TANDEMBOX antaro | 297 | | | www.blum.com/a380 | |
| Overview – TANDEMBOX plus | 345 | | | | |
| Planning | 402 | | | | |

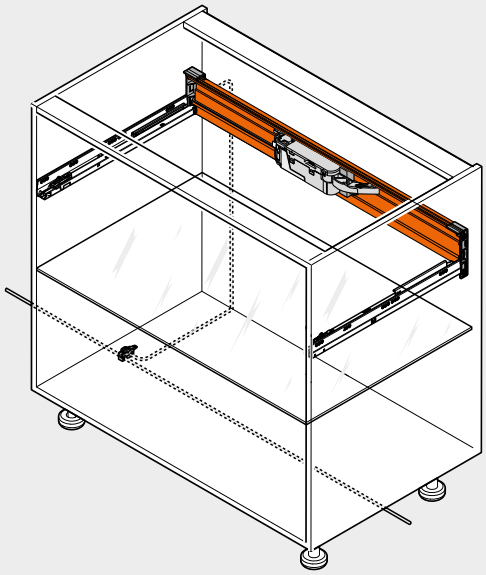




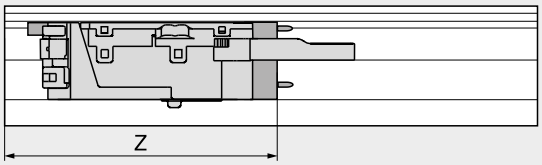

# Cabinet with pull-out element – bracket profile horizontal

## Planning

### Cabinet



### Position – drive unit




Z Dimension of engagement

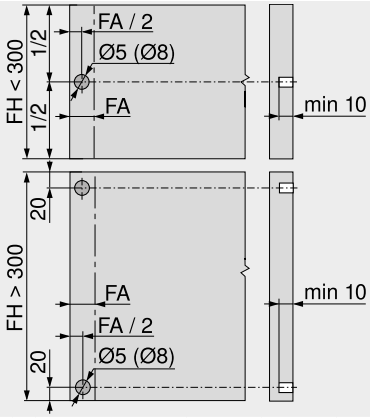
### Position – drive unit

| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | |
|---|---|---|---|---|---|---|
| | | | 242–266 | 267–286 | 287–386 | 387–1170 |
| | | | Z (mm) | Z (mm) | Z (mm) | Z (mm) |
| LEGRABOX | Chipboard back | N | – | – | 193 | LW / 2 |
| | | M \| K \| C \| F | – | 182 | 182 | LW / 2 |
| | Steel back | N | – | – | – | – |
| | | M \| K \| C \| F | – | 182 | 182 | LW / 2 |
| TANDEMBOX | Chipboard back | N | – | – | 193 | LW / 2 |
| | | M \| K \| B \| C \| D | 182 | 182 | 182 | LW / 2 |
| | Steel back | N | – | 193 | 193 | LW / 2 |
| | | M \| K \| B \| C \| D | – | 182 | 182 | LW / 2 |

Z Dimension of engagement

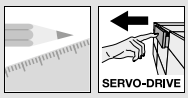
– Not possible

### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm
When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
For optimal trigger function for front height FH > 300 mm, use front stabilisation

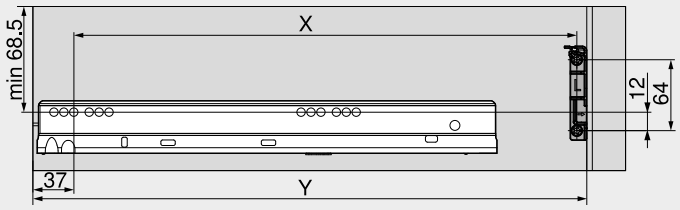
FA Front overlay
FH Front height



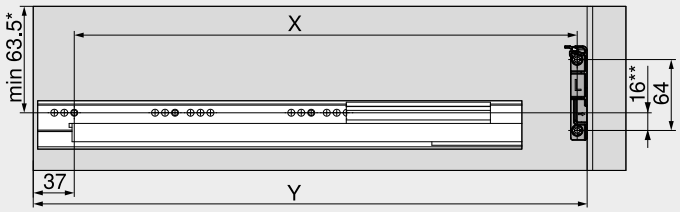

## Cabinet with pull-out element – bracket profile horizontal

### Planning

#### Drilling distances




LEGRABOX




TANDEMBOX

* 55 mm for back height N

** 24 mm for back height N

| Back | X (mm) | Y (mm) |
|---|---|---|
| Chipboard back | NL – 9 | NL + 37 |
| Steel back | NL – 26 | NL + 20 |

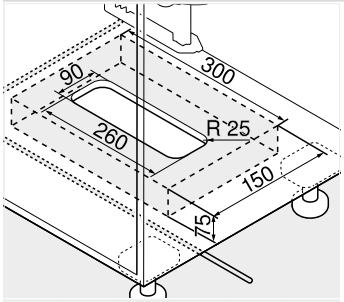
NL Nominal length

X Drilling position

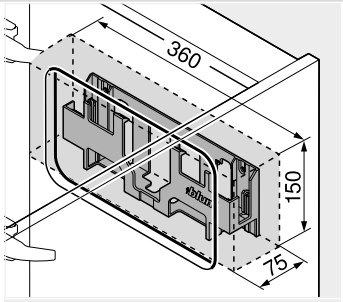
Y Min. space requirement

Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

#### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Order information | 400 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
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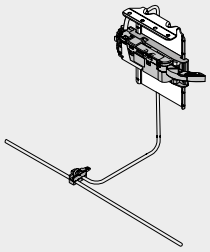





## Cabinet with pull-out element – upper attachment bracket



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With upper attachment bracket
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



### Order information

**1 Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.
For LEGRABOX 70 kg runner, use 4 pcs.
For TANDEMBOX 65 kg runner, use 4 pcs.

**8 Upper attachment bracket**



| Material | Colour | Part no. |
|---|---|---|
| Steel | R7037/ZN | Z10D6252 |

Incl. pre-mounted adapter for the drive unit

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever cap

**10 Lever cap**



| Box systems | Colour | Part no. |
|---|---|---|
| LEGRABOX | S | Z10A3006 |

Steel back
Required from height M and internal cabinet widths (LW) of 267–286 mm

**10 Trigger guidance for chipboard back**



| Box systems | Colour | Part no. |
|---|---|---|
| TANDEMBOX | R7037 | Z10A3H00 |

Chipboard back
Required for internal cabinet widths (LW) of 242–316 mm

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13 Blum transformer 24 W**



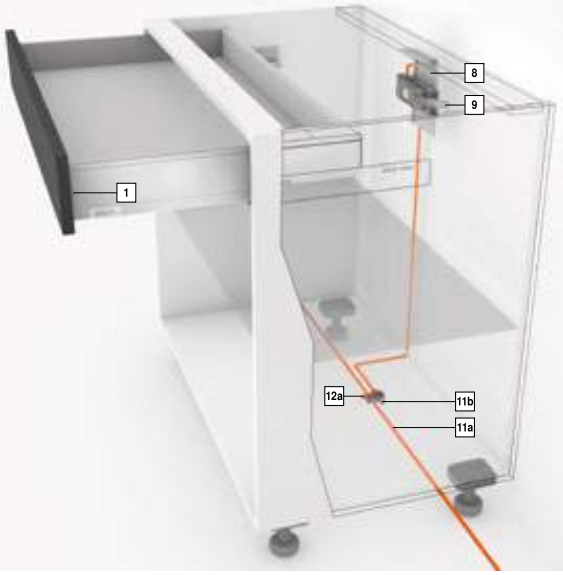
| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639






## Cabinet with pull-out element – upper attachment bracket

### Order information

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

**– Front/base stabiliser**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z96.10E1 |

**– COMBOX set**



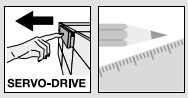
| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10ZC00A |

For preventing front collisions when using SERVO-DRIVE in corner situations
Suitable starting with drive unit Z10A3000.**02**
Includes all assembly and cabling components

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | W | White |
| S | Black | ZN | Zinc plated |
| WGR | White grey | | |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Accessories | 408 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX intivo | 271 | More technical details | 686 | **Short-URL** | |
| Overview – TANDEMBOX antaro | 297 | | | www.blum.com/a380 | |
| Overview – TANDEMBOX plus | 345 | | | | |
| Planning | 406 | | | | |

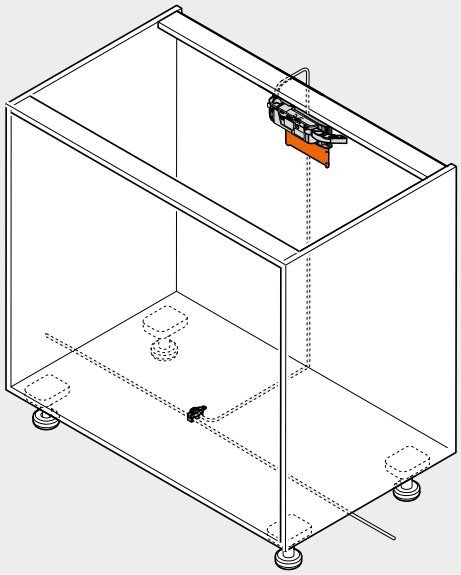




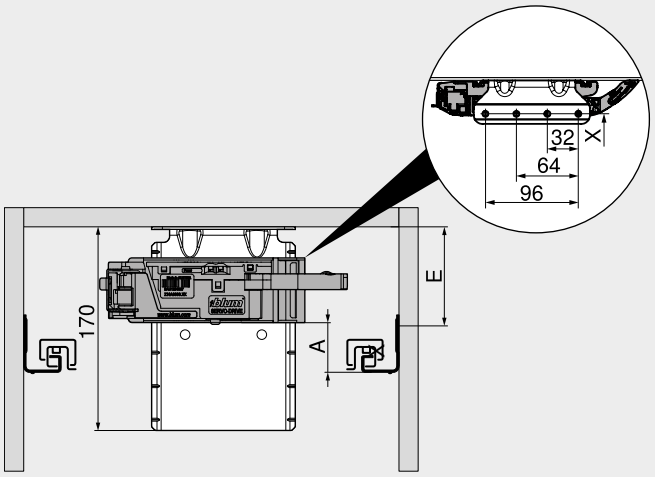

## Cabinet with pull-out element – upper attachment bracket

### Planning

#### Cabinet



#### Position – drive unit




| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile |
| X | Drilling position |

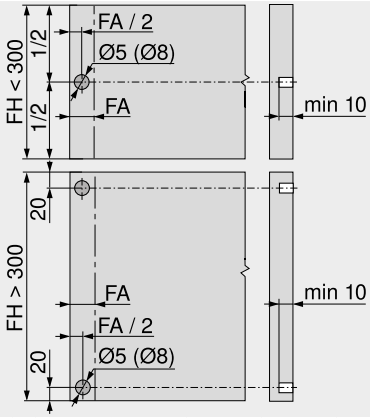
The cross bar must be connected to the work plate to make it secure

### Position – drive unit

| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | | 267–286 | | | 287–316 | | | ≥ 317 | | |
| | | | A (mm) | E min. (mm) | E max. (mm) | A (mm) | E min. (mm) | E max. (mm) | A (mm) | E min. (mm) | E max. (mm) | A (mm) | E min. (mm) | E max. (mm) |
| LEGRABOX | Chipboard back | N | – | – | – | – | – | – | 45 | 84 | 174 | 45 | 84 | 174 |
| | | M \| K \| C \| F | – | – | – | 45 | 84 | 174 | 45 | 84 | 174 | 45 | 84 | 174 |
| | Steel back | N | – | – | – | – | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | – | 45 | 84 | 174 | 45 | 84 | 174 | 45 | 84 | 174 |
| TANDEMBOX | Chipboard back | N | 35 | 79 | 180 | 35 | 79 | 180 | 35 | 79 | 180 | 28 | 79 | 180 |
| | | M \| K \| B \| C \| D | 35 | 79 | 180 | 35 | 79 | 180 | 35 | 79 | 180 | 35 | 79 | 180 |
| | Steel back | N | – | – | – | – | – | – | 28 | 79 | 180 | 28 | 79 | 180 |
| | | M \| K \| B \| C \| D | – | – | – | 35 | 79 | 180 | 35 | 79 | 180 | 35 | 79 | 180 |

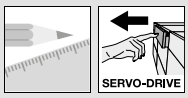
| | | | |
|---|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – | Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile | | |

### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm
When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
For optimal trigger function for front height FH > 300 mm, use front stabilisation

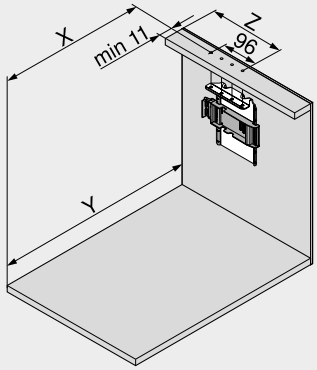
| | |
|---|---|
| FA | Front overlay |
| FH | Front height |




# Cabinet with pull-out element – upper attachment bracket

## Planning

### Drilling distances




| Back | X (mm) | Y (mm) |
|---|---|---|
| Chipboard back | NL – 1 | NL + 34 |
| Steel back | NL – 18 | NL + 17 |

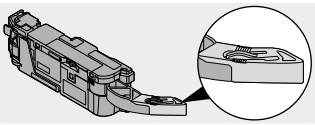
| | |
|---|---|
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |
| Z | Dimension of engagement |

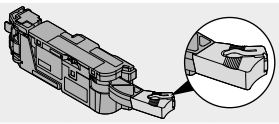
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

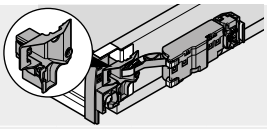
| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 242–266 | | | 267–286 | | | | 287–316 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance | Lever cap | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | | M \| K \| C \| F | – | – | – | 184 | ● | – | – | 184 | ● | – |
| | Steel back | N | – | – | – | – | – | – | – | – | – | – |
| | | M \| K \| C \| F | – | – | – | 184 | ✖ | – | ● | 184 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ✖ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | | M \| K \| B \| C \| D | 179 | ✖ | ● | 179 | ● | ● | – | 179 | ● | ● |
| | Steel back | N | – | – | – | – | – | – | – | 190 | ✖ | – |
| | | M \| K \| B \| C \| D | – | – | – | 179 | ✖ | – | – | 179 | ● | – |

| Box systems | Back | Back height | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 317–386 | | | ≥ 387 | | |
| | | | Z (mm) | Lever extension | Trigger guidance | Z (mm) | Lever extension | Trigger guidance |
| LEGRABOX | Chipboard back | N | 184 | ● | – | LW / 2 | ● | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| | Steel back | N | – | – | – | – | – | – |
| | | M \| K \| C \| F | 184 | ● | – | LW / 2 | ● | – |
| TANDEMBOX | Chipboard back | N | 179 | ● | ○ | LW / 2 | ● | ○ |
| | | M \| K \| B \| C \| D | 179 | ● | ○ | LW / 2 | ● | ○ |
| | Steel back | N | 190 | ● | – | LW / 2 | ● | – |
| | | M \| K \| B \| C \| D | 179 | ● | – | LW / 2 | ● | – |

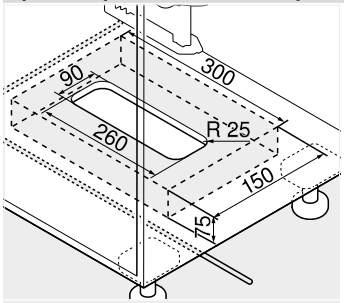
| | | | |
|---|---|---|---|
| LW | Internal cabinet width | ○ | Not required |
| Z | Dimension of engagement | – | Not possible |
| ● | Required | ✖ | Remove |


Lever extension

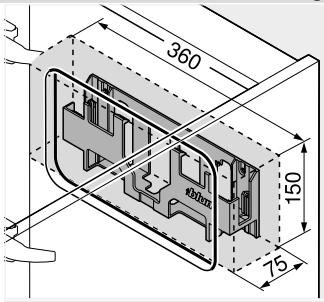

Lever cap


Trigger guidance

### Space requirement and safety distance – transformer unit housing



Base fixing



Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

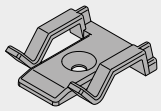
## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for LEGRABOX \| TANDEMBOX | 379 | Order information | 404 | **Assembly, removal and adjustment** | |
| Overview – LEGRABOX | 219 | Accessories | 408 | | |
| Overview – TANDEMBOX intivo | 271 | Overview – assembly devices | 595 | | |
| Overview – TANDEMBOX antaro | 297 | More technical details | 686 | Short-URL | |
| Overview – TANDEMBOX plus | 345 | | | www.blum.com/a380 | |






## Cable holder

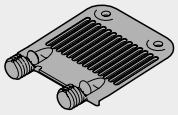


- Material: nylon
- Colour: white

**Order information**

| Description | Part no. |
|---|---|
| Cable holder | Z10K0009 |

## Front/base stabiliser



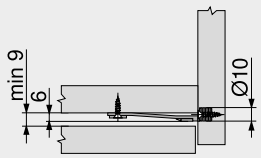
- For stabilising wide and high fronts
- Reinforces the connection between the drawer side and the front

**Order information**

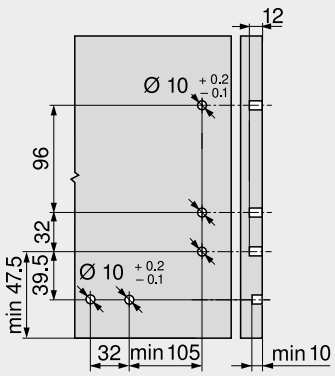
| Fixing method | Colour | Part no. |
|---|---|---|
| EXPANDO | RAL 7037 dust grey | Z96.10E1 |

### Planning

**Space requirement in cabinet**




**Drilling distances – front**



## Synchronisation cable

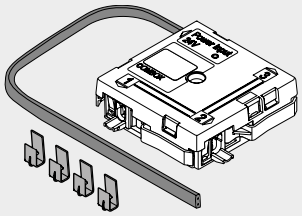


- Connects two drive units that need to activate simultaneously

**Order information**

| Length (mm) | Part no. |
|---|---|
| 80 | Z10K008S |
| 500 | Z10K050S |
| 1200 | Z10K120S |
| 1600 | Z10K160S |

## COMBOX set

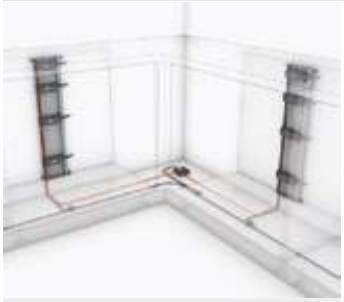


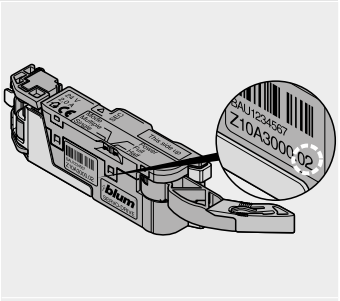
- COMBOX set
- For preventing front collisions when using SERVO-DRIVE in corner situations
- Includes all assembly and cabling components

**Order information**

| Description | Part no. |
|---|---|
| COMBOX set | Z10ZC00A |

### Application






Suitable starting with drive unit Z10A3000.**02**

## Simple. Excellent. Proven.




**A high-quality system with few component parts**
METABOX drawers are made up of only a few components. Using the proven Box system, you can realise so many different applications. Stable materials and careful assembly ensure the best stability values – up to a max. dynamic load bearing of 30 kg.

**BLUMOTION – Silent and effortless closing action for METABOX**
The tried and tested BLUMOTION function is also available as an option for the METABOX single extension. Independent of the force used and the weight of the storage items. Extremely practical and economical: In all standard applications one unit is all you need.



**Height of drawer side N = 54 mm**



**Height of drawer side M = 86 mm**



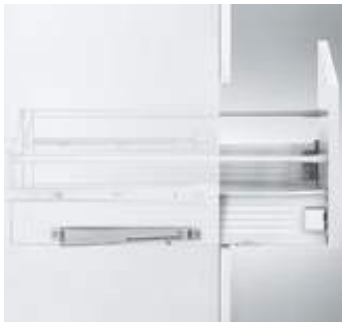
**Height of drawer side K = 118 mm**



**Height of drawer side H = 150 mm**



METABOX BLUMOTION ensures silent and effortless closing action





For simple product selection and ordering of the available range, use our Product Configurator

**Short-URL**
**www.blum.com/configurator**

# Box systems



## Box systems


Symbolic image


| | |
|---|---|
| Overview – box systems | 217 |
| ► LEGRABOX | 218 |
| ► TANDEMBOX intivo | 270 |
| ► TANDEMBOX antaro | 296 |
| ► TANDEMBOX plus | 344 |


## ►► Overview


Symbolic image

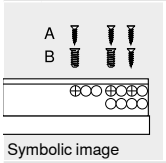

| | |
|---|---|
| ►► Overview – applications | 412 |


## ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| BLUMOTION for METABOX 320 | 429 | POSISTOP | 427 |
| Child safety latch | 426 | METAFILE – file drawer | 428 |
| Anti-tilt device | 426 | Screws | 429 |
| Spacers | 427 | Screwdriver | 430 |
| Contoured profile | 427 | ORGA-LINE – gallery | 431 |
| Lock-out stop | 427 | ORGA-LINE – BOXSIDE | 432 |


## ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 320 – 25 kg | 433 |


## ►► Assembly, removal and adjustment


Symbolic image

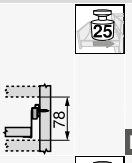
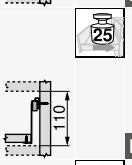
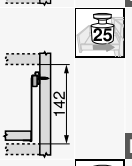
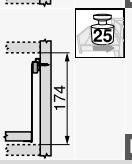
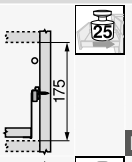
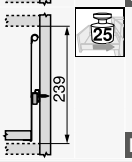
**Assembly, removal and adjustment**

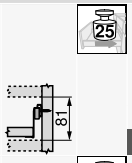
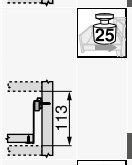
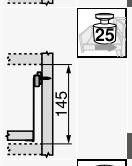
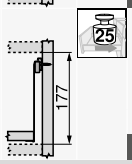
**Short-URL**
**www.blum.com/a390**

## Pictograph

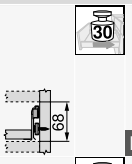
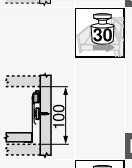
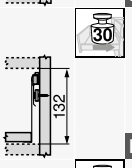
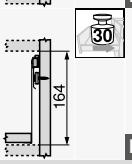
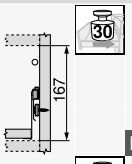
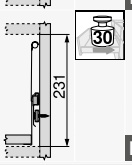
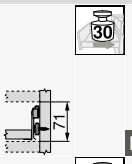
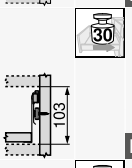
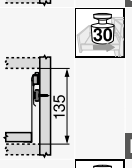
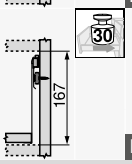
| | |
|---|---|
| Item Available Upon Request | Installation height and/or min. space requirement in cabinet |
| General Information | Dynamic carrying capacity (kg) |
| Accessories | Planning |
| Gallery | Cutting |
| Double gallery | Assembly |
| Single-wall BOXSIDE | |

## ►► Single extension

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **Drawer** | | | | |
|  Drawer – N |  | | DQCKBY | 414 |
|  Drawer – M |  | | DQCL1A | 416 |
|  Drawer – K |  | | DQCLQM | 418 |
|  Drawer – H |  | | DQCMFY | 420 |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – gallery – B |  | | DQCPYM | 422 |
|  High fronted pull-out – gallery – D<br>BOXSIDE possible |  | | DQCQNY | 424 |

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **Inner drawer** | | | | |
|  Inner drawer – N |  | | DQCN5A | 414 |
|  Inner drawer – M |  | | DQCNUM | 416 |
|  Inner drawer – K |  | | DQCOJY | 418 |
|  Inner drawer – H |  | | DQCP9A | 420 |

kg Dynamic carrying capacity

| Applications | Space requirement | kg | Web-code | Page |
|---|---|---|---|---|
| **►► Full extension** | | | | |
| **Drawer** | | | | |
|  Drawer – N |  | | DQCRDA | |
|  Drawer – M |  | | DQCS2M | |
|  Drawer – K |  | | DQCSRY | |
|  Drawer – H |  | | DQCTHA | |
| **High fronted pull-out** | | | | |
|  High fronted pull-out – gallery – B |  | | DQCWZY | |
|  High fronted pull-out – gallery – D<br>BOXSIDE possible |  | | DQCXPA | |
| **Inner drawer** | | | | |
|  Inner drawer – N |  | | DQCU6M | |
|  Inner drawer – M |  | | DQCUVY | |
|  Inner drawer – K |  | | DQCVLA | |
|  Inner drawer – H |  | | DQCWAM | |

kg Dynamic carrying capacity

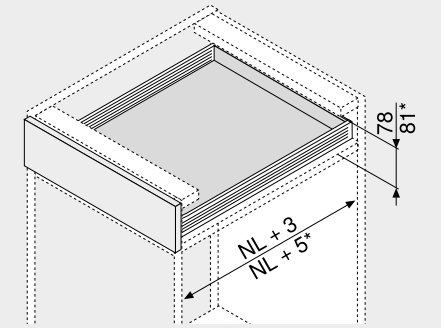
## Drawer | inner drawer – N

| Web-code | | |
|---|---|---|
| | Drawer | DQCKBY |
| | Inner drawer | DQCN5A |



- Single extension height of drawer side 54 mm
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Inner drawer |

### Order information

■ Drawer □ Inner drawer

**1** ■□ **Cabinet profiles and drawer sides left/right**



Colour: R9001

| Nominal length NL (mm) | Version: Screw-on version | Version: Quick assembly version |
|---|---|---|
| 270 | 320N2700C | 320N2700C15 |
| 350 | 320N3500C | 320N3500C15 |
| 400 | 320N4000C | 320N4000C15 |
| 450 | 320N4500C | 320N4500C15 |
| 500 | 320N5000C | 320N5000C15 |
| 550 | 320N5500C | 320N5500C15 |

Other colours available upon request (white or grey)

**2c** ■ **Standard front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1510 |
| Knock-in | ZSF.1610 |

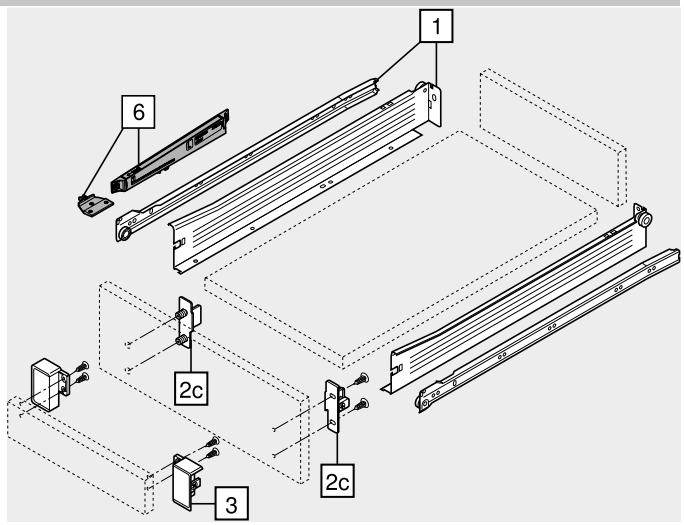
Order left/right

**3** □ **Front fixing for inner drawers**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZIF.3010 |

Order left/right




### a Accessories

**6** ■□ **BLUMOTION for METABOX 320**



| Colour | Material | Part no. |
|---|---|---|
| WGR/R9001 | Nylon | Z70.0320 |

Other colours available for latch upon request (white or grey)

| Colour | | Colour | |
|---|---|---|---|
| R9001 | RAL 9001 cream | WGR | White grey |



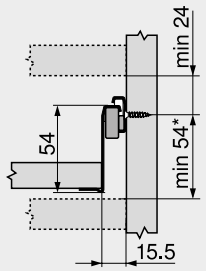



# Drawer | inner drawer – N

| Web-code | | |
|---|---|---|
| | Drawer | DQCKBY |
| | Inner drawer | DQCN5A |

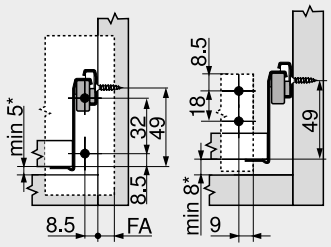
## Planning

### Space requirement in cabinet



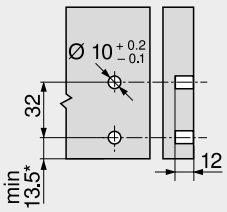

* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

### Installation dimensions – front – screw-on



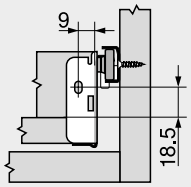

Drawer Inner drawer
FA Front overlay
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

### Drilling distances – front – EXPANDO | knock-in



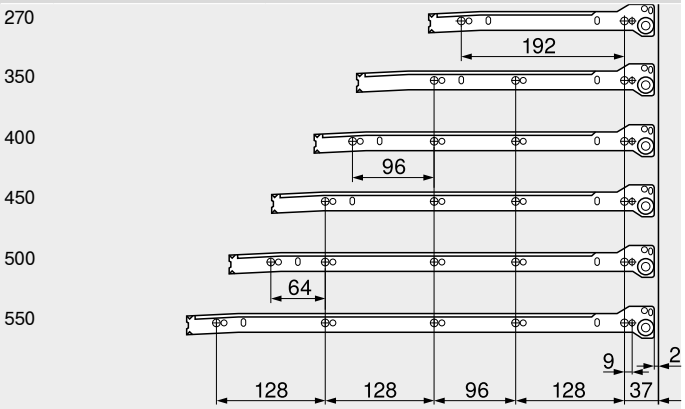

Drawer
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

### Installation dimensions – back



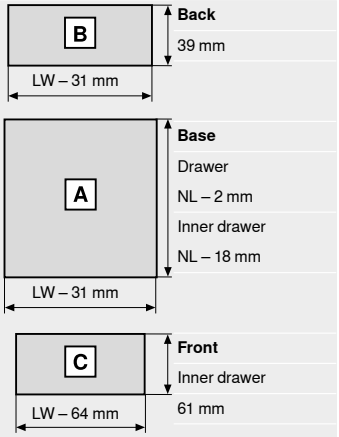

### Screw position – cabinet profiles

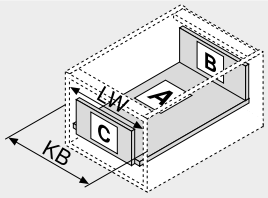
**Nominal length NL (mm)**




Drawer
Internal cabinet depth LT min. = nominal length NL + 3 mm
Inner drawer
Internal cabinet depth LT min. = nominal length NL + 5 mm

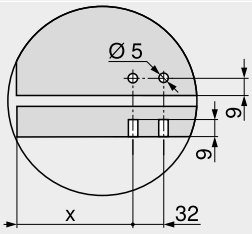
### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

### Base assembly for quick assembly version



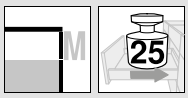

| | X (mm) |
|---|---|
| Drawer | 69 |
| Inner drawer | 53 |

## Page instructions


| | |
|---|---|
| Overview – METABOX | 411 |
| Accessories | 426 |
| BLUMOTION for METABOX 320 | 429 |
| Cabinet profile fixing positions | 433 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
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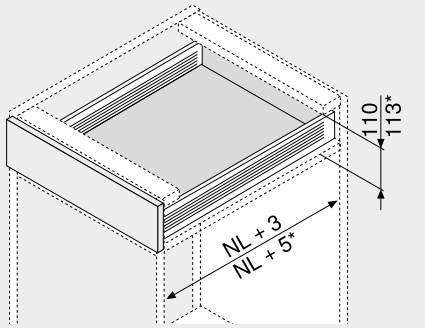

## Drawer | inner drawer – M

| Web-code | | |
|---|---|---|
| | Drawer | DQCL1A |
| | Inner drawer | DQCNUM |



- Single extension height of drawer side 86 mm
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Inner drawer |

### Order information

■ Drawer □ Inner drawer

**1 ■□ Cabinet profiles and drawer sides left/right**



Colour: R9001

| Nominal length NL (mm) | Version: Screw-on version | Version: Quick assembly version |
|---|---|---|
| 270 | 320M2700C | 320M2700C15 |
| 350 | 320M3500C | 320M3500C15 |
| 400 | 320M4000C | 320M4000C15 |
| 450 | 320M4500C | 320M4500C15 |
| 500 | 320M5000C | 320M5000C15 |
| 550 | 320M5500C | 320M5500C15 |

Other colours available upon request (white or grey)

**2a ■ CLIP front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1200 |
| Knock-in | ZSF.1300 |
| EXPANDO | ZSF.130E |

Order left/right

**2b ■ Cover caps for 2a**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZAA.3700 |

Order left/right

**Alternative to 2a**

**2c ■ Standard front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1700 |
| Knock-in | ZSF.1800 |

Order left/right

**2d ■ Cover caps for 2c**



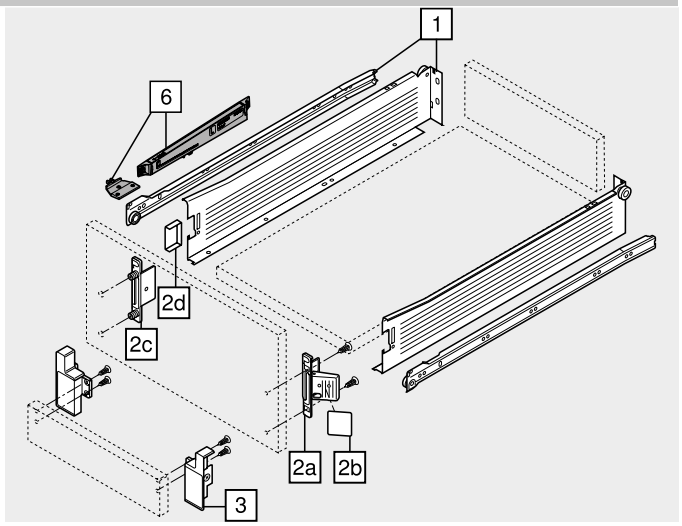
| Colour | Material | | Part no. |
|---|---|---|---|
| R9001 | Nylon | 2 x | ZAA.3500 |

**3 □ Front fixing for inner drawers**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZIF.3000 |

Order left/right




### a Accessories

**6 ■□ BLUMOTION for METABOX 320**



| Colour | Material | Part no. |
|---|---|---|
| WGR/R9001 | Nylon | Z70.0320 |

Other colours available for latch upon request (white or grey)

| Colour | | Colour | |
|---|---|---|---|
| R9001 | RAL 9001 cream | WGR | White grey |

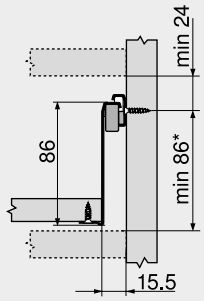



## Drawer | inner drawer – M

| Web-code | | |
|---|---|---|
| | Drawer | DQCL1A |
| | Inner drawer | DQCNUM |

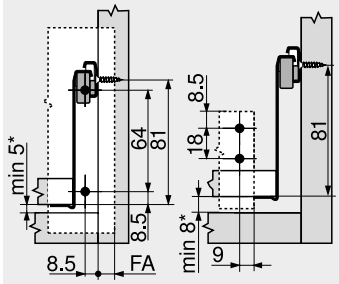
### Planning

#### Space requirement in cabinet



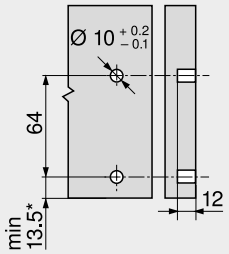

* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Installation dimensions – front – screw-on



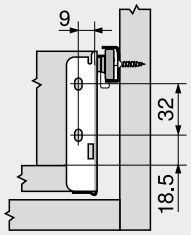

Drawer Inner drawer
FA Front overlay
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Drilling distances – front – EXPANDO | knock-in



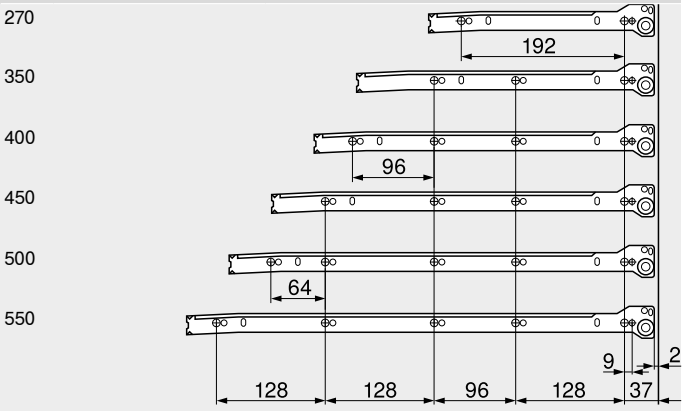

Drawer
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Installation dimensions – back



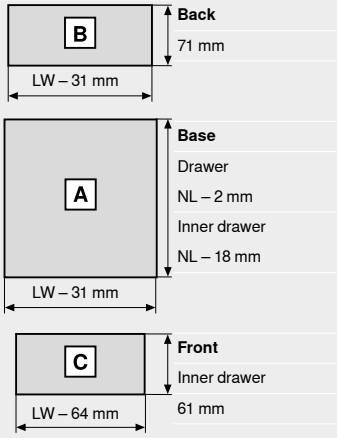

#### Screw position – cabinet profiles

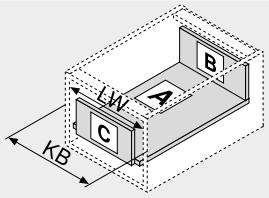
**Nominal length NL (mm)**




Drawer
Internal cabinet depth LT min. = nominal length NL + 3 mm
Inner drawer
Internal cabinet depth LT min. = nominal length NL + 5 mm

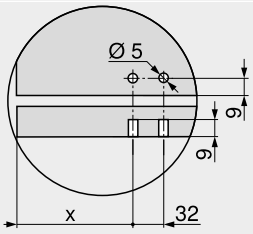
### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

### Base assembly for quick assembly version



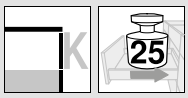

| | X (mm) |
|---|---|
| Drawer | 69 |
| Inner drawer | 53 |

### Page instructions


| | |
|---|---|
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**Assembly, removal and adjustment**

Short-URL
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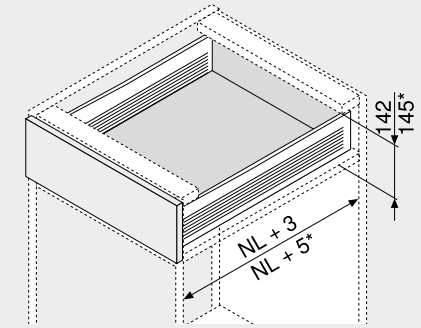

## Drawer | inner drawer – K

| Web-code | | |
|---|---|---|
| | Drawer | DQCLQM |
| | Inner drawer | DQCOJY |



- Single extension height of drawer side 118 mm
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Inner drawer |

### Order information

■ Drawer □ Inner drawer

**1 ■□ Cabinet profiles and drawer sides left/right**



Colour: R9001

| Nominal length NL (mm) | Version: Screw-on version | Version: Quick assembly version |
|---|---|---|
| 350 | 320K3500C | 320K3500C15 |
| 400 | 320K4000C | 320K4000C15 |
| 450 | 320K4500C | 320K4500C15 |
| 500 | 320K5000C | 320K5000C15 |
| 550 | 320K5500C | 320K5500C15 |

Other colours available upon request (white or grey)

**2a ■ CLIP front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1200 |
| Knock-in | ZSF.1300 |
| EXPANDO | ZSF.130E |

Order left/right

**2b ■ Cover caps for 2a**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZAA.3700 |

Order left/right

**Alternative to 2a**

**2c ■ Standard front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1700 |
| Knock-in | ZSF.1800 |

Order left/right

**2d ■ Cover caps for 2c**



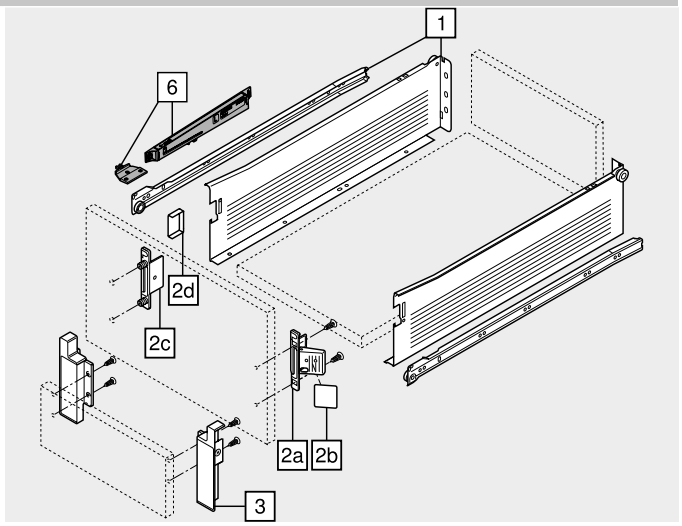
| Colour | Material | | Part no. |
|---|---|---|---|
| R9001 | Nylon | 2 x | ZAA.3500 |

**3 □ Front fixing for inner drawers**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZIF.3030 |

Order left/right




### a Accessories

**6 ■□ BLUMOTION for METABOX 320**



| Colour | Material | Part no. |
|---|---|---|
| WGR/R9001 | Nylon | Z70.0320 |

Other colours available for latch upon request (white or grey)

| Colour | | Colour | |
|---|---|---|---|
| R9001 | RAL 9001 cream | WGR | White grey |

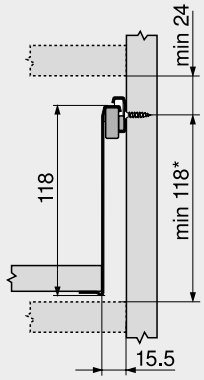



## Drawer | inner drawer – K

| Web-code | | |
|---|---|---|
| | Drawer | DQCLQM |
| | Inner drawer | DQCOJY |

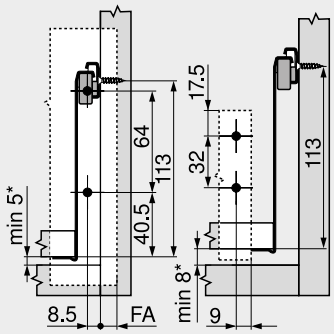
### Planning

#### Space requirement in cabinet



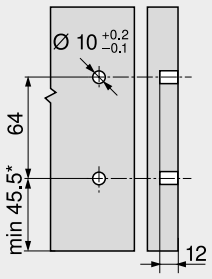

* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Installation dimensions – front – screw-on



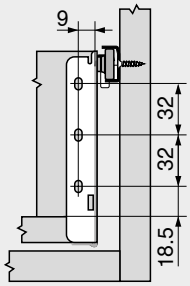

Drawer Inner drawer
FA Front overlay
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Drilling distances – front – EXPANDO | knock-in



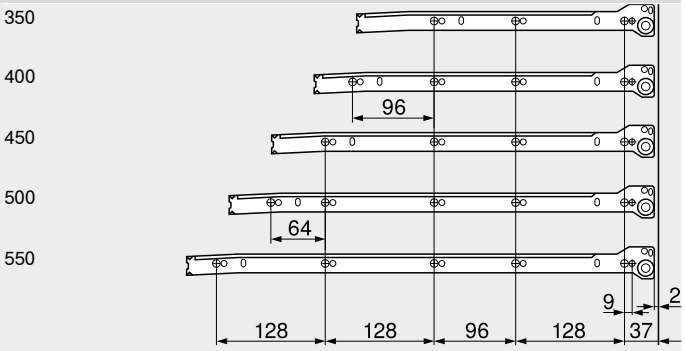

Drawer
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Installation dimensions – back



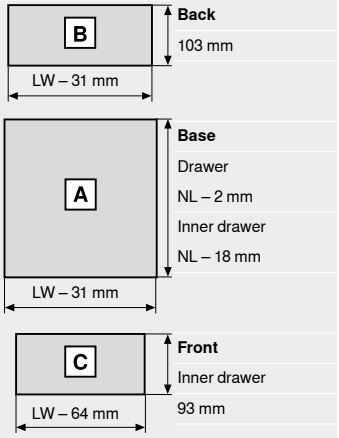

#### Screw position – cabinet profiles

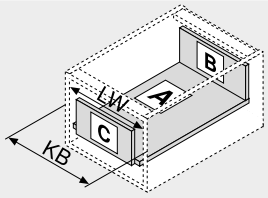
**Nominal length NL (mm)**




Drawer
Internal cabinet depth LT min. = nominal length NL + 3 mm
Inner drawer
Internal cabinet depth LT min. = nominal length NL + 5 mm

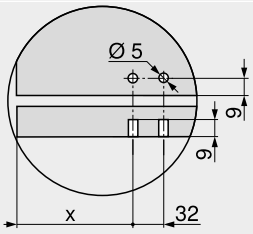
#### Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

#### Base assembly for quick assembly version



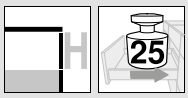

| | X (mm) |
|---|---|
| Drawer | 69 |
| Inner drawer | 53 |

### Page instructions


| | |
|---|---|
| Overview – METABOX | 411 |
| Accessories | 426 |
| BLUMOTION for METABOX 320 | 429 |
| Cabinet profile fixing positions | 433 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a390



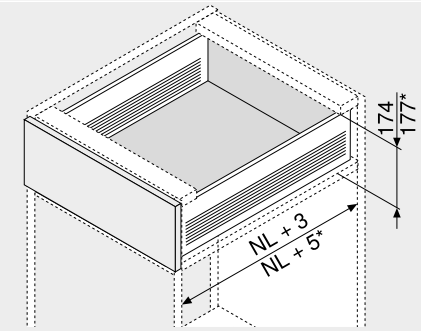

## Drawer | inner drawer – H

| Web-code | | |
|---|---|---|
| | Drawer | DQCMFY |
| | Inner drawer | DQCP9A |



- Single extension height of drawer side 150 mm
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| * | Inner drawer |

### Order information

■ Drawer □ Inner drawer

**1 ■□ Cabinet profiles and drawer sides left/right**



Colour: R9001

| Nominal length NL (mm) | Version: Screw-on version | Version: Quick assembly version |
|---|---|---|
| 350 | 320H3500C | 320H3500C15 |
| 400 | 320H4000C | 320H4000C15 |
| 450 | 320H4500C | 320H4500C15 |
| 500 | 320H5000C | 320H5000C15 |
| 550 | 320H5500C | 320H5500C15 |

Other colours available upon request (white or grey)

**2a ■ CLIP front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1200 |
| Knock-in | ZSF.1300 |
| EXPANDO | ZSF.130E |

Order left/right

**2b ■ Cover caps for 2a**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZAA.3700 |

Order left/right

**Alternative to 2a**

**2c ■ Standard front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1700 |
| Knock-in | ZSF.1800 |

Order left/right

**2d ■ Cover caps for 2c**



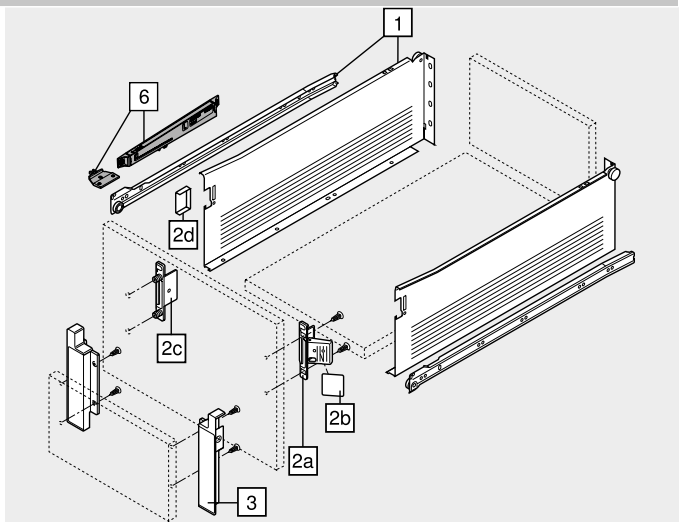
| Colour | Material | | Part no. |
|---|---|---|---|
| R9001 | Nylon | 2 x | ZAA.3500 |

**3 □ Front fixing for inner drawers**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZIF.3050 |

Order left/right




### a Accessories

**6 ■□ BLUMOTION for METABOX 320**



| Colour | Material | Part no. |
|---|---|---|
| WGR/R9001 | Nylon | Z70.0320 |

Other colours available for latch upon request (white or grey)

| Colour | | Colour | |
|---|---|---|---|
| R9001 | RAL 9001 cream | WGR | White grey |

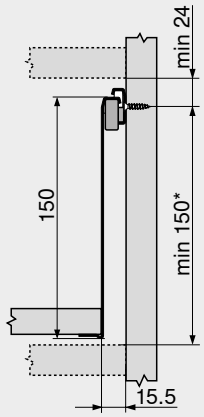



## Drawer | inner drawer – H

| Web-code | | |
|---|---|---|
| | Drawer | DQCMFY |
| | Inner drawer | DQCP9A |

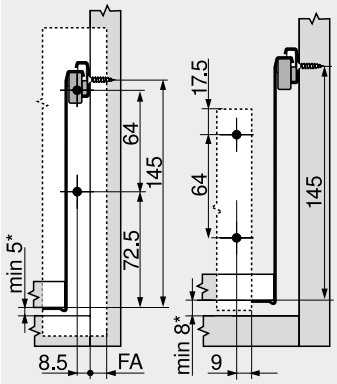
### Planning

#### Space requirement in cabinet



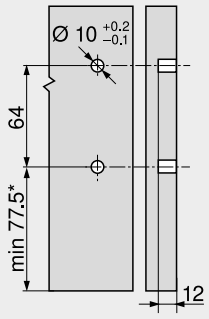

* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Installation dimensions – front – screw-on



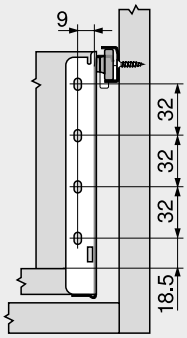

Drawer Inner drawer
FA Front overlay
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Drilling distances – front – EXPANDO | knock-in



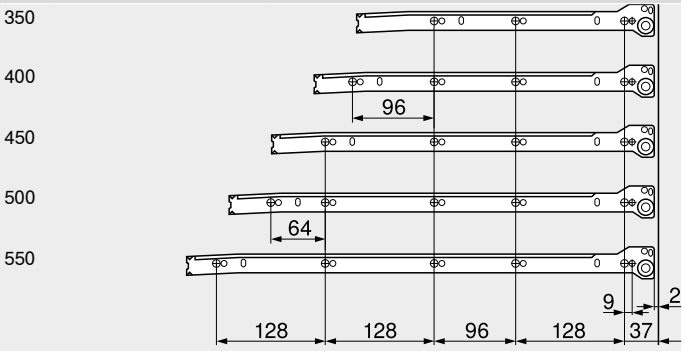

Drawer
* +2 mm with BLUMOTION
* +3 mm for inner drawer with BLUMOTION

#### Installation dimensions – back



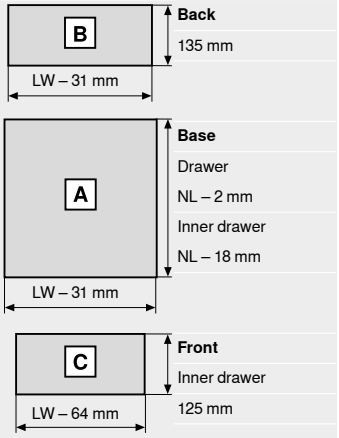

#### Screw position – cabinet profiles

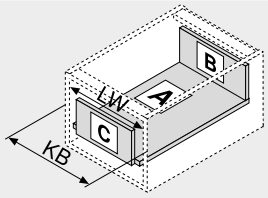
**Nominal length NL (mm)**




Drawer
Internal cabinet depth LT min. = nominal length NL + 3 mm
Inner drawer
Internal cabinet depth LT min. = nominal length NL + 5 mm

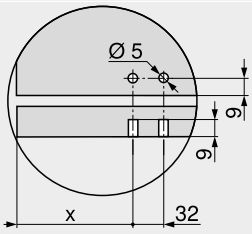
#### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

#### Base assembly for quick assembly version



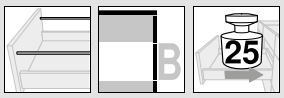

| | X (mm) |
|---|---|
| Drawer | 69 |
| Inner drawer | 53 |

### Page instructions


| | |
|---|---|
| Overview – METABOX | 411 |
| Accessories | 426 |
| BLUMOTION for METABOX 320 | 429 |
| Cabinet profile fixing positions | 433 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a390**



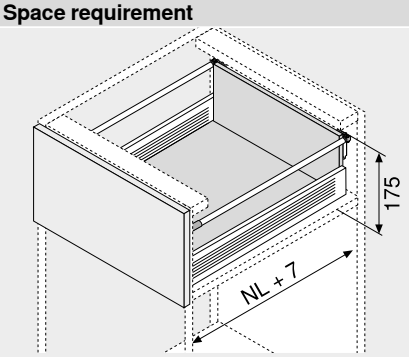

## High fronted pull-out – gallery – B

Webcode DQCPYM



- With simple gallery
- Single extension height of drawer side 86 mm
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 3-dimensional front adjustment

### Space requirement




NL Nominal length

### Order information

**1 Cabinet profiles and drawer sides left/right**



Colour R9001

| Nominal length NL (mm) | Version Screw-on version | Quick assembly version |
|---|---|---|
| 350 | 320M3500C | 320M3500C15 |
| 400 | 320M4000C | 320M4000C15 |
| 450 | 320M4500C | 320M4500C15 |
| 500 | 320M5000C | 320M5000C15 |
| 550 | 320M5500C | 320M5500C15 |

Other colours available upon request (white or grey)

**2a CLIP front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1200 |
| Knock-in | ZSF.1300 |
| EXPANDO | ZSF.130E |

Order left/right

**2b Cover caps for 2a**



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZAA.3700 |

Order left/right

**Alternative to 2a**

**2c Standard front fixing brackets**



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1700 |
| Knock-in | ZSF.1800 |

Order left/right

**2d Cover caps for 2c**

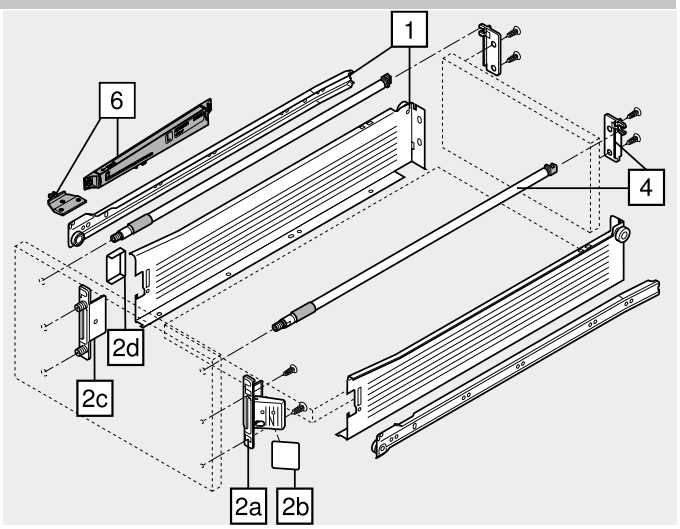


| Colour | Material | | Part no. |
|---|---|---|---|
| R9001 | Nylon | 2 x | ZAA.3500 |

**4 Longside gallery rails with back fixing left/right**



| Nominal length NL (mm) | Colour R9001 |
|---|---|
| 350 | ZRE.321S.ID |
| 400 | ZRE.371S.ID |
| 450 | ZRE.421S.ID |
| 500 | ZRE.471S.ID |
| 550 | ZRE.521S.ID |




### a Accessories

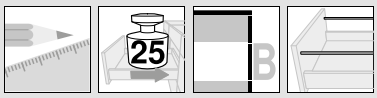
**6 BLUMOTION for METABOX 320**



| Colour | Material | Part no. |
|---|---|---|
| WGR/R9001 | Nylon | Z70.0320 |

Other colours available for latch upon request (white or grey)

| Colour | | Colour | |
|---|---|---|---|
| R9001 | RAL 9001 cream | WGR | White grey |

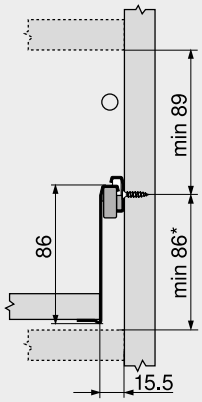



# High fronted pull-out – gallery – B

Webcode DQCPYM

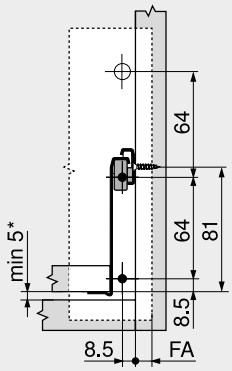
## Planning

### Space requirement in cabinet



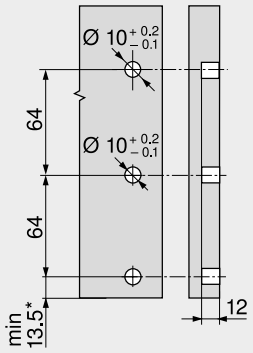

* +2 mm with BLUMOTION

### Installation dimensions – front – screw-on



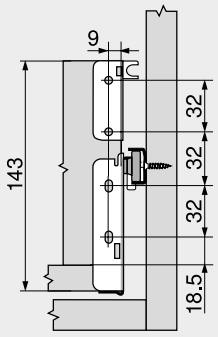

FA Front overlay
* +2 mm with BLUMOTION

### Drilling distances – front – EXPANDO | knock-in



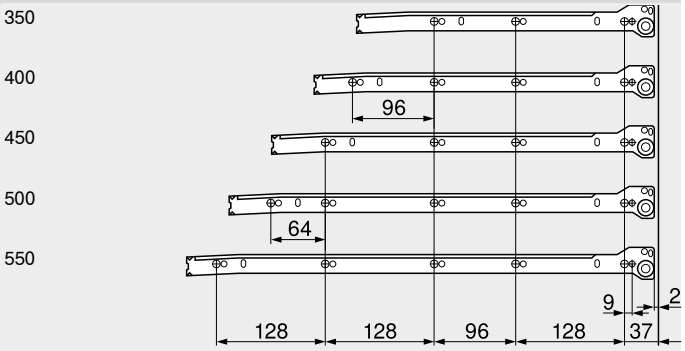

* +2 mm with BLUMOTION

### Installation dimensions – back



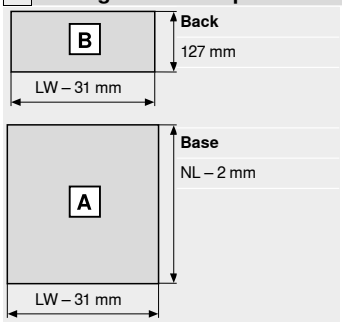

### Screw position – cabinet profiles

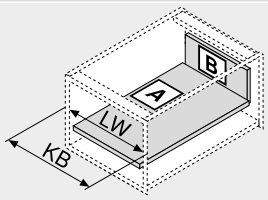
**Nominal length NL (mm)**




High fronted pull-out
Internal cabinet depth LT min. = nominal length NL + 7 mm

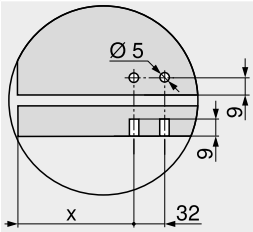
## Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Base assembly for quick assembly version



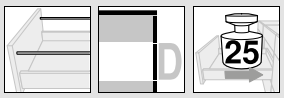

| | X (mm) |
|---|---|
| High fronted pull-out | 69 |

## Page instructions


| | |
|---|---|
| Overview – METABOX | 411 |
| Accessories | 426 |
| BLUMOTION for METABOX 320 | 429 |
| Accessories – ORGA-LINE – gallery | 431 |
| Cabinet profile fixing positions | 433 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a390**



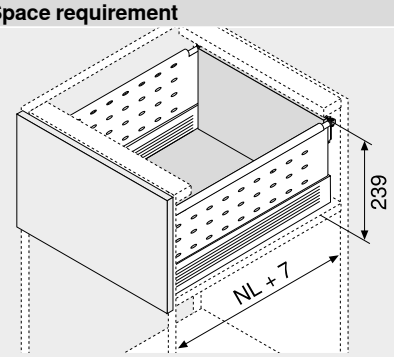

## High fronted pull-out – gallery – D

Webcode DQCQNY



- With simple gallery
- Single BOXSIDE system possible
- Single extension height of drawer side 86 mm
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 3-dimensional front adjustment

### Space requirement




NL Nominal length

### Order information

**1** Cabinet profiles and drawer sides left/right



Colour R9001

| Nominal length NL (mm) | Version Screw-on version | Quick assembly version |
|---|---|---|
| 350 | 320M3500C | 320M3500C15 |
| 400 | 320M4000C | 320M4000C15 |
| 450 | 320M4500C | 320M4500C15 |
| 500 | 320M5000C | 320M5000C15 |
| 550 | 320M5500C | 320M5500C15 |

Other colours available upon request (white or grey)

**2a** CLIP front fixing brackets



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1200 |
| Knock-in | ZSF.1300 |
| EXPANDO | ZSF.130E |

Order left/right

**2b** Cover caps for 2a



| Colour | Material | Part no. |
|---|---|---|
| R9001 | Nylon | ZAA.3700 |

Order left/right

**Alternative to 2a**

**2c** Standard front fixing brackets



| Fixing method | Part no. |
|---|---|
| Screw-on | ZSF.1700 |
| Knock-in | ZSF.1800 |

Order left/right

**2d** Cover caps for 2c

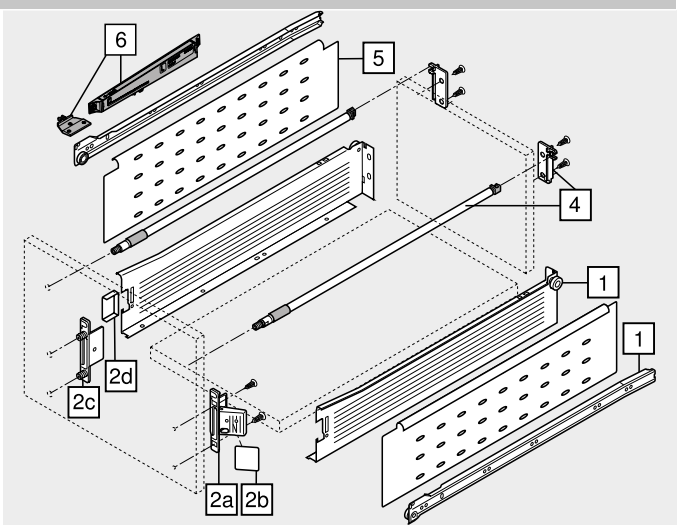


| Colour | Material | | Part no. |
|---|---|---|---|
| R9001 | Nylon | 2 x | ZAA.3500 |

**4** Longside gallery rails with back fixing left/right



| Nominal length NL (mm) | Colour R9001 |
|---|---|
| 350 | ZRE.321S.ID |
| 400 | ZRE.371S.ID |
| 450 | ZRE.421S.ID |
| 500 | ZRE.471S.ID |
| 550 | ZRE.521S.ID |




### a Accessories

**5** Single-wall BOXSIDE



| Nominal length NL (mm) | | Colour R9001 |
|---|---|---|
| 400 | 2 x | Z36H367SE01 |
| 450 | 2 x | Z36H417SE01 |
| 500 | 2 x | Z36H467SE01 |
| 550 | 2 x | Z36H517SE01 |

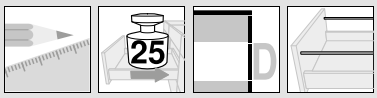
**6** BLUMOTION for METABOX 320



| Colour | Material | Part no. |
|---|---|---|
| WGR/R9001 | Nylon | Z70.0320 |

Other colours available for latch upon request (white or grey)

| Colour | | Colour | |
|---|---|---|---|
| R9001 | RAL 9001 cream | WGR | White grey |



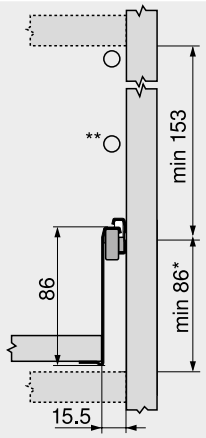



# High fronted pull-out – gallery – D

Webcode DQCQNY

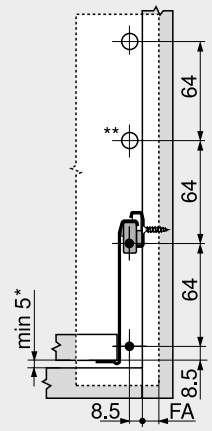
## Planning

### Space requirement in cabinet



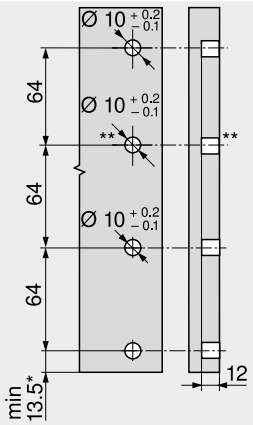

* +2 mm with BLUMOTION
** With double gallery

### Installation dimensions – front – screw-on



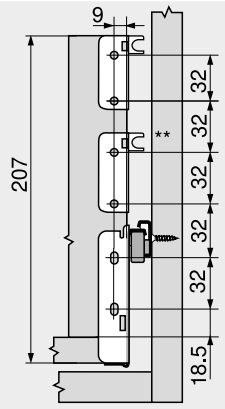

FA Front overlay
* +2 mm with BLUMOTION
** With double gallery

### Drilling distances – front – EXPANDO | knock-in




* +2 mm with BLUMOTION
** With double gallery

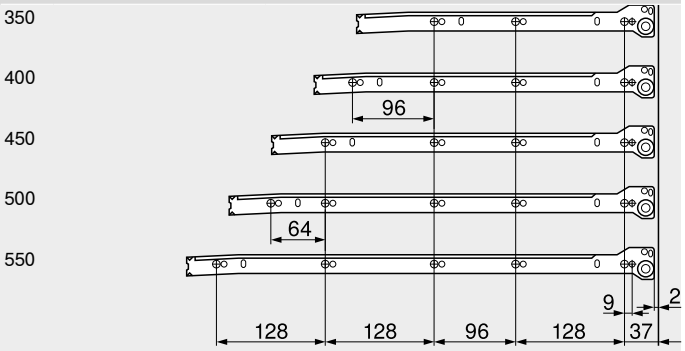
### Installation dimensions – back




** With double gallery

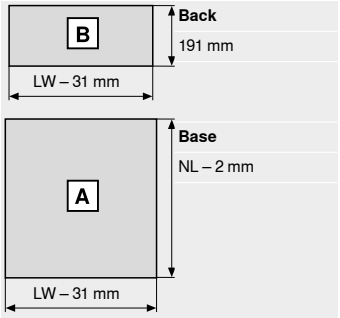
### Screw position – cabinet profiles

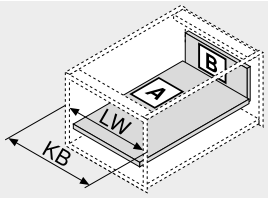
**Nominal length NL (mm)**




High fronted pull-out
Internal cabinet depth LT min. = nominal length NL + 7 mm

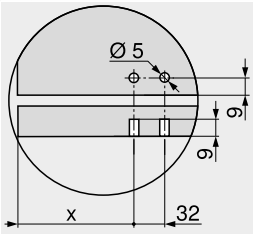
## Cutting – 16 mm chipboard




KB Cabinet width
LW Internal cabinet width
NL Nominal length

## Base assembly for quick assembly version




| | X (mm) |
|---|---|
| High fronted pull-out | 69 |

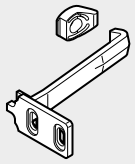
## Page instructions


| | |
|---|---|
| Overview – METABOX | 411 |
| Accessories | 426 |
| BLUMOTION for METABOX 320 | 429 |
| Accessories – ORGA-LINE – gallery | 431 |
| Accessories – ORGA-LINE – BOXSIDE | 432 |
| Cabinet profile fixing positions | 433 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a390

## Child safety latch



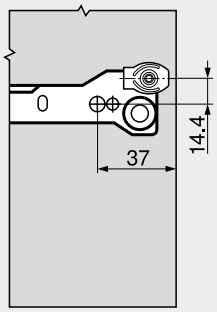
- To prevent small children from opening the drawer
- Material: nylon
- Colour: natural coloured

**Order information**

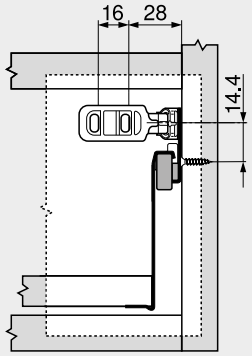
| | Description | Part no. |
|---|---|---|
|  | Child safety latch 320 | 295.5501 |
|  | Lock-out stop 320 | 320M0009.01 |

### Planning

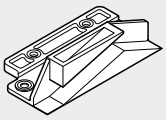
**Installation dimensions – cabinet – 320**




**Installation dimensions – front – 320**




## Anti-tilt device



- For centre locking mechanisms
- In combination with locking systems (locking bar systems)
- If one drawer is open, the others are locked (pull-out lock)
- Material: nylon
- Colour: RAL 9001 cream

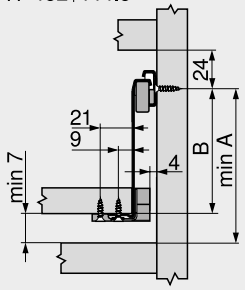
**Order information**

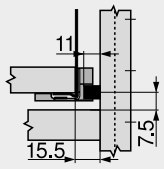
| Description | Part no. |
|---|---|
| Anti-tilt device | 295.5300 |

### Planning

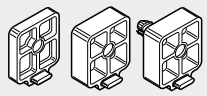
**320**

| 320 | A | B |
|---|---|---|
| N | 56 | 48.5 |
| M | 88 | 80.5 |
| K | 120 | 112.5 |
| H | 152 | 144.5 |



## Spacers



- For inner drawers with single extensions (320)
- To space drawers beyond the front protrusion
- Stacking possible (up to 24 mm)
- Screw fixing with version available for pre-drilled Ø 5 mm holes
- Material: nylon
- Colour: RAL 9001 cream

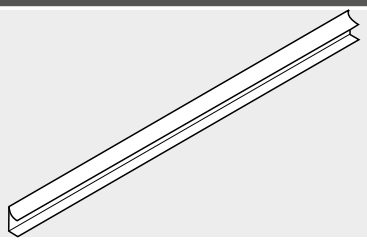
**Order information**

| Fixing method | Front protrusion (mm) | Part no. |
|---|---|---|
| Screw-on | 4 | 320M0048 |
| Screw-on | 8 | 320M0088 |
| Dowel Ø 5 mm | 8 | 320M0188 |

**Planning**

| Hinge | Front protrusion (mm) | Fixing (mm) | Fixing method | Spacers 320M0048 | 320M0088 | 320M0188 |
|---|---|---|---|---|---|---|
| 170° hinge | 8 | Ø 4 x 20 | Screw-on | | 1 x | |
| | | | Dowel Ø 5 mm | | | 1 x |
| 100° \| 107° \| 110° | 12 | Ø 4 x 25 | Screw-on | 1 x | 1 x | |
| | | | Dowel Ø 5 mm | 1 x | | 1 x |
| Profile/thick door hinge | 16 | Ø 4 x 30 | Screw-on | | 2 x | |
| | | | Dowel Ø 5 mm | | 1 x | 1 x |
| Maximum spacing | 24 | Ø 4 x 40 | Screw-on | | 3 x | |
| | | | Dowel Ø 5 mm | | 2 x | 1 x |

## Contoured profile



- Screw-on version
- For cutting to size, 1200 mm
- For 16 mm base
- Material: nylon
- Colour: RAL 9001 cream

**Order information**

| Description | Part no. |
|---|---|
| Contoured profile | ZSD.1200S |

**Cutting**

| | |
|---|---|
| **Contoured profile** | |
| Drawer \| high fronted pull-out | Nominal length NL – 2 mm – cabinet back thickness RD |
| Inner drawer \| inner pull-out | Nominal length NL – 2 mm – cabinet back thickness RD – front thickness FD |
| **Base** | |
| Width = internal cabinet width LW – 34 mm | |
| Drawer \| high fronted pull-out | Length = nominal length – 2 mm |
| Inner drawer \| inner pull-out | Length = nominal length – 2 mm – front thickness FD |

## Lock-out stop 320

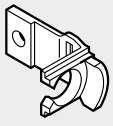


- To prevent accidental removal of drawer specially for cutlery or machine/applicance pull-outs
- For single extension
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Lock-out stop 320 | 320M0009.01 |

## POSISTOP 320

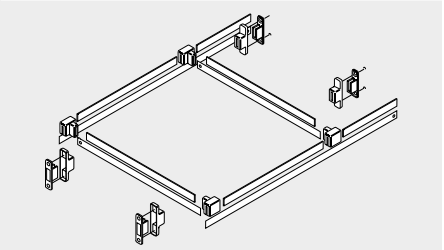


- Stop in runner system
- Developed to relieve pressure on the drawer front
- For single extension
- Produces either a 1.5 or 3 mm gap
- Symmetrical
- Material: nylon
- Colour: natural coloured

**Order information**

| Front gap FS (mm) | Part no. |
|---|---|
| 1.5 | 298.3210.01 |
| 3.0 | 298.3230.01 |

## METAFILE – file drawer



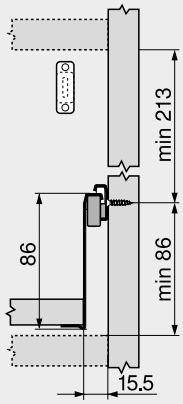
- For tilt adjustment, high fronted pull-out, height B with gallery
- Nominal length NL 450–550 mm
- Cabinet width KB 275–600 mm
- Material: nylon/steel
- Colour: RAL 9001 cream

**Order information**

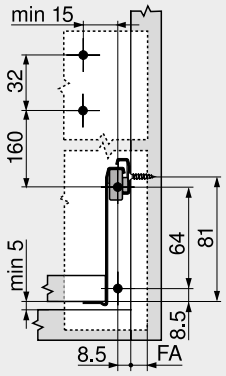
| Description | Part no. |
|---|---|
| METAFILE – file drawer | ZRM.5500 |

### Planning

**Space requirement in cabinet**

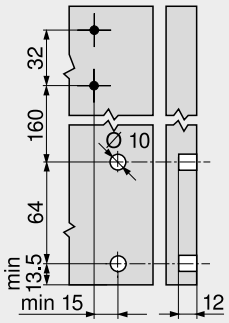



**Installation dimensions – front – screw-on**

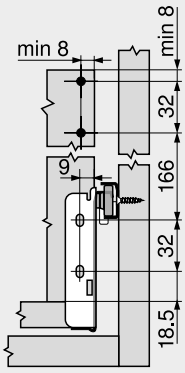



FA Front overlay

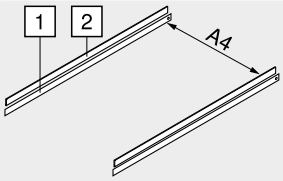
**Drilling distances – front – EXPANDO | knock-in**




**Installation dimensions – back**



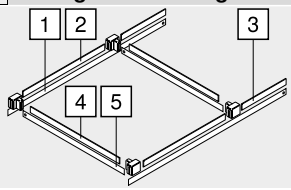

### Cutting – DIN-A4 across




| Internal cabinet width LW min. | 376 mm |
|---|---|

1 Nominal length NL – 28 mm
2 Nominal length NL – 53 mm

### Cutting – DIN-A4 lengthwise



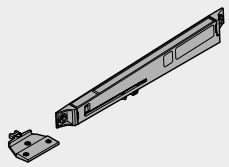

| Nominal length NL min. | 500 mm |
|---|---|

1 Nominal length NL – 28 mm
2 305 mm
3 Nominal length NL – 406 mm
4 Internal cabinet width LW – 82 mm
5 Internal cabinet width LW – 59 mm

**Page instructions**


| | | | |
|---|---|---|---|
| Overview – METABOX | 411 | More technical details | 686 |
| High fronted pull-out – gallery – B | 422 | | |
| Overview – assembly devices | 595 | | |

## BLUMOTION for METABOX 320

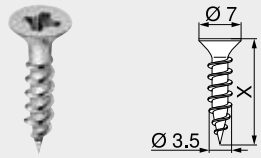


- For single extension
- Dyn. load bearing 25 kg
- Only one BLUMOTION unit required up to cabinet width KB 900 mm
- Material: nylon

**Order information**

| Description | Part no. |
|---|---|
| BLUMOTION for METABOX 320 | Z70.0320 |
| Colour: BLUMOTION: white grey; latch: RAL 9001 cream | |
| Other colours available for latch upon request (white or grey) | |

## Chipboard screws — Ø 3.5 mm

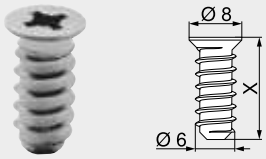



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm

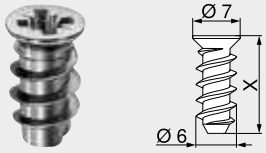



- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Special system screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 11.5 | 662.1150.HG |
| 13.0 | 662.1300.HG |
| 14.5 | 662.1450.HG |

## Centre bit

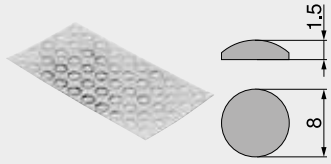


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver

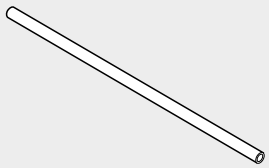


- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## Cross gallery rails for cutting to size



- For cutting to size, 1104 mm
- Suitable for cabinet width KB 1200 mm
- Material: aluminium
- Colour: RAL 9001 cream

**Order information**

| Description | Part no. |
|---|---|
| Cross gallery rails for cutting to size | ZRG.1104U |
| **Cutting** | |
| Internal cabinet width LW – 58 mm | |

## Cross gallery connector



- Cross gallery connector for two cross gallery rails
- Slide-on connection of gallery to gallery fixing
- Insertion and screw-on fixing
- Material: nylon
- Colour: RAL 9001 cream

**Order information**

| Description | Part no. |
|---|---|
| Cross gallery connector | ZRU.00Z0 |

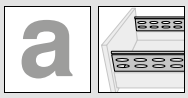
## Lateral divider



- Gallery division
- Clip-on fixing to gallery
- Material: nylon
- Colour: RAL 9001 cream

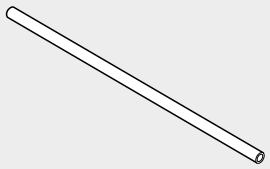
**Order information**

| Description | Part no. |
|---|---|
| Lateral divider | ZRU.00F0 |






## Cross gallery rails for cutting to size



- For cutting to size, 1104 mm
- Suitable for cabinet width KB 1200 mm
- Material: aluminium
- Colour: RAL 9001 cream

**Order information**

| Description | Part no. |
|---|---|
| Cross gallery rails for cutting to size | ZRG.1104U |
| **Cutting** | |
| Internal cabinet width LW – 65 mm | |

## Gallery connector



- Clip-on to gallery
- Connects the cross gallery with BOXSIDE
- Material: nylon/steel
- Colour: RAL 9001 cream

**Order information**

| Description | Part no. |
|---|---|
| Gallery connector | ZRU.10B1E |

## Lateral divider

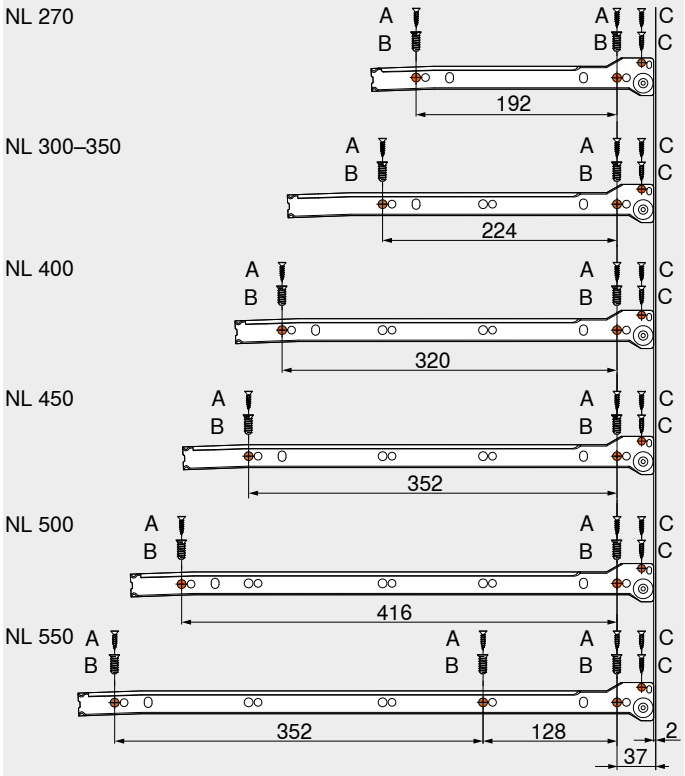


- Gallery division
- Clip-on fixing to gallery
- Material: nylon
- Colour: RAL 9001 cream

**Order information**

| Description | Part no. |
|---|---|
| Lateral divider | ZRU.00F0 |

## Cabinet profile 320 – 25 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| C | Chipboard screws Ø 3.5 x 15 mm for high fronted pull-out |

# Runner systems



4

Smooth running action – for MOVENTO with synchronisation – for wooden pull-outs and drawers. Our runner systems can be used in all areas of the house. They also add value to furniture through extreme ease-of-use.

- BLUMOTION – silent and effortless closing action
- SERVO-DRIVE – electric opening support, combined with BLUMOTION
- TIP-ON BLUMOTION – mechanical opening support, combined with BLUMOTION
- TIP-ON – mechanical opening support, closes with just a light push
- Comprehensive programme for many options
- High stability and excellent sag values
- Quality for the lifetime of the furniture

**MOVENTO**



**The evolution of motion**
MOVENTO offers synchronised smooth running action, 4-dimensional front adjustment, and a dynamic carrying capacity of 40 and 60 kg with high stability and excellent sag values

**TANDEM**



**Smooth. Practical. Versatile.**
TANDEM high ease-of-use in the entire living area. The comprehensive TANDEM programme has the right solution for any piece of furniture

**STANDARD**



**Simple. Proven. Economical.**
STANDARD, proven roller runner and reliable technology. A comprehensive programme is covered by just a few components

## ▶ MOVENTO


Symbolic image

| | |
|---|---|
| ▶ MOVENTO | 436 |
| ▶▶ Overview | 437 |
| ▶▶ Accessories | 444 |
| ▶▶ Cabinet profile fixing positions | 449 |

## ▶ TIP-ON BLUMOTION for MOVENTO


Symbolic image

| | |
|---|---|
| ▶ TIP-ON BLUMOTION for MOVENTO | 452 |
| ▶▶ Overview | 453 |
| ▶▶ Accessories | 444 |
| ▶▶ Cabinet profile fixing positions | 456 |

## ▶ TIP-ON for MOVENTO


Symbolic image

| | |
|---|---|
| ▶ TIP-ON for MOVENTO | 458 |
| ▶▶ Overview | 459 |
| ▶▶ Accessories | 444 |
| ▶▶ Cabinet profile fixing positions | 462 |

## ▶ TANDEM


Symbolic image

| | |
|---|---|
| ▶ TANDEM | 464 |
| ▶▶ Overview | 465 |
| ▶▶ Accessories | 484 |
| ▶▶ Cabinet profile fixing positions | 488 |

## ▶ SERVO-DRIVE for MOVENTO | TANDEM


Symbolic image

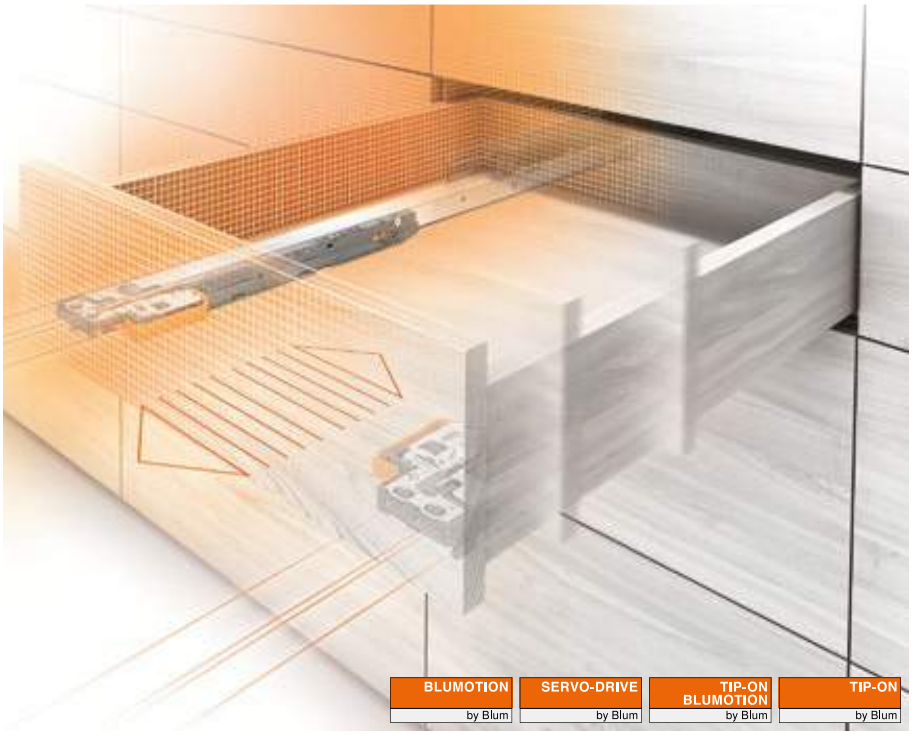
| | |
|---|---|
| ▶ SERVO-DRIVE for MOVENTO \| TANDEM | 490 |
| ▶▶ Overview | 491 |
| ▶▶ Accessories | 522 |

## ▶ STANDARD


Symbolic image

| | |
|---|---|
| ▶ STANDARD | 524 |
| ▶▶ Overview | 525 |
| ▶▶ Accessories | 530 |
| ▶▶ Cabinet profile fixing positions | 534 |

## The evolution of motion




With our **MOVENTO** runner system, we provide you with synchronised smooth running action, four-dimensional front adjustment, and a dynamic carrying capacity of 40 and 60 kg with high stability and excellent sag values.



**Synchronised feather-light glide**
Low-friction nylon rollers in the roller carriage and the synchronisation of the drawer profile and roller carriage ensure synchronised, smooth running action



**4-dimensional adjustment ease**
With MOVENTO the front can now be adjusted to the side and depth along with the height and tilt. Fast, easy and tool-free

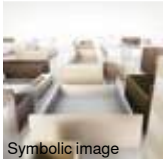


**Carrying capacity and stability**
MOVENTO is available in a 40 kg and a 60 kg load bearing class. MOVENTO impresses with high stability and excellent sag values



**Handle-less options**
Using SERVO-DRIVE, TIP-ON BLUMOTION or TIP-ON – even handle-less options are not a problem for MOVENTO. Furniture opens with just a light touch

## Runner systems

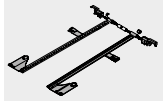

Symbolic image


| | |
|---|---|
| Overview – runner systems | 435 |
| ► TIP-ON BLUMOTION for MOVENTO | 452 |
| ► TIP-ON for MOVENTO | 458 |
| ► TANDEM | 464 |
| ► SERVO-DRIVE for MOVENTO \| TANDEM | 490 |
| ► STANDARD | 524 |


| Applications | BLUMOTION by Blum | SERVO-DRIVE by Blum | TIP-ON BLUMOTION by Blum | TIP-ON by Blum | kg | Webcode | Page |
|---|---|---|---|---|---|---|---|
| **►► Locking device feature – full extension** | | | | | | | |
|  MOVENTO with BLUMOTION – 760H \| 766H | ● | ○ | ○ | – | 40 60 | DQCZ3Y | 438 |
|  MOVENTO with BLUMOTION – 760H – cabinet underside fixing – drawer | ● | ○ | ○ | – | 40 | DQGWJY | 440 |
|  MOVENTO with BLUMOTION – 760H – cabinet underside fixing – Pull-out surround | ● | ○ | ○ | – | 40 | DQGX9A | 442 |

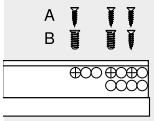
kg Dynamic carrying capacity ● Integrated ○ Optional – Not possible

### ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Depth adjustment | 444 | Lock-open stop | 447 |
| Side stabilisation set | 444 | Screws | 447 |
| Longside gallery rails with back fixing | 445 | Centre bit | 447 |
| Back fixing bracket for pull-out surround | 445 | Door buffer | 448 |
| Corner connectors | 446 | Screwdriver | 448 |
| Gallery rail for pull-out surround corner connectors | 446 | | |

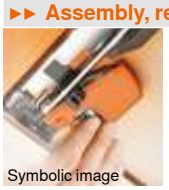

### ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 760H – 40 kg | 449 |
| Cabinet profile 766H – 60 kg | 449 |
| Cabinet profile 760H – 40 kg – cabinet underside fixing | 450 |


### ►► Assembly, removal and adjustment

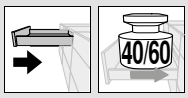

Symbolic image

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a410**

## Pictograph

- Item Available Upon Request
- Accessories
- General Information
- Locking device feature
- Dynamic carrying capacity (kg)
- Planning
- Cutting
- Assembly



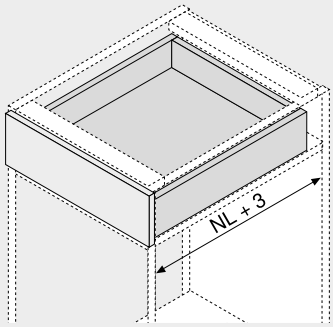

## MOVENTO with BLUMOTION – 760H | 766H

Webcode DQCZ3Y



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**
- Synchronised feather-light glide
- BLUMATIC self closing feature
- Tool-free side, height, and tilt adjustment
- Optional tool-free depth adjustment
- Built-in width and depth tolerance compensation

### Space requirement




NL Nominal length

### Order information

**1 Runners left/right**



**BLUMOTION S**

| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 40 | 60 |
| 250 | 760H2500S | |
| 270 | 760H2700S | |
| 300 | 760H3000S | |
| 320 | 760H3200S | |
| 350 | 760H3500S | |
| 380 | 760H3800S | |
| 400 | 760H4000S | |
| 420 | 760H4200S | |
| 450 | 760H4500S | 766H4500S |
| 480 | 760H4800S | |
| 500 | 760H5000S | 766H5000S |
| 520 | 760H5200S | 766H5200S |
| 550 | 760H5500S | 766H5500S |
| 580 | | 766H5800S |
| 600 | 760H6000S | 766H6000S |
| 650 | | 766H6500S |
| 700 | | 766H7000S |
| 750 | | 766H7500S |

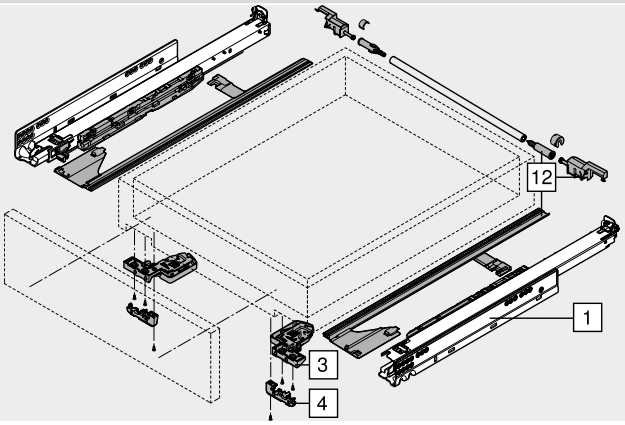
**3 Locking device left/right**



| Material | Colour | Part no. |
|---|---|---|
| Nylon/steel | Orange | T51.7601 |

Order left/right

### Drawer




### a Accessories

**4 Depth adjustment left/right**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7037 dust grey | 298.7600 |

Only for inset applications
SERVO-DRIVE integrated bumper
Suitable for T51.7601 locking device

**12 Side stabilisation set**



| Nominal length NL (mm) | Material | Part no. |
|---|---|---|
| Up to 400 | Nylon | ZS7M400MU |
| Up to 600 | Nylon | ZS7M600MU |
| Up to 750 | Nylon | ZS7M750MU |

Suitable for cabinet width KB 1400 mm
For cutting to size



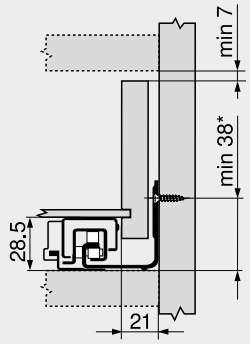



# MOVENTO with BLUMOTION – 760H | 766H

Webcode DQCZ3Y

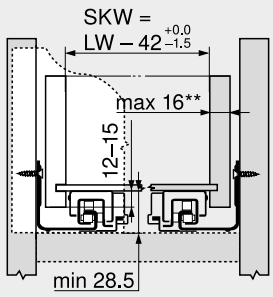
## Planning

### Space requirement in cabinet



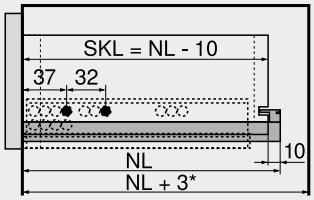

* +1 mm for assembly of the cabinet profile on the horizontal cabinet side

### Drawer | inner drawer



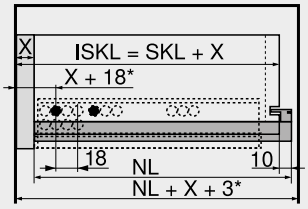

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |
| ** | Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal width of the drawer SKW |

### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |
| * | Additional +12 mm with side stabilisation |

### Inner drawer



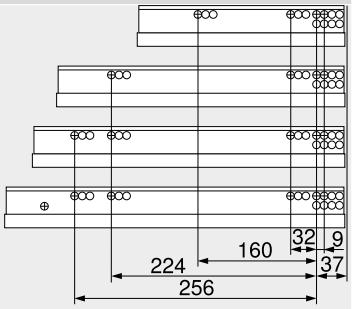

| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |
| * | Additional +3 mm with depth adjustment |

## Screw position – cabinet profiles

**Cabinet profile 760H – 40 kg**

**Nominal length NL (mm)**

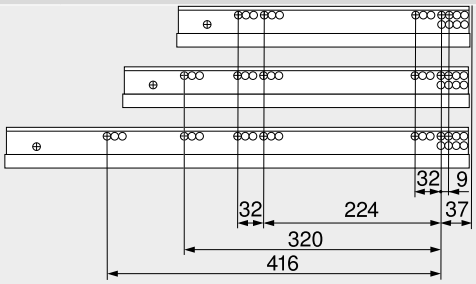
250, 270
300–350
380–520
550, 600



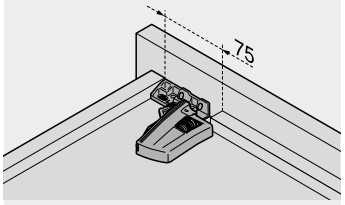

**Cabinet profile 766H – 60 kg**

**Nominal length NL (mm)**

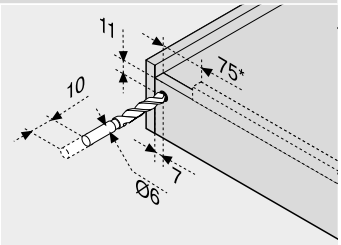
450
500–600
650–750




## Drawer assembly



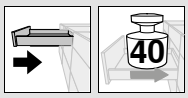

Use drilling template T65.1000.02




* TIP-ON BLUMOTION 125 mm

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – MOVENTO | 437 | Cabinet profile fixing positions | 449 | **Assembly, removal and adjustment** | |
| Overview – TIP-ON BLUMOTION for MOVENTO | 453 | Overview – assembly devices | 595 | | |
| Overview – TIP-ON for MOVENTO | 459 | More technical details | 686 | Short-URL | |
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | | | www.blum.com/a410 | |
| CABLOXX | 586 | | | | |
| Accessories | 444 | | | | |



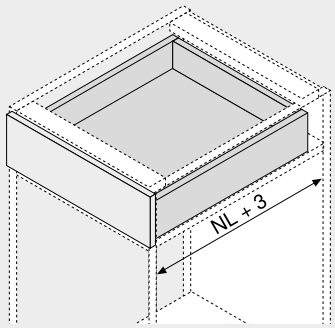

## MOVENTO with BLUMOTION – 760H – cabinet underside fixing – drawer

Webcode DQGWJY



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE**
- Synchronised feather-light glide
- BLUMATIC self closing feature
- Tool-free side, height, and tilt adjustment
- Optional tool-free depth adjustment
- Built-in width and depth tolerance compensation
- For assembly to cabinet base panel | shelf

### Space requirement




NL Nominal length

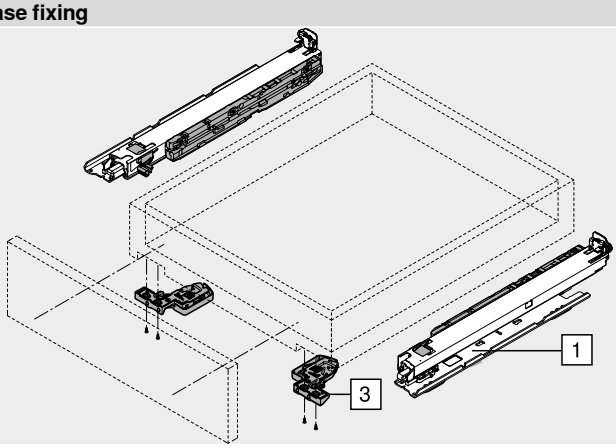
### Order information

| 1 | Runners for base fixing left/right | | |
|---|---|---|---|
| Nominal length | Dynamic carrying capacity (kg) | | |
| NL (mm) | 40 | | |
| 350 | 760H3500SU | | |
| 400 | 760H4000SU | | |
| 450 | 760H4500SU | | |
| 500 | 760H5000SU | | |

| 3 | Locking device left/right | | |
|---|---|---|---|
| | Material | Colour | Part no. |
| | Nylon/steel | Orange | T51.7601 |

Order left/right

### Base fixing





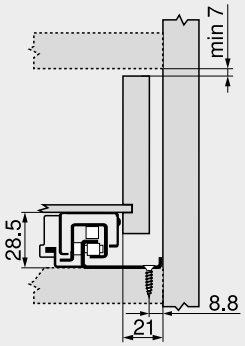



## MOVENTO with BLUMOTION – 760H – cabinet underside fixing – drawer

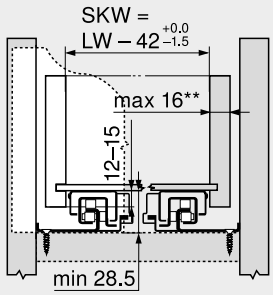
Webcode DQGWJY

### Planning

#### Space requirement in cabinet

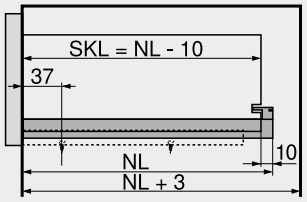



#### Drawer | inner drawer



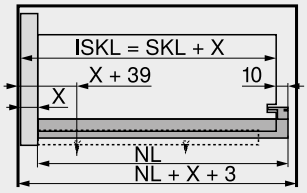

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |
| ** | Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal width of the drawer SKW |

#### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |

#### Inner drawer



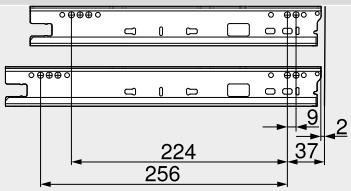

| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |

### Screw position – cabinet profiles

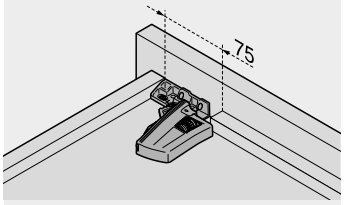
**Nominal length NL (mm)**

350–450

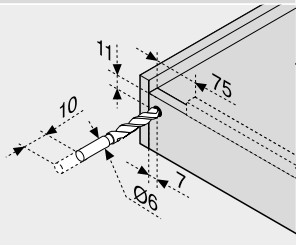
500




### Drawer assembly




Use drilling template T65.1000.02

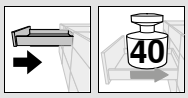



### Page instructions


| | |
|---|---|
| Overview – MOVENTO | 437 |
| Accessories | 444 |
| Cabinet profile fixing positions | 449 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a410



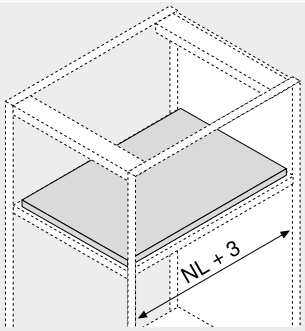

## MOVENTO with BLUMOTION – 760H – cabinet underside fixing – Pull-out surround

Webcode DQGX9A



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE**
- Synchronised feather-light glide
- BLUMATIC self closing feature
- Tool-free side, height, and tilt adjustment
- Optional tool-free depth adjustment
- Built-in width and depth tolerance compensation
- For assembly to cabinet base panel | shelf

### Space requirement




NL Nominal length

### Order information

**1** Runners for base fixing left/right



| Nominal length | Dynamic carrying capacity (kg) | | |
|---|---|---|---|
| NL (mm) | 40 | | |
| 350 | 760H3500SU | | |
| 400 | 760H4000SU | | |
| 450 | 760H4500SU | | |
| 500 | 760H5000SU | | |

**3** Locking device left/right



| Material | Colour | Part no. |
|---|---|---|
| Nylon/steel | Orange | T51.7601 |

Order left/right

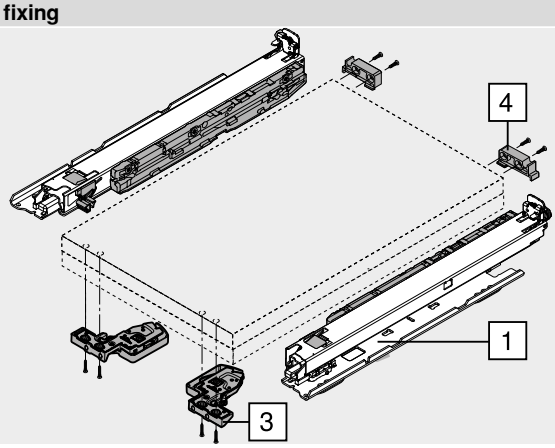
### a Accessories

**4** Back fixing bracket for pull-out surround



| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | T51.7000.01 |

### Base fixing



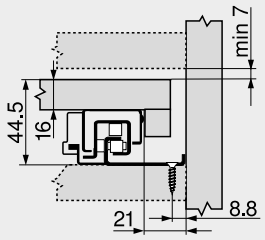



## MOVENTO with BLUMOTION – 760H – cabinet underside fixing – Pull-out surround

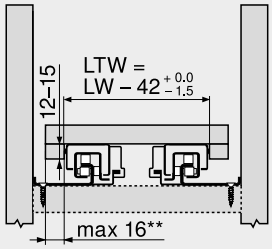
Webcode DQGX9A

### Planning

#### Space requirement in cabinet

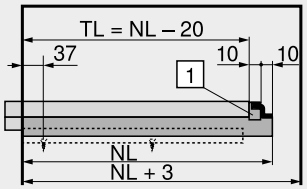



#### Pull-out surround



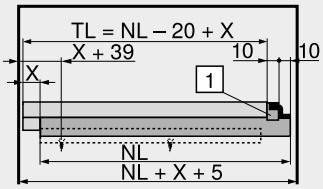

| | |
|---|---|
| LTW | Underside width |
| LW | Internal cabinet width |
| ** | Limited side adjustment for a POS side panel thickness of 16 mm, but with full tolerance utilisation of the underside width LTW |

#### Pull-out surround




| | |
|---|---|
| TL | Shelf length |
| NL | Nominal length |
| 1 | Rear fixing bracket |

#### POS inset application



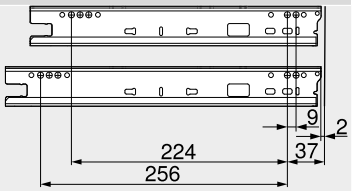

| | |
|---|---|
| TL | Shelf length |
| NL | Nominal length |
| 1 | Rear fixing bracket |

### Screw position – cabinet profiles

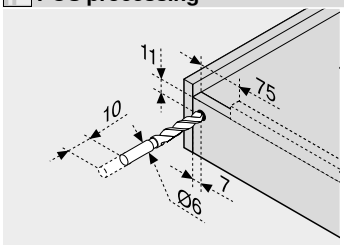
**Nominal length NL (mm)**

350–450

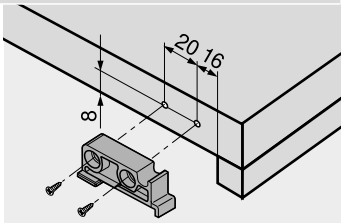
500




### POS processing




Use drilling template T65.1000.02

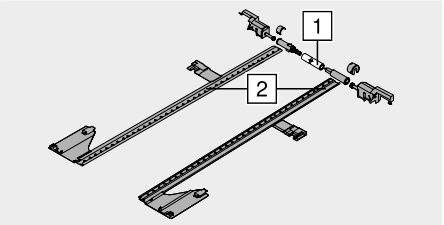



Rear fixing bracket

### Page instructions


| | | | |
|---|---|---|---|
| Overview – MOVENTO | 437 | Assembly, removal and adjustment | |
| Accessories | 444 | | |
| Cabinet profile fixing positions | 449 | | |
| Overview – assembly devices | 595 | Short-URL | |
| More technical details | 686 | www.blum.com/a410 | |

## Side stabilisation set




- For cutting to size
- Suitable for cabinet width KB 1400 mm
- Material: nylon
- Colour: RAL 7037 dust grey
- Compatible with all MOVENTO motion technologies

**Order information**

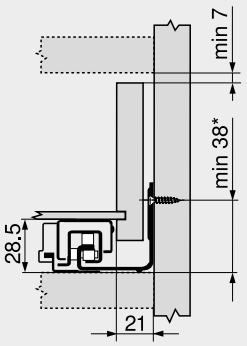
| Nominal length NL (mm) | Part no. |
|---|---|
| Up to 400 | ZS7M400MU |
| Up to 600 | ZS7M600MU |
| Up to 750 | ZS7M750MU |

**Cutting**

| | |
|---|---|
| 1 | Internal cabinet width LW – 315 mm |
| 2 | Nominal length NL + 10 mm |

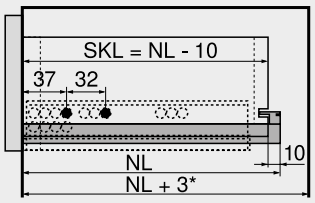
### Planning

**Space requirement in cabinet**



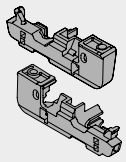

| | |
|---|---|
| * | +1 mm for assembly of the cabinet profile on the horizontal cabinet side |

**Drawer**




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |
| * | Additional +12 mm with side stabilisation |

## Depth adjustment



- Only for inset applications
- Integrated SERVO-DRIVE bumper
- Suitable for T51.7601 locking device
- Left/right
- Material: nylon
- Colour: RAL 7037 dust grey

**Order information**

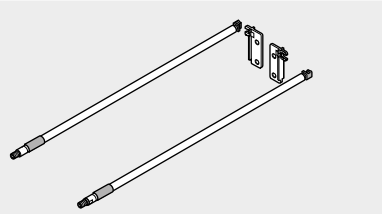
| Description | Part no. |
|---|---|
| Depth adjustment | 298.7600 |

### Assembly

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a410

## Longside gallery rails with back fixing



- Material: aluminium
- Colour: chrome plated

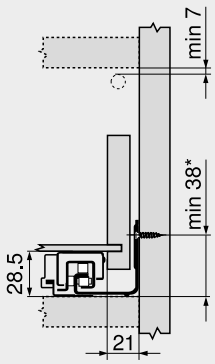
**Order information**

| NL (mm) | Part no. | NL (mm) | Part no. |
|---|---|---|---|
| 400 | ZRE.363A.ID | 550 | ZRE.513A.ID |
| 450 | ZRE.413A.ID | 580 | ZRE.543A.ID |
| 480 | ZRE.443A.ID | 600 | ZRE.563A.ID |
| 500 | ZRE.463A.ID | 650 | ZRE.613A.ID |
| 520 | ZRE.483A.ID | | |

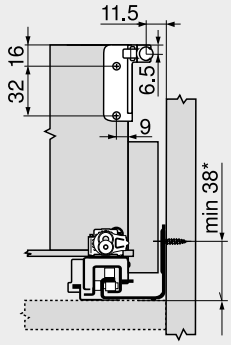
NL Nominal length

### Planning

**Space requirement in cabinet**




* +1 mm for assembly of the cabinet profile on the horizontal cabinet side



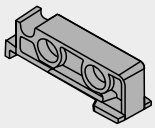

* +1 mm for assembly of the cabinet profile on the horizontal cabinet side

### Assembly

**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a410

## Back fixing bracket for pull-out surround



- Material: nylon
- Colour: natural coloured
- Compatible with MOVENTO | TANDEM

**Order information**

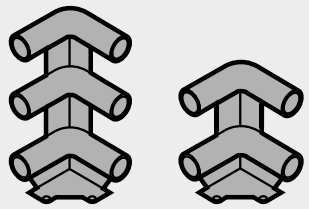
| Description | Part no. |
|---|---|
| Back fixing bracket for pull-out surround | T51.7000.01 |

### Assembly

**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a410

## Corner connectors



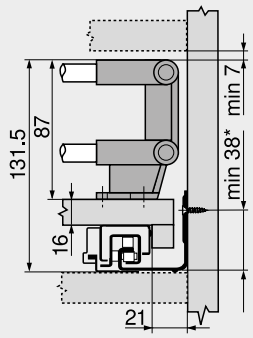
- Material: nylon
- Colour: RAL 7037 dust grey

**Order information**

| Corner connectors | Part no. |
|---|---|
| 2 tier | ZTU.00Z0 |
| 3 tier | ZTU.00D0 |

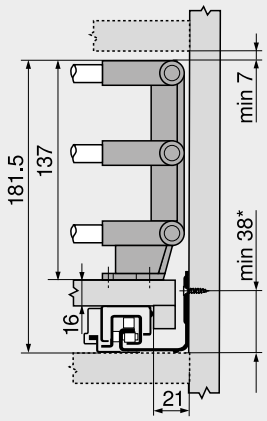
### Planning

**Space requirement in cabinet With 2 tier gallery**



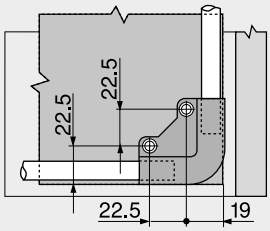

* +1 mm for assembly of the cabinet profile on the horizontal cabinet side

**Space requirement in cabinet With 3 tier gallery**

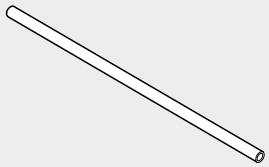



* +1 mm for assembly of the cabinet profile on the horizontal cabinet side

**Installation dimensions – corner connectors**




## Gallery rail for pull-out surround corner connectors

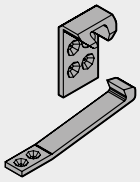


- For cutting to size, 1094 mm
- Suitable for cabinet width KB 1200 mm
- Material: aluminium
- Colour: chrome plated

**Order information**

| Description | Part no. |
|---|---|
| Gallery rail for pull-out surround corner connectors | ZRG.1094U |
| **Cutting** | |
| Cabinet width KB – 106 mm | |
| Nominal length NL – 64 mm | |

## Lock-open stop



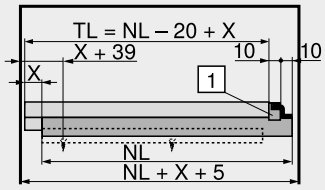
- Material: nylon
- Colour: natural coloured

**Order information**

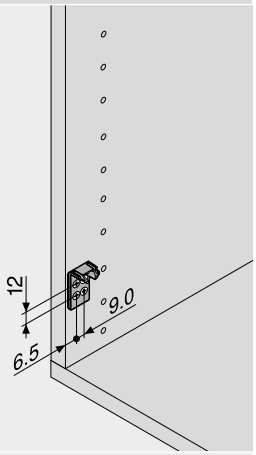
| Description | Part no. |
|---|---|
| Lock-open stop | 295.5600 |

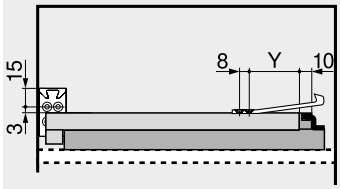
## Planning

### Pull-out surround



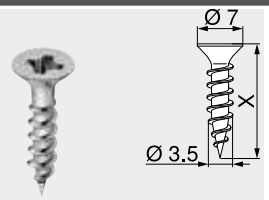

| | |
|---|---|
| TL | Shelf length |
| NL | Nominal length |
| 1 | Rear fixing bracket |




| Nominal length NL (mm) | Y (mm) 760H | 766H |
|---|---|---|
| 250 | 77 | – |
| 270 | 72 | – |
| 300 | 72 | – |
| 320 | 72 | – |
| 350 | 72 | – |
| 380 | 72 | – |
| 400 | 72 | – |
| 420 | 72 | – |
| 450 | 72 | 72 |
| 480 | 72 | – |
| 500 | 72 | 72 |
| 520 | 72 | 72 |
| 550 | 72 | 72 |
| 580 | – | 72 |
| 600 | 72 | 72 |
| 650 | – | 72 |
| 700 | – | 72 |
| 750 | – | 72 |

## Chipboard screws — Ø 3.5 mm

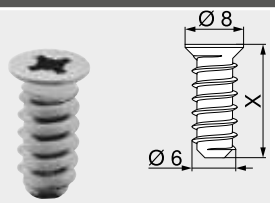



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

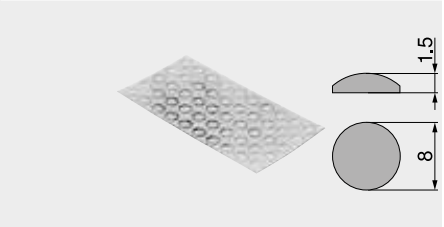


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver



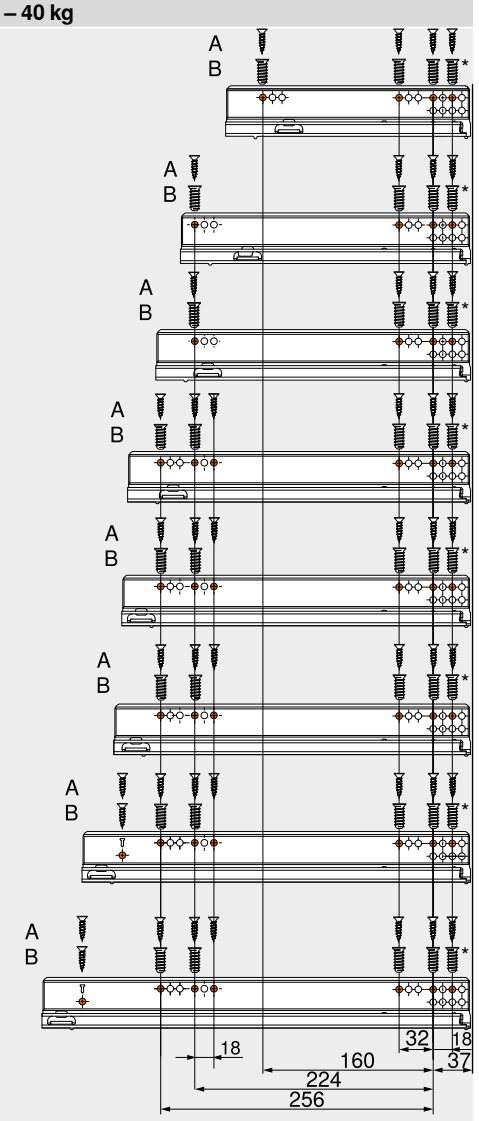
- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

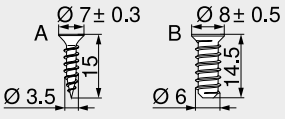
**Order information**

| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

## Cabinet profile 760H – 40 kg

NL 250–270
NL 300–320
NL 350
NL 380–480
NL 500
NL 520
NL 550
NL 600



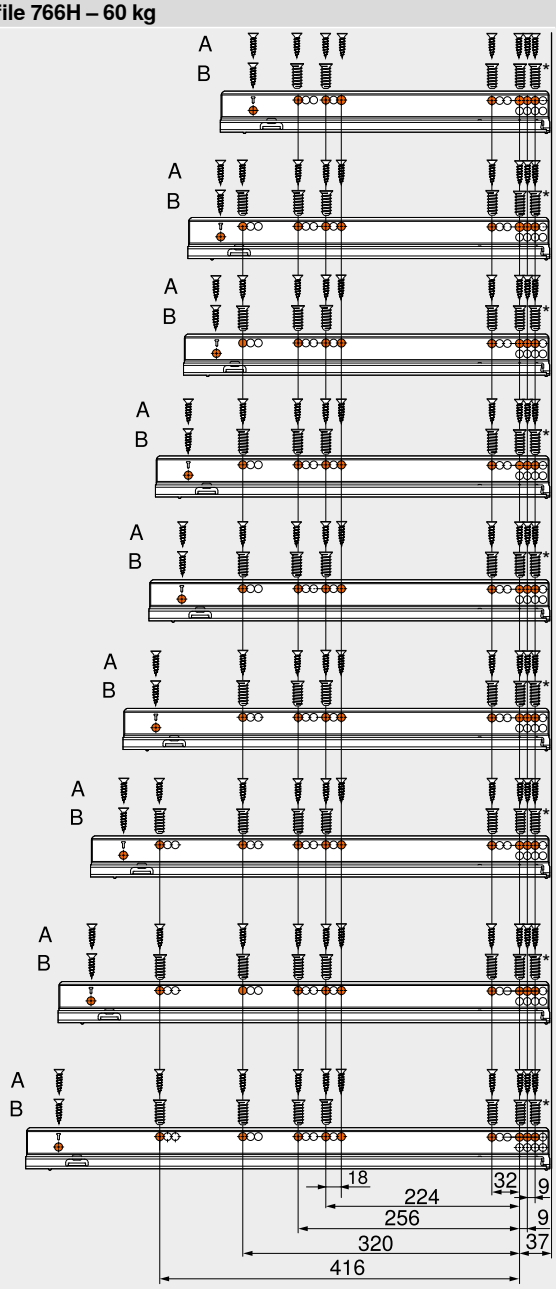



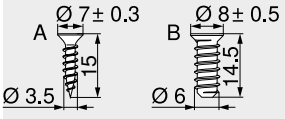

| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500 |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 3.5 x 15 mm |

Extreme back fixing position ensures optimal stability

## Cabinet profile 766H – 60 kg

NL 450
NL 500
NL 520
NL 550
NL 580
NL 600
NL 650
NL 700
NL 750



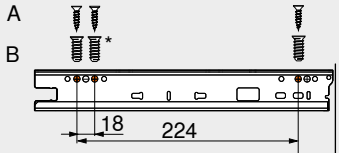




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500 |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 3.5 x 15 mm |

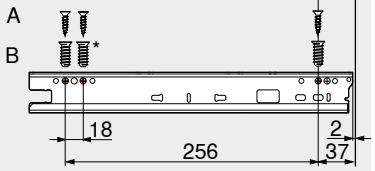
Extreme back fixing position ensures optimal stability

## Cabinet profile 760H – 40 kg – cabinet underside fixing

NL 350–450

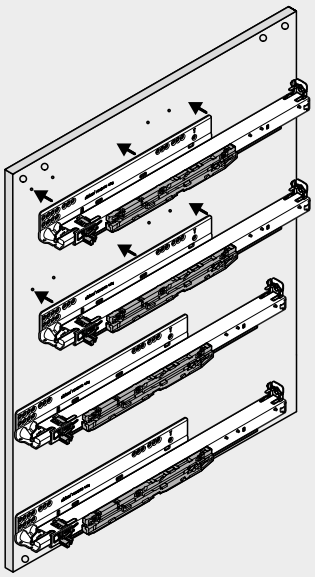


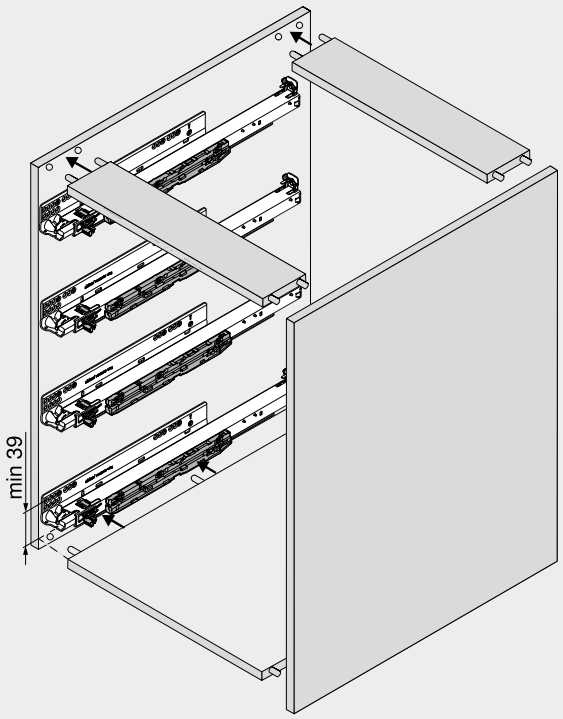

NL 500




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet assembly






If you install runners before cabinet assembly, the fixing position must be increased by at least 1 mm from 38 to at least 39 mm due to tolerances in the runner and cabinet!



## Two functions – fascinatingly combined




TIP-ON BLUMOTION for MOVENTO combines the advantages of the TIP-ON mechanical opening support system with the reliable BLUMOTION dampening for silent and effortless closing – 100% mechanically.

TIP-ON BLUMOTION's extensive trigger range provides inspirational ease of use for handle-less pull-outs and drawers. An optional synchronisation can be used to extend the trigger range even further.







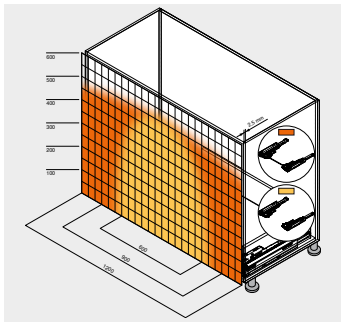
Opens with just a light touch, has a smooth running action and closes silently and effortlessly – experience completely harmonious and convenient motion with TIP-ON BLUMOTION technology



The motion is assisted 100% mechanically



**Small front gap**
TIP-ON BLUMOTION can be adjusted to have a small front gap of 2.5 mm



**Extensive trigger range**
An optional synchronisation can be used to extend the trigger range even further

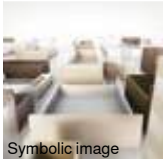


**Four-dimensional adjustment**
The four-dimensional adjustment ensures a precise gap layout. Depth adjustment is integrated and tool-free – simply turn the adjustment wheel



**Simple, tool-free assembly**
The TIP-ON BLUMOTION unit can be assembled tool-free, as can all the other components

## Runner systems

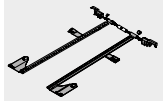

Symbolic image


| | |
|---|---|
| Overview – runner systems | 435 |
| ► MOVENTO | 436 |
| ► TIP-ON for MOVENTO | 458 |
| ► SERVO-DRIVE for MOVENTO \| TANDEM | 490 |


| Applications | kg | Webcode | Page |
|---|---|---|---|
| **►► Locking device feature – full extension** | | | |
| MOVENTO with TIP-ON BLUMOTION – 760H \| 766H | 40 60 | DQD0IM | 454 |

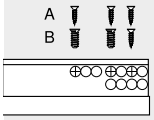
kg Dynamic carrying capacity

### ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Depth adjustment | 444 | Lock-open stop | 447 |
| Side stabilisation set | 444 | Screws | 447 |
| Longside gallery rails with back fixing | 445 | Centre bit | 447 |
| Back fixing bracket for pull-out surround | 445 | Door buffer | 448 |
| Corner connectors | 446 | Screwdriver | 448 |
| Gallery rail for pull-out surround corner connectors | 446 | | |


### ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 760H – 40 kg | 456 |
| Cabinet profile 766H – 60 kg | 456 |


### ►► Assembly, removal and adjustment


Symbolic image

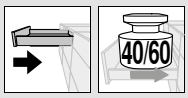
**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a460**

## Pictograph

| | |
|---|---|
| Item Available Upon Request | Cutting |
| Accessories | Assembly |
| General Information | |
| Locking device feature | |
| Dynamic carrying capacity (kg) | |
| Planning | |

# ► TIP-ON BLUMOTION for MOVENTO
## ►► Locking device feature – full extension



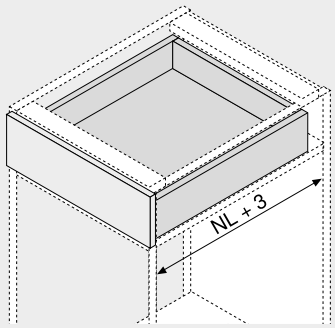

## MOVENTO with TIP-ON BLUMOTION – 760H | 766H

Webcode DQD0IM



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **TIP-ON BLUMOTION** or **SERVO-DRIVE**
- Synchronised feather-light glide
- Tool-free side, height, and tilt adjustment
- Integrated tool-free depth adjustment
- Built-in width and depth tolerance compensation
- Compatible with the side stabilisation for MOVENTO
- Synchronisation for internal cabinet widths LW of 265 mm and wider

### Space requirement




NL Nominal length

### Order information

**1 Runners left/right**



**BLUMOTION S**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 60 |
|---|---|---|
| 270 | 760H2700S | |
| 300 | 760H3000S | |
| 320 | 760H3200S | |
| 350 | 760H3500S | |
| 380 | 760H3800S | |
| 400 | 760H4000S | |
| 420 | 760H4200S | |
| 450 | 760H4500S | 766H4500S |
| 480 | 760H4800S | |
| 500 | 760H5000S | 766H5000S |
| 520 | 760H5200S | 766H5200S |
| 550 | 760H5500S | 766H5500S |
| 580 | | 766H5800S |
| 600 | 760H6000S | 766H6000S |
| 650 | | 766H6500S |
| 700 | | 766H7000S |
| 750 | | 766H7500S |

**3 Locking device left/right**



| Material | Colour | Part no. |
|---|---|---|
| Nylon/steel | Orange | T51.7601 |

Order left/right

**6 TIP-ON BLUMOTION set**



| Nominal length NL (mm) | Unit | Cabinet profile (kg) | Weight [1] (kg) | Part no. |
|---|---|---|---|---|
| 270–320 | S0 | 40 | ≤ 10 | T60L7040 |
| 270–320 | S1 | 40 | > 10–20 | T60L7140 |
| 350–600 | L1 | 40 | ≤ 20 | T60L7340 |
| 350–600 | L3 | 40 | 15–40 | T60L7540 |
| 450–750 | L5 | 60 | 35–60 | T60L7570 |

**Composed of:**

| | | |
|---|---|---|
| **6a** | 1 x | TIP-ON BLUMOTION unit left/right |
| **6b** | 1 x | TIP-ON BLUMOTION latch left/right |
| **6c** | 2 x | TIP-ON BLUMOTION synchronisation adapter Internal cabinet width LW ≥ 314 mm |

[1] Recommended weight ranges (total weight of the pull-out) for an optimum opening and closing function

**6d TIP-ON BLUMOTION synchronisation linkage**

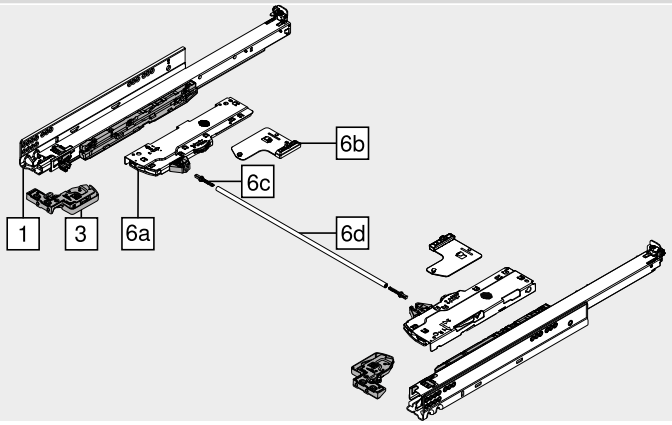


| Version | Colour | Part no. |
|---|---|---|
| Round | Grey | T60.1125W |

For cutting to size

**Cutting** Internal cabinet width LW – 267 mm

### Drawer




**Internal cabinet width LW 265–313 mm**

**6e TIP-ON BLUMOTION synchronisation**



| Version | Colour | Part no. |
|---|---|---|
| Square | RAL 7035 light grey | T60.300D |

For cutting to size

**Cutting** Internal cabinet width LW – 241 mm

### a Accessories

**Internal cabinet width LW ≥ 314 mm**

**6c TIP-ON BLUMOTION synchronisation adapter**



| Version | Colour | Part no. |
|---|---|---|
| Symmetrical | RAL 7035 light grey | T60.000D |

Order 2x

**– Front gap template for TIP-ON BLUMOTION**



| Front gap FS (mm) | Colour | Part no. |
|---|---|---|
| 2.5 | Orange | 65.5631 |

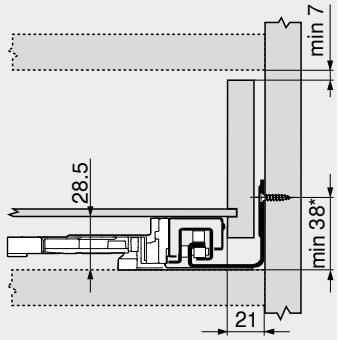



# MOVENTO with TIP-ON BLUMOTION – 760H | 766H

Webcode
DQD0IM

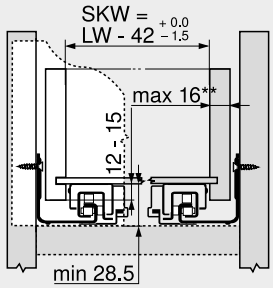
## Planning

### Space requirement in cabinet



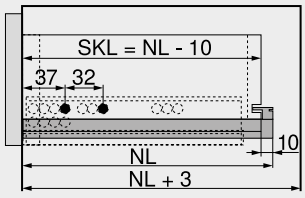

* +1 mm for assembly of the cabinet profile on the horizontal cabinet side

### Drawer | inner drawer



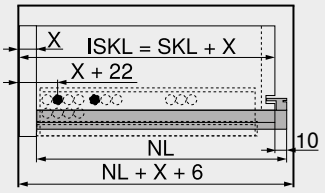

SKW Internal drawer width
LW Internal cabinet width
** Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal width of the drawer SKW

### Drawer




SKL Drawer length
NL Nominal length

### Inner drawer



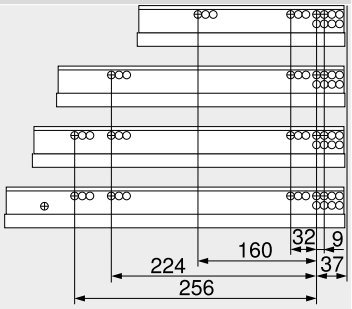

ISKL Inner drawer length
SKL Drawer length
NL Nominal length
X Front thickness

## Screw position – cabinet profiles

**Cabinet profile 760H – 40 kg**

**Nominal length NL (mm)**

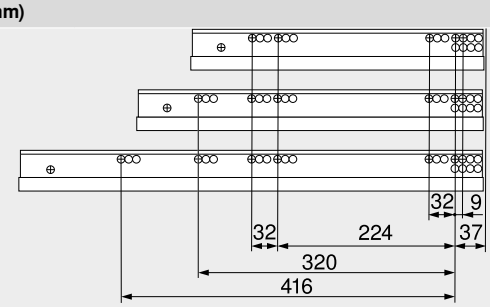
270
300–350
380–520
550, 600



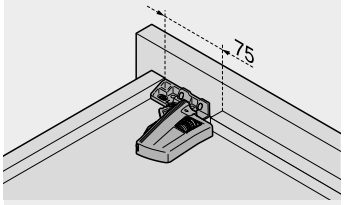

**Cabinet profile 766H – 60 kg**

**Nominal length NL (mm)**

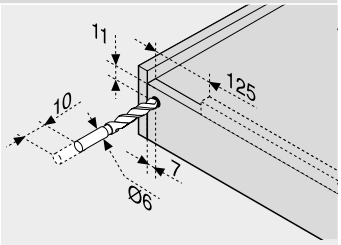
450
500–600
650–750



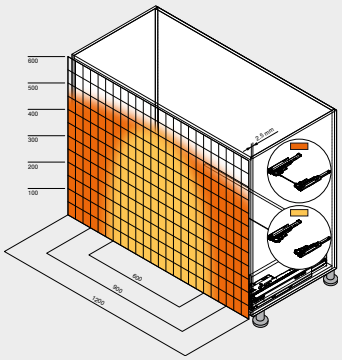

## Drawer assembly




Use drilling template T65.1000.02




## Trigger range



Example for 760H, nominal length NL 500 mm, four-sided drawer, with and without synchronisation

## Page instructions

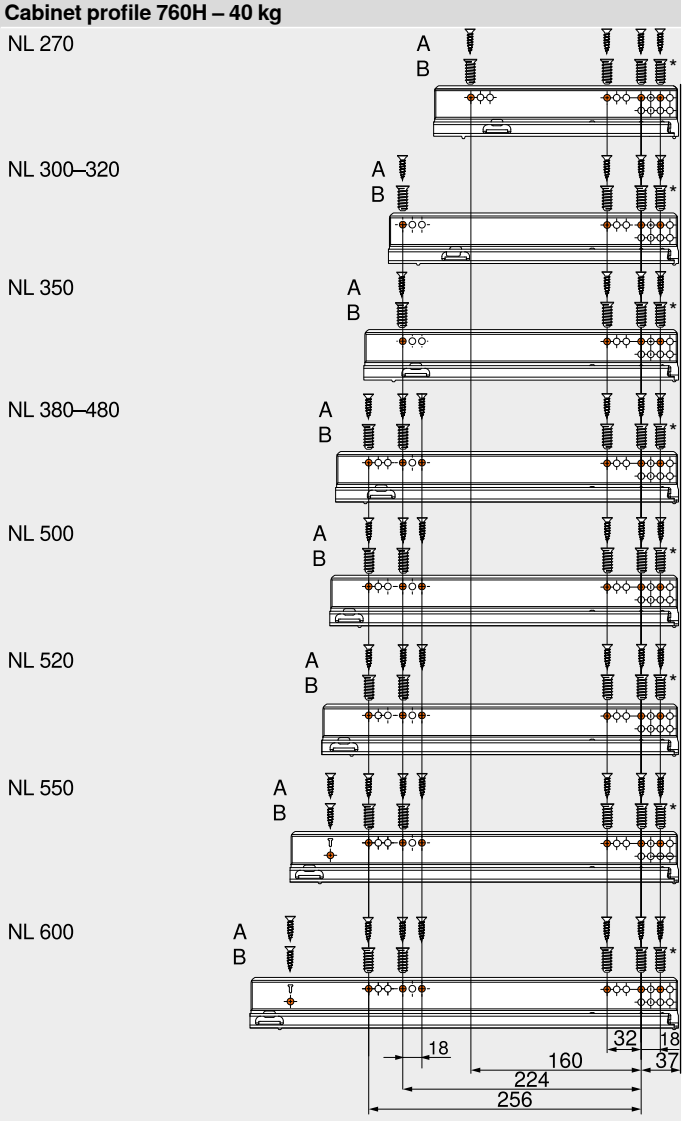

| | | | | | |
|---|---|---|---|---|---|
| Overview – TIP-ON BLUMOTION for MOVENTO | 453 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TIP-ON for MOVENTO | 459 | | | | |
| CABLOXX | 586 | | | | |
| Accessories | 444 | | | | |
| Cabinet profile fixing positions | 456 | | | | |
| Overview – assembly devices | 595 | | | | |

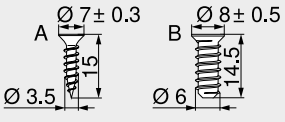

Short-URL
www.blum.com/a460

► TIP-ON BLUMOTION for MOVENTO
►► Cabinet profile fixing positions



## Cabinet profile 760H – 40 kg

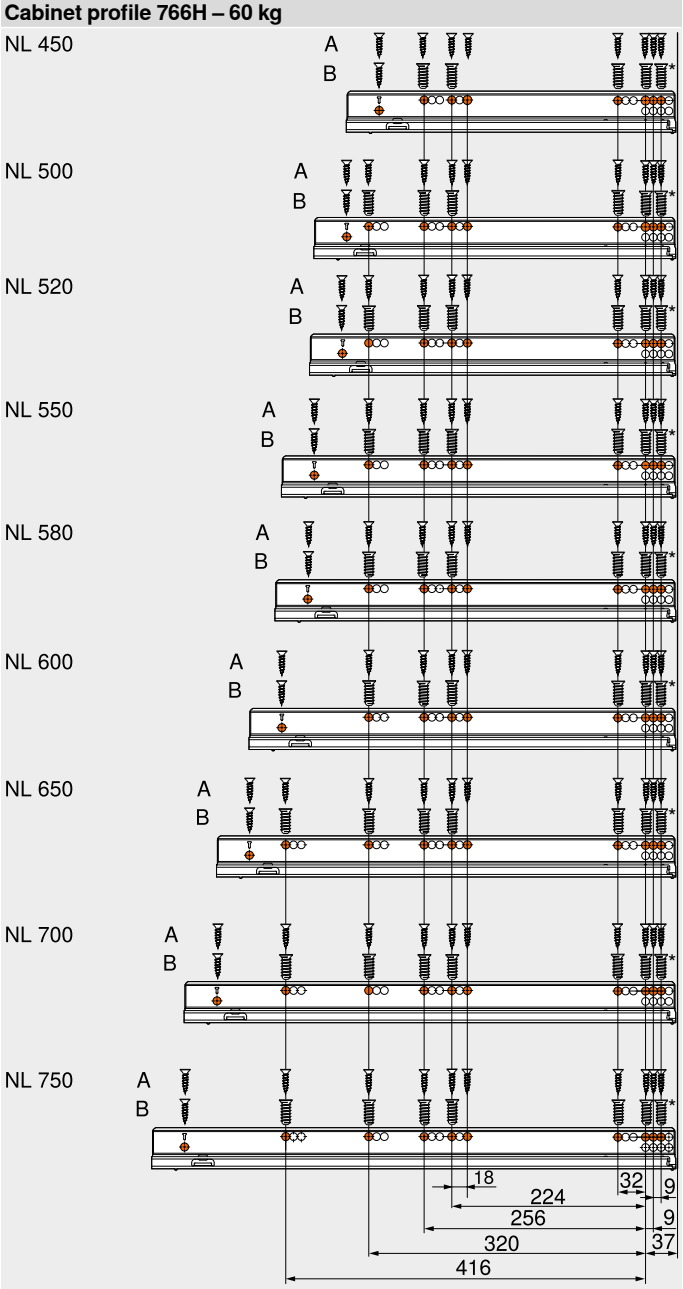


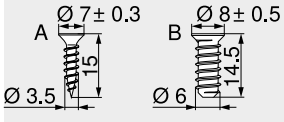




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500 |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 3.5 x 15 mm |

Extreme back fixing position ensures optimal stability

## Cabinet profile 766H – 60 kg



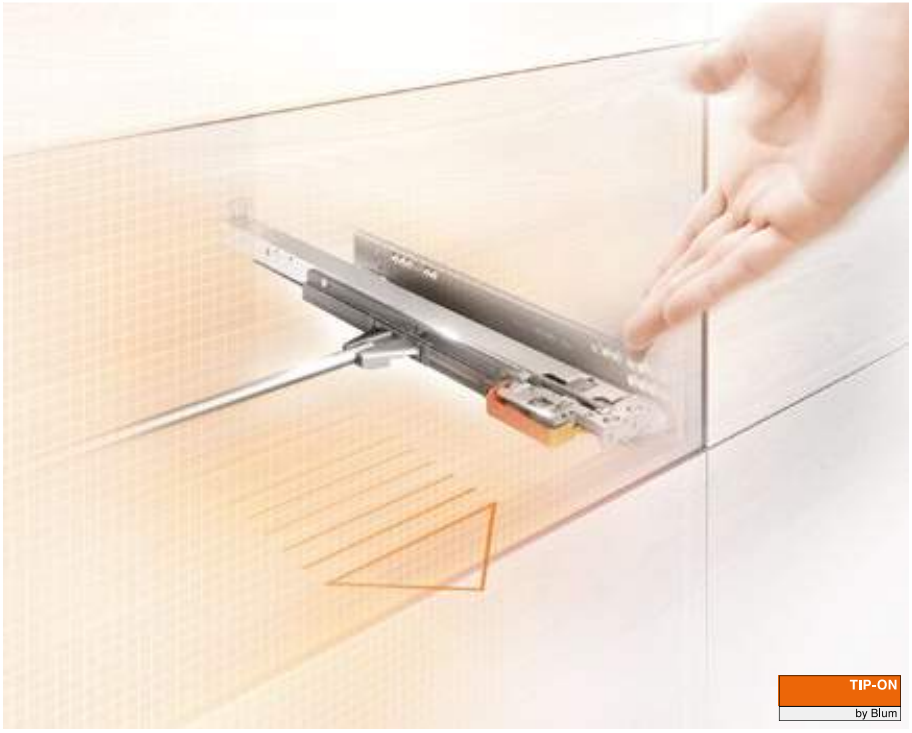




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500 |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 3.5 x 15 mm |

Extreme back fixing position ensures optimal stability



## Easy to open – with just a touch




### Reliable handle-less opening

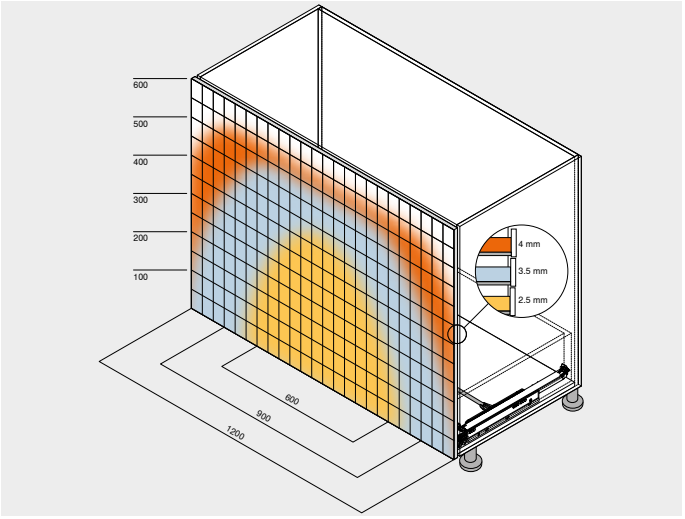
Handle-less fronts are playing a greater and greater role in modern furniture design. With TIP-ON for MOVENTO – the mechanical opening support system from Blum – handle-less drawers and pull-outs open with just a touch. To close, simply press shut.

### Multitude of applications

The TIP-ON runner can be used for all standard applications, from standard cabinets to special solutions such as the Blum sink pull-out.

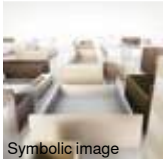


The TIP-ON function is integrated into the cabinet profile. For straightforward installation and ease of use




The optional synchronisation ensures secure opening and closing even for wide fronts

## Runner systems

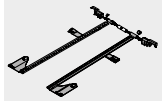

Symbolic image


| | |
|---|---|
| Overview – runner systems | 435 |
| ► MOVENTO | 436 |
| ► TIP-ON BLUMOTION for MOVENTO | 452 |
| ► SERVO-DRIVE for MOVENTO \| TANDEM | 490 |


| Applications | kg | Webcode | Page |
|---|---|---|---|
| **►► Locking device feature – full extension** | | | |
| MOVENTO with TIP-ON – 760H \| 766H | 40 60 | DQCZTA | 460 |

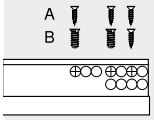
kg Dynamic carrying capacity

### ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Depth adjustment | 444 | Lock-open stop | 447 |
| Side stabilisation set | 444 | Screws | 447 |
| Longside gallery rails with back fixing | 445 | Centre bit | 447 |
| Back fixing bracket for pull-out surround | 445 | Door buffer | 448 |
| Corner connectors | 446 | Screwdriver | 448 |
| Gallery rail for pull-out surround corner connectors | 446 | | |


### ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 760H – 40 kg | 462 |
| Cabinet profile 766H – 60 kg | 462 |


### ►► Assembly, removal and adjustment


Symbolic image

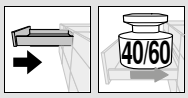
**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a430**

## Pictograph

| | |
|---|---|
| Item Available Upon Request | Cutting |
| Accessories | Assembly |
| General Information | |
| Locking device feature | |
| Dynamic carrying capacity (kg) | |
| Planning | |

# ► TIP-ON for MOVENTO
## ►► Locking device feature – full extension



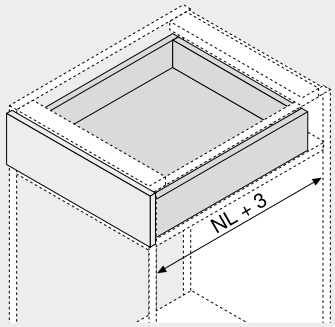

## MOVENTO with TIP-ON – 760H | 766H

Webcode DQCZTA



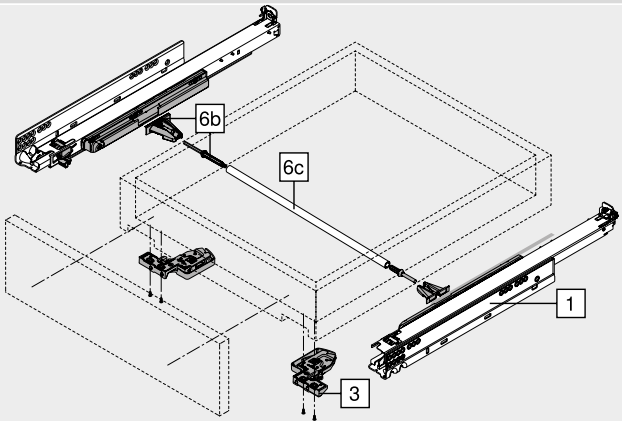
- Concealed full extension with integrated **TIP-ON**, the mechanical opening support system
- Synchronised feather-light glide
- Tool-free side, height, and tilt adjustment
- Integrated tool-free depth adjustment
- Built-in width and depth tolerance compensation
- Compatible with the side stabilisation for MOVENTO
- Optional TIP-ON synchronisation for secure triggering even with wide fronts

### Space requirement




NL Nominal length

### Drawer




### Order information

**1 Runners left/right**



| Nominal length NL (mm) | Dynamic carrying capacity (kg) 40 | 60 |
|---|---|---|
| 250 | 760H2500T | |
| 270 | 760H2700T | |
| 300 | 760H3000T | |
| 320 | 760H3200T | |
| 350 | 760H3500T | |
| 380 | 760H3800T | |
| 400 | 760H4000T | |
| 420 | 760H4200T | |
| 450 | 760H4500T | 766H4500T |
| 480 | 760H4800T | |
| 500 | 760H5000T | 766H5000T |
| 520 | 760H5200T | 766H5200T |
| 550 | 760H5500T | 766H5500T |
| 580 | | 766H5800T |
| 600 | 760H6000T | 766H6000T |
| 650 | | 766H6500T |
| 700 | | 766H7000T |
| 750 | | 766H7500T |

The output path can vary depending on the load or the adjustment!

**3 Locking device left/right**



| Material | Colour | Part no. |
|---|---|---|
| Nylon/steel | Orange | T51.7601 |

Order left/right

### a Accessories

**6b TIP-ON synchronisation pinion set**



| Version | Colour | Part no. |
|---|---|---|
| Round | RAL 7037 dust grey | T57.7400.01 |

**Composed of:**
- 1 x Locking device
- 1 x Overload locking device
- 2 x Attachment

**6c TIP-ON synchronisation linkage**



| Version | Material | Part no. |
|---|---|---|
| Round | Aluminium | ZST.1160W |

For cutting to size

**Cutting** Internal cabinet width LW – 249 mm

**12 Side stabilisation set**



| Nominal length NL (mm) | Material | Part no. |
|---|---|---|
| Up to 400 | Nylon | ZS7M400MU |
| Up to 600 | Nylon | ZS7M600MU |
| Up to 750 | Nylon | ZS7M750MU |

Suitable for cabinet width KB 1400 mm
For cutting to size

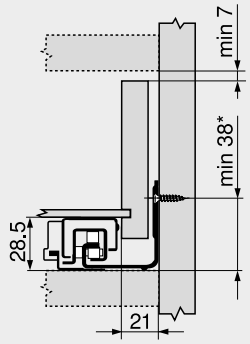



# MOVENTO with TIP-ON – 760H | 766H

Webcode
DQCZTA

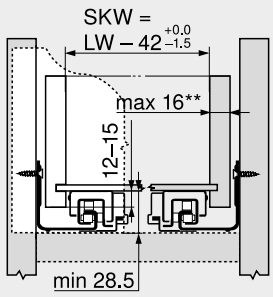
## Planning

### Space requirement in cabinet



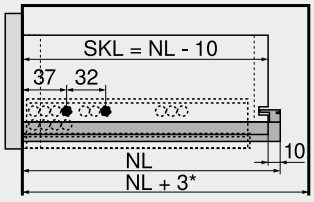

* +1 mm for assembly of the cabinet profile on the horizontal cabinet side

### Drawer | inner drawer



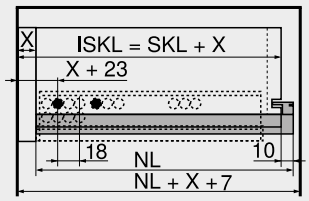

SKW Internal drawer width
LW Internal cabinet width
** Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal width of the drawer SKW

### Drawer




SKL Drawer length
NL Nominal length
* Additional +12 mm with side stabilisation

### Inner drawer



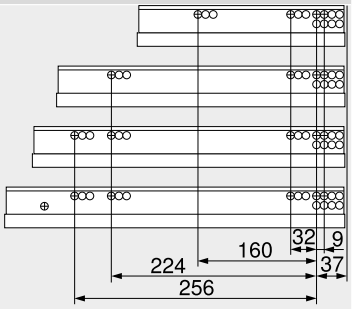

ISKL Inner drawer length
SKL Drawer length
NL Nominal length
X Front thickness

## Screw position – cabinet profiles

**Cabinet profile 760H – 40 kg**

**Nominal length NL (mm)**

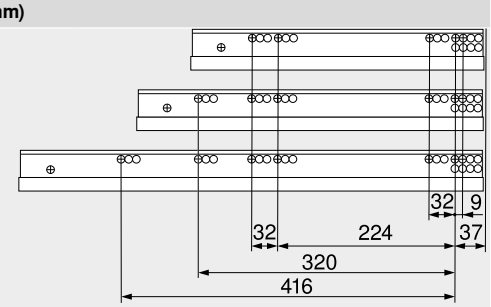
250, 270
300–350
380–520
550, 600



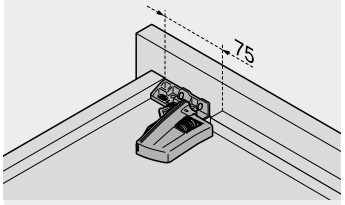

**Cabinet profile 766H – 60 kg**

**Nominal length NL (mm)**

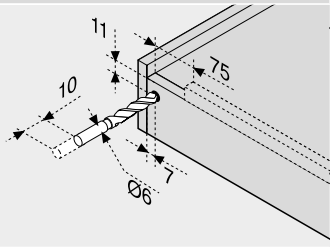
450
500–600
650–750



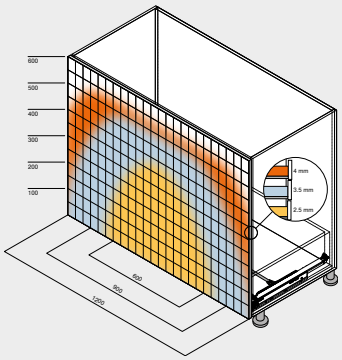

## Drawer assembly




Use drilling template T65.1000.02




## Trigger range



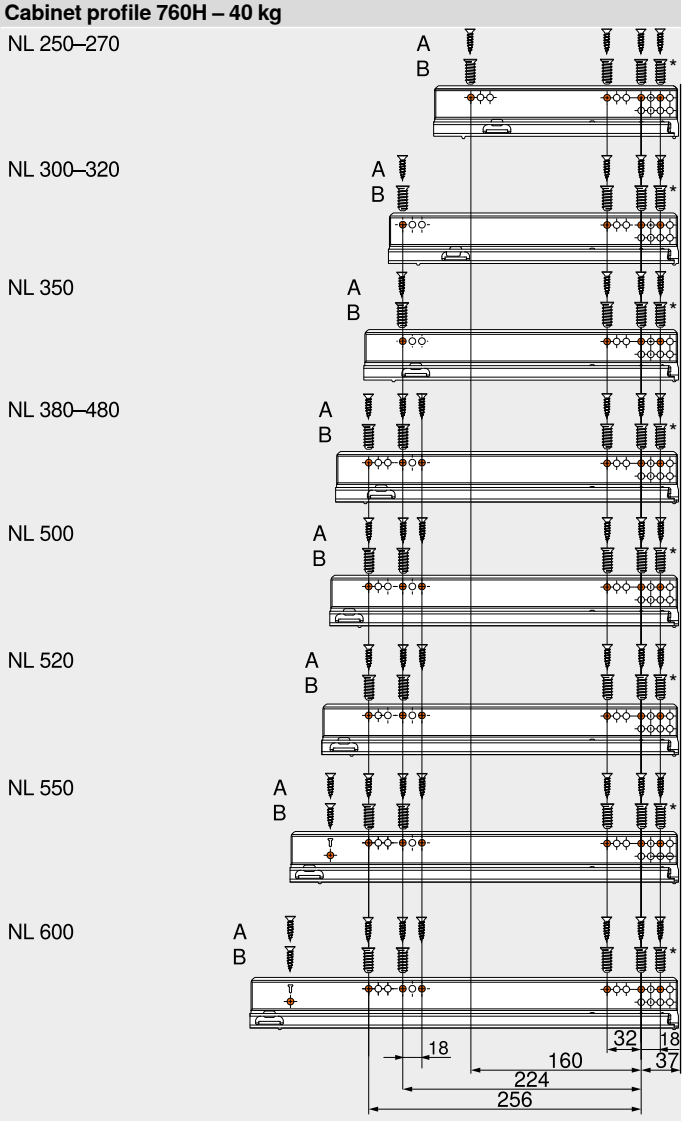
Example for 760H, nominal length NL 500 mm, four-sided drawer, with and without synchronisation

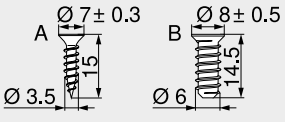
## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – TIP-ON for MOVENTO | 459 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TIP-ON BLUMOTION for MOVENTO | 453 | | | | |
| CABLOXX | 586 | | | | |
| Accessories | 444 | | | | |
| Cabinet profile fixing positions | 462 | | | | |
| Overview – assembly devices | 595 | | | | |


Short-URL
www.blum.com/a430

## Cabinet profile 760H – 40 kg

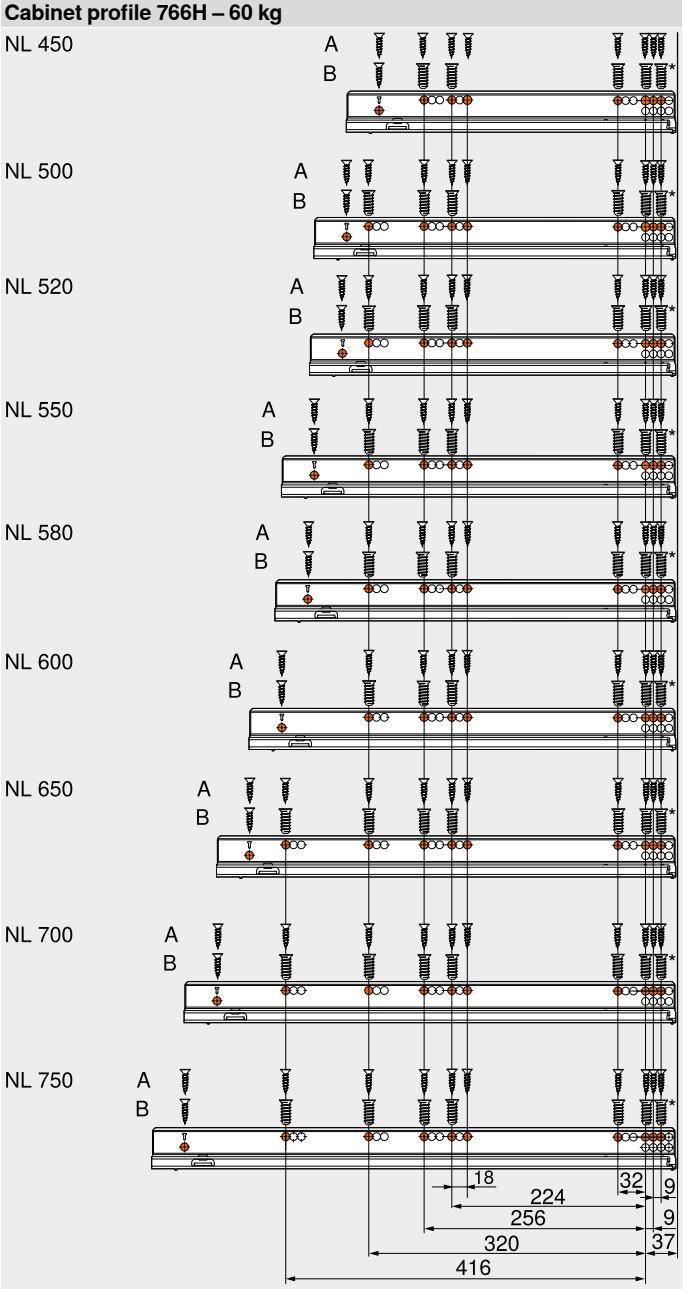


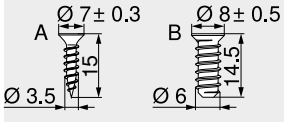




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500 |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 3.5 x 15 mm |

Extreme back fixing position ensures optimal stability

## Cabinet profile 766H – 60 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500 |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 3.5 x 15 mm |

Extreme back fixing position ensures optimal stability



## Smooth. Practical. Versatile.




Smooth running action for wooden pull-outs and drawers and for every room in the house: Made possible by the TANDEM runner system. Because the comprehensive TANDEM programme has the right solution for any piece of furniture.



**Variety**
A wide range of nominal lengths, carrying capacity classes of 30 and 50 kg and single as well as full extensions. This variety offers the right solution for any room



**TANDEM smooth running action**
Smooth running action, dampened rail transitions and low-friction cylindrical nylon roller runners. This is the quality recognised all over the world



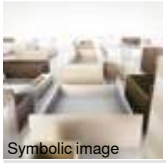
**Stability**
Excellent sag values enable you to use pull-outs near to the floor. The optional side stabilisation ensures stable parallel running action even for extra-wide pull-outs





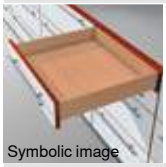
**Locking device and hook and peg feature**
The locking device feature ensures easy insertion and removal. The hook and peg feature also makes assembly fast and easy

## Runner systems


Symbolic image

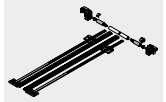

| | |
|---|---|
| Overview – runner systems | 435 |
| ► MOVENTO | 436 |
| ► SERVO-DRIVE for MOVENTO \| TANDEM | 490 |
| ► STANDARD | 524 |


## ►► Overview


Symbolic image

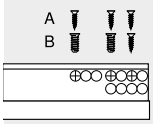

| | |
|---|---|
| ►► Overview – runners | 466 |


## ►► Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Side stabilisation set | 484 | Door buffer | 487 |
| Longside gallery rails with back fixing | 485 | Screwdriver | 487 |
| Front adjuster | 485 | | |
| POSISTOP | 486 | | |
| Screws | 486 | | |
| Centre bit | 486 | | |

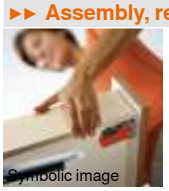

## ►► Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 560H – 30 kg | 488 |
| Cabinet profile 566H – 50 kg | 489 |
| Cabinet profile 550H – 30 kg | 489 |
| Cabinet profile 561H – 30 kg | 488 |
| Cabinet profile 551H – 30 kg | 489 |


## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

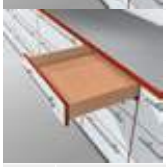
**Short-URL**
**www.blum.com/a420**



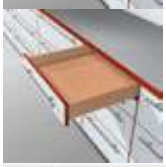
## Pictograph

| | | | |
|---|---|---|---|
| Item Available Upon Request | | Planning | |
| Accessories | | Cutting | |
| General Information | | Assembly | |
| Locking device feature | | | |
| Hook & peg variant | | | |
| Dynamic carrying capacity (kg) | | | |

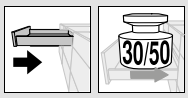
# ► TANDEM
## ►► Overview – runners

| Applications | BLUMOTION by Blum | SERVO-DRIVE by Blum | TIP-ON BLUMOTION by Blum | TIP-ON by Blum | kg | Webcode | Page |
|---|---|---|---|---|---|---|---|
| **►► Locking device feature – full extension** | | | | | | | |
|  TANDEM plus BLUMOTION – 560H \| 566H | ● | ○ | – | – | 30 50 | DQD1XA | 468 |
|  TANDEM plus – 560H \| 566H | – | – | – | ○ | 30 50 | DQD2MM | 470 |
| **►► Locking device feature – single extension** | | | | | | | |
|  TANDEM BLUMOTION – 550H | ● | ○ | – | – | 30 | DQD3BY | 472 |
|  TANDEM – 550H | – | – | – | ○ | 30 | DQD41A | 474 |

kg Dynamic carrying capacity ● Integrated ○ Optional – Not possible

| Applications | BLUMOTION by Blum | SERVO-DRIVE by Blum | TIP-ON BLUMOTION by Blum | TIP-ON by Blum | kg | Webcode | Page |
|---|---|---|---|---|---|---|---|
| **▸▸ Hook & peg variant – full extension** | | | | | | | |
|  TANDEM plus BLUMOTION – 561H | ● | ○ | – | – | 30 | DQD4QM | 476 |
|  TANDEM plus – 561H | – | – | – | ○ | 30 | DQD5FY | 478 |
| **▸▸ Hook & peg variant – single extension** | | | | | | | |
|  TANDEM BLUMOTION – 551H | ● | ○ | – | – | 30 | DQD65A | 480 |
|  TANDEM – 551H | – | – | – | ○ | 30 | DQD6UM | 482 |

kg Dynamic carrying capacity ● Integrated ○ Optional – Not possible



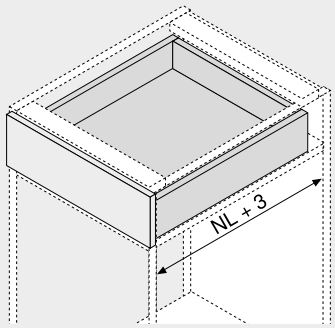

## TANDEM plus BLUMOTION – 560H | 566H

Webcode DQD1XA



- Concealed TANDEM full extension with integrated **BLUMOTION** for silent and effortless closing action
- Suitable for use with SERVO-DRIVE – the electrical opening support system
- Tool-free height adjustment via a locking device
- Tool-free integrated front tilt adjustment
- Built-in width and depth tolerance compensation
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement




NL Nominal length

### Order information

**1 Runners left/right**



| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 50 |
|---|---|---|
| 250 | 560H2500B | |
| 270 | 560H2700B | |
| 300 | 560H3000B | |
| 320 | 560H3200B | |
| 350 | 560H3500B | |
| 380 | 560H3800B | |
| 400 | 560H4000B | |
| 420 | 560H4200B | |
| 450 | 560H4500B | 566H4500B01 |
| 480 | 560H4800B | |
| 500 | 560H5000B | 566H5000B01 |
| 520 | 560H5200B | 566H5200B01 |
| 550 | 560H5500B | 566H5500B01 |
| 580 | | 566H5800B01 |
| 600 | 560H6000B | 566H6000B01 |
| 650 | | 566H6500B01 |
| 700 | | 566H7000B01 |
| 750 | | 566H7500B01 |

**3 Locking device left/right**



| Material | Colour | Part no. |
|---|---|---|
| Nylon/zinc | Orange | T51.1700.04 |

Order left/right

### a Accessories

**4 Front adjuster**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | 295.1000 |

**5 POSISTOP**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7037 dust grey | 298.5500 |

Depth stop

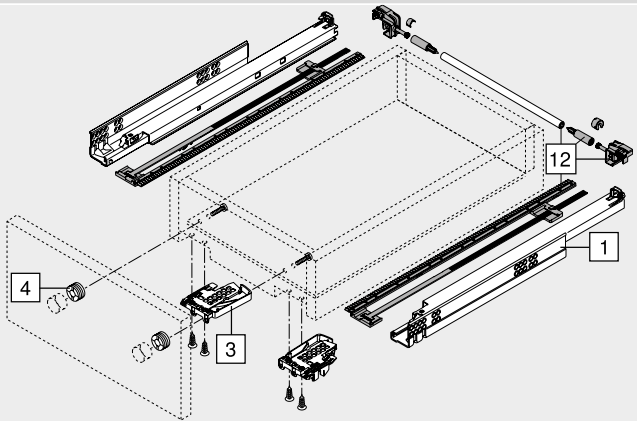
**12 Side stabilisation set for full extension**



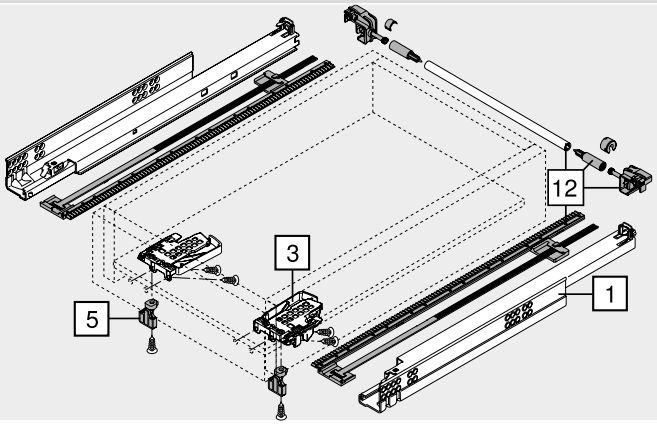
| Nominal length NL (mm) | Part no. |
|---|---|
| Up to 410 | ZST.410TV |
| Up to 600 | ZST.600TV |
| Up to 750 | ZST.750TV |

For cutting to size
Suitable for cabinet width KB 1400 mm

### Drawer




### Inner drawer



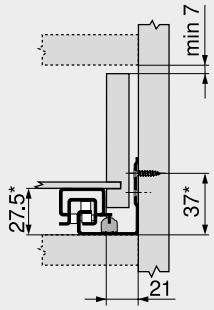



# TANDEM plus BLUMOTION – 560H | 566H

Webcode DQD1XA

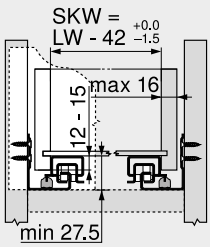
## Planning

### Space requirement in cabinet



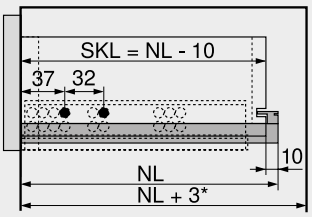

* +3 mm with side stabilisation

### Drawer | inner drawer



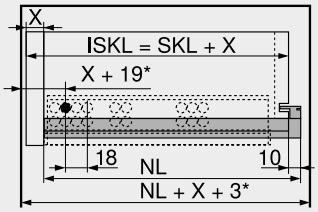

SKW Internal drawer width
LW Internal cabinet width

### Drawer




SKL Drawer length
NL Nominal length
* Additional +12 mm with side stabilisation

### Inner drawer

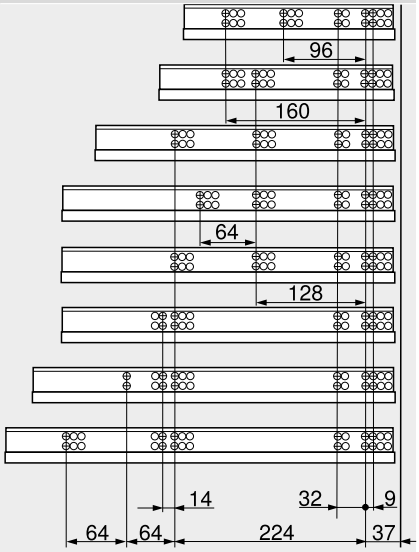



ISKL Inner drawer length
SKL Drawer length
NL Nominal length
X Front thickness
* Additional +2 mm with POSISTOP

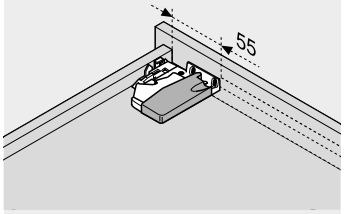
### Screw position – cabinet profiles

**Nominal length NL (mm)**

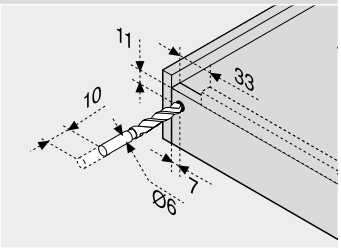
250, 270
300, 320
350, 380
400, 420
450, 480
500–550
580, 600
650–750




### Drawer assembly




Use drilling template T65.1000.02



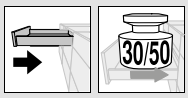

Use drilling template T65.1000.02

## Page instructions


| | |
|---|---|
| Overview – TANDEM | 465 |
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 |
| CABLOXX | 586 |
| Accessories | 484 |
| Cabinet profile fixing positions | 488 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
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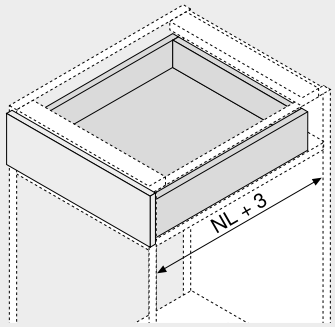

## TANDEM plus – 560H | 566H

Webcode DQD2MM



- Concealed TANDEM full extension with integrated **BLUMATIC** self-insertion technology
- Suitable for use with TIP-ON – the mechanical opening support system
- Tool-free height adjustment via a locking device
- Tool-free integrated front tilt adjustment
- Built-in width and depth tolerance compensation
- Optional TIP-ON synchronisation for secure triggering even with wide fronts
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement




NL Nominal length

### Order information

**1 Runners left/right**

| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 | 50 |
|---|---|---|
| 250 | 560H2500C | |
| 270 | 560H2700C | |
| 300 | 560H3000C | |
| 320 | 560H3200C | |
| 350 | 560H3500C | |
| 380 | 560H3800C | |
| 400 | 560H4000C | |
| 420 | 560H4200C | |
| 450 | 560H4500C | 566H4500C01 |
| 480 | 560H4800C | |
| 500 | 560H5000C | 566H5000C01 |
| 520 | 560H5200C | 566H5200C01 |
| 550 | 560H5500C | 566H5500C01 |
| 580 | | 566H5800C01 |
| 600 | 560H6000C | 566H6000C01 |
| 650 | | 566H6500C01 |
| 700 | | 566H7000C01 |
| 750 | | 566H7500C01 |

The output path can vary depending on the load or the adjustment!

**3 Locking device left/right**

| Material | Colour | Part no. |
|---|---|---|
| Nylon/zinc | Orange | T51.1700.04 |

Order left/right

### a Accessories

**4 Front adjuster**

| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | 295.1000 |

**6a TIP-ON left/right**

| Dynamic carrying capacity (kg) | Part no. |
|---|---|
| 30 | T55.7150S |
| 50 | T55.9150S |

Only suitable for TANDEM plus

**6b TIP-ON synchronisation pinion set**

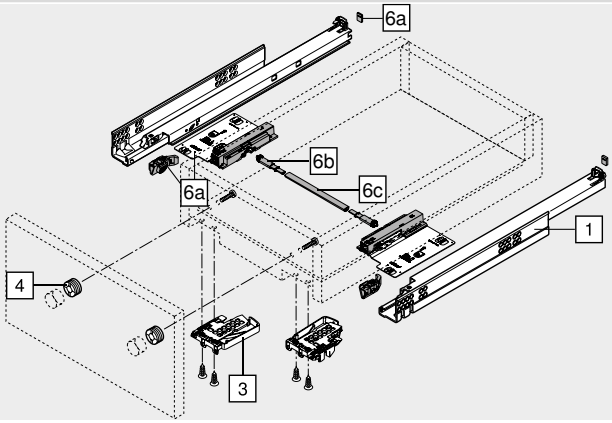
| Version | Colour | Part no. |
|---|---|---|
| Semicircular | RAL 7037 dust grey | T55.000R |

**6c TIP-ON synchronisation linkage**

| Cabinet width KB (mm) | Version | Part no. |
|---|---|---|
| Up to 1200 | Semicircular | T55.889W |

For cutting to size
Starting with cabinet width KB 600 mm
**Cutting** Internal cabinet width LW – 277 mm

### Drawer




**Alternative to 6b, 6c**

**6d TIP-ON synchronisation pinion set and shaft**

| Cabinet width KB (mm) | Version | Part no. |
|---|---|---|
| Up to 1400 | Round | T55.1089ZR |

For cutting to size
**Cutting** Internal cabinet width LW – 277 mm

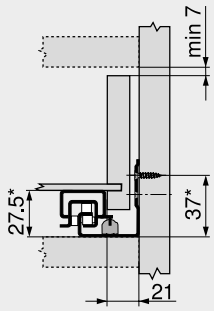



# TANDEM plus – 560H | 566H

Webcode DQD2MM

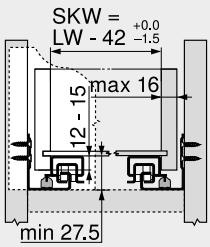
## Planning

### Space requirement in cabinet



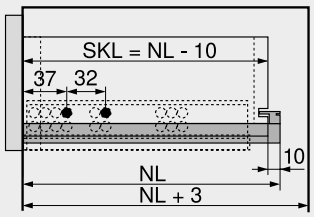

* +1 mm with TIP-ON

### Drawer | inner drawer



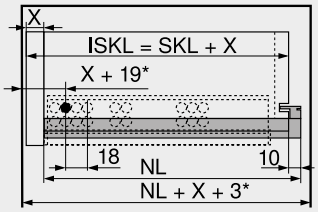

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |

### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |

### Inner drawer

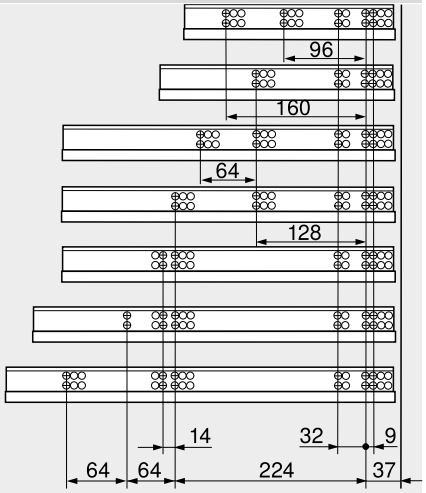



| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |
| * | Additional +4 mm with TIP-ON |

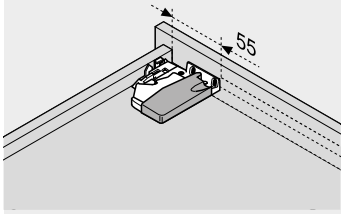
### Screw position – cabinet profiles

**Nominal length NL (mm)**

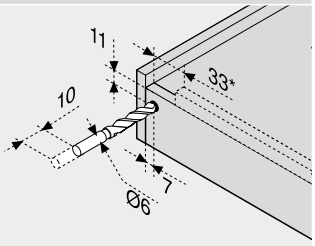
250, 270
300–380
400, 420
450, 480
500–550
580, 600
650–750




### Drawer assembly

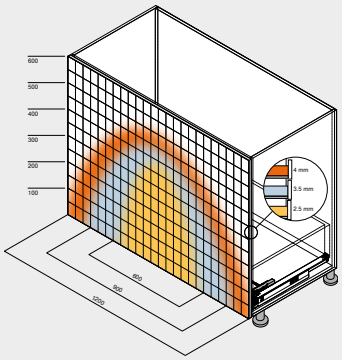



Use drilling template T65.1000.02




* 85 mm with TIP-ON
Use drilling template T65.1000.02

### Trigger range



Example for 560H, nominal length NL 500 mm, four sided drawer, with synchronisation

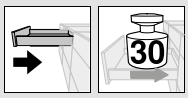
## Page instructions


| | |
|---|---|
| Overview – TANDEM | 465 |
| CABLOXX | 586 |
| Accessories | 484 |
| Cabinet profile fixing positions | 488 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a420

# ▸ TANDEM
## ▸▸ Locking device feature – single extension



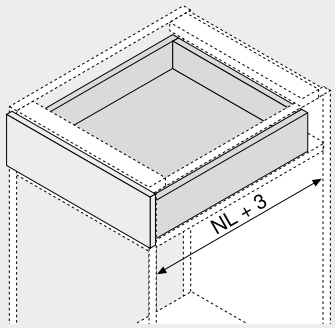

## TANDEM BLUMOTION – 550H

Webcode DQD3BY



- Concealed TANDEM single extension with soft end stop when opening and integrated **BLUMOTION** for silent and effortless closing
- Suitable for use with SERVO-DRIVE – the electrical opening support system
- Tool-free height adjustment via a locking device
- Built-in width and depth tolerance compensation
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement




NL Nominal length

### Order information

**1 Runners left/right**



| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 |
|---|---|
| 270 | 550H2700B |
| 300 | 550H3000B |
| 350 | 550H3500B |
| 400 | 550H4000B |
| 450 | 550H4500B |
| 500 | 550H5000B |
| 550 | 550H5500B |
| 600 | 550H6000B |
| 650 | 550H6500B |

**3 Locking device left/right**



| Material | Colour | Part no. |
|---|---|---|
| Nylon/zinc | Orange | T51.1700.04 |

Order left/right

### a Accessories

**4 Front adjuster**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | 295.1000 |

**5 POSISTOP**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7037 dust grey | 298.5500 |

Depth stop

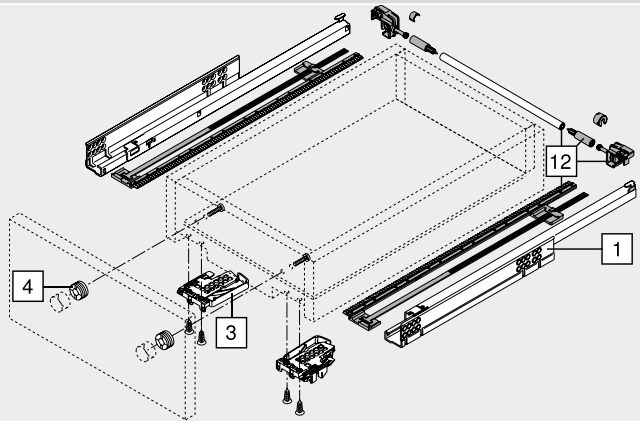
**12 Side stabilisation set for single extension**



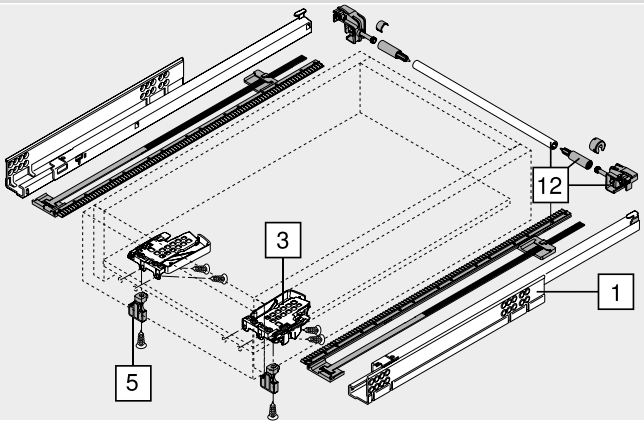
| Nominal length NL (mm) | Part no. |
|---|---|
| Up to 400 | ZST.410TT |
| Up to 650 | ZST.650TT |

For cutting to size
Suitable for cabinet width KB 1400 mm

### Drawer




### Inner drawer



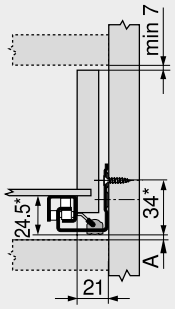



# TANDEM BLUMOTION – 550H

Webcode DQD3BY

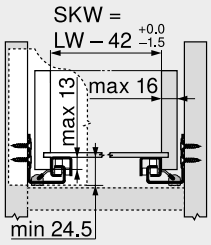
## Planning

### Space requirement in cabinet



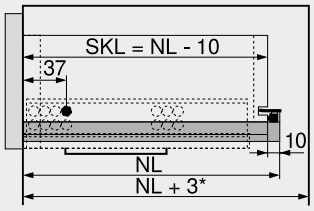

| | |
|---|---|
| A | 3 mm distance to interchange with full extension |
| * | +3 mm with side stabilisation |

### Drawer | inner drawer



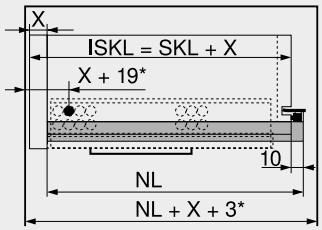

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |

### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |
| * | Additional +12 mm with side stabilisation |

### Inner drawer

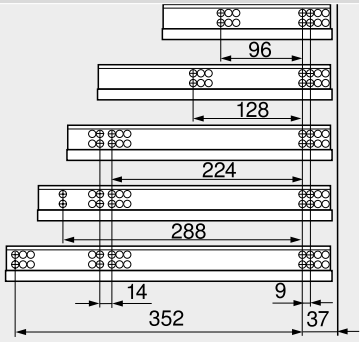



| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |
| * | Additional +2 mm with POSISTOP |

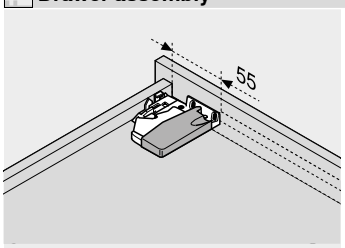
## Screw position – cabinet profiles

**Nominal length NL (mm)**

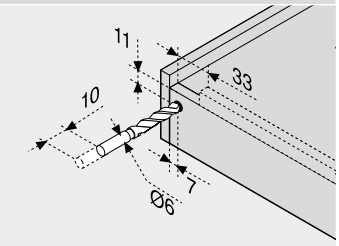
270
300–450
500, 550
600
650




## Drawer assembly




Use drilling template T65.1000.02



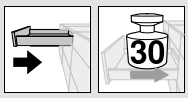

Use drilling template T65.1000.02

## Page instructions


| | |
|---|---|
| Overview – TANDEM | 465 |
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 |
| CABLOXX | 586 |
| Accessories | 484 |
| Cabinet profile fixing positions | 488 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

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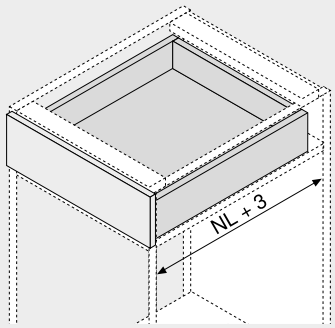

## TANDEM – 550H

Webcode DQD41A



- Concealed TANDEM single extension with soft end stop when opening and integrated **BLUMATIC** self-insertion technology
- Suitable for use with TIP-ON – the mechanical opening support system
- Tool-free height adjustment via a locking device
- Built-in width and depth tolerance compensation
- Optional TIP-ON synchronisation for secure triggering even with wide fronts
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement




NL Nominal length

### Order information

**1 Runners left/right**



| Nominal length | Dynamic carrying capacity (kg) | | |
|---|---|---|---|
| NL (mm) | 30 | | |
| 270 | 550H2700.03 | | |
| 300 | 550H3000.03 | | |
| 350 | 550H3500.03 | | |
| 400 | 550H4000.03 | | |
| 450 | 550H4500.03 | | |
| 500 | 550H5000.03 | | |
| 550 | 550H5500.03 | | |
| 600 | 550H6000.03 | | |
| 650 | 550H6500.03 | | |

The output path can vary depending on the load or the adjustment!

**3 Locking device left/right**



| Material | Colour | Part no. |
|---|---|---|
| Nylon/zinc | Orange | T51.1700.04 |

Order left/right

### a Accessories

**4 Front adjuster**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | 295.1000 |

**6a TIP-ON left/right**



| Dynamic carrying capacity (kg) | Part no. |
|---|---|
| 30 | T55.1150S |

Only suitable for TANDEM

**6b TIP-ON synchronisation pinion set**



| Version | Colour | Part no. |
|---|---|---|
| Semicircular | RAL 7037 dust grey | T55.000R |

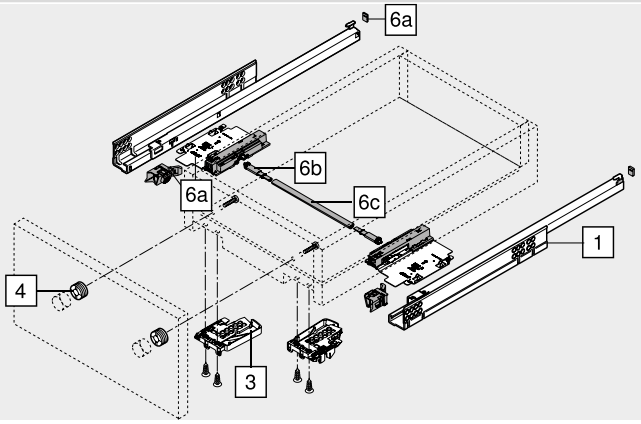
**6c TIP-ON synchronisation linkage**



| Cabinet width KB (mm) | Version | Part no. |
|---|---|---|
| Up to 1200 | Semicircular | T55.889W |

For cutting to size
Starting with cabinet width KB 600 mm
**Cutting** Internal cabinet width LW – 277 mm

### Drawer



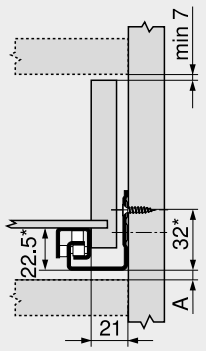



# TANDEM – 550H

Webcode DQD41A

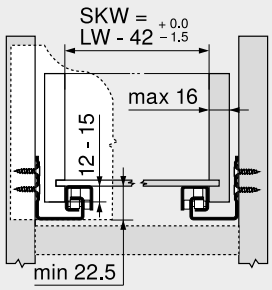
## Planning

### Space requirement in cabinet



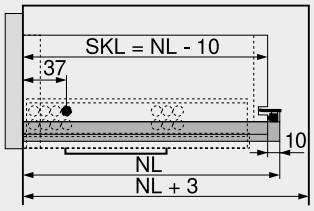

| | |
|---|---|
| A | 5 mm distance to interchange with full extension |
| * | +1 mm with TIP-ON |

### Drawer | inner drawer



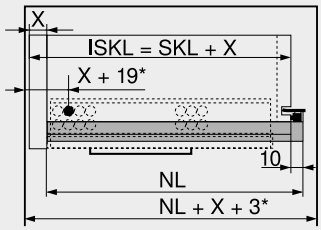

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |

### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |

### Inner drawer

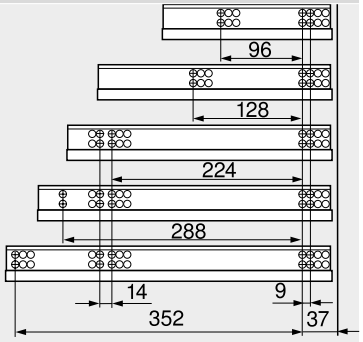



| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |
| * | Additional +4 mm with TIP-ON |

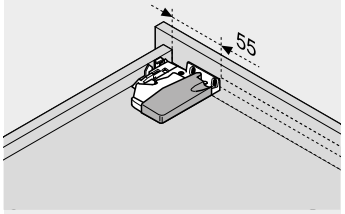
### Screw position – cabinet profiles

**Nominal length NL (mm)**

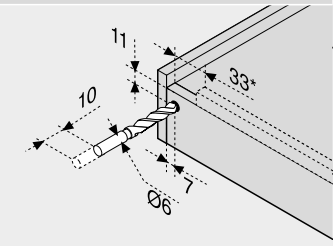
270
300–450
500, 550
600
650




### Drawer assembly

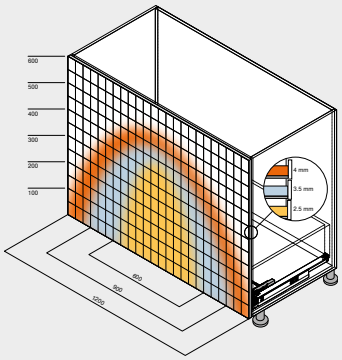



Use drilling template T65.1000.02




* 85 mm with TIP-ON
Use drilling template T65.1000.02

### Trigger range



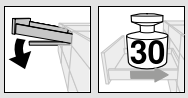
Example for 560H, nominal length NL 500 mm, four sided drawer, with synchronisation

## Page instructions


| | |
|---|---|
| Overview – TANDEM | 465 |
| Accessories | 484 |
| Cabinet profile fixing positions | 488 |
| CABLOXX | 586 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
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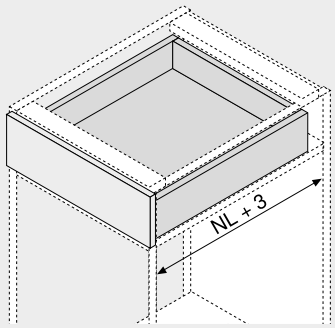

## TANDEM plus BLUMOTION – 561H

Webcode DQD4QM



- Concealed TANDEM full extension with integrated **BLUMOTION** for silent and effortless closing action
- Suitable for use with SERVO-DRIVE – the electrical opening support system
- Lift-off stop and height adjustment integrated into runner system
- Tool-free integrated front tilt adjustment
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement




NL Nominal length

### Order information

**1 Runners left/right**



| Nominal length NL (mm) | Dynamic carrying capacity (kg) 30 |
|---|---|
| 260 | 561H2601B |
| 285 | 561H2851B |
| 310 | 561H3101B |
| 335 | 561H3351B |
| 360 | 561H3601B |
| 385 | 561H3851B |
| 410 | 561H4101B |
| 435 | 561H4351B |
| 460 | 561H4601B |
| 485 | 561H4851B |
| 510 | 561H5101B |
| 535 | 561H5351B |
| 560 | 561H5601B |

### a Accessories

**4 Front adjuster**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | 295.1000 |

**5 POSISTOP**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | RAL 7037 dust grey | 298.5500 |

Depth stop

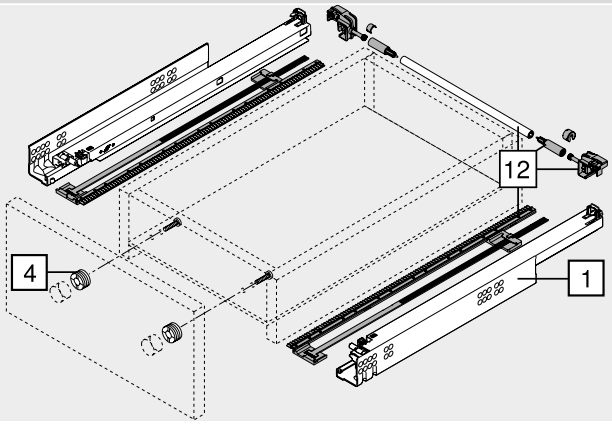
**12 Side stabilisation set for full extension**



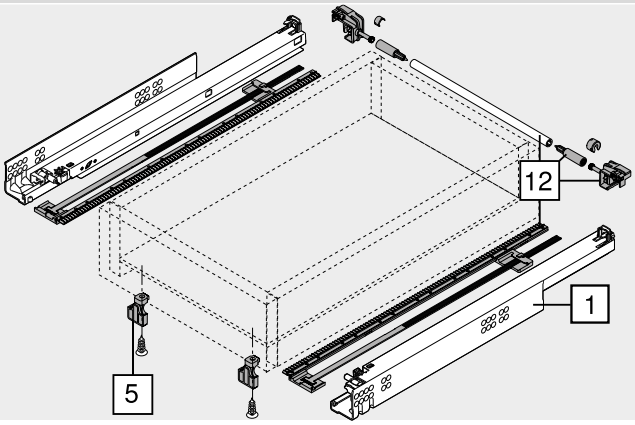
| Nominal length NL (mm) | Part no. |
|---|---|
| Up to 410 | ZST.410TV |
| Up to 600 | ZST.600TV |

For cutting to size
Suitable for cabinet width KB 1400 mm

### Drawer




### Inner drawer



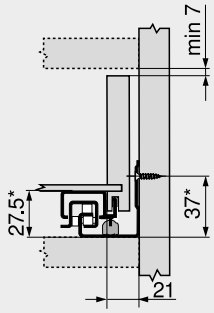



# TANDEM plus BLUMOTION – 561H

Webcode
DQD4QM

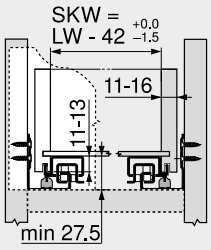
## Planning

### Space requirement in cabinet



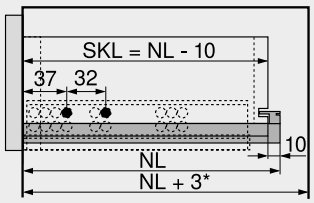

* +3 mm with side stabilisation

### Drawer | inner drawer



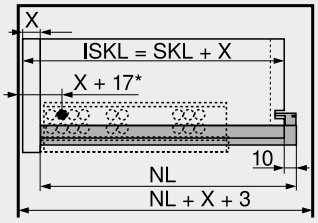

SKW Internal drawer width
LW Internal cabinet width

### Drawer




SKL Drawer length
NL Nominal length
* Additional +12 mm with side stabilisation

### Inner drawer

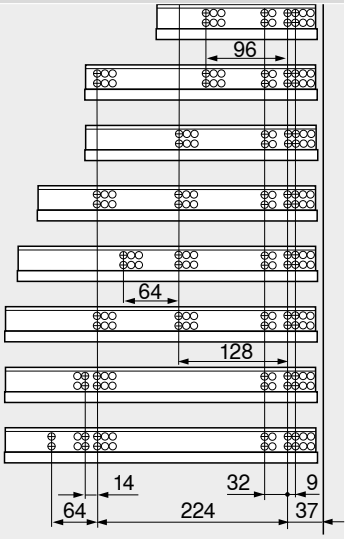



ISKL Inner drawer length
SKL Drawer length
NL Nominal length
X Front thickness
* Additional +2 mm with POSISTOP

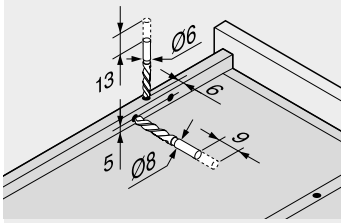
## Screw position – cabinet profiles

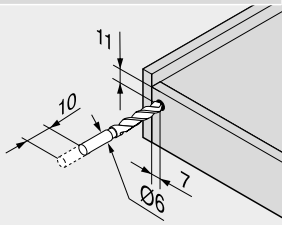
**Nominal length NL (mm)**

260
285
310, 335
360, 385
410
435–485
510, 535
560



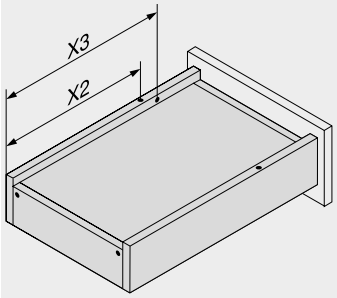

## Drawer assembly




Use drilling template T65.1000.02

## Drawer assembly




| Nominal length | Pegs | Lift-off stop |
|---|---|---|
| NL (mm) | X2 (mm) | X3 (mm) |
| 260 | 205 | 185 |
| 285 | 220 | 200 |
| 310 | 230 | 242 |
| 335 | 245 | 257 |
| 360 | 275 | 287 |
| 385 | 285 | 297 |
| 410 | 300 | 344 |
| 435 | 310 | 354 |
| 460 | 335 | 379 |
| 485 | 350 | 394 |
| 510 | 360 | 436 |
| 535 | 375 | 451 |
| 560 | 405 | 481 |

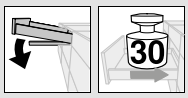
## Page instructions


| | |
|---|---|
| Overview – TANDEM | 465 |
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 |
| CABLOXX | 586 |
| Accessories | 484 |
| Cabinet profile fixing positions | 488 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a420

# ▸ TANDEM
## ▸▸ Hook & peg variant – full extension



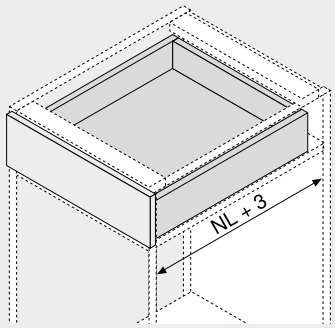

## TANDEM plus – 561H

Webcode DQD5FY



- Concealed TANDEM full extension with integrated **BLUMATIC** self-insertion technology
- Suitable for use with TIP-ON – the mechanical opening support system
- Lift-off stop and height adjustment integrated into runner system
- Tool-free integrated front tilt adjustment
- Optional TIP-ON synchronisation for secure triggering even with wide fronts
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement




NL Nominal length

### Order information

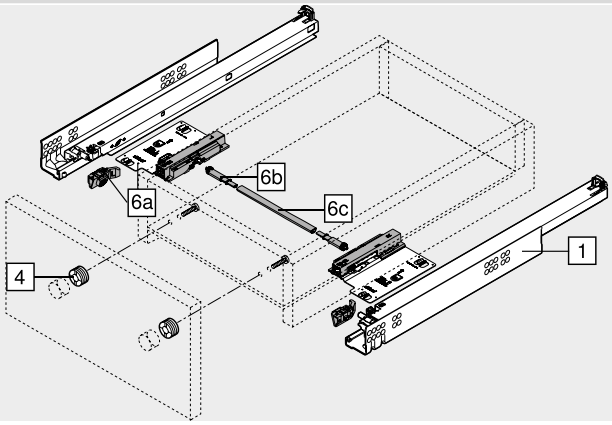
**1 Runners left/right**



| Nominal length | Dynamic carrying capacity (kg) | |
|---|---|---|
| NL (mm) | 30 | |
| 260 | ☎ 561H2601C | |
| 285 | ☎ 561H2851C | |
| 310 | ☎ 561H3101C | |
| 335 | ☎ 561H3351C | |
| 360 | ☎ 561H3601C | |
| 385 | ☎ 561H3851C | |
| 410 | ☎ 561H4101C | |
| 435 | ☎ 561H4351C | |
| 460 | ☎ 561H4601C | |
| 485 | ☎ 561H4851C | |
| 510 | ☎ 561H5101C | |
| 535 | ☎ 561H5351C | |
| 560 | ☎ 561H5601C | |

The output path can vary depending on the load or the adjustment!

### Drawer




### a Accessories

**4 Front adjuster**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | 295.1000 |

**6a TIP-ON left/right (optional)**



| Dynamic carrying capacity (kg) | Part no. |
|---|---|
| 30 | T55.7150S |

Only suitable for TANDEM plus

**6b TIP-ON synchronisation pinion set**



| Version | Colour | Part no. |
|---|---|---|
| Semicircular | RAL 7037 dust grey | T55.000R |

**6c TIP-ON synchronisation linkage**



| Cabinet width KB (mm) | Version | Part no. |
|---|---|---|
| Up to 1200 | Semicircular | T55.889W |

For cutting to size
Starting with cabinet width KB 600 mm
**Cutting** Internal cabinet width LW – 277 mm

**Alternative to 6b, 6c**

**6d TIP-ON synchronisation pinion set and shaft**



| Cabinet width KB (mm) | Version | Part no. |
|---|---|---|
| Up to 1400 | Round | T55.1089ZR |

For cutting to size
**Cutting** Internal cabinet width LW – 277 mm

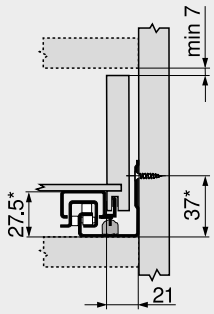



# TANDEM plus – 561H

Webcode
DQD5FY

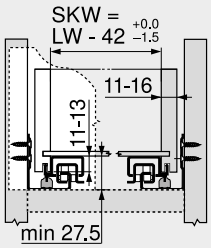
## Planning

### Space requirement in cabinet



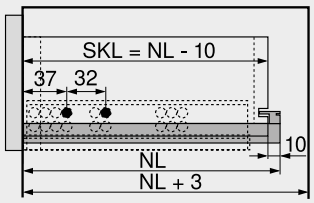

* +1 mm with TIP-ON

### Drawer | inner drawer



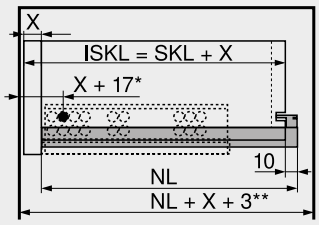

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |

### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |

### Inner drawer

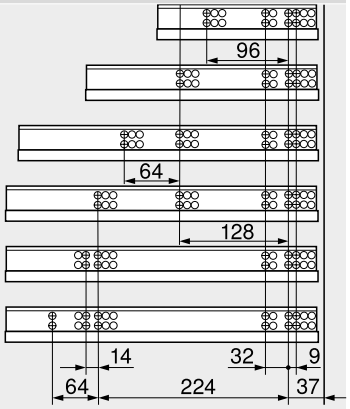



| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |
| * | Additional +6 mm with TIP-ON |
| ** | Additional +4 mm with TIP-ON |

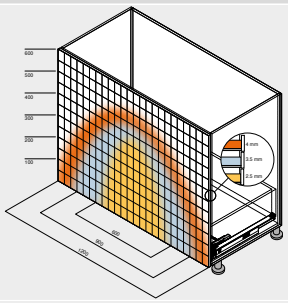
### Screw position – cabinet profiles

**Nominal length NL (mm)**

260, 285
310–385
410
435–485
510, 535
560

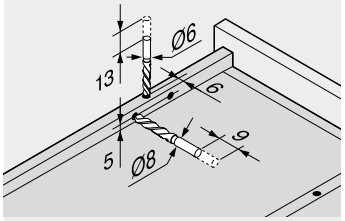


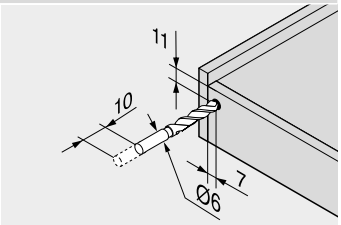

### Trigger range



Example for 560H, nominal length NL 500 mm, four sided drawer, with synchronisation

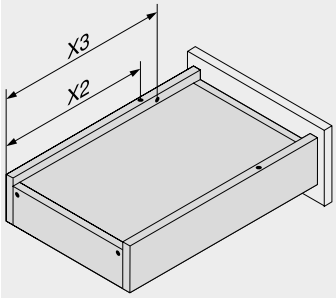
### Drawer assembly




Use drilling template T65.1000.02

### Drawer assembly




| Nominal length NL (mm) | Pegs X2 (mm) | Lift-off stop X3 (mm) |
|---|---|---|
| 260 | 205 | 185 |
| 285 | 220 | 200 |
| 310 | 230 | 242 |
| 335 | 245 | 257 |
| 360 | 275 | 287 |
| 385 | 285 | 297 |
| 410 | 300 | 344 |
| 435 | 310 | 354 |
| 460 | 335 | 379 |
| 485 | 350 | 394 |
| 510 | 360 | 436 |
| 535 | 375 | 451 |
| 560 | 405 | 481 |

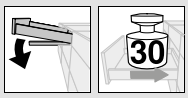
## Page instructions


| | |
|---|---|
| Overview – TANDEM | 465 |
| CABLOXX | 586 |
| Accessories | 484 |
| Cabinet profile fixing positions | 488 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
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► TANDEM
►► Hook & peg variant – single extension



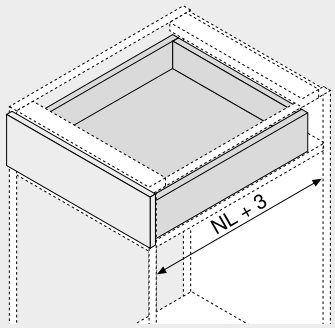

## TANDEM BLUMOTION – 551H

Webcode DQD65A



- Concealed TANDEM single extension with soft end stop when opening and integrated **BLUMOTION** for silent and effortless closing
- Suitable for use with SERVO-DRIVE – the electrical opening support system
- Lift-off stop and height adjustment integrated into runner system
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement




NL Nominal length

### Order information

| 1 | Runners left/right | |
|---|---|---|
| Nominal length NL (mm) | Dynamic carrying capacity (kg) | |
| | 30 | |
| 260 | 551H2601B | |
| 285 | 551H2851B | |
| 310 | 551H3101B | |
| 335 | 551H3351B | |
| 360 | 551H3601B | |
| 385 | 551H3851B | |
| 410 | 551H4101B | |
| 435 | 551H4351B | |
| 460 | 551H4601B | |
| 485 | 551H4851B | |
| 510 | 551H5101B | |
| 535 | 551H5351B | |
| 560 | 551H5601B | |

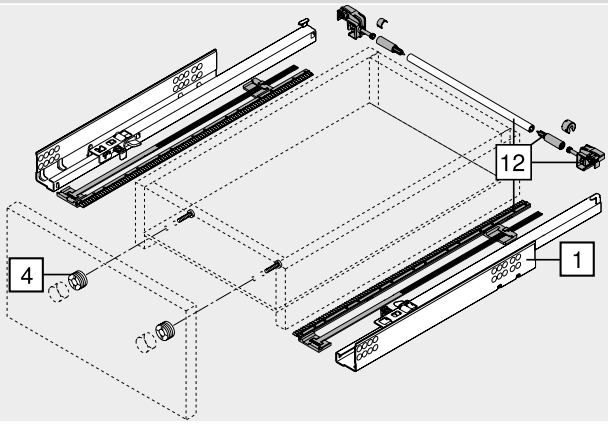
### a Accessories

| 4 | Front adjuster | | |
|---|---|---|---|
| | Material | Colour | Part no. |
| | Nylon | Natural | 295.1000 |

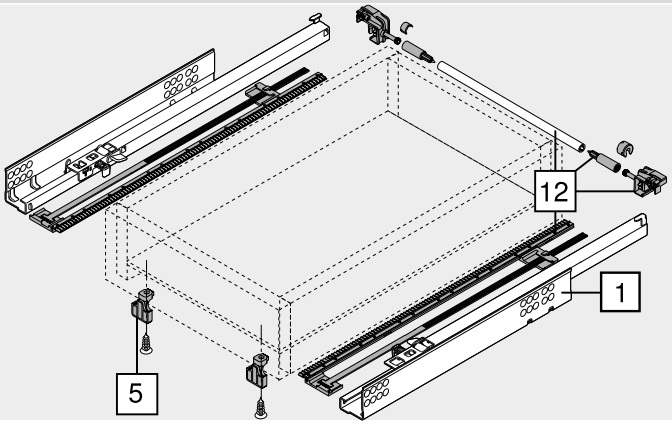
| 5 | POSISTOP | | |
|---|---|---|---|
| | Material | Colour | Part no. |
| | Nylon | RAL 7037 dust grey | 298.5500 |
| Depth stop | | | |

| 12 | Side stabilisation set for single extension | |
|---|---|---|
| | Nominal length NL (mm) | Part no. |
| | Up to 410 | ZST.410TT |
| | Up to 650 | ZST.650TT |
| For cutting to size | | |
| Suitable for cabinet width KB 1400 mm | | |

### Drawer




### Inner drawer



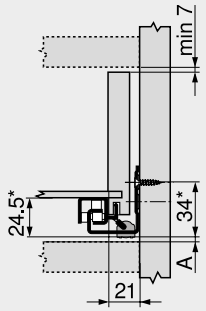



# TANDEM BLUMOTION – 551H

Webcode
DQD65A

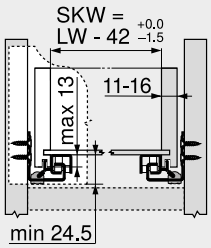
## Planning

### Space requirement in cabinet



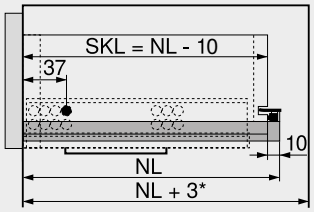

| | |
|---|---|
| A | 3 mm distance to interchange with full extension |
| * | +3 mm with side stabilisation |

### Drawer | inner drawer



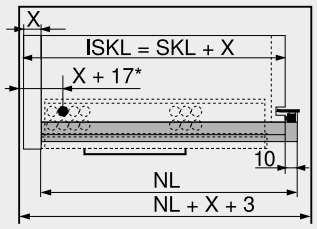

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |

### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |
| * | Additional +12 mm with side stabilisation |

### Inner drawer




| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |
| * | Additional +2 mm with POSISTOP |

## Screw position – cabinet profiles

**Nominal length NL (mm)**

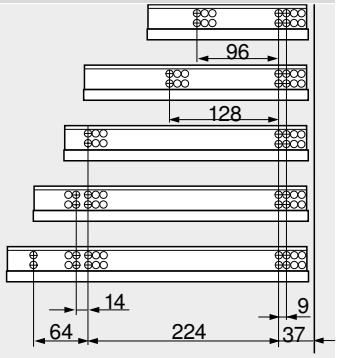
260, 285

310–435

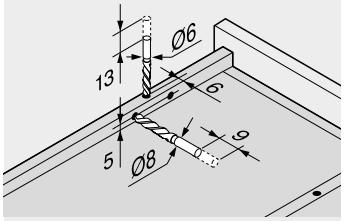
460, 485

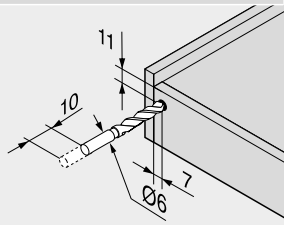
510, 535

560



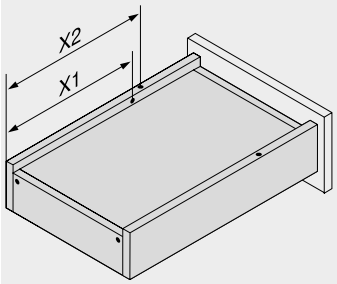

## Drawer assembly




Use drilling template T65.1000.02

## Drawer assembly




| Nominal length | Pegs | Lift-off stop |
|---|---|---|
| NL (mm) | X2 (mm) | X1 (mm) |
| 260 | 205 | 185 |
| 285 | 220 | 200 |
| 310 | 230 | 210 |
| 335 | 245 | 225 |
| 360 | 275 | 255 |
| 385 | 285 | 265 |
| 410 | 300 | 280 |
| 435 | 310 | 290 |
| 460 | 335 | 315 |
| 485 | 350 | 330 |
| 510 | 360 | 340 |
| 535 | 375 | 355 |
| 560 | 405 | 385 |

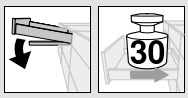
## Page instructions


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|---|---|
| Overview – TANDEM | 465 |
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 |
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| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a420

# ▸ TANDEM
## ▸▸ Hook & peg variant – single extension



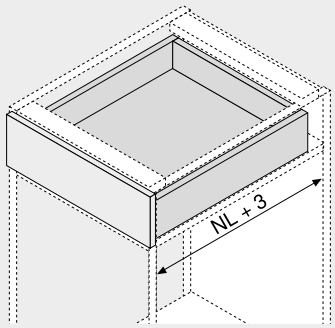

## TANDEM – 551H

Webcode DQD6UM



- Concealed TANDEM single extension with soft end stop when opening and integrated **BLUMATIC** self-insertion technology
- Suitable for use with TIP-ON – the mechanical opening support system
- Lift-off stop and height adjustment integrated into runner system
- Optional TIP-ON synchronisation for secure triggering even with wide fronts
- TANDEM inside – unsurpassed running action – for the lifetime of the furniture

### Space requirement



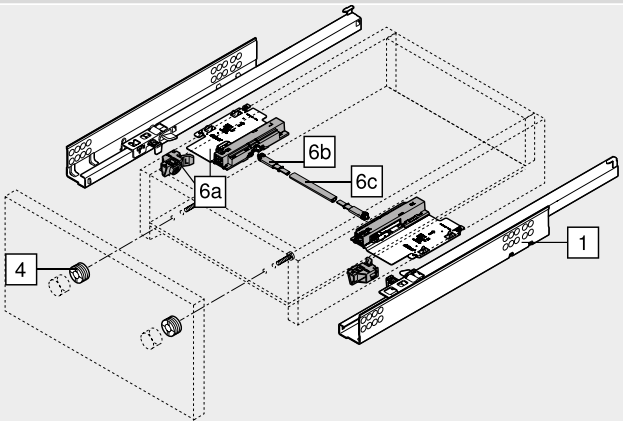

NL Nominal length

### Order information

| 1 | Runners left/right | |
|---|---|---|
| Nominal length | Dynamic carrying capacity (kg) | |
| NL (mm) | 30 | |
| 260 | ☎ 551H2601 | |
| 285 | ☎ 551H2851 | |
| 310 | ☎ 551H3101 | |
| 335 | ☎ 551H3351 | |
| 360 | ☎ 551H3601 | |
| 385 | ☎ 551H3851 | |
| 410 | ☎ 551H4101 | |
| 435 | ☎ 551H4351 | |
| 460 | ☎ 551H4601 | |
| 485 | ☎ 551H4851 | |
| 510 | ☎ 551H5101 | |
| 535 | ☎ 551H5351 | |
| 560 | ☎ 551H5601 | |

The output path can vary depending on the load or the adjustment!

### Drawer




### a Accessories

| 4 | Front adjuster | | |
|---|---|---|---|
| | Material | Colour | Part no. |
| | Nylon | Natural | 295.1000 |

| 6a | TIP-ON left/right (optional) | |
|---|---|---|
| | Dynamic carrying capacity (kg) | Part no. |
| | 30 | T55.3150S |

Only suitable for TANDEM

| 6b | TIP-ON synchronisation pinion set | | |
|---|---|---|---|
| | Version | Colour | Part no. |
| | Semicircular | RAL 7037 dust grey | T55.000R |

| 6c | TIP-ON synchronisation linkage | | |
|---|---|---|---|
| | Cabinet width KB (mm) | Version | Part no. |
| | Up to 1200 | Semicircular | T55.889W |

For cutting to size
Starting with cabinet width KB 600 mm
**Cutting** Internal cabinet width LW – 277 mm

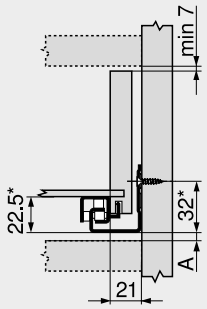



# TANDEM – 551H

Webcode
DQD6UM

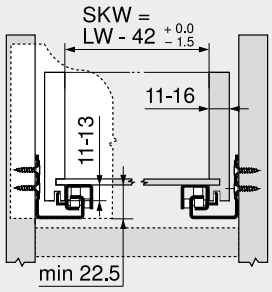
## Planning

### Space requirement in cabinet



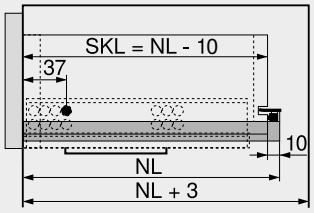

| | |
|---|---|
| A | 5 mm distance to interchange with full extension |
| * | +1 mm with TIP-ON |

### Drawer | inner drawer



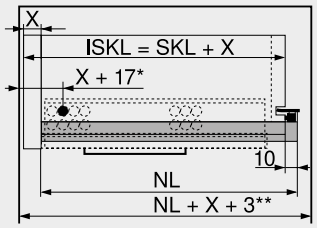

| | |
|---|---|
| SKW | Internal drawer width |
| LW | Internal cabinet width |

### Drawer




| | |
|---|---|
| SKL | Drawer length |
| NL | Nominal length |

### Inner drawer

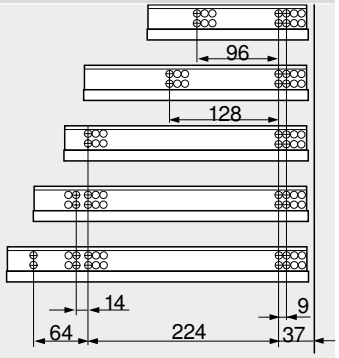



| | |
|---|---|
| ISKL | Inner drawer length |
| SKL | Drawer length |
| NL | Nominal length |
| X | Front thickness |
| * | Additional +6 mm with TIP-ON |
| ** | Additional +4 mm with TIP-ON |

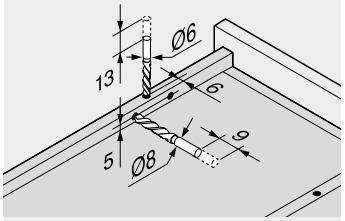
### Screw position – cabinet profiles

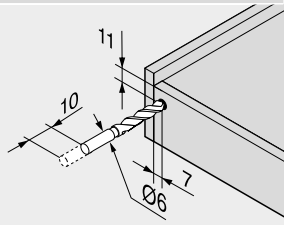
**Nominal length NL (mm)**

260, 285
310–435
460, 485
510, 535
560



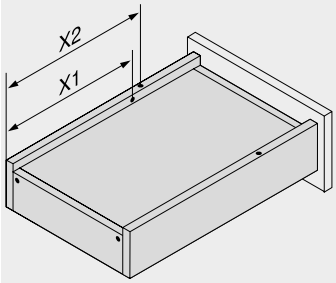

### Drawer assembly



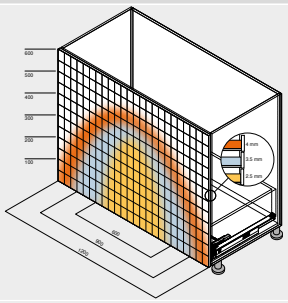

Use drilling template T65.1000.02

### Drawer assembly




| Nominal length NL (mm) | Pegs X2 (mm) | Lift-off stop X1 (mm) |
|---|---|---|
| 260 | 205 | 185 |
| 285 | 220 | 200 |
| 310 | 230 | 210 |
| 335 | 245 | 225 |
| 360 | 275 | 255 |
| 385 | 285 | 265 |
| 410 | 300 | 280 |
| 435 | 310 | 290 |
| 460 | 335 | 315 |
| 485 | 350 | 330 |
| 510 | 360 | 340 |
| 535 | 375 | 355 |
| 560 | 405 | 385 |

### Trigger range



Example for 560H, nominal length NL 500 mm, four sided drawer, with synchronisation

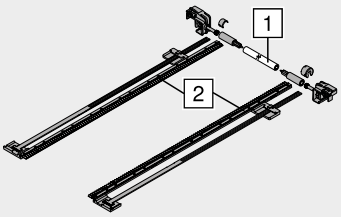
### Page instructions


| | |
|---|---|
| Overview – TANDEM | 465 |
| CABLOXX | 586 |
| Accessories | 484 |
| Cabinet profile fixing positions | 488 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a420

## Side stabilisation set for full extension




- For cutting to size
- Suitable for cabinet width KB 1400 mm
- Material: nylon
- Colour: RAL 7037 dust grey
- Not compatible with TIP-ON

**Order information**

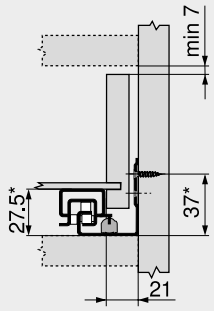
| Nominal length NL (mm) | Part no. |
|---|---|
| Up to 410 | ZST.410TV |
| Up to 600 | ZST.600TV |
| Up to 750 | ZST.750TV |

**Cutting**

1 Internal cabinet width LW – 254 mm
2 Nominal length NL + 12 mm

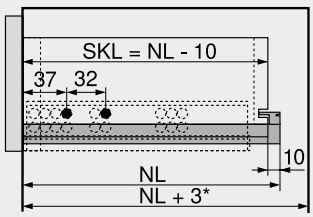
### Planning

#### Space requirement in cabinet



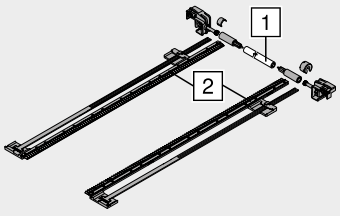

* +3 mm with side stabilisation

#### Drawer




SKL Drawer length
NL Nominal length
* Additional +12 mm with side stabilisation

## Side stabilisation set for single extension




- For cutting to size
- Suitable for cabinet width KB 1400 mm
- Material: nylon
- Colour: RAL 7037 dust grey
- Not compatible with TIP-ON

**Order information**

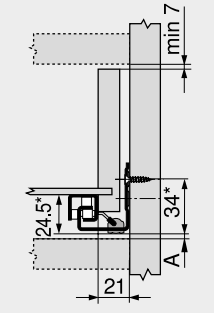
| Nominal length NL (mm) | Part no. |
|---|---|
| Up to 400 | ZST.410TT |
| Up to 650 | ZST.650TT |

**Cutting**

1 Internal cabinet width LW – 222 mm
2 Nominal length NL + 12 mm

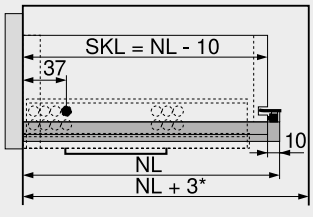
### Planning

#### Space requirement in cabinet



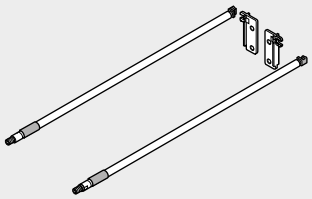

A 3 mm distance to interchange with full extension
* +3 mm with side stabilisation

#### Drawer




SKL Drawer length
NL Nominal length
* Additional +12 mm with side stabilisation

## Longside gallery rails with back fixing



- Material: aluminium
- Colour: chrome plated

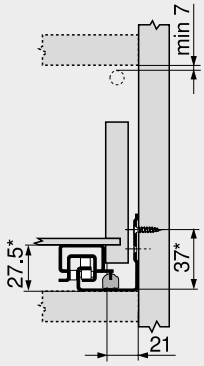
**Order information**

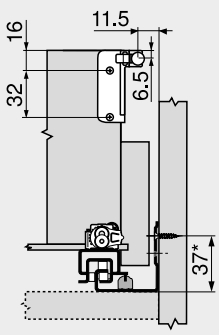
| NL (mm) | Part no. | NL (mm) | Part no. |
|---|---|---|---|
| 400 | ZRE.363A.ID | 550 | ZRE.513A.ID |
| 450 | ZRE.413A.ID | 580 | ZRE.543A.ID |
| 480 | ZRE.443A.ID | 600 | ZRE.563A.ID |
| 500 | ZRE.463A.ID | 650 | ZRE.613A.ID |
| 520 | ZRE.483A.ID | | |

NL Nominal length

### Planning

**Space requirement in cabinet**



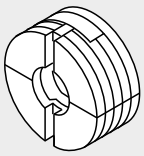

* +1 mm with TIP-ON

### Assembly

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a420**

## Front adjuster

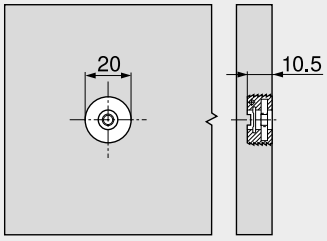


- With threaded steel washer insert
- For 4-sided drawers
- 2-dimensional front adjustment (±2 mm)
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Front adjuster | 295.1000 |

### Planning



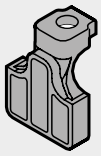

Insertion ram for MINIPRESS + PRO-CENTER
MZM.0095

### Assembly

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a420**

## POSISTOP



- Depth stop for TANDEM plus BLUMOTION – 560H | 566H and TANDEM BLUMOTION – 550H
- Only for inset applications
- Material: nylon
- Colour: RAL 7037 dust grey

**Order information**

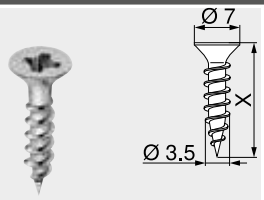
| Description | Part no. |
|---|---|
| POSISTOP | 298.5500 |

**Assembly**

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a420

## Chipboard screws Ø 3.5 mm

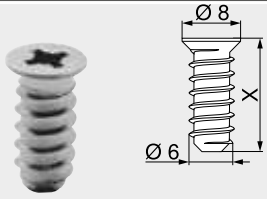



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Centre bit

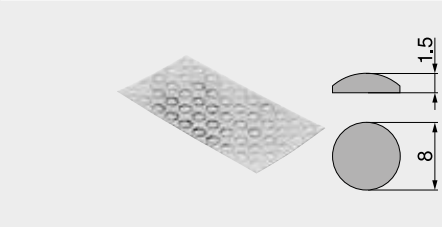


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver



- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

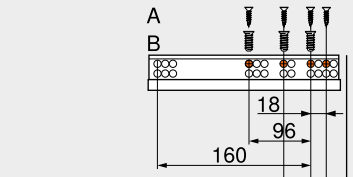
# ► TANDEM

## ►► Cabinet profile fixing positions

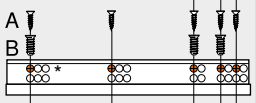


### Cabinet profile 560H – 30 kg

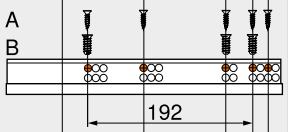
NL 250–270



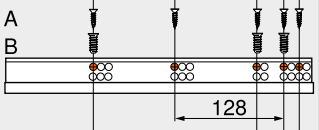

NL 300–380



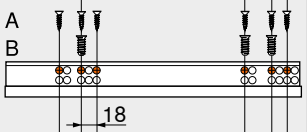

NL 400–420



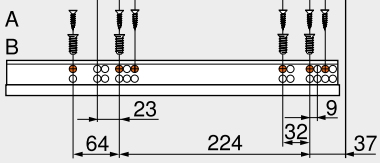

NL 450–480




NL 500–550



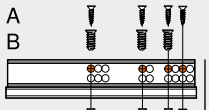

NL 600



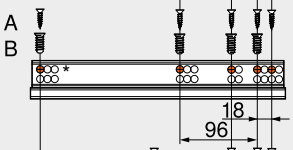

| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | BLUMOTION |

### Cabinet profile 561H – 30 kg

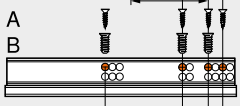
NL 260



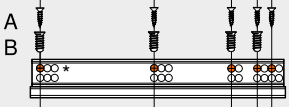

NL 285



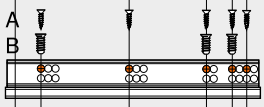

NL 310–335



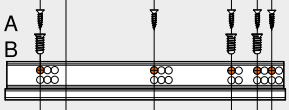

NL 360–385



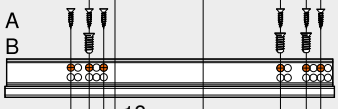

NL 410



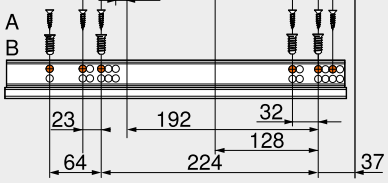

NL 435–485




NL 510–535



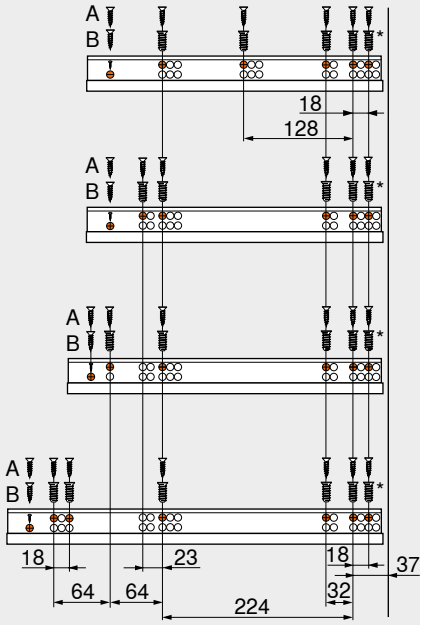

NL 560




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | BLUMOTION |

## Cabinet profile 566H – 50 kg

NL 450
NL 500–550
NL 580–600
NL 650–750

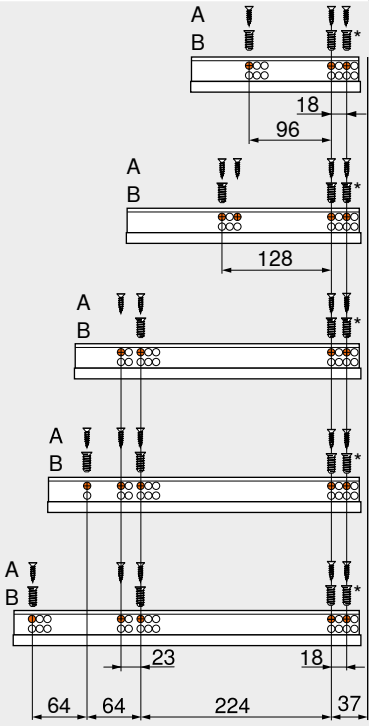



| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

Extreme back fixing position ensures optimal stability

## Cabinet profile 550H – 30 kg

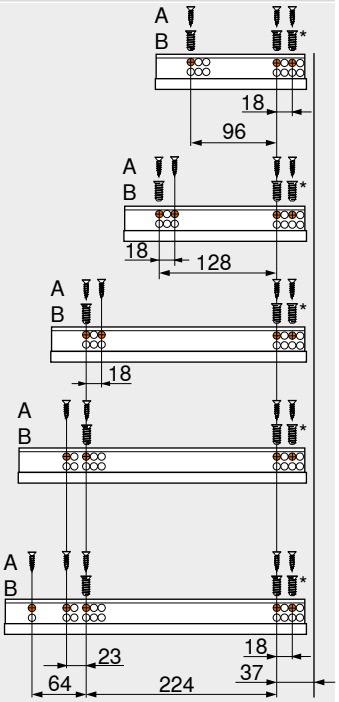
NL 270
NL 300–450
NL 500–550
NL 600
NL 650




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |

## Cabinet profile 551H – 30 kg

NL 260–285
NL 310–435
NL 460–485
NL 510–535
NL 560




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| * | Can be replaced with chipboard screw Ø 4 x 15 mm |




## Ease of opening for various furniture styles




SERVO-DRIVE, the electrical opening support system, is now also available for drawers and high fronted pull-outs made from wood. Your customers will be amazed at the opening action that can be achieved. BLUMOTION, for silent and effortless closing action, completes the picture in high quality of motion.

A light touch on the handle-less front or a light pull of the handle, and drawers and pull-outs will open as if by themselves. It also doesn't matter how or where you touch the front. Whether heavy or light, wide or narrow pull-outs – the gentle opening support always remains the same.

## Opening is that easy



A light touch on the front is enough and drawers open as if by themselves

## Easily-integrated, high performance technology



The electrical drive unit is attached behind the pull-out

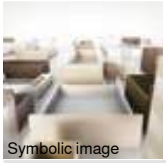


Using SERVO-DRIVE, requires no changes to the pull-out



The main SERVO-DRIVE components can be attached without the need of tools

## Runner systems


Symbolic image

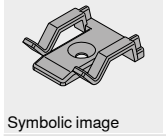

| | |
|---|---|
| Overview – runner systems | 435 |
| ► MOVENTO | 436 |
| ► TANDEM | 464 |


## ►► Applications


Symbolic image


| | | | |
|---|---|---|---|
| Standard cabinet | 492 | Cabinet with different drawer depths \| inner drawer | 508 |
| SERVO-DRIVE uno for bottom mount waste bin solutions – MOVENTO \| TANDEM | 498 | Cabinet with individual drawer | 514 |
| Sink cabinet | 500 | Cabinet with inset fronts | 518 |
| Two drawers with a continuous front | 504 | | |


## ►► Accessories


Symbolic image


| | |
|---|---|
| Cable holder | 522 |
| Synchronisation cable | 522 |
| COMBOX set | 523 |


## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a450**



## Pictograph

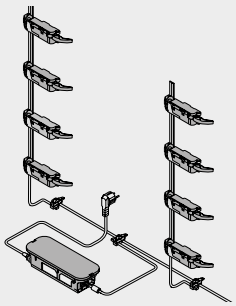
- Item Available Upon Request
- General Information
- Accessories
- SERVO-DRIVE
- Planning




## Standard cabinet



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With vertical bracket profile
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Tool-free assembly
- Simple cabling
- Shallow installation depth



### Order information

**1a Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.

**2 Bracket profile**



| Length (mm) | Material | Cable | Part no. |
|---|---|---|---|
| 650 | Aluminium | ● | Z10T650AA |
| 700 | Aluminium | ● | Z10T700AA |
| 710 | Aluminium | ● | Z10T710AA |
| 750 | Aluminium | ● | Z10T750AA |
| 800 | Aluminium | ● | Z10T800AA |
| 1170 | Aluminium | – | Z10T1170A |

For cutting to size
● With cable
– Without cable
a Cutting Internal cabinet height LH – 10 mm

**3a Bracket profile attachment top/bottom**
**Cross bar construction horizontal**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01E0.01 |

**Alternative to 3a**
**3b Bracket profile attachment lower/back**
**Cross bar construction vertical**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01EA.01 |

Incl. bracket profile cover cap

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector



## Standard cabinet

### Order information

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

**– Synchronisation cable**



| Length (mm) | Part no. |
|---|---|
| 80 | Z10K008S |
| 500 | Z10K050S |
| 1200 | Z10K120S |
| 1600 | Z10K160S |

Connects two drive units that need to activate simultaneously

**– COMBOX set**



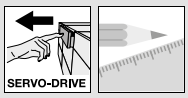
| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10ZC00A |

For preventing front collisions when using SERVO-DRIVE in corner situations
Suitable starting with drive unit Z10A3000.**02**
Includes all assembly and cabling components

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | WGR | White grey |
| S | Black | W | White |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | More technical details | 686 | | |
| Overview – TANDEM | 465 | | | **Short-URL** | |
| Planning – horizontal cross member | 494 | | | www.blum.com/a450 | |
| Planning – vertical cross member | 496 | | | | |
| Accessories | 522 | | | | |

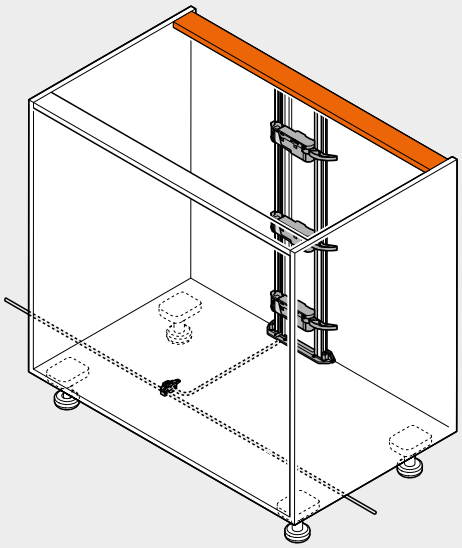




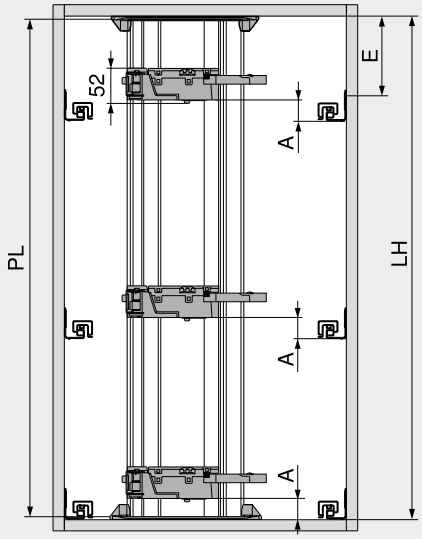

## Standard cabinet

### Planning – horizontal cross member

#### Cabinet



#### Position – drive unit




PL = LH – 10 mm
Round down to the nearest tenth

| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the runner |
| LH | Internal cabinet height |
| PL | Bracket profile length |

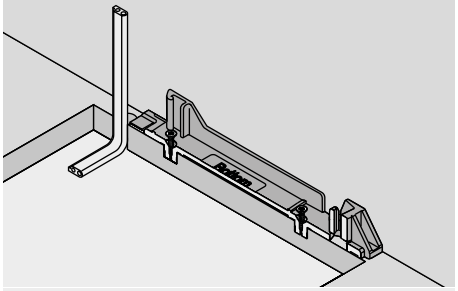
### Position – drive unit

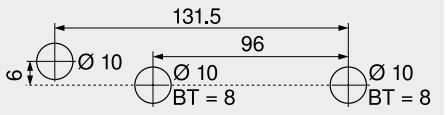
| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–428 | | ≥ 429 | |
| | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| MOVENTO | ≥ 79 | – | – | 60 | 74 | 35 | 49 |
| TANDEM | ≥ 79 | 55 | 76 | 55 | 76 | 35 | 46 |

| | | |
|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the runner | |

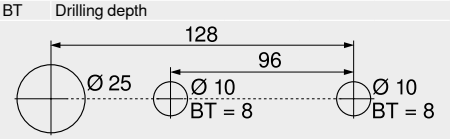
### Cabinet bottom – drilling pattern

#### Lower cabling



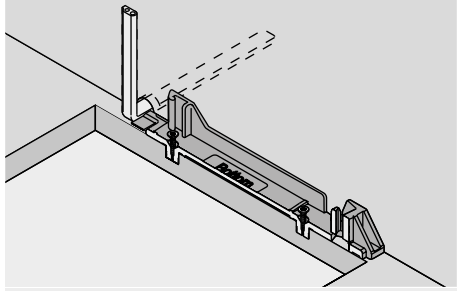


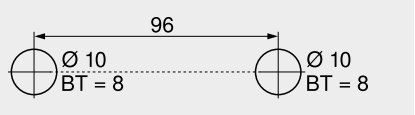

BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

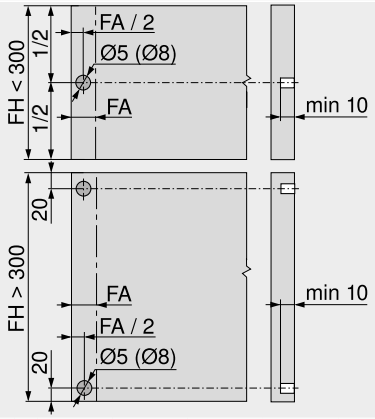
#### Back cabling





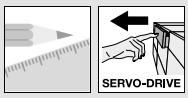

BT Drilling depth

### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm

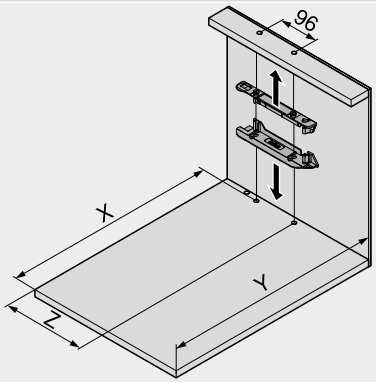
| | |
|---|---|
| FA | Front overlay |
| FH | Front height |




## Standard cabinet

### Planning – horizontal cross member

### Drilling distances – base | cross bar



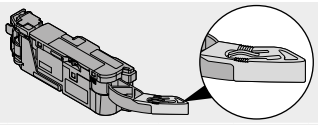

| Drawer height SKH (mm) | X (mm) | Y (mm) |
|---|---|---|
| ≥ 79 | NL + 16 | NL + 30 |

NL Nominal length
X Drilling position
Y Min. space requirement
Z Dimension of engagement

Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

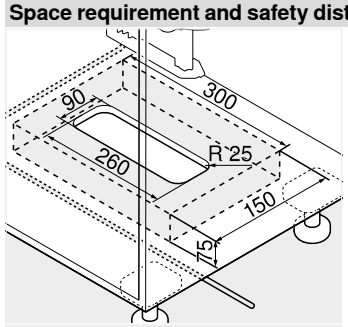
| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–388 | | 389–428 | | ≥ 429 | |
| | | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension |
| MOVENTO | ≥ 79 | – | – | 164 | ● | 164 | ● | LW / 2 | ● |
| TANDEM | ≥ 79 | 164 | – | 164 | ● | LW / 2 | ● | LW / 2 | ● |

LW Internal cabinet width
Z Dimension of engagement
● Required
– Not possible

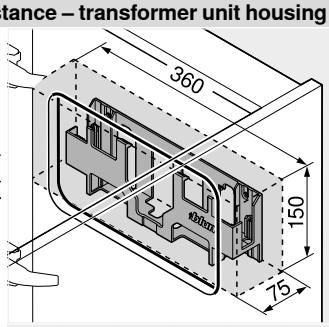


Lever extension

### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

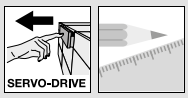
**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | More technical details | 686 | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Planning – vertical cross member | 496 | | | www.blum.com/a450 | |
| Accessories | 522 | | | | |

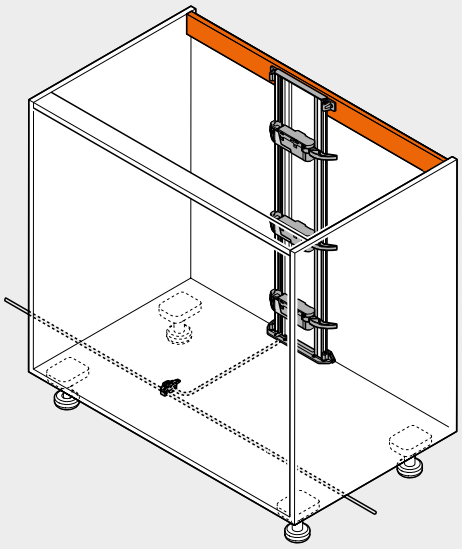




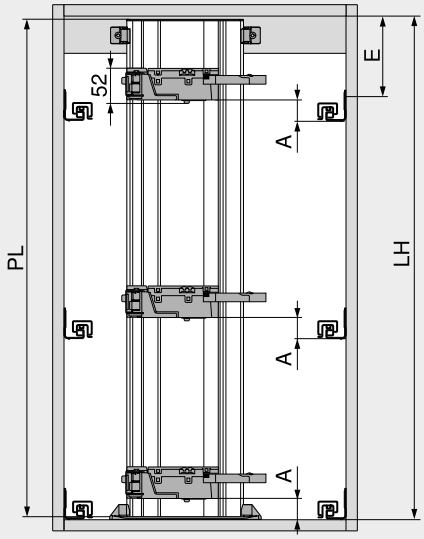

## Standard cabinet

### Planning – vertical cross member

#### Cabinet



#### Position – drive unit




PL = LH – 10 mm
Round down to the nearest tenth

| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the runner |
| LH | Internal cabinet height |
| PL | Bracket profile length |

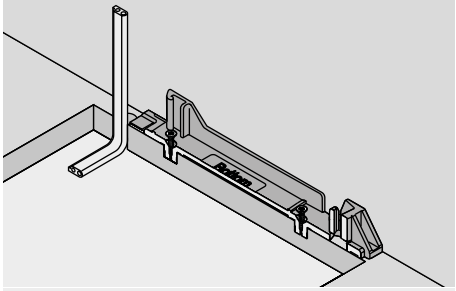
### Position – drive unit

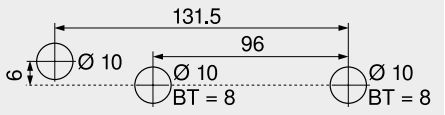
| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–428 | | ≥ 429 | |
| | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| MOVENTO | ≥ 79 | – | – | 60 | 84 | 35 | 54 |
| TANDEM | ≥ 79 | 55 | 81 | 55 | 81 | 35 | 61 |

| | | |
|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the runner | |

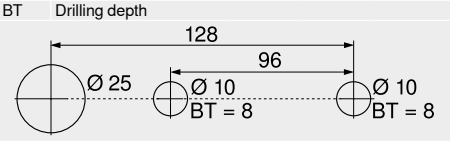
### Cabinet bottom – drilling pattern

#### Lower cabling



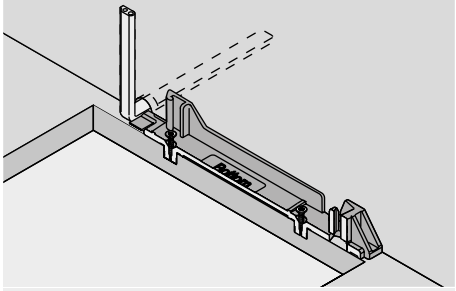


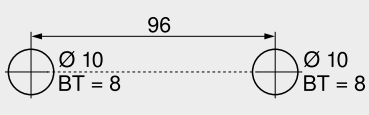

BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

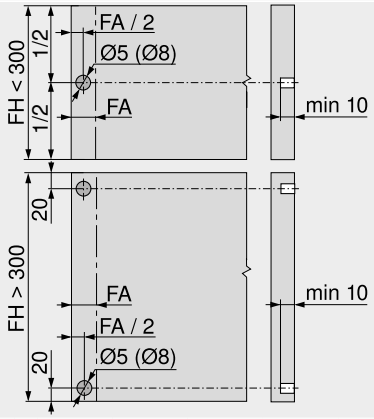
#### Back cabling






BT Drilling depth

### Front assembly – position of Blum distance bumper



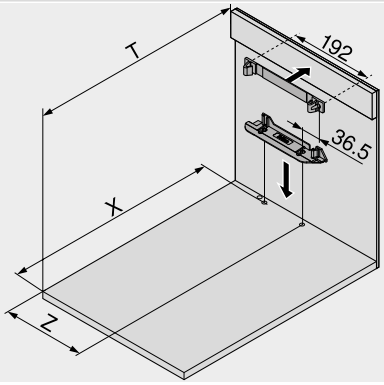

The Blum distance bumper creates and maintains the required trigger path of 2 mm

| | |
|---|---|
| FA | Front overlay |
| FH | Front height |

# Standard cabinet

## Planning – vertical cross member

### Drilling distances – base | cross bar



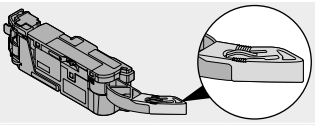

| Drawer height SKH (mm) | X (mm) | T (mm) |
|---|---|---|
| ≥ 79 | NL + 16 | NL + 31 |

NL Nominal length
X Drilling position
T Position front edge/cross member
Z Dimension of engagement

Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

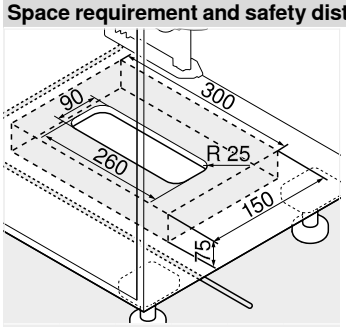
| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–388 | | 389–428 | | ≥ 429 | |
| | | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension |
| MOVENTO | ≥ 79 | – | – | 164 | ● | 164 | ● | LW / 2 | ● |
| TANDEM | ≥ 79 | 164 | – | 164 | ● | LW / 2 | ● | LW / 2 | ● |

LW Internal cabinet width
Z Dimension of engagement
● Required
– Not possible

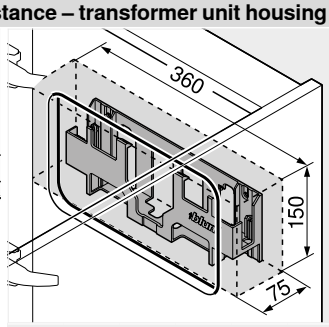


Lever extension

### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | Overview – assembly devices | 595 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | More technical details | 686 | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Planning – horizontal cross member | 494 | | | www.blum.com/a450 | |
| Accessories | 522 | | | | |

## SERVO-DRIVE uno for bottom mount waste bin solutions – MOVENTO | TANDEM

Webcode DQE7FY



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- Suitable for individual applications
- For bottom mount waste bin solutions
- Also ideal for retrofitting
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Simple and quick assembly of pre-mounted parts



### Order information

**18 SERVO-DRIVE set**

| Network adapter | Language package | Part no. | Network adapter | Language package | Part no. |
|---|---|---|---|---|---|
| E | A | Z10NA30EA | B | A | Z10NA30BA |
| E | B | Z10NA30EB | K | D | Z10NA30KD |
| E | C | Z10NA30EC | U | G | Z10NA30UG |
| E | D | Z10NA30ED | U | J | Z10NA30UJ |
| E | E | Z10NA30EE | H | D | Z10NA30HD |
| E | F | Z10NA30EF | | | |

**Network adapter** [1]

E B K U H

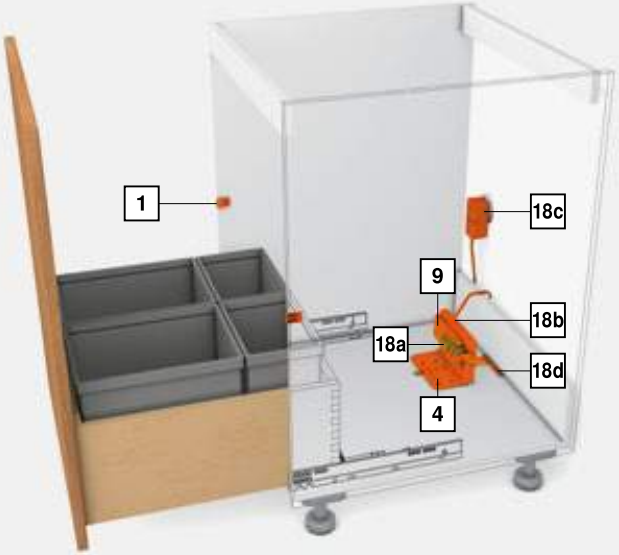
**Language package**

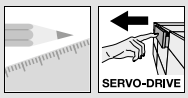
| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **J** | JA |

Other combinations available upon request
Set pre-mounted
[1] See the Information chapter for a detailed market list

**Composed of:**

| | |
|---|---|
| **1** | 2 x Blum distance bumper |
| **4** | 1 x Attachment bracket 1 tier |
| **9** | 1 x Drive unit |
| **18a** | 1 x Transport protection |
| **18b** | 1 x Protection against dripping water |
| **18c** | 1 x Blum plug-in transformer 12 W |
| **18d** | 1 x Assembly |
| – | 7 x Screws for Blum distance bumper and attachment bracket |
| – | 1 x Installation instructions |
| – | 1 x Instruction leaflet |



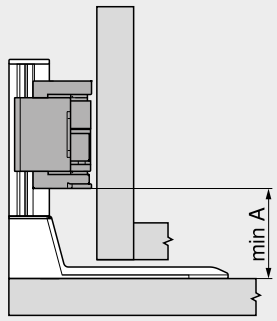



# SERVO-DRIVE uno for bottom mount waste bin solutions – MOVENTO | TANDEM

Webcode DQE7FY

## Planning

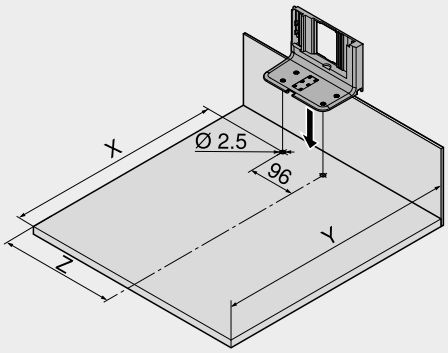
### Position – drive unit




| Runner systems | Internal cabinet width LW (mm) |
|---|---|
| | ≥ 429 |
| | A (mm) |
| MOVENTO | 47 |
| TANDEM | 47 |

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

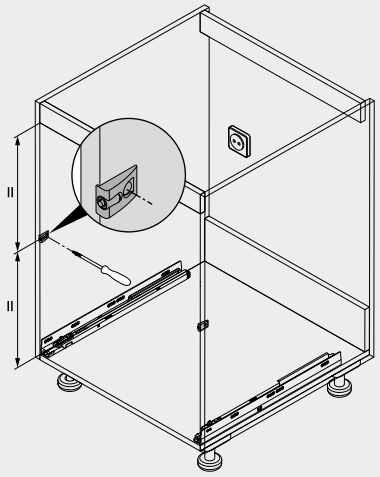
### Drilling distances – base




| Runner systems | Internal cabinet width LW (mm) | | |
|---|---|---|---|
| | ≥ 429 | | |
| | X (mm) | Y (mm) | Z (mm) |
| MOVENTO | NL + 16 | NL + 30 | LW / 2 |
| TANDEM | NL + 16 | NL + 30 | LW / 2 |

NL Nominal length
X Drilling position
Y Min. space requirement
Z Dimension of engagement

### Position – Blum distance bumper



The Blum distance bumper creates and maintains the required trigger path of 2 mm

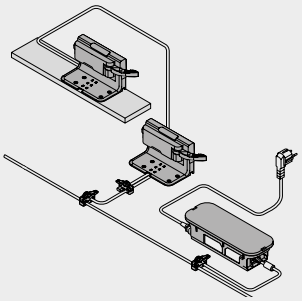
## Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| SERVO-DRIVE uno – market list | 706 | | | www.blum.com/a450 | |
| Overview – assembly devices | 595 | | | | |

## Sink cabinet



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With attachment bracket
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



### Order information

**1a Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.

**5 Attachment bracket 1 tier**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D0311 |

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**9a Protection against dripping water**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D0316 |

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13 Blum transformer 24 W**



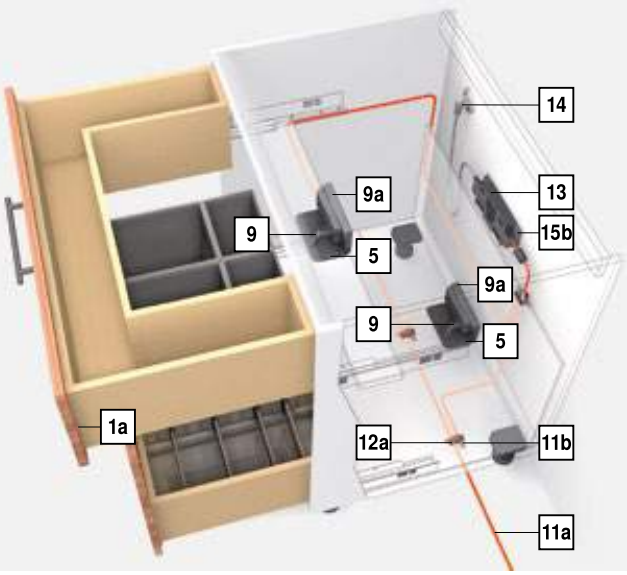
| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639



## Sink cabinet

### Order information

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

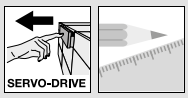
For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | W | White |
| S | Black | ZN | Zinc plated |
| WGR | White grey | | |



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Planning | 502 | | | www.blum.com/a450 | |
| Accessories | 522 | | | | |
| Overview – assembly devices | 595 | | | | |

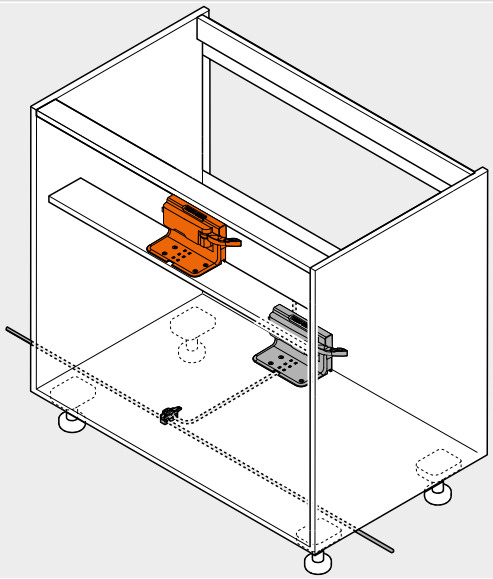




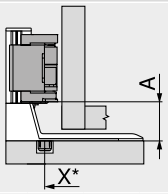

# Sink cabinet

## Planning

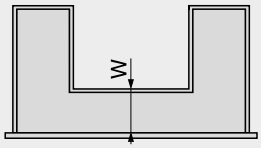
### Cabinet



### Cross member – attachment bracket 1 tier




Centre piece
X Drilling position
* Measured from cabinet front edge

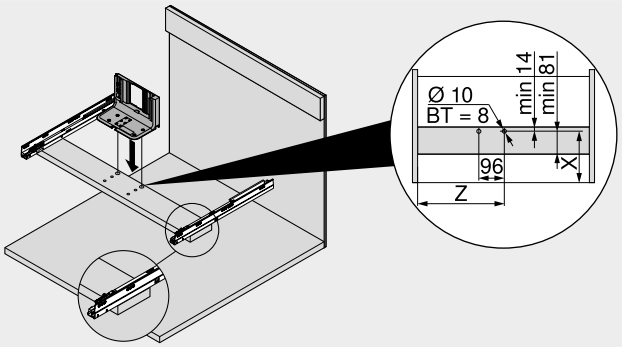



W Distance between the front edge of the drawer base and the centre piece
Min. 100 mm

| Runner systems | Drawer height SKH (mm) | A (mm) |
|---|---|---|
| MOVENTO | ≥ 79 | 35 |
| TANDEM | ≥ 79 | 35 |

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

### Cross member – attachment bracket 1 tier

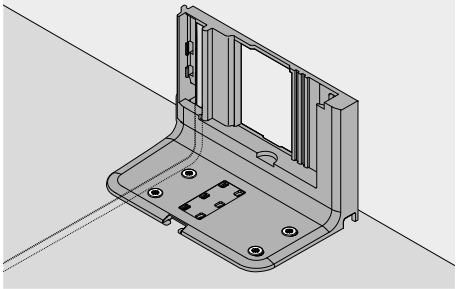


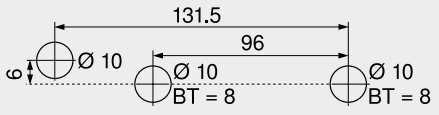

| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) ≥ 429 | |
|---|---|---|---|
| | | X (mm) | Z (mm) |
| MOVENTO | ≥ 79 | W + 24 | LW / 2 |
| TANDEM | ≥ 79 | W + 24 | LW / 2 |

X Drilling position
Z Dimension of engagement
W Distance between the front edge of the drawer base and the centre piece
BT Drilling depth

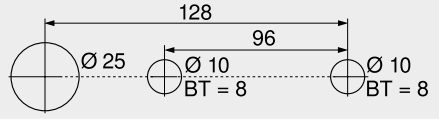
### Cabinet bottom – drilling pattern

#### Lower cabling



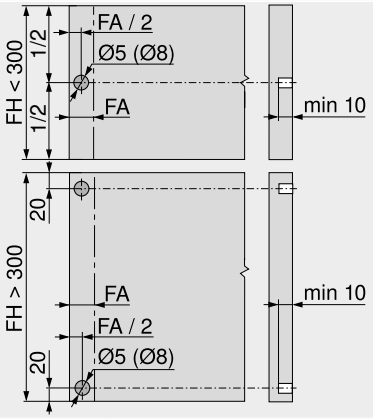



BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

### Front assembly – position of Blum distance bumper

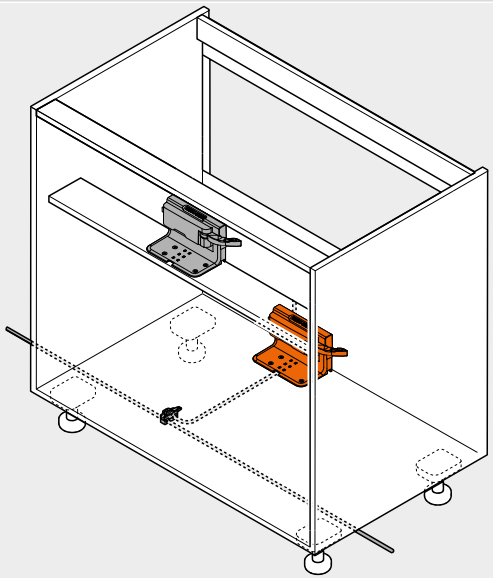



The Blum distance bumper creates and maintains the required trigger path of 2 mm
FA Front overlay
FH Front height

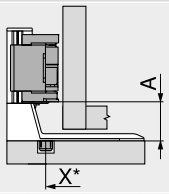
# Sink cabinet

## Planning

### Cabinet



### Cabinet bottom – attachment bracket 1 tier

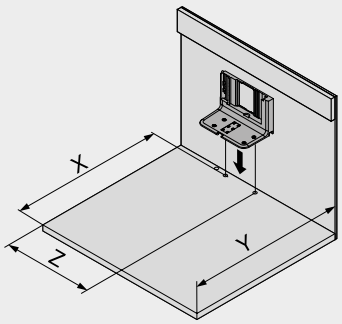



| | |
|---|---|
| X | Drilling position |
| * | Measured from cabinet front edge |

| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) |
|---|---|---|
| | | ≥ 429 |
| | | A (mm) |
| MOVENTO | ≥ 79 | 35 |
| TANDEM | ≥ 79 | 35 |

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

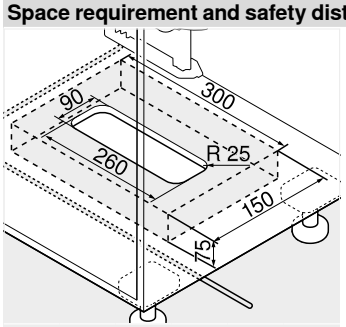
### Cabinet bottom – attachment bracket 1 tier



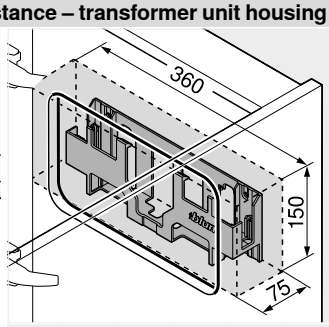

| Drawer height SKH (mm) | X (mm) | Y (mm) | Z (mm) |
|---|---|---|---|
| ≥ 79 | NL + 16 | NL + 30 | LW / 2 |

| | |
|---|---|
| LW | Internal cabinet width |
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |
| Z | Dimension of engagement |

### Space requirement and safety distance – transformer unit housing



Base fixing



Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

## Page instructions

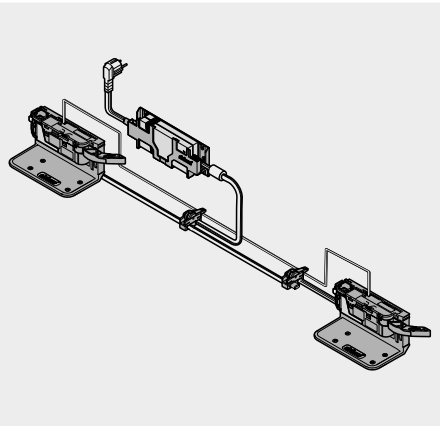

| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Accessories | 522 | | | www.blum.com/a450 | |
| Overview – assembly devices | 595 | | | | |




## Two drawers with a continuous front



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- Synchronised triggering of two drawers and | or wide applications
- With attachment bracket
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



### Order information

**1a Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.

**5 Attachment bracket 1 tier**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D0311 |

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

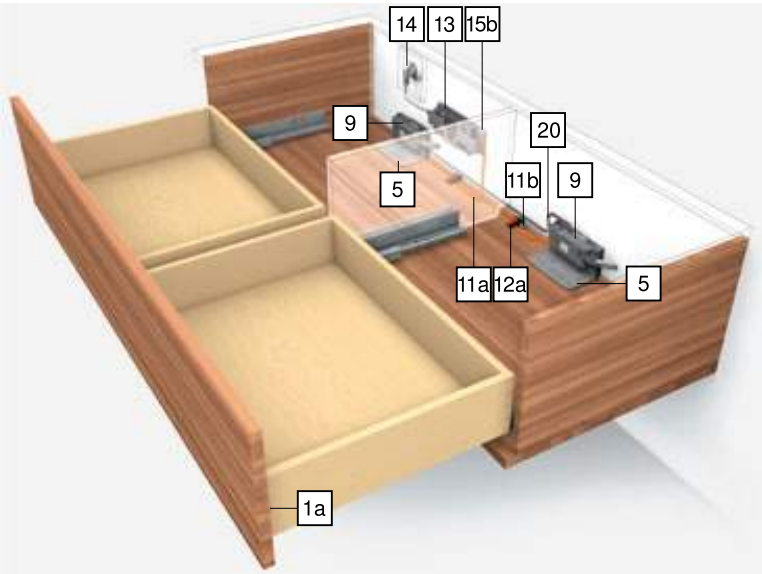
Language descriptions as per ISO-639

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug






## Two drawers with a continuous front

### Order information

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

**20 Synchronisation cable**



| Length (mm) | Part no. |
|---|---|
| 80 | Z10K008S |
| 500 | Z10K050S |
| 1200 | Z10K120S |
| 1600 | Z10K160S |

Connects two drive units that need to activate simultaneously

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

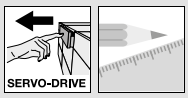
For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | WGR | White grey |
| S | Black | W | White |



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | **Short-URL** | |
| Planning | 506 | | | www.blum.com/a450 | |
| Accessories | 522 | | | | |
| Overview – assembly devices | 595 | | | | |

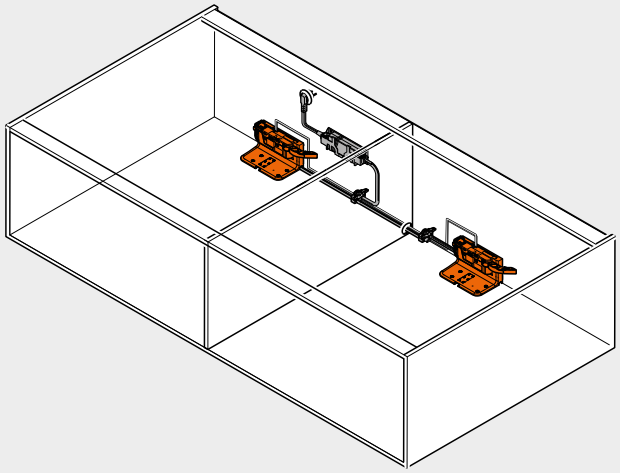




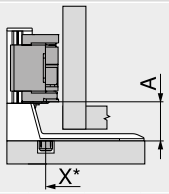

## Two drawers with a continuous front

### Planning

#### Cabinet



#### Cabinet bottom – attachment bracket 1 tier

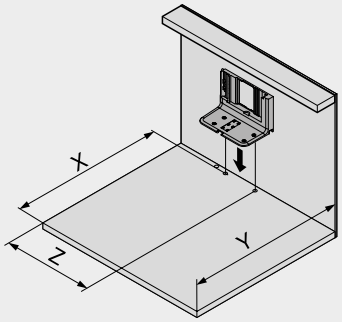



| | |
|---|---|
| X | Drilling position |
| * | Measured from cabinet front edge |

| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) |
|---|---|---|
| | | ≥ 429 |
| | | A (mm) |
| MOVENTO | ≥ 79 | 35 |
| TANDEM | ≥ 79 | 35 |

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

#### Cabinet bottom – attachment bracket 1 tier

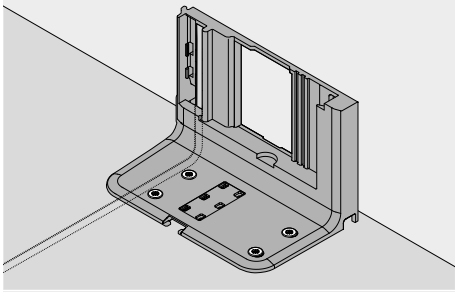


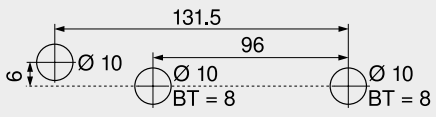

| Drawer height SKH (mm) | X (mm) | Y (mm) | Z (mm) |
|---|---|---|---|
| ≥ 79 | NL + 16 | NL + 30 | LW / 2 |

| | |
|---|---|
| LW | Internal cabinet width |
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |
| Z | Dimension of engagement |

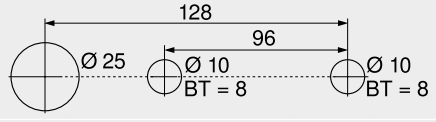
#### Cabinet bottom – drilling pattern

##### Lower cabling



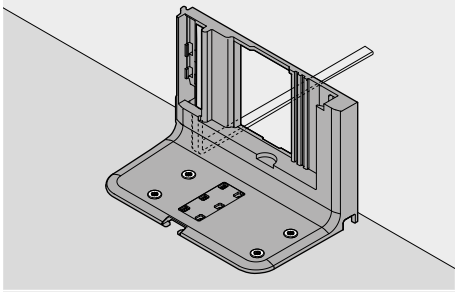


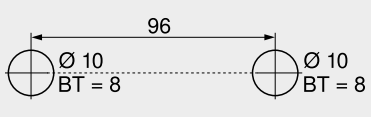

BT Drilling depth




Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

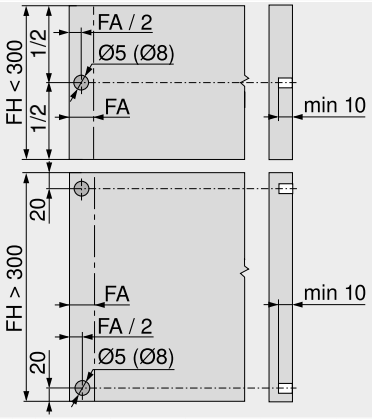
##### Back cabling






BT Drilling depth

#### Front assembly – position of Blum distance bumper



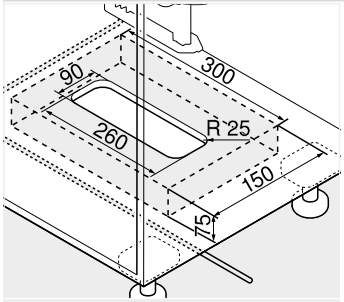

The Blum distance bumper creates and maintains the required trigger path of 2 mm

| | |
|---|---|
| FA | Front overlay |
| FH | Front height |

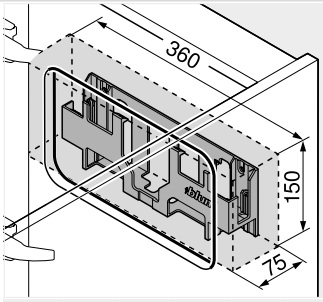
## Two drawers with a continuous front

### Planning

#### Space requirement and safety distance – transformer unit housing



Base fixing



Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

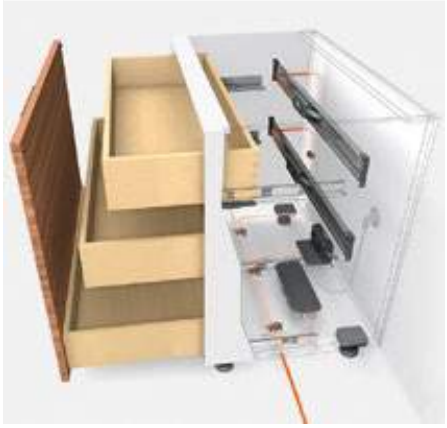
Air must be able to circulate, otherwise the Blum transformer could overheat



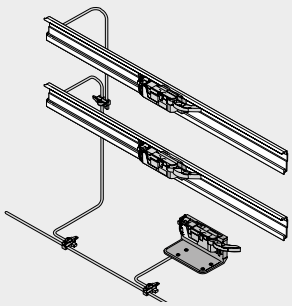
**Page instructions**


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Accessories | 522 | | | www.blum.com/a450 | |
| Overview – assembly devices | 595 | | | | |

## Cabinet with different drawer depths | inner drawer



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With attachment bracket and horizontal bracket profile
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



### Order information

**1a Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.

**1b Blum distance bumper – inner drawer**



| Runner systems | Diameter (mm) | Part no. |
|---|---|---|
| TANDEM | Ø 10 | 993.2000 |

Adjustable Blum distance bumper for inner drawers and inset fronts with TANDEM

**1b Depth adjustment – inner drawer**



| Runner systems | Colour | Part no. |
|---|---|---|
| MOVENTO | R7037 | 298.7600 |

Only for inset applications
SERVO-DRIVE integrated bumper
Suitable for T51.7601 locking device

**5 Attachment bracket 1 tier**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D0311 |

**6 Bracket profile horizontal**



| Material | Length (mm) | Part no. |
|---|---|---|
| Aluminium | 1143 | Z10T1143B |

For cabinet width KB 275–1200 mm
**a** Cutting — Internal cabinet width LW – 19 mm

**7 Horizontal bracket profile attachment**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D5210 |

**Composed of:**
**7a** 1 x Bracket profile attachment left/right
**7b** 1 x Bracket profile adapter for drive unit
Chipboard screws and system screws can be used

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

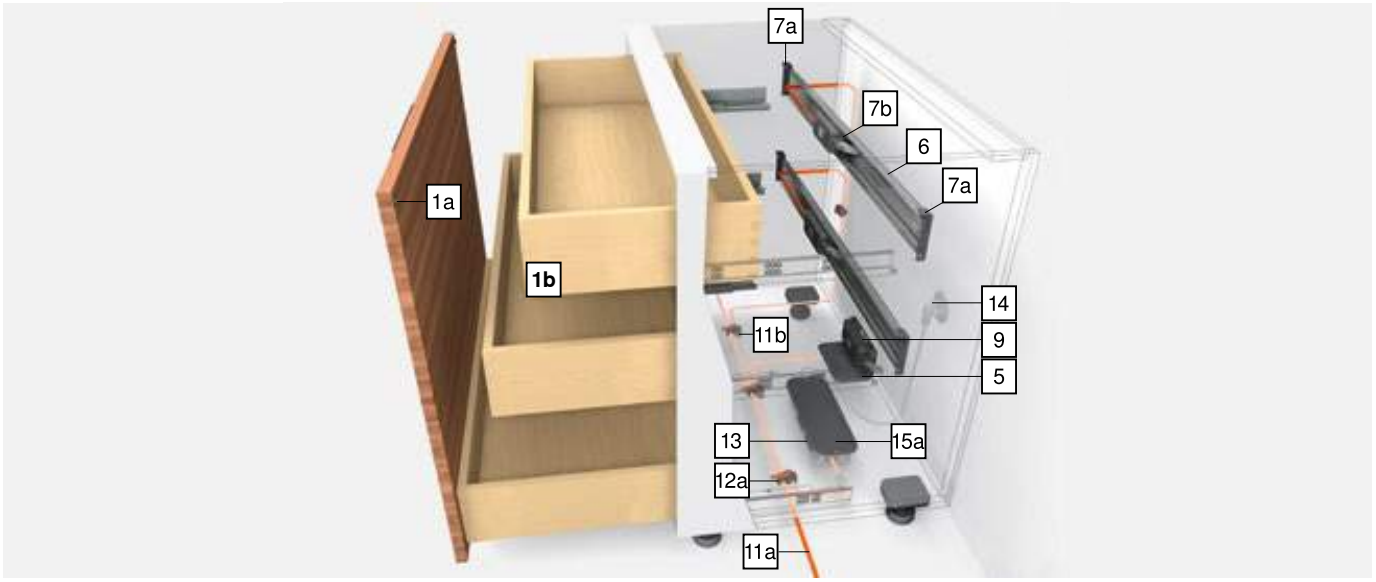
**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector



## Cabinet with different drawer depths | inner drawer

### Order information

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

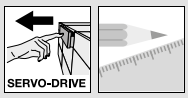
For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | W | White |
| S | Black | ZN | Zinc plated |
| WGR | White grey | | |



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Planning | 510 | | | www.blum.com/a450 | |
| Accessories | 522 | | | | |
| Overview – assembly devices | 595 | | | | |

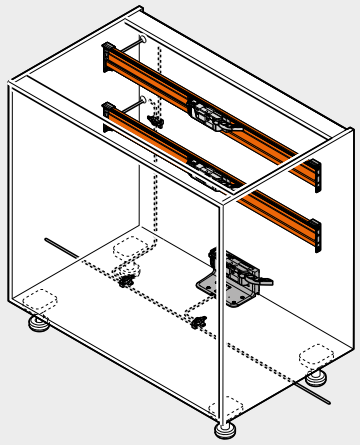




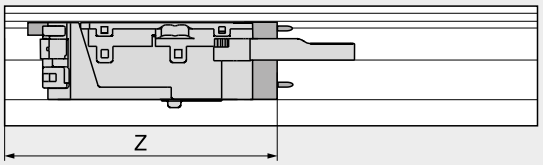

## Cabinet with different drawer depths | inner drawer

### Planning – bracket profile horizontal

#### Cabinet



#### Position – drive unit



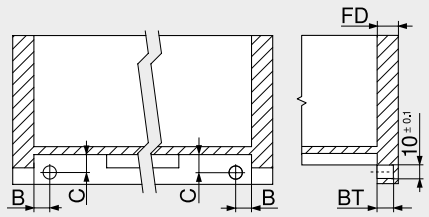

Z Dimension of engagement

#### Position – drive unit

| Runner | Drawer height SKH (mm) | Internal cabinet width LW (mm) |
|---|---|---|
| | | ≥ 429 |
| | | Z (mm) |
| MOVENTO | ≥ 79 | LW / 2 |
| TANDEM | ≥ 79 | LW / 2 |

Z Dimension of engagement

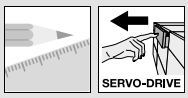
#### Front assembly – position of Blum distance bumper




TANDEM
Inner drawer
The Blum distance bumper creates and maintains the required trigger path of 2 mm

| Runners | Pull-out type | B (mm) | C (mm) |
|---|---|---|---|
| 56XH | Full extension | 16.5 ±1 | 12.0 ±1 |
| 55XH | Single extension | 18.5 ±0.5 | 13.5 ±0.5 |

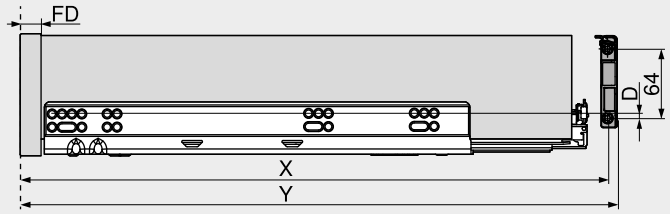
| Front thickness FD (mm) | Drilling depth BT (mm) | Adjustment area (mm) |
|---|---|---|
| 13.0 | 10.0 | +1.75 / –0.25 |
| Starting at 14.5 | 11.5 | ±1.75 |



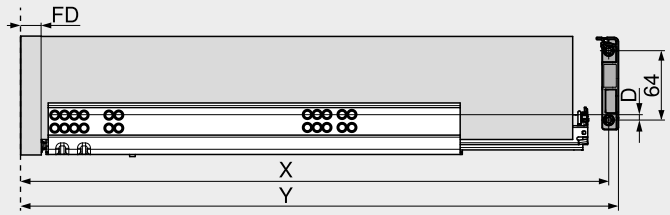

## Cabinet with different drawer depths | inner drawer

### Planning – bracket profile horizontal

#### Drilling distances




MOVENTO




TANDEM

| Drawer height SKH (mm) | X (mm) | Y (mm) |
|---|---|---|
| ≥ 79 | NL + FD + 26 | NL + FD + 36 |

| | |
|---|---|
| FD | Front thickness |
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |

Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

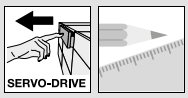
| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) ≥ 429 D (mm) |
|---|---|---|
| MOVENTO | ≥ 79 | 19 |
| TANDEM | ≥ 79 | 19 |

| | |
|---|---|
| D | Distance from cabinet profile fixing position to bracket profile attachment fixing position |



**Page instructions**


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
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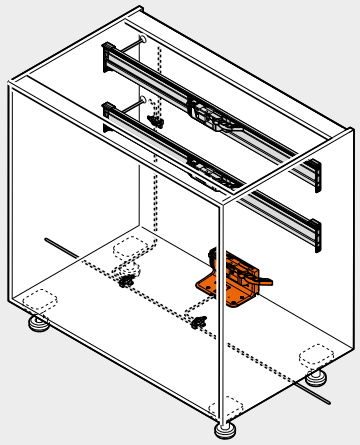




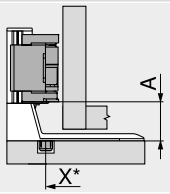

## Cabinet with different drawer depths | inner drawer

### Planning – attachment bracket 1 tier

#### Cabinet



#### Cabinet bottom – attachment bracket 1 tier

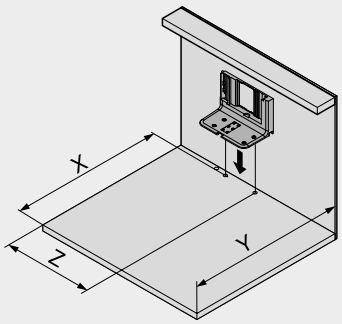



| | |
|---|---|
| X | Drilling position |
| * | Measured from cabinet front edge |

| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) |
|---|---|---|
| | | ≥ 429 |
| | | A (mm) |
| MOVENTO | ≥ 79 | 35 |
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A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

### Cabinet bottom – attachment bracket 1 tier

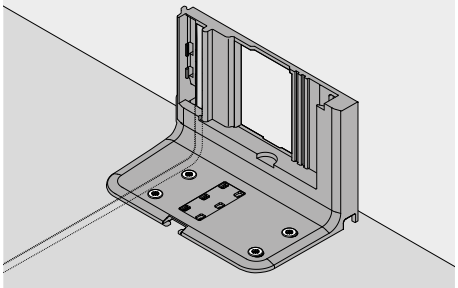


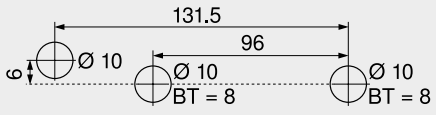

| Drawer height SKH (mm) | X (mm) | Y (mm) | Z (mm) |
|---|---|---|---|
| ≥ 79 | NL + 16 | NL + 30 | LW / 2 |

| | |
|---|---|
| LW | Internal cabinet width |
| NL | Nominal length |
| X | Drilling position |
| Y | Min. space requirement |
| Z | Dimension of engagement |

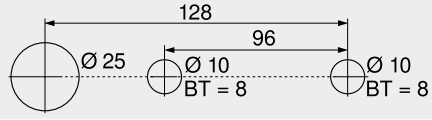
### Cabinet bottom – drilling pattern

#### Lower cabling





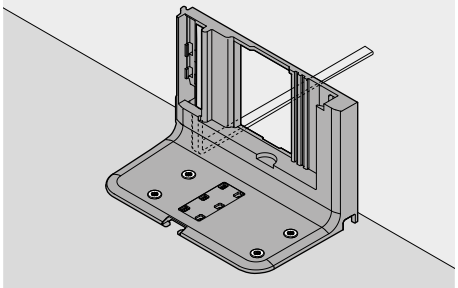

BT Drilling depth

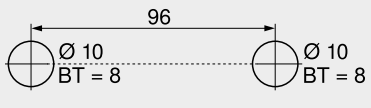



Alternative drilling pattern for PRO-CENTER and MINIPRESS

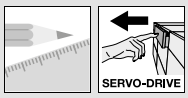
BT Drilling depth

#### Back cabling





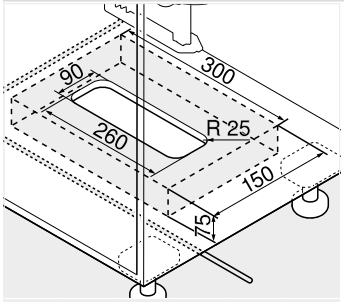

BT Drilling depth



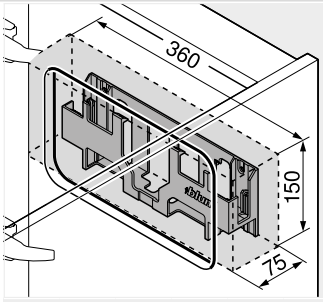

## Cabinet with different drawer depths | inner drawer

### Planning

#### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat



**Page instructions**

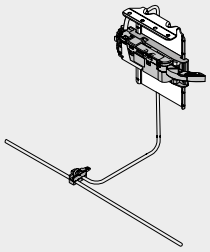

| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
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| Accessories | 522 | | | www.blum.com/a450 | |
| Overview – assembly devices | 595 | | | | |




## Cabinet with individual drawer



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With upper attachment bracket
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



### Order information

**1a Blum distance bumper**



| Diameter (mm) | Part no. |
|---|---|
| Ø 5 | 993.0530 |
| Ø 8 | 993.0830.01 |

Up to front height 300 mm use 2 pcs.
Front height 300 mm and higher use 4 pcs.

**8 Upper attachment bracket**



| Material | Colour | Part no. |
|---|---|---|
| Steel | R7037/ZN | Z10D6252 |

Incl. pre-mounted adapter for the drive unit

**9 Drive unit**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**11 Distribution cable and cable end protector**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639



## Cabinet with individual drawer

### Order information

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

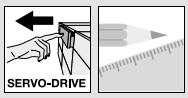
For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | W | White |
| S | Black | ZN | Zinc plated |
| WGR | White grey | | |



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | Assembly, removal and adjustment | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Planning | 516 | | | www.blum.com/a450 | |
| Accessories | 522 | | | | |
| Overview – assembly devices | 595 | | | | |

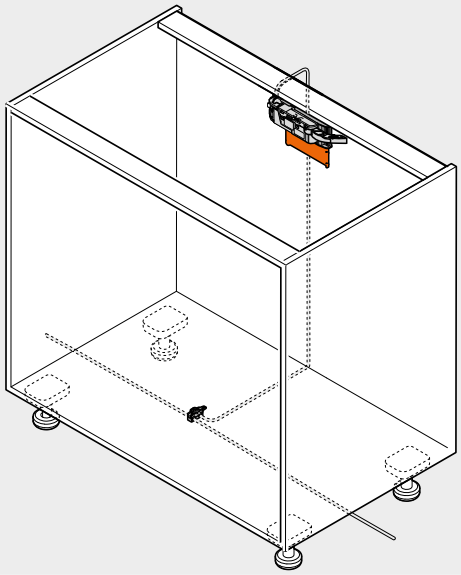




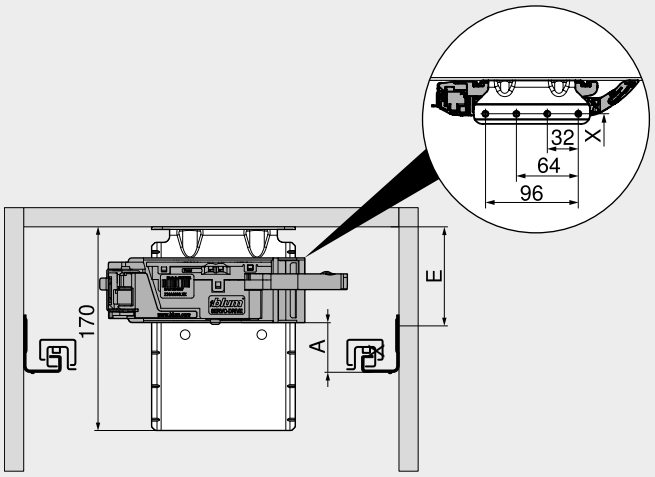

## Cabinet with individual drawer

### Planning

#### Cabinet



#### Position – drive unit




| | |
|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the runner |
| X | Drilling position |

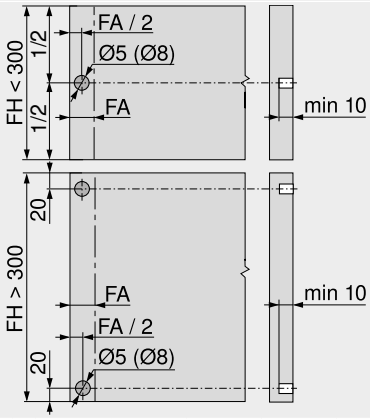
The cross bar must be connected to the work plate to make it secure

#### Position – drive unit

| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–428 | | ≥ 429 | |
| | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| MOVENTO | ≥ 79 | – | – | 60 | 84 | 35 | 54 |
| TANDEM | ≥ 79 | 55 | 81 | 55 | 81 | 35 | 61 |

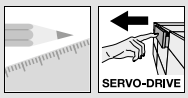
| | | |
|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the runner | |

#### Front assembly – position of Blum distance bumper




The Blum distance bumper creates and maintains the required trigger path of 2 mm

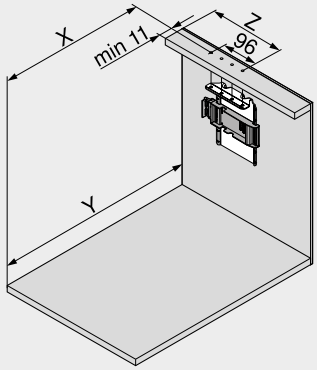
| | |
|---|---|
| FA | Front overlay |
| FH | Front height |




## Cabinet with individual drawer

### Planning

### Drilling distances



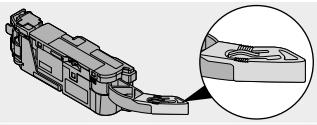

| Drawer height SKH (mm) | X (mm) | Y (mm) |
|---|---|---|
| ≥ 79 | NL – 5 | NL + 30 |

NL Nominal length
X Drilling position
Y Min. space requirement

Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

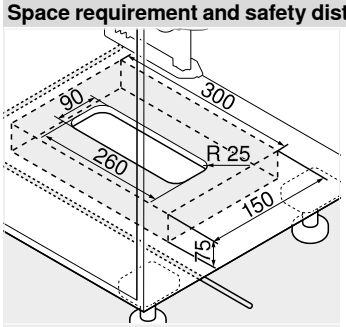
| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–388 | | 389–428 | | ≥ 429 | |
| | | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension |
| MOVENTO | ≥ 79 | – | – | 164 | ● | 164 | ● | LW / 2 | ● |
| TANDEM | ≥ 79 | 164 | – | 164 | ● | LW / 2 | ● | LW / 2 | ● |

LW Internal cabinet width
Z Dimension of engagement
● Required
– Not possible

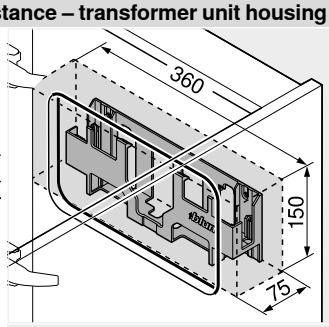


Lever extension

### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

**Attention**

Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

### Page instructions

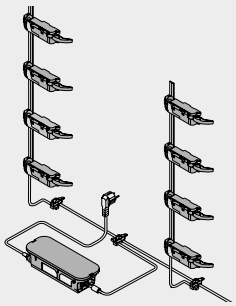

| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Accessories | 522 | | | www.blum.com/a450 | |
| Overview – assembly devices | 595 | | | | |




## Cabinet with inset fronts



- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With vertical bracket profile
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Tool-free assembly
- Simple cabling



### Order information

**1b** Blum distance bumper – inner drawer



| Runner systems | Diameter (mm) | Part no. |
|---|---|---|
| TANDEM | Ø 10 | 993.2000 |

Adjustable Blum distance bumper for inner drawers and inset fronts with TANDEM

**1b** Depth adjustment – inner drawer



| Runner systems | Colour | Part no. |
|---|---|---|
| MOVENTO | R7037 | 298.7600 |

Only for inset applications
SERVO-DRIVE integrated bumper
Suitable for T51.7601 locking device

**2** Bracket profile



| Length (mm) | Material | Cable | Part no. |
|---|---|---|---|
| 650 | Aluminium | ● | Z10T650AA |
| 700 | Aluminium | ● | Z10T700AA |
| 710 | Aluminium | ● | Z10T710AA |
| 750 | Aluminium | ● | Z10T750AA |
| 800 | Aluminium | ● | Z10T800AA |
| 1170 | Aluminium | – | Z10T1170A |

For cutting to size
● With cable
– Without cable
**a** Cutting Internal cabinet height LH – 10 mm

**3a** Bracket profile attachment top/bottom
Cross bar construction horizontal



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01E0.01 |

Alternative to 3a

**3b** Bracket profile attachment lower/back
Cross bar construction vertical



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10D01EA.01 |

Incl. bracket profile cover cap

**9** Drive unit



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10A3000.03 |

Includes pre-assembled lever extension

**11** Distribution cable and cable end protector



| Length (mm) | Colour | Part no. |
|---|---|---|
| 8 | S | Z10K800AE |

**Composed of:**
**11a** 1 x Distribution cable
**11b** 5 x Cable end protector
Can be used as a distribution, bracket profile and communications cable
For cutting to size



## Cabinet with inset fronts

### Order information

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**
**12a** 1 x Connecting node
**11b** 2 x Cable end protector

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| **A** | DE, EN, FR, IT, NL | **E** | CS, HU, PL, SK |
| **B** | DA, EN, FI, NO, SV | **F** | BG, ET, LT, LV, RO, RU |
| **C** | EL, EN, HR, SL, SR, TR | **G** | EN, ES, FR |
| **D** | EN, ES, FR, IT, PT | **H** | EN, ZH |

Language descriptions as per ISO-639

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

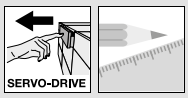
For example, for securing the distribution cable

| Colour | | Colour | |
|---|---|---|---|
| R7037 | RAL 7037 dust grey | WGR | White grey |
| S | Black | W | White |

Runner systems

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | **Short-URL** | |
| Planning | 520 | | | www.blum.com/a450 | |
| Accessories | 522 | | | | |
| Overview – assembly devices | 595 | | | | |

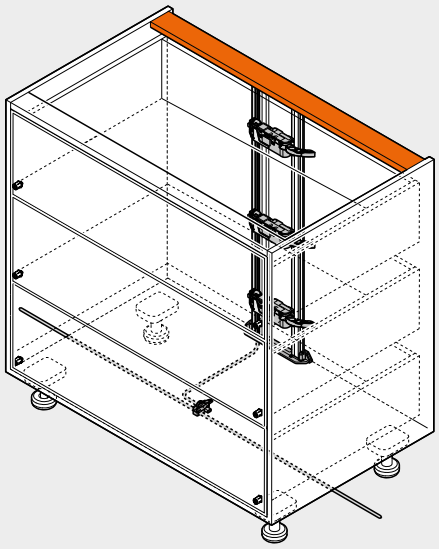




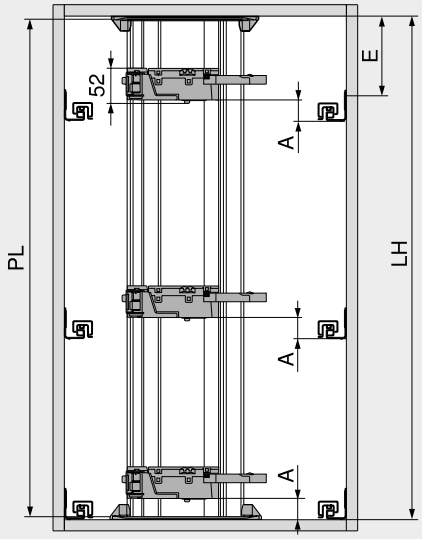

## Cabinet with inset fronts

### Planning

#### Cabinet



#### Position – drive unit




PL = LH – 10 mm
Round down to the nearest tenth

| | |
|---|---|
| LH | Internal cabinet height |
| PL | Bracket profile length |

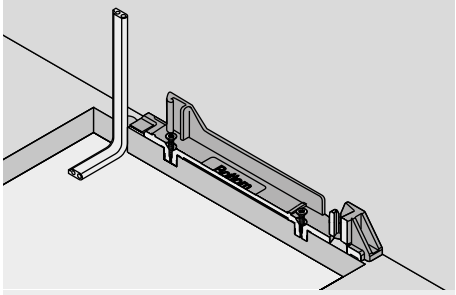
#### Position – drive unit

| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | |
|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–428 | | ≥ 429 | |
| | | A (mm) | E min. (mm) | A (mm) | E min. (mm) | A (mm) | E min. (mm) |
| MOVENTO | ≥ 79 | – | – | 60 | 74 | 35 | 49 |
| TANDEM | ≥ 79 | 55 | 76 | 55 | 76 | 35 | 46 |

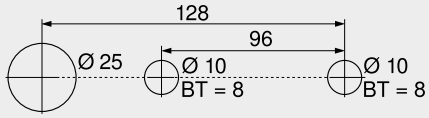
| | | |
|---|---|---|
| A | Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit | – Not possible |
| E | Distance between the bottom edge of the cabinet top panel and the fixing position of the runner | |

#### Cabinet bottom – drilling pattern

##### Lower cabling



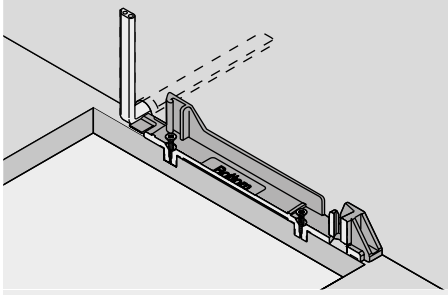

| | |
|---|---|
| BT | Drilling depth |




Alternative drilling pattern for PRO-CENTER and MINIPRESS

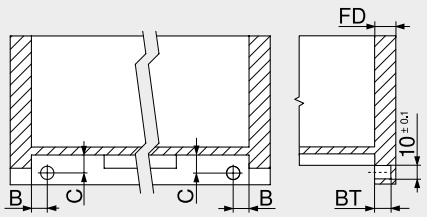
| | |
|---|---|
| BT | Drilling depth |

##### Back cabling




| | |
|---|---|
| BT | Drilling depth |

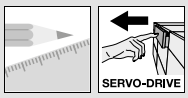
#### Front assembly – position of Blum distance bumper




TANDEM
Inner drawer
The Blum distance bumper creates and maintains the required trigger path of 2 mm

| Runners | Pull-out type | B (mm) | C (mm) |
|---|---|---|---|
| 56XH | Full extension | 16.5 ±1 | 12.0 ±1 |
| 55XH | Single extension | 18.5 ±0.5 | 13.5 ±0.5 |

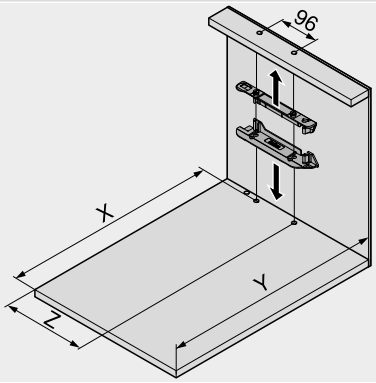
| Front thickness FD (mm) | Drilling depth BT (mm) | Adjustment area (mm) |
|---|---|---|
| 13.0 | 10.0 | +1.75 / –0.25 |
| Starting at 14.5 | 11.5 | ±1.75 |




## Cabinet with inset fronts

### Planning

#### Drilling distances – base | cross bar



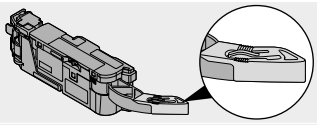

| Drawer height SKH (mm) | X (mm) | Y (mm) |
|---|---|---|
| ≥ 79 | NL + FD + 18 | NL + FD + 34 |

FD Front thickness
NL Nominal length
X Drilling position
Y Min. space requirement

Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

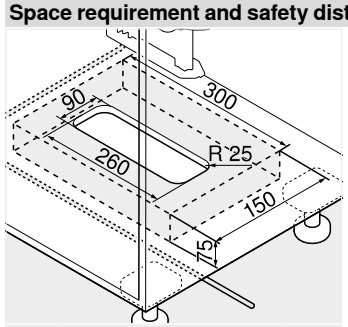
| Runner systems | Drawer height SKH (mm) | Internal cabinet width LW (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 224–234 | | 235–388 | | 389–428 | | ≥ 429 | |
| | | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension | Z (mm) | Lever extension |
| MOVENTO | ≥ 79 | – | – | 164 | ● | 164 | ● | LW / 2 | ● |
| TANDEM | ≥ 79 | 164 | – | 164 | ● | LW / 2 | ● | LW / 2 | ● |

LW Internal cabinet width
Z Dimension of engagement
● Required
– Not possible

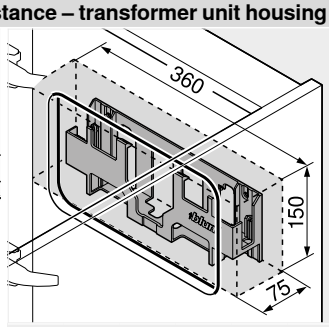


Lever extension

#### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

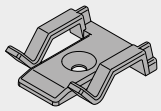
**Attention**
Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – SERVO-DRIVE for MOVENTO \| TANDEM | 491 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Overview – MOVENTO | 437 | | | | |
| Overview – TANDEM | 465 | | | Short-URL | |
| Accessories | 522 | | | www.blum.com/a450 | |
| Overview – assembly devices | 595 | | | | |

## Cable holder



- Material: nylon
- Colour: white

**Order information**

| Description | Part no. |
|---|---|
| Cable holder | Z10K0009 |

## Synchronisation cable

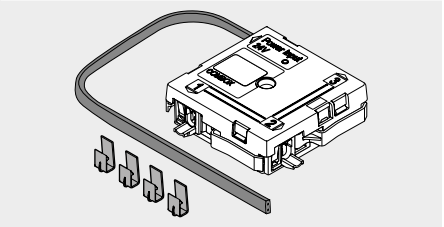


- Connects two drive units that need to activate simultaneously

**Order information**

| Length (mm) | Part no. |
|---|---|
| 80 | Z10K008S |
| 500 | Z10K050S |
| 1200 | Z10K120S |
| 1600 | Z10K160S |

## COMBOX set

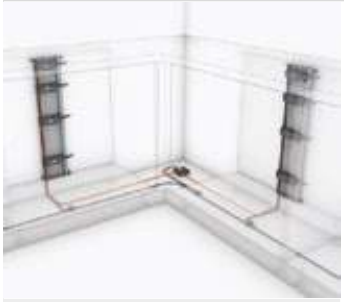


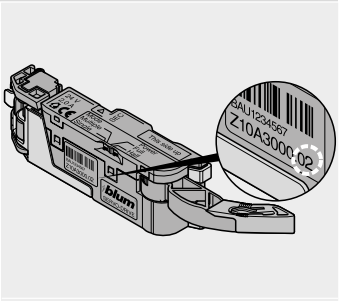
- COMBOX set
- For preventing front collisions when using SERVO-DRIVE in corner situations
- Includes all assembly and cabling components

**Order information**

| Description | Part no. |
|---|---|
| COMBOX set | Z10ZC00A |

### Application






Suitable starting with drive unit Z10A3000.**02**

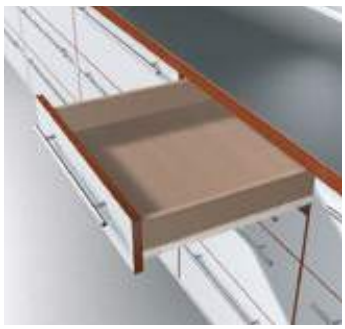
## Simple. Proven. Economical.



STANDARD runner technology has proved itself time and time again over the years. It is the optimum entry level product for a functional wood furniture construction.







**The success of STANDARD is based on a simple concept:**

- Good runner action
- High lateral stability
- Full and single extension



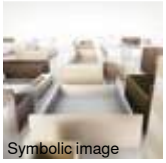
**Quality – for the lifetime of the furniture**

As with all of Blum's products, STANDARD fulfils the high demands that we place on ourselves for function that will last for the lifetime of the furniture



The STANDARD runner system is quick and easy to install thanks to its minimal number of components. Our range of assembly devices supports planning implementation easily and precisely

## Runner systems

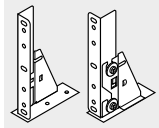

Symbolic image


| | |
|---|---|
| Overview – runner systems | 435 |
| ► MOVENTO | 436 |
| ► TANDEM | 464 |


| Applications | kg | Webcode | Page |
|---|---|---|---|
| **▸▸ Full extension** | | | |
|  STANDARD – 430E | 30 | DQD7JY | 526 |
| **▸▸ Single extension** | | | |
|  STANDARD – 230M \| 230E | 25 | DQD89A | 528 |

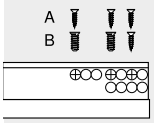
kg Dynamic carrying capacity

### ▸▸ Accessories


Symbolic image


| | | | |
|---|---|---|---|
| Front adjuster | 530 | Centre bit | 532 |
| Corner connectors | 530 | Door buffer | 532 |
| Gallery rail for pull-out surround corner connectors | 531 | Screwdriver | 533 |
| Front adjustment element | 531 | | |
| Door protector | 532 | | |
| Screws | 532 | | |

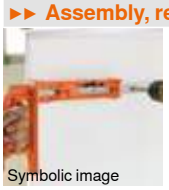

### ▸▸ Cabinet profile fixing positions



Symbolic image


| | |
|---|---|
| Cabinet profile 430E – 30 kg | 534 |
| Cabinet profile 230M \| 230E – 25 kg | 534 |


### ▸▸ Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a470

## Pictograph

| | |
|---|---|
| | Item Available Upon Request |
| | General Information |
| | Accessories |
| 25 | Dynamic carrying capacity (kg) |
| | Planning |
| | Cutting |



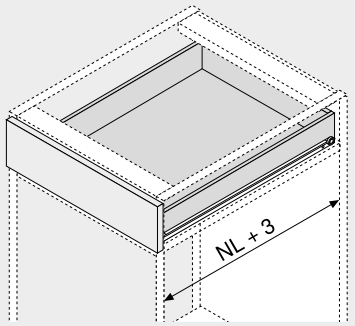

## STANDARD – 430E

Webcode DQD7JY



- BLUMATIC self closing feature with closed position stops
- Dyn. load bearing 30 kg
- Built-in locator for easy assembly
- Integrated pull-out stop (starting at 300 mm NL Nominal length)
- Two-side guided runner system
- Epoxy coated, cream (RAL 9001)

### Space requirement




NL Nominal length

### Order information

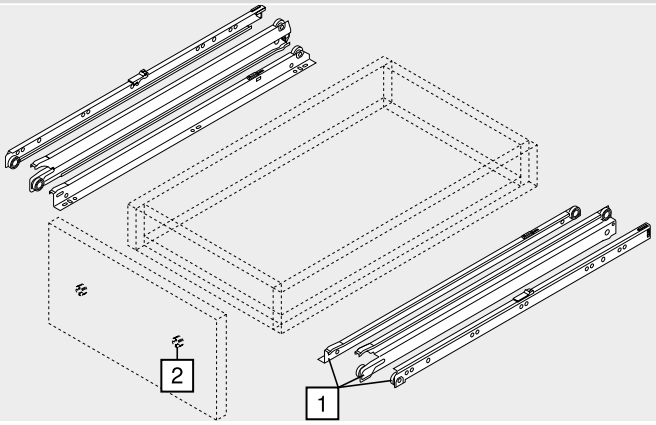
**1** Cabinet, centre and drawer profile left/right



| Nominal length NL (mm) | Colour R9001 |
|---|---|
| 250 | 430E2500 |
| 300 | 430E3000V |
| 350 | 430E3500V |
| 400 | 430E4000V |
| 450 | 430E4500V |
| 500 | 430E5000V |
| 550 | 430E5500V |
| 600 | 430E6000V |
| 650 | 430E6500V |
| 700 | 430E7000V |
| 750 | 430E7500V |
| 800 | 430E8000V |

**Colour**
R9001 RAL 9001 cream

### Drawer

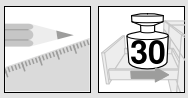



### a Accessories

**2** Front adjuster



| Material | Colour | Part no. |
|---|---|---|
| Nylon | Natural | 295.1000 |

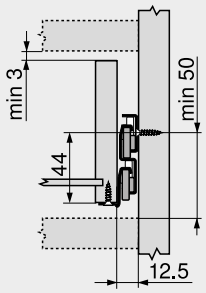



# STANDARD – 430E

Webcode
DQD7JY

## Planning

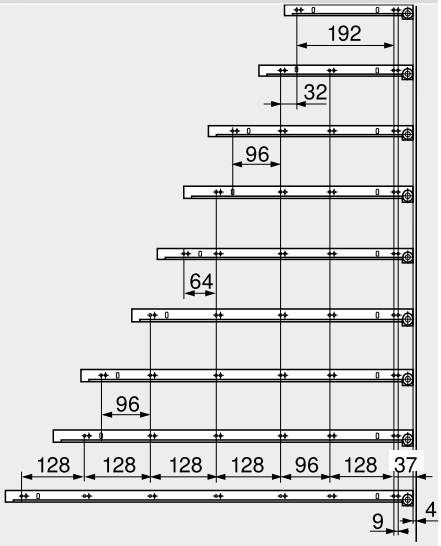
### Space requirement in cabinet




### Screw position – cabinet profiles

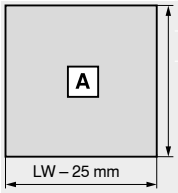
**Nominal length NL (mm)**

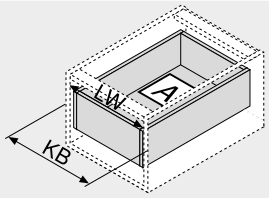
250
300, 350
400
450
500
550, 600
650
700, 750
800




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

## Page instructions


| | |
|---|---|
| Overview – STANDARD | 525 |
| Accessories | 530 |
| Cabinet profile fixing positions | 534 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

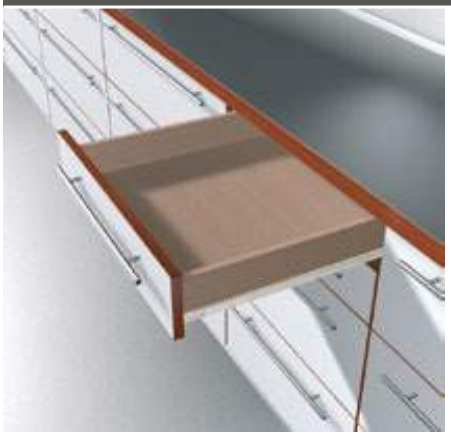
**Assembly, removal and adjustment**

Short-URL
www.blum.com/a470



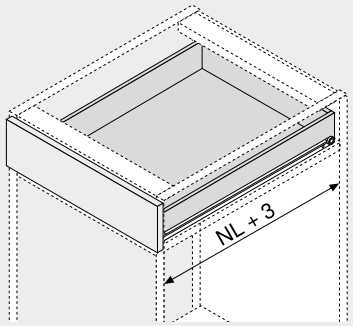

## STANDARD – 230M | 230E

Webcode DQD89A



- BLUMATIC self closing feature (230M) and/or closed position stops (230E)
- Epoxy coated, cream (RAL 9001)
- Dyn. load bearing 25 kg
- Pull-out stop (starting at 300 mm NL nominal length)
- One-side guided runner system

### Space requirement



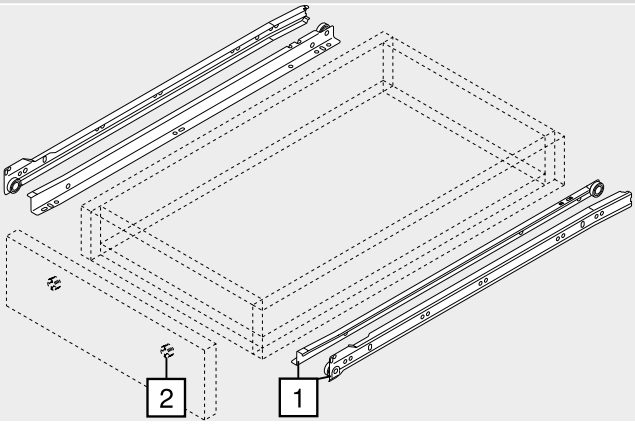

NL Nominal length

### Order information

| 1 | Cabinet and drawer profile left/right | | |
|---|---|---|---|
| Nominal length | Colour | | |
| NL (mm) | R9001 | | |
| 250 | 230M2500 | | |
| 300 | 230M3000 | | |
| 350 | 230M3500 | | |
| 400 | 230M4000 | | |
| 450 | 230M4500 | | |
| 500 | 230M5000 | | |
| 550 | 230M5500 | | |
| 600 | 230M6000 | | |
| 650 | 230M6500 | | |
| 700 | 230E7000 | | |
| 750 | 230E7500 | | |
| 800 | 230E8000 | | |

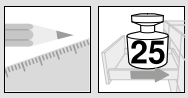
**Colour**
R9001 RAL 9001 cream

### Drawer




### a Accessories

| 2 | Front adjuster | | |
|---|---|---|---|
| | Material | Colour | Part no. |
| | Nylon | Natural | 295.1000 |



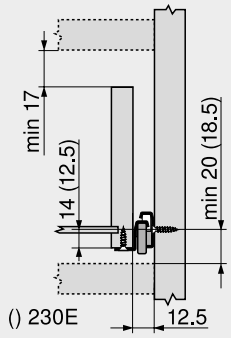



# STANDARD – 230M | 230E

Webcode
DQD89A

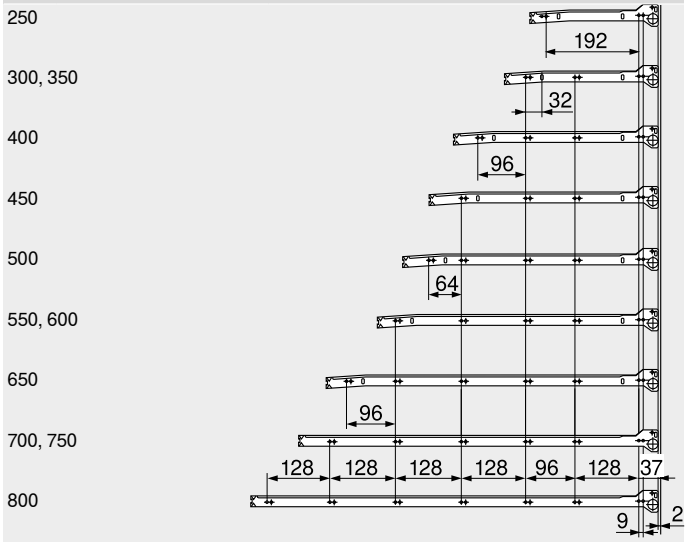
## Planning

### Space requirement in cabinet



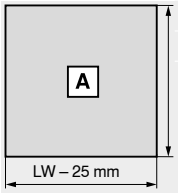

### Screw position – cabinet profiles

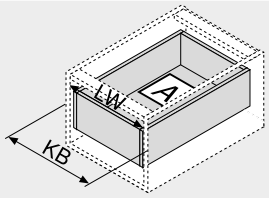
**Nominal length NL (mm)**




Internal cabinet depth LT min. = nominal length NL + 3 mm

### Cutting – 16 mm chipboard




| | |
|---|---|
| KB | Cabinet width |
| LW | Internal cabinet width |
| NL | Nominal length |

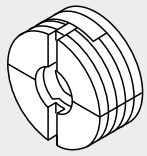
## Page instructions


| | |
|---|---|
| Overview – STANDARD | 525 |
| Accessories | 530 |
| Cabinet profile fixing positions | 534 |
| Overview – assembly devices | 595 |
| More technical details | 686 |

Assembly, removal and adjustment

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## Front adjuster

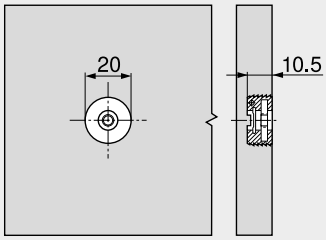


- With threaded steel washer insert
- For 4-sided drawers
- 2-dimensional front adjustment (±2 mm)
- Once the front has been adjusted, we recommend using two additional chipboard screws for better hold with high fronts
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Front adjuster | 295.1000 |

### Planning



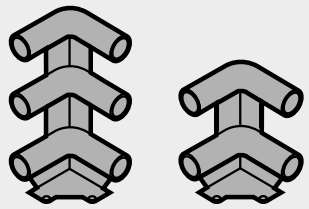

Insertion ram for MINIPRESS + PRO-CENTER MZM.0095

### Assembly

**Assembly, removal and adjustment**

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## Corner connectors



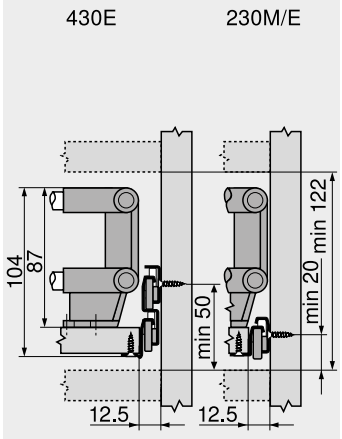
- Colour: RAL 9001 cream
- Colour: RAL 7037 dust grey
- Material: nylon

**Order information**

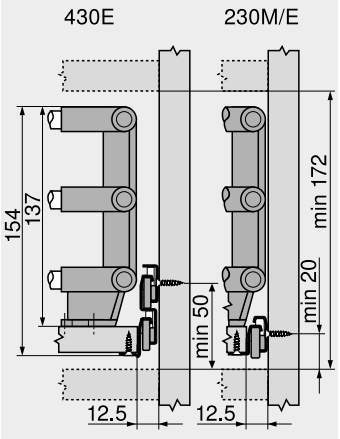
| Corner connectors | Part no. |
|---|---|
| 2 tier | ZTU.00Z0 |
| 3 tier | ZTU.00D0 |

### Planning

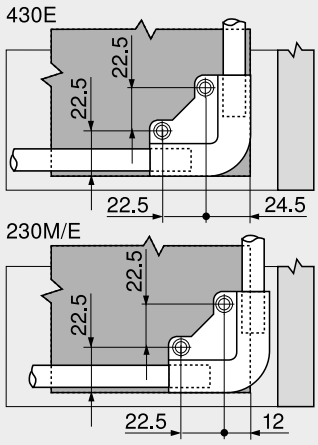
**Space requirement in cabinet With 2 tier gallery**



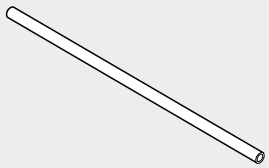

**Space requirement in cabinet With 3 tier gallery**




**Installation dimensions – corner connectors**



## Gallery rail for pull-out surround corner connectors



- For cutting to size
- Material: aluminium

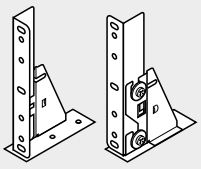
**Order information**

| Colour | Part no. |
|---|---|
| RAL 9001 cream | ZRG.1104U |
| Chrome plated | ZRG.1094U |

**Cutting**

| | |
|---|---|
| Longside gallery rail | Nominal length NL – 51 mm |
| Cross gallery rail 430E | Internal cabinet width LW – 87 mm |
| Cross gallery rail 230M \| 230E | Internal cabinet width LW – 63 mm |

## Front adjustment element



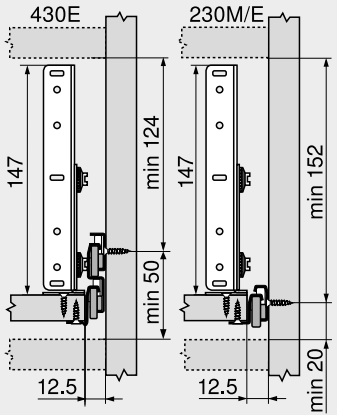
- Left/right
- 3-dimensional front adjustment
- For pull-out surrounds with front
- Material: steel
- Colour: RAL 9001 cream

**Order information**

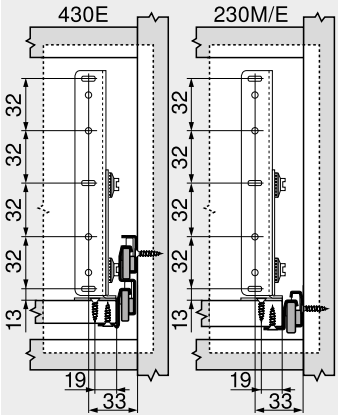
| Description | Part no. |
|---|---|
| Front adjustment element | 296.4500 |

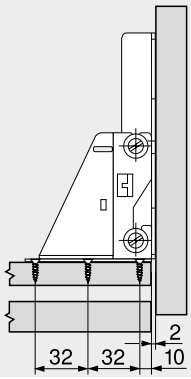
**Planning**

**Space requirement in cabinet**




**Installation dimensions – front**



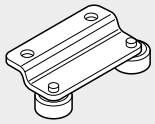

**Assembly**

**Assembly, removal and adjustment**

**Short-URL**

www.blum.com/a470

## Door protector



- Only for inset applications
- Symmetrical
- Material: steel
- Colour: RAL 9001 cream

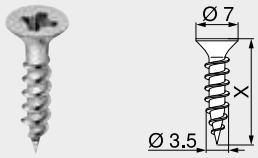
**Order information**

| Description | Part no. |
|---|---|
| Door protector | 298.2200 |

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a400

## Chipboard screws — Ø 3.5 mm

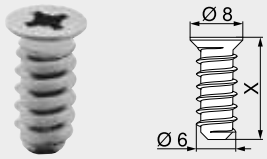



- Ø 3.5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 15.0 | 609.1500 |
| 17.0 | 609.1700 |

## System screws — Ø 6.0 mm

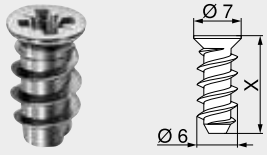



- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 10.0 | 661.1000.HG |
| 11.5 | 661.1150.HG |
| 13.0 | 661.1300.HG |
| 14.5 | 661.1450.HG |
| 20.0 | 661.2000.HG |

## Special system screws — Ø 6.0 mm




- Ø 6 mm
- Drilling diameter Ø 5 mm
- Material: steel
- Colour: nickel plated

**Order information**

| X (mm) | Part no. |
|---|---|
| 11.5 | 662.1150.HG |
| 13.0 | 662.1300.HG |
| 14.5 | 662.1450.HG |

## Centre bit

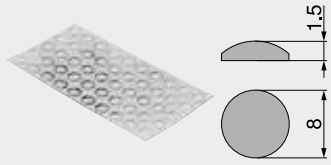


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

**Order information**

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |
| Replacement bit | M01.ZZB3 |

## Stick-on door buffer




- For noise reduction
- Material: nylon
- Colour: natural coloured

**Order information**

| Description | Part no. |
|---|---|
| Stick-on door buffer | 993.710 |

## 8 mm Ø door buffer




- For noise reduction
- Gap 2 mm
- Two-part
- Material: nylon
- Colour: RAL 9006 grey

**Order information**

| Description | Part no. |
|---|---|
| 8 mm Ø door buffer | 993.706 |

## Pozidrive screwdriver



- PZ (Pozi) size 2
- Blade length 100 mm
- Overall length 200 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

| Description | Part no. |
|---|---|
| Pozidrive screwdriver | 303.756.1 |

## Slotted screwdriver



- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Material: nylon/steel
- Colour: black/orange

**Order information**

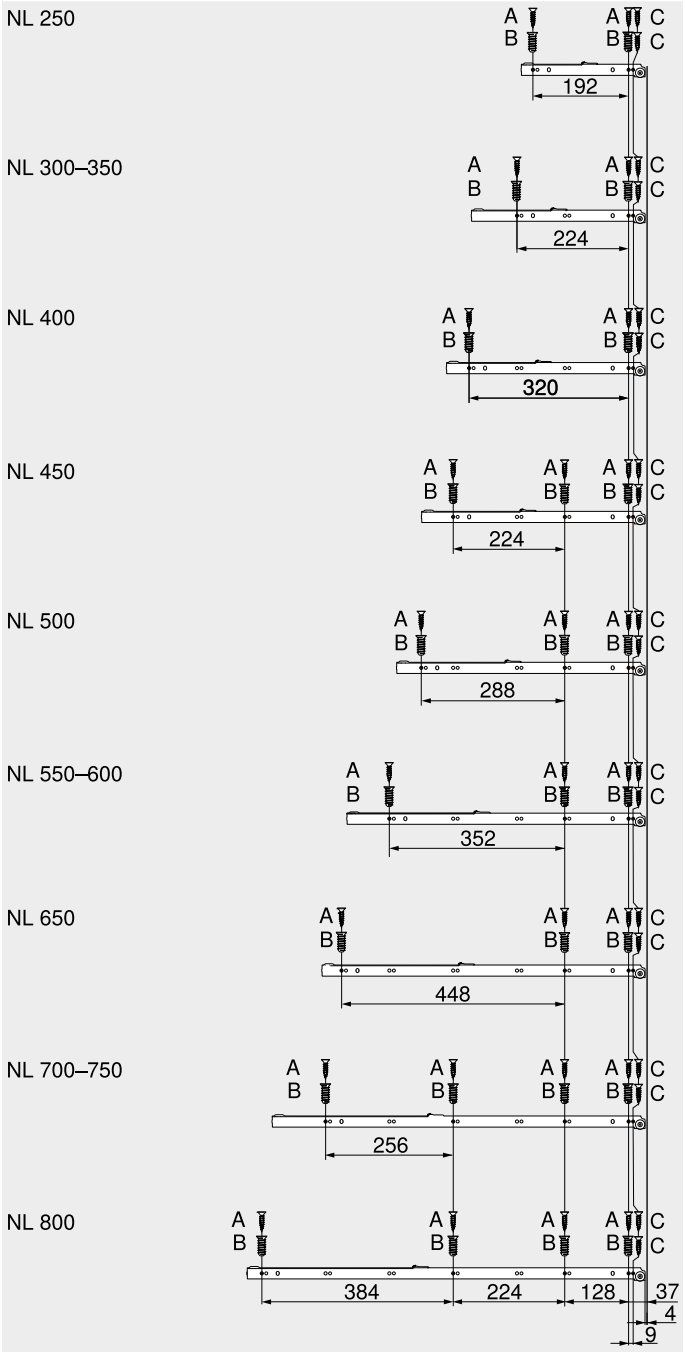
| Description | Part no. |
|---|---|
| Slotted screwdriver | 314.928.1 |

► STANDARD

►► Cabinet profile fixing positions

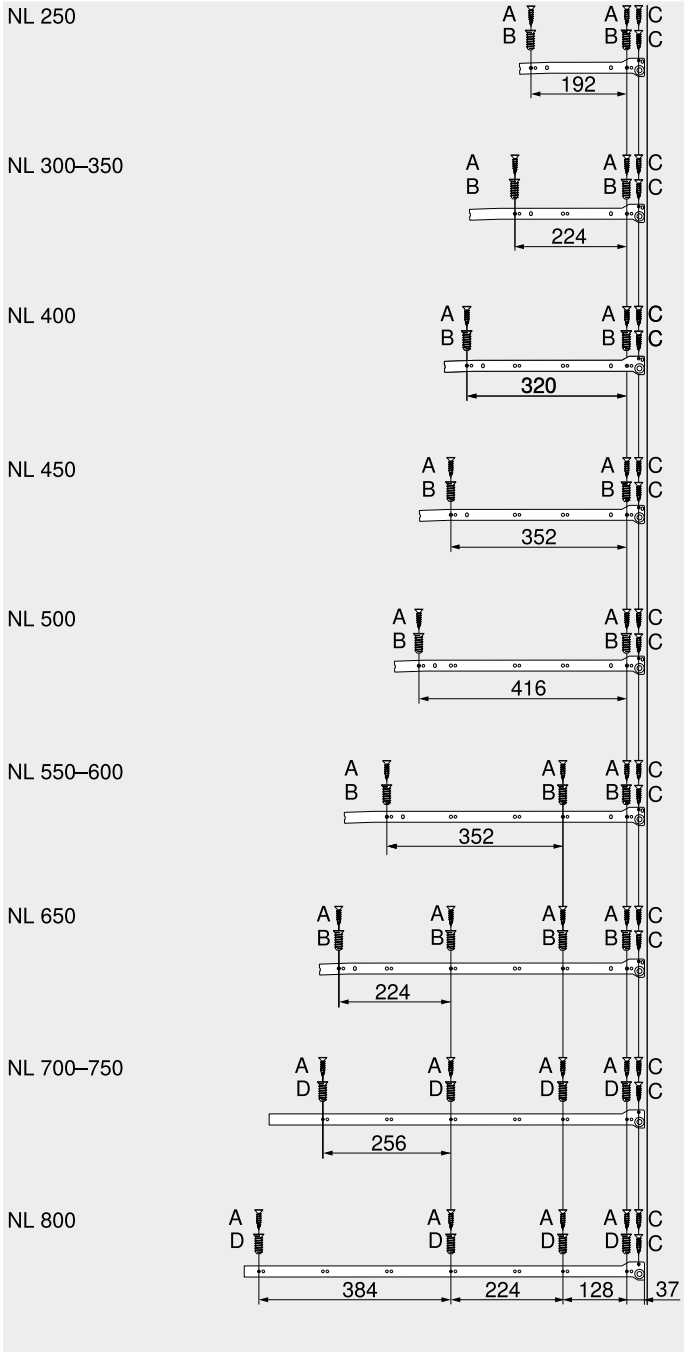


## Cabinet profile 430E – 30 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| C | Chipboard screws Ø 3.5 x 15 mm for high fronted pull-out |

## Cabinet profile 230M | 230E – 25 kg




| | |
|---|---|
| NL | Nominal length |
| A | Chipboard screws Ø 4 x 15 mm |
| B | Chipboard screws, part no. 661.1450.HG |
| C | Chipboard screws Ø 3.5 x 15 mm for high fronted pull-out |
| D | Special system screws, part no. 662.1450.HG |



# Inner dividing systems



Blum's practical inner dividing systems organise every drawer and pull-out.

Pots and pans, toiletries and bathroom accessories – everything is where it should be. Clear visibility and everything within easy reach.

Storage space can be put to optimal use and interiors tailored to individual needs.

**AMBIA-LINE for LEGRABOX**



The elegant frames have various uses and bring perfect organisation into any living area

**AMBIA-LINE kitchen accessories**



The practical accessories combine beautiful design with practical function

**ORGA-LINE for TANDEMBOX**



ORGA-LINE creates impressive order in any drawer or high-fronted pull-out

**ORGA-LINE kitchen accessories**



With spice holders, foil | film dispensers and much more, you have everything that you need close at hand. The tools can be quickly cleared away after cooking

## ▶ AMBIA-LINE for LEGRABOX


Symbolic image

▶ AMBIA-LINE for LEGRABOX 538
▶▶ Overview 539

## ▶ AMBIA-LINE kitchen accessories


Symbolic image

▶ AMBIA-LINE kitchen accessories 548
▶▶ Order information 549

## ▶ ORGA-LINE for TANDEMBOX


Symbolic image

▶ ORGA-LINE for TANDEMBOX 550
▶▶ Overview 551

## ▶ ORGA-LINE kitchen accessories


Symbolic image

▶ ORGA-LINE kitchen accessories 568
▶▶ Order information 569

## Organisation at its best



The elegant inner dividing system carries the minimalist design of LEGRABOX through to interiors and beautifully organises furniture throughout the home.

The frames can easily be positioned wherever required and are available in high-quality materials such as coated steel and selected wood décors.

Well-thought-out kitchen accessories such as the spice and plate holder round off this compact range.



## AMBIA-LINE for LEGRABOX drawers



Steel design



Wood design



AMBIA-LINE drawer frames can be expanded with foil/film dispensers and a knife holder

## AMBIA-LINE for LEGRABOX high fronted pull-out



Steel design



Wood design



The Blum plate holder and spice holder fit perfectly with AMBIA-LINE in steel and wood

## ►► AMBIA-LINE for LEGRABOX – drawer


Symbolic image

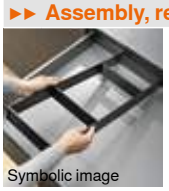

| | |
|---|---|
| Steel design – frame | 540 |
| Wood design – frame | 541 |
| Recommendation for drawer \| inner drawer | 542 |


## ►► AMBIA-LINE for LEGRABOX – high fronted pull-out


Symbolic image


| | |
|---|---|
| Steel design – frame | 543 |
| Steel design – bottles | 544 |
| Steel design – cross gallery | 545 |
| Wood design – frame | 546 |
| Recommendation for high fronted pull-out \| inner pull-out | 547 |


## ►► Assembly, removal and adjustment


Symbolic image

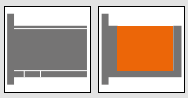
**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a510**



## Pictograph

- Item Available Upon Request
- General Information
- Accessories
- LEGRABOX pure
- LEGRABOX free
- Planning
- Cutting



## Steel design – frame



- Practical for kitchen applications and in other areas of the home
- Elegant, slim design
- Suitable for LEGRABOX drawers and inner pull-out, height M and K
- Can be put in any position and offers safe hold
- Cutlery insert with Softtouch surface
- Film dispenser and knife holder can be used as an option
- Frame height 50 mm
- Material: Steel, powder-coated



### Order information

**A Cutlery insert**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 450 | 300 | TS-M \| OG-M \| SW-M/OG-M | ZC7S450BS3 |
|  | 500 | 300 | TS-M \| OG-M \| SW-M/OG-M | ZC7S500BS3 |
|  | 550 | 300 | TS-M \| OG-M \| SW-M/OG-M | ZC7S550BS3 |
|  | 600 | 300 | TS-M \| OG-M \| SW-M/OG-M | ZC7S600BS3 |
|  | 650 | 300 | TS-M \| OG-M \| SW-M/OG-M | ZC7S650BS3 |

**B1 Drawer frame – 242 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 270–400 | 242 | TS-M \| OG-M \| SW-M | ZC7S300RSU |

Incl. magnet for connection to the drawer side or steel back

**B2 Adapter profile – connection to chipboard back**

| | Height | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | M | 242 | TS-M \| OG-M \| SW-M | ZC7A0U0M |
|  | K | 242 | TS-M \| OG-M \| SW-M | ZC7A0U0K |

**Recommendation**
From nominal length (NL) 350 mm

**C Drawer frame – 100 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 450 | 100 | TS-M \| OG-M \| SW-M | ZC7S450RS1 |
|  | 500 | 100 | TS-M \| OG-M \| SW-M | ZC7S500RS1 |
|  | 550 | 100 | TS-M \| OG-M \| SW-M | ZC7S550RS1 |
|  | 600 | 100 | TS-M \| OG-M \| SW-M | ZC7S600RS1 |
|  | 650 | 100 | TS-M \| OG-M \| SW-M | ZC7S650RS1 |

**D Drawer frame – 200 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 450 | 200 | TS-M \| OG-M \| SW-M | ZC7S450RS2 |
|  | 500 | 200 | TS-M \| OG-M \| SW-M | ZC7S500RS2 |
|  | 550 | 200 | TS-M \| OG-M \| SW-M | ZC7S550RS2 |
|  | 600 | 200 | TS-M \| OG-M \| SW-M | ZC7S600RS2 |
|  | 650 | 200 | TS-M \| OG-M \| SW-M | ZC7S650RS2 |

### a Accessories

**Z1 Cross divider**

| | Width (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 100 | 50 | TS-M \| OG-M \| SW-M | ZC7Q010SS |
|  | 200 | 50 | TS-M \| OG-M \| SW-M | ZC7Q020SS |
|  | 242 | 50 | TS-M \| OG-M \| SW-M | ZC7Q0U0SS |

**Recommendation – colour combination of the components**

| No. | Description | Colour | | | | |
|---|---|---|---|---|---|---|
| | | TS-M | OG-M | PS-M | SW-M | INGL |
| A | Cutlery insert | TS-M | OG-M | OG-M | SW-M/ OG-M | TS-M |
| B1 | Drawer frame – 242 mm | TS-M | OG-M | OG-M | SW-M | TS-M |
| B2 | Adapter profile – connection to chipboard back | TS-M | OG-M | OG-M | SW-M | TS-M |
| C | Drawer frame – 100 mm | TS-M | OG-M | OG-M | SW-M | TS-M |
| D | Drawer frame – 200 mm | TS-M | OG-M | OG-M | SW-M | TS-M |
| Z1 | Cross divider | TS-M | OG-M | OG-M | SW-M | TS-M |

| Colour | |
|---|---|
| TS-M | Terra black matt |
| OG-M | Orion grey matt |
| PS-M | Polar silver matt |

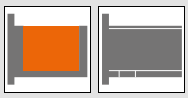
| Colour | |
|---|---|
| SW-M | Silk white matt |
| INGL | Stainless steel (Inox) Anti-fingerprint |

### Page instructions


| | |
|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 |
| Wood design – frame | 541 |
| Recommendation for drawer \| inner drawer | 542 |
| AMBIA-LINE kitchen accessories | 549 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a510



## Wood design – frame



- Practical for kitchen applications and in other areas of the home
- Elegant, slim design
- Suitable for LEGRABOX drawers and inner pull-out, height M and K
- Can be put in any position and offers safe hold
- Film dispenser and knife holder can be used as an option
- Frame height 50 mm
- Material: Wood décor/steel



### Order information

**A Cutlery insert**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 450 | 300 | N01T \| E02G \| E01S | ZC7S450BH3 |
|  | 500 | 300 | N01T \| E02G \| E01S | ZC7S500BH3 |
|  | 550 | 300 | N01T \| E02G \| E01S | ZC7S550BH3 |
|  | 600 | 300 | N01T \| E02G \| E01S | ZC7S600BH3 |
|  | 650 | 300 | N01T \| E02G \| E01S | ZC7S650BH3 |

**B Drawer frame – 242 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 270–400 | 242 | N01T \| E02G \| E01S | ZC7S300RHU |

**C Drawer frame – 100 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 450 | 100 | N01T \| E02G \| E01S | ZC7S450RH1 |
|  | 500 | 100 | N01T \| E02G \| E01S | ZC7S500RH1 |
|  | 550 | 100 | N01T \| E02G \| E01S | ZC7S550RH1 |
|  | 600 | 100 | N01T \| E02G \| E01S | ZC7S600RH1 |
|  | 650 | 100 | N01T \| E02G \| E01S | ZC7S650RH1 |

**D Drawer frame – 200 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 450 | 200 | N01T \| E02G \| E01S | ZC7S450RH2 |
|  | 500 | 200 | N01T \| E02G \| E01S | ZC7S500RH2 |
|  | 550 | 200 | N01T \| E02G \| E01S | ZC7S550RH2 |
|  | 600 | 200 | N01T \| E02G \| E01S | ZC7S600RH2 |
|  | 650 | 200 | N01T \| E02G \| E01S | ZC7S650RH2 |

### a Accessories

**Z1 Cross divider with spring clamp**

| | Width (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|---|
|  | 100 | 50 | NU01 \| EC02 \| EC01 | ZC7Q010SH |
|  | 200 | 50 | NU01 \| EC02 \| EC01 | ZC7Q020SH |
|  | 242 | 50 | NU01 \| EC02 \| EC01 | ZC7Q0U0SH |

**Recommendation – colour combination of the components**

| No. | Description | Colour | | | | |
|---|---|---|---|---|---|---|
| | | TS-M | OG-M | PS-M | SW-M | INGL |
| A | Cutlery insert | N01T | E02G | E02G | E01S | N01T |
| B | Drawer frame – 242 mm | N01T | E02G | E02G | E01S | N01T |
| C | Drawer frame – 100 mm | N01T | E02G | E02G | E01S | N01T |
| D | Drawer frame – 200 mm | N01T | E02G | E02G | E01S | N01T |
| Z1 | Cross divider | NU01 | EC02 | EC02 | EC01 | NU01 |

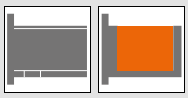
| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | NU01 | Tennessee walnut |
| OG-M | Orion grey matt | E02G | Nebraska oak/OG-M |
| PS-M | Polar silver matt | EC02 | Nebraska oak |
| SW-M | Silk white matt | E01S | Bardolino oak/SW-M |
| INGL | Stainless steel (Inox) Anti-fingerprint | EC01 | Bardolino oak |
| N01T | Tennessee walnut/TS-M | | |

### Page instructions


| | |
|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 |
| Steel design – frame | 540 |
| Recommendation for drawer \| inner drawer | 542 |
| AMBIA-LINE kitchen accessories | 549 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
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## Recommendation for drawer | inner drawer



### Cutlery insert and drawer frame

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 400 | 1 x Cutlery insert | | | | |
| 450 | | | | | |
| 500 | | | | | |
| 550 | 1 x Cutlery insert | | | | |
| 600 | 1 x Drawer frame – 100 mm | | | | |
| 800 | 2 x Cutlery insert | | | | |
| 900 | 2 x Cutlery insert<br>1 x Drawer frame – 100 mm | | | | |
| 1000 | 2 x Cutlery insert<br>2 x Drawer frame – 100 mm | | | | |
| 1100 | 2 x Cutlery insert<br>1 x Drawer frame – 100 mm | | | | |
| 1200 | 1 x Drawer frame – 200 mm | | | | |



### Drawer frame – nominal length NL 270–400 mm

| Cabinet width KB (mm) | Nominal length NL (mm) 270 | 300 | 350 | 400 |
|---|---|---|---|---|
| 275 | – | – | | |
| 300 | | | | |
| 350 | | 1 x Drawer frame – 242 mm | | |
| 400 | 1 x Drawer frame – 242 mm | | | |
| 450 | | | | |
| 500 | | | | |
| 550 | | | | |
| 600 | 2 x Drawer frame – 242 mm | 2 x Drawer frame – 242 mm | | |
| 800 | | | | |
| 900 | 3 x Drawer frame – 242 mm | | | |
| 1000 | | | | |
| 1200 | 4 x Drawer frame – 242 mm | | | |



### Drawer frame – nominal length NL 450–650 mm

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 275 | 1 x Drawer frame – 100 mm | | | | |
| 300 | | | | | |
| 350 | 1 x Drawer frame – 200 mm | | | | |
| 400 | | | | | |
| 450 | 1 x Drawer frame – 100 mm<br>1 x Drawer frame – 200 mm | | | | |
| 500 | | | | | |
| 550 | | | | | |
| 600 | 2 x Drawer frame – 100 mm<br>1 x Drawer frame – 200 mm | | | | |
| 800 | 2 x Drawer frame – 100 mm<br>2 x Drawer frame – 200 mm | | | | |
| 900 | | | | | |
| 1000 | | | | | |
| 1100 | | | | | |
| 1200 | | | | | |

**Page instructions**

| | |
|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 |
| Steel design – frame | 540 |
| Wood design – frame | 541 |
| AMBIA-LINE kitchen accessories | 549 |
| More technical details | 686 |

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a510**

## Steel design – frame



- Practical for kitchen applications and in other areas of the home
- Elegant, slim design
- Suitable for LEGRABOX high fronted pull-out and inner pull-out, height C and F
- Can be put in any position and offers safe hold
- Plate holder and spice holder can be used as an option
- Frame height 110 mm
- Material: Steel, powder-coated



### Order information

**B1 High fronted pull-out frame**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
| | 270–650 | 242 | TS-M \| OG-M \| SW-M | ZC7F300RSU |
| | 400–650 | 218 | TS-M \| OG-M \| SW-M | ZC7F400RSP |

Incl. magnet for connection to the drawer side or steel back

**B2 Adapter profile – connection to chipboard back**

| | Width (mm) | Height | Colour | Part no. |
|---|---|---|---|---|
| | 242 | C | TS-M \| OG-M \| SW-M | ZC7A0U0C |
| | 242 | F | TS-M \| OG-M \| SW-M | ZC7A0U0F |
| | 218 | C | TS-M \| OG-M \| SW-M | ZC7A0P0C |
| | 218 | F | TS-M \| OG-M \| SW-M | ZC7A0P0F |

**Recommendation**
From nominal length (NL) 350 mm

### a Accessories

**Z1 Cross divider**

| | Width (mm) | Height (mm) | Colour | Part no. |
|---|---|---|---|---|
| | 242 | 110 | TS-M \| OG-M \| SW-M | ZC7Q0U0FS |
| | 218 | 110 | TS-M \| OG-M \| SW-M | ZC7Q0P0FS |

**Recommendation – colour combination of the components**

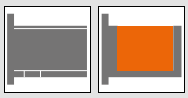
| No. | Description | Colour | | | | |
|---|---|---|---|---|---|---|
| | | TS-M | OG-M | PS-M | SW-M | INGL |
| B1 | High fronted pull-out frame | TS-M | OG-M | OG-M | SW-M | TS-M |
| B2 | Adapter profile – connection to chipboard back | TS-M | OG-M | OG-M | SW-M | TS-M |
| Z1 | Cross divider | TS-M | OG-M | OG-M | SW-M | TS-M |

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | | |



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Steel design – bottles | 544 | | | | |
| Steel design – cross gallery | 545 | | | | |
| Wood design – frame | 546 | | | Short-URL | |
| Recommendation for high fronted pull-out \| inner pull-out | 547 | | | www.blum.com/a510 | |
| AMBIA-LINE kitchen accessories | 549 | | | | |



## Steel design – bottles



- Practical for kitchen applications
- Elegant, slim design
- Suitable for LEGRABOX high fronted pull-out, heights C and F.
- Can be put in any position and offers safe hold
- Installation height 140 mm (drawer frame with bottle set)
- Material: Steel, powder-coated

### Order information

**C Drawer frame – 100 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
| | 450 | 100 | TS-M \| OG-M \| SW-M | ZC7S450RS1 |
| | 500 | 100 | TS-M \| OG-M \| SW-M | ZC7S500RS1 |
| | 550 | 100 | TS-M \| OG-M \| SW-M | ZC7S550RS1 |
| | 600 | 100 | TS-M \| OG-M \| SW-M | ZC7S600RS1 |
| | 650 | 100 | TS-M \| OG-M \| SW-M | ZC7S650RS1 |

**D Drawer frame – 200 mm**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
| | 450 | 200 | TS-M \| OG-M \| SW-M | ZC7S450RS2 |
| | 500 | 200 | TS-M \| OG-M \| SW-M | ZC7S500RS2 |
| | 550 | 200 | TS-M \| OG-M \| SW-M | ZC7S550RS2 |
| | 600 | 200 | TS-M \| OG-M \| SW-M | ZC7S600RS2 |
| | 650 | 200 | TS-M \| OG-M \| SW-M | ZC7S650RS2 |

**E Bottle set**

| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|---|---|---|---|---|
| | 450–650 | 100 | TS-M \| OG-M \| SW-M | ZC7B0100S |
| | 450–650 | 200 | TS-M \| OG-M \| SW-M | ZC7B0200S |

**Composed of:**
– 2 x Adapter
– 3 x Cross divider

Not suitable for inner pull-out!
Note: Order drawer frame separately

**Recommendation – colour combination of the components**

| No. | Description | Colour | | | | |
|---|---|---|---|---|---|---|
| | | TS-M | OG-M | PS-M | SW-M | INGL |
| C | Drawer frame – 100 mm | TS-M | OG-M | OG-M | SW-M | TS-M |
| D | Drawer frame – 200 mm | TS-M | OG-M | OG-M | SW-M | TS-M |
| E | Bottle set | TS-M | OG-M | OG-M | SW-M | TS-M |

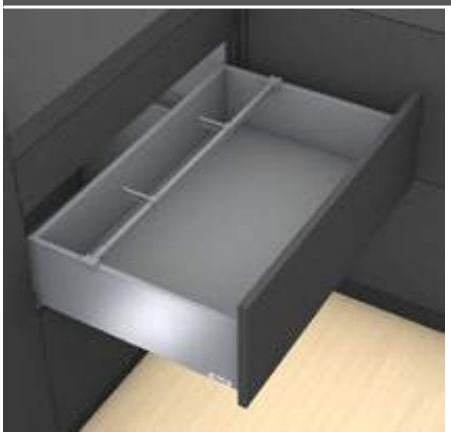
| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | SW-M | Silk white matt |
| OG-M | Orion grey matt | INGL | Stainless steel (Inox) Anti-fingerprint |
| PS-M | Polar silver matt | | |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Steel design – frame | 543 | | | | |
| Steel design – cross gallery | 545 | | | | |
| Wood design – frame | 546 | | | | |
| Recommendation for high fronted pull-out \| inner pull-out | 547 | | | | |
| AMBIA-LINE kitchen accessories | 549 | | | | |


Short-URL
www.blum.com/a510

## Steel design – cross gallery



- Practical for kitchen applications
- With cross gallery for cutting to size
- Suitable for LEGRABOX high fronted pull-out and inner pull-out, height C and F
- Can be put in any position and offers safe hold

### Order information

**A1** **Cross gallery for cutting to size**

| Length (mm) | Colour | Material | Part no. |
|---|---|---|---|
| 1080 | TS-M \| OG-M \| PS-M \| SW-M | Aluminium | ZR7.1080U |

**Cutting** Internal cabinet width LW – 90 mm

**TS-M | OG-M | PS-M | SW-M**

**A3** **Cross gallery connector**

| Box systems | Colour | Part no. |
|---|---|---|
| LEGRABOX pure | TS-M \| OG-M \| PS-M \| SW-M | ZC7U10E0 |
| LEGRABOX free | TS-M \| OG-M \| PS-M \| SW-M | ZC7U11E0 |

Order 2 x for each cross gallery

**B** **Lateral divider**

| Length (mm) | Colour | Part no. |
|---|---|---|
| 84 | TS-M \| OG-M \| PS-M \| SW-M | ZC7U10F0 |

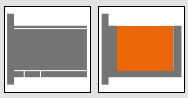
**Recommendation – colour combination of the components**

| No. | Description | Colour | | | | |
|---|---|---|---|---|---|---|
| | | TS-M | OG-M | PS-M | SW-M | INGL |
| A1 | Cross gallery for cutting to size | TS-M | OG-M | PS-M | SW-M | TS-M |
| A3 | Cross gallery connector | TS-M | OG-M | PS-M | SW-M | TS-M |
| B | Lateral divider | TS-M | OG-M | PS-M | SW-M | TS-M |

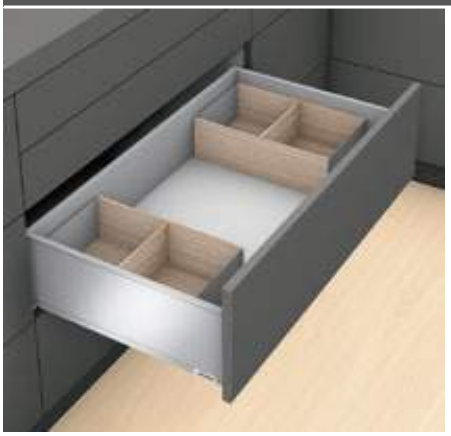
| Colour | |
|---|---|
| TS-M | Terra black matt |
| OG-M | Orion grey matt |
| PS-M | Polar silver matt |
| SW-M | Silk white matt |
| INGL | Stainless steel (Inox) Anti-fingerprint |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 | More technical details | 686 | **Assembly, removal and adjustment** | |
| AMBIA-LINE kitchen accessories | 549 | | | | |
| Recommendation for high fronted pull-out \| inner pull-out | 547 | | | | |
| Steel design – frame | 543 | | | Short-URL | |
| Steel design – bottles | 544 | | | www.blum.com/a510 | |
| Wood design – frame | 546 | | | | |



## Wood design – frame



- Practical for kitchen applications and in other areas of the home
- Elegant, slim design
- Suitable for LEGRABOX high fronted pull-out and inner pull-out, height C and F
- Can be put in any position and offers safe hold
- Plate holder and spice holder can be used as an option
- Frame height 110 mm
- Material: Wood décor/steel



### Order information

| B | High fronted pull-out frame | | | |
|---|---|---|---|---|
| | Nominal length NL (mm) | Width (mm) | Colour | Part no. |
|  | 270–650 | 242 | N01T \| E02G \| E01S | ZC7F300RHU |
|  | 400–650 | 218 | N01T \| E02G \| E01S | ZC7F400RHP |

### a Accessories

| Z1 | Cross divider with spring clamp | | | |
|---|---|---|---|---|
| | Width (mm) | Height (mm) | Colour | Part no. |
|  | 242 | 100 | NU01 \| EC02 \| EC01 | ZC7Q0U0FH |
|  | 218 | 100 | NU01 \| EC02 \| EC01 | ZC7Q0P0FH |

**Recommendation – colour combination of the components**

| No. | Description | Colour | | | | |
|---|---|---|---|---|---|---|
| | | TS-M | OG-M | PS-M | SW-M | INGL |
| B | High fronted pull-out frame | N01T | E02G | E02G | E01S | N01T |
| Z1 | Cross divider | NU01 | EC02 | EC02 | EC01 | NU01 |

| Colour | | Colour | |
|---|---|---|---|
| TS-M | Terra black matt | NU01 | Tennessee walnut |
| OG-M | Orion grey matt | E02G | Nebraska oak/OG-M |
| PS-M | Polar silver matt | EC02 | Nebraska oak |
| SW-M | Silk white matt | E01S | Bardolino oak/SW-M |
| INGL | Stainless steel (Inox) Anti-fingerprint | EC01 | Bardolino oak |
| N01T | Tennessee walnut/TS-M | | |

### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Steel design – frame | 543 | | | | |
| Steel design – bottles | 544 | | | | |
| Steel design – cross gallery | 545 | | | Short-URL | |
| Recommendation for high fronted pull-out \| inner pull-out | 547 | | | www.blum.com/a510 | |
| AMBIA-LINE kitchen accessories | 549 | | | | |

## Recommendation for high fronted pull-out | inner pull-out





### High-fronted pull-out frame – nominal length NL 270–400 mm

| Cabinet width | Nominal length NL (mm) | | | |
|---|---|---|---|---|
| KB (mm) | 270 [1] | 300 | 350 | 400 |
| 275 | – | – | | |
| 300 | | | | |
| 350 | | | | |
| 400 | 1 x High-fronted pull-out frame – 242 mm | 1 x High-fronted pull-out frame – 242 mm | | |
| 450 | | | | |
| 500 | | | | |
| 550 | | | | |
| 600 | | 2 x High-fronted pull-out frame – 242 mm | | |
| 800 | 2 x High-fronted pull-out frame – 242 mm | | | |
| 900 | | | | |
| 1000 | | | | |
| 1200 | 3 x High-fronted pull-out frame – 242 mm | | | |

[1] Not suitable for inner pull-out!

### High-fronted pull-out frame – nominal length NL 450–650 mm

| Cabinet width | Nominal length NL (mm) | | | | |
|---|---|---|---|---|---|
| KB (mm) | 450 | 500 | 550 | 600 | 650 |
| 275 | – | | | | |
| 300 | 1 x High-fronted pull-out frame – 218 mm | | | | |
| 350 | | | | | |
| 400 | | | | | |
| 450 | | | | | |
| 500 | | | | | |
| 550 | | | | | |
| 600 | | | | | |
| 800 | 2 x High-fronted pull-out frame – 218 mm | | | | |
| 900 | | | | | |
| 1000 | | | | | |
| 1200 | 3 x High-fronted pull-out frame – 218 mm | | | | |



### Page instructions


| | |
|---|---|
| Overview – AMBIA-LINE for LEGRABOX | 539 |
| Steel design – frame | 543 |
| Steel design – bottles | 544 |
| Steel design – cross gallery | 545 |
| Wood design – frame | 546 |
| AMBIA-LINE kitchen accessories | 549 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a510**

## Organisation at its best



The attractive AMBIA-LINE kitchen accessories combine a high-quality design with well-conceived functionality.
Holders for knives, plates and spices and dispensers for plastic wrap or foil help to keep the kitchen tidy. Everything is perfectly in place – your kitchen utensils are tidily stored in the pull-out and easy to access.





**Foil/film dispenser**
By using the foil dispenser, plastic wrap and aluminium foil can be pulled out without creases and cleanly cut



**Knife holder**
Up to nine knives can be stored safely and tidily in the knife holder to ensure easy access

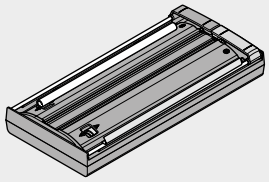


**Blum plate holder**
The infinitely adjustable Blum plate holder can safely accommodate up to 12 plates in the pull-out and can also be easily transported



**Spice holder**
Spice packages of various sizes can be neatly stored in the spice holder without risk of tipping over

## Dispenser



- Film/foil dispenser for plastic wrap and aluminium foil
- Dispenser rod for crease-free removal of plastic wrap
- Antislipping device through flexible base fixing bracket
- Removable
- Suitable for LEGRABOX drawers and inner pull-out, height M and K
- In combination with AMBIA-LINE drawer frame with a width of 200 mm
- Material: nylon/stainless steel (Inox)
- Colour: orion grey matt

**Order information**

| Description | Part no. |
|---|---|
| With foil | ZC7C0000 |
| Without foil | ZC7C0001 |
| Length (mm) | 409 |
| Width (mm) | 187 |

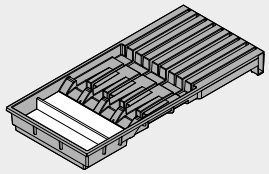
**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

www.blum.com/a520

## Knife holder



- Safe accommodation of four large and five small knives
- Incl. handle support for long knives
- Antislipping device through base fixing bracket
- Suitable for LEGRABOX drawers and inner pull-out, height M and K
- In combination with AMBIA-LINE drawer frame with a width of 200 mm
- Material: nylon/stainless steel (Inox)
- Colour: orion grey matt

**Order information**

| Description | Part no. |
|---|---|
| Knife holder | ZC7M0200 |
| Length (mm) | 409 |
| Width (mm) | 187 |

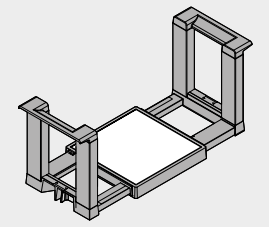
**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

www.blum.com/a520

## Blum plate holder



- Safe accommodation of up to 12 plates
- Plate size can be infinitely adjusted
- Removable
- Suitable for LEGRABOX high fronted pull-out and inner pull-out, height C and F
- Material: nylon/stainless steel (Inox)
- Colour: orion grey matt

**Order information**

| Description | Part no. |
|---|---|
| Blum plate holder | ZC7T0350 |
| Diameter of plates (mm) | 186–322 |
| Stacking height of plates (mm) | 146 |
| Overall height (mm) | 170 |

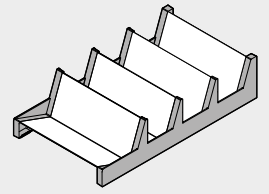
**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

www.blum.com/a520

## Spice holder



- Organised storage of spice packets of various sizes
- Suitable for LEGRABOX high fronted pull-out and inner pull-out, height C and F
- In combination with AMBIA-LINE high fronted pull-out frame with a width of 218 mm
- Material: nylon/stainless steel (Inox)
- Colour: orion grey matt

**Order information**

| Description | Part no. |
|---|---|
| Spice holder | ZC7G0P0I |
| Length (mm) | 356 |
| Width (mm) | 205 |

**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

www.blum.com/a520

## Everything you need at a glance



ORGA-LINE for TANDEMBOX is a high-quality inner dividing system with a customised design for drawers and pull-outs.

Be it cutlery, bottles or pots – all your storage items can be stored in a way that is both practical and convenient. All the dividers can be adjusted to accommodate the storage items. ORGA-LINE therefore provides easy access and organisation in drawers and pull-outs.

The practical ORGA-LINE kitchen accessories also make many kitchen tasks easier and organise interiors.

## ORGA-LINE for TANDEMBOX drawers



Container sets



Utensil divider sets



Combo sets



The ORGA-LINE sets for drawers can be supplemented with a foil/film dispenser and a knife holder

## ORGA-LINE for TANDEMBOX high fronted pull-out



TANDEMBOX intivo



TANDEMBOX antaro



TANDEMBOX plus



The ORGA-LINE sets for high fronted pull-outs can be supplemented with a spice holder and/or a plate-holder

## ►► ORGA-LINE for TANDEMBOX – drawer


Symbolic image


| | |
|---|---|
| Container sets | 552 |
| Utensil divider sets | 554 |
| Combo sets | 556 |
| Individual sets | 558 |


## ►► ORGA-LINE for TANDEMBOX – high fronted pull-out


Symbolic image


| | |
|---|---|
| ORGA-LINE for TANDEMBOX intivo – cross divider | 560 |
| ORGA-LINE for TANDEMBOX antaro – cross divider | 562 |
| ORGA-LINE for TANDEMBOX antaro – cross gallery | 563 |
| ORGA-LINE for TANDEMBOX plus – cross divider | 564 |
| ORGA-LINE for TANDEMBOX plus – cross gallery | 565 |
| Recommendation for high fronted pull-out \| inner pull-out | 566 |


## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a530**

### Pictograph

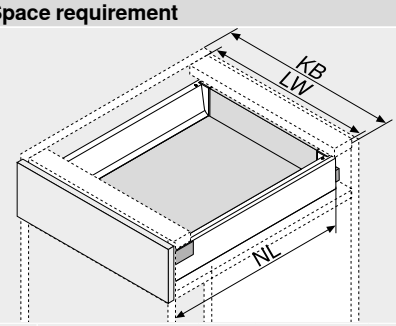
| | |
|---|---|
| Item Available Upon Request | Planning |
| General Information | Cutting |
| Accessories | Dishwasher-proof up to 65°C |
| TANDEMBOX intivo | |
| TANDEMBOX antaro | |
| TANDEMBOX plus | |

## Container sets



- Practical for kitchen applications
- Well-suited for cutlery
- To suit standard drawers and inner drawers
- Removable containers (dishwasher-proof)
- Film dispenser and knife holder can be used as an option
- Nominal length NL 450–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

| KB (mm) | 275–299 |
|---|---|
| Symbol image, NL 500 mm | |
| NL (mm) | Part no. |
| 450 | ZSI.450BI1N |
| 500 | ZSI.500BI1N |
| 550 | ZSI.550BI1N |
| 600 | ZSI.600BI1N |
| 650 | ZSI.650BI1N |

| KB (mm) | 300–399 |
|---|---|
| Symbol image, NL 500 mm | |
| NL (mm) | Part no. |
| 450 | ZSI.450BI2N |
| 500 | ZSI.500BI2N |
| 550 | ZSI.550BI2N |
| 600 | ZSI.600BI2N |
| 650 | ZSI.650BI2N |

| KB (mm) | 400–549 |
|---|---|
| Symbol image, NL 500 mm | |
| NL (mm) | Part no. |
| 450 | ZSI.450BI3N |
| 500 | ZSI.500BI3 |
| 550 | ZSI.550BI3 |
| 600 | ZSI.600BI3 |
| 650 | ZSI.650BI3 |

| KB (mm) | 550–599 | | |
|---|---|---|---|
| Symbol image, NL 500 mm | | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450BI1N | + | ZSI.450BI3N |
| 500 | ZSI.500BI1N | + | ZSI.500BI3 |
| 550 | ZSI.550BI1N | + | ZSI.550BI3 |
| 600 | ZSI.600BI1N | + | ZSI.600BI3 |
| 650 | ZSI.650BI1N | + | ZSI.650BI3 |

| KB (mm) | 600 | | |
|---|---|---|---|
| Symbol image, NL 500 mm | | | |
| NL (mm) | Part no. | | Part no. |
| 450 [1] | ZSI.60VEI4 | | |
| 500 [1] | ZSI.60VEI6 | | |
| 550 [1] | ZSI.60VEI7 | | |
| 600 | ZSI.600BI1N | + | ZSI.600BI3 |
| 650 | ZSI.650BI1N | + | ZSI.650BI3 |

[1] Set fully fills drawer

| KB (mm) | 601–699 | | |
|---|---|---|---|
| Symbol image, NL 500 mm | | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450BI1N | + | ZSI.450BI3N |
| 500 | ZSI.500BI1N | + | ZSI.500BI3 |
| 550 | ZSI.550BI1N | + | ZSI.550BI3 |
| 600 | ZSI.600BI1N | + | ZSI.600BI3 |
| 650 | ZSI.650BI1N | + | ZSI.650BI3 |

| KB (mm) | 700–799 | | |
|---|---|---|---|
| Symbol image, NL 500 mm | | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450BI2N | + | ZSI.450BI3N |
| 500 | ZSI.500BI2N | + | ZSI.500BI3 |
| 550 | ZSI.550BI2N | + | ZSI.550BI3 |
| 600 | ZSI.600BI2N | + | ZSI.600BI3 |
| 650 | ZSI.650BI2N | + | ZSI.650BI3 |

| KB (mm) | 800–899 | |
|---|---|---|
| Symbol image, NL 500 mm | | |
| NL (mm) | | Part no. |
| 450 | 2 x | ZSI.450BI3N |
| 500 | 2 x | ZSI.500BI3 |
| 550 | 2 x | ZSI.550BI3 |
| 600 | 2 x | ZSI.600BI3 |
| 650 | 2 x | ZSI.650BI3 |

| KB (mm) | 900 | | |
|---|---|---|---|
| Symbol image, NL 500 mm | | | |
| NL (mm) | Part no. | | Part no. |
| 450 [1] | ZSI.90VEI4 | | |
| 500 [1] | ZSI.90VEI6 | | |
| 550 [1] | ZSI.90VEI7 | | |
| 600 | ZSI.600BI3 | + | ZSI.600KI4 |
| 650 | ZSI.650BI3 | + | ZSI.650KI4 |

[1] Set fully fills drawer

| KB (mm) | 901–999 | | |
|---|---|---|---|
| Symbol image, NL 500 mm | | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450BI3N | + | ZSI.450KI4N |
| 500 | ZSI.500BI3 | + | ZSI.500KI4 |
| 550 | ZSI.550BI3 | + | ZSI.550KI4 |
| 600 | ZSI.600BI3 | + | ZSI.600KI4 |
| 650 | ZSI.650BI3 | + | ZSI.650KI4 |

| KB (mm) | 1000–1099 | |
|---|---|---|
| Symbol image, NL 500 mm | | |
| NL (mm) | | Part no. |
| 450 | 2 x | ZSI.450KI4N |
| 500 | 2 x | ZSI.500KI4 |
| 550 | 2 x | ZSI.550KI4 |
| 600 | 2 x | ZSI.600KI4 |
| 650 | 2 x | ZSI.650KI4 |

| KB (mm) | 1100–1199 | | |
|---|---|---|---|
| Symbol image, NL 500 mm | | | |
| NL (mm) | Part no. | | Part no. |
| 450 2 x | ZSI.450BI3N | + | ZSI.450FI2N |
| 500 2 x | ZSI.500BI3 | + | ZSI.500FI2N |
| 550 2 x | ZSI.550BI3 | + | ZSI.550FI2N |
| 600 2 x | ZSI.600BI3 | + | ZSI.600FI2N |
| 650 2 x | ZSI.650BI3 | + | ZSI.650FI2N |

## Container sets

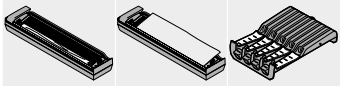
### Order information

| KB (mm) | | 1200 | | |
|---|---|---|---|---|
| | |  | | |
| | | Symbol image, NL 500 mm | | |
| NL (mm) | | Part no. | | Part no. |
| 450 | 1 | ZSI.12VEI4 | | |
| 500 | 1 | ZSI.12VEI6 | | |
| 550 | 1 | ZSI.12VEI7 | | |
| 600 | 2 x | ZSI.600BI3 | + | ZSI.600FI2N |
| 650 | 2 x | ZSI.650BI3 | + | ZSI.650FI2N |

1 Set fully fills drawer

| SPACE CORNER | |
|---|---|
|  | |
| Symbol image, NL 500 mm | |
| NL (mm) | Part no. |
| 600 | ZSI.450BI3E |
| 650 | ZSI.500BI3E |

| ORGA-LINE kitchen accessories | |
|---|---|
| Placement in the sets | |
| 1 | 1 x ZSZ.01Fx |
| 1 | 1 x ZSZ.02Fx |
| 2 | 1 x ZSZ.01Fx + 1 x ZSZ.02Fx |
| 2 | 1 x ZSZ.02M0 |



| ZSZ.01Fx | ZSZ.02Fx | ZSZ.02M0 |
|---|---|---|
| x | 0 = with foil | |
| x | 1 = without foil | |



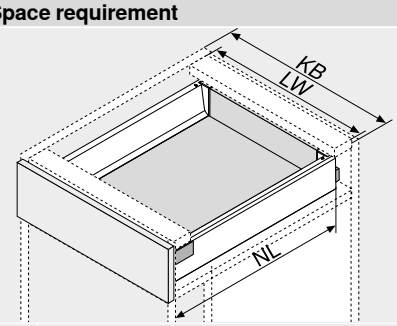

| Page instructions | | | | | |
|---|---|---|---|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | Assembly, removal and adjustment | |
| Utensil divider sets | 554 | | | | |
| Combo sets | 556 | | | | |
| Individual sets | 558 | | | Short-URL | |
| ORGA-LINE kitchen accessories | 569 | | | www.blum.com/a530 | |
| Accessories | 559 | | | | |
| Planning | 559 | | | | |

## Utensil divider sets



- Practical for kitchen applications and in other areas of the home
- To suit standard drawers and inner drawers
- Removable containers (dishwasher-proof)
- Film dispenser and knife holder can be used as an option
- Nominal length NL 450–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

**KB (mm) 275–349**



Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450BI1N |
| 500 | ZSI.500BI1N |
| 550 | ZSI.550BI1N |
| 600 | ZSI.600BI1N |
| 650 | ZSI.650BI1N |

**KB (mm) 350–449**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450KI2N |
| 500 | ZSI.500KI2N |
| 550 | ZSI.550KI2N |
| 600 | ZSI.600KI2N |
| 650 | ZSI.650KI2N |

**KB (mm) 450–599**



Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450FI2N |
| 500 | ZSI.500FI2N |
| 550 | ZSI.550FI2N |
| 600 | ZSI.600FI2N |
| 650 | ZSI.650FI2N |

**KB (mm) 600**



Symbol image, NL 500 mm

| NL (mm) | | Part no. | | Part no. |
|---|---|---|---|---|
| 450 | [1] | ZSI.60VUI4 | | |
| 500 | [1] | ZSI.60VUI6 | | |
| 550 | [1] | ZSI.60VUI7 | | |
| 600 | | ZSI.600BI1N | + | ZSI.600KI3N |
| 650 | | ZSI.650BI1N | + | ZSI.650KI3N |

[1] Set fully fills drawer

**KB (mm) 601–699**



Symbol image, NL 500 mm

| NL (mm) | Part no. | | Part no. |
|---|---|---|---|
| 450 | ZSI.450BI1N | + | ZSI.450KI3N |
| 500 | ZSI.500BI1N | + | ZSI.500KI3N |
| 550 | ZSI.550BI1N | + | ZSI.550KI3N |
| 600 | ZSI.600BI1N | + | ZSI.600KI3N |
| 650 | ZSI.650BI1N | + | ZSI.650KI3N |

**KB (mm) 700–799**




Symbol image, NL 500 mm

| NL (mm) | Part no. | | Part no. |
|---|---|---|---|
| 450 | ZSI.450KI2N | + | ZSI.450KI3N |
| 500 | ZSI.500KI2N | + | ZSI.500KI3N |
| 550 | ZSI.550KI2N | + | ZSI.550KI3N |
| 600 | ZSI.600KI2N | + | ZSI.600KI3N |
| 650 | ZSI.650KI2N | + | ZSI.650KI3N |

**KB (mm) 800–899**



Symbol image, NL 500 mm

| NL (mm) | | Part no. |
|---|---|---|
| 450 | 2 x | ZSI.450KI3N |
| 500 | 2 x | ZSI.500KI3N |
| 550 | 2 x | ZSI.550KI3N |
| 600 | 2 x | ZSI.600KI3N |
| 650 | 2 x | ZSI.650KI3N |

**KB (mm) 900**



Symbol image, NL 500 mm

| NL (mm) | | Part no. |
|---|---|---|
| 450 | [1] | ZSI.90VUI4 |
| 500 | [1] | ZSI.90VUI6 |
| 550 | [1] | ZSI.90VUI7 |
| 600 | 2 x | ZSI.600KI3N |
| 650 | 2 x | ZSI.650KI3N |

[1] Set fully fills drawer

**KB (mm) 901–999**



Symbol image, NL 500 mm

| NL (mm) | | Part no. |
|---|---|---|
| 450 | 2 x | ZSI.450KI3N |
| 500 | 2 x | ZSI.500KI3N |
| 550 | 2 x | ZSI.550KI3N |
| 600 | 2 x | ZSI.600KI3N |
| 650 | 2 x | ZSI.650KI3N |

**KB (mm) 1000–1099**




Symbol image, NL 500 mm

| NL (mm) | | Part no. | | Part no. |
|---|---|---|---|---|
| 450 | 2 x | ZSI.450KI2N | + | ZSI.450FI3 |
| 500 | 2 x | ZSI.500KI2N | + | ZSI.500FI3 |
| 550 | 2 x | ZSI.550KI2N | + | ZSI.550FI3 |
| 600 | 2 x | ZSI.600KI2N | + | ZSI.600FI3 |
| 650 | 2 x | ZSI.650KI2N | + | ZSI.650FI3 |

**KB (mm) 1100–1199**




Symbol image, NL 500 mm

| NL (mm) | | Part no. | | Part no. |
|---|---|---|---|---|
| 450 | 2 x | ZSI.450KI3N | + | ZSI.450FI2N |
| 500 | 2 x | ZSI.500KI3N | + | ZSI.500FI2N |
| 550 | 2 x | ZSI.550KI3N | + | ZSI.550FI2N |
| 600 | 2 x | ZSI.600KI3N | + | ZSI.600FI2N |
| 650 | 2 x | ZSI.650KI3N | + | ZSI.650FI2N |

**KB (mm) 1200**



Symbol image, NL 500 mm

| NL (mm) | | Part no. | | Part no. |
|---|---|---|---|---|
| 450 | [1] | ZSI.12VUI4 | | |
| 500 | [1] | ZSI.12VUI6 | | |
| 550 | [1] | ZSI.12VUI7 | | |
| 600 | 2 x | ZSI.600KI3N | + | ZSI.600FI3 |
| 650 | 2 x | ZSI.650KI3N | + | ZSI.650FI3 |

[1] Set fully fills drawer

# Utensil divider sets

## Order information

**SPACE CORNER**



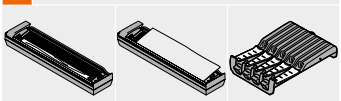
Symbol image, NL 650 mm

| NL (mm) | Part no. |
|---|---|
| 600 | ZSI.450FI3 |
| 650 | ZSI.500FI3 |

**ORGA-LINE kitchen accessories**

**Placement in the sets**

| | |
|---|---|
| 1 | 1 x ZSZ.01Fx |
| 1 | 1 x ZSZ.02Fx |
| 2 | 1 x ZSZ.01Fx + 1 x ZSZ.02Fx |
| 2 | 1 x ZSZ.02M0 |



ZSZ.01Fx | ZSZ.02Fx | ZSZ.02M0

x 0 = with foil
x 1 = without foil



**Page instructions**

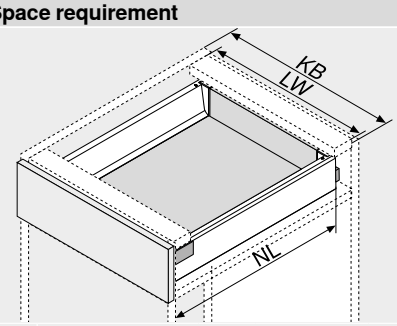
| | | | | | |
|---|---|---|---|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Container sets | 552 | | | | |
| Combo sets | 556 | | | | |
| Individual sets | 558 | | | Short-URL | |
| ORGA-LINE kitchen accessories | 569 | | | www.blum.com/a530 | |
| Accessories | 559 | | | | |
| Planning | 559 | | | | |

## Combo sets



- Practical for kitchen applications and in other areas of the home
- To suit standard drawers and inner drawers
- Removable containers (dishwasher-proof)
- Film dispenser and knife holder can be used as an option
- Nominal length NL 450–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

| KB (mm) | 275–349 |
|---|---|
| Symbol image, NL 500 mm |  |
| NL (mm) | Part no. |
| 450 | ZSI.450BI1N |
| 500 | ZSI.500BI1N |
| 550 | ZSI.550BI1N |
| 600 | ZSI.600BI1N |
| 650 | ZSI.650BI1N |

| KB (mm) | 350–449 |
|---|---|
| Symbol image, NL 500 mm |  |
| NL (mm) | Part no. |
| 450 | ZSI.450KI2N |
| 500 | ZSI.500KI2N |
| 550 | ZSI.550KI2N |
| 600 | ZSI.600KI2N |
| 650 | ZSI.650KI2N |

| KB (mm) | 450–600 |
|---|---|
| Symbol image, NL 500 mm |  |
| NL (mm) | Part no. |
| 450 | ZSI.450MI3 |
| 500 | ZSI.500MI3 |
| 550 | ZSI.550MI3 |
| 600 | ZSI.600MI3 |
| 650 | ZSI.650MI3 |

| KB (mm) | 601–649 | | |
|---|---|---|---|
| Symbol image, NL 500 mm |  | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450BI1N | + | ZSI.450MI3 |
| 500 | ZSI.500BI1N | + | ZSI.500MI3 |
| 550 | ZSI.550BI1N | + | ZSI.550MI3 |
| 600 | ZSI.600BI1N | + | ZSI.600MI3 |
| 650 | ZSI.650BI1N | + | ZSI.650MI3 |

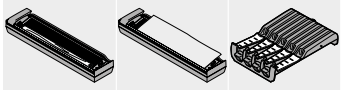
| KB (mm) | 650–750 | | |
|---|---|---|---|
| Symbol image, NL 500 mm |  | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450KI2N | + | ZSI.450MI3 |
| 500 | ZSI.500KI2N | + | ZSI.500MI3 |
| 550 | ZSI.550KI2N | + | ZSI.550MI3 |
| 600 | ZSI.600KI2N | + | ZSI.600MI3 |
| 650 | ZSI.650KI2N | + | ZSI.650MI3 |

| KB (mm) | 751–899 | | |
|---|---|---|---|
| Symbol image, NL 500 mm |  | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450KI3N | + | ZSI.450BI3N |
| 500 | ZSI.500KI3N | + | ZSI.500BI3 |
| 550 | ZSI.550KI3N | + | ZSI.550BI3 |
| 600 | ZSI.600KI3N | + | ZSI.600BI3 |
| 650 | ZSI.650KI3N | + | ZSI.650BI3 |

| KB (mm) | 900–1200 | | |
|---|---|---|---|
| Symbol image, NL 500 mm |  | | |
| NL (mm) | Part no. | | Part no. |
| 450 | ZSI.450KI3N | + | ZSI.450KI4N |
| 500 | ZSI.500KI3N | + | ZSI.500KI4 |
| 550 | ZSI.550KI3N | + | ZSI.550KI4 |
| 600 | ZSI.600KI3N | + | ZSI.600KI4 |
| 650 | ZSI.650KI3N | + | ZSI.650KI4 |

| SPACE CORNER | |
|---|---|
| Symbol image, NL 650 mm |  |
| NL (mm) | Part no. |
| 600 | ZSI.450FI3 |
| 650 | ZSI.500FI3 |

| ORGA-LINE kitchen accessories | |
|---|---|
| Placement in the sets | |
| 1 | 1 x ZSZ.01Fx |
| 1 | 1 x ZSZ.02Fx |
| 2 | 1 x ZSZ.01Fx + 1 x ZSZ.02Fx |
| 2 | 1 x ZSZ.02M0 |



| ZSZ.01Fx | ZSZ.02Fx | ZSZ.02M0 |
|---|---|---|
| x | 0 = with foil | |
| x | 1 = without foil | |





## Combo sets



**Page instructions**

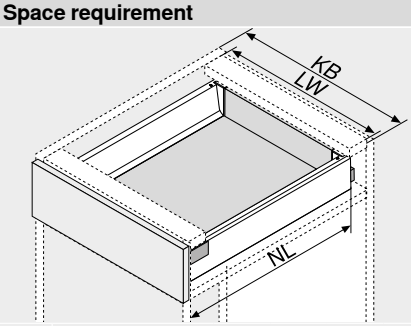

| | | | | | |
|---|---|---|---|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 | More technical details | 686 | **Assembly, removal and adjustment** | |
| Container sets | 552 | | | | |
| Utensil divider sets | 554 | | | | |
| Individual sets | 558 | | | Short-URL | |
| ORGA-LINE kitchen accessories | 569 | | | www.blum.com/a530 | |
| Accessories | 559 | | | | |
| Planning | 559 | | | | |

## Individual sets



- Flexible, partially filled drawer sets
- Practical for kitchen applications and in other areas of the home
- To suit standard drawers and inner drawers
- Removable containers (dishwasher-proof)
- Film dispenser and knife holder can be used as an option
- Nominal length NL 450–650 mm
- Recommendation: cabinet width KB 275–1200 mm

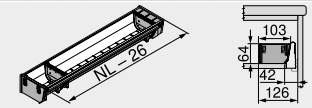
### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

**BI1 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450BI1N |
| 500 | ZSI.500BI1N |
| 550 | ZSI.550BI1N |
| 600 | ZSI.600BI1N |
| 650 | ZSI.650BI1N |

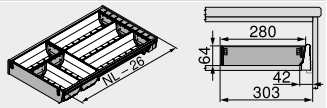
**BI2 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450BI2N |
| 500 | ZSI.500BI2N |
| 550 | ZSI.550BI2N |
| 600 | ZSI.600BI2N |
| 650 | ZSI.650BI2N |

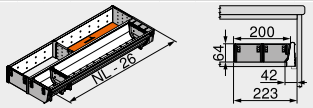
**BI3 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450BI3N |
| 500 | ZSI.500BI3 |
| 550 | ZSI.550BI3 |
| 600 | ZSI.600BI3 |
| 650 | ZSI.650BI3 |

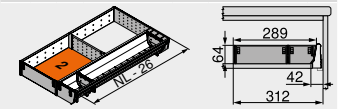
**KI2 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450KI2N |
| 500 | ZSI.500KI2N |
| 550 | ZSI.550KI2N |
| 600 | ZSI.600KI2N |
| 650 | ZSI.650KI2N |

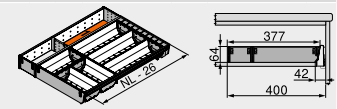
**KI3 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450KI3N |
| 500 | ZSI.500KI3N |
| 550 | ZSI.550KI3N |
| 600 | ZSI.600KI3N |
| 650 | ZSI.650KI3N |

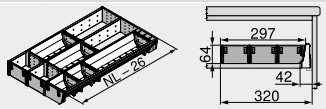
**KI4 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450KI4N |
| 500 | ZSI.500KI4 |
| 550 | ZSI.550KI4 |
| 600 | ZSI.600KI4 |
| 650 | ZSI.650KI4 |

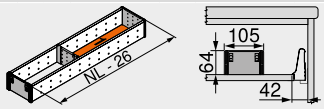
**MI3 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450MI3 |
| 500 | ZSI.500MI3 |
| 550 | ZSI.550MI3 |
| 600 | ZSI.600MI3 |
| 650 | ZSI.650MI3 |

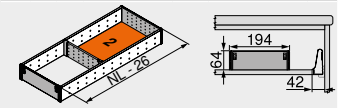
**FI1 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450FI1 |
| 500 | ZSI.500FI1 |
| 550 | ZSI.550FI1 |
| 600 | ZSI.600FI1 |
| 650 | ZSI.650FI1 |

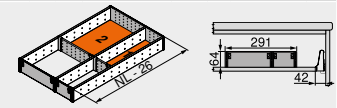
**FI2 set**




Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450FI2N |
| 500 | ZSI.500FI2N |
| 550 | ZSI.550FI2N |
| 600 | ZSI.600FI2N |
| 650 | ZSI.650FI2N |

**FI3 set**

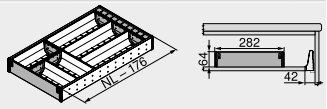



Symbol image, NL 500 mm

| NL (mm) | Part no. |
|---|---|
| 450 | ZSI.450FI3 |
| 500 | ZSI.500FI3 |
| 550 | ZSI.550FI3 |
| 600 | ZSI.600FI3 |
| 650 | ZSI.650FI3 |

**BI3E set**

**SPACE CORNER**




Symbol image, NL 650 mm

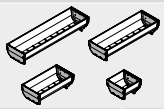
| NL (mm) | Part no. |
|---|---|
| 600 | ZSI.450BI3E |
| 650 | ZSI.500BI3E |

# Individual sets

## Order information

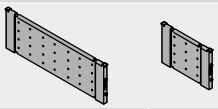
### a Accessories

**Containers**



| Width x length (mm) | Part no. |
|---|---|
| 88 x 88 | ZSI.010SI |
| 88 x 176 | ZSI.020SI |
| 88 x 264 | ZSI.030SI |
| 88 x 352 | ZSI.040SI |

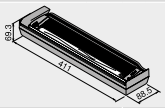
**Adjustable cross dividers**



| Width (mm) | Part no. |
|---|---|
| 88 | ZSI.010Q |
| 176 | ZSI.020Q |

## ORGA-LINE kitchen accessories

**Film dispenser**

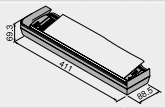



| Description | Part no. |
|---|---|
| With foil | ZSZ.01F0 |
| Without foil | ZSZ.01F1 |

**Placement in the sets**

| | |
|---|---|
| 1 | 1 x ZSZ.01Fx |
| 2 | 1 x ZSZ.01Fx + 1 x ZSZ.02Fx |

**Foil dispenser**

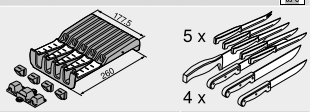



| Description | Part no. |
|---|---|
| With foil | ZSZ.02F0 |
| Without foil | ZSZ.02F1 |

**Placement in the sets**

| | |
|---|---|
| 1 | 1 x ZSZ.02Fx |
| 2 | 1 x ZSZ.01Fx + 1 x ZSZ.02Fx |

**Knife holder**

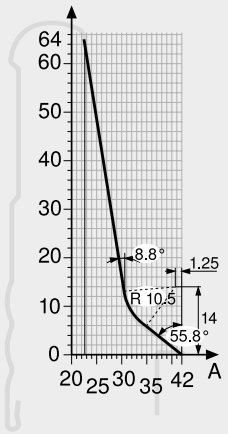


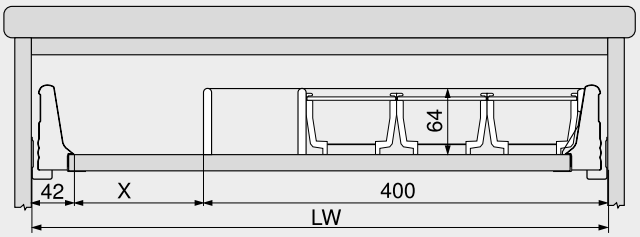

| Description | Part no. |
|---|---|
| Knife holder<br>Incl. handle support | ZSZ.02M0 |

**Placement in the sets**

| | |
|---|---|
| 2 | 1 x ZSZ.02M0 |

## Planning




For additional inserts:
E.g. wooden knife holder

Example:
Cabinet width 600 mm
Cutlery & utensil combination ZSI.500KI4

X = internal cabinet width LW – 400 mm – 42 mm

## Page instructions


| | |
|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 |
| Container sets | 552 |
| Utensil divider sets | 554 |
| Combo sets | 556 |
| ORGA-LINE kitchen accessories | 569 |
| More technical details | 686 |


**Assembly, removal and adjustment**

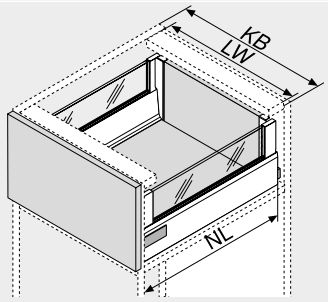
Short-URL
www.blum.com/a530

## ORGA-LINE for TANDEMBOX intivo – cross divider



- ORGA-LINE flexible dividing system
- With cross divider to be cut to size
- Tool-free assembly
- For TANDEMBOX intivo high fronted pull-out, height D with BOXCOVER and BOXCAP
- Nominal length NL 270–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

**A1 Cross divider for cutting to size**



| Cabinet width KB (mm) | Colour | | Part no. |
|---|---|---|---|
| 275 | SW \| TS | [1] | Z40L152A |
| 300 | SW \| TS | [1] | Z40L177A |
| 550 | SW \| TS | [1] | Z40L427A |
| 600 | SW \| TS | [1] | Z40L477A |
| 900 | SW \| TS | [1] | Z40L777A |
| 1200 | SW \| TS | [1] | Z40L1077A |

[1] Aluminium

**Cutting**

| | |
|---|---|
| X | Internal cabinet width LW – 91 mm |
| Y | Internal cabinet width LW – 295 mm (KB 275 mm) |
| Y | Internal cabinet width LW – 320 mm (KB 300 mm) |
| Z | 152 mm (KB 275 mm) |
| Z | 177 mm (KB 300 mm) |

**A2 Cross divider connector**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Nylon | Z40L0002 |

Order 2 x for each cross divider

**B Lateral divider**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS | Steel | Z43L100S |

**C Adapter profile for cross divider**



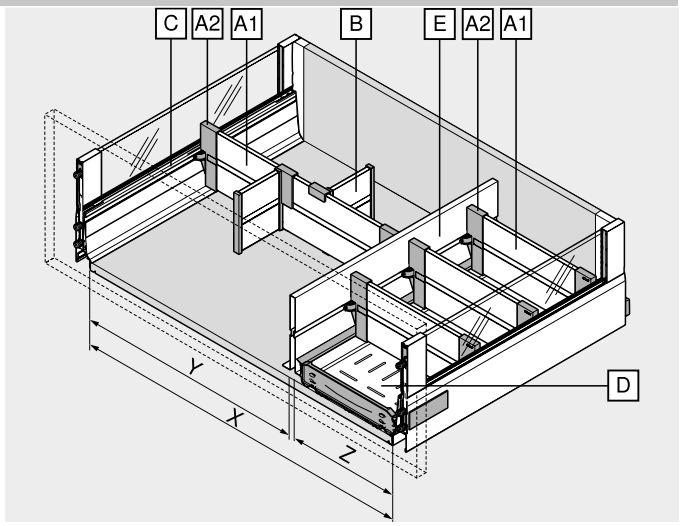
| Nominal length NL (mm) | | Colour SW \| TS |
|---|---|---|
| 270 | 2 x | Z49L242S |
| 300 | 2 x | Z49L272S |
| 350 | 2 x | Z49L322S |
| 400 | 2 x | Z49L372S |
| 450 | 2 x | Z49L422S |
| 500 | 2 x | Z49L472S |
| 550 | 2 x | Z49L522S |
| 600 | 2 x | Z49L572S |
| 650 | 2 x | Z49L622S |

**D Bottle rack**



| Nominal length NL (mm) | Cabinet width KB (mm) 275 | 300 |
|---|---|---|
| 450 | | Z48.30B0I4 |
| 500 | Z48.27B0I6 | Z48.30B0I6 |
| 550 | Z48.27B0I7 | Z48.30B0I7 |
| 600 | | Z48.30B0I8 |
| 650 | | Z48.30B0I9 |

all items




**E Dividing wall**



| Nominal length NL (mm) | Colour SW \| TS |
|---|---|
| 450 | Z46L420S |
| 500 | Z46L470S |
| 550 | Z46L520S |
| 600 | Z46L570S |
| 650 | Z46L620S |

Not suitable for inner pull-out!

# ORGA-LINE for TANDEMBOX intivo – cross divider

## Order information

**Recommendation – colour combination of the components**

| No. | Description | Colour | | | |
|---|---|---|---|---|---|
| | | SW | TS | | |
| A1 | Cross divider for cutting to size | SW | TS | | |
| A2 | Cross divider connector | SW | TS | | |
| B | Lateral divider | SW | TS | | |
| C | Adapter profile for cross divider | SW | TS | | |
| D | Bottle rack | INGL | INGL | | |
| E | Dividing wall | SW | TS | | |

| Colour | |
|---|---|
| SW | Silk white |
| TS | Terra black |

| Colour | |
|---|---|
| INGL | Stainless steel (Inox) Anti-fingerprint |



## Page instructions

Overview – ORGA-LINE for TANDEMBOX 551
ORGA-LINE kitchen accessories 569

**Assembly, removal and adjustment**

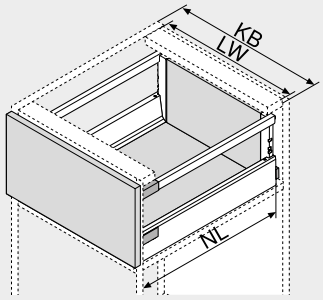
Short-URL
www.blum.com/a530

## ORGA-LINE for TANDEMBOX antaro – cross divider



- ORGA-LINE flexible dividing system
- With cross divider to be cut to size
- For TANDEMBOX antaro high fronted pull-out, height C and D with gallery
- Nominal length NL 270–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

**A1 Cross divider for cutting to size**



| Cabinet width KB (mm) | Colour | | Part no. |
|---|---|---|---|
| 275 | SW \| TS \| R9006 | 1 | Z40L152A |
| 300 | SW \| TS \| R9006 | 1 | Z40L177A |
| 550 | SW \| TS \| R9006 | 1 | Z40L427A |
| 600 | SW \| TS \| R9006 | 1 | Z40L477A |
| 900 | SW \| TS \| R9006 | 1 | Z40L777A |
| 1200 | SW \| TS \| R9006 | 1 | Z40L1077A |

1 Aluminium

**Cutting**

| | |
|---|---|
| X | Internal cabinet width LW – 91 mm |
| Y | Internal cabinet width LW – 295 mm (KB 275 mm) |
| Y | Internal cabinet width LW – 320 mm (KB 300 mm) |
| Z | 152 mm (KB 275 mm) |
| Z | 177 mm (KB 300 mm) |

**A2 Cross divider connector – dividing wall**



| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| WGR | Nylon | Z40L0002 |

Order 1 x for each cross divider; Y, Z

**A3 Cross divider connector – gallery**



| Height | Colour | Part no. |
|---|---|---|
| C | SW \| TS \| WGR | Z40C0002Z |
| D | SW \| TS \| WGR | Z40D0002Z |

Order 2 x for each cross divider; X
Order 1 x for each cross divider; Y, Z

**B Lateral divider**

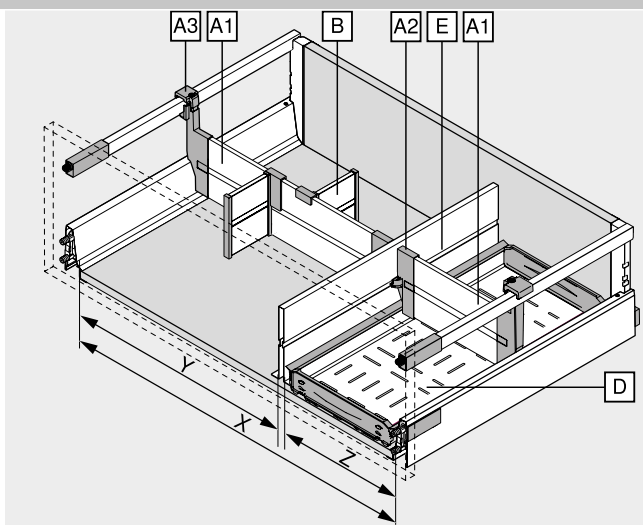


| Colour | Material | Part no. |
|---|---|---|
| SW \| TS \| R9006 | Steel | Z43L100S |

**D Bottle rack**



| Nominal length NL (mm) | Cabinet width KB (mm) 275 | 300 |
|---|---|---|
| 450 | all items | Z48.30B0I4 |
| 500 | Z48.27B0I6 | Z48.30B0I6 |
| 550 | Z48.27B0I7 | Z48.30B0I7 |
| 600 | | Z48.30B0I8 |
| 650 | | Z48.30B0I9 |




**E Dividing wall**



| Nominal length NL (mm) | Colour SW \| TS \| R9006 |
|---|---|
| 450 | Z46L420S |
| 500 | Z46L470S |
| 550 | Z46L520S |
| 600 | Z46L570S |
| 650 | Z46L620S |

Not suitable for inner pull-out!

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | R9006 | RAL 9006 grey (white aluminium) |
| TS | Terra black | WGR | White grey |

### Page instructions


| | |
|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 |
| Recommendation for high fronted pull-out \| inner pull-out | 566 |
| Recommendation – colour combination of the components | 563 |
| ORGA-LINE kitchen accessories | 569 |


**Assembly, removal and adjustment**

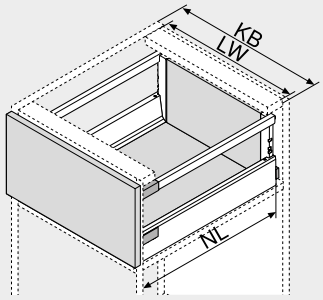
**Short-URL**
www.blum.com/a530

## ORGA-LINE for TANDEMBOX antaro – cross gallery



- ORGA-LINE flexible dividing system
- With cross gallery for cutting to size
- For TANDEMBOX antaro high fronted pull-out, height C and D with gallery
- Nominal length NL 270–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

**A1 Cross gallery for cutting to size**

| Cabinet width KB (mm) | Colour | | Part no. |
|---|---|---|---|
| 275 | SW \| TS \| R9006 | [1] | ZRG.179Q |
| 300 | SW \| TS \| R9006 | [1] | ZRG.204Q |
| 550 | SW \| TS \| R9006 | [1] | ZRG.454Q |
| 600 | SW \| TS \| R9006 | [1] | ZRG.504Q |
| 900 | SW \| TS \| R9006 | [1] | ZRG.804Q |
| 1200 | SW \| TS \| R9006 | [1] | ZRG.1104Q |

[1] Aluminium

**Cutting**
Internal cabinet width LW – 63 mm

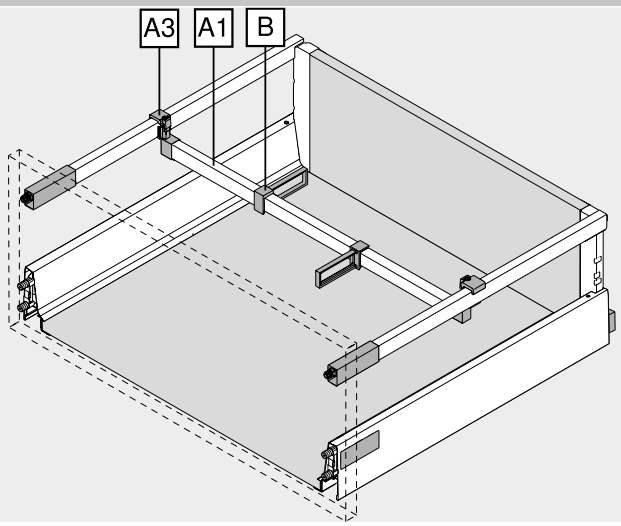
**A3 Cross gallery connector**

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZRU.01E0 |

Order 2 x for each cross gallery

**B Lateral divider**

| Colour | Material | Part no. |
|---|---|---|
| SW \| S \| WGR | Nylon | ZRU.11F0 |




### Recommendation – colour combination of the components

**ORGA-LINE for TANDEMBOX antaro – cross divider**

| No. | Description | Colour | | |
|---|---|---|---|---|
| | | SW | TS | R9006 |
| A1 | Cross divider for cutting to size | SW | TS | R9006 |
| A2 | Cross divider connector – dividing wall | SW | TS | WGR |
| A3 | Cross divider connector – gallery | SW | TS | WGR |
| B | Lateral divider | SW | TS | R9006 |
| D | Bottle rack | INGL | INGL | INGL |
| E | Dividing wall | SW | TS | R9006 |

**ORGA-LINE for TANDEMBOX antaro – cross gallery**

| No. | Description | Colour | | |
|---|---|---|---|---|
| | | SW | TS | R9006 |
| A1 | Cross gallery for cutting to size | SW | TS | R9006 |
| A3 | Cross gallery connector | SW | S | WGR |
| B | Lateral divider | SW | S | WGR |

| Colour | | Colour | |
|---|---|---|---|
| SW | Silk white | S | Black |
| TS | Terra black | WGR | White grey |
| R9006 | RAL 9006 grey (white aluminium) | | |

### Page instructions


| | |
|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 |
| Recommendation for high fronted pull-out \| inner pull-out | 566 |
| ORGA-LINE kitchen accessories | 569 |


**Assembly, removal and adjustment**

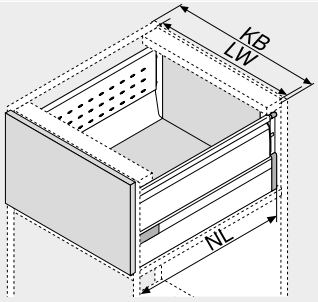
Short-URL
www.blum.com/a530

## ORGA-LINE for TANDEMBOX plus – cross divider



- ORGA-LINE flexible dividing system
- With cross divider to be cut to size
- Tool-free assembly
- For TANDEMBOX plus high fronted pull-out, height D with double walled BOXSIDE
- Nominal length NL 270–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

**A1 Cross divider for cutting to size**



| Cabinet width KB (mm) | Colour | | Part no. |
|---|---|---|---|
| 275 | SW \| R9006 | 1 | Z40L152A |
| 300 | SW \| R9006 | 1 | Z40L177A |
| 550 | SW \| R9006 | 1 | Z40L427A |
| 600 | SW \| R9006 | 1 | Z40L477A |
| 900 | SW \| R9006 | 1 | Z40L777A |
| 1200 | SW \| R9006 | 1 | Z40L1077A |

1 Aluminium

**Cutting**

| | |
|---|---|
| X | Internal cabinet width LW – 91 mm |
| Y | Internal cabinet width LW – 295 mm (KB 275 mm) |
| Y | Internal cabinet width LW – 320 mm (KB 300 mm) |
| Z | 152 mm (KB 275 mm) |
| Z | 177 mm (KB 300 mm) |

**A2 Cross divider connector**



| Material | Colour | Part no. |
|---|---|---|
| R7037 | Nylon | Z40H0002Z |

Order 2 x for each cross divider
Order 1 x for each cross divider; Y, Z only in combination with A3

**Alternative to A2**

**A3 Cross divider connector – gallery**



| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | Z40H0002ZR |

Order 2 x for each cross divider; X
Order 1 x for each cross divider; Y, Z

**B Lateral divider**



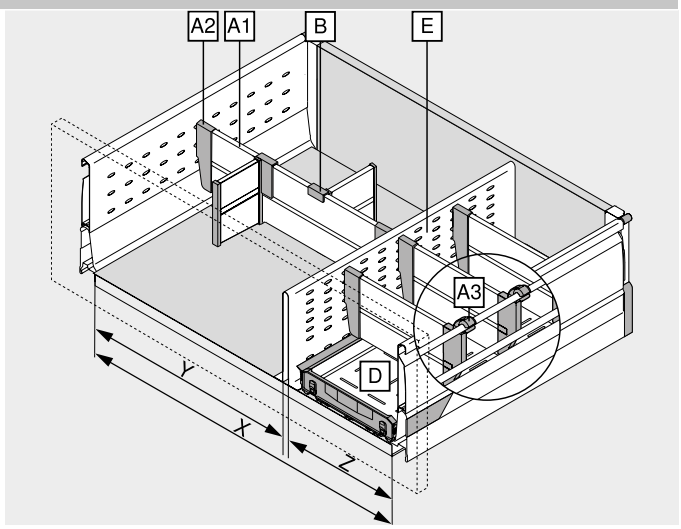
| Colour | Material | Part no. |
|---|---|---|
| SW \| R9006 | Steel | Z43L100S |

**D Bottle rack**



| Nominal length NL (mm) | Cabinet width KB (mm) 275 | 300 |
|---|---|---|
| 450 | | Z48.30B0I4 |
| 500 | Z48.27B0I6 | Z48.30B0I6 |
| 550 | Z48.27B0I7 | Z48.30B0I7 |
| 600 | | Z48.30B0I8 |
| 650 | | Z48.30B0I9 |

all items




**E Dividing wall**



| Nominal length NL (mm) | Colour W \| R9006 |
|---|---|
| 450 | Z46C420S.E2 |
| 500 | Z46C470S.E2 |
| 550 | Z46C520S.E2 |
| 600 | Z46C570S.E2 |
| 650 | Z46C620S.E2 |

Not suitable for inner pull-out!

| Colour | | Colour | |
|---|---|---|---|
| W | White | SW | Silk white |
| R9006 | RAL 9006 grey (white aluminium) | R7037 | RAL 7037 dust grey |

### Page instructions


| | |
|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 |
| Recommendation for high fronted pull-out \| inner pull-out | 566 |
| Recommendation – colour combination of the components | 565 |
| ORGA-LINE kitchen accessories | 569 |


**Assembly, removal and adjustment**

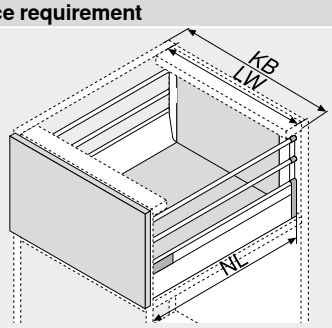
Short-URL
www.blum.com/a530

## ORGA-LINE for TANDEMBOX plus – cross gallery



- ORGA-LINE flexible dividing system
- With cross gallery for cutting to size
- For TANDEMBOX plus high fronted pull-out, height C and D with gallery
- Nominal length NL 270–650 mm
- Recommendation: cabinet width KB 275–1200 mm

### Space requirement




| | |
|---|---|
| NL | Nominal length |
| KB | Cabinet width |
| LW | Internal cabinet width |

### Order information

**A1 Cross gallery for cutting to size**

**Cabinet width KB – 1200 mm**

| Colour | Material | Part no. |
|---|---|---|
| W \| R9006 | Aluminium | ZRG.1094U |

**Cutting**
Internal cabinet width LW – 68 mm

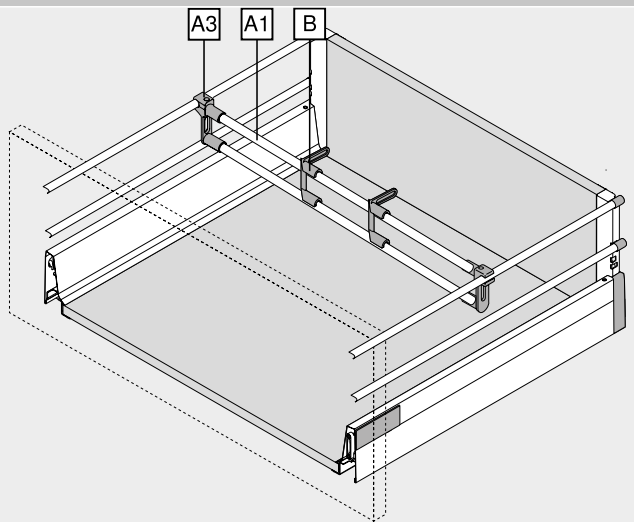
**A3 Cross gallery connector**

| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | ZRU.00Z0 |

Order 2 x for each cross gallery

**B Lateral divider**

| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | ZRU.00F0 |




**Recommendation – colour combination of the components**

**ORGA-LINE for TANDEMBOX plus – cross divider**

| No. | Description | Colour | | | |
|---|---|---|---|---|---|
| | | W | R9006 | | |
| A1 | Cross divider for cutting to size | SW | R9006 | | |
| A2 | Cross divider connector | R7037 | R7037 | | |
| A3 | Cross divider connector – gallery | R7037 | R7037 | | |
| B | Lateral divider | SW | R9006 | | |
| D | Bottle rack | INGL | INGL | | |
| E | Dividing wall | W | R9006 | | |

**ORGA-LINE for TANDEMBOX plus – cross gallery**

| No. | Description | Colour | | | |
|---|---|---|---|---|---|
| | | W | R9006 | | |
| A1 | Cross gallery for cutting to size | W | R9006 | | |
| A3 | Cross gallery connector | R7037 | R7037 | | |
| B | Lateral divider | R7037 | R7037 | | |

| Colour | | Colour | |
|---|---|---|---|
| W | White | R7037 | RAL 7037 dust grey |
| SW | Silk white | INGL | Stainless steel (Inox) Anti-fingerprint |
| R9006 | RAL 9006 grey (white aluminium) | | |

### Page instructions


| | |
|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 |
| Recommendation for high fronted pull-out \| inner pull-out | 566 |
| ORGA-LINE kitchen accessories | 569 |


**Assembly, removal and adjustment**

**Short-URL**
www.blum.com/a530

## Recommendation for high fronted pull-out | inner pull-out



### Application – provisions

### Application – open provisions

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 275 | 1 x cross divider | 2 x cross divider | | | |
| 300 | | | | | |
| 400 | | | | | |
| 450 | 1 x cross divider, 2 x lateral dividers | 2 x cross divider, 3 x lateral dividers | | | |
| 500 | | | | | |
| 550 | | | | | |
| 600 | | | | | |
| 800 | 1 x cross divider, 3 x lateral dividers | 2 x cross divider, 6 x lateral dividers | | | |
| 900 | | | | | |
| 1000 | | | | | |
| 1200 | | | | | |

| Application | Nominal length NL (mm) 600 | 650 |
|---|---|---|
| SPACE CORNER | 1 x cross divider, 2 x lateral dividers | |



### Application – crockery

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| Starting at 400 | 2 x Blum plate holders | | | | |
| Starting at 800 | 4 x Blum plate holders | | | | |
| Starting at 1000 | 6 x Blum plate holders | | | | |

| SPACE CORNER Installation dimension PL (mm) | Nominal length NL (mm) 600 | 650 |
|---|---|---|
| Up to 1050 | 2 x Blum plate holders | |
| Starting at 1050 | 3 x Blum plate holders | |



### Application – plastic containers

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 275 | 1 x cross divider | | | | |
| 300 | | | | | |
| 400 | | | | | |
| 450 | 1 x cross divider, 2 x lateral dividers | | | | |
| 500 | | | | | |
| 550 | | | | | |
| 600 | | | | | |
| 800 | 1 x cross divider, 3 x lateral dividers | | | | |
| 900 | | | | | |
| 1000 | | | | | |
| 1200 | | | | | |

| Application | Nominal length NL (mm) 600 | 650 |
|---|---|---|
| SPACE CORNER | 1 x cross divider, 2 x lateral dividers | |



### Application – waste bin pull-out | cleaning agents

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 900–1200 | 1 x bottle rack, 2 x dividing wall, 3 x cross divider | 1 x bottle rack, 2 x dividing wall, 4 x cross divider | | 1 x bottle rack, 2 x dividing wall, 5 x cross divider | |



### Application – spices

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 300 | 2 x spice holders, 1 x cross divider | | | 2 x spice holders, 2 x cross divider | |
| 400 | | | | | |
| 450 | 2 x spice holders, 1 x cross divider, 2 x lateral dividers | | | 2 x spice holders, 2 x cross divider, 3 x lateral dividers | |



### Application – bottles

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 275 | – | 1 x bottle rack, 4 x cross divider | | 1 x bottle rack, 5 x cross divider | |
| 300 | 1 x bottle rack, 3 x cross divider | | | | |

## Recommendation for high fronted pull-out | inner pull-out



### Application – bottles | cutting boards

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 400 | 1 x bottle rack, 1 x dividing wall, 3 x cross divider | 1 x bottle rack, 1 x dividing wall, 4 x cross divider | | 1 x bottle rack, 1 x dividing wall, 5 x cross divider | |
| 450 | | | | | |
| 500 | | | | | |
| 550 | 1 x bottle rack, 2 x dividing wall, 3 x cross divider | 1 x bottle rack, 2 x dividing wall, 4 x cross divider | | 1 x bottle rack, 2 x dividing wall, 5 x cross divider | |
| 600 | | | | | |
| 800 | | | | | |
| 900 | | | | | |
| 1000 | | | | | |
| 1200 | | | | | |

Not suitable for inner pull-out!



### Application – pots | lids | pans | cooking utensils

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 600 | 1 x cross divider, 2 x lateral dividers | 2 x cross divider, 3 x lateral dividers | | | |
| 800 | 1 x cross divider, 3 x lateral dividers | 2 x cross divider, 6 x lateral dividers | | | |
| 900 | | | | | |
| 1000 | | | | | |
| 1200 | | | | | |



### Application – baking trays | tins

| Cabinet width KB (mm) | Nominal length NL (mm) 450 | 500 | 550 | 600 | 650 |
|---|---|---|---|---|---|
| 300 | 1 x dividing wall | | | | |
| 400 | 2 x dividing wall | | | | |
| 450 | | | | | |
| Starting at 500 | 3 x dividing wall | | | | |

Not suitable for inner pull-out!



### Page instructions


| | | | | | |
|---|---|---|---|---|---|
| Overview – ORGA-LINE for TANDEMBOX | 551 | ORGA-LINE for TANDEMBOX plus – cross divider | 564 | **Assembly, removal and adjustment** | |
| ORGA-LINE for TANDEMBOX intivo – cross divider | 560 | ORGA-LINE for TANDEMBOX plus – cross gallery | 565 | **Short-URL** | |
| ORGA-LINE for TANDEMBOX antaro – cross divider | 562 | ORGA-LINE kitchen accessories | 569 | **www.blum.com/a530** | |
| ORGA-LINE for TANDEMBOX antaro – cross gallery | 563 | | | | |

## Small accessories, big impact



The practical ORGA-LINE kitchen accessories also make many kitchen tasks easier and organise interiors. With the spice holder, foil dispenser and much more, you have everything that you need close at hand. And when cooking is done, they can be quickly stored away. For ORGA-LINE organisation that also looks beautiful.



**Foil/Film dispenser**
Plastic film without any creases – child's play with our dispenser. The secret: The Blum dispenser rod



**Knife holder**
Whether large or small – the knife holder can safely hold up to 9 knives

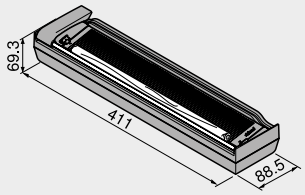


**Blum plate holder**
The infinitely adjustable Blum plate holder can safely accommodate up to 12 plates in the pull-out and can also be easily transported



**Spice holder**
The ORGA-LINE spice holder provides safe and well-organised storage for your spices

## Film dispenser




- Film dispenser
- Dispenser rod for crease-free removal
- Plastic film neatly stored
- Antislipping device through flexible base fixing bracket
- Removable
- Material: nylon/steel/aluminium
- Colour: RAL 7037 dust grey

**Order information**

**Film dispenser**

| Version | Part no. |
|---|---|
| With foil | ZSZ.01F0 |
| Without foil | ZSZ.01F1 |

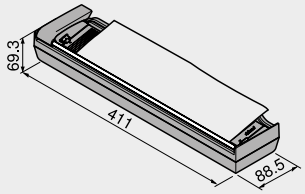
**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

**www.blum.com/a540**

## Foil dispenser




- Foil dispenser
- Aluminium foil neatly stored
- Material: nylon/steel
- Colour: RAL 7037 dust grey
- Antislipping device through flexible base fixing bracket
- Removable

**Order information**

**Foil dispenser**

| Version | Part no. |
|---|---|
| With foil | ZSZ.02F0 |
| Without foil | ZSZ.02F1 |

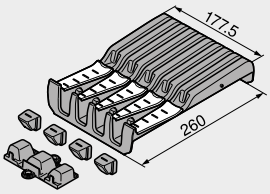
**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

**www.blum.com/a540**

## Knife holder




- Safe accommodation of four large and five small knives
- Incl. handle support for long knives
- Antislipping device through base fixing bracket
- Dishwasher-proof up to +65°C
- Material: nylon/stainless steel (Inox)
- Colour: RAL 7037 dust grey

**Order information**

| Description | Part no. |
|---|---|
| Knife holder | ZSZ.02M0 |

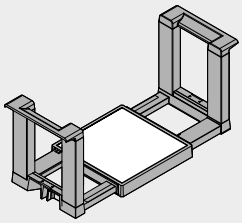
**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

**www.blum.com/a540**

## Blum plate holder



- Safe accommodation of up to 12 plates
- Plate size can be infinitely adjusted
- Removable
- Material: nylon/stainless steel (Inox)
- Colour: orion grey matt

**Order information**

| Description | Part no. |
|---|---|
| Blum plate holder | ZC7T0350 |
| Diameter of plates (mm) | 186–322 |
| Stacking height of plates (mm) | 146 |
| Overall height (mm) | 170 |

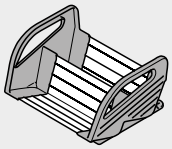
**Page instructions**

**Assembly, removal and adjustment**

**Short-URL**

**www.blum.com/a540**

## Spice holder



- Antislipping device through flexible base fixing bracket
- Removable
- For a variety of spice container sizes
- Material: nylon/stainless steel (Inox)
- Colour: RAL 7037 dust grey

### Order information

| KB (mm) | Width (mm) | Part no. |
|---|---|---|
| 300 | 212 | ZFZ.30G0I |
| 400 | 312 | ZFZ.40G0I |
| 450 | 362 | ZFZ.45G0I |

KB Cabinet width

### Page instructions

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a540

## Kitchen accessory set



**Kitchen accessory set, consisting of:**

- 1 x film dispenser
- 1 x foil dispenser
- 1 x knife holder
- 2 x Blum plate holders
- 2 x spice holders for cabinet width KB 300 mm

### Order information

| Description | Part no. |
|---|---|
| Kitchen accessory set | ZOU.30U1I |

Incl. plastic film
Incl. aluminium foil



# Motion technologies



Extensive surfaces, clear-cut designs, handle-less fronts – minimalist looks put the spotlight on the functionality of furniture. Four technologies give you almost countless possibilities for handle-less furniture in kitchens and in many other living areas.

Easy opening and silent closing ensure a fascinating quality of motion for Blum products.

The innovative motion technologies from Blum support users in all living areas by providing high quality of motion – for the lifetime of the furniture.

6

**BLUMOTION**



**For silent and effortless closing**
Thanks to BLUMOTION, furniture closes silently and effortlessly no matter how hard you close lift systems, doors or pull-outs or how heavy they are

**SERVO-DRIVE**



**The electrical opening support**
Opening is fascinatingly easy: A single touch suffices and lift systems and pull-outs seem to open by themselves. BLUMOTION provides silent and effortless closing action

**TIP-ON BLUMOTION**



**Two functions – fascinatingly combined**
TIP-ON BLUMOTION combines the advantages of the TIP-ON mechanical opening support system with reliable BLUMOTION dampening – 100% mechanically

**TIP-ON**



**The mechanical opening support system**
Handle-less furniture can be opened with a light touch thanks to TIP-ON. Lift systems, doors or pull-outs are closed again by pressing

## Overview – applications

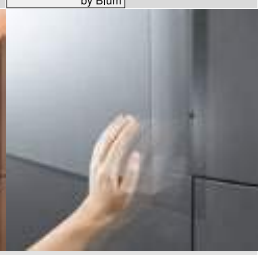

Symbolic image

Overview – applications 574

## ► SERVO-DRIVE single applications


Symbolic image

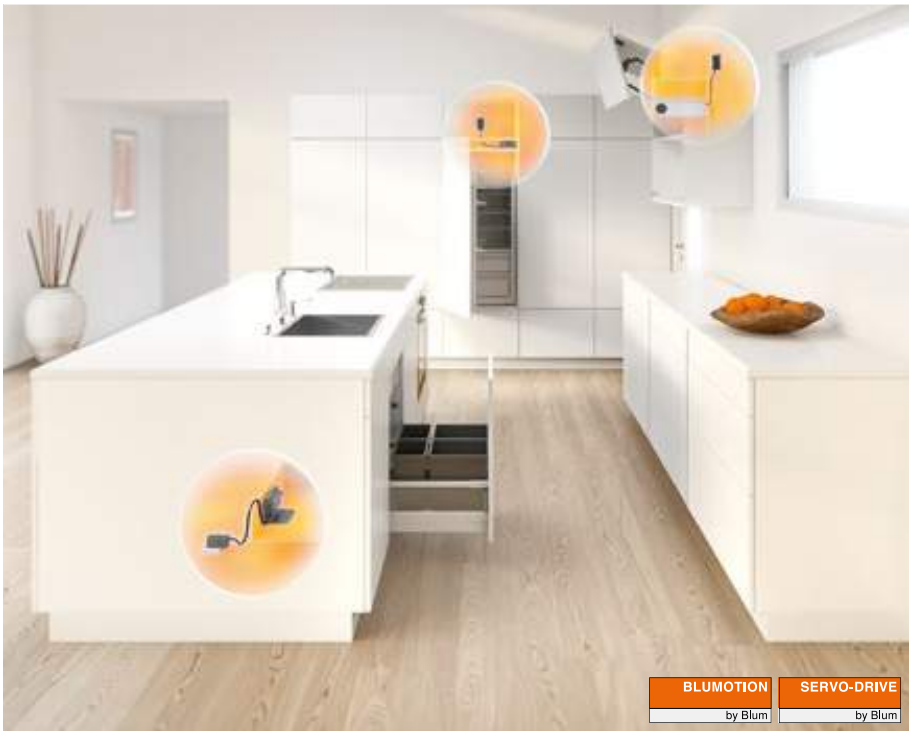
► SERVO-DRIVE single applications 576
►► Overview 577

| Motion technologies | BLUMOTION | | SERVO-DRIVE | | TIP-ON BLUMOTION | | TIP-ON | |
|---|---|---|---|---|---|---|---|---|
| | BLUMOTION by Blum | | SERVO-DRIVE by Blum | | TIP-ON BLUMOTION by Blum | | TIP-ON by Blum | |
| |  | |  | |  | |  | |
| **Lift systems** | | | | | | | | |
| ► AVENTOS HF | ● | 41 | ○ | 41 | – | | – | |
| ► AVENTOS HS | ● | 53 | ○ | 53 | – | | – | |
| ► AVENTOS HL | ● | 59 | ○ | 59 | – | | – | |
| ► AVENTOS HK | ● | 65 | ○ | 65 | – | | ○ | 65 |
| ► AVENTOS HK-S | ● | 75 | – | | – | | ○ | 75 |
| ► AVENTOS HK-XS | ● | 81 | – | | – | | ○ | 81 |
| **Hinge systems** | | | | | | | | |
| ► CLIP top BLUMOTION \| CLIP top | | | | | | | | |
| CLIP top BLUMOTION | ● | 93 | – | | – | | – | |
| CLIP top | ○ | 185 | – | | – | | ○ | 199 |
| ► MODUL | | | | | | | | |
| MODUL BLUMOTION | ● | 203 | – | | – | | – | |
| MODUL | – | | – | | – | | – | |
| **Box systems** | | | | | | | | |
| ► LEGRABOX | ● | 219 | ○ | 379 | ○ | 263 | ● | 267 |
| ► TANDEMBOX intivo | ● | 271 | ○ | 379 | ○ | 373 | – | |
| ► TANDEMBOX antaro | ● | 297 | ○ | 379 | ○ | 373 | – | |
| ► TANDEMBOX plus | ● | 345 | ○ | 379 | ○ | 373 | – | |
| ► METABOX | ○ | 429 | – | | – | | – | |
| **Runner systems** | | | | | | | | |
| ► MOVENTO | ● | 437 | ○ | 491 | ○ | 453 | ● | 459 |
| ► TANDEM | ● | 465 | ○ | 491 | – | | ○ | 465 |

● Integrated ○ Possible – Not possible



## SERVO-DRIVE ease of use can also be implemented on an individual basis




For refrigerators, waste bin pull-outs or individual lift systems in wall cabinets, the SERVO-DRIVE electric motion support system guarantees that opening is fascinatingly simple.



SERVO-DRIVE flex for refrigerators, freezers and dishwashers



The SERVO-DRIVE flex drive unit is suitable for different device versions



SERVO-DRIVE uno for waste bin pull-outs



SERVO-DRIVE uno for the waste bin pull-out can easily be retrofitted and installed in just a few simple steps



SERVO-DRIVE uno for AVENTOS



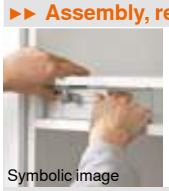
If just one lift system is to be fitted with an electrical system, SERVO-DRIVE uno for AVENTOS is the ideal motion support system

## ►► SERVO-DRIVE flex


Symbolic image

SERVO-DRIVE flex for refrigerators and freezers 578
SERVO-DRIVE flex for dishwashers 582

## ►► Assembly, removal and adjustment


Symbolic image

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a610

## SERVO-DRIVE uno


Symbolic image

SERVO-DRIVE uno for bottom mount waste bin solutions – LEGRABOX | TANDEMBOX 392
SERVO-DRIVE uno for top mount waste bin solutions – TANDEMBOX 394
SERVO-DRIVE uno for bottom mount waste bin solutions – MOVENTO | TANDEM 498
SERVO-DRIVE uno for AVENTOS 43

## Pictograph

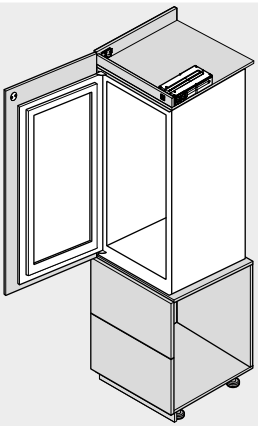
- Item Available Upon Request
- General Information
- SERVO-DRIVE
- Planning

## SERVO-DRIVE flex for refrigerators and freezers

Webcode DQE85A



- Can be used for all standard built-in refrigerators and freezers
- Low recess height NH for drive unit of min. 60 mm
- Adaptive system
- Automatic self-closing system for unintentional opening
- Leaning protection
- Trigger safety
- Easy assembly and installation
- Not suitable for: refrigerators and freezers without own cabinet; freezers with base unit (recess height NH ≥ 1780 mm); refrigerated pull-outs



### Order information

**Refrigerator– recess height NH ≤ 1780 mm**

**Freezer – recess height NH < 1780 mm**

**17 SERVO-DRIVE flex set**

| Colour | Part no. |
|---|---|
| R7035 | Z10C500A |

**Composed of:**

| | | |
|---|---|---|
| 9 | 1 x | Drive unit |
| 17a | 2 x | Mounting plate |
| 17b | 2 x | Front fixing |
| 17c | 1 x | Front cover |
| 17d | 1 x | Catch plate |
| 1 | 3 x | Blum distance bumper |
| 12a | 1 x | Connecting node |
| 17e | 11 x | Chipboard screws |
| 17f | 1 x | Assembly jig |

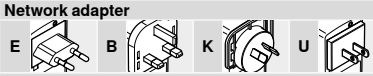
**16 Blum plug-in transformer 12 W**

**Only suitable for one drive unit**



| Network adapter | Language package | Part no. | Network adapter | Language package | Part no. |
|---|---|---|---|---|---|
| E | A | ☎ Z10NA30EAF | E | F | ☎ Z10NA30EFF |
| E | B | ☎ Z10NA30EBF | B | A | ☎ Z10NA30BAF |
| E | C | ☎ Z10NA30ECF | K | D | ☎ Z10NA30KDF |
| E | D | ☎ Z10NA30EDF | U | G | ☎ Z10NA30UGF |
| E | E | ☎ Z10NA30EEF | | | |

**Network adapter** [1]




**Language package**

| | | | |
|---|---|---|---|
| A | DE, EN, FR, IT, NL | E | CS, HU, PL, SK |
| B | DA, EN, FI, NO, SV | F | BG, ET, LT, LV, RO, RU |
| C | EL, EN, HR, SL, SR, TR | G | EN, ES, FR |
| D | EN, ES, FR, IT, PT | H | EN, ZH |

Language descriptions as per ISO-639

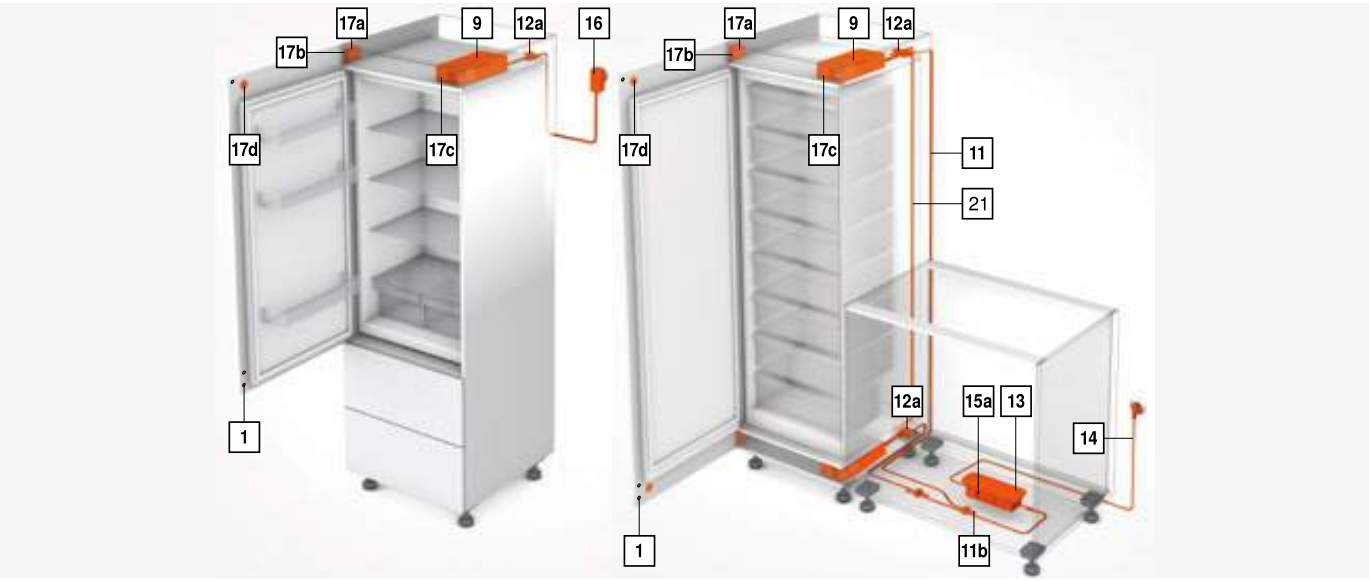
**Composed of:**

16 1 x Blum plug-in transformer 12 W

Incl. cable, 1120 mm (non-extendible)

Other combinations available upon request

[1] See the Information chapter for a detailed market list



# SERVO-DRIVE flex for refrigerators and freezers

Webcode DQE85A

## Order information

### Freezer – recess height NH ≥ 1780 mm

### Fridge/freezer combination

**17 SERVO-DRIVE flex set**



| Colour | | Part no. |
|---|---|---|
| R7035 | 2 x | Z10C500A |

**Composed of:**

| | | |
|---|---|---|
| 9 | 1 x | Drive unit |
| 17a | 2 x | Mounting plate |
| 17b | 2 x | Front fixing |
| 17c | 1 x | Front cover |
| 17d | 1 x | Catch plate |
| 1 | 3 x | Blum distance bumper |
| 12a | 1 x | Connecting node |
| 17e | 11 x | Chipboard screws |
| 17f | 1 x | Assembly jig |

Order synchronisation cable [21] separately

**11 Distribution cable**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 3000 | S | Z10K300A |

For cutting to size

**12 Connecting node and cable end protector**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | S | Z10V100E.01 |

**Composed of:**

| | | |
|---|---|---|
| 12a | 1 x | Connecting node |
| 11b | 2 x | Cable end protector |

**13 Blum transformer 24 W**



| Language package | Part no. | Language package | Part no. |
|---|---|---|---|
| A | Z10NE030A | E | Z10NE030E |
| B | Z10NE030B | F | Z10NE030F |
| C | Z10NE030C | G | Z10NE030G |
| D | Z10NE030D | H | Z10NE030H |

Required for two or more drive units
Incl. instruction leaflet and installation instructions
Without flex

**Language package**

| | | | |
|---|---|---|---|
| A | DE, EN, FR, IT, NL | E | CS, HU, PL, SK |
| B | DA, EN, FI, NO, SV | F | BG, ET, LT, LV, RO, RU |
| C | EL, EN, HR, SL, SR, TR | G | EN, ES, FR |
| D | EN, ES, FR, IT, PT | H | EN, ZH |

Language descriptions as per ISO-639

**14 Flex**



| Market | Part no. | Market | Part no. |
|---|---|---|---|
| Europe | Z10M200E | CH | Z10M200C |
| US, CA | Z10M200U | JP | Z10M200J |
| BR | Z10M200S.01 | UK | Z10M200B |
| DK | Z10M200D | IL | Z10M200I |
| AU | Z10M200K | CN | Z10M200N |
| AR | Z10M200A | IN | Z10M200H |
| CL | Z10M200L | TW | Z10M200T |
| ZA | Z10M200Z | Europe [1] | Z10M200E.OS |

[1] Without plug

**15a Transformer unit housing**

**Base fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | R7037 | Z10NG000 |

Incl. cover
For Blum transformer 24 W

**Alternative to 15a**

**15b Transformer unit housing**

**Panel fixing**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | WGR | Z10NG120 |

For Blum transformer 24 W

### Freezer – recess height NH ≥ 1780 mm

**21 Synchronisation cable**



| Length (mm) | Colour | Part no. |
|---|---|---|
| 3000 | R7035 | Z10K300A |

For cutting to size
Connects two drive units that need to activate simultaneously

## a Accessories

**– Cable holder**



| Material | Colour | Part no. |
|---|---|---|
| Nylon | W | Z10K0009 |

For example, for securing the distribution cable

**24 SERVO-DRIVE switch**



| Colour | Part no. |
|---|---|
| SW \| HGR | 21P5020 |

**25 Wireless receiver**



| Colour | Part no. |
|---|---|
| R7035 | Z10C5007 |

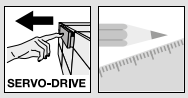
| Colour | | Colour | |
|---|---|---|---|
| S | Black | WGR | White grey |
| R7035 | RAL 7035 light grey | W | White |
| R7037 | RAL 7037 dust grey | | |

## Page instructions


| | |
|---|---|
| Overview – SERVO-DRIVE single applications | 577 |
| SERVO-DRIVE uno – market list | 706 |
| Planning | 580 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a610

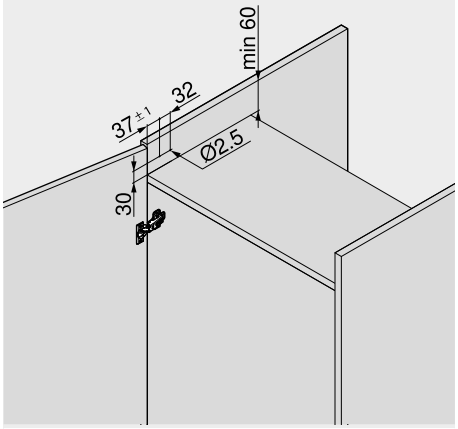



# SERVO-DRIVE flex for refrigerators and freezers

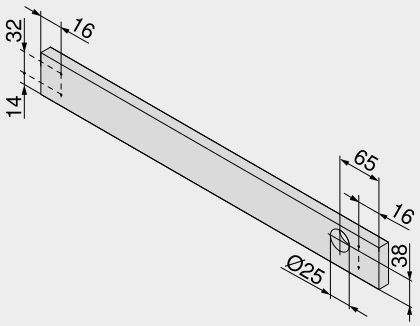
Webcode DQE85A

## Planning

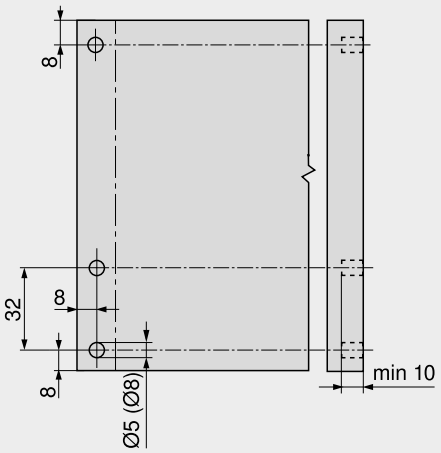
### Mounting plate




### Front – drive unit

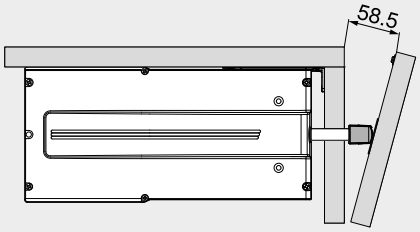


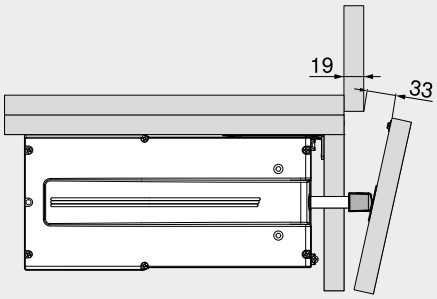

### Blum distance bumper



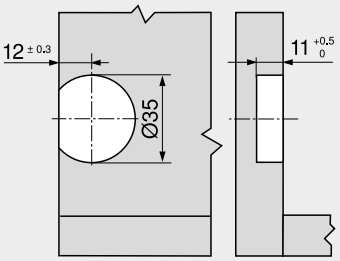

Blum distance bumper is required for the refrigerator and freezer door
The Blum distance bumper creates and maintains the required trigger path of 2 mm

### Access gap



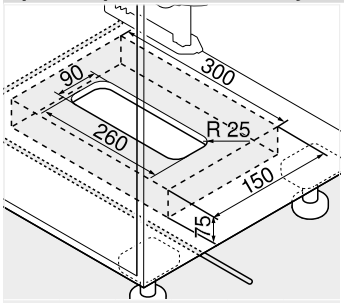




### SERVO-DRIVE switch

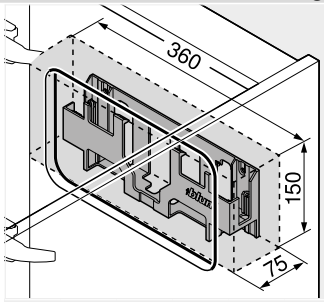



Position in the worktop area

### Space requirement and safety distance – transformer unit housing




Base fixing




Panel fixing

**Attention**
Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the transformer unit housing to the neighbouring elements

Air must be able to circulate, otherwise the Blum transformer could overheat

### Page instructions


| | |
|---|---|
| Overview – SERVO-DRIVE single applications | 577 |
| SERVO-DRIVE uno – market list | 706 |
| Order information | 578 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

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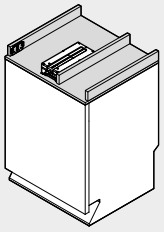

SERVO-DRIVE

## SERVO-DRIVE flex for dishwashers

Webcode DQE8UM



- For all standard built-in dishwashers
- Low recess height NH for drive unit of min. 60 mm
- Adaptive system
- Leaning protection
- Trigger safety
- Easy assembly and installation
- Application option dependent on device type and worktop and plinth height; see Planning



### Order information

**17 SERVO-DRIVE flex set**

| Colour | Part no. |
|---|---|
| R7035 | Z10C500A |

**Composed of:**

| | | |
|---|---|---|
| 9 | 1 x | Drive unit |
| 17a | 2 x | Mounting plate |
| 17b | 2 x | Front fixing |
| 17c | 1 x | Front cover |
| 17d | 1 x | Catch plate |
| 1 | 3 x | Blum distance bumper |
| 12a | 1 x | Connecting node |
| 17e | 11 x | Chipboard screws |
| 17f | 1 x | Assembly jig |

**17a Mounting plate**

| Colour | Part no. |
|---|---|
| R7035 | Z10C5005 |

Also requires

| Colour | |
|---|---|
| R7035 | RAL 7035 light grey |

**16 Blum plug-in transformer 12 W**

**Only suitable for one drive unit**

| Network adapter | Language package | Part no. | Network adapter | Language package | Part no. |
|---|---|---|---|---|---|
| E | A | ☎ Z10NA30EAF | E | F | ☎ Z10NA30EFF |
| E | B | ☎ Z10NA30EBF | B | A | ☎ Z10NA30BAF |
| E | C | ☎ Z10NA30ECF | K | D | ☎ Z10NA30KDF |
| E | D | ☎ Z10NA30EDF | U | G | ☎ Z10NA30UGF |
| E | E | ☎ Z10NA30EEF | | | |

**Network adapter** [1]

E B K U

**Language package**

| | | | |
|---|---|---|---|
| A | DE, EN, FR, IT, NL | E | CS, HU, PL, SK |
| B | DA, EN, FI, NO, SV | F | BG, ET, LT, LV, RO, RU |
| C | EL, EN, HR, SL, SR, TR | G | EN, ES, FR |
| D | EN, ES, FR, IT, PT | H | EN, ZH |

Language descriptions as per ISO-639

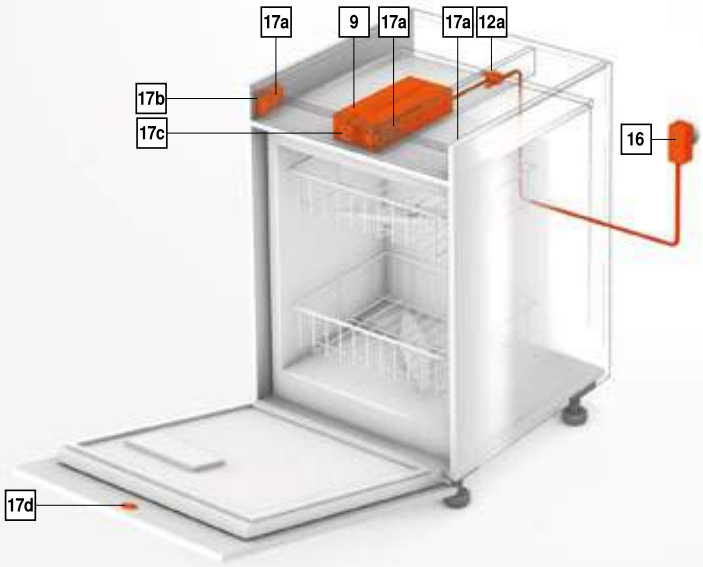
**Composed of:**

16 1 x Blum plug-in transformer 12 W

Incl. cable, 1120 mm (non-extendible)

Other combinations available upon request

[1] See the Information chapter for a detailed market list

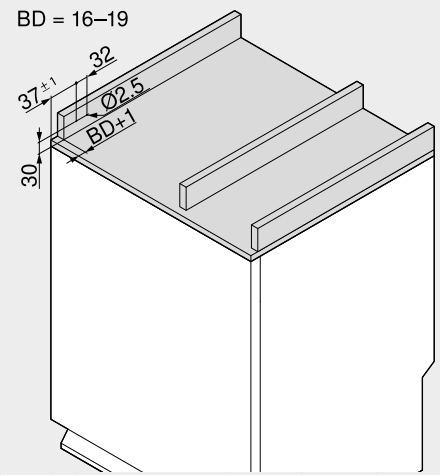


# SERVO-DRIVE flex for dishwashers

Webcode
DQE8UM

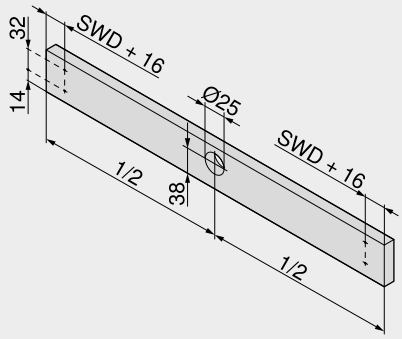
## Planning

### Mounting plate



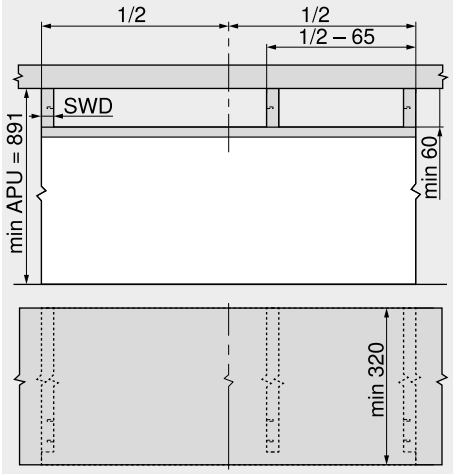

| | |
|---|---|
| BD | Front thickness<br>Max. 19 mm |

### Front – drive unit



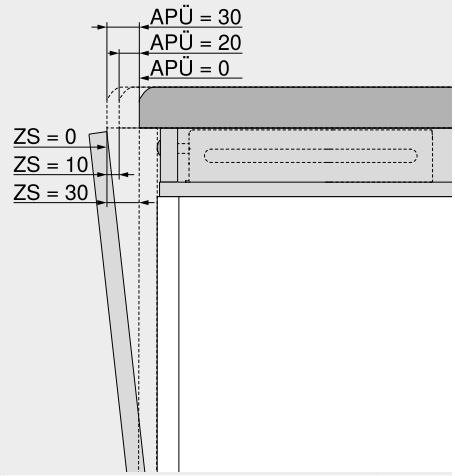

| | |
|---|---|
| SWD | Side panel thicknesses |

### Drive unit




| | |
|---|---|
| SWD | Side panel thicknesses |
| APU | Worktop bottom edge |

### Access gap




| APÜ (mm) | ZS (mm) |
|---|---|
| 0 | 30 |
| 20 | 10 |
| 30 | 0 |

| | |
|---|---|
| APÜ | Worktop protrusion |
| ZS | Access gap |

## Page instructions


| | |
|---|---|
| Overview – SERVO-DRIVE single applications | 577 |
| SERVO-DRIVE uno – market list | 706 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

Short-URL
www.blum.com/a610

# Further products



**CABLOXX**



CABLOXX adds an extra layer of security to premium furniture, whilst offering plenty of design freedom

**EXPANDO T**



The EXPANDO T fixing system is ideal when using thin fronts made from a range of materials with lift systems, doors and pull-outs

**Wall hanging bracket**



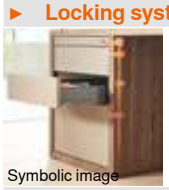
Blum hanging brackets withstand high loads and are exceptionally safe. This kind of reliability is very important for heavily loaded furniture

**Cabinet connectors**



The Blum programme contains connectors that can be used in numerous furniture applications

## Locking systems


Symbolic image

CABLOXX 586

## Fixing systems


Symbolic image

Fixing system for thin fronts – EXPANDO T 588

## Wall hanging bracket


Symbolic image

Screw-on wall hanging bracket 590
Knock-in wall hanging bracket 590

## Cabinet connectors


Symbolic image

Screw-on cabinet connector 591
Knock-in cabinet connector 591
Connector screw cabinet connector 592
Cabinet connector with dowel and expansion pin 593
Cabinet connector with connecting piece system 32 593



## Pictograph

- Item Available Upon Request
- Accessories
- General Information
- Wall hanging bracket
- Cabinet connectors
- Planning

## CABLOXX



- CABLOXX is a compact package that provides an extra layer of security, whilst offering plenty of design freedom
- System-independent solution – can be combined with various box and runner systems
- High flexibility – can be used for various cabinet dimensions
- Up to five pull-outs can be used per locking bar
- Can be combined with all motion technologies
- Unrestricted adjustment

**Spacer planning and calculation**

**Short-URL**
**www.blum.com/configurator**

### Order information

#### Locking bar set, can be flexibly cut to size

| 1 | Locking bar set | | |
|---|---|---|---|
| | **Cabinet height KH (mm)** | **Material** | **Part no.** |
| | Up to 600 | Steel | Z80S0560 |
| | Up to 800 | Steel | Z80S0760 |
| | Up to 1300 | Steel | Z80S1260 |

**Composed of:**
**1a** 1 x Locking bar, symmetrical
**1b** 1 x Spacer for cutting to size
**1c** 1 x End cap
**1d** 1 x Attachment for lock
– 1 x Drilling template for end cap
– 1 x Installation instructions
**Cutting for 1a** Internal cabinet height LH – 2 mm

| 2 | Locking units | | |
|---|---|---|---|
| | **Version** | **Material** | **Part no.** |
| | Right hand | Nylon | Z80.000V |
| | Left hand | Nylon | Z80.000V |

#### Ready-made locking bar sets

| – | Locking bar set M \| M \| M | | |
|---|---|---|---|
| | **Length (mm)** | **Material** | **Part no.** |
| | 542 | Steel | Z80S0542CA |

**Composed of:**
**1a** 1 x Locking bar, right
**1b** 3 x Pre-assembled spacer
**1d** 1 x Pre-assembled attachment for lock
**2** 3 x Pre-assembled locking unit, right
Suitable for three drawers – M
For use with LEGRABOX and TANDEMBOX in tier system 32, internal cabinet height LH of 544 mm

| – | Locking bar set C \| M | | |
|---|---|---|---|
| | **Length (mm)** | **Material** | **Part no.** |
| | 542 | Steel | Z80S0542BA |

**Composed of:**
**1a** 1 x Locking bar, right
**1b** 2 x Pre-assembled spacer
**1d** 1 x Pre-assembled attachment for lock
**2** 2 x Pre-assembled locking unit, right
Suitable for one drawer – M and one high fronted pull-out – C
For use with LEGRABOX and TANDEMBOX in tier system 32, internal cabinet height LH of 544 mm

| 3 | Front locking bracket set | | |
|---|---|---|---|
| | **Colour** | **Material** | **Part no.** |
| | SW-M | Nylon/zinc | Z80.000S |
| | WGR | Nylon/zinc | Z80.000S |
| | OG-M | Nylon/zinc | Z80.000S |
| | TS-M | Nylon/zinc | Z80.000S |

**Composed of:**
**3a** 1 x Front locking bracket
**3b** 1 x Front piece for front locking bracket
**3c** 1 x Cover cap for front locking bracket

### a Accessories

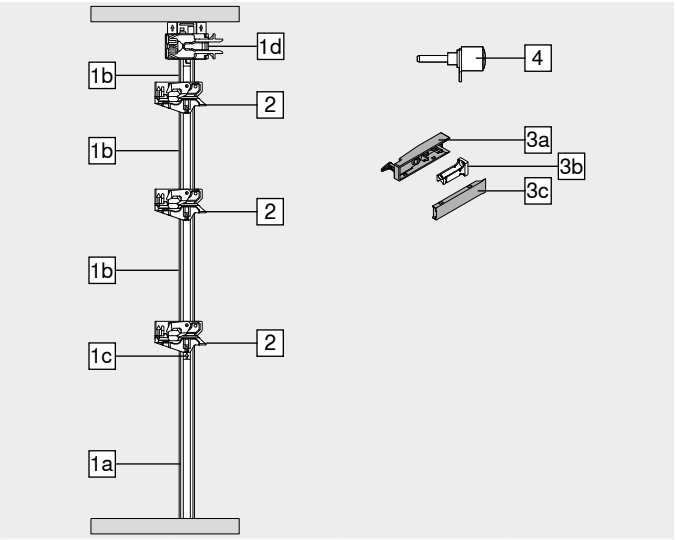
| – | Synchronisation set | | |
|---|---|---|---|
| | **Colour** | **Material** | **Part no.** |
| | S | Nylon | Z80V000A |

**Composed of:**
– 2 x Attachment for synchronisation
– 2 x Lever for synchronisation
Recommended for cabinet widths of > 600 mm in combination with closing function
When a synchronisation is used, two locking bar sets are necessary

| – | Synchronisation linkage | | |
|---|---|---|---|
| | **Length (mm)** | **Material** | **Part no.** |
| | 1163 | Aluminium | Z80V1163W |

For cutting to size
When a synchronisation is used, two locking bar sets are necessary
**Cutting** Internal cabinet width LW – 7 mm

| Colour | | Colour | |
|---|---|---|---|
| SW-M | Silk white matt | TS-M | Terra black matt |
| WGR | White grey | S | Black |
| OG-M | Orion grey matt | | |

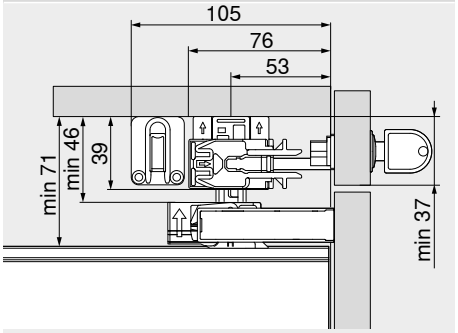



4 Cylinder not part of the scope of delivery

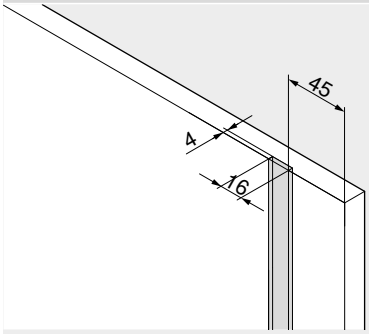
# CABLOXX

## Planning

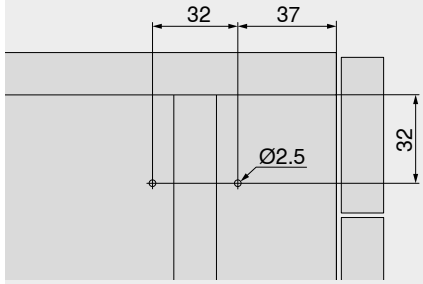
### Space requirement – locking bar and synchronisation



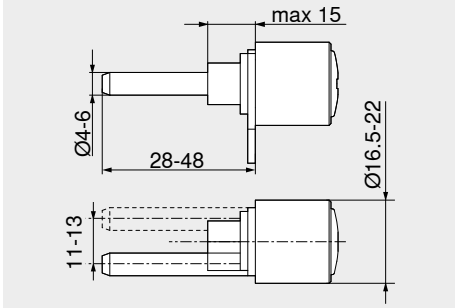

### Groove dimension – locking bar



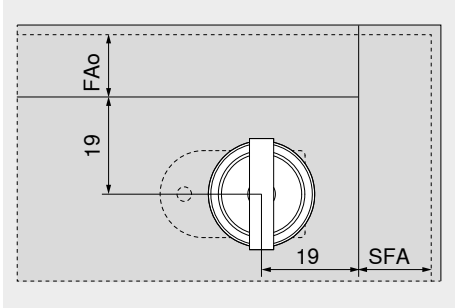

### Drilling distances – locking bar




### Specifications – cylinder

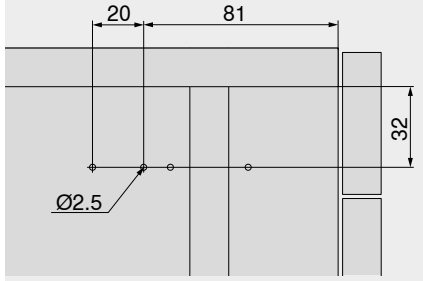



### Drilling distances – cylinder



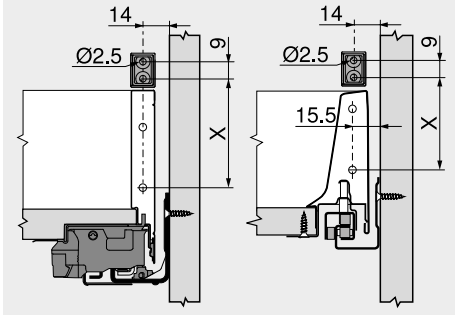

FAo Upper front overlay
SFA Front overlay of the side panel

### Drilling distances – attachment for synchronisation




### Drilling distances – front piece for front locking bracket

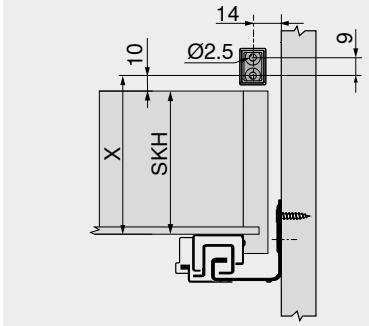
#### LEGRABOX | TANDEMBOX




| Box systems | X (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | Drawer | | | High fronted pull-out | | | |
| | N | M | K | B | C | D | F |
| LEGRABOX | 40 | 59 | 97 | – | 148[1] | – | 212[1] |
| TANDEMBOX intivo | 57 | 57 | 87 | 114 | 146 | 171 | – |
| TANDEMBOX antaro | 57 | 57 | 87 | 114 | 146 | 178 | – |

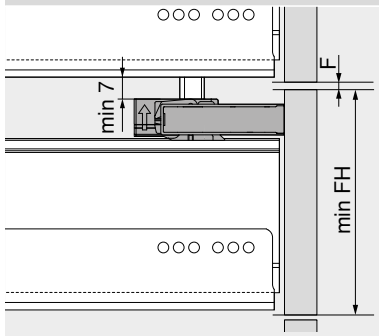
Front piece for front locking bracket to be pre-drilled Ø 2.5 mm
[1] +4 mm with LEGRABOX with AMBIA-LINE cross gallery

#### MOVENTO | TANDEM




X = SKH + 10 mm
SKH Drawer height

### Minimum front height FH




| Box systems | Minimum front height FH | | | | | | |
|---|---|---|---|---|---|---|---|
| | Drawer | | | High fronted pull-out | | | |
| | N | M | K | B | C | D | F |
| LEGRABOX | 107 | 132 | 170 | – | 221 | – | 285 |
| TANDEMBOX intivo | 111 | 126 | 156 | 183 | 215 | 240 | – |
| TANDEMBOX antaro | 111 | 126 | 156 | 183 | 215 | 247 | – |

Valid for BLUMOTION runners
F Gap 2 mm

## Page instructions


| | |
|---|---|
| Overview – further products | 585 |
| Overview – LEGRABOX | 219 |
| Overview – TANDEMBOX intivo | 271 |
| Overview – TANDEMBOX antaro | 297 |
| Overview – MOVENTO | 437 |
| Overview – TANDEM | 465 |
| Overview – assembly devices | 595 |
| More technical details | 686 |


**Assembly, removal and adjustment**

**Short-URL**
**www.blum.com/a710**

## Fixing system for thin fronts – EXPANDO T



- EXPANDO T – pre-assembled fixing system
- Thin fronts measuring 8 mm and higher
- Different front materials
- Three different applications – lift systems, hinge systems, box systems

### Order information

**Lift systems**

– Front fixing bracket



| Version | Material | Part no. |
|---|---|---|
| Symmetrical | Steel | 20S42T1 |

**Application**
AVENTOS HS | HL | HK
Fixing positions as per the instructions in the section on lift systems

**Hinge systems**

– EXPANDO T



| Hinge | Spring | Colour | Part no. |
|---|---|---|---|
| CLIP top BLUMOTION | ● | NI \| ONS | 71B453T |
| CLIP top | ● | NI | 71T453T |
| CLIP top | ○ | NI | 70T453T.TL |

The different overlay applications can be achieved with the appropriate fixing positions

● With spring
○ Unsprung

**Box systems – LEGRABOX**

– Front fixing bracket



| Height | Part no. |
|---|---|
| N | ZF7N70T2 |
| M | ZF7M70T2 |
| K | ZF7K70T2 |
| C | ZF7C70T2 |

Height F and the fixing positions as per the instructions in the section on box systems – LEGRABOX

– Front/base stabiliser for thin fronts



| Colour | Material | Part no. |
|---|---|---|
| R7037 | Nylon | Z96.00T1 |

– 1 x Starting with cabinet width KB 601 mm
– 2 x Starting with cabinet width KB 901 mm
– 1 x Front heights FH of 381 mm and higher

Fixing positions as per the instructions in the section on box systems – LEGRABOX

**Further products**

– EXPANDO T – single



| Colour | Material | Part no. |
|---|---|---|
| TGR | Nylon/steel | 70T4532T |

| Colour | | Colour | |
|---|---|---|---|
| NI | Nickel plated | TGR | Dark grey |
| ONS | Onyx black | R7037 | RAL 7037 dust grey |



# Fixing system for thin fronts – EXPANDO T

## Planning

### Area of application – EXPANDO T

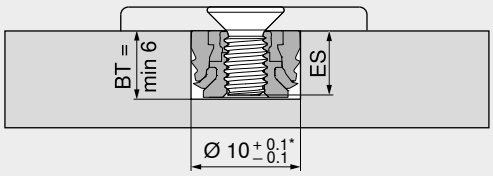
EXPANDO T is suitable for fixing Blum fittings to thin front materials in furniture manufacturing

With sufficient stability and strength, front materials of 8 mm thickness and above may be used

### Area of application and assembly recommendation

| Materials tested by Blum | Transverse tensile strength (N/mm²) | Min. tightening torque (Nm) |
|---|---|---|
| Chipboard | > 0.40 | 1.5 |
| MDF | > 0.60 | 1.5 |
| HDF | | 2 |
| HPL | | 2 |
| Mineral composites | | 2 |
| Nero Assoluto natural granite stone | | 3 |
| Quartz composite artificial stone | | 3 |
| Ceramic plates | | 3 |

### Drilling depth | screw selection – EXPANDO T




Screws with M4 thread have to be used for EXPANDO T single

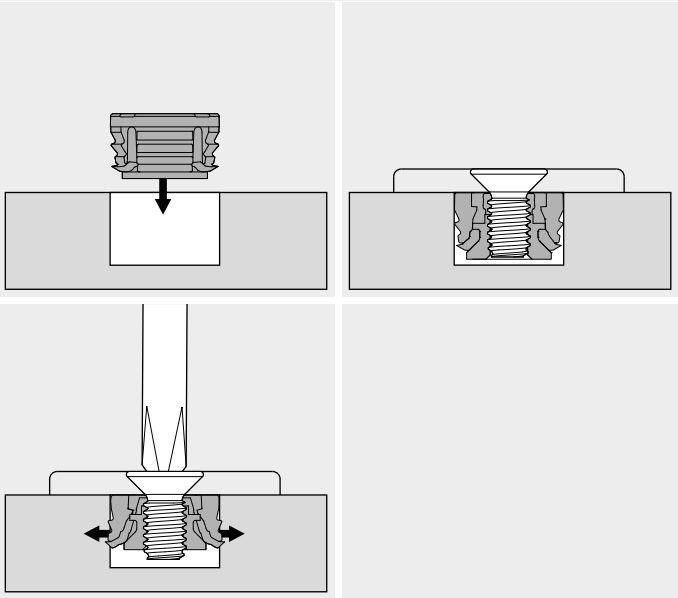
| | |
|---|---|
| BT | Drilling depth |
| ES | Screw penetration depth |

ES min. = 4 mm

ES max. = BT – 0.5 mm

* Stone and ceramic +0.2/–0.1 mm

### Assembly – EXPANDO T



### Limitation of liability

Blum accepts no liability for the use of EXPANDO T in combination with materials not listed or fittings from other manufacturers

It is recommended that the assembly be carried out by an experienced furniture manufacturer



### Page instructions

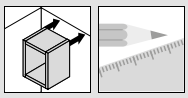

| | |
|---|---|
| Overview – further products | 585 |
| Overview – AVENTOS HS | 53 |
| Overview – AVENTOS HL | 59 |
| Overview – AVENTOS HK | 65 |
| Overview – CLIP top BLUMOTION \| CLIP top – hinges | 93 |
| Overview – LEGRABOX | 219 |
| Front/base stabiliser for thin fronts | 258 |


**More on our new EXPANDO T fixing system**

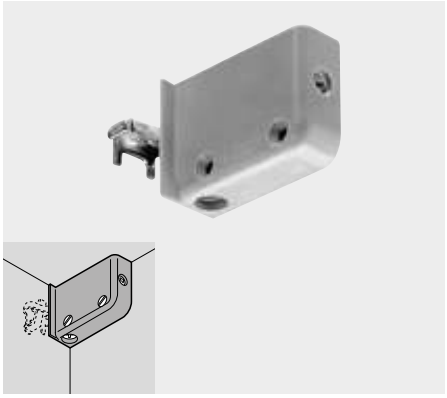
Short-URL
www.blum.com/EXPANDO_T_3

**Assembly, removal and adjustment**

Short-URL
www.blum.com/a720



## Screw-on wall hanging bracket



- Nylon housing with steel arm zinc plated
- Colour: white | brown | RAL 9001
- 3-dimensional adjustment
- Load bearing 130 kg per pair in accordance with DIN EN 15939 (test frame A)

**Order information**

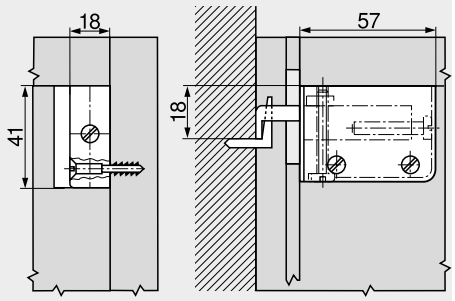
| Version | Part no. |
|---|---|
| Right hand | 48N0510.02 |
| Left hand | 48N0510.03 |

**Page instructions**

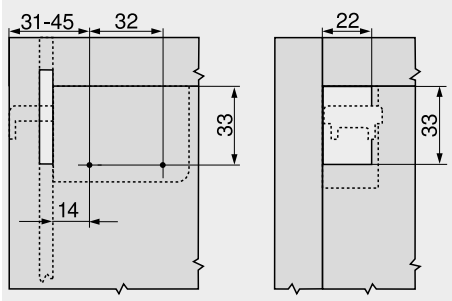
| | |
|---|---|
| Testing standards | 690 |

### Planning

**Space requirement**

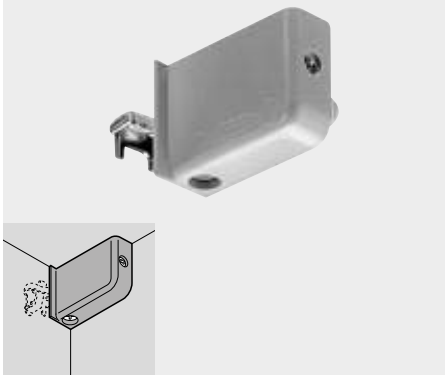



**Fixing position**




On cabinet side and dimensions of back cut-out

## Knock-in wall hanging bracket



- Nylon housing with steel arm zinc plated
- Colour: white | brown | RAL 9001
- 3-dimensional adjustment
- Load bearing 130 kg per pair in accordance with DIN EN 15939 (test frame A)

**Order information**

| Version | Part no. |
|---|---|
| Right hand | 48N0610.02 |
| Left hand | 48N0610.03 |

**a Accessories**

**Insertion ram**



| Assembly [1] | Part no. |
|---|---|
| Wall hanging bracket | MZM.0078 |

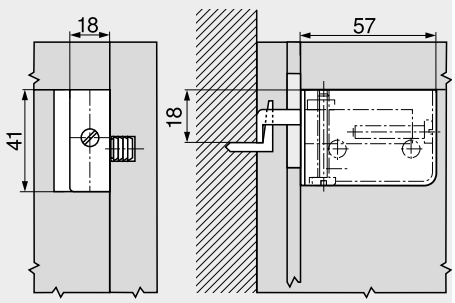
[1] PRO-CENTER | MINIPRESS

**Page instructions**

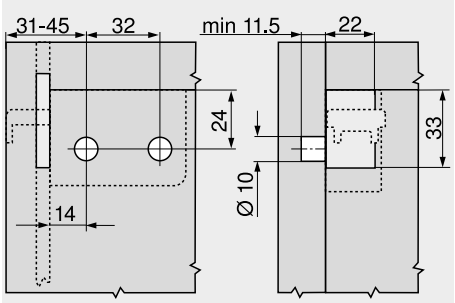
| | |
|---|---|
| Testing standards | 690 |

### Planning

**Space requirement**

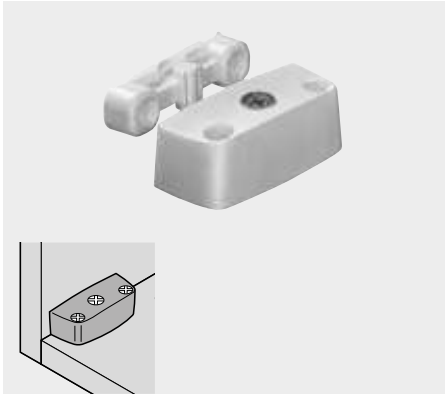



**Fixing position**




On cabinet side and dimensions of back cut-out

## Screw-on cabinet connector



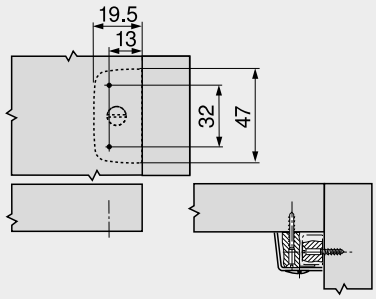
- Nylon housing with integral die-cast cam
- Nylon connector piece

**Order information**

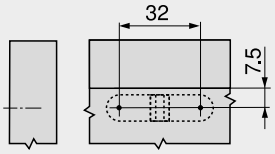
| Colour | Part no. |
|---|---|
| White \| brown | 40.2000 |

### Planning

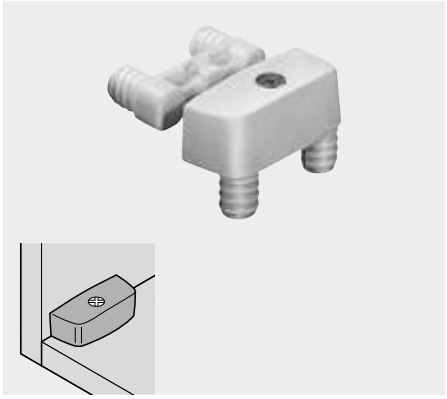
**Base**




**Cabinet side**




## Knock-in cabinet connector



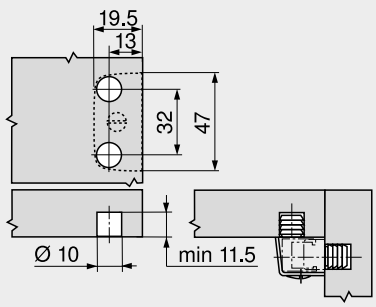
- Nylon housing with integral die-cast cam
- Nylon connector piece

**Order information**

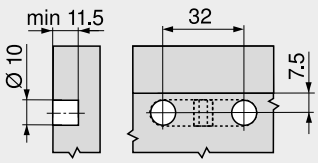
| Connector housing | |
|---|---|
| **Colour** | **Part no.** |
| White \| brown | 40.2110 |
| **Base connector** | |
| **Colour** | **Part no.** |
| Natural | 40.2120.02 |

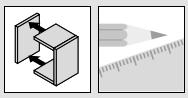
### Planning

**Base**

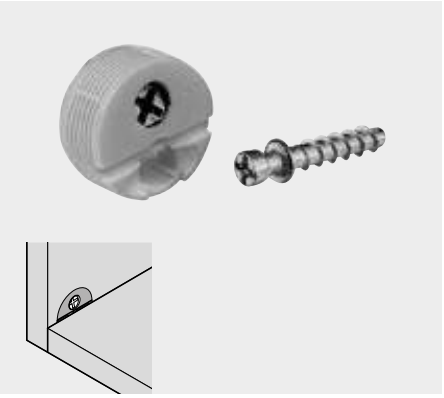



**Cabinet side**





## Connector screw cabinet connector



- Nylon housing with integral die-cast cam
- Zinc die-cast connector screw

### Order information

| Colour | Part no. |
|---|---|
| White \| brown | 42.0700.01 |

### a Accessories

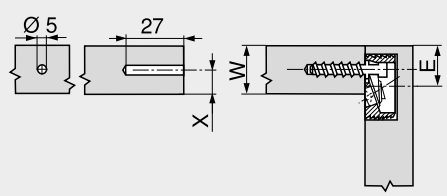
**Insertion ram**

| | Assembly [1] | Part no. |
|---|---|---|
|  | Connector housing | MZM.0077 |

[1] PRO-CENTER | MINIPRESS

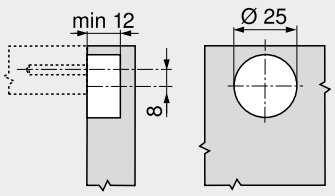
### Planning

**Base**

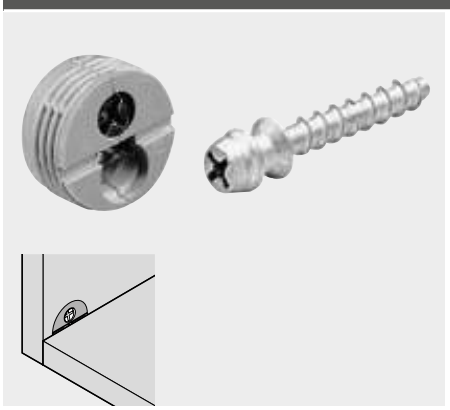



E = W – X + 8 mm
X max. = 9.5 mm

**Cabinet side**




## Connector screw cabinet connector



- Nylon housing with integral die-cast cam
- Zinc die-cast connector screw

### Order information

**Connector housing**

| Colour | Part no. |
|---|---|
| White \| brown | 40.0110N |

**Connector screw**

| Material | Part no. |
|---|---|
| Zinc | 40.0720 |

### a Accessories

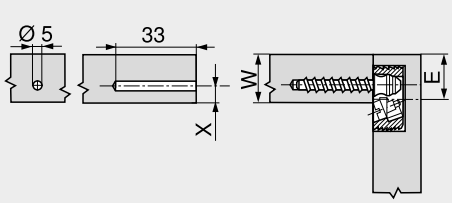
**Insertion ram**

| | Assembly [1] | Part no. |
|---|---|---|
|  | Connector housing | MZM.0070 |

[1] PRO-CENTER | MINIPRESS

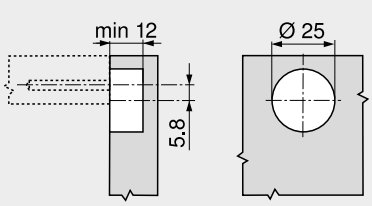
### Planning

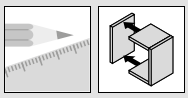
**Base**



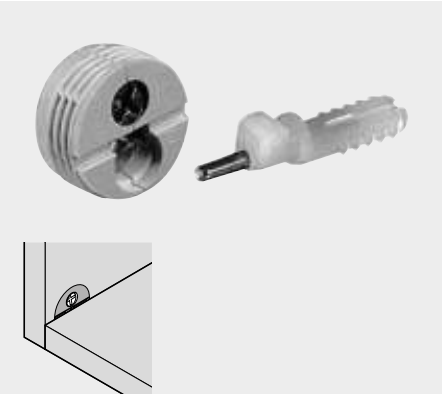

E = W – X + 5.8 mm
X max. = 8 mm

**Cabinet side**





## Cabinet connector with dowel and expansion pin



- Nylon housing with integral die-cast cam
- Nylon connector with steel expansion pin

### Order information

| Colour | Part no. |
|---|---|
| White \| brown | 40.0200N |

### a Accessories

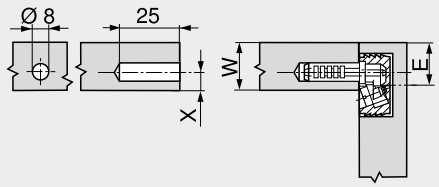
**Insertion ram**

| | Assembly [1] | Part no. |
|---|---|---|
|  | Connector housing | MZM.0070 |

[1] PRO-CENTER | MINIPRESS

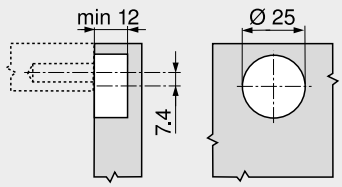
### Planning

**Base**

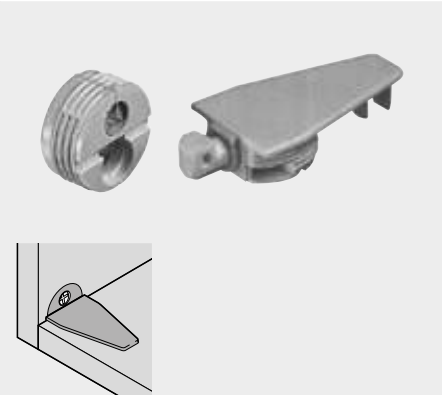



E = W – X + 7.4 mm
X max. = 9 mm

**Cabinet side**




## Cabinet connector with connecting piece system 32



- Nylon housing with integral die-cast cam
- Nylon connector piece

### Order information

**Connector housing**

| Colour | Part no. |
|---|---|
| White \| brown | 40.0110N |

**Base connector**

| Colour | Part no. |
|---|---|
| White \| brown | 40.0620 |

### a Accessories

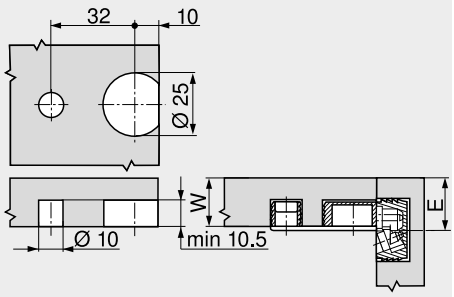
**Insertion ram**

| | Assembly [1] | Part no. |
|---|---|---|
|  | Connector housing | MZM.0070 |
| | Base connector | MZM.0071 |

[1] PRO-CENTER | MINIPRESS

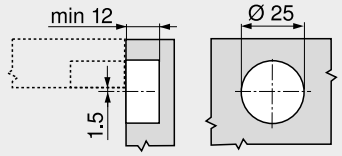
### Planning

**Base**




E = W + 1.5 mm

**Cabinet side**



# Assembly devices



At Blum, we want to make Blum product assembly as easy and efficient as possible because perfect motion requires precise assembly.

Each of our assembly devices provides optimal support when assembling our products: Because they are easy to operate, user-friendly and durable.

We place great value on safety – our assembly devices are tested and thus correspond to the highest safety requirements of European standards and guidelines.



**Drilling and insertion machines**
Our wide range of drilling and insertion machines are well equipped to deal with any assembly situation



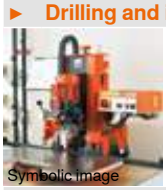
**Assembly devices**
Use our assembly devices to ensure the precise assembly of our products



**Templates**
Use our templates to ensure accurate assembly of our products

8

## ▶ Drilling and insertion machines


Symbolic image

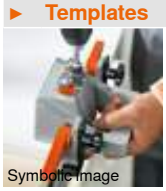

▶ Drilling and insertion machines 596
▶▶ Overview 597
▶▶ Overview – assembly possibilities 598


## ▶ Assembly devices


Symbolic image

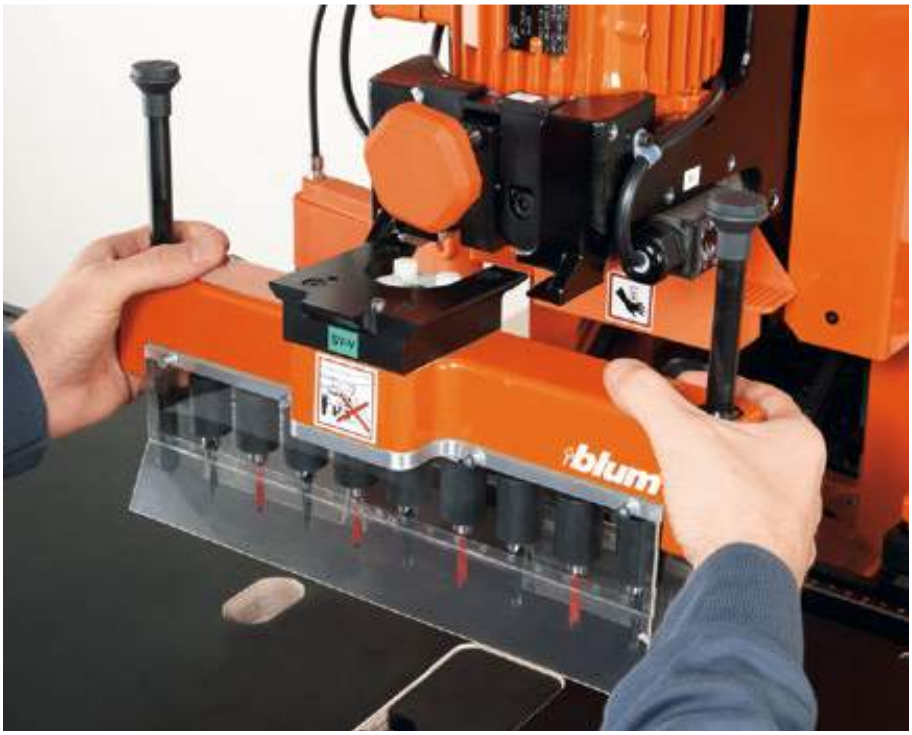

▶ Assembly devices 634
▶▶ Overview 635


## ▶ Templates


Symbolic image


▶ Templates 640
▶▶ Overview 641
▶▶ Overview – templates 642

## Efficient assembly of the highest quality



Blum drilling and insertion machines are designed for the assembly of Blum products. They enable precision drilling and insertion of fittings.

The wide range of drilling and insertion machines provides the right solution for any application. Quick setup and easy operation ensure efficient assembly of all Blum fittings.

## Drilling and insertion machines



**PRO-CENTER**
- Horizontal | vertical drilling and insertion (optional)
- Tool-free drilling head | ruler change



**MINIPRESS PRO**
- Vertical drilling and insertion (optional)
- Tool-free drilling head | ruler change



**MINIPRESS P**
- Vertical drilling and knock-in
- Additional drilling heads can be changed tool-free



**MINIPRESS M**
- Can be used at construction sites (mobile)
- Vertical drilling and knock-in



Hinge drilling



Insertion (optional)

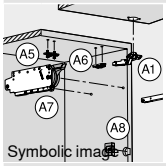


Dowel drilling (only possible with PRO-CENTER)



System drilling

## ►► Overview – assembly possibilities



Symbolic image

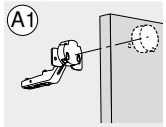
►► Overview – assembly possibilities 598

## ►► Basic machine


Symbolic image

PRO-CENTER 602
MINIPRESS PRO 606
MINIPRESS P 618
MINIPRESS M 622

## ►► Assembly possibilities



Symbolic image

PRO-CENTER | MINIPRESS PRO 610
MINIPRESS P | MINIPRESS M 626

## ►► Accessories

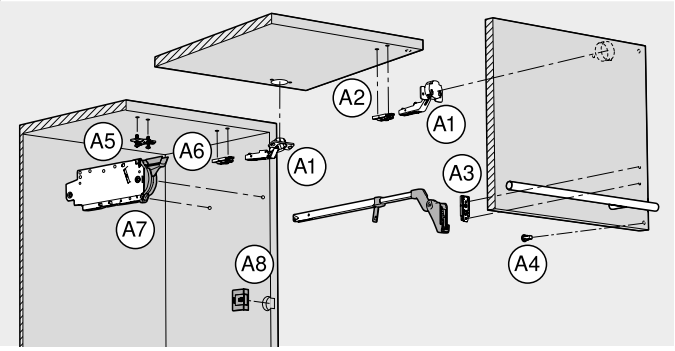

Symbolic image

Insertion rams 632
Drill 632

## Pictograph

| | |
|---|---|
| Item Available Upon Request | MINIPRESS M |
| Accessories | Drilling and insertion machines – horizontal drillings |
| General Information | Drilling and insertion machines – vertical drillings |
| PRO-CENTER | Drilling and insertion machines – inserting fittings |
| MINIPRESS PRO | |
| MINIPRESS P | |

## Assembly possibilities



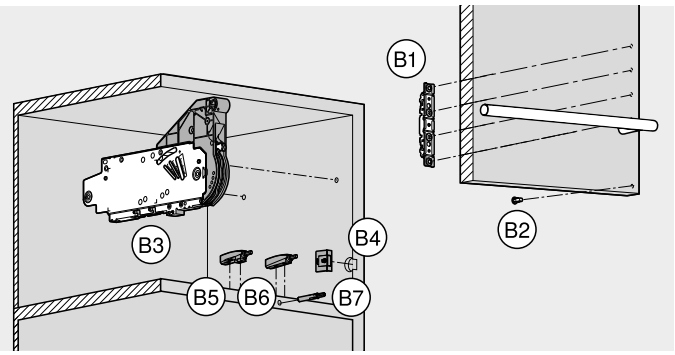

**Assembly – lift systems (AVENTOS HF | HK-XS)**

**Front assembly**

- A1 Hinge
- A2 Horizontal mounting plate
- A3 Horizontal mounting plate | telescopic arm | front fixing bracket
- A4 Blum distance bumper

**Cabinet assembly**

- A5 Cruciform mounting plate
- A6 Horizontal mounting plate
- A7 Lift mechanism – cabinet fixing bracket
- A8 SERVO-DRIVE switch



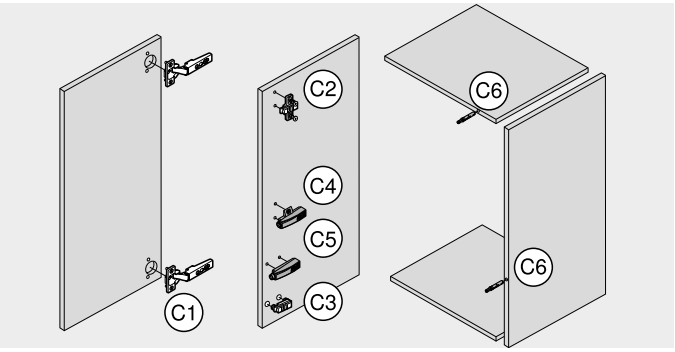

**Assembly – lift systems (AVENTOS HS | HL | HK | HK-S)**

**Front assembly**

- B1 Front fixing bracket
- B2 Blum distance bumper

**Cabinet assembly**

- B3 Lift mechanism
- B4 SERVO-DRIVE switch
- B5 TIP-ON – cruciform adapter plate
- B6 TIP-ON – inline adapter plate
- B7 TIP-ON – for drilling



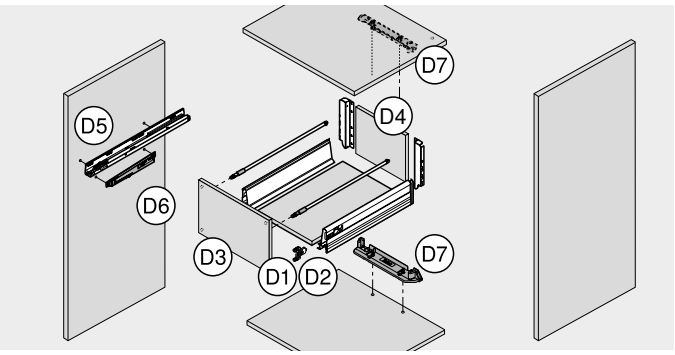

**Assembly – hinge systems**

**Front assembly**

- C1 Hinge

**Cabinet assembly**

- C2 Cruciform mounting plate
- C3 Horizontal mounting plate
- C4 BLUMOTION | TIP-ON – cruciform adapter plate
- C5 BLUMOTION | TIP-ON – horizontal adapter plate
- C6 BLUMOTION | TIP-ON – for drilling




**Assembly – pull-out system**

**Front assembly**

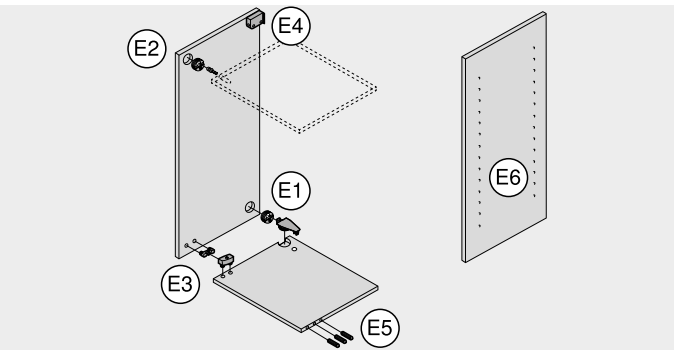
- D1 LEGRABOX | TANDEMBOX | METABOX front fixing
- D2 MOVENTO- | TANDEM front adjuster
- D3 Blum distance bumper

**Drawer assembly**

- D4 Base | back

**Cabinet assembly**

- D5 Cabinet profiles
- D6 BLUMOTION for METABOX
- D7 SERVO-DRIVE bracket profile attachment




**Assembly – further products**

**Cabinet assembly**

- E1 Vertical cabinet connectors
- E2 Cabinet connector (front side)
- E3 Vertical cabinet connectors
- E4 Wall hanging bracket

**Cabinet assembly**

- E5 Horizontal wooden dowel drilling
- E6 Line drilling

| Assembly type | PRO-CENTER | | | MINIPRESS PRO | | | MINIPRESS P | | | MINIPRESS M | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Basic machine** | | | 602 | | | 606 | | | 618 | | | 622 |
| **Accessories** | | | 603 | | | 607 | | | 619 | | | 623 |
| **Assembly – lift systems (AVENTOS HF \| HK-XS)** | | | | | | | | | | | | |
| **Front assembly** | | | | | | | | | | | | |
| A1 Hinge | | | | | | | | | | | | |
| AVENTOS HF \| HK-XS | ● | | 610 | ● | | 610 | ● | | 626 | ● | | 626 |
| A2 Horizontal mounting plate | | | | | | | | | | | | |
| AVENTOS HF \| HK-XS | ● | | 610 | ● | | 610 | ● | | 626 | ● | | 626 |
| A3 Horizontal mounting plate \| telescopic arm \| front fixing bracket | | | | | | | | | | | | |
| AVENTOS HF \| HK-XS | ● | | 610 | ● | | 610 | ○ | | 626 | ○ | | 626 |
| A4 Blum distance bumper | | | | | | | | | | | | |
| AVENTOS HF | ● | | 610 | ● | | 610 | ● | | 626 | ● | | 626 |
| **Cabinet assembly** | | | | | | | | | | | | |
| A5 Cruciform mounting plate | | | | | | | | | | | | |
| AVENTOS HF \| HK-XS | ● | | 610 | ● | | 610 | ● | | 626 | ● | | 626 |
| A6 Horizontal mounting plate | | | | | | | | | | | | |
| AVENTOS HF \| HK-XS | ● | | 611 | ● | | 611 | ● | | 626 | ● | | 626 |
| A7 Lift mechanism – cabinet fixing bracket | | | | | | | | | | | | |
| AVENTOS HF \| HK-XS | ● | | 611 | ● | | 611 | ○ | | 627 | ○ | | 627 |
| A8 SERVO-DRIVE switch | | | | | | | | | | | | |
| AVENTOS HF | ● | | 611 | ● | | 611 | ● | | 627 | ● | | 627 |
| **Assembly – lift systems (AVENTOS HS \| HL \| HK \| HK-S)** | | | | | | | | | | | | |
| **Front assembly** | | | | | | | | | | | | |
| B1 Front fixing bracket | | | | | | | | | | | | |
| AVENTOS HS \| HL \| HK | ○ | | 611 | ○ | | 611 | ○ | | 627 | ○ | | 627 |
| B1 Front fixing bracket | | | | | | | | | | | | |
| AVENTOS HK-S | ● | | 611 | ● | | 611 | ○ | | 627 | ○ | | 627 |
| B2 Blum distance bumper | | | | | | | | | | | | |
| AVENTOS HS \| HL \| HK | ● | | 611 | ● | | 611 | ● | | 627 | ● | | 627 |
| **Cabinet assembly** | | | | | | | | | | | | |
| B3 Lift mechanism | | | | | | | | | | | | |
| AVENTOS HS \| HL \| HK \| HK-S | ● | | 612 | ● | | 612 | ○ | | 627 | ○ | | 627 |
| B4 SERVO-DRIVE switch | | | | | | | | | | | | |
| AVENTOS HS \| HL \| HK | ● | | 612 | ● | | 612 | ● | | 627 | ● | | 627 |
| B5 TIP-ON – cruciform adapter plate | | | | | | | | | | | | |
| AVENTOS HK \| HK-S | ● | | 612 | ● | | 612 | ● | | 628 | ● | | 628 |
| B6 TIP-ON – inline adapter plate | | | | | | | | | | | | |
| AVENTOS HK \| HK-S | ● | | 612 | ● | | 612 | ● | | 628 | ● | | 628 |
| B7 TIP-ON – for drilling | | | | | | | | | | | | |
| AVENTOS HK \| HK-S | ● | | 612 | – | | | – | | | – | | |

● Recommended ○ Possible – Not possible

► Drilling and insertion machines
►► Overview – assembly possibilities

| Assembly type | PRO-CENTER | | | MINIPRESS PRO | | | MINIPRESS P | | | MINIPRESS M | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Basic machine | | | 602 | | | 606 | | | 618 | | | 622 |
| Accessories | | | 603 | | | 607 | | | 619 | | | 623 |
| **Assembly – hinge systems** | | | | | | | | | | | | |
| **Front assembly** | | | | | | | | | | | | |
| C1 Hinge | ● | | 612 | ● | | 612 | ● | | 628 | ● | | 628 |
| **Cabinet assembly** | | | | | | | | | | | | |
| C2 Cruciform mounting plate | ● | | 612 | ● | | 612 | ● | | 628 | ● | | 628 |
| C3 Horizontal mounting plate | ● | | 613 | ● | | 613 | ● | | 628 | ● | | 628 |
| C4 BLUMOTION \| TIP-ON<br>Cruciform adapter plate | ● | | 613 | ● | | 613 | ● | | 628 | ● | | 628 |
| C5 BLUMOTION \| TIP-ON<br>Inline adapter plate | ● | | 613 | ● | | 613 | ● | | 629 | ● | | 629 |
| C6 BLUMOTION \| TIP-ON<br>For drilling | ● | | 613 | – | | | – | | | – | | |
| **Assembly – pull-out system** | | | | | | | | | | | | |
| **Front assembly** | | | | | | | | | | | | |
| D1 LEGRABOX \| TANDEMBOX intivo front fixing | ● | | 613 | ● | | 613 | ○ | | 629 | ○ | | 629 |
| D1 TANDEMBOX antaro \| TANDEMBOX plus front fixing | ● | | 614 | ● | | 614 | ○ | | 629 | ○ | | 629 |
| D1 METABOX front fixing | ● | | 614 | ● | | 614 | ○ | | 629 | ○ | | 629 |
| D2 MOVENTO- \| TANDEM front adjuster<br>295.1000 | ● | | 614 | ● | | 614 | ● | | 630 | ● | | 630 |
| D3 Blum distance bumper | ● | | 614 | ● | | 614 | ● | | 630 | ● | | 630 |
| **Drawer assembly** | | | | | | | | | | | | |
| D4 Base \| back | ● | | 614 | ● | | 614 | ○ | | 630 | ○ | | 630 |
| **Cabinet assembly** | | | | | | | | | | | | |
| D5 Cabinet profiles | ● | | 614 | ● | | 614 | ○ | | 630 | ○ | | 630 |
| D6 BLUMOTION for METABOX | ● | | 615 | ● | | 615 | ○ | | 630 | ○ | | 630 |
| D7 SERVO-DRIVE bracket profile attachment | ● | | 615 | ● | | 615 | ○ | | 630 | ○ | | 630 |

● Recommended ○ Possible – Not possible

| Assembly type | | PRO-CENTER | | MINIPRESS PRO | | MINIPRESS P | | MINIPRESS M | |
|---|---|---|---|---|---|---|---|---|---|
| Basic machine | | | 602 | | 606 | | 618 | | 622 |
| Accessories | | | 603 | | 607 | | 619 | | 623 |
| **Assembly – further products** | | | | | | | | | |
| **Cabinet assembly** | | | | | | | | | |
| E1 | Vertical cabinet connectors | ● | | ● | | ● | | ● | |
| | 40.0110 \| 40.0620 | | 615 | | 615 | | 630 | | 630 |
| E2 | Cabinet connector (front side) | ● | | – | | – | | – | |
| | 42.0700.01 \| 40.0200 | | 615 | | | | | | |
| E3 | Vertical cabinet connectors | ● | | ● | | ● | | ● | |
| | 40.2110 \| 40.2120.02 | | 615 | | 615 | | 631 | | 631 |
| E4 | Wall hanging bracket | ● | | ● | | ● | | ● | |
| | 48N0610.02 \| 48N0610.03 | | 616 | | 616 | | 631 | | 631 |
| **Cabinet assembly** | | | | | | | | | |
| E5 | Wooden dowel drilling | ● | | – | | – | | – | |
| | | | 616 | | | | | | |
| E6 | Line drilling | ● | | ● | | ○ | | ○ | |
| | | | 616 | | 616 | | 631 | | 631 |

● Recommended ○ Possible – Not possible



## PRO-CENTER


Symbolic image

**Multi purpose**

PRO-CENTER is the most capable among our drilling and insertion machines. PRO-CENTER can be used for all vertical and horizontal drillings. You also have the option of using fittings vertically. An extensive modular system (set-up plans, drilling heads and rulers) ensures that the proven PRO-CENTER will meet individual assembly needs.

- Vertical drilling and insertion (optional)
- Horizontal drilling
- Quick change of drilling heads already equipped with drill bits
- Fast changeover of dedicated rulers with pre-set stops
- Drilling depth and drilling distance settings through revolving stops

### Case studies


Each work step is illustrated systematically and colour coded in the set-up plan. Set-up plan templates can be downloaded from blum.com


The colour coded system simplifies PRO-CENTER set-up

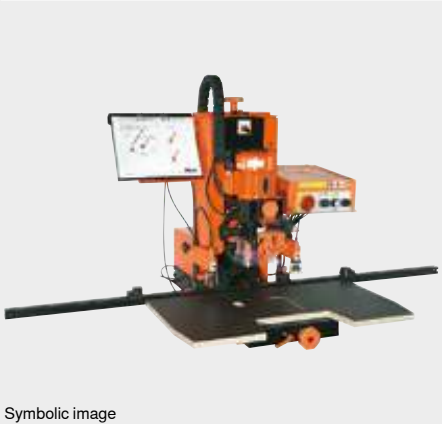

The pre-equipped drilling head (colour coded) is inserted and secured using a locking device without the need for tools


The proper drilling distance for the drilling positions of the hinges, mounting plates, line drilling and wooden dowels are pre-set. Other dimensions, which are required on a regular basis, can also be pre-set


The dedicated ruler with pre-set colour-coded stops can be fitted in a matter of seconds without the need for tools


Drilling depth can be pre-set on fixed positions using the colour coded revolving handle (revolving stop)

# PRO-CENTER



Symbolic image

- Including horizontal drilling head (3-spindle)
- Supplied with ruler system, work table and toolkit
- Different voltage can be supplied upon request
- Rulers, drilling heads and other accessories are not included as part of the basic machine

**Application video**

Short-URL
www.blum.com/2Cf1s7

## Order information

| F1 | PRO-CENTER | | |
|---|---|---|---|
| | **Voltage (V)** | **Frequency (Hz)** | **Part no.** |
| | 3 x 400 | 50 \| 60 | **M65.2000** |

**Composed of:**

| | |
|---|---|
| **F** | 1 x PRO-CENTER |
| – | 1 x Tool set |
| – | 1 x Work table |
| – | 1 x Hold down clamp (pneumatic) left/right |
| – | 1 x Set-up plan rack |
| – | 1 x Horizontal drilling head, 3 spindles |

## a Accessories

### Drilling heads without swing arm

| | | Number of spindles (pcs) | Spindle distance (mm) | Quick connect chuck [1] | Swing arm [2] | Part no. | Application | Drilling | Insertion (optional) |
|---|---|---|---|---|---|---|---|---|---|
| **G1** |  | 3 | 9.5/45 | □ | I18 | **MZK.2000.01** | Hinge | ● | ● |
| **G2** |  | 2 | 32 | ■ | I18 | **MZK.210S** | Horizontal mounting plate<br>Front fixing<br>Cabinet connectors<br>Wall hanging bracket | ●<br>●<br>●<br>● | ●<br>●<br>●<br>● |
| **G3** |  | 2 | 32 | ■ | I18 | **MZK.211S** | Cruciform mounting plate | ● | ● |
| **G4** |  | 8 | 32 | ■ | I19 | **MZK.220S** | Front fixing bracket<br>Cabinet profile<br>Lift mechanism | ●<br>●<br>● | ● |
| **G6** |  | 3 | 32 | ■ | – | **MZK.240S** | Wooden dowel | ● | |
| **G7** |  | 9 | 32 | ■ | – | **MZK.281S** | Line drilling | ● | |
| **G8** |  | 17 | 32 | ■ | – | **MZK.288S** | Lift mechanism<br>Cabinet profile<br>Front fixing bracket<br>Line drilling | ●<br>●<br>●<br>● | |

□ Without quick connect chuck ■ With quick connect chuck ● Possible

[1] For drilling heads with quick connect chucks, drill bits larger than Ø 10 mm must not be used

[2] Order swing arm for inserting fittings separately

## Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | Accessories – drill bit | 632 |
| Overview – assembly possibilities | 598 | | |
| Assembly possibilities | 610 | | |
| Accessories – insertion rams | 632 | | |



## PRO-CENTER

### Order information

### a Accessories

#### Rulers

| | | Description | Length (mm) | Calibration (mm) | Part no. | Application |
|---|---|---|---|---|---|---|
| H1 |  | Basic ruler | 1700 | 850–0–850 | MZL.2000 | For all vertical assembly options |
| H2 |  | Horizontal ruler | 1700 | 850–0–850 | MZL.2060 | For all horizontal assembly options |
| H3 |  | Line drilling ruler left/right | 953 | 0–832 | MZL.2080 | For more straightforward line drilling |
| H4 |  | Base ruler | 1250 | 0–850 | MZL.2010 | For more precise drilling on cover |
| H5 |  | Extension ruler left/right | 1700 | 850–2550 | MZL.2090 | Extension for basic or horizontal ruler |
| H6 |  | Extension ruler left | 1700 | 850–2550 | MZL.2090.03 | Extension for basic or horizontal ruler |

| | | Description | Part no. | Application |
|---|---|---|---|---|
| H9 |  | Support for extension ruler | MZV.2100 | Extension ruler support |
| H10 |  | Swivel stop | MZS.1000 | |
| H11 |  | Narrow swivel stop for positioning between others, left hand | MZS.2000 | |
| H12 |  | Narrow swivel stop for positioning between others, right | MZS.2000 | |
| H13 |  | Centre marking stop | MZR.1200 | |

#### General

| | | Description | Part no. |
|---|---|---|---|
| I2 |  | Quick connect chuck and sleeve, left hand | MZF.2000 |
| I3 |  | Quick connect chuck and sleeve, right hand | MZF.2000 |
| I4 |  | Quick connect sleeve | MZF.1030 |
| I5 |  | Quick connect chuck cover | MZF.1050 |
| I13 |  | PRO-CENTER \| MINIPRESS PRO drilling head and ruler storage rack | MZA.2600 |
| I14 |  | Tool holder | M51.0802 |
| I16 |  | Chuck for drilling diameter larger than 10 mm, left | MZK.2123 |
| I17 |  | Chuck for drilling diameter larger than 10 mm, right | MZK.2124 |
| I18 |  | Swing arm small | MZK.2008.02 |
| I19 |  | Swing arm, large | MZK.2233.02 |

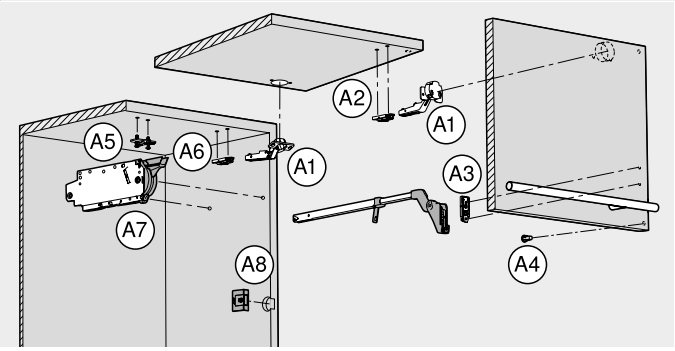
### Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | Accessories – drill bit | 632 |
| Overview – assembly possibilities | 598 | | |
| Assembly possibilities | 610 | | |
| Accessories – insertion rams | 632 | | |

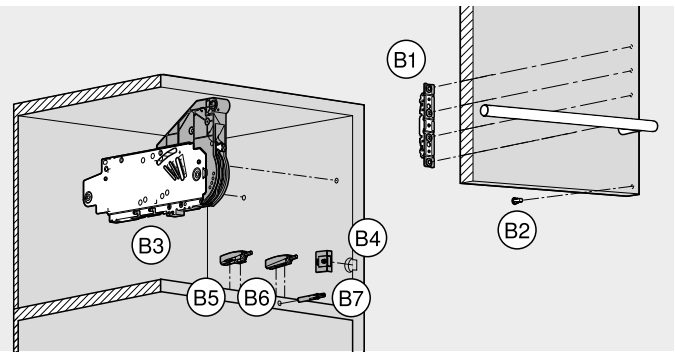


## PRO-CENTER

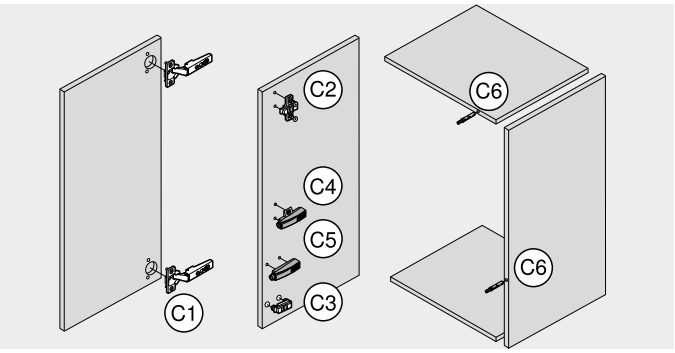
### Assembly possibilities



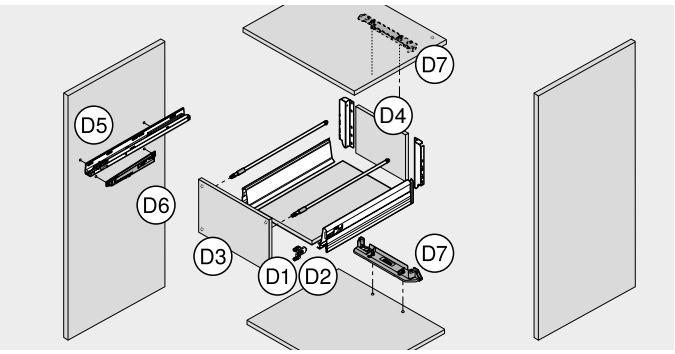

| Assembly – lift systems (AVENTOS HF \| HK-XS) | |
|---|---|
| **Front assembly** | |
| A1 Hinge | ● |
| A2 Horizontal mounting plate | ● |
| A3 Horizontal mounting plate \| telescopic arm \| front fixing bracket | ● |
| A4 Blum distance bumper | ● |
| **Cabinet assembly** | |
| A5 Cruciform mounting plate | ● |
| A6 Horizontal mounting plate | ● |
| A7 Lift mechanism – cabinet fixing bracket | ● |
| A8 SERVO-DRIVE switch | ● |



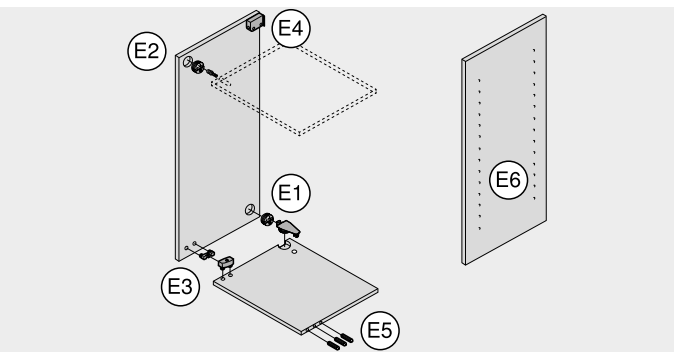

| Assembly – lift systems (AVENTOS HS \| HL \| HK \| HK-S) | |
|---|---|
| **Front assembly** | |
| B1 Front fixing bracket | ● |
| B2 Blum distance bumper | ● |
| **Cabinet assembly** | |
| B3 Lift mechanism | ● |
| B4 SERVO-DRIVE switch | ● |
| B5 TIP-ON – cruciform adapter plate | ● |
| B6 TIP-ON – inline adapter plate | ● |
| B7 TIP-ON – for drilling | ● |




| Assembly – hinge systems | |
|---|---|
| **Front assembly** | |
| C1 Hinge | ● |
| **Cabinet assembly** | |
| C2 Cruciform mounting plate | ● |
| C3 Horizontal mounting plate | ● |
| C4 BLUMOTION \| TIP-ON – cruciform adapter plate | ● |
| C5 BLUMOTION \| TIP-ON – horizontal adapter plate | ● |
| C6 BLUMOTION \| TIP-ON – for drilling | ● |




| Assembly – pull-out system | |
|---|---|
| **Front assembly** | |
| D1 LEGRABOX \| TANDEMBOX \| METABOX front fixing | ● |
| D2 MOVENTO- \| TANDEM front adjuster | ● |
| D3 Blum distance bumper | ● |
| **Drawer assembly** | |
| D4 Base \| back | ● |
| **Cabinet assembly** | |
| D5 Cabinet profiles | ● |
| D6 BLUMOTION for METABOX | ● |
| D7 SERVO-DRIVE bracket profile attachment | ● |




| Assembly – further products | |
|---|---|
| **Cabinet assembly** | |
| E1 Vertical cabinet connectors | ● |
| E2 Cabinet connector (front side) | ● |
| E3 Vertical cabinet connectors | ● |
| E4 Wall hanging bracket | ● |
| **Cabinet assembly** | |
| E5 Horizontal wooden dowel drilling | ● |
| E6 Line drilling | ● |

● Recommended
○ Possible
– Not possible



## MINIPRESS PRO



Symbolic image

**Versatile**

Take advantage of the MINIPRESS PRO's versatility for easy vertical cabinet, door and front assembly. Vertical drillings and fittings insertion can be carried out with absolute precision and efficiency.

- Vertical drilling and insertion (optional)
- Quick change of drilling heads already equipped with drill bits
- Fast changeover of dedicated rulers with pre-set stops
- Drilling depth and drilling distance settings through revolving stops

### Case studies


Each work step is illustrated systematically and colour coded in the set-up plan. Set-up plan templates can be downloaded from blum.com


The colour coded system simplifies the set-up of MINIPRESS PRO


The pre-equipped drilling head (colour coded) is inserted and secured using a locking device without the need for tools


The drilling distance is set using the calibrated spindle


The dedicated ruler with pre-set colour-coded stops can be fitted in a matter of seconds without the need for tools


Drilling depth can be pre-set on fixed positions using the colour coded revolving handle (revolving stop)

# MINIPRESS PRO



Symbolic image

- Supplied with ruler system, work table and toolkit
- Different voltage can be supplied upon request
- Rulers, drilling heads and other accessories are not included as part of the basic machine

**Application video**

Short-URL
www.blum.com/1TPGsm

## Order information

| F1 | MINIPRESS PRO | | |
|---|---|---|---|
| | Voltage (V) | Frequency (Hz) | Part no. |
| | 3 x 400 | 50 \| 60 | M54.2000 |

**Composed of:**

| | |
|---|---|
| F | 1 x MINIPRESS PRO |
| – | 1 x Tool set |
| – | 1 x Work table |
| – | 1 x Hold down clamp (pneumatic) left/right |
| – | 1 x Set-up plan rack |
| – | 1 x Position indicator |

| F2 | MINIPRESS PRO | | |
|---|---|---|---|
| | Voltage (V) | Frequency (Hz) | Part no. |
| | 3 x 400 | 50 \| 60 | ☎ M54.2000 |

**Composed of:**

| | |
|---|---|
| F | 1 x MINIPRESS PRO |
| – | 1 x Tool set |
| – | 1 x Work table |
| – | 1 x Hold down clamp (pneumatic) left/right |
| – | 1 x Set-up plan rack |
| – | 1 x Position indicator |
| H14 | 1 x Centre marking stop laser |

## a Accessories

### Drilling heads without swing arm

| | | Number of spindles (pcs) | Spindle distance (mm) | Quick connect chuck [1] | Swing arm [2] | Part no. | Application | Drilling | Insertion (optional) |
|---|---|---|---|---|---|---|---|---|---|
| G1 |  | 3 | 9.5/45 | □ | I18 | MZK.2000.01 | Hinge | ● | ● |
| G2 |  | 2 | 32 | ■ | I18 | MZK.210S | Horizontal mounting plate<br>Front fixing<br>Cabinet connectors<br>Wall hanging bracket | ●<br>●<br>●<br>● | ●<br>●<br>●<br>● |
| G3 |  | 2 | 32 | ■ | I18 | MZK.211S | Cruciform mounting plate | ● | ● |
| G4 |  | 8 | 32 | ■ | I19 | MZK.220S | Front fixing bracket<br>Cabinet profile<br>Lift mechanism | ●<br>●<br>● | ● |
| G7 |  | 9 | 32 | ■ | – | MZK.281S | Line drilling | ● | |

□ Without quick connect chuck ■ With quick connect chuck ● Possible

[1] For drilling heads with quick connect chucks, drill bits larger than Ø 10 mm must not be used

[2] Order swing arm for inserting fittings separately

## Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | Accessories – drill bit | 632 |
| Overview – assembly possibilities | 598 | | |
| Assembly possibilities | 610 | | |
| Accessories – insertion rams | 632 | | |



## MINIPRESS PRO

### Order information

### a Accessories

#### Rulers

| | | Description | Length (mm) | Calibration (mm) | Part no. | Application |
|---|---|---|---|---|---|---|
| H1 |  | Basic ruler | 1700 | 850–0–850 | MZL.2000 | For all vertical assembly options |
| H3 |  | Line drilling ruler left/right | 953 | 0–832 | MZL.2080 | For more straightforward line drilling |
| H4 |  | Base ruler | 1250 | 0–850 | MZL.2010 | For more precise drilling on cover |
| H5 |  | Extension ruler left/right | 1700 | 850–2550 | MZL.2090 | Extension for basic or horizontal ruler |
| H6 |  | Extension ruler left | 1700 | 850–2550 | MZL.2090.03 | Extension for basic or horizontal ruler |

| | | Description | Part no. | Application |
|---|---|---|---|---|
| H9 |  | Support for extension ruler | MZV.2100 | Extension ruler support |
| H10 |  | Swivel stop | MZS.1000 | |
| H11 |  | Narrow swivel stop for positioning between others, left hand | MZS.2000 | |
| H12 |  | Narrow swivel stop for positioning between others, right | MZS.2000 | |
| H13 |  | Centre marking stop | MZR.1200 | |
| H14 |  | Centre marking stop laser | MZR.5400 | |

#### General

| | | Description | Part no. |
|---|---|---|---|
| I2 |  | Quick connect chuck and sleeve, left hand | MZF.2000 |
| I3 |  | Quick connect chuck and sleeve, right hand | MZF.2000 |
| I4 |  | Quick connect sleeve | MZF.1030 |
| I5 |  | Quick connect chuck cover | MZF.1050 |
| I13 |  | PRO-CENTER \| MINIPRESS PRO drilling head and ruler storage rack | MZA.2600 |
| I14 |  | Tool holder | M51.0802 |
| I16 |  | Chuck for drilling diameter larger than 10 mm, left | MZK.2123 |
| I17 |  | Chuck for drilling diameter larger than 10 mm, right | MZK.2124 |
| I18 |  | Swing arm small | MZK.2008.02 |
| I19 |  | Swing arm, large | MZK.2233.02 |

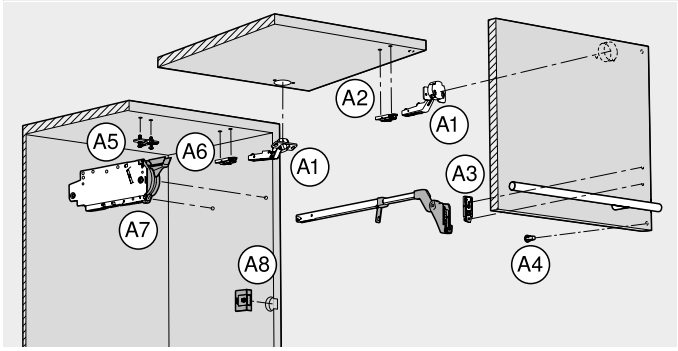
### Page instructions


| | | | |
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| Assembly possibilities | 610 | | |
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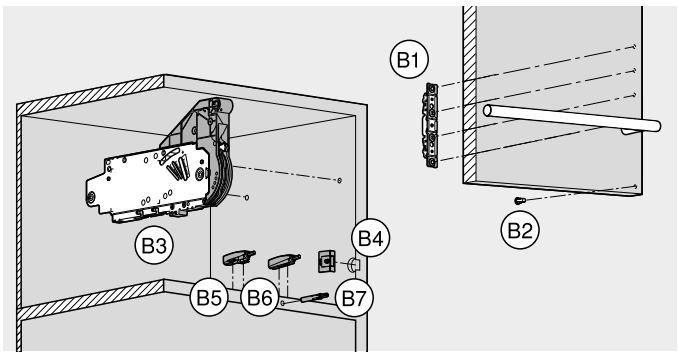


## MINIPRESS PRO

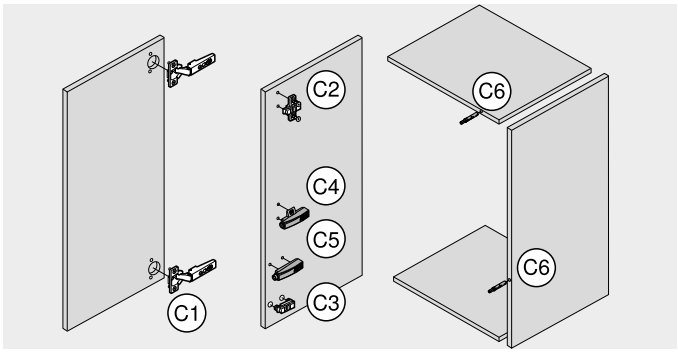
### Assembly possibilities



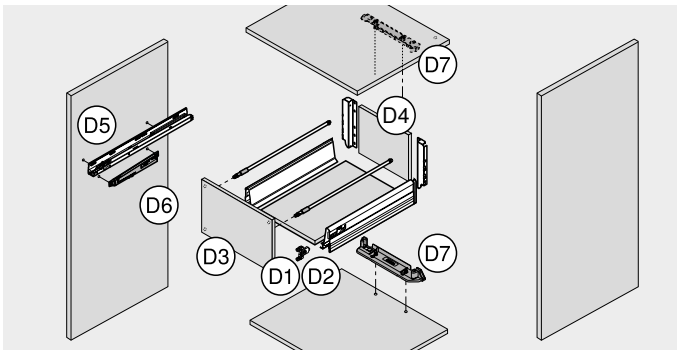

| Assembly – lift systems (AVENTOS HF \| HK-XS) | |
|---|---|
| **Front assembly** | |
| A1 Hinge | ● |
| A2 Horizontal mounting plate | ● |
| A3 Horizontal mounting plate \| telescopic arm \| front fixing bracket | ● |
| A4 Blum distance bumper | ● |
| **Cabinet assembly** | |
| A5 Cruciform mounting plate | ● |
| A6 Horizontal mounting plate | ● |
| A7 Lift mechanism – cabinet fixing bracket | ● |
| A8 SERVO-DRIVE switch | ● |



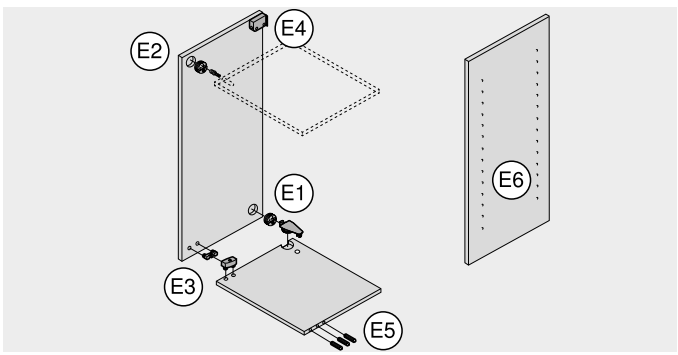

| Assembly – lift systems (AVENTOS HS \| HL \| HK \| HK-S) | |
|---|---|
| **Front assembly** | |
| B1 Front fixing bracket | ● |
| B2 Blum distance bumper | ● |
| **Cabinet assembly** | |
| B3 Lift mechanism | ● |
| B4 SERVO-DRIVE switch | ● |
| B5 TIP-ON – cruciform adapter plate | ● |
| B6 TIP-ON – inline adapter plate | ● |
| B7 TIP-ON – for drilling | – |




| Assembly – hinge systems | |
|---|---|
| **Front assembly** | |
| C1 Hinge | ● |
| **Cabinet assembly** | |
| C2 Cruciform mounting plate | ● |
| C3 Horizontal mounting plate | ● |
| C4 BLUMOTION \| TIP-ON – cruciform adapter plate | ● |
| C5 BLUMOTION \| TIP-ON – horizontal adapter plate | ● |
| C6 BLUMOTION \| TIP-ON – for drilling | – |




| Assembly – pull-out system | |
|---|---|
| **Front assembly** | |
| D1 LEGRABOX \| TANDEMBOX \| METABOX front fixing | ● |
| D2 MOVENTO- \| TANDEM front adjuster | ● |
| D3 Blum distance bumper | ● |
| **Drawer assembly** | |
| D4 Base \| back | ● |
| **Cabinet assembly** | |
| D5 Cabinet profiles | ● |
| D6 BLUMOTION for METABOX | ● |
| D7 SERVO-DRIVE bracket profile attachment | ● |




| Assembly – further products | |
|---|---|
| **Cabinet assembly** | |
| E1 Vertical cabinet connectors | ● |
| E2 Cabinet connector (front side) | – |
| E3 Vertical cabinet connectors | ● |
| E4 Wall hanging bracket | ● |
| **Cabinet assembly** | |
| E5 Wooden dowel drilling | – |
| E6 Line drilling | ● |

● Recommended
○ Possible
– Not possible

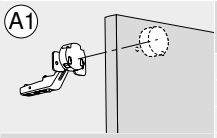


## PRO-CENTER | MINIPRESS PRO

### Assembly – lift systems (AVENTOS HF | HK-XS)

#### Front assembly

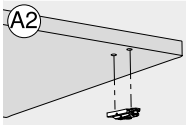
A1



| Hinge<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 3, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.2000.01 |
| Fittings drill bit, 35 x 57 mm, right hand | 1 x | M01.ZB35.02 |
| Drill bit, 8 x 57 mm, left hand | 2 x | M01.ZB08.03 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 4 x | MZS.1000 |

PRO-CENTER
MINIPRESS PRO

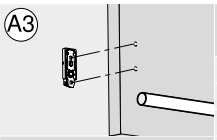
A2



| Horizontal mounting plate<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 4 x | MZS.1000 |
| Swing arm for inserting mounting plates | 1 x | MZK.2008.02 |
| Insertion ram, horizontal zinc mounting plates 177H51x0 | 1 x | MZM.0050 |
| Insertion ram, horizontal steel mounting plates 177H31x0 | 1 x | MZM.0053 |

PRO-CENTER
MINIPRESS PRO

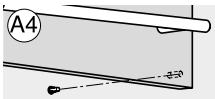
A3



| Horizontal mounting plate \| telescopic arm \| front fixing bracket<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling | 1 x | MZK.211S |
| Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

PRO-CENTER
MINIPRESS PRO

A4

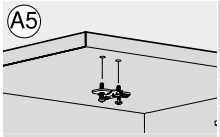


| Blum distance bumper<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling | 1 x | MZK.210S |
| Drill bit, 8 x 57 mm, right hand | 1 x | M01.ZB08.02 |
| Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

PRO-CENTER
MINIPRESS PRO

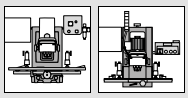
#### Cabinet assembly

A5



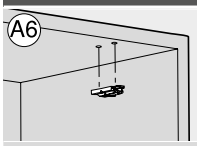
| Cruciform mounting plate<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.211S |
| Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Drill bit, 10 x 57 mm, left hand | 2 x | M01.ZB10.03 |
| Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 4 x | MZS.1000 |
| Swing arm for inserting mounting plates | 1 x | MZK.2008.02 |
| Insertion ram, mounting plates 174H71xx | 1 x | MZM.0061.01 |

PRO-CENTER
MINIPRESS PRO

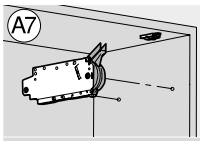




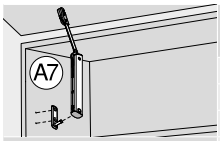
## PRO-CENTER | MINIPRESS PRO



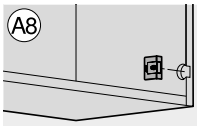

| | Horizontal mounting plate<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| PRO-CENTER | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| MINIPRESS PRO | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D3 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D2 |
| | Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| | Swivel stop | 4 x | MZS.1000 |
| | Swing arm for inserting mounting plates | 1 x | MZK.2008.02 |
| | Insertion ram, horizontal zinc mounting plates 177H51x0 | 1 x | MZM.0050 |
| | Insertion ram, horizontal steel mounting plates 177H31x0 | 1 x | MZM.0053 |




| | Lift mechanism<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| | Drill bit, 5 x 57 mm, right hand | 2 x | M01.ZB05.02 |
| | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| PRO-CENTER | Swivel stop | 2 x | MZS.1000 |
| MINIPRESS PRO | | | |



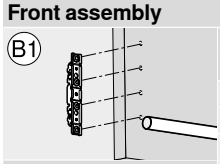

| | Cabinet fixing<br>AVENTOS HK-XS | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling | 1 x | MZK.211S |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| | Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| PRO-CENTER | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| MINIPRESS PRO | Swivel stop | 2 x | MZS.1000 |



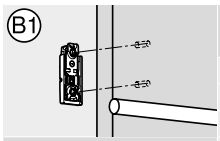

| | SERVO-DRIVE switch<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling | 1 x | MZK.210S |
| | Fittings drill bit, 35 x 57 mm, right hand | 1 x | M01.ZB35.02 |
| | Fittings drill bit without tip, 35 x 57 mm, right hand | 1 x | M01.ZB35.OS |
| PRO-CENTER | Chuck for drilling diameter larger than 10 mm, right | 1 x | MZK.2124 |
| MINIPRESS PRO | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| | Swivel stop | 2 x | MZS.1000 |

## Assembly – lift systems (AVENTOS HS | HL | HK | HK-S)

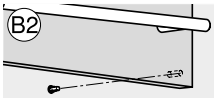
### Front assembly




| | Front fixing bracket<br>AVENTOS HS \| HL \| HK | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 9, drilling | 1 x | MZK.281S |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 2 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| PRO-CENTER | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| MINIPRESS PRO | Swivel stop | 2 x | MZS.1000 |




| | Front fixing bracket<br>AVENTOS HK-S | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| PRO-CENTER | Swivel stop | 2 x | MZS.1000 |
| MINIPRESS PRO | Swing arm for inserting mounting plates | 1 x | MZK.2008.02 |
| | Insertion ram, horizontal steel mounting plates 177H31x0 | 1 x | MZM.0053 |

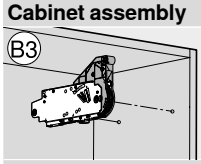



| | Blum distance bumper<br>AVENTOS HS \| HL \| HK | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling | 1 x | MZK.210S |
| | Drill bit, 8 x 57 mm, right hand | 1 x | M01.ZB08.02 |
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| PRO-CENTER | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| MINIPRESS PRO | Swivel stop | 2 x | MZS.1000 |



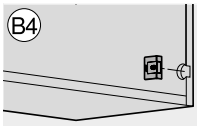
## PRO-CENTER | MINIPRESS PRO

### Cabinet assembly



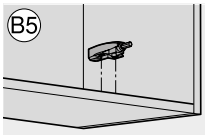

| Lift mechanism<br>AVENTOS HS \| HL \| HK \| HK-S | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| Drill bit, 5 x 57 mm, right hand | 2 x | M01.ZB05.02 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

PRO-CENTER
MINIPRESS PRO



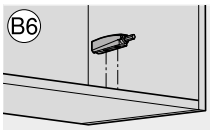

| SERVO-DRIVE switch<br>AVENTOS HS \| HL \| HK | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling | 1 x | MZK.210S |
| Fittings drill bit, 35 x 57 mm, right hand | 1 x | M01.ZB35.02 |
| Fittings drill bit without tip, 35 x 57 mm, right hand | 1 x | M01.ZB35.OS |
| Chuck for drilling diameter larger than 10 mm, right | 1 x | MZK.2124 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

PRO-CENTER
MINIPRESS PRO



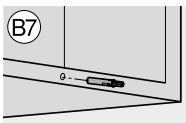

| TIP-ON – cruciform adapter plate<br>AVENTOS HK \| HK-S | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling | 1 x | MZK.211S |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

PRO-CENTER
MINIPRESS PRO




| TIP-ON – inline adapter plate<br>AVENTOS HK \| HK-S | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling | 1 x | MZK.210S |
| Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

PRO-CENTER
MINIPRESS PRO

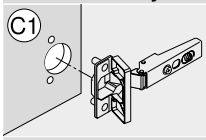



| TIP-ON – for drilling<br>AVENTOS HK \| HK-S | Quantity required | Part no. |
|---|---|---|
| Drill bit, 10 x 77 mm, right hand | 1 x | M65.ZB10.02 |
| Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2060 |
| Swivel stop | 2 x | MZS.1000 |

PRO-CENTER

### Assembly – hinge systems

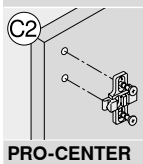
#### Front assembly




| Hinge | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 3, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.2000.01 |
| Fittings drill bit, 35 x 57 mm, right hand | 1 x | M01.ZB35.02 |
| Drill bit, 8 x 57 mm, left hand | 2 x | M01.ZB08.03 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Fittings drill bit, 26 x 57 mm, right hand | 1 x | M01.ZB26.02 |
| Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 4 x | MZS.1000 |
| Swing arm for inserting hinges | 1 x | MZK.2008.02 |
| Insertion ram, furniture hinges, all opening angles – except mini-hinge | 1 x | MZM.0040 |

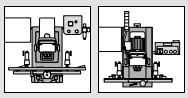
PRO-CENTER
MINIPRESS PRO

#### Cabinet assembly



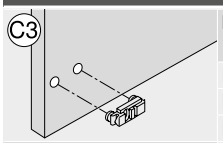

| Cruciform mounting plate | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.211S |
| Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Drill bit, 10 x 57 mm, left hand | 2 x | M01.ZB10.03 |
| Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 4 x | MZS.1000 |
| Swing arm for inserting mounting plates | 1 x | MZK.2008.02 |
| Insertion ram, mounting plates 174H71xx | 1 x | MZM.0061.01 |

PRO-CENTER
MINIPRESS PRO

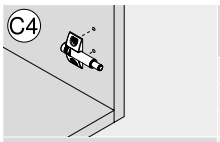




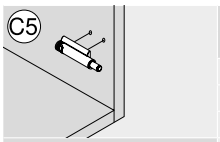
## PRO-CENTER | MINIPRESS PRO



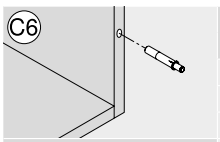
| C3 | Horizontal mounting plate | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| PRO-CENTER | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| MINIPRESS PRO | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| | Swivel stop | 4 x | MZS.1000 |
| | Swing arm for inserting mounting plates | 1 x | MZK.2008.02 |
| | Insertion ram, horizontal zinc mounting plates 177H51x0 | 1 x | MZM.0050 |
| | Insertion ram, horizontal steel mounting plates 177H31x0 | 1 x | MZM.0053 |



| C4 | BLUMOTION \| TIP-ON<br>Cruciform adapter plate | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling | 1 x | MZK.211S |
| | Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| PRO-CENTER | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| MINIPRESS PRO | Swivel stop | 2 x | MZS.1000 |



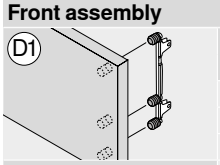
| C5 | BLUMOTION \| TIP-ON<br>Inline adapter plate | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 2, drilling | 1 x | MZK.210S |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| PRO-CENTER | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| MINIPRESS PRO | Swivel stop | 2 x | MZS.1000 |



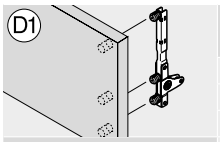
| C6 | BLUMOTION \| TIP-ON<br>For drilling | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 10 x 77 mm, right hand | 1 x | M65.ZB10.02 |
| | Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2060 |
| | Swivel stop | 2 x | MZS.1000 |
| PRO-CENTER | | | |

### Assembly – pull-out system

#### Front assembly



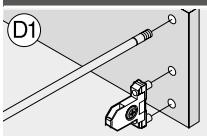
| D1 | LEGRABOX front fixing | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| | Drill bit, 10 x 57 mm, right hand | 3 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 3 x | M01.ZB10.03 |
| PRO-CENTER | Drill bit with roof tip, 2.5 x 57 mm, right hand | 3 x | M01.ZB02.D2 |
| MINIPRESS PRO | Drill bit with roof tip, 2.5 x 57 mm, left hand | 3 x | M01.ZB02.D3 |
| | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| | Swivel stop | 2 x | MZS.1000 |



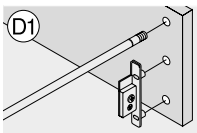
| D1 | TANDEMBOX intivo front fixing | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 2 x | M01.ZB10.03 |
| PRO-CENTER | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS PRO | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| | Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| | Swivel stop | 2 x | MZS.1000 |



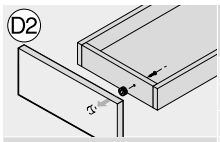
## PRO-CENTER | MINIPRESS PRO



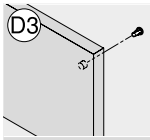

| TANDEMBOX antaro \| TANDEMBOX plus front fixing | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| Drill bit, 10 x 57 mm, left hand | 3 x | M01.ZB10.03 |
| PRO-CENTER MINIPRESS PRO: Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| PRO-CENTER MINIPRESS PRO: Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |




| METABOX front fixing | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 8, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.220S |
| Drill bit, 10 x 57 mm, right hand | 4 x | M01.ZB10.02 |
| Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| PRO-CENTER MINIPRESS PRO: Drill bit with roof tip, 2.5 x 57 mm, right hand | 2 x | M01.ZB02.D2 |
| PRO-CENTER MINIPRESS PRO: Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |
| Swing arm for inserting front fixings | 1 x | MZK.2008.02 |
| Insertion ram, front fixing bracket ZSF.1300 \| 1800 | 1 x | MZM.0292.01 |

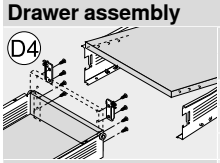



| MOVENTO- \| TANDEM front adjuster 295.1000 | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| Fittings drill bit, 20 x 57 mm, right hand | 1 x | M01.ZB20.02 |
| Chuck for drilling diameter larger than 10 mm, right | 1 x | MZK.2124 |
| PRO-CENTER MINIPRESS PRO: Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| PRO-CENTER MINIPRESS PRO: Swivel stop | 2 x | MZS.1000 |
| Swing arm for inserting front adjustment bracket | 1 x | MZK.2008.02 |
| Insertion ram, front adjuster 295.1000 | 1 x | MZM.0095 |



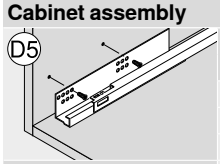

| Blum distance bumper | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling | 1 x | MZK.210S |
| Drill bit, 8 x 57 mm, right hand | 1 x | M01.ZB08.02 |
| Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| PRO-CENTER MINIPRESS PRO: Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| PRO-CENTER MINIPRESS PRO: Swivel stop | 2 x | MZS.1000 |

### Drawer assembly

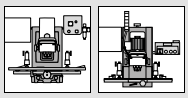



| Base \| back | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| Drill bit, 5 x 57 mm, right hand | 2 x | M01.ZB05.02 |
| Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| PRO-CENTER MINIPRESS PRO: Drill bit with roof tip, 2.5 x 57 mm, right hand | 2 x | M01.ZB02.D2 |
| PRO-CENTER MINIPRESS PRO: Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

### Cabinet assembly



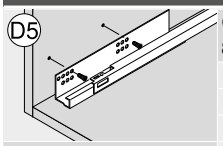

| Cabinet profiles 17 spindle drilling head | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 17, drilling | 1 x | MZK.288S |
| Drill bit, 5 x 57 mm, right hand | 2 x | M01.ZB05.02 |
| Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| PRO-CENTER: Drill bit with roof tip, 2.5 x 57 mm, right hand | 2 x | M01.ZB02.D2 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| Swivel stop | 10 x | MZS.1000 |





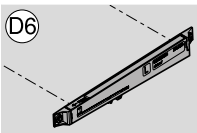
## PRO-CENTER | MINIPRESS PRO

D5



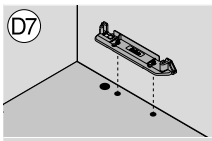
| Cabinet profiles<br>8 spindle drilling head | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| Drill bit, 5 x 57 mm, right hand | 2 x | M01.ZB05.02 |
| Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| PRO-CENTER<br>MINIPRESS PRO Drill bit with roof tip, 2.5 x 57 mm, right hand | 2 x | M01.ZB02.D2 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) | 1 x | MZL.2010 |
| Swivel stop | 10 x | MZS.1000 |

D6



| BLUMOTION for METABOX | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 8, drilling | 1 x | MZK.220S |
| Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| PRO-CENTER<br>MINIPRESS PRO Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

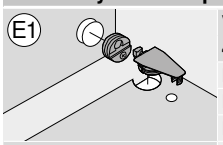
D7



| SERVO-DRIVE bracket profile attachment | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 9, drilling | 1 x | MZK.281S |
| Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| PRO-CENTER<br>MINIPRESS PRO Fittings drill bit, 25 x 57 mm, right hand | 1 x | M01.ZB25.02 |
| Chuck for drilling diameter larger than 10 mm, right | 1 x | MZK.2124 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 2 x | MZS.1000 |

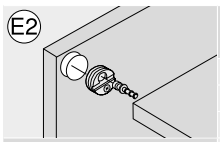
## Assembly – further products

E1



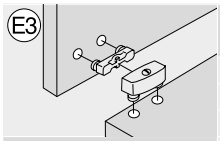
| Vertical cabinet connectors<br>40.0110 \| 40.0620 | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| Fittings drill bit, 28 x 57 mm, right hand | 1 x | M01.ZB28.02 |
| Fittings drill bit, 25 x 57 mm, right hand | 1 x | M01.ZB25.02 |
| PRO-CENTER<br>MINIPRESS PRO Chuck for drilling diameter larger than 10 mm, right | 1 x | MZK.2124 |
| Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |
| Swing arm small | 1 x | MZK.2008.02 |
| Insertion ram, connector housing 40.0200 \| 40.0600 \| 40.0700 | 1 x | MZM.0070 |
| Insertion ram, connector 40.0600 | 1 x | MZM.0071 |

E2

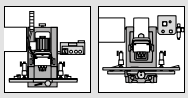


| Cabinet connector (front side)<br>42.0700.01 \| 40.0200 | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| Chuck for drilling diameter larger than 10 mm, right | 1 x | MZK.2124 |
| Fittings drill bit, 25 x 57 mm, right hand | 1 x | M01.ZB25.02 |
| PRO-CENTER Drill bit, 5 x 77 mm, right hand | 1 x | M65.ZB05.02 |
| Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2060 |
| Swivel stop | 4 x | MZS.1000 |
| Swing arm small | 1 x | MZK.2008.02 |
| Insertion ram, connector housing 40.0200 \| 40.0600 \| 40.0700 | 1 x | MZM.0070 |
| Insertion ram, connector 42.07 | 1 x | MZM.0077 |

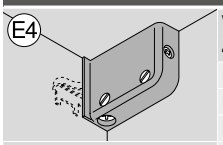
E3



| Vertical cabinet connectors<br>40.2110 \| 40.2120.02 | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling | 1 x | MZK.211S |
| Drill bit, 10 x 57 mm, left hand | 2 x | M01.ZB10.03 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| PRO-CENTER<br>MINIPRESS PRO Swivel stop | 4 x | MZS.1000 |

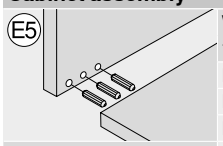


## PRO-CENTER | MINIPRESS PRO

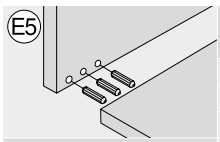



| Wall hanging bracket 48N0610.02 \| 48N0610.03 | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) | 1 x | MZK.210S |
| Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| PRO-CENTER Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| MINIPRESS PRO Swivel stop | 2 x | MZS.1000 |
| Swing arm small | 1 x | MZK.2008.02 |
| Insertion ram, wall hanging bracket 48N0610 | 1 x | MZM.0078 |

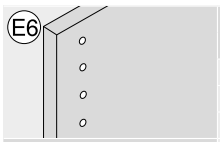
### Cabinet assembly



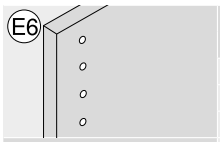

| Wooden dowel drilling 17 spindle drilling head | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 17, drilling | 1 x | MZK.288S |
| Drill bit, 8 x 57 mm, right hand | 5 x | M01.ZB08.02 |
| Drill bit, 8 x 57 mm, left hand | 4 x | M01.ZB08.03 |
| PRO-CENTER Drill bit, 10 x 57 mm, right hand | 5 x | M01.ZB10.02 |
| Drill bit, 10 x 57 mm, left hand | 4 x | M01.ZB10.03 |
| Drill bit, 8 x 77 mm, right hand | 1 x | M65.ZB08.02 |
| Drill bit, 8 x 77 mm, left hand | 2 x | M65.ZB08.03 |
| Drill bit, 10 x 77 mm, right hand | 1 x | M65.ZB10.02 |
| Drill bit, 10 x 77 mm, left hand | 2 x | M65.ZB10.03 |
| Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2060 |
| Swivel stop | 8 x | MZS.1000 |




| Wooden dowel drilling 3 spindle drilling head | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 3, drilling | 1 x | MZK.240S |
| Drill bit, 8 x 57 mm, right hand | 1 x | M01.ZB08.02 |
| Drill bit, 8 x 57 mm, left hand | 2 x | M01.ZB08.03 |
| PRO-CENTER Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| Drill bit, 10 x 57 mm, left hand | 2 x | M01.ZB10.03 |
| Drill bit, 8 x 77 mm, right hand | 1 x | M65.ZB08.02 |
| Drill bit, 8 x 77 mm, left hand | 2 x | M65.ZB08.03 |
| Drill bit, 10 x 77 mm, right hand | 1 x | M65.ZB10.02 |
| Drill bit, 10 x 77 mm, left hand | 2 x | M65.ZB10.03 |
| Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2060 |
| Swivel stop | 6 x | MZS.1000 |




| Line drilling 17 spindle drilling head | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 17, drilling | 1 x | MZK.288S |
| Drill bit, 5 x 57 mm, right hand | 9 x | M01.ZB05.02 |
| Drill bit, 5 x 57 mm, left hand | 8 x | M01.ZB05.03 |
| PRO-CENTER Drill bit, 3 x 57 mm, right hand | 9 x | M01.ZB03.02 |
| Drill bit, 3 x 57 mm, left hand | 8 x | M01.ZB03.03 |
| Line drilling ruler, 953 mm (right and left hand, calibration 0–832 mm) | 1 x | MZL.2080 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 8 x | MZS.1000 |




| Line drilling 9 spindle drilling head | Quantity required | Part no. |
|---|---|---|
| Drilling head, number of spindles 9, drilling | 1 x | MZK.281S |
| Drill bit, 5 x 57 mm, right hand | 5 x | M01.ZB05.02 |
| Drill bit, 5 x 57 mm, left hand | 4 x | M01.ZB05.03 |
| PRO-CENTER Drill bit, 3 x 57 mm, right hand | 5 x | M01.ZB03.02 |
| MINIPRESS PRO Drill bit, 3 x 57 mm, left hand | 4 x | M01.ZB03.03 |
| Line drilling ruler, 953 mm (right and left hand, calibration 0–832 mm) | 1 x | MZL.2080 |
| Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) | 1 x | MZL.2000 |
| Swivel stop | 14 x | MZS.1000 |



## MINIPRESS P


Symbolic image

**Specialised**
MINIPRESS P is a specialised machine for drilling hinges. Once it's set, it carries out routine work with precision and efficiency. A pneumatic feed for drilling and insertion as well as a spindle for the drilling distance setting makes working with MINIPRESS P safe and precise.

- Vertical drilling and component insertion
- Drilling distance settings using spindle
- Pneumatic feed

### Case studies



**Drilling of various patterns**
With the multi-swivel gearbox, various drilling patterns for furniture fittings can be set quickly, tool-free and precisely



**Insertion of Blum components**
MINIPRESS P is equally efficient when it comes to inserting Blum fittings. The operation is both simple and precise



**Practical and precise ruler system**
The drilling distance is set easily from the front using a calibrated spindle



**Quick connect chuck**
For quick and comfortable drill bit changeovers. The quick connect chucks can be retrofitted individually



**9-spindle drilling head**
For efficient line drilling within the 32 mm tier system. Drilling head is fitted with quick connect chucks as standard



**8-spindle drilling head**
For the assembly of AVENTOS lift mechanisms, box front fixings and cabinet profiles. Drilling head is fitted with quick connect chucks as standard

# MINIPRESS P


Symbolic image

- Including multi-swivel gearbox (5-spindle)
- Supplied with stop system, incl. basic ruler (600 mm) and toolkit
- Different voltage can be supplied upon request
- Rulers, drilling heads and other accessories are not included as part of the basic machine

**Application video**

Short-URL
www.blum.com/gmSum

## Order information

| F1 | MINIPRESS P | | |
|---|---|---|---|
| | Voltage (V) | Frequency (Hz) | Part no. |
| | 1 x 230 | 50 | M53.1050* |
| | 3 x 400 | 50 \| 60 | ☎ M53.1000* |

**Composed of:**

| | | |
|---|---|---|
| F | 1 x | MINIPRESS P |
| I8 | 1 x | Drilling depth stop for MINIPRESS P \| M 2010 and later |
| – | 1 x | Distance template |
| – | 4 x | Chuck cover |
| – | 1 x | Replacement coupling |
| – | 1 x | Tool set |
| – | 1 x | Basic ruler |

| F2 | MINIPRESS P | | |
|---|---|---|---|
| | Voltage (V) | Frequency (Hz) | Part no. |
| | 1 x 230 | 50 | M53.1050.01 |
| | 3 x 400 | 50 \| 60 [1] | M53.1000.01 |

**Composed of:**

| | | |
|---|---|---|
| F | 1 x | MINIPRESS P |
| – | 1 x | Distance template |
| – | 4 x | Chuck cover |
| – | 1 x | Replacement coupling |
| – | 1 x | Tool set |
| – | 1 x | Basic ruler |
| H7 | 1 x | Extension ruler symmetrical |
| H9 | 1 x | Support for extension ruler |
| H14 | 1 x | Centre marking stop laser |
| I8 | 1 x | Drilling depth stop for MINIPRESS P \| M 2010 and later |
| I10 | 1 x | Position indicator for MINIPRESS P |
| I11 | 1 x | Hold down clamp (pneumatic) left/right |
| I12 | 1 x | Work table for MINIPRESS P |
| K9 | 2 x | Drill bit, 8 x 57 mm, left hand |
| K19 | 1 x | Fittings drill bit, 35 x 57 mm, right hand |

[1] H14 is not part of standard components

## a Accessories

### Drilling heads without swing arm

| | | Number of spindles (pcs) | Spindle distance (mm) | Quick connect chuck [1] | Swing arm [2] | Part no. | Application | Drilling | Insertion (optional) |
|---|---|---|---|---|---|---|---|---|---|
| G9 |  | 9 | 32 | ■ | – | MZK.190S | Line drilling | ● | |
| G10 |  | 8 | 32 | ■ | – | MZK.880S | Cabinet profile<br>Front fixing bracket<br>Lift mechanism | ●<br>●<br>● | |

□ Without quick connect chuck ■ With quick connect chuck ● Possible

[1] For drilling heads with quick connect chucks, drill bits larger than Ø 10 mm must not be used

[2] Order swing arm for inserting fittings separately

## Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | Accessories – drill bit | 632 |
| Overview – assembly possibilities | 598 | | |
| Assembly possibilities | 626 | | |
| Accessories – insertion rams | 632 | | |



## MINIPRESS P

### Order information

### a Accessories

#### Rulers

| | | Description | Length (mm) | Calibration (mm) | Part no. | Application |
|---|---|---|---|---|---|---|
| H7 |  | Extension ruler sym-metrical | 1250 | 300–1550 | MZL.1250 | Extension for basic ruler |
| H8 |  | Extension ruler sym-metrical | 1250 | 1550–2800 | MZL.2500 | Extension for extension ruler |

| | | Description | Part no. | Application |
|---|---|---|---|---|
| H9 |  | Support for extension ruler | MZV.2100 | Extension ruler support |

| | | Description | Part no. |
|---|---|---|---|
| H10 |  | Swivel stop | MZS.1000 |
| H11 |  | Narrow swivel stop for positioning between others, left hand | MZS.2000 |
| H12 |  | Narrow swivel stop for positioning between others, right | MZS.2000 |
| H13 |  | Centre marking stop | MZR.1000 |
| H14 |  | Centre marking stop laser | MZR.5300.02 |
| H15 |  | MINIPRESS dual application | MZR.2000 |
| H17 |  | Locking device (16 mm ruler adjustment) | MZE.1300 |

#### General

| | | Description | Part no. |
|---|---|---|---|
| I1 |  | Quick connect chuck set (5 pcs. chuck, sleeve, cover), right and left | MZF.1000.01 |
| I2 |  | Quick connect chuck and sleeve, left hand | MZF.1010 |
| I3 |  | Quick connect chuck and sleeve, right hand | MZF.1020 |
| I4 |  | Quick connect sleeve | MZF.1030 |
| I5 |  | Quick connect chuck cover | MZF.1050 |
| I6 |  | Locking device for MZK.1900 \| MZK.8800 \| MZK.190S \| MZK.880S | MZK.1120 |
| I7 |  | Drilling head connector for quick connect chuck MZK.1900 \| MZK.8800 \| MZ-K.190S \| MZK.880S | MZK.1130 |
| I8 |  | Drilling depth stop for MINIPRESS P \| M 2010 and later | M30.1304.02 |
| I9 |  | Retro fit kit for drilling head MINIPRESS P \| M earlier than 2010 | M30.1313.UM |
| I10 |  | Position indicator for MINIPRESS P (digital drilling offset stop) | MZE.2110 |
| I11 |  | Hold down clamp (pneumatic) left/right | M53.0720 |
| I12 |  | Work table for MINIPRESS P | MZA.5300 |
| I14 |  | Tool holder | M51.0802 |
| I15 |  | Set-up plan rack | M54.2117 |

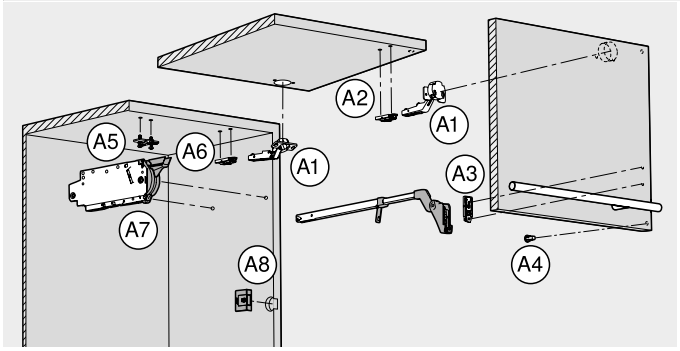
### Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | Accessories – drill bit | 632 |
| Overview – assembly possibilities | 598 | | |
| Assembly possibilities | 626 | | |
| Accessories – insertion rams | 632 | | |

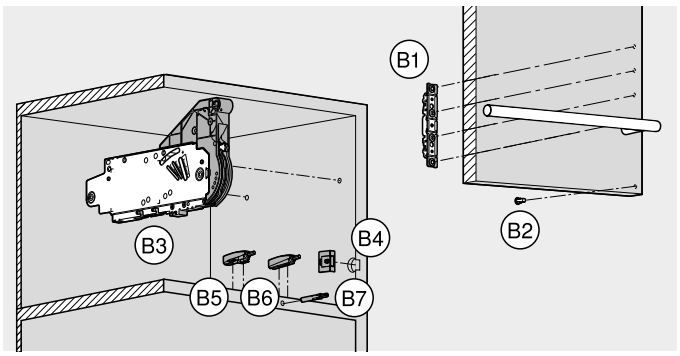


## MINIPRESS P

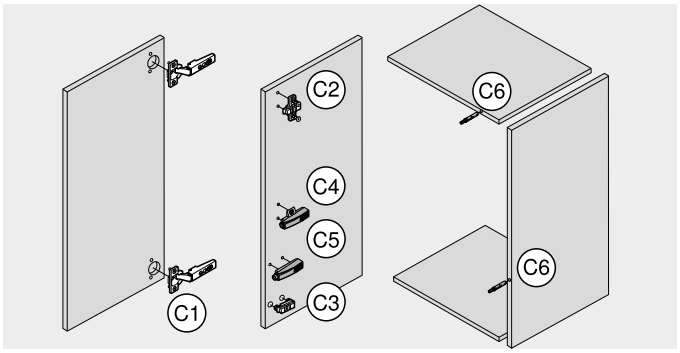
### Assembly possibilities



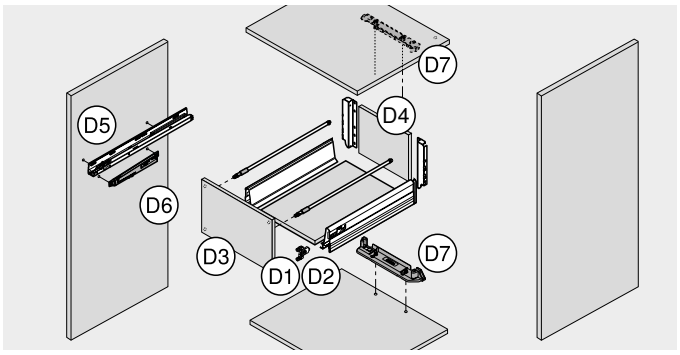

| Assembly – lift systems (AVENTOS HF \| HK-XS) | |
|---|---|
| **Front assembly** | |
| A1 Hinge | ● |
| A2 Horizontal mounting plate | ● |
| A3 Horizontal mounting plate \| telescopic arm \| front fixing bracket | ○ |
| A4 Blum distance bumper | ● |
| **Cabinet assembly** | |
| A5 Cruciform mounting plate | ● |
| A6 Horizontal mounting plate | ● |
| A7 Lift mechanism – cabinet fixing bracket | ○ |
| A8 SERVO-DRIVE switch | ● |



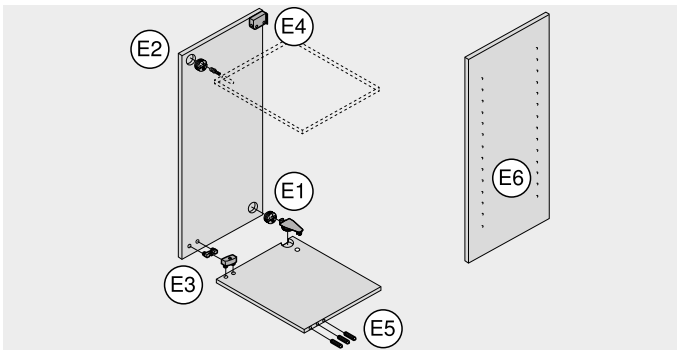

| Assembly – lift systems (AVENTOS HS \| HL \| HK \| HK-S) | |
|---|---|
| **Front assembly** | |
| B1 Front fixing bracket | ○ |
| B2 Blum distance bumper | ● |
| **Cabinet assembly** | |
| B3 Lift mechanism | ○ |
| B4 SERVO-DRIVE switch | ● |
| B5 TIP-ON – cruciform adapter plate | ● |
| B6 TIP-ON – inline adapter plate | ● |
| B7 TIP-ON – for drilling | – |




| Assembly – hinge systems | |
|---|---|
| **Front assembly** | |
| C1 Hinge | ● |
| **Cabinet assembly** | |
| C2 Cruciform mounting plate | ● |
| C3 Horizontal mounting plate | ● |
| C4 BLUMOTION \| TIP-ON – cruciform adapter plate | ● |
| C5 BLUMOTION \| TIP-ON – horizontal adapter plate | ● |
| C6 BLUMOTION \| TIP-ON – for drilling | – |




| Assembly – pull-out system | |
|---|---|
| **Front assembly** | |
| D1 LEGRABOX \| TANDEMBOX \| METABOX front fixing | ○ |
| D2 MOVENTO- \| TANDEM front adjuster | ● |
| D3 Blum distance bumper | ● |
| **Drawer assembly** | |
| D4 Base \| back | ○ |
| **Cabinet assembly** | |
| D5 Cabinet profiles | ○ |
| D6 BLUMOTION for METABOX | ○ |
| D7 SERVO-DRIVE bracket profile attachment | ○ |




| Assembly – further products | |
|---|---|
| **Cabinet assembly** | |
| E1 Vertical cabinet connectors | ● |
| E2 Cabinet connector (front side) | – |
| E3 Vertical cabinet connectors | ● |
| E4 Wall hanging bracket | ● |
| **Cabinet assembly** | |
| E5 Horizontal wooden dowel drilling | – |
| E6 Line drilling | ○ |

● Recommended
○ Possible
– Not possible



## MINIPRESS M


Symbolic image

**Mobile**
The MINIPRESS M from Blum is a compact tool that is flexible enough to be used on-site or in the workshop. MINIPRESS M does not require pressurised air or a strong power supply and instead can be operated using lighting current.

- Vertical drilling and component insertion
- Manual feed for drilling and insertion

### Case studies



**Drilling of various patterns**
With the multi-swivel gearbox, various drilling patterns for furniture fittings can be set quickly, tool-free and precisely



**Insertion of Blum components**
MINIPRESS M is equally efficient when it comes to inserting Blum fittings. The operation is both simple and precise



**Drilling and insertion**
The lever is pulled down manually for drilling or insertion of fittings



**Quick connect chuck**
For quick and comfortable drill bit changeovers. The quick connect chucks can be retrofitted individually



**9-spindle drilling head**
For efficient line drilling within the 32 mm tier system. Drilling head is fitted with quick connect chucks as standard



**8-spindle drilling head**
For the assembly of AVENTOS lift mechanisms, box front fixings and cabinet profiles. Drilling head is fitted with quick connect chucks as standard

# MINIPRESS M


Symbolic image

- Including multi-swivel gearbox (5-spindle)
- Supplied with stop system, incl. basic ruler (600 mm) and toolkit
- Different voltage can be supplied upon request
- Rulers, drilling heads and other accessories are not included as part of the basic machine

**Application video**

Short-URL
www.blum.com/1nenDA

## Order information

| F1 | MINIPRESS M | | |
|---|---|---|---|
| | Voltage (V) | Frequency (Hz) | Part no. |
| | 1 x 230 | 50 | M52.1050* |

**Composed of:**

| | | |
|---|---|---|
| F | 1 x | MINIPRESS M |
| I8 | 1 x | Drilling depth stop for MINIPRESS P \| M 2010 and later |
| – | 1 x | Distance template |
| – | 4 x | Chuck cover |
| – | 1 x | Replacement coupling |
| – | 1 x | Tool set |
| – | 1 x | Basic ruler |

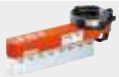
| F2 | MINIPRESS M | | |
|---|---|---|---|
| | Voltage (V) | Frequency (Hz) | Part no. |
| | 1 x 230 | 50 | ☎ M52.1050* |

**Composed of:**

| | | |
|---|---|---|
| F | 1 x | MINIPRESS M |
| I8 | 1 x | Drilling depth stop for MINIPRESS P \| M 2010 and later |
| I12 | 1 x | Work table for MINIPRESS M |
| – | 1 x | Distance template |
| – | 4 x | Chuck cover |
| – | 1 x | Replacement coupling |
| – | 1 x | Tool set |
| – | 1 x | Basic ruler |

## a Accessories

### Drilling heads without swing arm

| | | Number of spindles (pcs) | Spindle distance (mm) | Quick connect chuck [1] | Swing arm [2] | Part no. | Application | Drilling | Insertion (optional) |
|---|---|---|---|---|---|---|---|---|---|
| G9 |  | 9 | 32 | ■ | – | MZK.190S | Line drilling | ● | |
| G10 |  | 8 | 32 | ■ | – | MZK.880S | Cabinet profile<br>Front fixing bracket<br>Lift mechanism | ●<br>●<br>● | |

□ Without quick connect chuck ■ With quick connect chuck ● Possible

[1] For drilling heads with quick connect chucks, drill bits larger than Ø 10 mm must not be used

[2] Order swing arm for inserting fittings separately

## Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | Accessories – drill bit | 632 |
| Overview – assembly possibilities | 598 | | |
| Assembly possibilities | 626 | | |
| Accessories – insertion rams | 632 | | |



## MINIPRESS M

### Order information

### a Accessories

#### Rulers

| | | Description | Length (mm) | Calibration (mm) | Part no. | Application |
|---|---|---|---|---|---|---|
| H7 |  | Extension ruler sym-metrical | 1250 | 300–1550 | MZL.1250 | Extension for basic ruler |
| H8 |  | Extension ruler sym-metrical | 1250 | 1550–2800 | MZL.2500 | Extension for extension ruler |

| | | Description | Part no. | Application |
|---|---|---|---|---|
| H9 |  | Support for extension ruler | MZV.2100 | Extension ruler support |

| | | Description | Part no. |
|---|---|---|---|
| H10 |  | Swivel stop | MZS.1000 |
| H11 |  | Narrow swivel stop for positioning between others, left hand | MZS.2000 |
| H12 |  | Narrow swivel stop for positioning between others, right | MZS.2000 |
| H13 |  | Centre marking stop | MZR.1000 |
| H15 |  | MINIPRESS dual application | MZR.2000 |
| H18 |  | Stop (drilling offset stop) | MZS.1020 |

#### General

| | | Description | Part no. |
|---|---|---|---|
| I1 |  | Quick connect chuck set (5 pcs. chuck, sleeve, cover), right and left | MZF.1000.01 |
| I2 |  | Quick connect chuck and sleeve, left hand | MZF.1010 |
| I3 |  | Quick connect chuck and sleeve, right hand | MZF.1020 |
| I4 |  | Quick connect sleeve | MZF.1030 |
| I5 |  | Quick connect chuck cover | MZF.1050 |
| I6 |  | Locking device for MZK.1900 \| MZK.8800 \| MZK.190S \| MZK.880S | MZK.1120 |
| I7 |  | Drilling head connector for quick connect chuck MZK.1900 \| MZK.8800 \| MZ-K.190S \| MZK.880S | MZK.1130 |
| I8 |  | Drilling depth stop for MINIPRESS P \| M 2010 and later | M30.1304.02 |
| I9 |  | Retro fit kit for drilling head MINIPRESS P \| M earlier than 2010 | M30.1313.UM |
| I12 |  | Work table for MINIPRESS M | MZA.5200 |

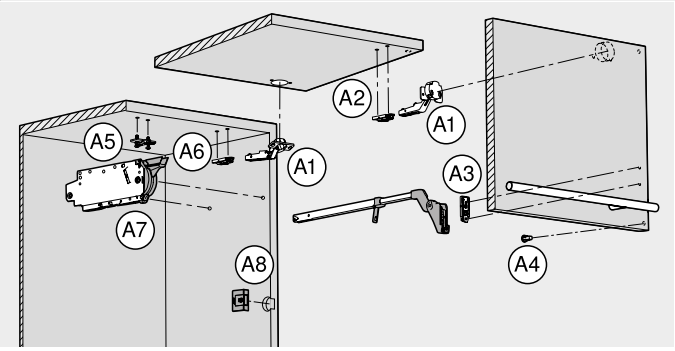
### Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | Accessories – drill bit | 632 |
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| Assembly possibilities | 626 | | |
| Accessories – insertion rams | 632 | | |

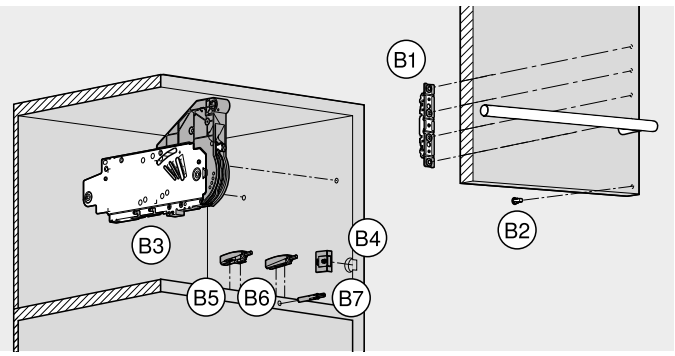


## MINIPRESS M

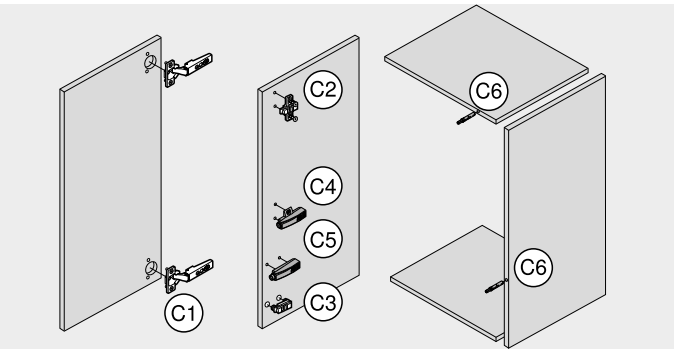
### Assembly possibilities



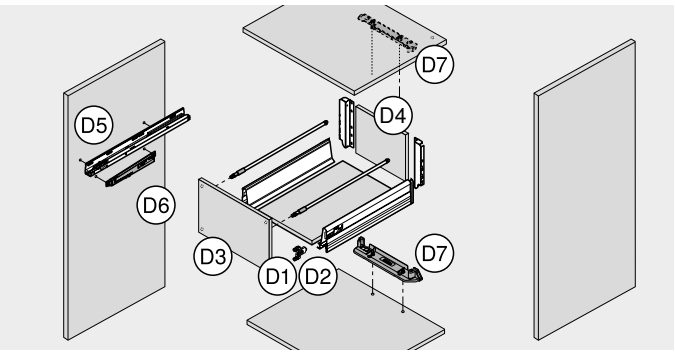

| Assembly – lift systems (AVENTOS HF \| HK-XS) | |
|---|---|
| **Front assembly** | |
| A1 Hinge | ● |
| A2 Horizontal mounting plate | ● |
| A3 Horizontal mounting plate \| telescopic arm \| front fixing bracket | ○ |
| A4 Blum distance bumper | ● |
| **Cabinet assembly** | |
| A5 Cruciform mounting plate | ● |
| A6 Horizontal mounting plate | ● |
| A7 Lift mechanism – cabinet fixing bracket | ○ |
| A8 SERVO-DRIVE switch | ● |



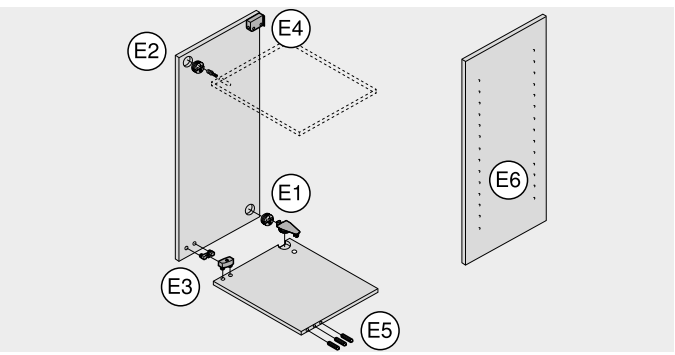

| Assembly – lift systems (AVENTOS HS \| HL \| HK \| HK-S) | |
|---|---|
| **Front assembly** | |
| B1 Front fixing bracket | ○ |
| B2 Blum distance bumper | ● |
| **Cabinet assembly** | |
| B3 Lift mechanism | ○ |
| B4 SERVO-DRIVE switch | ● |
| B5 TIP-ON – cruciform adapter plate | ● |
| B6 TIP-ON – inline adapter plate | ● |
| B7 TIP-ON – for drilling | – |




| Assembly – hinge systems | |
|---|---|
| **Front assembly** | |
| C1 Hinge | ● |
| **Cabinet assembly** | |
| C2 Cruciform mounting plate | ● |
| C3 Horizontal mounting plate | ● |
| C4 BLUMOTION \| TIP-ON – cruciform adapter plate | ● |
| C5 BLUMOTION \| TIP-ON – horizontal adapter plate | ● |
| C6 BLUMOTION \| TIP-ON – for drilling | – |




| Assembly – pull-out system | |
|---|---|
| **Front assembly** | |
| D1 LEGRABOX \| TANDEMBOX \| METABOX front fixing | ○ |
| D2 MOVENTO- \| TANDEM front adjuster | ● |
| D3 Blum distance bumper | ● |
| **Drawer assembly** | |
| D4 Base \| back | ○ |
| **Cabinet assembly** | |
| D5 Cabinet profiles | ○ |
| D6 BLUMOTION for METABOX | ○ |
| D7 SERVO-DRIVE bracket profile attachment | ○ |




| Assembly – further products | |
|---|---|
| **Cabinet assembly** | |
| E1 Vertical cabinet connectors | ● |
| E2 Cabinet connector (front side) | – |
| E3 Vertical cabinet connectors | ● |
| E4 Wall hanging bracket | ● |
| **Cabinet assembly** | |
| E5 Horizontal wooden dowel drilling | – |
| E6 Line drilling | ○ |

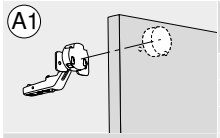
● Recommended
○ Possible
– Not possible



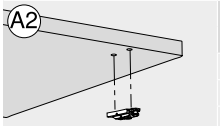
## MINIPRESS P | MINIPRESS M

### Assembly – lift systems (AVENTOS HF | HK-XS)

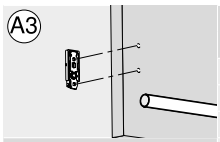
#### Front assembly



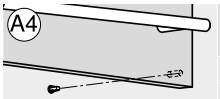

| | Hinge<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|---|
| | Fittings drill bit, 35 x 57 mm, right hand | 1 x | M01.ZB35.02 |
| | Drill bit, 8 x 57 mm, left hand | 2 x | M01.ZB08.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| MINIPRESS P | Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| MINIPRESS M | Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |




| | Horizontal mounting plate<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| MINIPRESS P | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |
| | Insertion ram, horizontal zinc mounting plates 177H51x0 | 1 x | MZM.0050 |
| | Insertion ram, horizontal steel mounting plates 177H31x0 | 1 x | MZM.0053 |

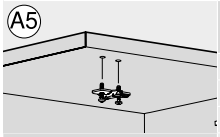



| | Horizontal mounting plate \| telescopic arm \| front fixing bracket<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |

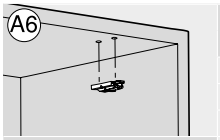



| | Blum distance bumper<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 8 x 57 mm, right hand | 1 x | M01.ZB08.02 |
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS M | | | |

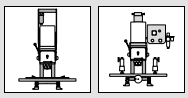
#### Cabinet assembly




| | Cruciform mounting plate<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| MINIPRESS M | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |
| | Insertion ram, mounting plates 174H71xx | 1 x | MZM.0061.01 |

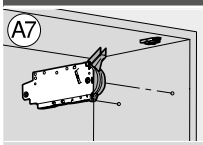



| | Horizontal mounting plate<br>AVENTOS HF \| HK-XS | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| MINIPRESS P | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |
| | Insertion ram, horizontal zinc mounting plates 177H51x0 | 1 x | MZM.0050 |
| | Insertion ram, horizontal steel mounting plates 177H31x0 | 1 x | MZM.0053 |

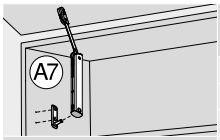




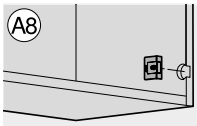
## MINIPRESS P | MINIPRESS M




| | Lift mechanism<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.880S |
| | Drill bit, 5 x 57 mm, right hand | 2 x | M01.ZB05.02 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS M | | | |



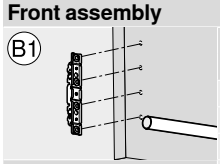

| | Cabinet fixing<br>AVENTOS HK-XS | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |



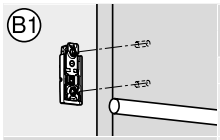

| | SERVO-DRIVE switch<br>AVENTOS HF | Quantity required | Part no. |
|---|---|---|---|
| | Fittings drill bit, 35 x 57 mm, right hand | 1 x | M01.ZB35.02 |
| | Fittings drill bit without tip, 35 x 57 mm, right hand | 1 x | M01.ZB35.OS |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS M | | | |

### Assembly – lift systems (AVENTOS HS | HL | HK | HK-S)

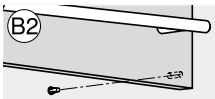
#### Front assembly




| | Front fixing bracket<br>AVENTOS HS | HL | HK | Quantity required | Part no. |
|---|---|---|---|---|---|
| | Drilling head, number of spindles 9, drilling | | | 1 x | MZK.190S |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | | | 2 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | | | 2 x | M01.ZB02.D3 |
| MINIPRESS P | Narrow swivel stop for positioning between others, right | | | 2 x | MZS.2000 |
| MINIPRESS M | Narrow swivel stop for positioning between others, left hand | | | 2 x | MZS.2000 |

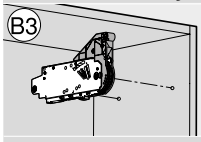



| | Front fixing bracket<br>AVENTOS HK-S | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS M | | | |

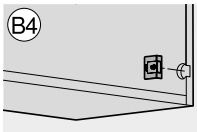



| | Blum distance bumper<br>AVENTOS HS | HL | HK | Quantity required | Part no. |
|---|---|---|---|---|---|
| | Drill bit, 8 x 57 mm, right hand | | | 1 x | M01.ZB08.02 |
| | Drill bit, 5 x 57 mm, right hand | | | 1 x | M01.ZB05.02 |
| | Narrow swivel stop for positioning between others, right | | | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | | | 1 x | MZS.2000 |
| MINIPRESS M | | | | | |

#### Cabinet assembly




| | Lift mechanism<br>AVENTOS HS | HL | HK | HK-S | Quantity required | Part no. |
|---|---|---|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | | | | 1 x | MZK.880S |
| | Drill bit, 5 x 57 mm, right hand | | | | 2 x | M01.ZB05.02 |
| | Narrow swivel stop for positioning between others, right | | | | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | | | | 1 x | MZS.2000 |
| MINIPRESS M | | | | | | |

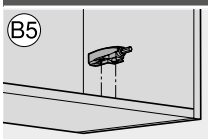



| | SERVO-DRIVE switch<br>AVENTOS HS | HL | HK | Quantity required | Part no. |
|---|---|---|---|---|---|
| | Fittings drill bit, 35 x 57 mm, right hand | | | 1 x | M01.ZB35.02 |
| | Narrow swivel stop for positioning between others, right | | | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | | | 1 x | MZS.2000 |
| MINIPRESS P | | | | | |
| MINIPRESS M | | | | | |



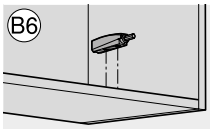
## MINIPRESS P | MINIPRESS M

B5



| | TIP-ON – cruciform adapter plate<br>AVENTOS HK \| HK-S | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |

B6

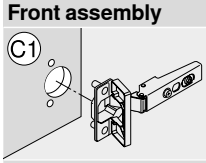


| | TIP-ON – inline adapter plate<br>AVENTOS HK \| HK-S | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS M | | | |

### Assembly – hinge systems

#### Front assembly

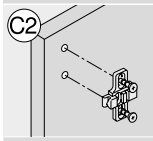
C1



| | Hinge | Quantity required | Part no. |
|---|---|---|---|
| | Fittings drill bit, 35 x 57 mm, right hand | 1 x | M01.ZB35.02 |
| | Drill bit, 8 x 57 mm, left hand | 2 x | M01.ZB08.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| MINIPRESS P | Fittings drill bit, 26 x 57 mm, right hand | 1 x | M01.ZB26.02 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 4 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 4 x | MZS.2000 |
| | Insertion ram, furniture hinges, all opening angles – except mini-hinge | 1 x | MZM.0040 |

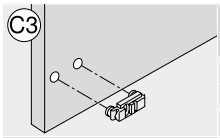
#### Cabinet assembly

C2



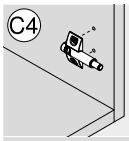
| | Cruciform mounting plate | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| MINIPRESS M | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Narrow swivel stop for positioning between others, right | 4 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 4 x | MZS.2000 |
| | Insertion ram, mounting plates 174H71xx | 1 x | MZM.0061.01 |

C3



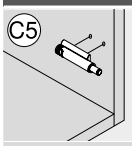
| | Horizontal mounting plate | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| MINIPRESS P | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 4 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 4 x | MZS.2000 |
| | Insertion ram, horizontal zinc mounting plates 177H51x0 | 1 x | MZM.0050 |
| | Insertion ram, horizontal steel mounting plates 177H31x0 | 1 x | MZM.0053 |

C4



| | BLUMOTION \| TIP-ON<br>Cruciform adapter plate | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |

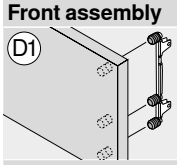
## MINIPRESS P | MINIPRESS M



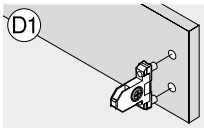

| | BLUMOTION \| TIP-ON<br>Inline adapter plate | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS M | | | |

### Assembly – pull-out system

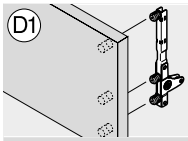
#### Front assembly



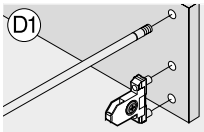

| | LEGRABOX front fixing<br>8 spindle drilling head | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.880S |
| | Drill bit, 10 x 57 mm, right hand | 3 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 3 x | M01.ZB10.03 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, right hand | 3 x | M01.ZB02.D2 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, left hand | 3 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |



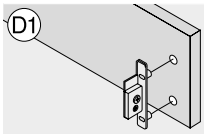

| | LEGRABOX- \| TANDEMBOX-front fixing | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |



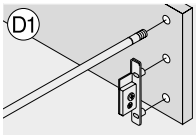

| | TANDEMBOX intivo front fixing<br>8 spindle drilling head | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.880S |
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 2 x | M01.ZB10.03 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |




| | TANDEMBOX antaro \| TANDEMBOX plus front fixing with gallery<br>8 spindle drilling head | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.880S |
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 3 x | M01.ZB10.03 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |



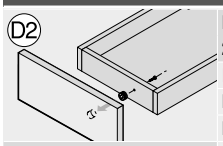

| | METABOX front fixing | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 2 x | M01.ZB10.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| | Insertion ram, front fixing bracket ZSF.1300 \| 1800 | 1 x | MZM.0092.01 |
| | Insertion ram, front fixing bracket ZSF.1610 | 1 x | MZM.0093.02 |



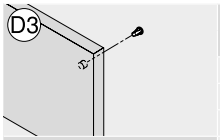

| | METABOX front fixing with gallery<br>8 spindle drilling head | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.880S |
| | Drill bit, 10 x 57 mm, right hand | 4 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, right hand | 2 x | M01.ZB02.D2 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |



## MINIPRESS P | MINIPRESS M

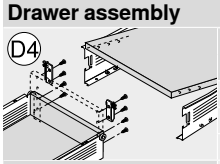



| | MOVENTO- \| TANDEM front adjuster 295.1000 | Quantity required | Part no. |
|---|---|---|---|
| | Fittings drill bit, 20 x 57 mm, right hand | 1 x | M01.ZB20.02 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS P | Insertion ram, front adjuster 295.1000 | 1 x | MZM.0095 |
| MINIPRESS M | | | |



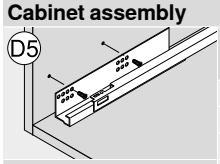

| | Blum distance bumper | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 8 x 57 mm, right hand | 1 x | M01.ZB08.02 |
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| MINIPRESS P | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| MINIPRESS M | | | |

### Drawer assembly

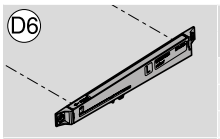



| | Base \| back | Quantity required | Part no. |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |

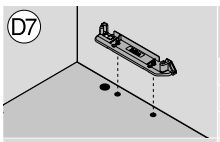
### Cabinet assembly




| | Cabinet profiles 8 spindle drilling head | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.880S |
| | Drill bit, 5 x 57 mm, right hand | 2 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, right hand | 2 x | M01.ZB02.D2 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, left hand | 2 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 5 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 5 x | MZS.2000 |

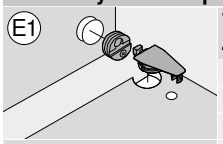



| | BLUMOTION for METABOX | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 8, drilling | 1 x | MZK.880S |
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 1 x | M01.ZB05.03 |
| MINIPRESS P | Drill bit with roof tip, 2.5 x 57 mm, right hand | 1 x | M01.ZB02.D2 |
| MINIPRESS M | Drill bit with roof tip, 2.5 x 57 mm, left hand | 1 x | M01.ZB02.D3 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |




| | SERVO-DRIVE bracket profile attachment | Quantity required | Part no. |
|---|---|---|---|
| | Drilling head, number of spindles 9, drilling | 1 x | MZK.190S |
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| MINIPRESS P | Fittings drill bit, 25 x 57 mm, right hand | 1 x | M01.ZB25.02 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |

### Assembly – further products

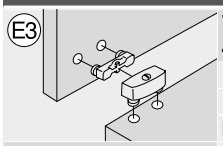



| | Vertical cabinet connectors 40.0110N \| 40.0620 \| 40.0200 \| 42.0700 | Quantity required | Part no. |
|---|---|---|---|
| | Fittings drill bit, 28 x 57 mm, right hand | 1 x | M01.ZB28.02 |
| | Fittings drill bit, 25 x 57 mm, right hand | 1 x | M01.ZB25.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| MINIPRESS P | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| MINIPRESS M | Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |
| | Insertion ram, connector housing 40.0200 \| 40.0600 \| 40.0700 | 1 x | MZM.0070 |
| | Insertion ram, connector 40.0600 | 1 x | MZM.0071 |
| | Insertion ram, connector 42.07 | 1 x | MZM.0077 |

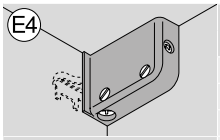




## MINIPRESS P | MINIPRESS M

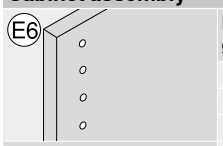



| | **Vertical cabinet connectors 40.2110 \| 40.2120.02** | **Quantity required** | **Part no.** |
|---|---|---|---|
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Narrow swivel stop for positioning between others, right | 2 x | MZS.2000 |
| **MINIPRESS P** | Narrow swivel stop for positioning between others, left hand | 2 x | MZS.2000 |
| **MINIPRESS M** | | | |

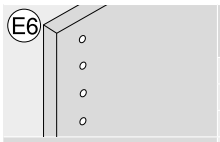



| | **Wall hanging bracket 48N0610.02 \| 48N0610.03** | **Quantity required** | **Part no.** |
|---|---|---|---|
| | Drill bit, 10 x 57 mm, right hand | 1 x | M01.ZB10.02 |
| | Drill bit, 10 x 57 mm, left hand | 1 x | M01.ZB10.03 |
| | Narrow swivel stop for positioning between others, right | 1 x | MZS.2000 |
| **MINIPRESS P** | Narrow swivel stop for positioning between others, left hand | 1 x | MZS.2000 |
| **MINIPRESS M** | Insertion ram, wall hanging bracket 48N0610 | 1 x | MZM.0078 |

### Cabinet assembly




| | **Line drilling 9 spindle drilling head** | **Quantity required** | **Part no.** |
|---|---|---|---|
| | Drilling head, number of spindles 9, drilling | 1 x | MZK.190S |
| | Drill bit, 5 x 57 mm, right hand | 4 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 5 x | M01.ZB05.03 |
| **MINIPRESS P** | Drill bit, 3 x 57 mm, right hand | 4 x | M01.ZB03.02 |
| **MINIPRESS M** | Drill bit, 3 x 57 mm, left hand | 5 x | M01.ZB03.03 |
| | Narrow swivel stop for positioning between others, right | 11 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 11 x | MZS.2000 |




| | **Line drilling 3 spindle drilling head** | **Quantity required** | **Part no.** |
|---|---|---|---|
| | Drill bit, 5 x 57 mm, right hand | 1 x | M01.ZB05.02 |
| | Drill bit, 5 x 57 mm, left hand | 2 x | M01.ZB05.03 |
| | Drill bit, 3 x 57 mm, right hand | 1 x | M01.ZB03.02 |
| **MINIPRESS P** | Drill bit, 3 x 57 mm, left hand | 2 x | M01.ZB03.03 |
| **MINIPRESS M** | Narrow swivel stop for positioning between others, right | 10 x | MZS.2000 |
| | Narrow swivel stop for positioning between others, left hand | 10 x | MZS.2000 |

## PRO-CENTER | MINIPRESS PRO | MINIPRESS P | MINIPRESS M

### Order information

### Insertion rams

| | | Description | Part no. | PRO-CENTER | MINIPRESS PRO | MINIPRESS P | MINIPRESS M |
|---|---|---|---|---|---|---|---|
| J1 |  | Insertion ram, furniture hinges, all opening angles – except mini-hinge | MZM.0040 | • | • | • | • |
| J2 |  | Insertion ram, horizontal zinc mounting plates 177H51x0 | MZM.0050 | • | • | • | • |
| J3 |  | Insertion ram, horizontal steel mounting plates 177H31x0 | MZM.0053 | • | • | • | • |
| J4 |  | Insertion ram, mounting plates 174H71xx | MZM.0061.01 | • | • | • | • |
| J5 |  | Insertion ram, front fixing bracket ZSF.1300 \| 1800 | MZM.0292.01 | • | • | | |
| J6 |  | Insertion ram, front fixing bracket ZSF.1300 \| 1800 | MZM.0092.01 | | | • | • |
| J7 |  | Insertion ram, front fixing bracket ZSF.1610 | MZM.0093.02 | | | • | • |
| J8 |  | Insertion ram, front adjuster 295.1000 | MZM.0095 | • | • | • | • |
| J9 |  | Insertion ram, wall hanging bracket 48N0610 | MZM.0078 | • | • | • | • |
| J10 |  | Insertion ram, connector housing 40.0200 \| 40.0600 \| 40.0700 | MZM.0070 | • | • | • | • |
| J11 |  | Insertion ram, connector 40.0600 | MZM.0071 | • | • | • | • |
| J12 |  | Insertion ram, connector 42.07 | MZM.0077 | • | • | • | • |

### Drill

| | | Description | Part no. | PRO-CENTER | MINIPRESS PRO | MINIPRESS P | MINIPRESS M |
|---|---|---|---|---|---|---|---|
| K1 |  | Drill bit with roof tip, 2.5 x 57 mm, left hand | M01.ZB02.D3 | • | • | • | • |
| K2 |  | Drill bit with roof tip, 2.5 x 57 mm, right hand | M01.ZB02.D2 | • | • | • | • |
| K3 |  | Drill bit, 3 x 57 mm, left hand | M01.ZB03.03 | • | • | • | • |
| K4 |  | Drill bit, 3 x 57 mm, right hand | M01.ZB03.02 | • | • | • | • |
| K5 |  | Drill bit, 5 x 57 mm, left hand | M01.ZB05.03 | • | • | • | • |
| K6 |  | Drill bit, 5 x 57 mm, right hand | M01.ZB05.02 | • | • | • | • |
| K7 |  | Drill bit with roof tip, 5 x 57 mm, left hand | M01.ZB05.D3 | • | • | • | • |
| K8 |  | Drill bit with roof tip, 5 x 57 mm, right hand | M01.ZB05.D2 | • | • | • | • |
| K9 |  | Drill bit, 8 x 57 mm, left hand | M01.ZB08.03 | • | • | • | • |
| K10 |  | Drill bit, 8 x 57 mm, right hand | M01.ZB08.02 | • | • | • | • |
| K11 |  | Drill bit without tip, 8 x 57 mm, left hand | M01.ZB08.OS | • | • | • | • |
| K12 |  | Drill bit, 10 x 57 mm, left hand | M01.ZB10.03 | • | • | • | • |
| K13 |  | Drill bit, 10 x 57 mm, right hand | M01.ZB10.02 | • | • | • | • |
| K14 |  | Fittings drill bit, 20 x 57 mm, left hand | M01.ZB20.03 | • | • | • | • |
| K15 |  | Fittings drill bit, 20 x 57 mm, right hand | M01.ZB20.02 | • | • | • | • |
| K16 |  | Fittings drill bit, 25 x 57 mm, right hand | M01.ZB25.02 | • | • | • | • |
| K17 |  | Fittings drill bit, 26 x 57 mm, right hand | M01.ZB26.02 | • | • | • | • |
| K18 |  | Fittings drill bit, 28 x 57 mm, right hand | M01.ZB28.02 | • | • | • | • |
| K19 |  | Fittings drill bit, 35 x 57 mm, right hand | M01.ZB35.02 | • | • | • | • |

## PRO-CENTER | MINIPRESS PRO | MINIPRESS P | MINIPRESS M

### Order information

#### Drill

| | | Description | Part no. | PRO-CENTER | MINIPRESS PRO | MINIPRESS P | MINIPRESS M |
|---|---|---|---|---|---|---|---|
| K20 |  | Fittings drill bit without tip, 35 x 57 mm, right hand | M01.ZB35.OS | • | • | • | • |

#### Drill bit – horizontal drilling machine

| | | Description | Part no. | PRO-CENTER | MINIPRESS PRO | MINIPRESS P | MINIPRESS M |
|---|---|---|---|---|---|---|---|
| L1 |  | Drill bit, 5 x 77 mm, right hand | M65.ZB05.02 | • | | | |
| L2 |  | Drill bit, 8 x 77 mm, left hand | M65.ZB08.03 | • | | | |
| L3 |  | Drill bit, 8 x 77 mm, right hand | M65.ZB08.02 | • | | | |
| L4 |  | Drill bit, 10 x 77 mm, left hand | M65.ZB10.03 | • | | | |
| L5 |  | Drill bit, 10 x 77 mm, right hand | M65.ZB10.02 | • | | | |

### Page instructions


| | | | |
|---|---|---|---|
| Overview – drilling and insertion machines overview | 597 | MINIPRESS PRO | 606 |
| | | MINIPRESS P | 618 |
| Overview – assembly possibilities | 598 | MINIPRESS M | 622 |
| Assembly possibilities | 610 | | |
| PRO-CENTER | 602 | | |

## Proven technology for increased assembly ease



**Assembly devices**
Our practical assembly devices tailored to your needs enable optimal assembly of Blum box systems even in smaller production runs.

Our assembly devices are designed to provide you with optimal assembly support; they are easy to operate, durable and user-friendly.

## Assembly devices



**BOXFIX P**
Easy handling and effective set-up for LEGRABOX and TANDEMBOX



**BOXFIX E-L**
The straightforward assembly for LEGRABOX



**BOXFIX E-T**
The straightforward assembly for TANDEMBOX

# Assembly devices

| Description | Part no. | Page | Assembly possibilities | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AVENTOS | AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL | LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM | STANDARD | Further products |
| ►► Drawer assembly | | | | | | | | | | | | | | | | | | | |
|  BOXFIX P | ZMM.2750.01 | 636 | | | | | | | ● | ● | ● | ● | ● | | | | | |
|  BOXFIX E-L | ZMM.0700 | 637 | | | | | | | ● | ● | | | | | | | | |
|  BOXFIX E-T | ZMM.0350 | 638 | | | | | | | | | ● | ● | ● | | | | | |

**Pictograph**

- Item Available Upon Request
- Accessories
- General Information
- Drawer assembly

## BOXFIX P



Symbolic image

- Pneumatic device for assembling drawers and high fronted pull-outs
- Assembly type: screw-on
- Nominal length NL 270–650 mm
- Cabinet width KB 275–1200 mm
- Back heights up to 250 mm (wood and steel)
- Material: aluminium/steel

### Assembly possibilities

LEGRABOX pure
LEGRABOX free
TANDEMBOX intivo
TANDEMBOX antaro
TANDEMBOX plus

### Page instructions

Overview – assembly devices 635

**Application video**

Short-URL
www.blum.com/O9BYv

### Order information

| | Description | Part no. |
|---|---|---|
| | BOXFIX P | ZMM.2750.01 |

**Composed of:**

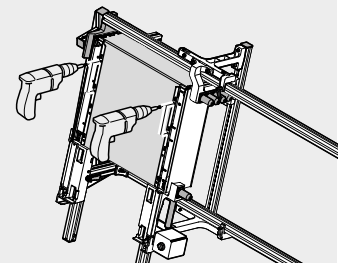
– 1 x BOXFIX P
– 1 x Centre bit

### a Accessories

| | | |
|---|---|---|
|  | Width stop (T-nut) | ZMM.2759 |
|  | Centre bit | M01.ZZ03.01 |

### Assembly possibilities

**LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus**



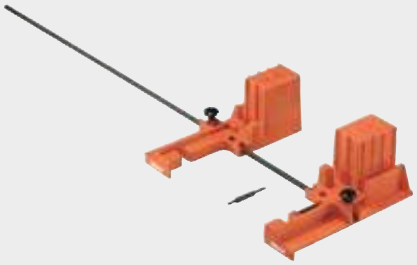
**Drawer Assembly**

- Set nominal length and pull-out width; you can pre-set recurring settings using the extra width stop (T-nut)
- Attach drawer back (wooden) with back fixings
- Insert drawer base, sides and back into BOXFIX and fit together pneumatically
- Screw on drawer base to drawer sides





## BOXFIX E-L



Symbolic image

- Assembly device for drawers and high fronted pull-outs
- Assembly type: screw-on
- Nominal length NL 270–650 mm
- Cabinet width KB 250–1200 mm
- Back heights up to 250 mm
- Material: nylon/steel
- BOXFIX for drawer base thicknesses of 18 mm on request

### Assembly possibilities

LEGRABOX pure
LEGRABOX free

### Page instructions

Overview – assembly devices 635

**Application video**

Short-URL
www.blum.com/26qCmt

### Order information

| | Description | Part no. |
|---|---|---|
| | BOXFIX E-L | ZMM.0700 |
| **Composed of:** | | |
| – | 1 x BOXFIX E-L | |
| – | 1 x Centre bit | |

| | Description | Part no. |
|---|---|---|
| | Starter kit | ZMM.0700*20 |
| **Composed of:** | | |
| – | 1 x BOXFIX E-L | |
| – | 1 x Centre bit | |
| – | 1 x Drilling template for LEGRABOX base \| back | |
| – | 1 x Drilling depth spacer Ø 2.5 mm | |
| – | 1 x TORX screwdriver | |

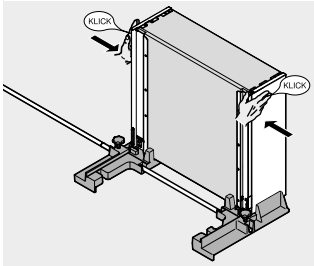
### a Accessories



Centre bit M01.ZZ03.01

### Assembly possibilities

#### LEGRABOX pure | LEGRABOX free




**Drawer Assembly**

- Set nominal length and pull-out width
- Attach drawer back (wooden) with back fixings
- Insert and secure drawer back, base and sides in BOXFIX
- Screw on drawer base to drawer sides

## BOXFIX E-T



Symbolic image

- Assembly device for drawers and high fronted pull-outs
- Assembly type: screw-on
- Nominal length NL 270–650 mm
- Cabinet width KB 250–1200 mm
- Back heights up to 250 mm
- Material: nylon/steel
- BOXFIX for drawer base thicknesses of 18 mm on request

### Assembly possibilities

TANDEMBOX intivo
TANDEMBOX antaro
TANDEMBOX plus

### Page instructions

Overview – assembly devices 635

**Application video**

Short-URL
www.blum.com/ZLrYk

### Order information

| Description | Part no. |
|---|---|
| BOXFIX E-T | ZMM.0350 |

**Composed of:**

– 1 x BOXFIX E-T
– 1 x Centre bit

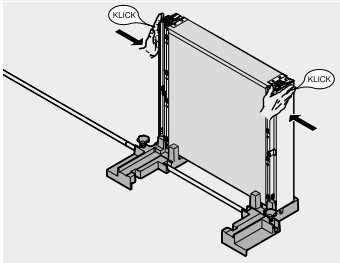
### a Accessories



Centre bit M01.ZZ03.01

### Assembly possibilities

**TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus**




**Drawer Assembly**

- Set nominal length and pull-out width
- Attach drawer back (wooden) with back fixings
- Insert and secure drawer back, base and sides in BOXFIX
- Screw on drawer base to drawer sides

## Perfect motion requires precise assembly

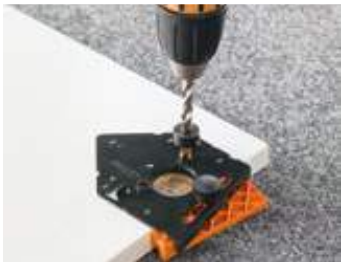


**Templates**
Blum templates and jigs support the assembly of all Blum products. They have proven to be the very best aids when it comes to day-to-day assembly. Their combination of high precision and practical benefits is valued both in workshops and directly on-site with the customer.

## Templates and jigs



Fixing positions, for example, can be safely and precisely punched and pre-drilled with the universal drilling template



Drillings in Blum hinge drilling patterns can, for example, be efficiently executed using the drilling template for hinges



Fixing positions for cabinet profiles, for example, can be precisely transferred using the universal rod template

## Optimal assembly devices for all of our products



Lift systems



Hinge systems



Box and runner systems



Further products

# Assembly devices

## ►► Overview

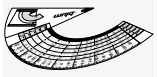

Symbolic image

►► Overview – templates 642
►► Overview – assembly possibilities 644

## Pictograph

- Item Available Upon Request
- Accessories
- General Information
- Assembly – lift systems
- Assembly – hinge systems
- Assembly – BLUMOTION for doors
- Assembly – TIP-ON for doors
- Assembly – SERVO-DRIVE
- Drawer assembly
- Front assembly
- Cabinet assembly

| Description | Part no. | Page | Assembly possibilities | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AVENTOS | AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL | LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM | STANDARD | Further products |
| **►► Drilling templates** | | | | | | | | | | | | | | | | | | |
|  ECODRILL | M31.1000 | 648 | | ● | ● | ● | ● | ● | | | | | | | | | | |
|  Drilling template for hinges | 65.05xA | 649 | | ● | ● | ● | ● | ● | | | | | | | | | | |
|  Template | 65.5300* | 650 | | ● | ● | ● | ● | ● | | | | | | | | | | |
|  Drilling template for mounting plates | 65.5070 | 651 | | ● | ● | ● | ● | ● | | | | | | | | | | |
|  Drilling template for BLUMOTION \| TIP-ON | 65.5010 | 652 | ● | | | | ● | | | | | | | | | | | |
|  Drilling template for BLUMOTION | 65.5000 | 653 | | | | ● | ● | ● | | | | | | | | | | |
|  Drilling template for the SERVO-DRIVE switch | M31.2000 | 654 | ● | ● | | | | | | | | | | | | | | |
|  Drilling template for connectors | 65.5040 | 655 | | | | | | | | | | | | | | | | ● |
|  Universal individual template | 65.1051.02 | 656 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
|  MINIFIX | 65.3300 | 657 | | | | | | | | | | | | ● | | | ● | |
|  Universal drilling template | ZML.0040.01 | 658 | ● | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | | |
|  Drilling template for damper | ZML.1090 | 659 | ● | ● | | ● | ● | ● | ● | ● | ● | ● | ● | | ● | ● | | |
|  Base router | M35.7200.01 | 660 | | | | | | | ● | ● | | | | | | | | |
|  Drilling template for LEGRABOX base \| back | ZML.7000 | 661 | | | | | | | ● | ● | | | | | | | | |
|  Drilling template for MOVENTO \| TANDEM | T65.1000.02 | 662 | | | | | | | | | | | | | ● | ● | | |
|  Drilling template for TANDEM hook and peg variant | T65.1100 | 663 | | | | | | | | | | | | | | ● | | |
|  Drilling template for TANDEM front fixing | ZML.0050 | 664 | | | | | | | | | | | | | | ● | | |
|  Drilling template for SPACE CORNER with SYNCROMOTION | ZML.0330 | 665 | | | | | | | | | ● | ● | ● | | | | | |
|  Drilling template for SERVO-DRIVE bracket profile attachment | ZML.1150.02 | 666 | | | | | | | ● | ● | ● | ● | ● | | ● | ● | | |

| Description | Part no. | Page | Assembly possibilities | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AVENTOS | AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL | LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM | STANDARD | Further products |
| **▸▸ Gauge sets** | | | | | | | | | | | | | | | | | | |
|  Drilling template for hinge systems | 65.7500.03 | 667 | | ● | ● | ● | ● | ● | | | | | | | | | | |
|  Adhesion template for CRISTALLO glass door hinges | 65.4500 | 668 | | | | ● | ● | | | | | | | | | | | |
|  Universal drilling template | 65.1000.01 | 669 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| **▸▸ Insertion tool** | | | | | | | | | | | | | | | | | | |
|  Insertion tool for hinges | ZME.0710 | 670 | | | | ● | ● | ● | | | | | | | | | | |
|  Insertion tool for mounting plates | 65.6100 | 671 | | | | ● | ● | | | | | | | | | | | |
|  Insertion tool for pull-out systems | ZME.xxx0.xx | 672 | | | | | | | | | ● | ● | ● | ● | | | | |
| **▸▸ Marking templates** | | | | | | | | | | | | | | | | | | |
|  Positioning template for catch plate | 65.5210.01 | 673 | ● | | | | ● | | | | | | | | | | | |
|  Marking template for LEGRABOX | ZML.3710 | 674 | | | | | | | ● | ● | | | | | | | | |
|  Marking template for TANDEMBOX \| METABOX | ZML.x5x0.xx | 675 | | | | | | | | | ● | ● | ● | ● | | | | |
|  Marking template | 65.2950 | 676 | | | | | | | | | | | | | ● | ● | ● | |
| **▸▸ Marking templates** | | | | | | | | | | | | | | | | | | |
|  Universal marking template | 65.5340.01 | 677 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
|  Cabinet angle template | 65.5810.02 | 678 | | | | ● | ● | | | | | | | | | | | |
|  Marking template | ZML.80xx | 679 | | | | | | | | | | ● | ● | ● | | | | |
|  Marking template for CABLOXX front locking bracket | 65.080x | 680 | | | | | | | ● | ● | ● | ● | | | | | | |
| **▸▸ Positioning templates** | | | | | | | | | | | | | | | | | | |
|  Front gap template for LEGRABOX \| MOVENTO | 65.5631 | 681 | | | | | | | ● | ● | | | | | ● | | | |
|  Front gap template for TANDEMBOX | 65.5627 | 682 | | | | | | | | | ● | ● | ● | | | | | |
| **▸▸ Special templates** | | | | | | | | | | | | | | | | | | |
|  Cutting-to-size template for CABLOXX | 65.0801 | 683 | | | | | | | | | | | | | | | | ● |
|  Glass cutting set | 65.8000 | 684 | | | | | | | | ● | ● | ● | | | | | | |

# Assembly devices

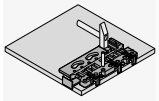
► Templates
►► Overview – assembly possibilities

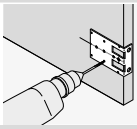
## Overview – assembly possibilities


| | | | | | |
|---|---|---|---|---|---|
| Assembly – AVENTOS | 644 | Assembly – TANDEMBOX intivo | 646 | Assembly – MOVENTO | 647 |
| Assembly – CLIP top BLUMOTION \| CLIP top | 644 | Assembly – TANDEMBOX antaro | 646 | Assembly – TANDEM | 647 |
| Assembly – MODUL | 645 | Assembly – TANDEMBOX plus | 646 | Assembly – STANDARD | 647 |
| Assembly – LEGRABOX pure \| LEGRABOX free | 645 | Assembly – METABOX | 646 | Assembly – further products | 647 |

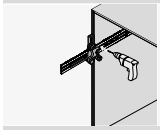

## Assembly – AVENTOS

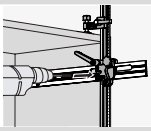
### Front assembly

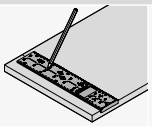

Universal drilling template 658


Template 650

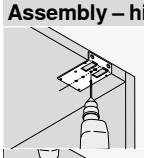
### Cabinet assembly

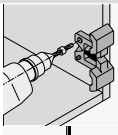

Universal individual template 656

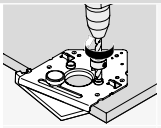

Universal drilling template 669

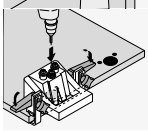

Universal marking template 677

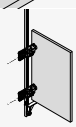
### Assembly – hinge systems

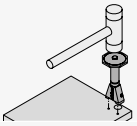

Template 650

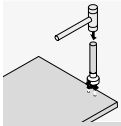

Drilling template for mounting plates 651

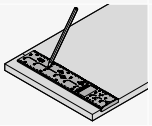

Drilling template for hinges 649


ECODRILL 648

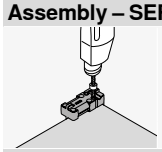

Drilling template for hinge systems 667

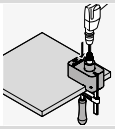

Insertion tool for hinges 670


Insertion tool for mounting plates 671

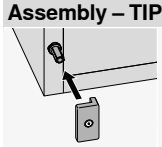

Universal marking template 677

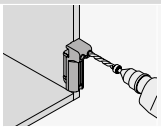
### Assembly – SERVO-DRIVE


Drilling template for damper 659


Drilling template for the SERVO-DRIVE switch 654

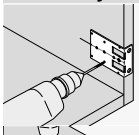
### Assembly – TIP-ON

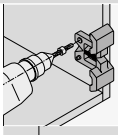

Positioning template for catch plate 673

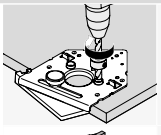

Drilling template for BLUMOTION \| TIP-ON 652

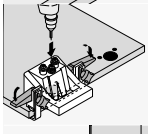
## Assembly – CLIP top BLUMOTION | CLIP top

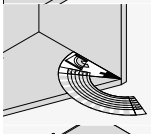
### Assembly – hinge systems

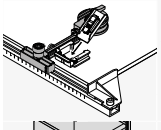

Template 650

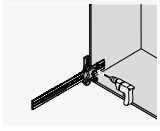

Drilling template for mounting plates 651

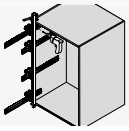

Drilling template for hinges 649

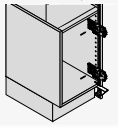

ECODRILL 648


Cabinet angle template 676


Adhesion template for CRISTALLO glass door hinges 668

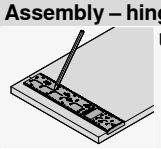

Universal individual template 656

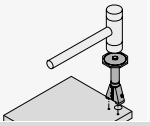

Universal drilling template 669

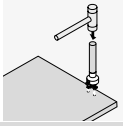

Drilling template for hinge systems 667

## Assembly – CLIP top BLUMOTION | CLIP top

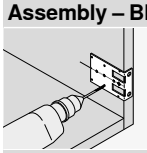
### Assembly – hinge systems

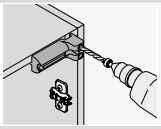

Universal marking template 677

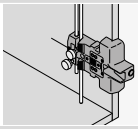

Insertion tool for hinges 670


Insertion tool for mounting plates 671

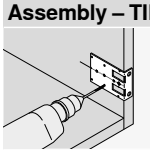
### Assembly – BLUMOTION

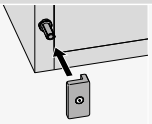

Template 650

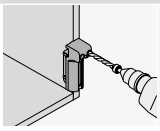

Drilling template for BLUMOTION | TIP-ON 652


Drilling template for BLUMOTION 653

### Assembly – TIP-ON

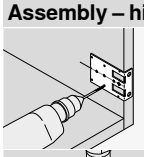

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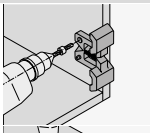

Positioning template for catch plate 673

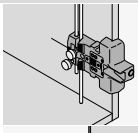

Drilling template for BLUMOTION | TIP-ON 652

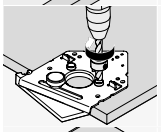
## Assembly – MODUL

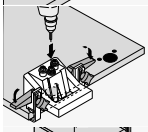
### Assembly – hinge systems

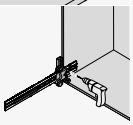

Template 650

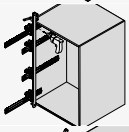

Drilling template for mounting plates 651

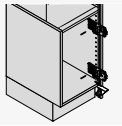

Drilling template for BLUMOTION 653

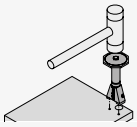

Drilling template for hinges 649

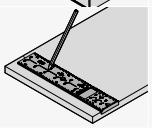

ECODRILL 648


Universal individual template 656


Universal drilling template 669

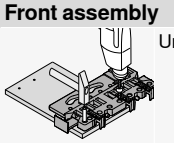

Drilling template for hinge systems 667

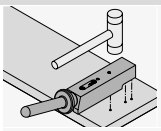

Insertion tool for hinges 670

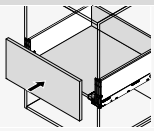

Universal marking template 677

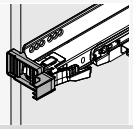
## Assembly – LEGRABOX pure | LEGRABOX free

### Front assembly

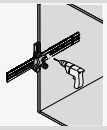

Universal drilling template 658

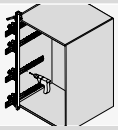

Insertion tool for pull-out systems 672


Marking template for LEGRABOX 674


Front gap template for LEGRABOX 681

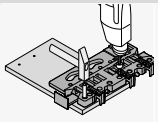
### Cabinet assembly

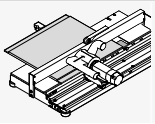

Universal individual template 656

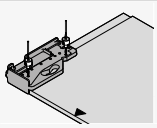

Universal drilling template 669

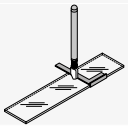

Universal marking template 677

### Drawer assembly


Universal drilling template 658


Base router 660


Drilling template for LEGRABOX base | back 661

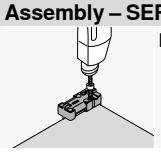

Glass cutting set 684

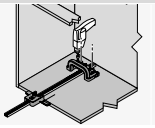
# Assembly devices

► Templates
►► Overview – assembly possibilities

## Assembly – LEGRABOX pure | LEGRABOX free

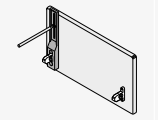
### Assembly – SERVO-DRIVE

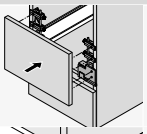

Drilling template for damper
659

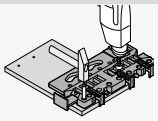

Drilling template for SERVO-DRIVE bracket profile attachment
666

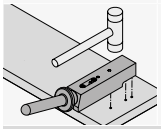
## Assembly – TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus

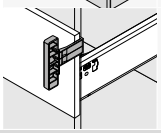
### Front assembly


Marking template
679

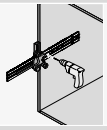

Marking template for TANDEMBOX | METABOX
675

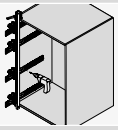

Universal drilling template
658

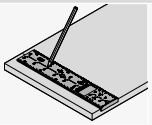

Insertion tool for pull-out systems
672


Front gap template for TANDEMBOX
682

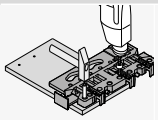
### Cabinet assembly

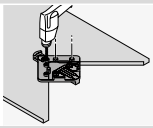

Universal individual template
656

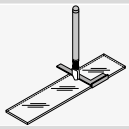

Universal drilling template
669


Universal marking template
677

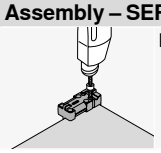
### Drawer assembly

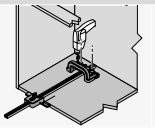

Universal drilling template
658


Drilling template for SPACE CORNER with SYNCROMOTION
665


Glass cutting set
684

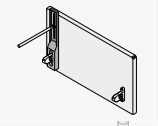
### Assembly – SERVO-DRIVE

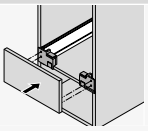

Drilling template for damper
659

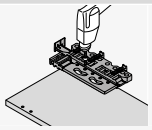

Drilling template for SERVO-DRIVE bracket profile attachment
666

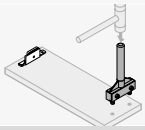
## Assembly – METABOX

### Front assembly

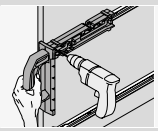

Marking template
679

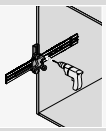

Marking template for TANDEMBOX | METABOX
675

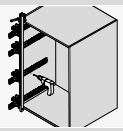

Universal drilling template
658


Insertion tool for pull-out systems
672

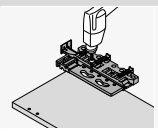
### Cabinet assembly


MINIFIX
657


Universal individual template
656

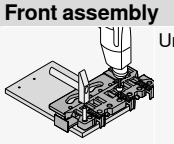

Universal drilling template
669

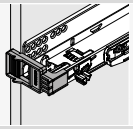
### Drawer assembly


Universal drilling template
658

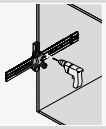
## Assembly – MOVENTO | TANDEM

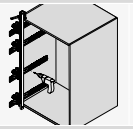
### Front assembly

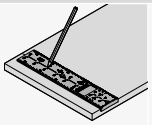

Universal drilling template
658


Front gap template for MOVENTO
681

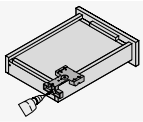
### Cabinet assembly

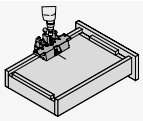

Universal individual template
656

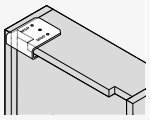

Universal drilling template
669

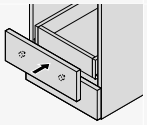

Universal marking template
677

### Drawer assembly

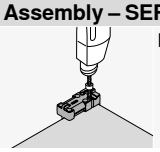

Drilling template for MOVENTO | TANDEM
662

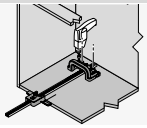

Drilling template for TANDEM hook and peg variant
663


Drilling template for TANDEM front fixing
664


Marking template
676

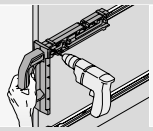
### Assembly – SERVO-DRIVE

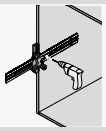

Drilling template for damper
659

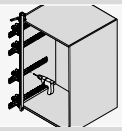

Drilling template for SERVO-DRIVE bracket profile attachment
666

## Assembly – STANDARD

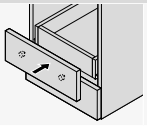
### Cabinet assembly


MINIFIX
657


Universal individual template
656

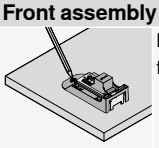

Universal drilling template
669

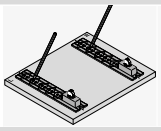
### Drawer assembly


Marking template
676

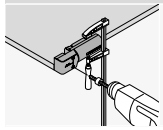
## Assembly – further products

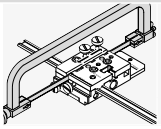
### Front assembly


Marking template for CABLOXX front locking bracket
680


Marking template for CABLOXX front locking bracket
680

### Cabinet assembly


Drilling template for connectors
655


Cutting-to-size template for CABLOXX
683



## ECODRILL



Symbolic image

- Simple hand held tool to drill accurate hole patterns for Blum hinges
- Driven by hand drill
- Variable drilling distance (2–8 mm)
- Assembly on a marking line
- Material: aluminium die casting

### Assembly possibilities

AVENTOS HF
AVENTOS HK-XS
CLIP top BLUMOTION
CLIP top
MODUL

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/1SeQww

### Order information

| | Description | Part no. |
|---|---|---|
|  | ECODRILL | M31.1000 |

**Composed of:**

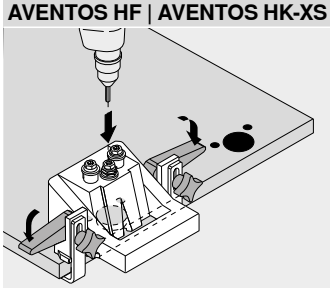
- 1 x Drilling template
- 2 x Drill bit Ø 8 mm
- 1 x Fittings drill bit Ø 35 mm
- 2 x TORX bit
- 2 x Spacing rings

### a Accessories

| Description | | Part no. |
|---|---|---|
|  | Drill bit Ø 8 mm | M31.ZB08.02 |
|  | Fittings drill bit Ø 35 mm | M31.ZB35.02 |
|  | Tool set | MZW.1300 |
|  | Clip-on part for bi-fold hinge | M31.1900 |

### Assembly possibilities

**AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL**



**Hinge system assembly**

- Adjust drilling distance setting
- Mark desired hinge position
- Position ECODRILL on marking line and fix with clamping lever
- Drill hinge drilling pattern using hand drill

## Drilling template for hinges



Symbolic image

- Template for drilling the side fixing positions for hinges (Ø 8 and/or Ø 2.5 mm)
- Template for pre-drilling the fixing positions for the horizontal and cruciform mounting plates
- Template for pre-drilling the fixing positions for adapter plates (BLUMOTION | TIP-ON for doors)
- Assembly on a marking line
- Material: nylon/steel

### Assembly possibilities

AVENTOS HF
AVENTOS HK-XS
CLIP top BLUMOTION
CLIP top
MODUL

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/1Be6q5

### Order information



| Description | Part no. |
|---|---|
| Drilling template for hinges (Ø 8 mm \| Ø 2.5 mm) | 65.059A |

**Composed of:**

- 1 x Drilling template for hinges
- 1 x Reducing bush Ø 8 to Ø 2.5 mm
- 1 x Drilling depth stop Ø 8 mm



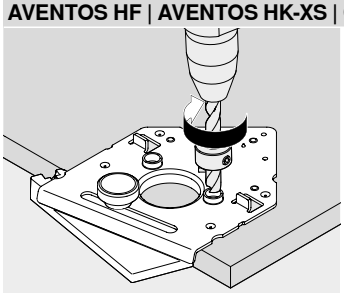
| Description | Part no. |
|---|---|
| Drilling template for hinges (Ø 2.5 mm) | 65.055A |

**Composed of:**

- 1 x Drilling template for hinges

### Assembly possibilities

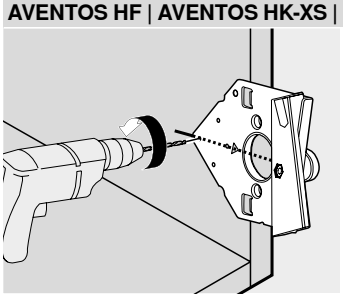
**AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL**



**Hinge system assembly – Door**

- Perform boss drilling (Ø 35 mm) e.g. using a pillar drill
- Position template and fix with a spacer
- Drill side holes for hinges

**AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL**



**Hinge system assembly – Cabinet**

- Mark hinge arm centre
- Attach template and pre-drill fixing positions for inline (20 mm) or cruciform mounting plates (37 mm)



## Template



Symbolic image

- Template for drilling the fixing positions for mounting plates (Ø 2.5 mm)
- Template for pre-drilling the fixing positions for adapter plates (BLUMOTION | TIP-ON for doors)
- If mounting plate fixing positions are standard throughout, then it is possible to fix several templates to a wooden strip
- Assembly on a marking line
- Material: steel

### Assembly possibilities

| |
|---|
| AVENTOS HF |
| AVENTOS HK |
| AVENTOS HK-S |
| AVENTOS HK-XS |
| CLIP top BLUMOTION |
| CLIP top |
| MODUL |

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |

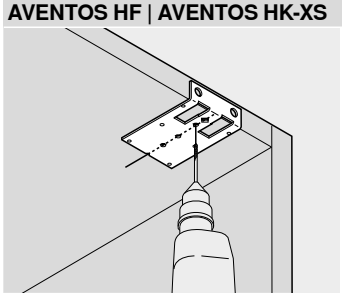

**Short-URL**
www.blum.com/1ImlaP

### Order information

| | Description | Part no. |
|---|---|---|
|  | Template | 65.5300* |
| **Composed of:** | | |
| – | 1 x Template | |

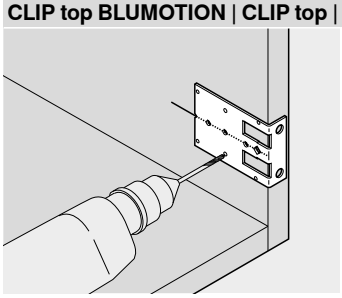
### Assembly possibilities

#### AVENTOS HF | AVENTOS HK-XS



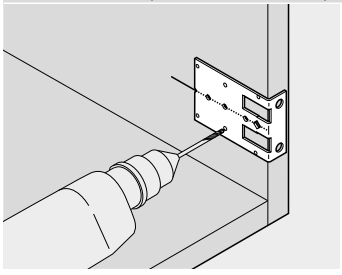
**Hinge system assembly**
- Mark hinge arm centre or hinge arm outside edges in the cabinet or on the front (AVENTOS HF)
- Attach template and pre-drill fixing positions for inline (20 mm) or cruciform mounting plates (37 mm)

#### CLIP top BLUMOTION | CLIP top | MODUL



**Hinge system assembly**
- Mark hinge arm centre or hinge arm outside edges in the cabinet or on the front (AVENTOS HF)
- Attach template and pre-drill fixing positions for inline (20 mm) or cruciform mounting plates (37 mm)

#### AVENTOS HK | AVENTOS HK-S | AVENTOS HK-XS | CLIP top



**BLUMOTION | TIP-ON assembly**
- Position template on marking line
- Drill holes for BLUMOTION | TIP-ON adapter plate (20 | 37 mm)



## Drilling template for mounting plates



Symbolic image

- Template for drilling the fixing positions for cruciform mounting plates (Ø 5 mm)
- Template for drilling the fixing positions for cruciform mounting plates (BLUMOTION | TIP-ON for doors)
- The aligning function allows you to drill the 32 mm dimension exactly
- Assembly on a marking line
- Material: nylon/steel

### Assembly possibilities

AVENTOS HF
AVENTOS HK-XS
CLIP top BLUMOTION
CLIP top
MODUL

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/uiJko

### Order information

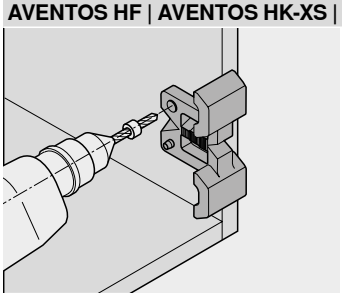
| | Description | Part no. |
|---|---|---|
|  | Drilling template for mounting plates | 65.5070 |

**Composed of:**

– 1 x Drilling template for mounting plates
– 1 x Drilling depth spacer Ø 5 mm

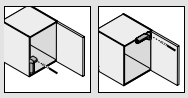
### Assembly possibilities

**AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL**



**Hinge system assembly**

- Mark hinge arm centre or hinge arm outside edges in the cabinet or on the front (AVENTOS HF)
- Position template on marking line and drill first hole (Ø 5 mm)
- Turn template around, insert positioning pin into drilling hole and drill second hole (Ø 5 mm)



## Drilling template for BLUMOTION | TIP-ON



Symbolic image

- Template for drilling the side fixing positions for BLUMOTION for doors handle side (970.1002) and hinge side (970A1002) as well as for TIP-ON (956x1004)
- Assembly on a marking line
- Material: nylon/steel

### Assembly possibilities

AVENTOS HK
AVENTOS HK-S
AVENTOS HK-XS
CLIP top

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

**Short-URL**
www.blum.com/1ZmwA8

### Order information

| | Description | Part no. |
|---|---|---|
|  | Drilling template for BLUMOTION \| TIP-ON | 65.5010 |

**Composed of:**
– 1 x Drilling template for BLUMOTION | TIP-ON
– 1 x Drilling depth spacer Ø 10 mm

### Assembly possibilities

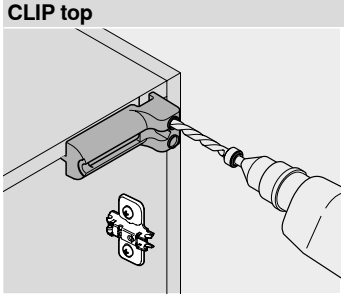
**AVENTOS HK | AVENTOS HK-S | AVENTOS HK-XS | CLIP top**



**TIP-ON assembly**

- Position template on marking line
- Distance from cabinet inner side to centre drilling 7.5 mm
- Perform drilling for TIP-ON (Ø 10 mm)

**CLIP top**



**BLUMOTION assembly**

- Position template on marking line
- Distance from cabinet inner side to centre drilling 7.5 mm
- Perform drilling for BLUMOTION (Ø 10 mm)

# Drilling template for BLUMOTION



Symbolic image

- Template for drilling the side fixing positions for BLUMOTION for doors handle side (970.1002) as well as for TIP-ON for doors (956x1004)
- Template for pre-drilling the fixing positions for adapter plates (BLUMOTION | TIP-ON for doors)
- Template for drilling mounting plates
- You can pre-set repeating drilling positions using the stop rod
- Assembly on a marking line
- Material: nylon/steel

## Assembly possibilities

CLIP top BLUMOTION
CLIP top
MODUL

## Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/cKQqy

## Order information

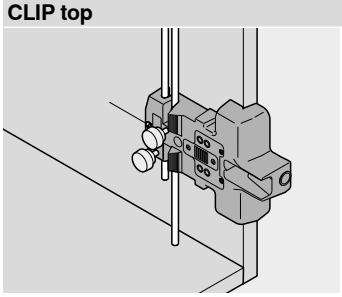
| | Description | Part no. |
|---|---|---|
|  | Drilling template for BLUMOTION | 65.5000 |

**Composed of:**

- 1 x Drilling template for BLUMOTION
- 1 x Drilling depth spacer Ø 10 mm
- 1 x Drilling depth spacer Ø 5 mm
- 1 x Drilling depth spacer Ø 2.5 mm

## Assembly possibilities

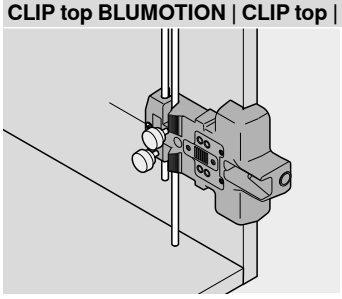
### CLIP top



**BLUMOTION | TIP-ON assembly**

- Position template on marking line
- You can pre-set repeating drilling positions using the stop rod
- Drillings for the BLUMOTION | TIP-ON adapter plate (Ø 2.5 and/or Ø 5 mm)
- Drill holes horizontally for BLUMOTION | TIP-ON

### CLIP top BLUMOTION | CLIP top | MODUL



**Hinge system assembly**

- Position template on marking line
- Drill holes for horizontal or cruciform mounting plate

## Drilling template for the SERVO-DRIVE switch



Symbolic image

- Simple hand-held tool for drilling accurate holes for the SERVO-DRIVE switch attachment
- Driven by hand drill
- Drilling template can be used with assembled and unassembled cabinets
- Assembly on a marking line
- Material: aluminium die casting

### Assembly possibilities

AVENTOS HF
AVENTOS HS
AVENTOS HL
AVENTOS HK

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/29CZin

### Order information

| | Description | Part no. |
|---|---|---|
|  | Drilling template for the SERVO-DRIVE switch | M31.2000 |

**Composed of:**

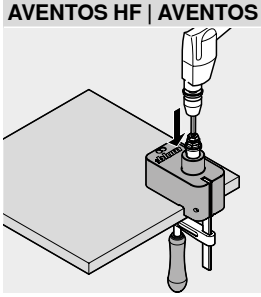
- 1 x Drilling template for the SERVO-DRIVE switch
- 1 x Fittings drill bit Ø 35 mm
- 2 x TORX bit

### a Accessories

| Description | | Part no. |
|---|---|---|
|  | Fittings drill bit Ø 35 mm | M31.ZB35.02 |

### Assembly possibilities

**AVENTOS HF | AVENTOS HS | AVENTOS HL | AVENTOS HK**



**SERVO-DRIVE assembly**

- Mark desired SERVO-DRIVE switch position
- Position template on marking line and fix with clamping screw
- Perform attachment drillings for the SERVO-DRIVE switch with the hand drill



## Drilling template for connectors



Symbolic image

- Template for drilling the side fixing positions for connectors (42.0700.01)
- Distance from bottom edge to centre drilling 9.5 mm
- Assembly on a marking line
- Material: nylon/steel

### Assembly possibilities

Further products

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


Short-URL
www.blum.com/2XGqs

### Order information

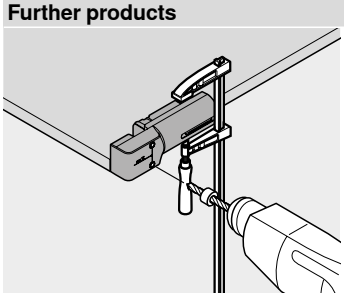
| | Description | Part no. |
|---|---|---|
|  | Drilling template for connectors | 65.5040 |

**Composed of:**

– 1 x Drilling template for connectors
– 1 x Drilling depth spacer Ø 5 mm

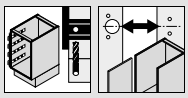
### Assembly possibilities

### Further products



**Further products assembly**

- Place the template flush on the cabinet bottom or top panel
- Secure template and drill (Ø 5 mm)



## Universal individual template



Symbolic image

- Template for pre-drilling the fixing positions for cabinet profiles, lift mechanisms, mounting and adapter plates
- The template can be used with assembled and unassembled cabinets
- Depth position setting using calibration
- Suitable for overlay and inset applications
- For system and chipboard screws
- Assembly on a marking line
- Material: nylon/steel/aluminium

### Assembly possibilities

| | |
|---|---|
| AVENTOS | MOVENTO |
| CLIP top BLUMOTION | TANDEM |
| CLIP top | STANDARD |
| MODUL | |
| LEGRABOX | |
| TANDEMBOX intivo | |
| TANDEMBOX antaro | |
| TANDEMBOX plus | |
| METABOX | |

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


**Application video**

**Short-URL**
**www.blum.com/FtGEO**

### Order information

| | Description | Part no. |
|---|---|---|
|  | Universal individual template | 65.1051.02 |

**Composed of:**

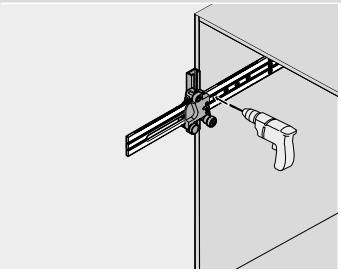
- 1 x Universal individual template
- 1 x Drilling depth spacer Ø 5 mm
- 1 x Reducing bush Ø 5 to Ø 2.5 mm
- 1 x Allen key

### a Accessories

| Description | | Part no. |
|---|---|---|
|  | Add-on for SPACE CORNER | 65.1107 |

### Assembly possibilities

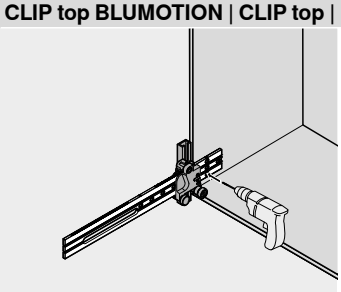
#### AVENTOS



**Cabinet assembly**

- Set template depth position using the calibration
- Position template in cabinet on marking line
- Pre-drill fixing positions for lift mechanism pegs

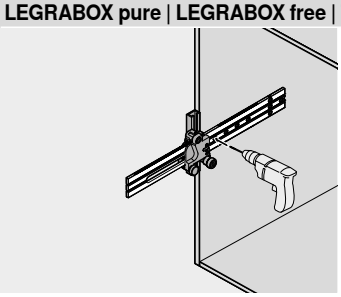
#### CLIP top BLUMOTION | CLIP top | MODUL



**Hinge system assembly**

- Set template depth position using the calibration
- Position template on marking line
- Pre-drill fixing positions for mounting and adapter plates (BLUMOTION | TIP-ON for doors)

#### LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM | STANDARD



**Cabinet assembly**

- Set template depth position using the calibration
- Position template on marking line
- Pre-drill fixing positions for cabinet profiles
- Pre-drill fixing positions for BLUMOTION for METABOX
- The additional part (65.1107) enables SPACE CORNER assembly

# MINIFIX



Symbolic image

- Template for precise positioning of cabinet profile fixing screws
- Assembly on a marking line
- Material: nylon

## Assembly possibilities

METABOX
STANDARD

## Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/1wLT0f

## Order information

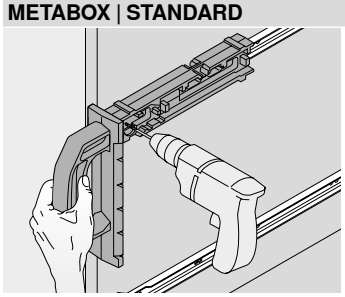
| | Description | Part no. |
|---|---|---|
| | MINIFIX | 65.3300 |
| **Composed of:** | | |
| – | 1 x MINIFIX | |

## a Accessories

| Description | Part no. |
|---|---|
| Centre bit | M01.ZZ03.01 |

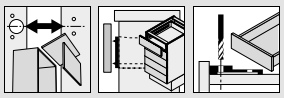
## Assembly possibilities

### METABOX | STANDARD



**Cabinet assembly**

- Mark cabinet profile height position
- Clip cabinet profile on to MINIFIX
- Position MINIFIX on marking line
- Screw on cabinet profile (pre-drilling with centre bit M01.ZZ03.01 recommended)



## Universal drilling template



Symbolic image

- For marking or pre-drilling the fixing positions of front fixings including gallery, drawer back and base (only METABOX quick assembly version C15) as well as for AVENTOS front fixings
- Stop setting via the calibration
- Material: nylon/steel

### Assembly possibilities

| |
|---|
| AVENTOS |
| LEGRABOX pure |
| LEGRABOX free |
| TANDEMBOX intivo |
| TANDEMBOX antaro |
| TANDEMBOX plus |
| METABOX |
| MOVENTO |
| TANDEM |

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


Short-URL
www.blum.com/cSAMF

### Order information

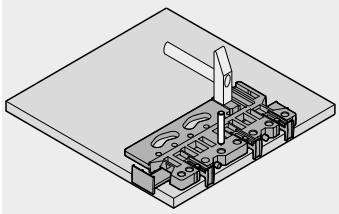
| | Description | Part no. |
|---|---|---|
|  | Universal drilling template | ZML.0040.01 |

**Composed of:**

- 1 x Universal drilling template
- 1 x Drilling depth spacer Ø 10 mm
- 1 x Drilling depth spacer Ø 5 mm
- 1 x Marking template Ø 10 mm
- 1 x Marking template Ø 5 mm

### Assembly possibilities

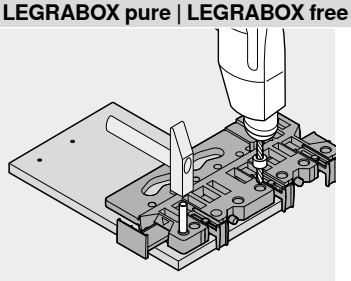
#### AVENTOS



**Front assembly**

- Set stops using the calibration
- Pre-drill or mark fixing positions for inline or cruciform mounting plates for AVENTOS HF as well as front fixings for AVENTOS HS, HL, HK, HK-S, HK-XS

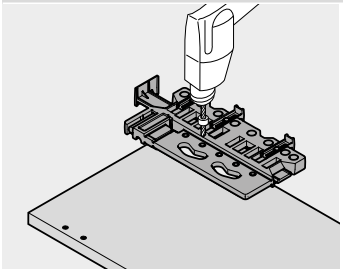
#### LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM



**Front assembly**

- Set stops using the calibration
- Drill or mark fixing positions for front fixings including gallery

#### METABOX



**Drawer assembly – back**

- Set stops using the calibration
- Mark fixing positions

**Drawer assembly – METABOX C15 base**

- Position template on drawer base
- Pre-drill pegs (Ø 5 mm)



## Drilling template for damper



Symbolic image

- Bumper drilling template for use on an unattached or attached front and/or cabinet
- Assembly on a marking line and stop (fixed dimension 20) possible
- Material: nylon/steel

### Assembly possibilities

| | |
|---|---|
| AVENTOS | MOVENTO |
| CLIP top BLUMOTION | TANDEM |
| CLIP top | |
| MODUL | |
| LEGRABOX pure | |
| LEGRABOX free | |
| TANDEMBOX intivo | |
| TANDEMBOX antaro | |
| TANDEMBOX plus | |

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


**Short-URL**
www.blum.com/1ZtTC6

### Order information

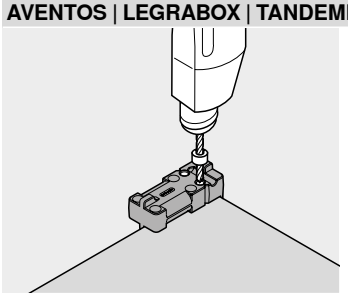
| | Description | Part no. |
|---|---|---|
|  | Drilling template for damper | ZML.1090 |

**Composed of:**

- 1 x Drilling template for damper
- 1 x Drilling depth spacer Ø 8 mm
- 1 x Reducing bush Ø 8 to Ø 5 mm

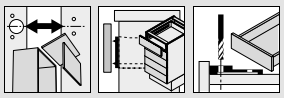
### Assembly possibilities

**AVENTOS | LEGRABOX | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | MOVENTO | TANDEM**



**SERVO-DRIVE assembly**

- Position template
- Perform drilling for distance bumper (Ø 8 or Ø 5 mm)



## Base router



Symbolic image

- LEGRABOX base assembly
- Precise manufacturing of the LEGRABOX base routing
- Straightforward clamping of base for convenient working
- No set-up required

### Assembly possibilities

LEGRABOX pure
LEGRABOX free

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


Short-URL
www.blum.com/UWdi4

### Order information

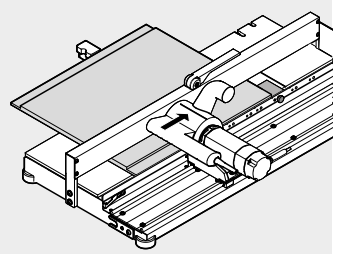
| | Description | Part no. |
|---|---|---|
|  | Base router | M35.7200.01 |
| **Composed of:** | | |
| – | 1 x Base router | |
| – | 1 x Milling cutter Ø 60 mm | |
| – | 2 x Wood stop | |
| – | 1 x Tool set | |

### a Accessories

| Description | | Part no. |
|---|---|---|
|  | Cutting insert set | M35.ZW40 |
|  | Wood stop (10 pcs) | M35.ZT01 |
|  | Carbon brushes for base router | M35.ZM01 |

### Assembly possibilities

**LEGRABOX pure | LEGRABOX free**



**Drawer assembly – base**

- Clamp the drawer base
- Mill using inching mode and remove drawer base
- Bring carriage to starting position



# Drilling template for LEGRABOX base | back



Symbolic image

- Template for pre-drilling of fixing positions on drawer base (connection of drawer side | base and back | base)
- Template for pre-drilling of fixing positions on chipboard back (connection of chipboard back | chipboard back fixing)
- Material: nylon/steel

## Assembly possibilities

LEGRABOX pure
LEGRABOX free

## Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


Short-URL
www.blum.com/1sK9KN

## Order information

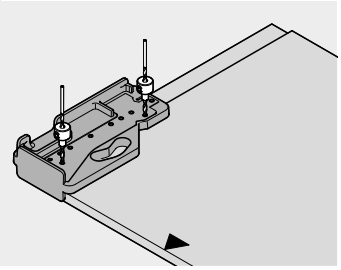
| | Description | Part no. |
|---|---|---|
|  | Drilling template for LEGRABOX base \| back | ZML.7000 |

**Composed of:**

– 1 x Drilling template for LEGRABOX base | back
– 1 x Drilling depth spacer Ø 2.5 mm

## Assembly possibilities

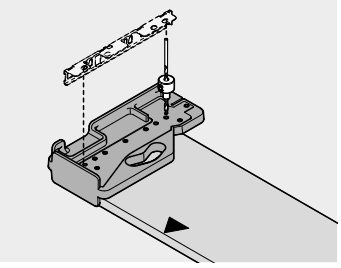
### LEGRABOX pure | LEGRABOX free



**Drawer assembly – connection of drawer side | base**

- Position template on front edge of drawer base
- Pre-drill fixing positions for drawer side (Ø 2.5 mm)

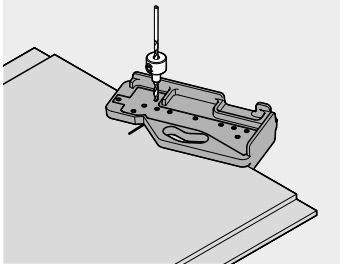
### LEGRABOX pure | LEGRABOX free



**Drawer assembly – connection of chipboard back | chipboard back fixing**

- Position template on back
- Pre-drill fixing positions for chipboard back fixing (Ø 2.5 mm)

### LEGRABOX pure | LEGRABOX free



**Drawer assembly – connection of back | base**

- Position template on back of base on marking line
- Pre-drill fixing positions for connection of back | base (Ø 2.5 mm)



## Drilling template for MOVENTO | TANDEM



Symbolic image

- Template for drilling the runner hook positions
- Pre-drilling the MOVENTO | TANDEM locking device fixing positions
- Material: nylon/steel

### Assembly possibilities

| |
|---|
| MOVENTO |
| TANDEM |

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


**Short-URL**
www.blum.com/25IXQy

### Order information

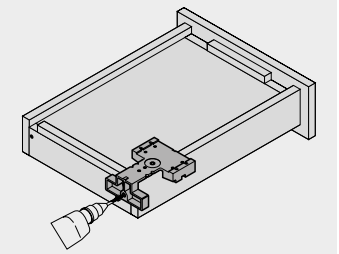
| | Description | Part no. |
|---|---|---|
|  | Drilling template for MOVENTO \| TANDEM | T65.1000.02 |
| **Composed of:** | | |
| – | 1 x Drilling template for MOVENTO \| TANDEM | |
| – | 1 x Drilling depth spacer Ø 6 mm | |

### a Accessories

| Description | | Part no. |
|---|---|---|
|  | Tool set | T65.9000 |

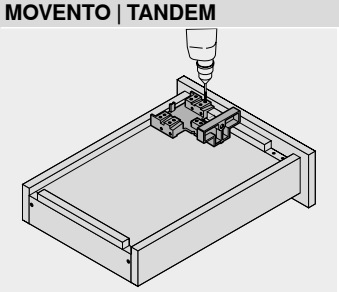
### Assembly possibilities

#### MOVENTO | TANDEM



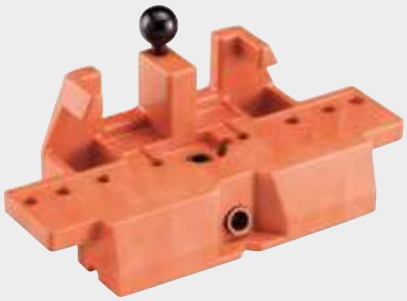
**Drawer assembly – hook drilling**
- Position template on assembled wooden drawer
- Drill hook position

#### MOVENTO | TANDEM



**Drawer assembly – MOVENTO | TANDEM locking device**
- Position template on assembled wooden drawer
- Pre-drill the fixing positions for the locking device

# Drilling template for TANDEM hook and peg variant



Symbolic image

- Template for drilling the fixing positions for the pegs and lift-off stop
- Template for drilling the runner hook positions
- Material: nylon/steel

## Assembly possibilities

TANDEM

## Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


Short-URL
www.blum.com/6PBYi

## Order information

| | Description | Part no. |
|---|---|---|
|  | Drilling template for TANDEM hook and peg variant 561H \| 551H | T65.1100 |

**Composed of:**

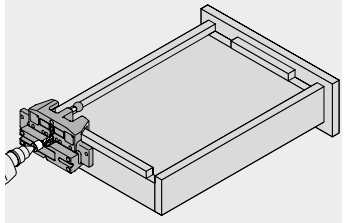
- 1 x Drilling template for TANDEM hook and peg variant 561H | 551H
- 1 x Drilling depth spacer Ø 6 mm
- 1 x Drilling depth spacer Ø 8 mm

## a Accessories

| Description | | Part no. |
|---|---|---|
|  | Tool set | T65.9000 |

## Assembly possibilities

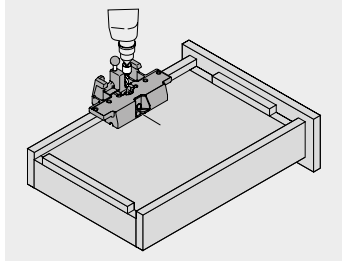
### TANDEM



**Drawer assembly – hook drilling**

- Position template on assembled wooden drawer
- Drill hook position

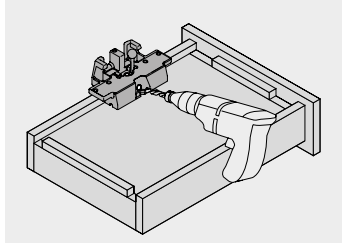
### TANDEM



**Drawer assembly – peg hole**

- Position template on the assembled wooden drawer on the marking line
- Drill fixing positions for peg position

### TANDEM



**Drawer assembly – drilling for lift-off stop**

- Position template on assembled wooden drawer
- Insert the positioning pin into the pre-drilled peg hole
- Drill fixing position for the lift-off stop



## Drilling template for TANDEM front fixing



Symbolic image

- Template for drilling the fixing positions for the front adjustment bracket (295.1000) on the 4-sided wooden drawer
- Application in conjunction with front adjustment bracket (295.1000) and Cabinet Configurator (DYNAPLAN)
- Material: steel

### Assembly possibilities

TANDEM

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


### Order information

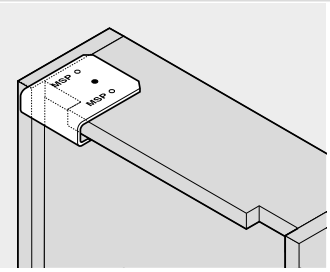
| | Description | Part no. |
|---|---|---|
|  | Drilling template for TANDEM front fixing | ZML.0050 |

**Composed of:**

– 1 x Drilling template for TANDEM front fixing

### Assembly possibilities

#### TANDEM

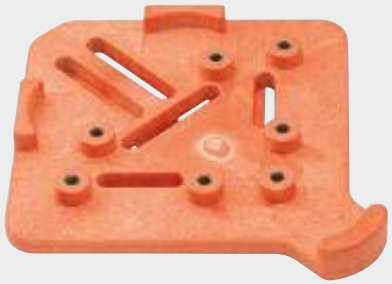



**Drawer assembly**

- Useful application only in combination with TANDEM, Cabinet Configurator | DYNAPLAN and front adjustment bracket (295.1000)
- The fixing position of the front adjustment bracket must be taken from the Cabinet Configurator | DYNAPLAN planning result
- Position template on to wooden drawer and drill



# Drilling template for SPACE CORNER with SYNCROMOTION



Symbolic image

- Template for drilling the fixing positions for the SPACE CORNER SYNCROMOTION fitting
- Material: nylon/steel

## Assembly possibilities

TANDEMBOX intivo
TANDEMBOX antaro
TANDEMBOX plus

## Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/2IW3fO

## Order information

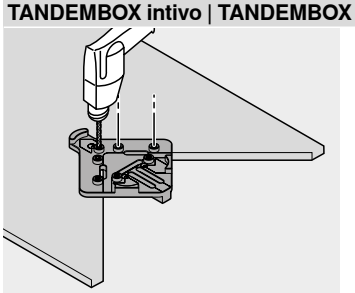
| | Description | Part no. |
|---|---|---|
|  | Drilling template for SPACE CORNER with SYNCROMOTION | ZML.0330 |

**Composed of:**

– 1 x Drilling template for SPACE CORNER with SYNCROMOTION

## Assembly possibilities

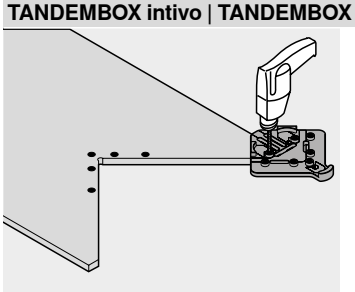
### TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



**Drawer assembly**

- Position template in the corner
- Drill fixing positions for the SYNCROMOTION fitting

### TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



**Drawer assembly**

- Position template on the side
- Drill fixing position for the corner front piece



## Drilling template for SERVO-DRIVE bracket profile attachment



Symbolic image

- Template for marking or pre-drilling the fixing positions for the SERVO-DRIVE bracket profile adapter
- The drilling template can be attached to an assembled and unassembled cabinet as well as to individual components (bottom panel/top panel/cross bar)
- Assembly on a marking line
- Material: nylon/steel/aluminium

### Assembly possibilities

LEGRABOX pure
LEGRABOX free
TANDEMBOX intivo
TANDEMBOX antaro
TANDEMBOX plus
MOVENTO
TANDEM

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

**Short-URL**
www.blum.com/C5aJ9

### Order information

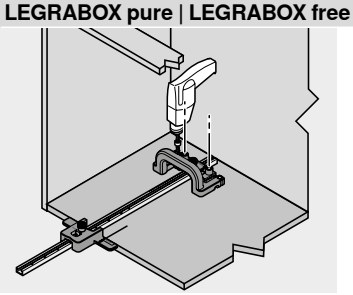
| | Description | Part no. |
|---|---|---|
|  | Drilling template for SERVO-DRIVE bracket profile attachment | ZML.1150.02 |

**Composed of:**

– 1 x Drilling template for SERVO-DRIVE bracket profile attachment
– 1 x Drilling depth spacer Ø 10 mm
– 1 x Marking template Ø 10 mm

### Assembly possibilities

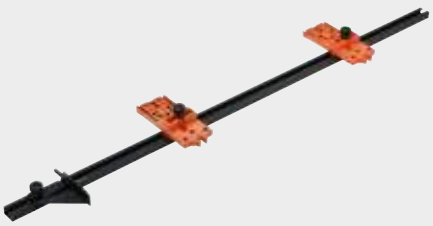
**LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | MOVENTO | TANDEM**



**Cabinet assembly**

- Mark cabinet profile height position
- Set depth adjustment using the calibration
- Position template on marking line
- Drill or mark drillings for bracket profile adapter

# Drilling template for hinge systems



Symbolic image

- Template for the transfer of measurements for hinge and mounting plate fixing positions
- Template for the transfer of measurements from door to cabinet and from cabinet to door
- Drilling template can be used with assembled or unassembled cabinets
- Adjustable stop for various front overlays, the calibration makes it easy to set the template
- Material: nylon/steel/aluminium

## Assembly possibilities

| |
|---|
| AVENTOS HF |
| AVENTOS HK-XS |
| CLIP top BLUMOTION |
| CLIP top |
| MODUL |

## Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


**Short-URL**
www.blum.com/10TSjY

## Order information

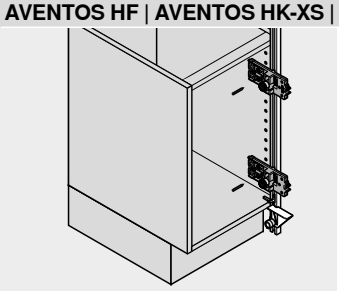
| | Description | Part no. |
|---|---|---|
| | Drilling template for hinge systems | 65.7500.03 |
| **Composed of:** | | |
| – | 1 x Extension rail 1000 mm | |
| – | 2 x Templates with a marking template | |
| – | 2 x Marking template Ø 5 mm | |

## a Accessories

| | Description | Part no. |
|---|---|---|
| | Extension rail 2200 mm | 65.7590 |

## Assembly possibilities

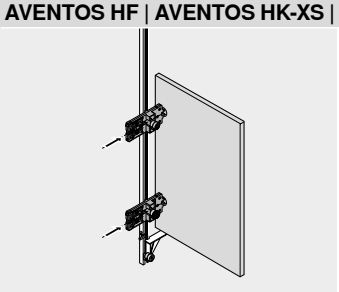
### AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL



**Hinge system assembly – door undrilled**

- Position drilling template onto cabinet
- Transfer desired position of attached mounting plate and/or system drilling to drilling template
- Set desired door overlay using the calibration
- Position drilling template on to door and mark hinge drilling pattern using marking template

### AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL



**Hinge system assembly – cabinet undrilled**

- Set desired front overlay using the calibration
- Transfer desired position of hinge drilling and/or attached hinge to drilling template
- Position drilling template onto cabinet and mark or pre-drill fixing positions for mounting plates

## Adhesion template for CRISTALLO glass door hinges



Symbolic image

- For easy determination of the position of the CRISTALLO adhesion plate and the CRISTALLO mounting plate
- For fixing the CRISTALLO adhesion plate and the CRISTALLO mounting plate in the correct position
- Setting template using integrated calibration
- Material: nylon/steel/aluminium/zinc

### Assembly possibilities

CLIP top BLUMOTION
CLIP top

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


### Order information

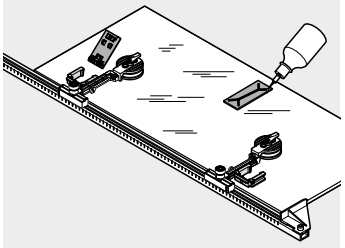
| | Description | Part no. |
|---|---|---|
|  | Adhesion template for CRISTALLO glass door hinges | 65.4500 |
| **Composed of:** | | |
| – | 1 x Extension rail 1000 mm | |
| – | 2 x Template with vacuum clamp | |

### a Accessories

| Description | | Part no. |
|---|---|---|
|  | Template | 65.4510 |

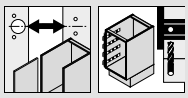
### Assembly possibilities

#### CLIP top BLUMOTION | CLIP top



**Hinge system assembly**

- Set adhesion position using the calibration
- Fix template with vacuum clamp
- Insert CRISTALLO adhesion plate | mounting plate and glue





## Universal drilling template



Symbolic image

- Template for pre-drilling the fixing positions for cabinet profiles, lift mechanisms, mounting and adapter plates
- The template can be used with assembled and unassembled cabinets
- Setting the height and depth position using the calibration
- Suitable for overlay and inset applications
- For system and chipboard screws
- Assembly on marking line possible
- Material: nylon/steel/aluminium/zinc

### Assembly possibilities

| | |
|---|---|
| AVENTOS | MOVENTO |
| CLIP top BLUMOTION | TANDEM |
| CLIP top | STANDARD |
| MODUL | |
| LEGRABOX | |
| TANDEMBOX intivo | |
| TANDEMBOX antaro | |
| TANDEMBOX plus | |
| METABOX | |

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


**Short-URL**
www.blum.com/2EbFR6

### Order information

| | Description | Part no. |
|---|---|---|
|  | Universal drilling template | 65.1000.01 |

**Composed of:**

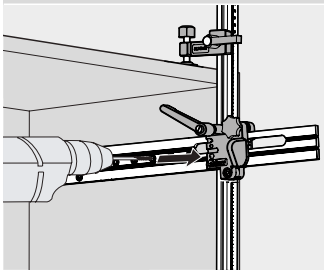
- 1 x Extension rail 1000 mm
- 4 x Universal drilling template
- 1 x Drilling depth spacer Ø 5 mm
- 1 x Reducing bush Ø 5 to Ø 2.5 mm
- 1 x Allen key

### a Accessories

| Description | Part no. |
|---|---|
|  Extension rail 2200 mm | 65.7590 |
|  Universal drilling template | 65.1001.01 |
|  Add-on for SPACE CORNER | 65.1106 |

### Assembly possibilities

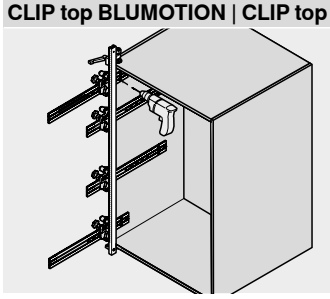
#### AVENTOS



**Cabinet assembly**

- Set template height and depth position using the calibration
- Pre-drill fixing positions for lift mechanism pegs

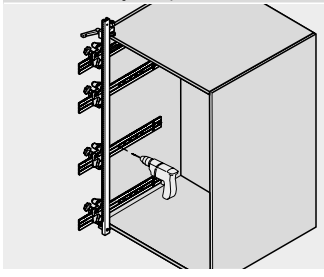
#### CLIP top BLUMOTION | CLIP top | MODUL



**Hinge system assembly**

- Set template height and depth position using the calibration
- Position template on cabinet
- Pre-drill fixing positions for mounting and adapter plates (BLUMOTION | TIP-ON for doors)

#### LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM | STANDARD



**Cabinet assembly**

- Set template height and depth position using the calibration
- Position template on cabinet
- Pre-drill fixing positions for cabinet profiles
- Pre-drill fixing positions for BLUMOTION for METABOX
- The additional part (65.1106) enables SPACE CORNER assembly



## Insertion tool for hinges



Symbolic image

- Enables you to knock in all CLIP top BLUMOTION, CLIP top, CLIP and MODUL hinge with knock-in boss
- Material: nylon

### Assembly possibilities

| |
|---|
| CLIP top BLUMOTION |
| CLIP top |
| MODUL |

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


**Short-URL**
www.blum.com/1gZon1

### Order information

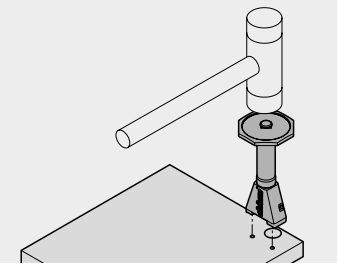
| | Description | Part no. |
|---|---|---|
|  | Insertion tool for hinges | ZME.0710 |

**Composed of:**

– 1 x Insertion tool for hinges

### Assembly possibilities

**CLIP top BLUMOTION | CLIP top | MODUL**



**Hinge system assembly**

- Drill hinge drilling pattern
- Clip hinge into knock-in tool and knock in





## Insertion tool for mounting plates



Symbolic image

- Enables you to knock-in mounting plates
- Material: nylon/steel

### Assembly possibilities

CLIP top BLUMOTION
CLIP top

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |


Short-URL
www.blum.com/VXeEb

### Order information

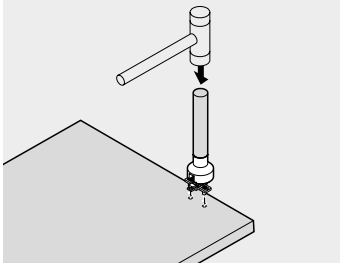


| Insertion tool | Part no. |
|---|---|
| Mounting plate | 65.6100 |
| Steel horizontal mounting plate | ZME.0730 |

**Composed of:**
– 1 x Insertion tool for mounting plates

### Assembly possibilities

### CLIP top BLUMOTION | CLIP top



**Cabinet assembly**

- Drill fixing positions for mounting plates
- Clip mounting plate into knock-in tool and knock in



## Insertion tool for pull-out systems



Symbolic image

- Enables you to knock-in front fixings with dowels
- Material: nylon/steel

### Assembly possibilities

TANDEMBOX intivo
TANDEMBOX antaro
TANDEMBOX plus
METABOX

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/21OHG4

### Order information

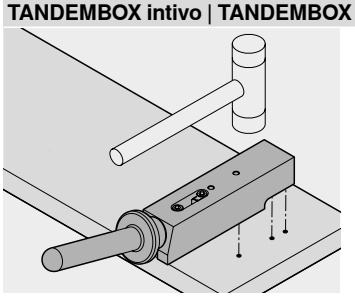


| Insertion tool | Part no. |
|---|---|
| TANDEMBOX (ZSF.5320) | ZME.5320 |
| TANDEMBOX (ZSF.3602.02) | ZME.2700 |
| METABOX (ZSF.1300 \| ZSF.1600 \| ZSF.1800) | ZME.1600.01 |
| METABOX (ZSF.1610) | ZME.1610 |

**Composed of:**
– 1 x Insertion tool

### Assembly possibilities

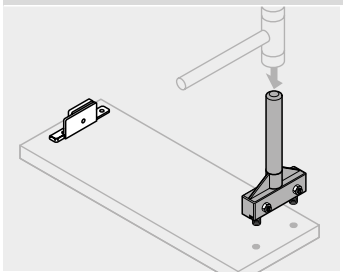
#### TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



**Front assembly**

- Drill fixing positions for the front fixing
- Clip on front fixing (ZSF.5320, ZSF.3602) to the knock-in tool and knock in

#### METABOX



**Front assembly**

- Drill fixing positions for the METABOX front fixing
- Clip on front fixing (ZSF.1xx0) to the knock-in tool and knock in

# Positioning template for catch plate



Symbolic image

- Template for determining the position of the TIP-ON screw-on catch plate
- Suitable for overlay and inset applications
- Transfer of measurements by marking the position
- Material: nylon/steel

## Assembly possibilities

AVENTOS HK
AVENTOS HK-S
AVENTOS HK-XS
CLIP top

## Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/1dlH7q

## Order information

| | Description | Part no. |
|---|---|---|
|  | Positioning template for catch plate | 65.5210.01 |

**Composed of:**
– 1 x Template for screw-on catch plates

## Assembly possibilities

**AVENTOS HK | AVENTOS HK-S | AVENTOS HK-XS | CLIP top**



**TIP-ON assembly – screw-on catch plate**

- Clip template on to the TIP-ON fitting
- Gently close door
- Attach catch plate at marked location



## Marking template for LEGRABOX



Symbolic image

- Template for marking the fixing positions of front fixings
- Material: nylon/steel

### Assembly possibilities

LEGRABOX pure
LEGRABOX free

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |

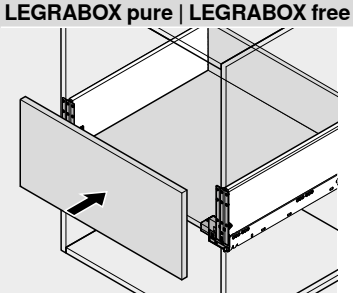

Short-URL
www.blum.com/Oy7Tx

### Order information

| Marking template | Part no. |
|---|---|
| LEGRABOX | ZML.3710 |

### Assembly possibilities

**LEGRABOX pure | LEGRABOX free**

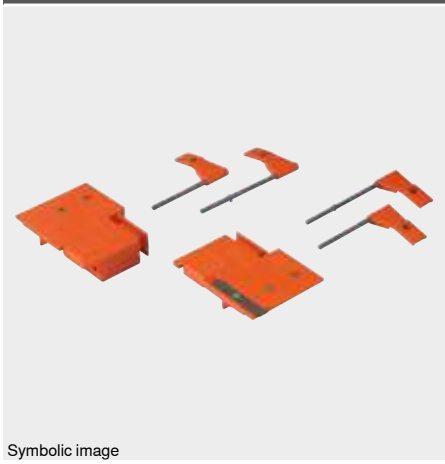


**Front assembly – drawer**

- Position marking template on to an assembled drawer that has already been inserted into the cabinet
- Set stop to desired front overlay
- Position front and mark front fixing positions with a light tap



# Marking template for TANDEMBOX | METABOX



Symbolic image

- Template for marking the fixing positions of front fixings
- Template for marking the drilling position for the gallery front fixing using an attached gallery marking template
- Material: nylon/steel

## Assembly possibilities

| |
|---|
| TANDEMBOX intivo |
| TANDEMBOX antaro |
| TANDEMBOX plus |
| METABOX |

## Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |
| **Application video** | |

Short-URL
www.blum.com/1n8j8B


## Order information

| Marking template | Part no. |
|---|---|
| TANDEMBOX 378N | ZML.3510 |
| TANDEMBOX 378L \| 378M \| 378K | ZML.3580.01 |
| METABOX 3x0N | ZML.1510 |
| METABOX 3x0M \| 3x0K \| 3x0H | ZML.1500 |

**Composed of:**

– 2 x Template
– 4 x Flag [1]

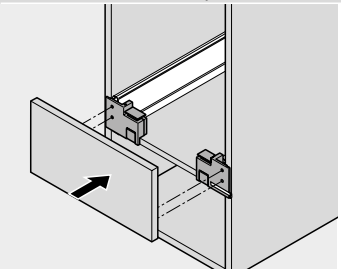
[1] Only for TANDEMBOX L drawer side (front fixing bracket)
[1] Only for TANDEMBOX K drawer side (positioning dowel)

## a Accessories

| Description | Part no. |
|---|---|
| Gallery marking template TANDEMBOX 378L \| 378M \| 378K | ZML.3600 |
| Gallery marking template METABOX 3x0M \| 3x0K \| 3x0H | ZML.8000.02 |

## Assembly possibilities

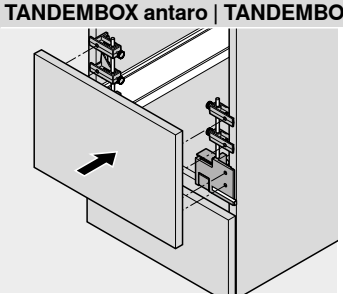
### TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX



**Front assembly – drawer**

- Position marking template on to an assembled drawer that has already been inserted into the cabinet
- Set stop to desired front overlay
- Position front and mark front fixing positions with a light tap

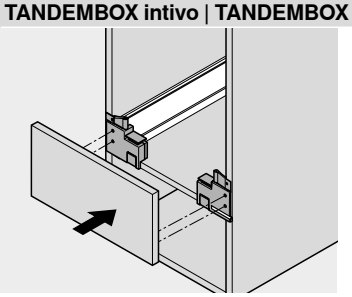
### TANDEMBOX antaro | TANDEMBOX plus | METABOX



**Front assembly – box sytem with gallery**

- Position marking template on to an assembled high fronted pull-out that has already been inserted into the cabinet
- Set stop to desired front overlay
- Use gallery marking templates for a high fronted pull-out with a gallery
- Position front and mark front fixing positions with a light tap

### TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



**Front assembly – K | L drawer side**

- Position marking template on to an assembled drawer that has already been inserted into the cabinet
- Set stop to desired front overlay
- For TANDEMBOX intivo use L drawer side flags
- For TANDEMBOX antaro | TANDEMBOX plus use K drawer side flags
- Position front and mark front fixing positions with a light tap



## Marking template



Symbolic image

- Assembly device for marking the fixing positions for the front adjustment bracket (295.1000)
- Material: steel

### Assembly possibilities

MOVENTO
TANDEM
STANDARD

### Page instructions

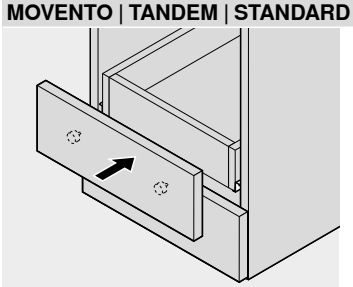

| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


### Order information

| | Description | Part no. |
|---|---|---|
|  | Marking template | 65.2950 |
| **Composed of:** | | |
| – | 1 x Marking template Ø 20 mm | |

### Assembly possibilities

**MOVENTO | TANDEM | STANDARD**



**Drawer assembly**

- Insert marking template into the front adjustment bracket (295.1000) holes
- Attach to front, place on drawer already inserted into cabinet and mark the fixing positions using a light tap on the drawer
- Perform drillings

## Universal marking template



Symbolic image

- Template for marking the fixing positions for cabinet profiles, lift mechanisms, mounting and adapter plates
- The template can be used with assembled and unassembled cabinets
- Assembly on a marking line
- Material: nylon

### Assembly possibilities

| | |
|---|---|
| AVENTOS | MOVENTO |
| CLIP top BLUMOTION | STANDARD |
| CLIP top | TANDEM |
| MODUL | |
| LEGRABOX | |
| TANDEMBOX intivo | |
| TANDEMBOX antaro | |
| TANDEMBOX plus | |
| METABOX | |

### Page instructions

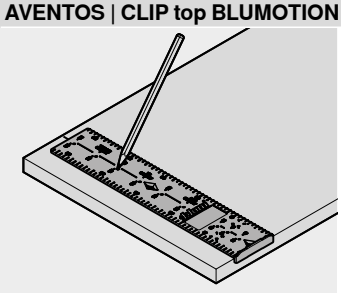

| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


### Order information

| | Description | Part no. |
|---|---|---|
|  | Universal marking template | 65.5340.01 |
| **Composed of:** | | |
| – | 1 x Universal marking template | |

### Assembly possibilities

**AVENTOS | CLIP top BLUMOTION | CLIP top | MODUL | LEGRABOX | TANDEMBOX | METABOX | MOVENTO | STANDARD | TANDEM**

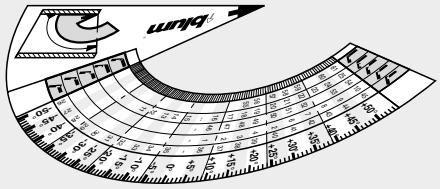


**Assembly**

- Position template on marking line
- Mark fixing positions
- Drill holes using a drilling machine



## Cabinet angle template



Symbolic image

- Template for determining the cabinet angle
- Determining the proper hinge solution
- Material: nylon

### Assembly possibilities

CLIP top BLUMOTION
CLIP top

### Page instructions

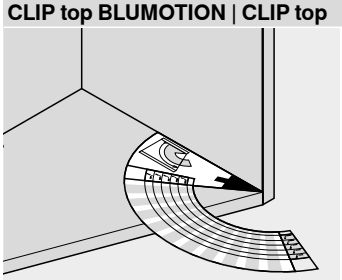

| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


### Order information

| | Description | Part no. |
|---|---|---|
|  | Cabinet angle template | 65.5810.02 |
| **Composed of:** | | |
| – | 1 x Cabinet angle template | |

### Assembly possibilities

#### CLIP top BLUMOTION | CLIP top



**Hinge system assembly**

- Position template on angled cabinet
- Note cabinet angle and angled application
- A suitable hinge solution depends on the cabinet angle or angled application





## Marking template



Symbolic image

- Template for determining the fixing positions for the INSERTA gallery (back height B | C)
- Material: nylon

### Assembly possibilities

TANDEMBOX antaro
TANDEMBOX plus
METABOX

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


### Order information

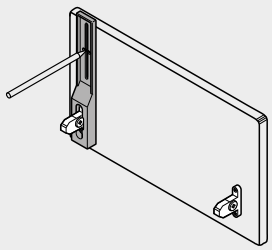


| Marking template | Part no. |
|---|---|
| TANDEMBOX | ZML.8030 |
| METABOX | ZML.805S |

**Composed of:**
– 1 x Marking template

### Assembly possibilities

**TANDEMBOX antaro | TANDEMBOX plus | METABOX**



**Front assembly**

- Clip template on to the attached front fixing
- Mark fixing positions for the INSERTA gallery
- Drill holes using a drilling machine

## Marking template for CABLOXX front locking bracket



Symbolic image

- Template for marking the height position for the CABLOXX front locking bracket
- Material: nylon

### Assembly possibilities

LEGRABOX pure
LEGRABOX free
TANDEMBOX intivo
TANDEMBOX antaro

### Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |

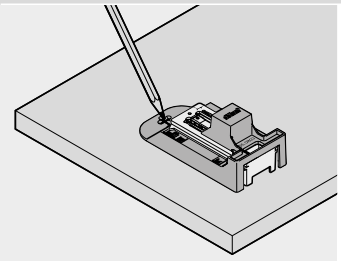

### Order information

| | Marking template for CABLOXX front locking bracket | Part no. |
|---|---|---|
| | LEGRABOX | 65.0807 |
| **Composed of:** | | |
| – | 1 x Marking template | |

| | Marking template for CABLOXX front locking bracket | Part no. |
|---|---|---|
| | TANDEMBOX | 65.0803 |
| **Composed of:** | | |
| – | 1 x Marking template | |

### Assembly possibilities

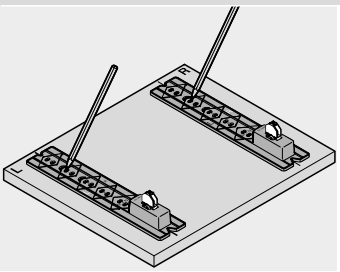
#### LEGRABOX



**Front assembly**

- Adjust drawer side height
- Clip template on to the attached front fixing
- Mark fixing position for front locking bracket
- Drill holes using a drilling machine

#### TANDEMBOX



**Front assembly**

- Clip template on to the attached front fixing
- Mark fixing position for front locking bracket
- Drill holes using a drilling machine

# Front gap template for LEGRABOX | MOVENTO



Symbolic image

- Templates for precise and convenient adjustment of front gap of 2.5 mm for LEGRABOX and MOVENTO
- Material: nylon

## Assembly possibilities

LEGRABOX pure
LEGRABOX free
MOVENTO

## Page instructions

Overview – templates 642

**Application video**

Short-URL
www.blum.com/eNY0MYTy

Overview – assembly possibilities 644

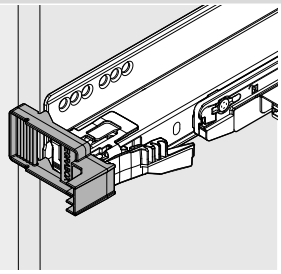
## Order information

| | Description | Part no. |
|---|---|---|
|  | Front gap template for LEGRABOX \| MOVENTO | 65.5631 |

**Composed of:**
– 1 x Front gap template for LEGRABOX | MOVENTO

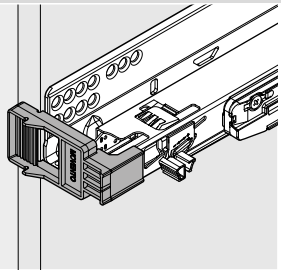
## Assembly possibilities

### LEGRABOX



**Adjustment – front gap**
- Position template on cabinet side
- Adjust cabinet profile via depth adjustment flush to the template

### MOVENTO



**Adjustment – front gap**
- Position template on cabinet side
- Adjust cabinet profile via depth adjustment flush to the template

## Front gap template for TANDEMBOX



Symbolic image

- Templates for precise and convenient adjustment of front gap of 2.5 mm for TIP-ON BLUMOTION for TANDEMBOX
- Material: nylon

### Assembly possibilities

TANDEMBOX intivo
TANDEMBOX antaro
TANDEMBOX plus

### Page instructions

Overview – templates 642
Overview – assembly possibilities 644

**Application video**

Short-URL
www.blum.com/2OZ7GMtd

### Order information

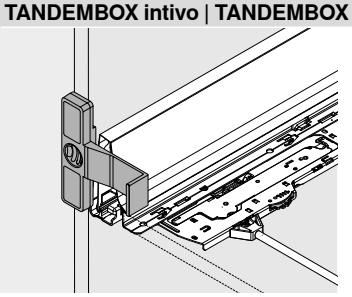
| | Description | Part no. |
|---|---|---|
| | Front gap template for TANDEMBOX | 65.5627 |

**Composed of:**

– 1 x Front gap template for TANDEMBOX

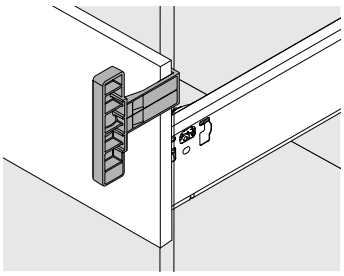
### Assembly possibilities

**TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus**



**Adjustment – front gap without front**

- Position template on cabinet side
- Adjust cabinet profile via depth adjustment until the drawer side is flush to the template



**Adjustment – front gap with front**

- Position template between front and cabinet
- Adjust cabinet profile via depth adjustment until the front is on the template

# Cutting-to-size template for CABLOXX



Symbolic image

- Template for cutting the locking bar, spacers and synchronisation linkage to size
- Template for pre-drilling or drilling the end cap and attachment for synchronisation
- Template for cutting the synchronisation linkages (TIP-ON BLUMOTION and side stabiliser) to size

## Assembly possibilities

Further products

## Page instructions


| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


## Order information

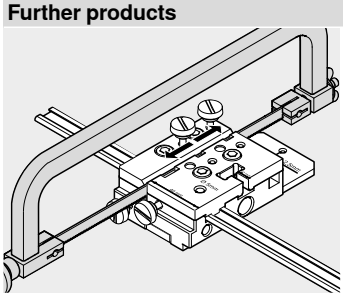
| | Description | Part no. |
|---|---|---|
|  | Cutting-to-size template for CABLOXX | 65.0801 |

**Composed of:**

– 1 x Cutting-to-size template for CABLOXX

## Assembly possibilities

### Further products



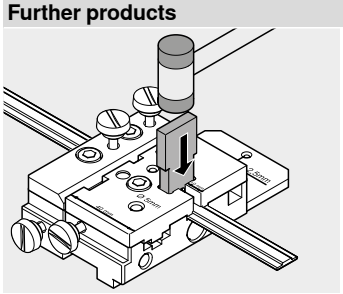
**Cutting locking bar and synchronisation linkage to size**

- Cut locking bar and synchronisation linkage to the desired size using saw

**Cutting the synchronisation linkages (TIP-ON BLUMOTION and side stabiliser) to size**

- Cut synchronisation linkage (TIP-ON BLUMOTION and side stabiliser) to the desired size using saw

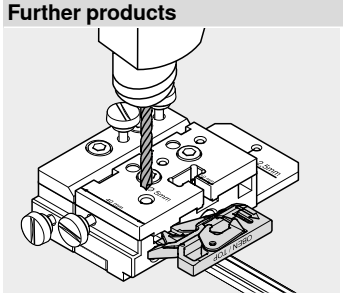
### Further products



**Cut spacer to size**

- Cut spacer to desired size using supplied flat chisel and hammer

### Further products



**Drilling end cap, synchronisation section**

- Place locking bar in template and drill Ø 5 mm hole for attaching the end cap in the locking bar
- Position template in cabinet and pre-drill Ø 2.5 mm hole for synchronisation section



## Glass cutting set



Symbolic image

- Cutting tool for cutting glass design elements to the desired size

### Assembly possibilities

LEGRABOX free
TANDEMBOX intivo
TANDEMBOX antaro

### Page instructions

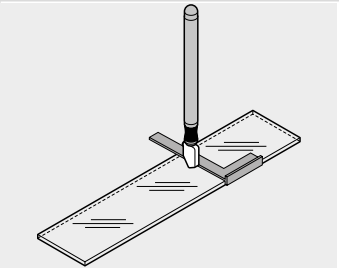

| | |
|---|---|
| Overview – templates | 642 |
| Overview – assembly possibilities | 644 |


### Order information

| | Description | Part no. |
|---|---|---|
| | Glass cutting set | 65.8000 |
| **Composed of:** | | |
| – | 1 x Oil glass cutter | |
| – | 1 x Cutting liquid | |
| – | 1 x Diamond file | |

### Assembly possibilities

**LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro**



**Drawer assembly**

- Mark section of the design element to be cut to size
- Position bracket on marking line
- Score the glass design element using the glass cutter
- Break glass and smooth edges

# Information



Our goal is to ensure that furniture buyers can enjoy the convenience and perfect function of our fittings for the lifetime of their furniture.

To reach our objective we are monitoring our products in real working environments as well as in testing labs. Test results are incorporated into the manufacture and development of our products.

Over the course of time, this has allowed us to tailor new products to the requirements of the market.



General Information



Lift systems



Hinge systems



Box and runner systems

## General Information


Symbolic image


| | |
|---|---|
| ▸▸ Information | 688 |
| ▸▸ Safety information | 689 |
| ▸▸ Testing standards at Blum | 690 |
| ▸▸ Blum's subsidiaries, representatives and contacts | 708 |
| ▸▸ Glossary | 714 |
| ▸▸ Part No. Index | 724 |


## Information about lift systems


Symbolic image

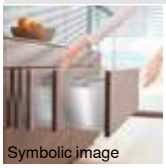

| | |
|---|---|
| ▸▸ Reference values for door weights | 692 |


## Information about hinge systems


Symbolic image


| | |
|---|---|
| ▸▸ Planning | 694 |
| ▸▸ Angled hinges | 695 |
| ▸▸ Dimensions | 696 |
| ▸▸ Front overlay | 697 |
| ▸▸ Motion processes and closing action | 698 |


## Information about box and runner systems


Symbolic image


| | |
|---|---|
| ▸▸ Overview | 700 |
| ▸▸ Dimensions | 701 |
| ▸▸ Tolerance compensation | 702 |
| ▸▸ Planning | 703 |
| ▸▸ Inner dimensions for cutlery inserts | 704 |
| ▸▸ SERVO-DRIVE uno – market list | 706 |


## Pictograph

- General Information
- Overlay application
- Dual application
- Inset application
- Angled application inset
- Angled application half overlay
- Angled application overlay
- Angled application max. overlay
- Angled application mitered

## General assembly, application and user instructions

All Blum products undergo strict quality control procedures through all stages of production. All Blum fittings are designed for furniture and furniture components made from wood, chipboard or MDF. Careful attention must be paid to fitting or operating instructions when using Blum products (see catalogues and operating manuals for all technical information).

The manufacturer must decide on the screws or fixing methods to suit the material being used (i.e. wood, chipboard, etc.). The fixing recommendations refer to the screwing in of fittings to epoxy coated chipboard according to chipboard standard EN 312, requirements according to classification type P2, with a gross density of 650 kg/m³ according to EN 323.
Test requirements refer to the fixing recommendations according to catalogue information.
The fittings must not be exposed to acidic or corrosive materials (i.e. some household cleaning solutions). To ensure that Blum products function correctly, they must be kept clean and undamaged.

Our load limits relate to standard applications in kitchen construction. When used for special applications, e.g. with very heavy or high fronts, very short nominal lengths, very wide elements or very long nominal lengths, it is necessary to reduce the total carrying capacity accordingly.

The Blum sales team will be happy to provide further information or instructions if required. Anyone selling Blum fittings must ensure that their customer is aware of any relevant information given in this catalogue.

**Page instructions**
Area of application – EXPANDO T 122

## General conditions of sale and delivery

All deliveries and services are based on the “general conditions of sale” which are available upon request.

The technical presentations and dimensions in illustrations and drawings are non-binding. We reserve the right to make changes to specifications at any time.

We do not accept any responsibility for any errors which may occur in the production of this catalogue.



## Attention!

### Wide angle hinges – safety information

If standard wide angle hinges are used in furniture that can be accessed or reached by small children, then it should be noted that it is possible for small fingers to get in-between the working mechanism of the hinge. In these cases all relevant doors should be fitted with child safety latches. Alternatively, manufacturers should use our specially-designed 155° wide angle safety hinge 7xx7xx0.

Manufacturers must ensure that the end user is aware of this.

| Page instructions | |
|---|---|
| 155° hinge | 104 |

### Pull-outs with dangerous contents

Blum drawer systems are designed for domestic and contract use. If the drawer or pull-out is used to carry potentially dangerous items (e.g. sharp knives, domestic electrical appliances with sharp edges), then it is recommended that they are fitted with pull-out stops or pull-out locks and child safety latches. This is especially important when contents may pose a risk of injury (e.g. electrical appliances such as bread slicing machines, knives or other items with sharp edges).

| We provide the relevant safety accessories for the following products | |
|---|---|
| LEGRABOX | Integrated lock-out stop |
| TANDEMBOX plus BLUMOTION | Integrated lock-out stop |
| METABOX 320 | Separate lock-out stop, part no. 320M0009.01 |
| | Additional tilt device for central locking |
| MOVENTO 760H \| 766H | Lock-out stop integrated into locking device |
| TANDEM 550H \| 560H \| 566H | Lock-out stop integrated into locking device |
| TANDEM 551H \| 561H | Integrated lock-out stop |
| STANDARD 430E | Integrated lock-out stop |
| All systems | Child safety latch, part no. 295.5501 + 320M0009.01 |
| All other running systems do not come with safety accessories and are, therefore, unsuitable for use with potentially dangerous items | |

### Machine Safety

Blum assembly devices and machines are designed, constructed and tested according to the latest international safety standards. Extra attention is also paid to operator safety in this regard. A comprehensive operations manual is supplied with each device and incorporates extensive instructions on installation and use. It is absolutely necessary that all operators read and adhere to the instructions therein. Under no circumstances should changes be made to any safety feature.

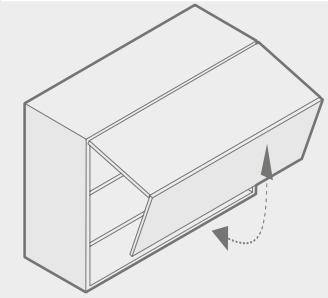
### Machine directive

Furniture equipped with SERVO-DRIVE for AVENTOS is only covered when used for commercial purposes by machine directive 2006/42/EC. This is valid for putting a machine on the market within the Euro. Economic Area (EEA), Switzerland and Turkey. This results in requirements that you as furniture manufacture must take into account. The standards and/or guidelines of other countries are met by TÜV certification.

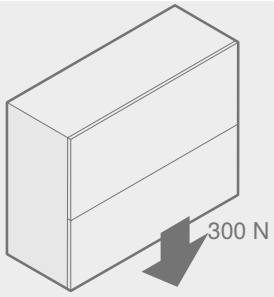
**Detailed information on the Machine Directive**

**Short-URL**
**www.blum.com/sd/guideline**

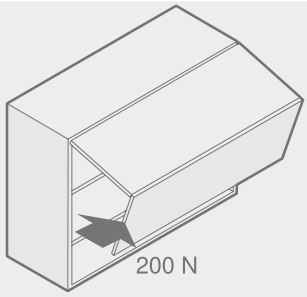
## Lift systems



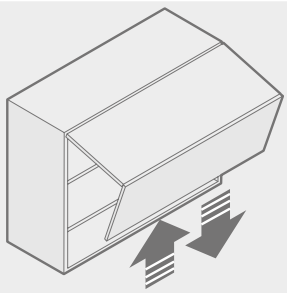
**Durability**
80.000 opening and closing movements




**Static load test**
For simulating unintended overload when using fronts with handles

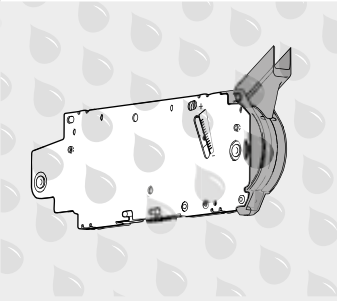



**Lateral load test**
For ascertaining effect of side load



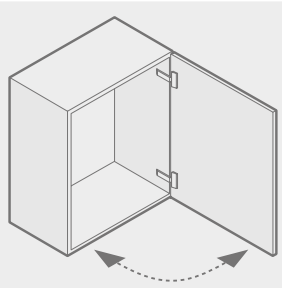
**Slam open/slam shut test**
For simulating overload when opening and closing and for preventing the fronts from coming off

## Lift systems

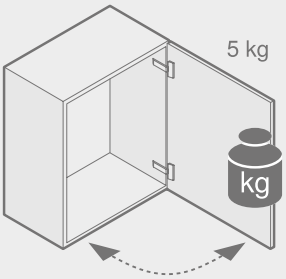


**Corrosion test**
Based on DIN EN ISO 9227 and DIN EN ISO 6270-2 for simulating corrosion influences

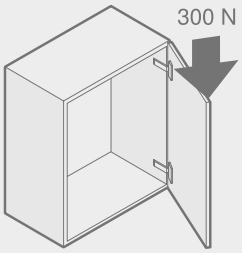
## Hinge systems



**Durability**
200.000 opening and closing movements

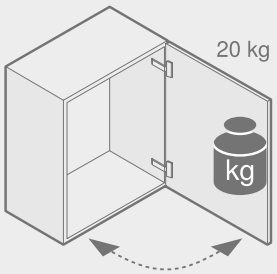



**Durability with 5 kg additional load**
For determining limit values for the fitting

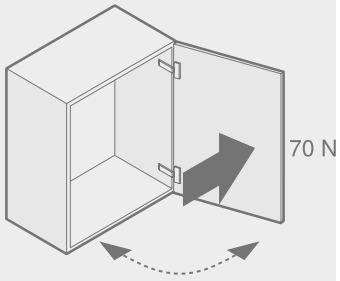



**Static load test**
45°opening angle to simulate a load on the front in the lower base cabinet

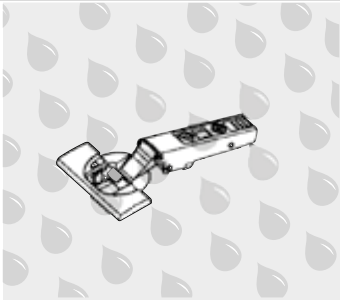
## Hinge systems



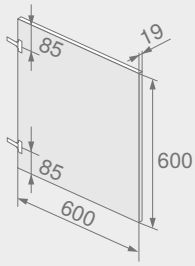

**Dynamic load test**
With an additional vertical load of 20 kg for simulating an unintended load




**Abuse test**
Horizontal load test for securing unintended overload

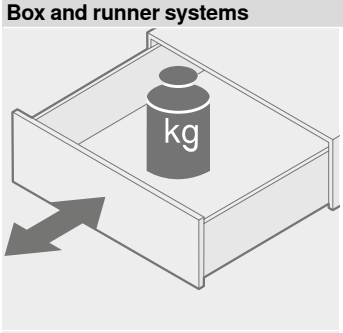


**Corrosion test**
Based on DIN EN ISO 9227 and DIN EN ISO 6270-2 for simulating corrosion influences

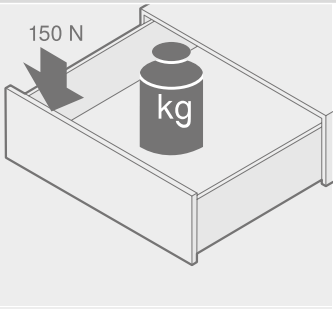



**Test front**
Weight approx. 6.5 kg

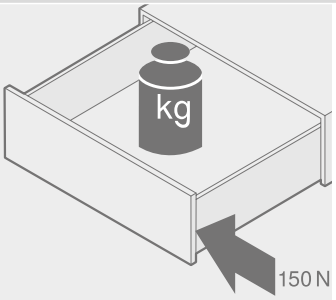
## Box and runner systems



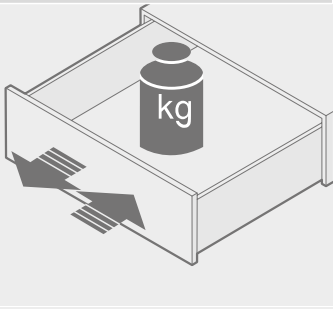

**Durability**
100.000 opening and closing cycles, of which 30.000 cycles fully opened to the pull-out stop




**Static load test**
Completely open with additional load to simulate a load on the front

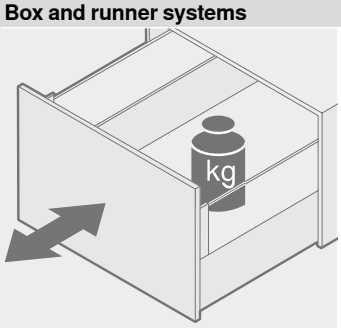



**Lateral load test**
For ascertaining effect of side load

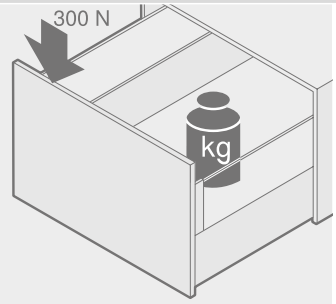



**Slam open/slam shut test**
For simulating overload when opening and closing and for preventing the fronts from coming off

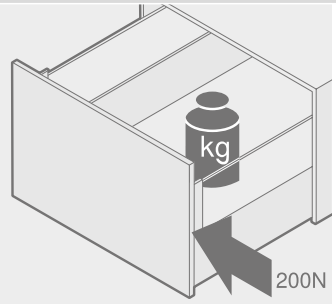
## Box and runner systems



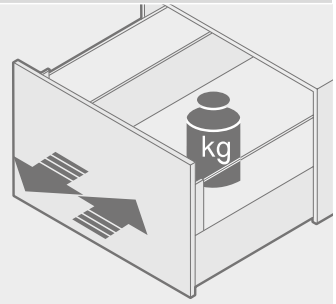

**Durability**
100.000 opening and closing cycles, of which 30.000 cycles fully opened to the pull-out stop




**Static load test**
Completely open with additional load to simulate a load on the front

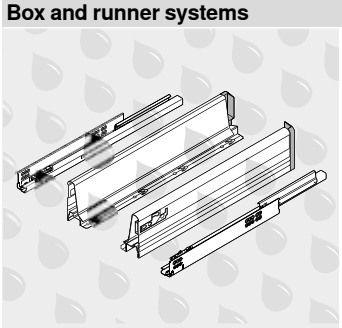



**Lateral load test**
For ascertaining effect of side load



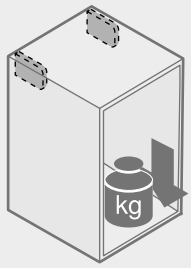

**Slam open/slam shut test**
For simulating overload when opening and closing and for preventing the fronts from coming off

## Box and runner systems



**Corrosion test**
Based on DIN EN ISO 9227 and DIN EN ISO 6270-2 for simulating corrosion influences

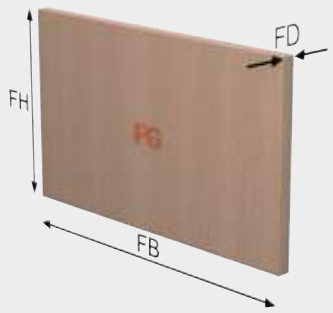
## Wall hanging bracket




**Load test according to DIN ISO EN 15939 (test frame A)**
- 260 kg per pair of wall hanging brackets
- Duration of test: 8 days
- Catalogue specification: permissible total load 130 kg

Detailed testing standards and limiting values are defined in our internal guidelines

## Wooden fronts




| | |
|---|---|
| FH | Front height |
| FB | Front width |
| FD | Front thickness |
| FG | Door weight |

**Calculating the door weight**

FG (kg) = FH (m) x FB (m) x FD (m) x density (kg/m³)

**Note**

The handle weight must be taken into account for lift mechanism selection

### References values for chipboard

**Front thickness FD** 19 mm — **AVENTOS HF | HS | HL + handle weight**

**Density** 680 kg/m³ — **AVENTOS HK | HK-S | HK-XS + double handle weight**

**Reference values for door weight FG (kg) without handle**

| | Front width FB (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Front height FH (mm)** | **400** | **450** | **500** | **550** | **600** | **700** | **800** | **900** | **1000** | **1200** | **1500** | **1800** |
| **300** | 1.6 | 1.7 | 1.9 | 2.1 | 2.3 | 2.7 | 3.1 | 3.5 | 3.9 | 4.7 | 5.8 | 7.0 |
| **350** | 1.8 | 2.0 | 2.3 | 2.5 | 2.7 | 3.2 | 3.6 | 4.1 | 4.5 | 5.4 | 6.8 | 8.1 |
| **400** | 2.1 | 2.3 | 2.6 | 2.8 | 3.1 | 3.6 | 4.1 | 4.7 | 5.2 | 6.2 | 7.8 | 9.3 |
| **450** | 2.3 | 2.6 | 2.9 | 3.2 | 3.5 | 4.1 | 4.7 | 5.2 | 5.8 | 7.0 | 8.7 | 10.5 |
| **500** | 2.6 | 2.9 | 3.2 | 3.6 | 3.9 | 4.5 | 5.2 | 5.8 | 6.5 | 7.8 | 9.7 | 11.6 |
| **550** | 2.8 | 3.2 | 3.6 | 3.9 | 4.3 | 5.0 | 5.7 | 6.4 | 7.1 | 8.5 | 10.7 | 12.8 |
| **600** | 3.1 | 3.5 | 3.9 | 4.3 | 4.7 | 5.4 | 6.2 | 7.0 | 7.8 | 9.3 | 11.6 | 14.0 |
| **650** | 3.4 | 3.8 | 4.2 | 4.6 | 5.0 | 5.9 | 6.7 | 7.6 | 8.4 | 10.1 | 12.6 | 15.1 |
| **700** | 3.6 | 4.1 | 4.5 | 5.0 | 5.4 | 6.3 | 7.2 | 8.1 | 9.0 | 10.9 | 13.6 | 16.3 |
| **750** | 3.9 | 4.4 | 4.8 | 5.3 | 5.8 | 6.8 | 7.8 | 8.7 | 9.7 | 11.6 | 14.5 | 17.4 |
| **800** | 4.1 | 4.7 | 5.2 | 5.7 | 6.2 | 7.2 | 8.3 | 9.3 | 10.3 | 12.4 | 15.5 | 18.6 |
| **850** | 4.4 | 4.9 | 5.5 | 6.0 | 6.6 | 7.7 | 8.8 | 9.9 | 11.0 | 13.2 | 16.5 | 19.8 |
| **900** | 4.7 | 5.2 | 5.8 | 6.4 | 7.0 | 8.1 | 9.3 | 10.5 | 11.6 | 14.0 | 17.4 | 20.9 |
| **950** | 4.9 | 5.5 | 6.1 | 6.8 | 7.4 | 8.6 | 9.8 | 11.0 | 12.3 | 14.7 | 18.4 | 22.1 |
| **1000** | 5.2 | 5.8 | 6.5 | 7.1 | 7.8 | 9.0 | 10.3 | 11.6 | 12.9 | 15.5 | 19.4 | 23.3 |
| **1040** | 5.4 | 6.0 | 6.7 | 7.4 | 8.1 | 9.4 | 10.7 | 12.1 | 13.4 | 16.1 | 20.2 | 24.2 |

### Reference values for MDF

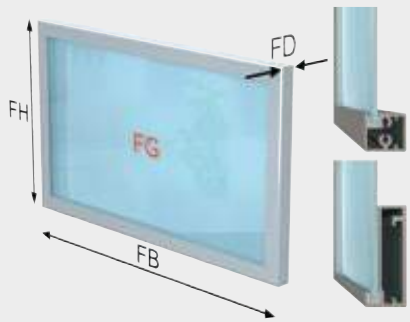
**Front thickness FD** 19 mm — **AVENTOS HF | HS | HL + handle weight**

**Density** 760 kg/m³ — **AVENTOS HK | HK-S | HK-XS + double handle weight**

**Reference values for door weight FG (kg) without handle**

| | Front width FB (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Front height FH (mm)** | **400** | **450** | **500** | **550** | **600** | **700** | **800** | **900** | **1000** | **1200** | **1500** | **1800** |
| **300** | 1.7 | 1.9 | 2.2 | 2.4 | 2.6 | 3.0 | 3.5 | 3.9 | 4.3 | 5.2 | 6.5 | 7.8 |
| **350** | 2.0 | 2.3 | 2.5 | 2.8 | 3.0 | 3.5 | 4.0 | 4.5 | 5.1 | 6.1 | 7.6 | 9.1 |
| **400** | 2.3 | 2.6 | 2.9 | 3.2 | 3.5 | 4.0 | 4.6 | 5.2 | 5.8 | 6.9 | 8.7 | 10.4 |
| **450** | 2.6 | 2.9 | 3.2 | 3.6 | 3.9 | 4.5 | 5.2 | 5.8 | 6.5 | 7.8 | 9.7 | 11.7 |
| **500** | 2.9 | 3.2 | 3.6 | 4.0 | 4.3 | 5.1 | 5.8 | 6.5 | 7.2 | 8.7 | 10.8 | 13.0 |
| **550** | 3.2 | 3.6 | 4.0 | 4.4 | 4.8 | 5.6 | 6.4 | 7.1 | 7.9 | 9.5 | 11.9 | 14.3 |
| **600** | 3.5 | 3.9 | 4.3 | 4.8 | 5.2 | 6.1 | 6.9 | 7.8 | 8.7 | 10.4 | 13.0 | 15.6 |
| **650** | 3.8 | 4.2 | 4.7 | 5.2 | 5.6 | 6.6 | 7.5 | 8.4 | 9.4 | 11.3 | 14.1 | 16.9 |
| **700** | 4.0 | 4.5 | 5.1 | 5.6 | 6.1 | 7.1 | 8.1 | 9.1 | 10.1 | 12.1 | 15.2 | 18.2 |
| **750** | 4.3 | 4.9 | 5.4 | 6.0 | 6.5 | 7.6 | 8.7 | 9.7 | 10.8 | 13.0 | 16.2 | 19.5 |
| **800** | 4.6 | 5.2 | 5.8 | 6.4 | 6.9 | 8.1 | 9.2 | 10.4 | 11.6 | 13.9 | 17.3 | 20.8 |
| **850** | 4.9 | 5.5 | 6.1 | 6.8 | 7.4 | 8.6 | 9.8 | 11.0 | 12.3 | 14.7 | 18.4 | 22.1 |
| **900** | 5.2 | 5.8 | 6.5 | 7.1 | 7.8 | 9.1 | 10.4 | 11.7 | 13.0 | 15.6 | 19.5 | 23.4 |
| **950** | 5.5 | 6.2 | 6.9 | 7.5 | 8.2 | 9.6 | 11.0 | 12.3 | 13.7 | 16.5 | 20.6 | 24.7 |
| **1000** | 5.8 | 6.5 | 7.2 | 7.9 | 8.7 | 10.1 | 11.6 | 13.0 | 14.4 | 17.3 | 21.7 | 26.0 |
| **1040** | 6.0 | 6.8 | 7.5 | 8.3 | 9.0 | 10.5 | 12.0 | 13.5 | 15.0 | 18.0 | 22.5 | 27.0 |

## Width and narrow alu frames




| | |
|---|---|
| FH | Front height |
| FB | Front width |
| FD | Front thickness |
| FG | Door weight |

**Calculating the door weight**

FG (kg) = FH (m) x FB (m) x FD (m) x density (kg/m³)

**Note**

The handle weight must be taken into account for lift mechanism selection

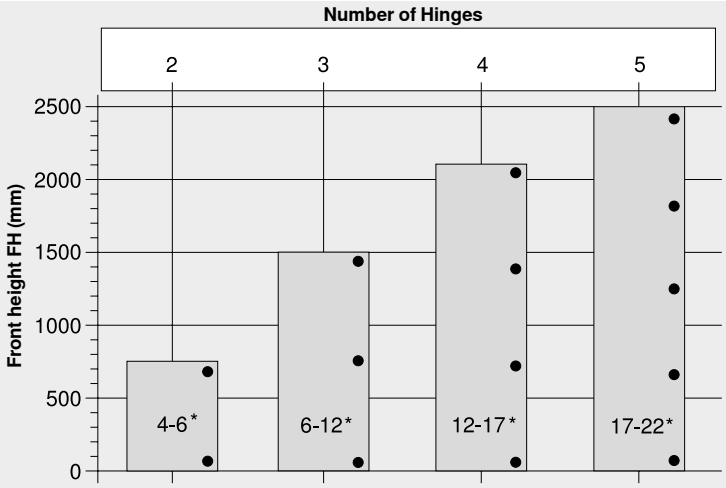
**Reference values for alu frames | glass**

| | | |
|---|---|---|
| **Front thickness FD** | Alu frames 19 mm \| glass 4 mm | **AVENTOS HF \| HS \| HL + handle weight** |
| **Density** | 2500 kg/m³ | **AVENTOS HK \| HK-S \| HK-XS + double handle weight** |

**Reference values for door weight FG (kg) without handle**

| | Front width FB (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Front height FH (mm)** | **400** | **450** | **500** | **550** | **600** | **700** | **800** | **900** | **1000** | **1200** | **1500** | **1800** |
| **300** | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.7 | 3.1 | 3.5 | 3.8 | 4.6 | 5.7 | 6.8 |
| **350** | 1.9 | 2.1 | 2.3 | 2.5 | 2.7 | 3.1 | 3.5 | 4.0 | 4.4 | 5.2 | 6.5 | 7.7 |
| **400** | 2.1 | 2.3 | 2.6 | 2.8 | 3.0 | 3.5 | 4.0 | 4.4 | 4.9 | 5.9 | 7.3 | 8.7 |
| **450** | 2.3 | 2.6 | 2.8 | 3.1 | 3.4 | 3.9 | 4.4 | 4.9 | 5.5 | 6.5 | 8.1 | 9.6 |
| **500** | 2.6 | 2.8 | 3.1 | 3.4 | 3.7 | 4.3 | 4.8 | 5.4 | 6.0 | 7.1 | 8.8 | 10.6 |
| **550** | 2.8 | 3.1 | 3.4 | 3.7 | 4.0 | 4.7 | 5.3 | 5.9 | 6.5 | 7.8 | 9.6 | 11.5 |
| **600** | 3.0 | 3.4 | 3.7 | 4.0 | 4.4 | 5.0 | 5.7 | 6.4 | 7.1 | 8.4 | 10.4 | 12.4 |
| **650** | 3.3 | 3.6 | 4.0 | 4.3 | 4.7 | 5.4 | 6.2 | 6.9 | 7.6 | 9.0 | 11.2 | 13.4 |
| **700** | 3.5 | 3.9 | 4.3 | 4.7 | 5.0 | 5.8 | 6.6 | 7.4 | 8.1 | 9.7 | 12.0 | 14.3 |
| **750** | 3.7 | 4.1 | 4.6 | 5.0 | 5.4 | 6.2 | 7.0 | 7.8 | 8.7 | 10.3 | 12.8 | 15.2 |
| **800** | 4.0 | 4.4 | 4.8 | 5.3 | 5.7 | 6.6 | 7.5 | 8.3 | 9.2 | 10.9 | 13.6 | 16.2 |
| **850** | 4.2 | 4.7 | 5.1 | 5.6 | 6.1 | 7.0 | 7.9 | 8.8 | 9.7 | 11.6 | 14.3 | 17.1 |
| **900** | 4.4 | 4.9 | 5.4 | 5.9 | 6.4 | 7.4 | 8.3 | 9.3 | 10.3 | 12.2 | 15.1 | 18.0 |
| **950** | 4.7 | 5.2 | 5.7 | 6.2 | 6.7 | 7.7 | 8.8 | 9.8 | 10.8 | 12.8 | 15.9 | 19.0 |
| **1000** | 4.9 | 5.5 | 6.0 | 6.5 | 7.1 | 8.1 | 9.2 | 10.3 | 11.3 | 13.5 | 16.7 | 19.9 |
| **1040** | 5.1 | 5.7 | 6.2 | 6.8 | 7.3 | 8.4 | 9.5 | 10.7 | 11.8 | 14.0 | 17.3 | 20.7 |

## Number of Hinges



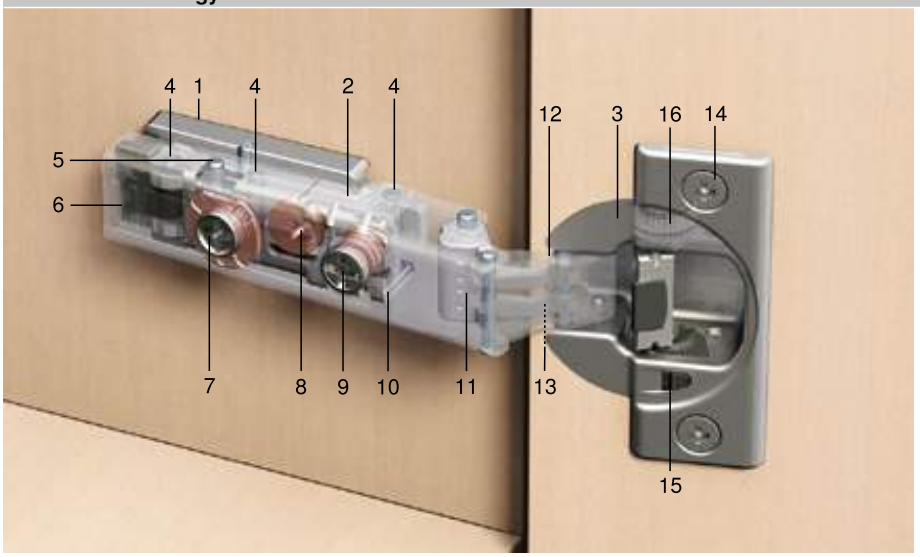

* Door weight FG (kg)

The number of hinges depends on the door weight and front height

To achieve good stability, distances between hinges should be as large as possible

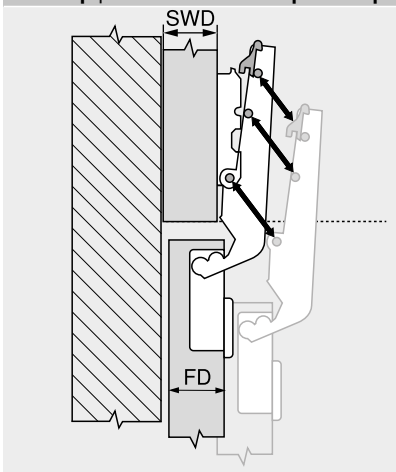
Information on weight and height apply to a standard door width of 600 mm

## Parts and technology



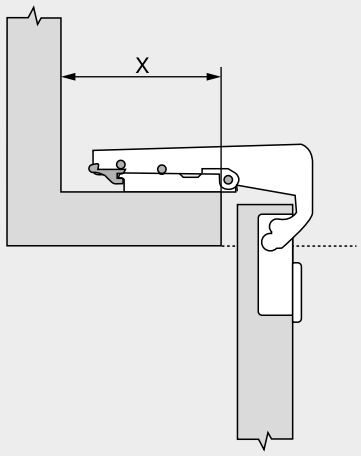

| Composed of: | |
|---|---|
| 1 | Mounting plate |
| 2 | Hinge arm |
| 3 | Hinge boss |
| 4 | Three location pins |
| 5 | Safety locking pin |
| 6 | CLIP mechanism |
| 7 | Spiral screw (depth adjustment) |
| 8 | Cam height adjustment (on mounting plate) |
| 9 | Side adjustment screw |
| 10 | Plate holder |
| 11 | Closing mechanism |
| 12 | Outer link |
| 13 | Inner link |
| 14 | Fixing screws |
| 15 | Deactivation |
| 16 | BLUMOTION |

## CLIP top | CLIP: theoretical space requirement for assembly | removal



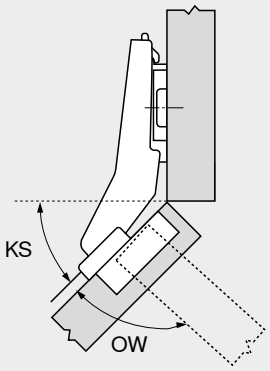

| | |
|---|---|
| SWD | Cabinet side panel thickness |
| FD | Front thickness |

| Theoretical max. door thickness FD (mm) | | | | |
|---|---|---|---|---|
| Opening angle OW | Mounting plate spacing MD (mm) | | | |
| | 0 | | 3 | |
| | Cabinet side panel thickness SWD (mm) | | | |
| | 16 | 19 | 16 | 19 |
| 100° | 21 | 24 | 24 | 27 |
| 107° | 20 | 23 | 23 | 26 |
| 110° | 20 | 23 | 23 | 26 |
| 110° special | 18 | 21 | 21 | 24 |
| 120° | 20 | 23 | 23 | 26 |
| 120° special | 18 | 21 | 21 | 24 |
| 155° | 9 | 12 | 12 | 15 |
| 170° | 19 | 22 | 22 | 25 |
| 95° | 26 | 29 | 29 | 32 |
| 110° hinge for thin doors | 11 | 14 | 14 | 17 |
| 94° | 17 | 20 | 20 | 23 |




| Consider space requirements for removal! | |
|---|---|
| Hinge | X min. (mm) |
| 79B99x0 | 86 |
| 79B95x0 | 70 |
| 78T9550.TL | 70 |
| 99B9550 | 28 |

## Angle definitions

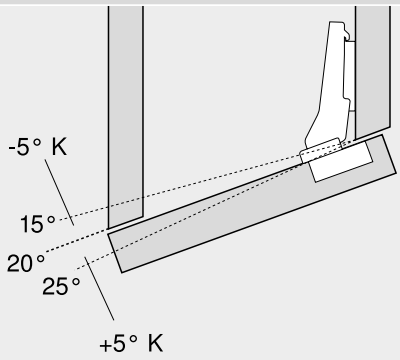



| | |
|---|---|
| KS | Cabinet angle = overlay application |
| | E.g. 45° |
| OW | Opening angle |
| | E.g. 95° |

**The given opening angle can be decreased slightly through:**

- Small front gap
- Thick fronts
- Large boss drilling distance
- Side adjustment towards the smaller front overlay

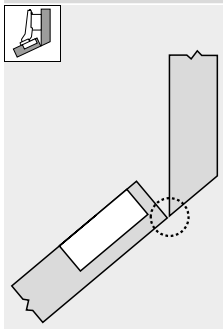
**Applications from –50° to +50° are feasible**




E.g. 20° hinge
K with +5° / –5° angled spacer

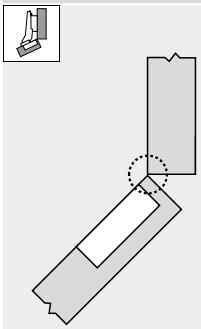
## Applications

### Inset application



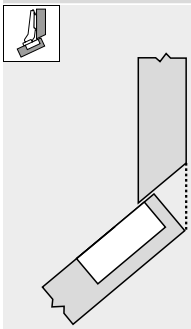
Outer edge of door and inner edge of cabinet are flush

### Half overlay application



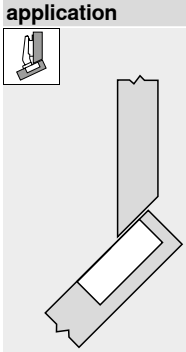
Inner edge of door and inner edge of cabinet are flush

### Overlay application



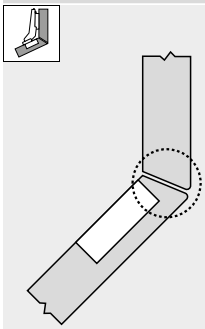
Outer edge of door and outer edge of cabinet are in a line

### Maximum overlay application



Dependent on hinge design

### Mitred application



Inner and outer edges of door and cabinet are flush

### How to achieve the relevant application:

- Angled hinges
- Mounting plate fixing
- Angled spacers
- Hinge adjustment
- Mounting plate height

## Angle and cranking marked on angled hinge

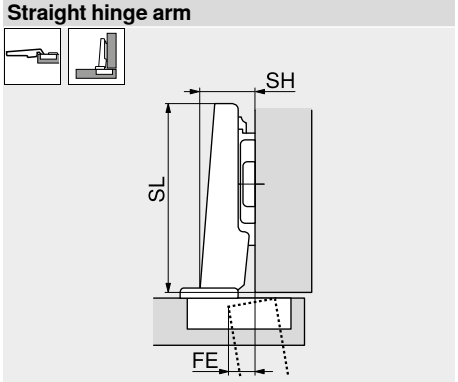


| | |
|---|---|
| E.g. 30° II | |
| 30° | Cabinet angle |
| II | Cranking overlay application |

| Cranking | |
|---|---|
| I | Half overlay application |
| II | Overlay application |
| III | Maximum overlay application |

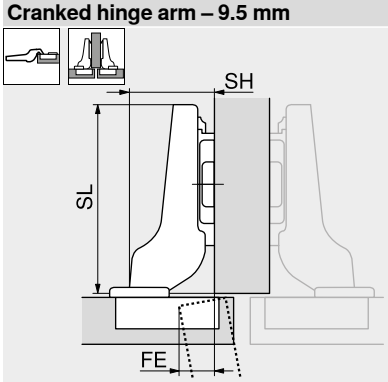
## Hinge dimensions

### Overlay application
**Straight hinge arm**



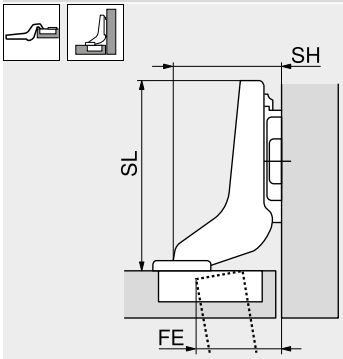

| | |
|---|---|
| SH | Hinge arm height |
| SL | Hinge arm length |
| FE | Front protrusion |

### Dual application
**Cranked hinge arm – 9.5 mm**




| | |
|---|---|
| SH | Hinge arm height |
| SL | Hinge arm length |
| FE | Front protrusion |

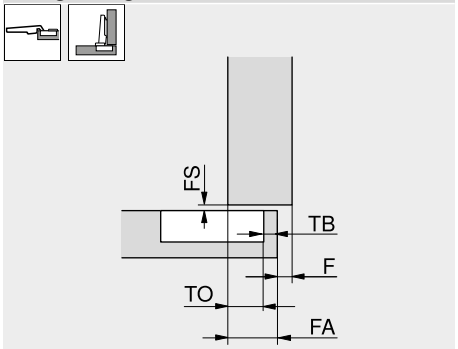
### Inset application
**Double cranked arm – 18 mm**




| | |
|---|---|
| SH | Hinge arm height |
| SL | Hinge arm length |
| FE | Front protrusion |

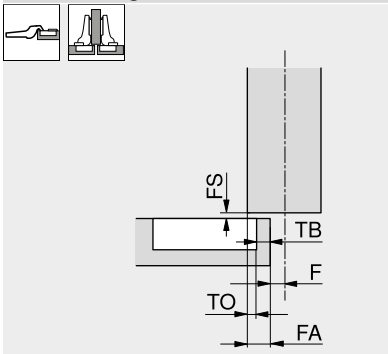
## Installation dimensions

### Overlay application
**Straight hinge arm**



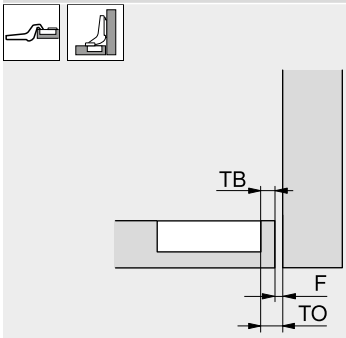

| | |
|---|---|
| FS | Front gap |
| TB | Drilling distance |
| TO | Boss overlay (fixed dimension) |
| FA | Front overlay |
| F | Gap |

### Dual application
**Cranked hinge arm – 9.5 mm**




| | |
|---|---|
| FS | Front gap |
| TB | Drilling distance |
| TO | Boss overlay (fixed dimension) |
| FA | Front overlay |
| F | Gap |

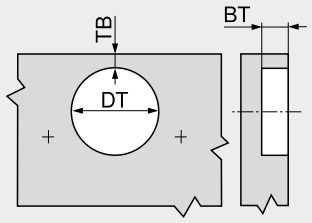
### Inset application
**Double cranked arm – 18 mm**




| | |
|---|---|
| TB | Drilling distance |
| TO | Boss overlay (fixed dimension) |
| F | Gap |

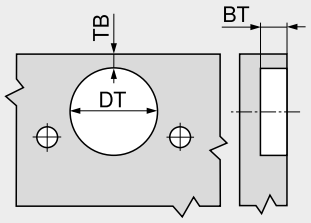
## Hinge boss dimensions and drilling patterns

### Screw-on



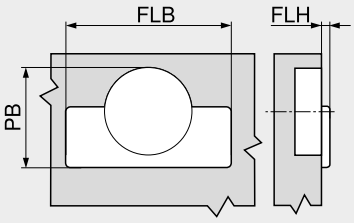

| | |
|---|---|
| BT | Drilling depth |
| TB | Drilling distance |
| DT | Diameter of hinge boss drilling |

### INSERTA | knock-in



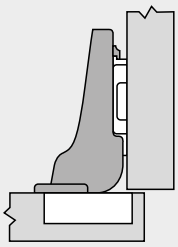

| | |
|---|---|
| BT | Drilling depth |
| TB | Drilling distance |
| DT | Diameter of hinge boss drilling |

### Hinge boss dimensions

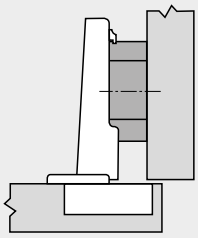



| | |
|---|---|
| FLB | Flange width |
| FLH | Flange height |
| PB | Space requirement |

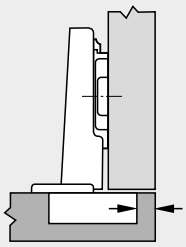
## How to alter the front overlay



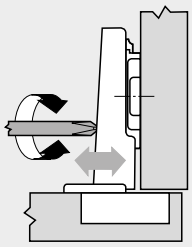
Hinge cranking



Use spaced mounting plate

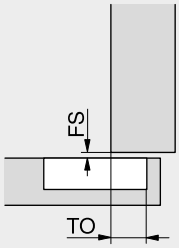


Alter drilling distance



Side adjustment

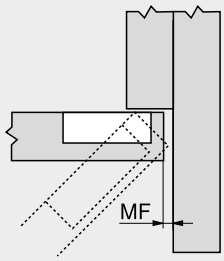
## Factory setting | zero position for overlay application

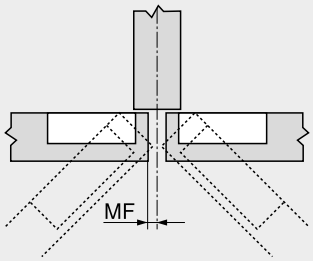


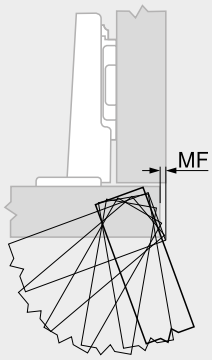

| | |
|---|---|
| FS | Front gap |
| TO | Boss overlay (fixed dimension) |

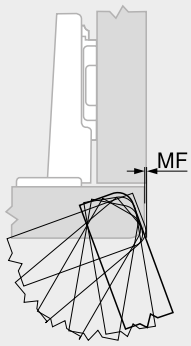
| | CLIP top BLUMOTION \| CLIP top \| CLIP | | MODUL | | Tolerance |
|---|---|---|---|---|---|
| **Boss overlay TO (mm)** | 100°–170° | 11.0 | 100° | 11.0 | |
| **Fixed dimension** | 110° \| 120° special | 13.0 | – | – | ±0.5 |
| | Profile/thick door | 11.0 | – | – | |
| | Mini \| glass door | 10.0 | Refrigerator door | 11.0 | |
| **Adjustment area (mm)** | 100°–170° | ±2.0 | 100° | ±2.0 | |
| **Gap** | Profile/thick door | ±2.0 | – | – | – |
| | CRISTALLO \| thin doors | ±2.0 | – | – | |
| | Mini \| glass door | +0.5 / –3.5 | Refrigerator door | ±2.0 | |
| **Front gap FS (mm)** | CLIP top BLUMOTION \| CLIP top | 1.5 | – | – | ±0.4 |
| | CLIP | 1.2 | – | – | |
| **Adjustment area (mm)** | CLIP top BLUMOTION \| CLIP top | –2 / +3 | 100° | ±2.0 | |
| **Depth** | CLIP | –1 / +3 | Refrigerator door | ±2.0 | ±0.5 |
| | Mini \| glass door | ±2.0 | – | – | |

## Minimum gap



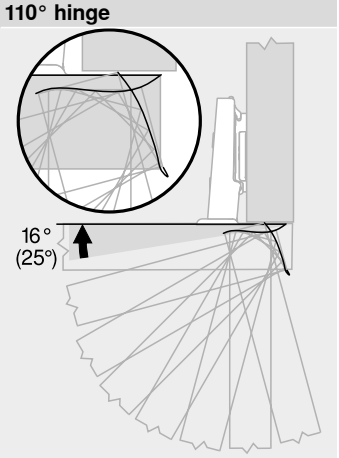




| | |
|---|---|
| MF | Minimum gap |
| | Required to open door |

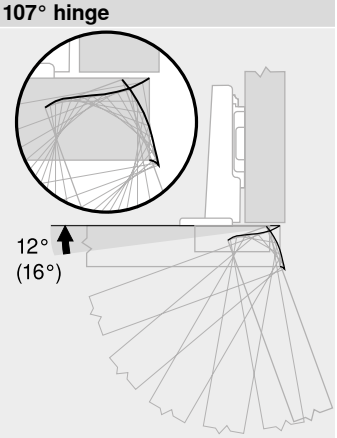
The minimum gap is based on doors with 1 mm radiused edges
With more pronounced radiuses the gaps can be reduced

### 110° hinge



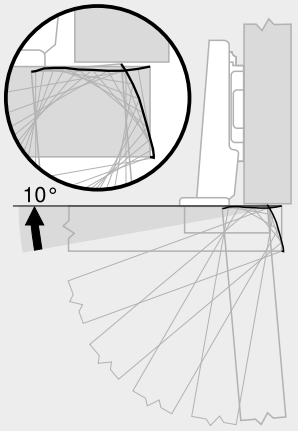

() CLIP top BLUMOTION

### 107° hinge

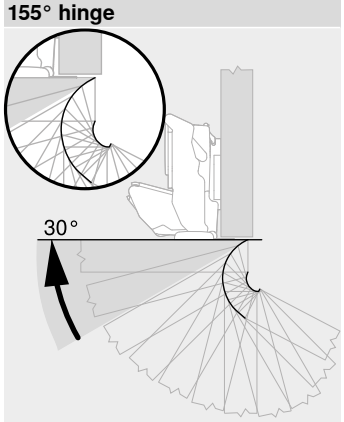



() CLIP top BLUMOTION

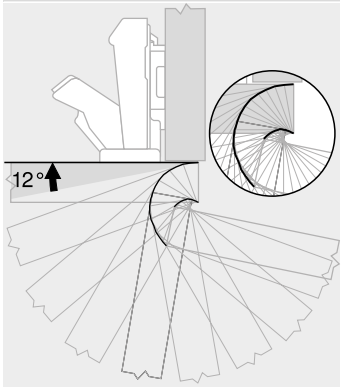
### 100° hinge



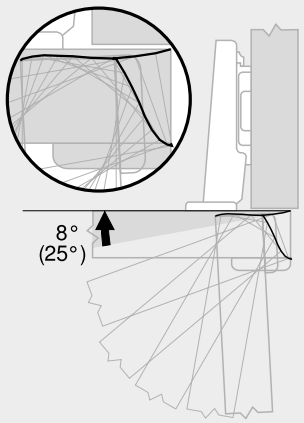

### 155° hinge




### 170° hinge

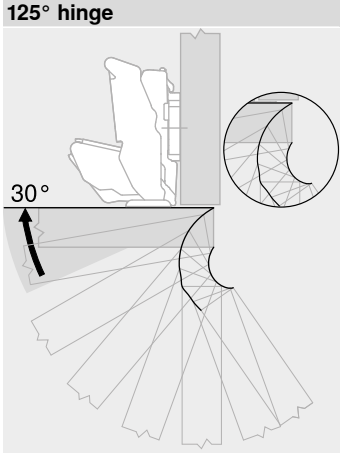



### Profile/thick door hinge

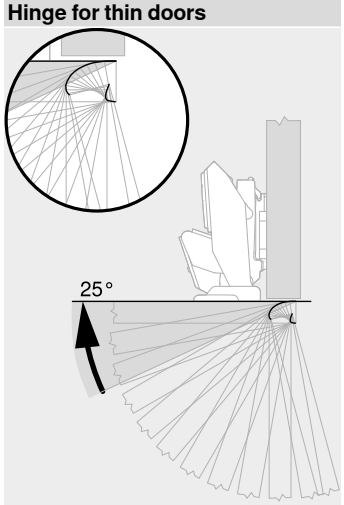



() CLIP top BLUMOTION

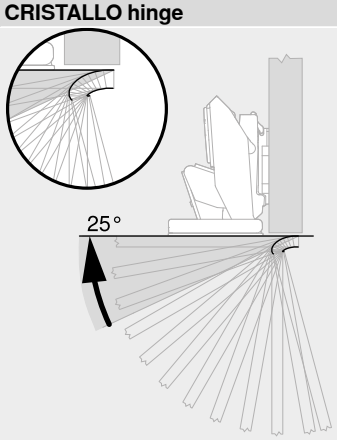
### 125° hinge



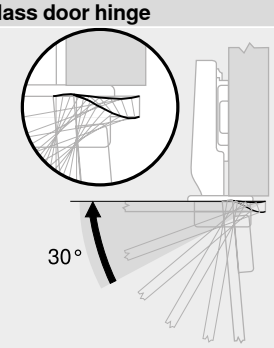

### Hinge for thin doors



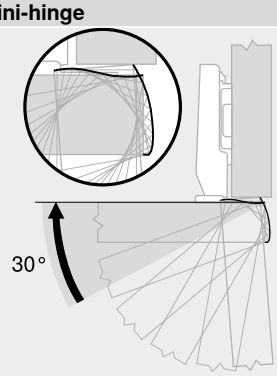

### CRISTALLO hinge



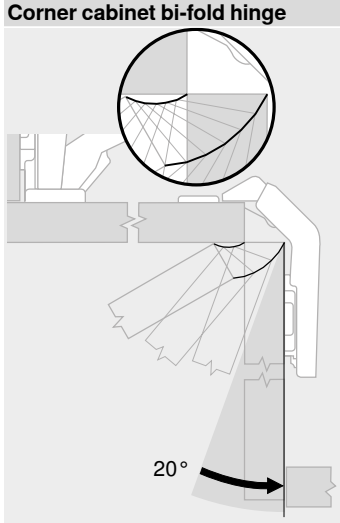

### Glass door hinge




### Mini-hinge




### Corner cabinet bi-fold hinge

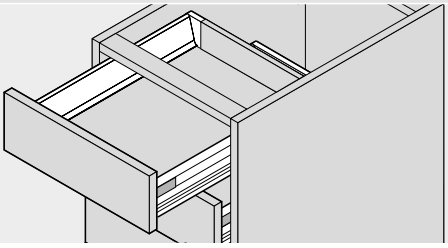



**Note**

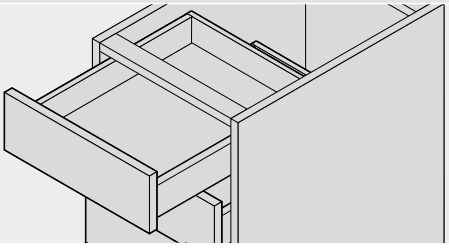
The maximum opening angle can be limited depending on the door shape, door thickness and hinge setting



## Metal drawer side drawer



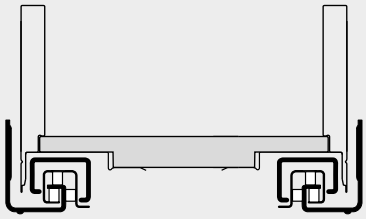
## Wooden drawer



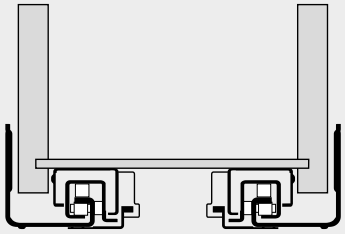
## Concealed

### Full extension

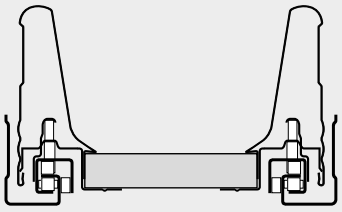
#### LEGRABOX 750 | 753



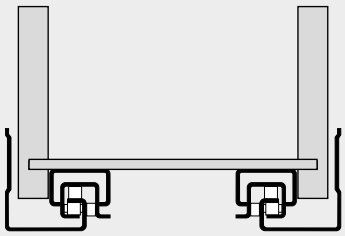
#### MOVENTO 760H | 766H



#### TANDEMBOX 578 | 576

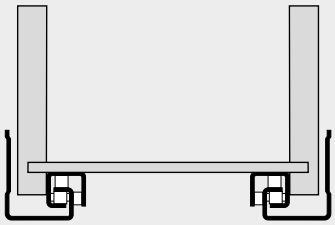


#### TANDEM 560H | 566H | 561H



### Single extension

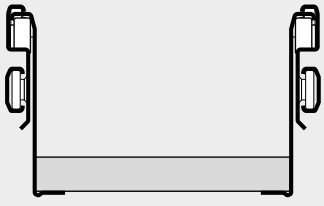
#### TANDEM 550H | 551H



## Visible

### Full extension

#### METABOX 330



#### STANDARD 430



### Single extension

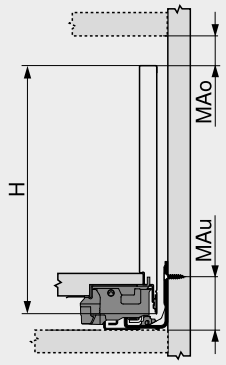
#### METABOX 320



#### STANDARD 230

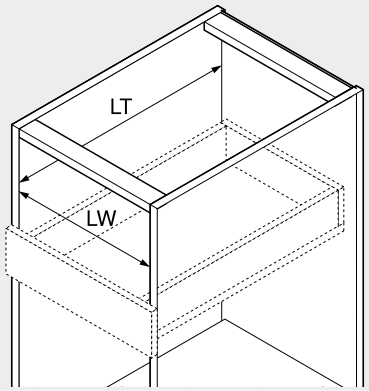


## Space requirement in cabinet



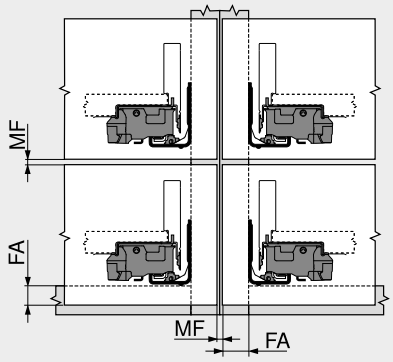

| | |
|---|---|
| H | Drawer side height |
| MAo | Min. distance top |
| MAu | Min. distance bottom |

## Cabinet dimensions



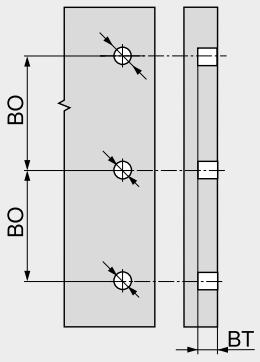

| | |
|---|---|
| LW | Internal cabinet width |
| LT | Internal cabinet depth |

## Front overlay | min. gap



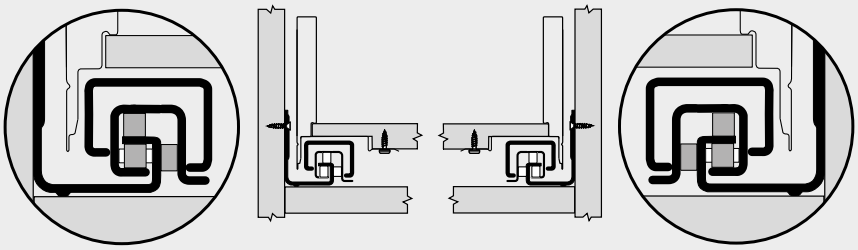

| | |
|---|---|
| MF | Minimum gap |
| FA | Front overlay |

## Drilling pattern front fixing brackets



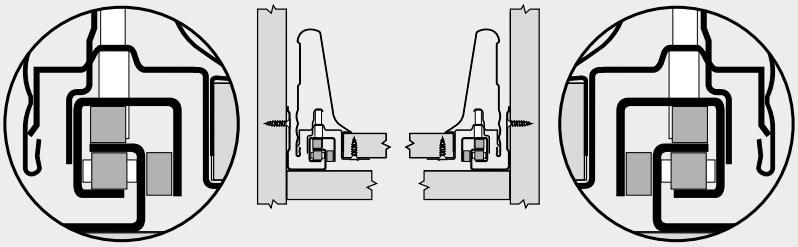

| | |
|---|---|
| BT | Drilling depth |
| BO | Drilling distance |

## LEGRABOX



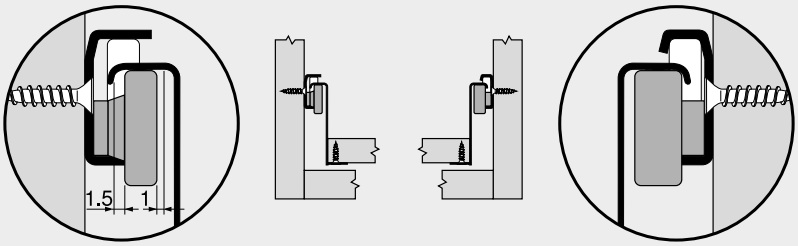
Built-in tolerance compensation ±1.5 mm

## TANDEMBOX



Built-in tolerance compensation ±1.5 mm

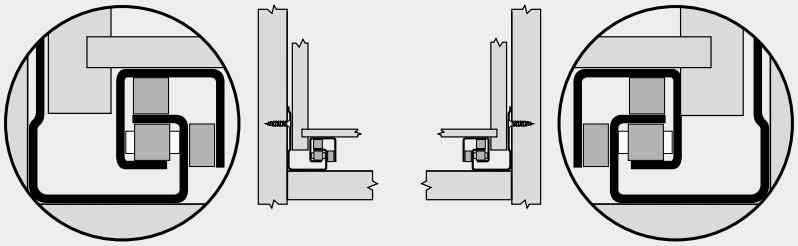
## METABOX




Left tolerance compensation +1.5 / –1 mm

Right guided

## MOVENTO | TANDEM

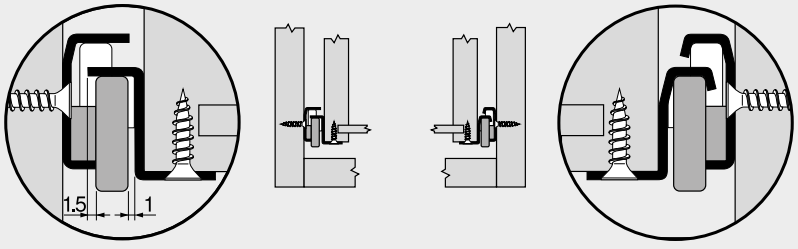


Tolerance compensation (drawer width)
Up to max. 16.0 mm Side panel thickness: +1.5 / –0 mm*

* MOVENTO
Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal width of the drawer SKW

Right guided

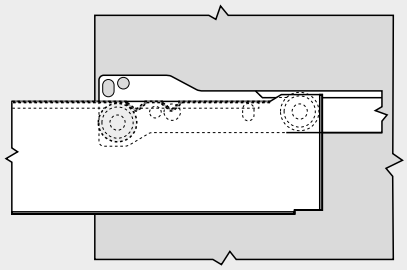
## STANDARD



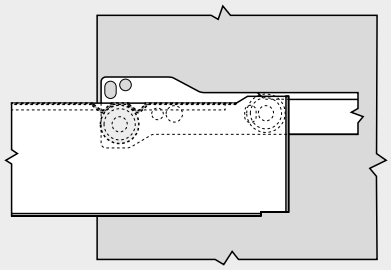

Left tolerance compensation +1.5 / –1 mm

Right guided

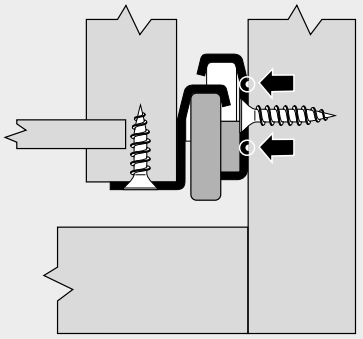
## Stop design and screw head protection for roller runners



Standard pull-out stop at first indentation



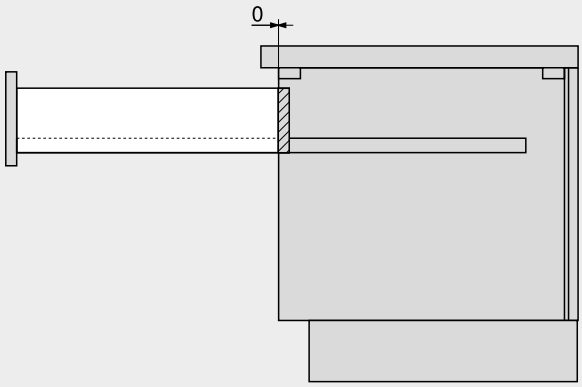
Lock open position (e.g. for cleaning of drawer), roller locates between 1st and 2nd indentation



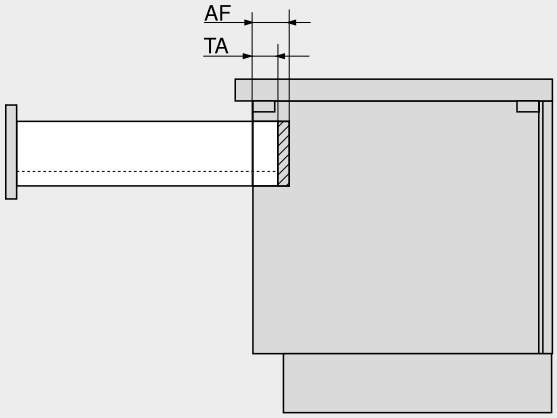
Spacing beads prevent rollers from fouling protruding screw heads

## Loss of extension

### Full extension

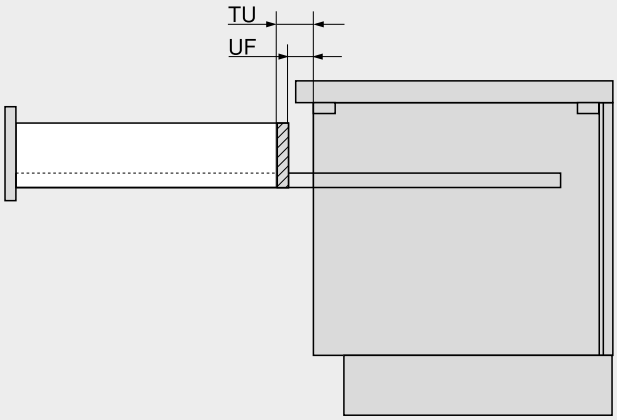



### Single extension



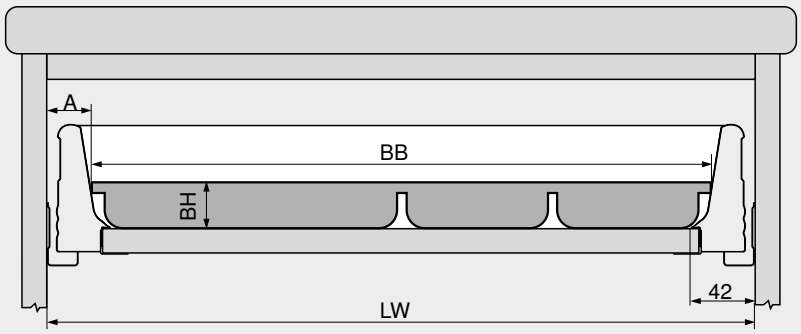

| | |
|---|---|
| AF | Loss of extension of runner system |
| TA | Actual loss of extension |

### Over extension




| | |
|---|---|
| UF | Over extension of runner system |
| TU | Actual over extension |

## TANDEMBOX

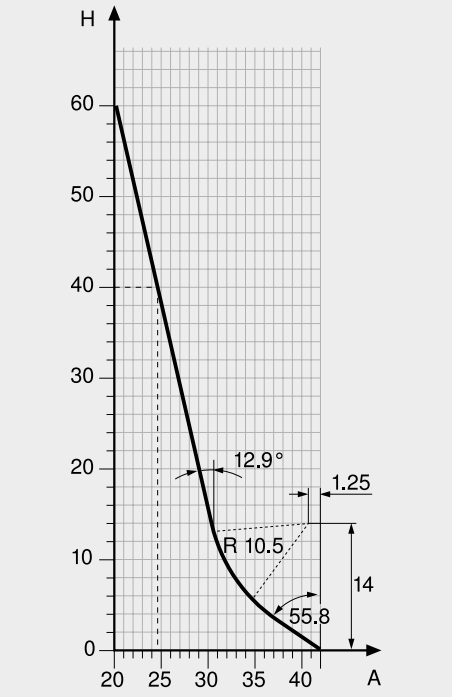



The curved design of drawer sides of TANDEMBOX must be taken into account when calculating the width of the cutlery insert.
The cutlery insert width required is dependant upon the cutlery insert height.

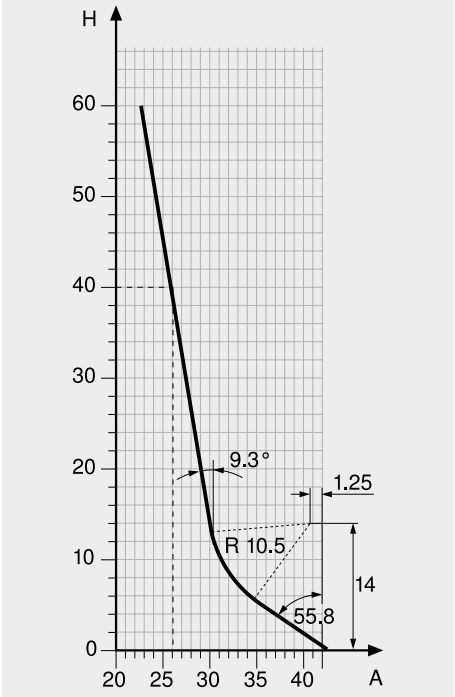
**Cutting dimensions for cuttlery insert**
Height BH as desired
Length = nominal length of drawer side – 26 mm
Width BB = internal cabinet width LW – 2 x A

**Example – height of drawer side M**
Cutlery insert height BH = 40 mm
Internal cabinet width LW = 330 mm
Cutlery insert width BB = 330 – 2 x 26 = 278 mm

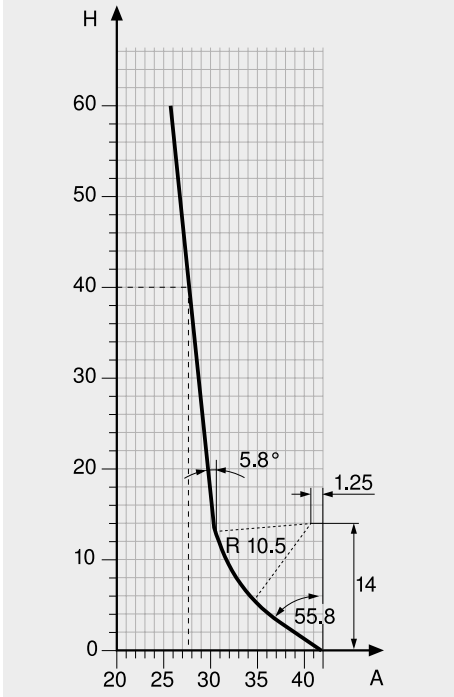
### Height of drawer side N



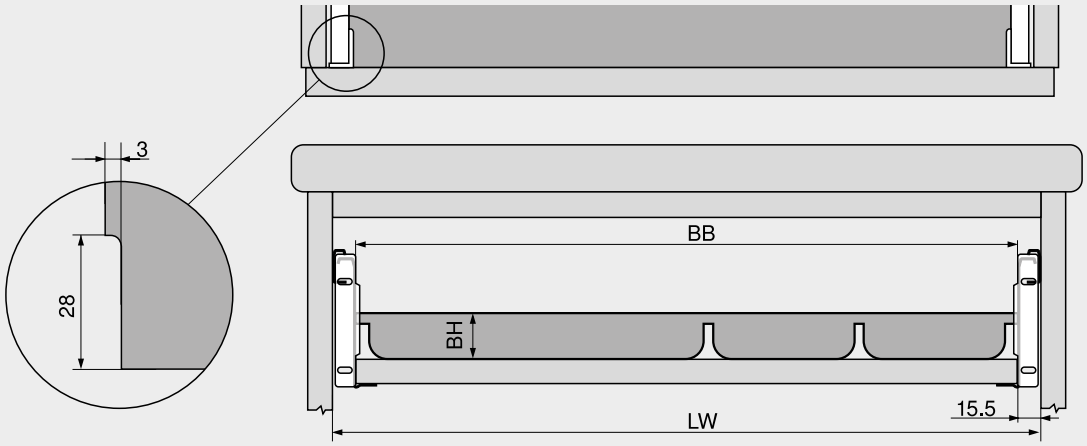

### Height of drawer side M




### Height of drawer side K



## METABOX

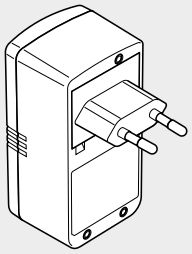



Cutlery inserts need to be cut out on both sides to make room for the protruding front fixing brackets.

**Cutting dimensions for cutlery insert**
Height BH as desired
Wooden back: length = nominal length of drawer side – 2 mm – back thickness
Steel back: length = nominal length of drawer side – 16 mm
Width BB = internal cabinet width LW – 31 mm
For cut-out dimensions, see drawing opposite

## SERVO-DRIVE set – network adapter (x)

### E

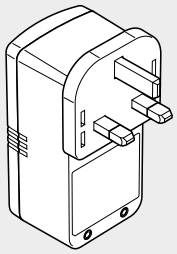


| Part no. | Market | | | | |
|---|---|---|---|---|---|
| Z10NA30xy [1] | Afghanistan | Croatia | Hungary | Monaco | Seychelles |
| Z10T__3Wxy1 [2] | Albania | Czech Republic | Iceland | Mongolia | Slovakia |
| Z10NA30xyF [3] | Algeria | Democratic Republic of the Congo | India | Morocco | Slovenia |
| | Angola | Denmark | Indonesia | Mozambique | South Africa |
| | Armenia | Ecuador* | Iraq* | Namibia | Spain |
| | Austria | Egypt* | Israel | Netherlands | Sudan* |
| | Azerbaijan | Estonia | Italy | New Caledonia | Sweden |
| | Bangladesh | Faroe Islands | Jordan* | North Korea | Switzerland |
| | Barbados* | Finland | Kazakhstan | Norway | Syria |
| | Belarus | France | Kuwait* | Pakistan | Tadzhikistan |
| | Belgium | French polynesia (Tahiti)* | Kyrgyzstan | Paraguay | Tunisia |
| | Benin | Gabon | Latvia | Peru* | Turkey |
| | Bolivia* | Gambia | Lebanon* | Poland | Turkmenistan |
| | Bosnia and Herzegovina | Georgia | Liberia* | Portugal | U.A.E.* |
| | Brazil | Germany | Libya* | Qatar* | Ukraine |
| | Bulgaria | Ghana* | Liechtenstein | Reunion | Uruguay |
| | Burundi | Gibraltar* | Lithuania | Romania | Uzbekistan |
| | Cameroon | Greece | Luxembourg | Russia | Yemen* |
| | Canary Islands | Greenland | Macedonia | Rwanda | Zambia |
| | Central African Republic | Guadeloupe | Mauritius* | San Marino | Zimbabwe* |
| | Chile | Guyana* | Moldova | Serbia | |

[1] SERVO-DRIVE uno for bottom mount waste bin solutions
[2] SERVO-DRIVE uno for top mount waste bin solutions
[3] Blum plug-in transformer 12 W
* More than one input adapter can be used (depending on the house wiring)

x Network adapter
y Language package
__ Cabinet width KB

### B

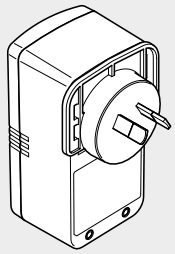


| Part no. | Market | |
|---|---|---|
| Z10NA30xy [1] | Bahrain | Nigeria |
| Z10T__3Wxy1 [2] | Bangladesh | Oman* |
| Z10NA30xyF [3] | Belize* | Qatar |
| | Botswana | Saudi Arabia* |
| | Cyprus | Seychelles* |
| | Egypt | Singapore |
| | Ghana* | Sri Lanka* |
| | Gibraltar* | Sudan* |
| | Guyana* | U.A.E.* |
| | Honduras | Uganda |
| | Hong Kong | United Kingdom |
| | Iraq* | Vietnam* |
| | Ireland | Yemen* |
| | Jordan* | Zambia |
| | Kenya | Zimbabwe* |
| | Kuwait* | |
| | Lebanon* | |
| | Libya* | |
| | Malaysia | |
| | Malta | |
| | Mauritius* | |

[1] SERVO-DRIVE uno for bottom mount waste bin solutions
[2] SERVO-DRIVE uno for top mount waste bin solutions
[3] Blum plug-in transformer 12 W
* More than one input adapter can be used (depending on the house wiring)

x Network adapter
y Language package
__ Cabinet width KB

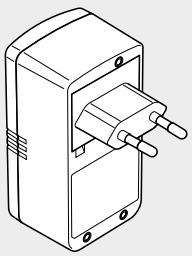
### K



| Part no. | Market |
|---|---|
| Z10NA30xy [1] | Australia |
| Z10T__3Wxy1 [2] | Fiji |
| Z10NA30xyF [3] | New Zealand |
| | Papua New Guinea |

[1] SERVO-DRIVE uno for bottom mount waste bin solutions
[2] SERVO-DRIVE uno for top mount waste bin solutions
[3] Blum plug-in transformer 12 W
x Network adapter
y Language package
__ Cabinet width KB

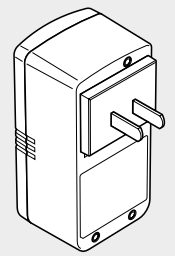
### R



| Part no. | Market |
|---|---|
| Z10NA30xy [1] | Brazil |
| Z10T__3Wxy1 [2] | South Korea |
| Z10NA30xyF [3] | Thailand |

[1] SERVO-DRIVE uno for bottom mount waste bin solutions
[2] SERVO-DRIVE uno for top mount waste bin solutions
[3] Blum plug-in transformer 12 W
x Network adapter
y Language package
__ Cabinet width KB

### N

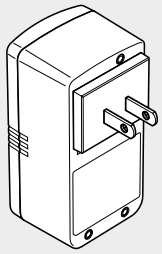


| Part no. | Market |
|---|---|
| Z10NA30xy [1] | China |
| Z10T__3Wxy1 [2] | |
| Z10NA30xyF [3] | |

[1] SERVO-DRIVE uno for bottom mount waste bin solutions
[2] SERVO-DRIVE uno for top mount waste bin solutions
[3] Blum plug-in transformer 12 W
x Network adapter
y Language package
__ Cabinet width KB

## SERVO-DRIVE set – network adapter (x)

**U**

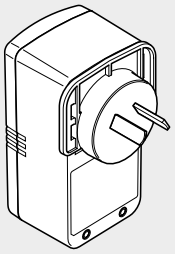


| Part no. |
|---|
| Z10NA30xy [1] |
| Z10T__3Wxy1 [2] |
| Z10NA30xyF [3] |

| Market | |
|---|---|
| Bahamas | Libya* |
| Barbados* | Mexico |
| Belize* | Nicaragua |
| Bermuda | Oman* |
| Bolivia* | Panama |
| Caiman Islands | Peru* |
| Cambodia | Philippine |
| Canada | Puerto Rico |
| Columbia | Saudi Arabia* |
| Costa Rica | Sri Lanka* |
| Cuba | Taiwan |
| Dominican Republic | Trinidad and Tobago |
| Ecuador* | USA |
| El Salvador | Venezuela |
| French polynesia (Tahiti)* | Vietnam* |
| Guatemala | |
| Guyana* | |
| Haiti | |
| Jamaica | |
| Japan | |
| Liberia* | |

| | |
|---|---|
| 1 | SERVO-DRIVE uno for bottom mount waste bin solutions |
| 2 | SERVO-DRIVE uno for top mount waste bin solutions |
| 3 | Blum plug-in transformer 12 W |
| * | More than one input adapter can be used (depending on the house wiring) |
| x | Network adapter |
| y | Language package |
| __ | Cabinet width KB |

**A**

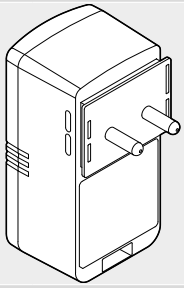


| Part no. |
|---|
| Z10NA30xy [1] |
| Z10T__3Wxy1 [2] |
| Z10NA30xyF [3] |

| Market |
|---|
| Argentina |

| | |
|---|---|
| 1 | SERVO-DRIVE uno for bottom mount waste bin solutions |
| 2 | SERVO-DRIVE uno for top mount waste bin solutions |
| 3 | Blum plug-in transformer 12 W |
| x | Network adapter |
| y | Language package |
| __ | Cabinet width KB |

**H**



| Part no. |
|---|
| Z10NA30xy [1] |
| Z10T__3Wxy1 [2] |
| Z10NA30xyF [3] |

| Market |
|---|
| India |

| | |
|---|---|
| 1 | SERVO-DRIVE uno for bottom mount waste bin solutions |
| 2 | SERVO-DRIVE uno for top mount waste bin solutions |
| 3 | Blum plug-in transformer 12 W |
| x | Network adapter |
| y | Language package |
| __ | Cabinet width KB |

| Market | Address | | |
|---|---|---|---|
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| | 16270 ALGER | Mobil | 00 213 550 60 60 52 /53 /56 /57 |
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| | 1505 SOFIJA | E-mail | intralim@techno-link.com |
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| | ON, L5T 2A8 | Fax | +1/905/670-7929 |
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| | frente al Centro Comercial Atlantis | E-mail | ventas.cr@eurocomponentes.net |
| | San José, Costa Rica | Internet | www.eurocomponentes.net |
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| | 42, Propyleon Street | Fax | +357-22-313774 |
| | Strovolos Ind. Estate | E-mail | info@hhfurnishing.com |
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| | República Dominicana | Internet | alcomponentes.com |
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| **Egypt** | Elsallab Co. for Trading & Distribution | Telephone | +20/2/22734113 |
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| **Hong Kong** | Blum Furniture Hardware Hongkong Ltd.<br>Unit 2505 25/F, Nanyang Plaza<br>57 Hung To Road, Kwun Tong<br>Hong Kong SAR, China | Telephone<br>Fax<br>E-mail<br>Internet | +852/25722816<br>+852/25722817<br>info.hk@blum.com<br>www.blum.com.hk |
| **Hungary** | Blum Hungária Kft.<br>2600 Vác<br>Gödöllői út 16/14<br>HUNGARY | Telephone<br>Fax<br>E-mail<br>Internet | +36/27/510 140<br>+36/27/510 141<br>info.hu@blum.com<br>www.blum.com |
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| **India** | Hafele India Pvt. Ltd.<br>Office No. 3, Building "A", BETA, I Think Techno Campus<br>Off J.V.L.R, Opp Kanjurmarg Station<br>Kanjurmarg (E), Mumbai 400 042, India | Telephone<br>E-mail<br>Internet | 022 6142 6142<br>info@hafeleindia.com<br>www.hafeleindia.com |
| **Indonesia** | PT. Indofitting Lestari<br>Jl. Agung Timur 9 Blok 01/33<br>Sunter Podomoro<br>Jakarta 14350, Indonesia | Telephone<br>Fax<br>E-mail | +62/21/6508743-44<br>+62/21/6508746<br>marketing@indofitting.net |
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| **Ireland** | Frank Flanagan Fittings,<br>Falcon House, Dublin Airport Logistics Park<br>St. Margarets, Co. Dublin<br>Ireland | Telephone<br>Fax<br>E-mail<br>Internet | +353-1-8448400<br>+353-1-8448409<br>sales@fff.ie<br>www.fff.ie |
| **Israel** | Bluran Import & Distribution Ltd.<br>2nd Ha'Mada St., P.O.Box 5235<br>Rishon-Lezion 7515102<br>ISRAEL | Telephone<br>Fax<br>E-mail<br>Internet | +972/732/310360<br>+972/732/310361<br>bluran@bluran.co.il<br>www.bluran.co.il |
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| **Libya** | Azaria Limited Trading Co.<br>P.O.BOX: 76076<br>Janzur second ring road<br>TRIPOLI, LIBYA | Telephone<br>Fax<br>E-mail | +218 21 4894 307<br>+218 21 4894 307<br>info@azaria.ly |
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| Term | Explanation | Page |
|---|---|---|
| **0** | | |
| **0-protrusion** | Hinge with special geometry that ensures the door does not protrude into the cabinet aperture when opened | 104<br>112 |
| **3** | | |
| **3 dimensional adjustment** | Side, height and depth adjustment | 96<br>224 |
| **4** | | |
| **4 dimensional adjustment** | Side, height and depth adjustment and tilt adjustment | 436 |
| **A** | | |
| **Actual loss of extension** | Dimension from front of cabinet to the inside of the drawer back | 703 |
| **Adapter plate** | For fixing BLUMOTION and/or TIP-ON for doors | 196<br>201 |
| **AMBIA-LINE** | Inner dividing system for LEGRABOX | 538 |
| **Angled hinge** | Hinge for angled cabinet sides, e.g. display cabinets or corner units | 138<br>696 |
| **Attachment bracket** | Attachment brackets for SERVO-DRIVE can be used when only individual pull-out units are being operated or if the installation situation does not permit a continuous bracket profile | 396<br>404 |
| **AVENTOS HF** | Lift system fitting for bi-fold lift systems | 40 |
| **AVENTOS HK** | Lift system fitting for stay lifts | 64 |
| **AVENTOS HK-S** | Lift system for small stay lifts | 74 |
| **AVENTOS HK-XS** | Lift system for very small stay lifts | 80 |
| **AVENTOS HL** | Lift system fitting for lift ups | 58 |
| **AVENTOS HS** | Lift system fitting for up & over lift systems | 52 |
| **B** | | |
| **Base router** | Machine for the precise assembly (notching) of the LEGRABOX base | 642<br>660 |
| **Bi-fold hinge** | Hinge for corner cabinet with bi-fold doors; used in combination with wide angle hinges | 118 |
| **Blind corner hinge** | Hinges for blind corners | 114<br>116<br>206 |
| **Blum dispenser rod** | The film dispenser ensures crease-free removal of plastic film | 549<br>569 |
| **Blum distance bumper** | Distance bumper for SERVO-DRIVE – ensures the required trigger path to activate the drive unit | 380<br>492 |
| **Blum plate holder** | Ergonomic solution for storing plates in the high fronted pull-out | 549<br>569 |
| **Blum plug-in transformer 12 W** | Suitable for use with an individual drive unit. The Blum plug-in transformer can be used worldwide. It converts the county-specific mains voltage to 24 V DC (direct current) | 43<br>578 |
| **Blum transformer 24 W** | The transformer can be used worldwide. It converts the county-specific mains voltage to 24 V DC (direct current) | 42<br>381<br>493<br>579 |
| **BLUMATIC** | Self closing feature – drawer closes automatically over the last closing distance to prevent bouncing out if slammed shut | 414<br>438<br>470<br>526 |
| **BLUMOTION** | Silent and effortless closing for lift systems, drawers/pull-outs and doors | 36<br>90<br>184<br>216<br>434 |
| **BLUMOTION unit** | BLUMOTION retrofit part for silent and effortless closing action for METABOX | 414<br>429 |
| **Boss drilling** | Drilling in the front for attachment of the hinge boss | 128<br>649<br>697 |
| **Boss overlay TO (fixed dimension)** | The distance by which the hinge boss overlays the cabinet side. This applies for mounting plates with 0 mm spacing | 43<br>698 |
| **Bottle rack** | Removable, easy-to-clean tray made from stainless steel | 560<br>562<br>564 |
| **BOXCAP** | Steel panel for drawer side to suit TANDEMBOX intivo | 270 |
| **BOXCOVER** | Fixing brackets for design elements of LEGRABOX free, TANDEMBOX intivo | 270 |
| **BOXFIX E-L** | Assembly device for installing LEGRABOX drawers and high fronted pull-outs | 634<br>637 |

| Term | Explanation | Page |
|---|---|---|
| **BOXFIX E-T** | Assembly device for installing TANDEMBOX drawers and high fronted pull-outs | 634<br>638 |
| **BOXFIX P** | Pneumatic assembly device for installing drawers and high fronted pull-outs | 634<br>636 |
| **Bracket profile** | The drive units are attached to the bracket profile | 380<br>492 |
| **Bracket profile adapter** | For fixing the drive unit to the horizontal bracket profile | 400<br>508 |
| **Bracket profile attachment** | For fixing the bracket profile in the cabinet | 380<br>492 |
| **Bracket profile cover cap** | Protection against contact for the open cable end at the cut edge of the bracket profile – this is used for a cabinet construction with a vertical cross member | 380<br>492 |
| **C** | | |
| **Cabinet connectors** | Connector for cabinet parts (cabinet sides, top and base, and cross rail, etc.) | 584<br>591 |
| **Cabinet profiles** | Part of the runner system that fixes to the cabinet side | 526 |
| **Cable end protector** | Protection against contact – is inserted onto the open cable end | 42<br>380<br>492 |
| **Cable holder** | For tool-free fixing of the electrical cable to the cabinet | 43<br>381<br>493 |
| **CABLOXX** | Blum locking system adding an extra layer of security to premium furniture | 584<br>586 |
| **Cam** | Offset pivot location, facilitates height adjustment | 591 |
| **Cam height adjustment** | The cam is used to adjust the height of mounting plates | 172 |
| **Centre bit** | Drill bit to pre-drill for chipboard screws | 88<br>657 |
| **Centre marking stop** | Ruler stop with height adjustable zero position for special drilling functions e.g. angled work pieces | 605 |
| **Child safety latch** | Prevents accidental opening of doors and drawers | 689 |
| **Chipboard screws** | Screws for chipboard with corresponding thread | 88<br>293 |
| **Chuck** | Sleeve for fixing to drill bit | 618 |
| **CLIP** | Hinge system with CLIP mechanism | 102 |
| **CLIP adapter plate** | CLIP adapter plates are used with AVENTOS HF fittings in combination with narrow alu frames | 46 |
| **CLIP mechanism** | Mechanism for simple and tool-free hinge assembly | 90<br>92<br>694 |
| **CLIP top** | Hinge system with reliable functionality teamed with high levels of adjustment and assembly ease | 90<br>96 |
| **CLIP top BLUMOTION** | Hinge system with maximum ease of use and integrated BLUMOTION | 90<br>96 |
| **CLIP top centre hinge** | It is positioned between the upper and lower front of an AVENTOS bi-fold lift system | 43 |
| **COMBOX** | For preventing front collisions when using SERVO-DRIVE in corner situations | 409<br>523 |
| **Connecting node** | This connecting node establishes the electrical connection between the distribution cable and the bracket profile and/or transformer | 42<br>380<br>492 |
| **Contoured profile** | To simplify cleaning of METABOX drawers | 427 |
| **Cornice** | The cornice is found on the top edge of wall cabinets | 52<br>56<br>58<br>62 |
| **Cover caps** | Decorative cover cap for lift, hinge and drawer, with the option of also being supplied printed with the customer's name | 42<br>182<br>276<br>416 |
| **Cranking** | Cranking of hinge arm to achieve dual or inset application | 697 |
| **CRISTALLO** | See "CRISTALLO" furniture hinges for glass and mirror doors. Fixing using adhesive technology without door drilling | 124<br>126<br>162 |
| **Cross divider connector** | Connection between cross dividers and gallery, BOXSIDE, BOXCAP or BOXCOVER | 545<br>560 |
| **Cross divider for cutting to size** | Has an alu profile and can be cut to size using a circular saw | 560 |



| Term | Explanation | Page |
|---|---|---|
| **Cross gallery** | Cross dividers using a gallery system | 545<br>563<br>565 |
| **Cross stabiliser** | Ensures sufficient stability when using AVENTOS HS and AVENTOS HL | 55<br>61 |
| **Cruciform mounting plate** | The hinge arm is fixed to the cruciform mounting plate | 43<br>95<br>137<br>172<br>174 |
| **Cylindrical nylon roller runners** | Runner elements made of high impact nylon in the LEGRABOX and TANDEMBOX box systems and TANDEM and MOVENTO runner systems | 464 |
| **D** | | |
| **Depth adjustment** | Adjustment of a door's position in relation to front face of cabinet | 438<br>444<br>508 |
| **Depth adjustment** | For adjusting the front depth For adjusting the door gap | 135 |
| **Design element** | Design element for LEGRABOX free, TANDEMBOX intivo, TANDEMBOX antaro; for individual wishes – can be achieved in any material | 256<br>290<br>334 |
| **Dispenser** | Cutting unit for plastic film or alu foil | 549<br>569 |
| **Distribution cable** | This electrical cable is used to supply the power required by the cabinet elements and/or drive units. Max. permitted operating voltage: 24 V DC (direct current) | 42<br>380<br>492 |
| **Dowel plates** | Mounting plate inserted by a machine or a knock-in tool. Cabinet side is pre-drilled | 172<br>211 |
| **Drawer (3-sided)** | Drawer which comprises back, base and 2 sides | 444 |
| **Drawer (4-sided)** | Drawer which comprises back, base, front and 2 sides | 444<br>486 |
| **Drawer profile** | Part of the runner system that fixes to the pull-out element | 526 |
| **Drawer sides** | Metal or wooden drawer side | 222 |
| **Drilling depth** | Drilling depth for hinge boss, mounting plates or front fixing parts | 697<br>701 |
| **Drilling depth spacer** | Makes it possible to have the same drilling pattern for work pieces of varying thickness | 618 |
| **Drilling distance** | Or boss drilling distance, measurement from edge of workpiece to edge of drilling | 696 |
| **Drilling distance TB** | The distance from the front edge to the start of the boss drilling | 44<br>97<br>205 |
| **Drilling head** | Gearbox with several spindles. Available for various drilling patterns | 602 |
| **Drilling pattern** | Drillings required to attach the hinge boss or front fixing brackets for pull-out/lift systems | 697<br>701 |
| **Drilling template** | Template for securely and accurately marking fixing positions | 642 |
| **Drilling template** | The gauge set for hinges is used for the transfer of measurements for hinge and mounting plate fixing positions. The adhesion template for CRISTALLO glass door hinges is used to determine the adhesion position for the CRISTALLO adhesion plate | 643<br>667<br>668 |
| **Drive unit** | SERVO-DRIVE drive units open lift and drawer systems as well as refrigerators and freezers | 42<br>380<br>492<br>578 |
| **Dual application** | Possible dual application; hinge application on both sides of a double cabinet. Each door overlays around half of the middle side | 696 |
| **Dynamic carrying capacity** | Total load bearing of runner (drawer, base, front weight plus load) for day-to-day use | 224 |
| **DYNAMIC SPACE** | Ideas from Blum for practical kitchens | 31 |
| **E** | | |
| **ECODRILL** | Hand-held tool for accurately drilling the Blum hinge drilling pattern | 640<br>648 |
| **EXPANDO** | Assembly with pre-mounted split dowels and special screws, for assembly by hand | 42<br>172<br>222 |
| **EXPANDO T** | Pre-assembled fixing system for thin fronts with a drilling depth of just 6 mm | 66<br>70<br>122<br>160<br>224<br>588 |

| Term | Explanation | Page |
|---|---|---|
| **F** | | |
| **Factory setting** | Or zero position. Factory-set fittings, pre-set at defined door or front positions | 97<br>698 |
| **Finger safety** | Feature on CLIP top-centre hinge for AVENTOS – avoids injury to finger if trapped between fronts when closing | 42<br>46 |
| **Fixed dimension** | Or boss overlay, is the distance the hinge boss overlays the cabinet side. This is correct for mounting plates with 0 mm spacing | 697 |
| **Flex** | A electrical cable with a plug for the respective country must be used to connect to the local power grid | 43<br>381<br>493 |
| **Frame door** | Door with frame construction, usually made from solid wood | 132 |
| **Front bracket \| front connector plate** | Fixing component used to attach fronts to high fronted pull-outs | 531 |
| **Front fixing bracket** | Front fixing component used to attach fronts to box and lift systems | 350 |
| **Front gap FS** | Gap between door and cabinet front when door is closed, see TS dimension | 698 |
| **Front gap template for LEGRABOX \| MOVENTO** | Used to adjust the front gap precisely with ease | 643<br>681<br>682 |
| **Front overlay FA** | Amount by which the front covers the cabinet side/cabinet top panel and bottom | 701 |
| **Front protrusion** | Distance by which door protrudes into the aperture of the cabinet during opening | 97<br>125 |
| **Front radius** | Front radius at front outer and front inner edge | 698 |
| **Front thickness FD** | Door thickness | 97<br>694 |
| **Front/base stabiliser** | The front stabiliser strengthens the connection between the drawer side and front | 257<br>291<br>336<br>364<br>409 |
| **Full extension** | Pull-out element can be opened completely | 412<br>437<br>466<br>525<br>703 |
| **G** | | |
| **Gallery** | Connecting rod between front and cabinet back | 220<br>272<br>298<br>346<br>412 |
| **Gap** | Gap between door and cabinet front when door is closed | 697 |
| **Glass door hinge** | Hinge for glass doors. Fixing of hinge through drilling in glass | 130<br>164<br>699 |
| **H** | | |
| **Handle and latch** | The latch connects the inner drawer to the pull-out front and enables both to be opened simultaneously | 276<br>304<br>350 |
| **Height adjustable mounting plate** | Mounting plate with integral height adjustment, one-part over elongated hole, two part or cam | 172 |
| **Height adjustment** | Adjusts height position of front/door. Changes the gap between two doors or front overlay at the top and/or bottom | 135 |
| **High fronted pull-out** | Pull-out with a high front | 354 |
| **Hinge arm cover cap** | Decorative cover for hinge arm; made of metal, can also be supplied printed with customer's brand name | 96<br>181 |
| **Hinge arm height** | Height of hinge arm, including mounting plate with 0 mm spacing | 697 |
| **Hinge arm length** | Length of hinge arm | 697 |
| **Hinge boss cover cap** | Decorative cover cap designed to hide hinge boss fixing screws | 96<br>183 |
| **Hinge boss diameter** | Diameter of hinge boss at widest point and also diameter of drilling | 697 |
| **Hinge boss flange** | Used to fix hinge boss but also acts as a cover (INSERTA) | 697 |
| **Hinge boss lip** | Lip at hinge boss edge designed to prevent the hinge from sitting at an angle in the pre-drilled hole | 697 |
| **Hinge boss spacing** | Drilling depth is reduced via hinge boss spacing | 96<br>183 |
| **Hole pattern** | Fixing positions in cabinet or drawer profile | 370 |
| **Horizontal mounting plate** | Mounting plate for horizontal attachment to the cabinet | 172<br>210 |

| Term | Explanation | Page |
|---|---|---|
| **I** | | |
| **Inner drawer \| inner pull-out** | Pull-out or drawer mounted behind a door or high fronted pull-out | 226<br>234 |
| **INSERTA** | Assembly method for tool free attachment of fittings | 96<br>276 |
| **Insertion ram** | Holds the fitting in place for machine insertion | 610<br>626 |
| **Insertion tool** | Hand held tool for assembly of knock-in fittings | 643<br>670<br>671<br>672 |
| **Inset application** | Front is set back flush between cabinet sides | 96<br>204<br>696 |
| **Internal cabinet depth LT** | Effective cabinet internal depth measured from front to back | 701 |
| **Internal cabinet width LW** | Effective cabinet internal width | 701 |
| **K** | | |
| **Kitchen accessory set** | Set with all kitchen accessories (1 knife holder, 1 film dispenser, 1 foil dispenser, 2 plate holders, 2 spice holders) | 569 |
| **Knife holder** | Stores 9 knives of various sizes | 549<br>569 |
| **Knock-in boss** | Hinge boss for knock-in assembly to door, via machine or special insertion tool | 96 |
| **L** | | |
| **Latch** | Activating the BLUMOTION function for METABOX | 414<br>429 |
| **Lateral divider** | Adjustable to keep contents from slipping out of place | 560 |
| **LEGRABOX free** | A straight, sleek box system with large design elements for various design variants | 218<br>220<br>240 |
| **LEGRABOX pure** | A straight, sleek box system with matt, metallic surfaces | 218<br>220<br>222 |
| **Lever arm** | Lever arm for AVENTOS HS und HL, connects the lift mechanism to the front | 54<br>60 |
| **Lever cap** | Prevents the lever of the SERVO-DRIVE drive unit colliding with the steel back in the case of LEGRABOX height M with a LW of 267–286 mm | 380<br>386<br>400<br>404 |
| **Lift mechanism** | Assists the opening of AVENTOS with its spring package and variable stop | 42<br>54<br>60<br>66<br>76 |
| **Lock-open stop** | Drawer can be locked into the open position | 703 |
| **Lock-out stop** | Prevents accidental removal of drawer, either with additional part or integrated into system | 689 |
| **Locking device** | Part connecting runner and pull-out | 468 |
| **Longside gallery rail** | Can also be used for front tilt adjustment | 354 |
| **M** | | |
| **Marking template** | To mark the fixing positions of fittings | 643<br>674<br>675 |
| **Marking template** | Template for determining the fixing positions for the INSERTA gallery | 643<br>679 |
| **METABOX** | Single walled box system made of steel | 410 |
| **METAFILE** | Pull-out element for A4 sized hanging files in homes and offices | 367<br>428 |
| **Mini-hinge** | For fronts with narrow frames | 132<br>168 |
| **MINIFIX** | The template is used to screw the METABOX and STANDARD cabinet profile on directly and ensure squareness | 642<br>657 |
| **Minimum gap** | Gap for opening a front (depending on hinge type and front thickness) and/or a pull-out | 697<br>701 |
| **MINIPRESS M** | Drilling and insertion machine operated using lighting current for the drilling and insertion of fittings | 596<br>622 |
| **MINIPRESS P** | Pneumatic drilling and insertion machine for the drilling and insertion of fittings | 596<br>618 |

| Term | Explanation | Page |
|---|---|---|
| **MINIPRESS PRO** | Drilling and insertion machine for vertical drilling and the insertion of fittings | 596<br>606 |
| **Mitred applications** | Application with a front with a bevelled edge | 38<br>106 |
| **MODUL** | Hinge with slide-on and screw-on technology | 202 |
| **Mounting plate for dual application** | The mounting plate is installed in the same position on both sides of the middle panel | 172<br>210 |
| **MOVENTO** | Runner system with four-dimensional front adjustment and a dynamic carrying capacity of 40 and 60 kg | 436 |
| **Multi swivel drilling head** | Suitable for drilling in 2 axis | 605 |
| **N** | | |
| **Narrow cabinets** | Stable application of drawers in narrow base units | 254<br>288<br>332<br>362 |
| **Nominal length NL** | The dimensions given in the catalogue for determining the drawer length | 351 |
| **Notched applications** | Application with a front with a graduated edge | 38<br>107 |
| **Nylon boss** | Hinge boss for glass doors | 116 |
| **O** | | |
| **Opening angle** | Max. angle that a front can open | 698 |
| **Opening angle stop** | The maximum opening angle can be reduced using the opening angle stop | 43<br>96 |
| **ORGA-LINE** | Inner dividing system for TANDEMBOX | 431<br>550 |
| **Output path** | Drawer push-out distance with TIP-ON, TIP-ON BLUMOTION or SERVO-DRIVE. Due to production tolerances, the output path can vary under load and/or with adjustment. | 460<br>470 |
| **Over extension** | Pull-out can be extended beyond the front edge of the cabinet | 703 |
| **Overlay application** | Application where door overlays rather than insets cabinet side | 696 |
| **Overlay front** | Front that overlays cabinet side | 701 |
| **P** | | |
| **Pivoting point \| pivoting system** | Location of pivoting points in hinge. They determine the pivoting motion of the door when opened and closed | 698 |
| **Power factor LF** | Used to determine type & number of AVENTOS-lift mechanism for a given application | 42<br>54<br>60<br>66<br>76 |
| **PRO-CENTER** | Drilling and insertion machine for vertical and horizontal drilling and the insertion of fittings | 596<br>602 |
| **Profile/thick door hinge** | Hinge for thick doors and doors with profile | 106 |
| **Pull-out stop** | Drawer is stopped in the fully open position. Prevents the drawer from moving in or out of the cabinet | 703 |
| **Q** | | |
| **Quick connect chuck** | Chuck to hold drill bits, for use with quick connect sleeve | 605 |
| **Quick connect sleeve** | Sleeve for fixing to drill bit to suit quick connect chucks | 618 |
| **R** | | |
| **Refrigerator facade door hinge** | Hinge for refrigerator sliding doors | 203<br>208<br>210<br>212 |
| **Removal \| insertion space** | Space required in order to remove the drawer from the cabinet | 701 |
| **Revolving handle** | Revolving handle to select pre-set settings of the PRO-CENTER work table | 672 |
| **Roller carriage runner** | Runner element with load-bearing and side-supported nylon cylindrical rollers | 436 |
| **Roller runner** | Drawer runner that runs on nylon rollers | 703 |
| **Ruler** | Fencing system for work piece, calibrated in mm and designed to accept adjustable stops | 602 |
| **Ruler system** | Adjustable machine section designed for ruler attachment | 618 |
| **S** | | |
| **Screw-on boss** | Hinge boss for screw fixing | 695 |
| **Screw-on mounting plate** | Mounting plate for fixing with chipboard screws; for cabinet sides which are not pre-drilled | 172 |
| **Services for manufacturers** | Used to support the manufacturer at the planning, product selection, ordering and marketing stages | 1 |
| **SERVO-DRIVE** | Electrical motion support system for drawers, pull-outs, fridge/freezers and lift systems | 42<br>378<br>490<br>572<br>576 |



| Term | Explanation | Page |
|---|---|---|
| **SERVO-DRIVE cover cap for AVENTOS** | The left cover cap is used to cover the lift mechanism, drive unit and distribution cable. To cover the cabling, it can be expanded up to an internal depth of 350 mm | 42<br>54<br>60<br>66 |
| **SERVO-DRIVE flex** | Motion technology for the electric opening of handle-less built-in refrigerators, freezers and dishwashers | 576<br>578 |
| **SERVO-DRIVE switch** | The SERVO-DRIVE switch communicates wirelessly with the drive unit of SERVO-DRIVE for AVENTOS and SERVO-DRIVE flex. The 2.4 GHz frequency can be used worldwide | 42<br>54<br>60<br>76<br>579<br>583 |
| **Set-up plan** | Data sheet that contains set-up information for assembly machines | 602 |
| **Side adjustment** | For adjusting the front at the side. For changing the side gap between two fronts | 135 |
| **Side stabilisation** | Additional product for improving side stability; ideal for wide pull-outs with short nominal lengths | 291<br>336<br>365<br>426<br>444<br>484 |
| **Single extension** | Pull-out cannot be extended all the way out of the cabinet due to the runner stop position | 412<br>466<br>525<br>703 |
| **Sink cabinet** | Makes the best possible use of the space available under the sink | 246<br>282<br>326<br>358 |
| **SPACE CORNER** | A user-friendly, ergonomic alternative to conventional solutions behind swivel and bi-fold doors | 272<br>298<br>346 |
| **Space requirement** | The space requirement of a runner or a runner system must be taken into account when planning the number and size of drawers for a cabinet | 701 |
| **SPACE TOWER** | Larder unit with pull-outs to be individually opened allows for access on three sides and removal from above | 252<br>286<br>330<br>360 |
| **Spacing** | Mounting plate height. Standard spacing is 0 mm. Mounting plates with a higher spacing change the front overlay and in turn the gaps between doors | 172<br>210 |
| **Special system screws** | Screw for 5 mm system drilling with a special screw head | 368 |
| **Spice holder** | For storing spice containers of different sizes | 549<br>569 |
| **STANDARD** | Runner system with roller runner for wooden drawers and pull-outs | 524 |
| **Swivel stop** | Adjustable stop located on the ruler of an assembly machine | 605 |
| **Synchronisation** | SERVO-DRIVE: Up to three drive units can be synchronised allowing them to move simultaneously. This function is required for several cabinets with a uniform front<br>TIP-ON BLUMOTION: Connection linkage that ensures reliable opening of TIP-ON BLUMOTION even for pull-outs with high and wide fronts<br>TIP-ON: Connection linkage that ensures reliable opening for pull-outs in combination with the TIP-ON mechanical opening support system | 381<br>493<br>572 |
| **Synchronisation cable** | Two drive units that are required to open simultaneously must be connected via the synchronisation cable | 379<br>381 |
| **Synchronised feather-light glide** | Interplay between drawer profile and lower carriage system in MOVENTO runner systems | 436 |
| **SYNCROMOTION** | Fascinating front motion technology for SPACE CORNER: When opened, fronts fold inward, preventing them from fouling the neighbouring cabinet | 272<br>298<br>346 |
| **System screws** | Screws for 5 mm system drilling | 88<br>293 |
| **T** | | |
| **TANDEM** | Runner system with feather-light glide for wooden pull-outs and drawers | 464 |
| **TANDEMBOX** | TANDEMBOX, a reliable box system, offers a multitude of design possibilities based on a cabinet profile | 216 |
| **TANDEMBOX antaro** | Metal box system with a clearly defined, rectangular design | 296 |
| **TANDEMBOX intivo** | Box system that allows for individual design wishes to be brought to life with BOXCAP or BOXCOVER | 270 |
| **TANDEMBOX plus** | Box system with a round gallery or closed drawer box | 344 |

| Term | Explanation | Page |
|---|---|---|
| **Telescopic arm** | The telescopic arm for AVENTOS HF – connects the lift mechanism with the bottom front | 42<br>46 |
| **Template** | Template for drilling the fixing positions for mounting plates | 642<br>650 |
| **Templates** | Used to support the assembly of all Blum products | 642<br>645 |
| **Thin fronts** | Fronts with a thickness of between 8 and 14 mm | 122<br>160<br>588 |
| **Tilt adjustment** | Angle adjustment of a front | 55<br>224<br>438<br>468 |
| **TIP-ON** | The mechanical opening support system for handle-less fronts for hinge, lift and pull-out systems | 70<br>198<br>266<br>470 |
| **TIP-ON BLUMOTION** | The mechanical opening support system for handle-less fronts for pull-out systems, combined with silent and effortless closing | 262<br>372<br>572 |
| **TIP-ON BLUMOTION unit** | There are various versions available tailored to weight range and nominal lengths | 263 |
| **Tolerance compensation** | Tolerance adjustment in the runner system | 702 |
| **Transformer unit housing** | The transformer is easily and securely stored in the transformer unit housing | 42<br>382<br>493 |
| **Trigger guidance** | For a transition-free opening motion when using SERVO-DRIVE | 381<br>386<br>400 |
| **Trigger path** | The trigger path is required to trigger the opening motion | 382<br>494 |
| **Trigger range** | Area on the front where pressing triggers SERVO-DRIVE, TIP-ON BLUMOTION and TIP-ON and thereby opening. The trigger area depends largely on the front gap, the nominal length used and the front weight. You can increase the trigger area by using the synchronisation feature | 461<br>471 |
| **U** | | |
| **Universal drilling template** | Template for marking or pre-drilling the fixing positions for front fixings | 642<br>658 |
| **Universal drilling template** | Template for pre-drilling the fixing positions for cabinet profiles, lift mechanisms, mounting and adapter plates | 643<br>669 |
| **Universal individual template** | Template for pre-drilling the fixing positions for cabinet profiles, lift mechanisms, mounting and adapter plates | 642<br>656 |
| **V** | | |
| **Variable stop** | AVENTOS remains in any desired position | 42 |
| **W** | | |
| **Wall hanging bracket** | Nylon housing with steel arm | 584<br>590 |
| **Wide angle hinge** | Hinge with an opening angle of more than 150° | 104 |
| **Work table** | Support for work piece | 603 |
| **Z** | | |
| **Zero position** | Or factory setting. Factory-set fittings, pre-set at defined door or front positions | 97<br>698 |

| Term | Explanation | Page |
|---|---|---|

| Term | Explanation | Page |
|---|---|---|

| Part no. | Page |
|---|---|
| 171A5010 | 139, 141, 143, 145, 149, 153, 155, 160, 161, 162, 163, 165, 167, 169, 171, 178 |
| 171A5040 | 142, 145, 157, 158, 171, 178 |
| 171A5070 | 139, 143, 145, 146, 151, 153, 155, 156, 165, 171, 178 |
| 171A5500 | 139, 142, 144, 146, 148, 150, 151, 153, 154, 156, 158, 160, 162, 164, 167, 168, 171, 178 |
| 173H7100 | 139, 141, 142, 143, 144, 145, 146, 148, 149, 150, 151, 153, 154, 155, 156, 157, 158, 160, 161, 162, 163, 164, 165, 167, 168, 169, 171, 174 |
| 173H7130 | 145, 148, 156, 158, 164, 165, 169, 171, 174 |
| 173L6100 | 175 |
| 173L6130 | 175 |
| 173L8100 | 176 |
| 173L8100.21 | 176 |
| 173L8130 | 176 |
| 173L8300 | 176 |
| 173L8330 | 176 |
| 174E6100.01 | 175 |
| 174E6130.01 | 175 |
| 174H7100E | 174 |
| 174H7100I | 174 |
| 174H710ZE | 174 |
| 174H7130E | 174 |
| 174H7130I | 174 |
| 174H713ZE | 174 |
| 174L6100.05 | 176 |
| 174L6130.05 | 176 |
| 175H3100 | 42, 43, 47, 76, 82, 172 |
| 175H3130 | 172 |
| 175H4100 | 173 |
| 175H410Z | 173 |
| 175H4130 | 173 |
| 175H5A00 | 47 |
| 175H5B00 | 46 |
| 175H7100 | 175 |
| 175H7130 | 175 |
| 175H7190 | 139, 142, 143, 144, 145, 148, 149, 151, 155, 156, 164, 168, 175 |
| 175H7190.22 | 141, 145, 149, 150, 154, 168, 169, 175 |
| 175H9100 | 175 |
| 175H9130 | 175 |
| 175H9160 | 107, 142, 143, 146, 149, 151, 154, 175 |
| 175H9190 | 175 |
| 175H9190.22 | 175 |
| 175L8100 | 177 |
| 175L8130 | 177 |
| 175L8190 | 177 |
| 175L8190.21 | 177 |
| 175M4C20N | 126, 128 |
| 177H3100 | 42, 43, 47, 76, 173 |
| 177H3100E | 42, 43, 47, 76, 82, 172 |
| 177H3100E10 | 173 |
| 177H3130 | 173 |
| 177H3130E | 172 |
| 177H3130E10 | 173 |
| 193L6100 | 210 |
| 193L6130 | 210 |
| 193L8100 | 211 |
| 193L8100.21 | 211 |
| 193L8130 | 211 |
| 194E6100.ED | 211 |
| 194E6130.ED | 211 |
| 194K6100E | 208, 212 |
| 195H7100 | 210 |
| 195H7130 | 210 |
| 195H7190 | 210 |
| 199.8130 | 206, 211 |
| 209.093.7 | 260 |
| 20F2200.05 | 42, 46 |
| 20F2500.05 | 42, 46 |
| 20F2800.05 | 42, 46 |
| 20F3200.01 | 42, 46 |
| 20F3500.01 | 42, 46 |
| 20F3800.01 | 42, 46 |
| 20F3900.01 | 42, 46 |
| 20F7011 | 43, 47 |
| 20F7051 | 43, 47 |
| 20F8000 | 42, 46 |
| 20K1101 | 82 |
| 20K1101T | 82 |
| 20K1301 | 82 |
| 20K1301T | 82 |
| 20K1501 | 82 |
| 20K1501T | 82 |
| 20K2300.05 | 66 |
| 20K2300T | 70 |
| 20K2500.05 | 66 |
| 20K2500T | 70 |
| 20K2700.05 | 66 |
| 20K2700T | 70 |
| 20K2900.05 | 66 |
| 20K2900T | 70 |
| 20K2B00.02 | 76 |
| 20K2B00T | 76 |
| 20K2C00.02 | 76 |
| 20K2C00T | 76 |
| 20K2E00.02 | 76 |
| 20K2E00T | 76 |
| 20K4101 | 82 |
| 20K4101A | 82 |
| 20K41E1 | 82 |
| 20K4A00A02 | 76 |
| 20K5101 | 82 |
| 20K51E1 | 82 |
| 20K7011 | 67, 70 |
| 20K7041 | 67, 70 |
| 20K7A11 | 76 |
| 20K7A41 | 76 |
| 20K8000 | 66, 70 |
| 20L2100.05 | 60 |
| 20L2300.05 | 60 |
| 20L2500.05 | 60 |
| 20L2700.05 | 60 |
| 20L2900.05 | 60 |
| 20L3200.06 | 60 |
| 20L3500.06 | 60 |
| 20L3800.06 | 60 |
| 20L3900.06 | 60 |
| 20L8000.01 | 60 |
| 20Q1061UA | 60 |
| 20Q1061UN | 55 |
| 20Q153ZA | 60 |
| 20Q153ZN | 55 |
| 20S2A00.05 | 54 |
| 20S2B00.05 | 54 |
| 20S2C00.05 | 54 |
| 20S2D00.05 | 54 |
| 20S2E00.05 | 54 |
| 20S2F00.05 | 54 |
| 20S2G00.05 | 54 |
| 20S2H00.05 | 54 |
| 20S2I00.05 | 54 |
| 20S3500.06 | 54 |
| 20S4200 | 55, 60, 66, 70 |
| 20S4200A | 55, 60, 66, 70 |
| 20S42T1 | 55, 60, 66, 70, 588 |
| 20S8000 | 54 |
| 21F8000 | 42, 46 |
| 21FA000 | 42, 46, 55, 61 |
| 21K8000 | 66 |
| 21KA000 | 66 |
| 21L3200.01 | 60 |
| 21L3500.01 | 60 |
| 21L3800.01 | 60 |
| 21L3900.01 | 60 |
| 21L8000 | 60 |
| 21P5020 | 579 |
| 21S3500.01 | 54 |
| 21S8000 | 54 |
| 230E7000 | 528 |
| 230E7500 | 528 |
| 230E8000 | 528 |
| 230M2500 | 528 |
| 230M3000 | 528 |
| 230M3500 | 528 |
| 230M4000 | 528 |
| 230M4500 | 528 |
| 230M5000 | 528 |
| 230M5500 | 528 |
| 230M6000 | 528 |
| 230M6500 | 528 |
| 295.1000 | 468, 470, 472, 474, 476, 478, 480, 482, 485, 526, 528, 530 |
| 295.5300 | 426 |
| 295.5501 | 426 |
| 295.5600 | 447 |
| 296.4500 | 531 |
| 298.2200 | 532 |
| 298.3210.01 | 427 |
| 298.3230.01 | 427 |
| 298.5500 | 468, 472, 476, 480, 486 |
| 298.7600 | 438, 444, 508, 518 |
| 303.756.1 | 89, 183, 215, 260, 294, 341, 369, 430, 448, 487, 533 |
| 314.928.1 | 89, 183, 215, 260, 294, 341, 369, 430, 448, 487, 533 |
| 320H3500C | 420 |
| 320H3500C15 | 420 |
| 320H4000C | 420 |
| 320H4000C15 | 420 |
| 320H4500C | 420 |
| 320H4500C15 | 420 |
| 320H5000C | 420 |
| 320H5000C15 | 420 |
| 320H5500C | 420 |
| 320H5500C15 | 420 |
| 320K3500C | 418 |
| 320K3500C15 | 418 |
| 320K4000C | 418 |
| 320K4000C15 | 418 |
| 320K4500C | 418 |
| 320K4500C15 | 418 |
| 320K5000C | 418 |
| 320K5000C15 | 418 |
| 320K5500C | 418 |
| 320K5500C15 | 418 |
| 320M0009.01 | 426, 427 |
| 320M0048 | 427 |
| 320M0088 | 427 |
| 320M0188 | 427 |




| Part no. | Page |
|---|---|
| 320M2700C | 416 |
| 320M2700C15 | 416 |
| 320M3500C | 416, 422, 424 |
| 320M3500C15 | 416, 422, 424 |
| 320M4000C | 416, 422, 424 |
| 320M4000C15 | 416, 422, 424 |
| 320M4500C | 416, 422, 424 |
| 320M4500C15 | 416, 422, 424 |
| 320M5000C | 416, 422, 424 |
| 320M5000C15 | 416, 422, 424 |
| 320M5500C | 416, 422, 424 |
| 320M5500C15 | 416, 422, 424 |
| 320N2700C | 414 |
| 320N2700C15 | 414 |
| 320N3500C | 414 |
| 320N3500C15 | 414 |
| 320N4000C | 414 |
| 320N4000C15 | 414 |
| 320N4500C | 414 |
| 320N4500C15 | 414 |
| 320N5000C | 414 |
| 320N5000C15 | 414 |
| 320N5500C | 414 |
| 320N5500C15 | 414 |
| 378K2702SA | 306, 308, 318, 320 |
| 378K3002SA | 306, 308, 318, 320 |
| 378K3502SA | 306, 308, 318, 320 |
| 378K4002S | 352 |
| 378K4002SA | 306, 308, 318, 320 |
| 378K4502S | 352 |
| 378K4502SA | 306, 308, 318, 320 |
| 378K5002S | 352 |
| 378K5002SA | 306, 308, 318, 320 |
| 378K5502S | 352 |
| 378K5502SA | 306, 308, 318, 320 |
| 378K6002S | 352 |
| 378K6002SA | 306, 308, 318, 320 |
| 378K6502S | 352 |
| 378K6502SA | 306, 308, 318, 320 |
| 378L2702SA | 278, 280 |
| 378L3002SA | 278, 280 |
| 378L3502SA | 278, 280 |
| 378L4002SA | 278, 280 |
| 378L4502SA | 278, 280, 282, 284 |
| 378L5002SA | 278, 280, 282, 284 |
| 378L5502SA | 278, 280, 282, 284 |
| 378L6002SA | 278, 280, 282, 284 |
| 378L6502SA | 278, 280, 282, 284 |
| 378M2702S | 350, 358 |
| 378M2702SA | 276, 282, 284, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378M3002S | 350, 358 |
| 378M3002SA | 276, 282, 284, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378M3502S | 350, 354, 356, 358 |
| 378M3502SA | 276, 282, 284, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378M4002S | 350, 354, 356, 358 |
| 378M4002SA | 276, 282, 284, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378M4502S | 350, 354, 356, 358 |
| 378M4502SA | 276, 282, 284, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378M5002S | 350, 354, 356, 358 |
| 378M5002SA | 276, 282, 284, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378M5502S | 350, 354, 356, 358 |
| 378M5502SA | 276, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |

| Part no. | Page |
|---|---|
| 378M6002S | 350, 354, 356, 358 |
| 378M6002SA | 276, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378M6502S | 350, 354, 356, 358 |
| 378M6502SA | 276, 302, 304, 310, 312, 314, 316, 322, 324, 326, 328 |
| 378N4002S | 348 |
| 378N4002SA | 274, 300 |
| 378N4502S | 348 |
| 378N4502SA | 274, 300 |
| 378N5002S | 348 |
| 378N5002SA | 274, 300 |
| 378N5502S | 348 |
| 378N5502SA | 274, 300 |
| 40.0110N | 592, 593 |
| 40.0200N | 593 |
| 40.0620 | 593 |
| 40.0720 | 592 |
| 40.2000 | 591 |
| 40.2110 | 591 |
| 40.2120.02 | 591 |
| 42.0700.01 | 592 |
| 430E2500 | 526 |
| 430E3000V | 526 |
| 430E3500V | 526 |
| 430E4000V | 526 |
| 430E4500V | 526 |
| 430E5000V | 526 |
| 430E5500V | 526 |
| 430E6000V | 526 |
| 430E6500V | 526 |
| 430E7000V | 526 |
| 430E7500V | 526 |
| 430E8000V | 526 |
| 48N0510.02 | 590 |
| 48N0510.03 | 590 |
| 48N0610.02 | 590 |
| 48N0610.03 | 590 |
| 550H2700.03 | 474 |
| 550H2700B | 472 |
| 550H3000.03 | 474 |
| 550H3000B | 472 |
| 550H3500.03 | 474 |
| 550H3500B | 472 |
| 550H4000.03 | 474 |
| 550H4000B | 472 |
| 550H4500.03 | 474 |
| 550H4500B | 472 |
| 550H5000.03 | 474 |
| 550H5000B | 472 |
| 550H5500.03 | 474 |
| 550H5500B | 472 |
| 550H6000.03 | 474 |
| 550H6000B | 472 |
| 550H6500.03 | 474 |
| 550H6500B | 472 |
| 551H2601 | 482 |
| 551H2601B | 480 |
| 551H2851 | 482 |
| 551H2851B | 480 |
| 551H3101 | 482 |
| 551H3101B | 480 |
| 551H3351 | 482 |
| 551H3351B | 480 |
| 551H3601 | 482 |
| 551H3601B | 480 |
| 551H3851 | 482 |
| 551H3851B | 480 |
| 551H4101 | 482 |

| Part no. | Page |
|---|---|
| 551H4101B | 480 |
| 551H4351 | 482 |
| 551H4351B | 480 |
| 551H4601 | 482 |
| 551H4601B | 480 |
| 551H4851 | 482 |
| 551H4851B | 480 |
| 551H5101 | 482 |
| 551H5101B | 480 |
| 551H5351 | 482 |
| 551H5351B | 480 |
| 551H5601 | 482 |
| 551H5601B | 480 |
| 560H2500B | 468 |
| 560H2500C | 470 |
| 560H2700B | 468 |
| 560H2700C | 470 |
| 560H3000B | 468 |
| 560H3000C | 470 |
| 560H3200B | 468 |
| 560H3200C | 470 |
| 560H3500B | 468 |
| 560H3500C | 470 |
| 560H3800B | 468 |
| 560H3800C | 470 |
| 560H4000B | 468 |
| 560H4000C | 470 |
| 560H4200B | 468 |
| 560H4200C | 470 |
| 560H4500B | 468 |
| 560H4500C | 470 |
| 560H4800B | 468 |
| 560H4800C | 470 |
| 560H5000B | 468 |
| 560H5000C | 470 |
| 560H5200B | 468 |
| 560H5200C | 470 |
| 560H5500B | 468 |
| 560H5500C | 470 |
| 560H6000B | 468 |
| 560H6000C | 470 |
| 561H2601B | 476 |
| 561H2601C | 478 |
| 561H2851B | 476 |
| 561H2851C | 478 |
| 561H3101B | 476 |
| 561H3101C | 478 |
| 561H3351B | 476 |
| 561H3351C | 478 |
| 561H3601B | 476 |
| 561H3601C | 478 |
| 561H3851B | 476 |
| 561H3851C | 478 |
| 561H4101B | 476 |
| 561H4101C | 478 |
| 561H4351B | 476 |
| 561H4351C | 478 |
| 561H4601B | 476 |
| 561H4601C | 478 |
| 561H4851B | 476 |
| 561H4851C | 478 |
| 561H5101B | 476 |
| 561H5101C | 478 |
| 561H5351B | 476 |
| 561H5351C | 478 |
| 561H5601B | 476 |
| 561H5601C | 478 |
| 566H4500B01 | 468 |
| 566H4500C01 | 470 |

| Part no. | Page |
|---|---|
| 566H5000B01 | 468 |
| 566H5000C01 | 470 |
| 566H5200B01 | 468 |
| 566H5200C01 | 470 |
| 566H5500B01 | 468 |
| 566H5500C01 | 470 |
| 566H5800B01 | 468 |
| 566H5800C01 | 470 |
| 566H6000B01 | 468 |
| 566H6000C01 | 470 |
| 566H6500B01 | 468 |
| 566H6500C01 | 470 |
| 566H7000B01 | 468 |
| 566H7000C01 | 470 |
| 566H7500B01 | 468 |
| 566H7500C01 | 470 |
| 576.4501B | 276, 278, 280, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 350, 352, 354, 356 |
| 576.4501M | 373 |
| 576.5001B | 276, 278, 280, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 350, 352, 354, 356 |
| 576.5001M | 373 |
| 576.5501B | 276, 278, 280, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 350, 352, 354, 356 |
| 576.5501M | 373 |
| 576.6001B | 276, 278, 280, 282, 284, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 350, 352, 354, 356, 358 |
| 576.6001M | 373 |
| 576.6501B | 276, 278, 280, 282, 284, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 350, 352, 354, 356, 358 |
| 576.6501M | 373 |
| 578.2701B | 276, 278, 280, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 350 |
| 578.2701M | 373 |
| 578.3001B | 276, 278, 280, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 350 |
| 578.3001M | 373 |
| 578.3501B | 276, 278, 280, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 350, 354, 356 |
| 578.3501M | 373 |
| 578.4001B | 274, 276, 278, 280, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 348, 350, 352, 354, 356 |
| 578.4001M | 373 |
| 578.4501B | 274, 276, 278, 280, 282, 284, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 348, 350, 352, 354, 356, 358 |
| 578.4501M | 373 |
| 578.5001B | 274, 276, 278, 280, 282, 284, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 348, 350, 352, 354, 356, 358 |
| 578.5001M | 373 |
| 578.5501B | 274, 276, 278, 280, 282, 284, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 348, 350, 352, 354, 356, 358 |
| 578.5501M | 373 |
| 578.6001B | 276, 278, 280, 282, 284, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 350, 352, 354, 356, 358 |
| 578.6001M | 373 |
| 609.1500 | 88, 96, 98, 100, 102, 104, 108, 110, 112, 114, 116, 128, 132, 134, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 168, 170, 182, 204, 206, 208, 214, 222, 224, 228, 232, 238, 240, 246, 248, 250, 259, 293, 340, 368, 429, 447, 486, 532 |
| 609.1700 | 88, 96, 98, 100, 102, 104, 108, 110, 112, 114, 116, 128, 132, 134, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 168, 170, 182, 204, 206, 208, 214, 222, 224, 228, 232, 238, 240, 246, 248, 250, 259, 293, 340, 368, 429, 447, 486, 532 |
| 61D.1500 | 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 246, 248, 250, 259 |
| 623.882.2 | 260 |
| 65.055A | 649 |
| 65.059A | 649 |
| 65.05xA | 642 |
| 65.0801 | 643, 683 |
| 65.0803 | 680 |
| 65.0807 | 680 |
| 65.080x | 643 |
| 65.1000.01 | 643, 669 |
| 65.1001.01 | 669 |
| 65.1051.02 | 642, 656 |
| 65.1106 | 669 |
| 65.1107 | 656 |
| 65.2950 | 643, 676 |
| 65.3300 | 642, 657 |
| 65.4500 | 643, 668 |
| 65.4510 | 668 |
| 65.5000 | 642, 653 |
| 65.5010 | 642, 652 |
| 65.5040 | 642, 655 |
| 65.5070 | 642, 651 |
| 65.5210.01 | 643, 673 |
| 65.5300* | 642, 650 |
| 65.5340.01 | 643, 677 |
| 65.5627 | 373, 643, 682 |
| 65.5631 | 263, 454, 643, 681 |
| 65.5810.02 | 643, 678 |
| 65.6100 | 643, 671 |
| 65.7500.03 | 643, 667 |
| 65.7590 | 667, 669 |
| 65.8000 | 643, 684 |
| 660.0950 | 88 |
| 661.1000.HG | 88, 183, 214, 259, 293, 340, 368, 429, 447, 486, 532 |
| 661.1150.HG | 88, 183, 214, 259, 293, 340, 368, 429, 447, 486, 532 |
| 661.1300.HG | 88, 183, 214, 259, 293, 340, 368, 429, 447, 486, 532 |
| 661.1450.HG | 88, 183, 214, 259, 293, 340, 368, 429, 447, 486, 532 |
| 661.2000.HG | 88, 183, 214, 259, 293, 340, 368, 429, 447, 486, 532 |
| 662.1150.HG | 429, 532 |
| 662.1300.HG | 429, 532 |
| 662.1450.HG | 429, 532 |
| 664.3500 | 88 |
| 70.1503 | 96, 98, 100, 114, 116, 134, 140, 180 |
| 70.1503.BP | 96, 98, 100, 114, 116, 134, 140, 180 |
| 70.1553 | 110, 118, 120, 130, 132, 138, 142, 144, 146, 148, 150, 152, 154, 156, 158, 164, 166, 168, 170, 180, 181 |
| 70.1553.BL | 110, 118, 120, 130, 132, 138, 142, 144, 146, 148, 150, 152, 154, 156, 158, 164, 166, 168, 170, 180, 181 |
| 70.1663 | 96, 100, 110, 118, 120, 128, 152, 180 |
| 70.1663.BP | 96, 100, 110, 118, 120, 128, 152, 180 |
| 70.4503 | 104, 112, 122, 124, 126, 160, 162, 180 |
| 70.4503.BP | 104, 112, 122, 124, 126, 160, 162, 180 |
| 70.6103 | 108 |
| 70M2550.TL | 102 |
| 70M2580.TL | 102 |
| 70M2650.TL | 102 |
| 70M2680.TL | 102 |
| 70M2750.TL | 102 |
| 70M2780.TL | 102 |
| 70T1504 | 100, 110, 114, 128, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 182 |
| 70T3504 | 96, 98, 100, 110, 114, 116, 128, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 182, 206, 208, 214 |
| 70T3507.21 | 96, 98, 100, 110, 182 |
| 70T3550.TL | 82, 96 |
| 70T3553 | 83, 96, 98 |
| 70T3590.TL | 82, 96 |
| 70T3650.TL | 96 |
| 70T3690.TL | 96 |
| 70T3750.TL | 96 |
| 70T3790.TL | 96 |
| 70T4500CTL | 124, 126, 162 |
| 70T4503 | 122, 124, 126 |
| 70T4503.09 | 122, 124, 126 |
| 70T4504 | 122, 160, 182 |
| 70T4532T | 588 |
| 70T453T.TL | 122, 160, 588 |
| 70T4568C | 124, 126, 162 |
| 70T5550.TL | 43 |
| 70T5590BTL | 43 |
| 70T6540BTL | 108 |
| 70T6550.TL | 108 |
| 70T6640BTL | 108 |
| 70T6650.TL | 108 |
| 70T7504 | 104, 112, 182 |
| 70T7550.TL | 104 |
| 70T7553 | 104, 107, 112 |
| 70T7553.09 | 104 |
| 70T7590.TL | 104 |
| 70T7650.TL | 104 |
| 70T7690.TL | 104 |
| 70T950A.TL | 120 |
| 70T9550.TL | 110, 152 |
| 70T9580.TL | 110 |
| 70T9590BTL | 110, 152 |
| 70T9650.TL | 110, 152 |
| 70T9690BTL | 110, 152 |
| 70T9750.TL | 110, 128, 152 |
| 70T9790BTL | 110, 152 |
| 71B3550 | 82, 96 |
| 71B3580 | 96 |
| 71B3590 | 82, 96 |
| 71B3650 | 96 |
| 71B3680 | 96 |
| 71B3690 | 96 |
| 71B3750 | 96 |




| Part no. | Page |
|---|---|
| 71B3780 | 96 |
| 71B3790 | 96 |
| 71B4500C | 124, 126, 162 |
| 71B453T | 122, 160, 588 |
| 71B7550 | 104 |
| 71B7550D | 112 |
| 71B7580 | 104 |
| 71B7580D | 112 |
| 71B7590 | 104 |
| 71B7650 | 104 |
| 71B7690 | 104 |
| 71B950A | 118 |
| 71B9550 | 110, 152 |
| 71B9580 | 110 |
| 71B9590 | 110, 152 |
| 71B960A | 118 |
| 71B9650 | 110, 152 |
| 71B9680 | 110 |
| 71B9690 | 110, 152 |
| 71B970A | 118 |
| 71B9750 | 110, 128, 152 |
| 71B9780 | 110 |
| 71B9790 | 110, 128, 152 |
| 71M2550 | 102 |
| 71M2580 | 102 |
| 71M2590B | 102 |
| 71M2650 | 102 |
| 71M2680 | 102 |
| 71M2690B | 102 |
| 71M2750 | 102 |
| 71M2780 | 102 |
| 71M2790B | 102 |
| 71T0550 | 132, 170, 171 |
| 71T0650 | 132, 170, 171 |
| 71T0750 | 132, 170, 171 |
| 71T3550 | 96 |
| 71T3580 | 96 |
| 71T3590 | 96 |
| 71T3650 | 96 |
| 71T3680 | 96 |
| 71T3690 | 96 |
| 71T3750 | 96 |
| 71T3780 | 96 |
| 71T3790 | 96 |
| 71T4500C | 124, 126, 162 |
| 71T453T | 122, 160, 588 |
| 71T6540B | 108 |
| 71T6550 | 108 |
| 71T6580 | 108 |
| 71T6640B | 108 |
| 71T6650 | 108 |
| 71T6680 | 108 |
| 71T7550 | 104 |
| 71T7580 | 104 |
| 71T7590 | 104 |
| 71T7650 | 104 |
| 71T950A | 120 |
| 71T950AB | 120 |
| 71T9550 | 110, 152 |
| 71T9580 | 110 |
| 71T9590B | 110, 152 |
| 71T960A | 120 |
| 71T960AB | 120 |
| 71T9650 | 110, 152 |
| 71T9680 | 110 |
| 71T9690B | 110, 152 |
| 71T970A | 120 |
| 71T9750 | 110, 152 |
| 71T9780 | 110 |
| 71T9790B | 110, 152 |
| 72T3550.TL | 98 |
| 72T3590.TL | 98 |
| 72T550A.TL | 47 |
| 72T5550.TL | 43 |
| 72T5590BTL | 43 |
| 73B3550 | 98 |
| 73B3580 | 98 |
| 73B3590 | 98 |
| 73T3550 | 98 |
| 73T3580 | 98 |
| 73T3590 | 98 |
| 740.749.1 | 89 |
| 74.1103 | 100 |
| 74T1550.TL | 100 |
| 74T1590BTL | 100 |
| 74T1650.TL | 100 |
| 74T1690BTL | 100 |
| 74T1750.TL | 100 |
| 74T1790BTL | 100 |
| 750.2701S | 224, 226, 232, 234, 236, 263 |
| 750.2701T | 267 |
| 750.3001S | 224, 226, 228, 230, 232, 234, 236, 263 |
| 750.3001T | 267 |
| 750.3501S | 224, 226, 228, 230, 232, 234, 236, 240, 242, 244, 246, 248, 263 |
| 750.3501T | 267 |
| 750.4001S | 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 263 |
| 750.4001T | 267 |
| 750.4501S | 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 263 |
| 750.4501T | 267 |
| 750.5001S | 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 263 |
| 750.5001T | 267 |
| 750.5501S | 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 263 |
| 750.5501T | 267 |
| 750.6001S | 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 263 |
| 750.6001T | 267 |
| 753.4501S | 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 250, 263 |
| 753.4501T | 267 |
| 753.5001S | 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 250, 263 |
| 753.5001T | 267 |
| 753.5501S | 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 250, 263 |
| 753.5501T | 267 |
| 753.6001S | 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 250, 263 |
| 753.6001T | 267 |
| 753.6501S | 224, 226, 232, 234, 236, 238, 240, 242, 244, 250, 263 |
| 753.6501T | 267 |
| 75B1550 | 100 |
| 75B1580 | 100 |
| 75B1650 | 100 |
| 75B1680 | 100 |
| 75B1750 | 100 |
| 75B1780 | 100 |
| 75T1550 | 100 |
| 75T1580 | 100 |
| 75T1590B | 100 |
| 75T1650 | 100 |
| 75T1680 | 100 |
| 75T1690B | 100 |
| 75T1750 | 100 |
| 75T1780 | 100 |
| 75T1790B | 100 |
| 75T4100 | 130, 166, 167 |
| 75T4200 | 130, 166, 167 |
| 75T4300 | 130, 166, 167 |
| 760H2500S | 438 |
| 760H2500T | 460 |
| 760H2700S | 438, 454 |
| 760H2700T | 460 |
| 760H3000S | 438, 454 |
| 760H3000T | 460 |
| 760H3200S | 438, 454 |
| 760H3200T | 460 |
| 760H3500S | 438, 454 |
| 760H3500SU | 440, 442 |
| 760H3500T | 460 |
| 760H3800S | 438, 454 |
| 760H3800T | 460 |
| 760H4000S | 438, 454 |
| 760H4000SU | 440, 442 |
| 760H4000T | 460 |
| 760H4200S | 438, 454 |
| 760H4200T | 460 |
| 760H4500S | 438, 454 |
| 760H4500SU | 440, 442 |
| 760H4500T | 460 |
| 760H4800S | 438, 454 |
| 760H4800T | 460 |
| 760H5000S | 438, 454 |
| 760H5000SU | 440, 442 |
| 760H5000T | 460 |
| 760H5200S | 438, 454 |
| 760H5200T | 460 |
| 760H5500S | 438, 454 |
| 760H5500T | 460 |
| 760H6000S | 438, 454 |
| 760H6000T | 460 |
| 766H4500S | 438, 454 |
| 766H4500T | 460 |
| 766H5000S | 438, 454 |
| 766H5000T | 460 |
| 766H5200S | 438, 454 |
| 766H5200T | 460 |
| 766H5500S | 438, 454 |
| 766H5500T | 460 |
| 766H5800S | 438, 454 |
| 766H5800T | 460 |
| 766H6000S | 438, 454 |
| 766H6000T | 460 |
| 766H6500S | 438, 454 |
| 766H6500T | 460 |
| 766H7000S | 438, 454 |
| 766H7000T | 460 |
| 766H7500S | 438, 454 |
| 766H7500T | 460 |
| 770C2702I | 232, 234, 236 |
| 770C2702S | 232, 234, 236 |
| 770C3002I | 232, 234, 236 |
| 770C3002S | 232, 234, 236 |
| 770C3502I | 232, 234, 236, 248 |
| 770C3502S | 232, 234, 236, 248 |
| 770C4002I | 232, 234, 236, 248 |




| Part no. | Page |
|---|---|
| 770C4002S | 232, 234, 236, 248 |
| 770C4502I | 232, 234, 236, 248, 250 |
| 770C4502S | 232, 234, 236, 248, 250 |
| 770C5002I | 232, 234, 236, 248, 250 |
| 770C5002S | 232, 234, 236, 248, 250 |
| 770C5502I | 232, 234, 236, 248, 250 |
| 770C5502S | 232, 234, 236, 248, 250 |
| 770C6002I | 232, 234, 236, 248, 250 |
| 770C6002S | 232, 234, 236, 248, 250 |
| 770C6502I | 232, 234, 236, 250 |
| 770C6502S | 232, 234, 236, 250 |
| 770F4002I | 238 |
| 770F4002S | 238 |
| 770F4502I | 238 |
| 770F4502S | 238 |
| 770F5002I | 238 |
| 770F5002S | 238 |
| 770F5502I | 238 |
| 770F5502S | 238 |
| 770F6002I | 238 |
| 770F6002S | 238 |
| 770F6502I | 238 |
| 770F6502S | 238 |
| 770K3002S | 228, 230 |
| 770K3502I | 228, 230 |
| 770K3502S | 228, 230 |
| 770K4002I | 228, 230 |
| 770K4002S | 228, 230 |
| 770K4502I | 228, 230 |
| 770K4502S | 228, 230 |
| 770K5002I | 228, 230 |
| 770K5002S | 228, 230 |
| 770K5502I | 228, 230 |
| 770K5502S | 228, 230 |
| 770K6002S | 228, 230 |
| 770M2702I | 224, 226 |
| 770M2702S | 224, 226 |
| 770M3002I | 224, 226, 250 |
| 770M3002S | 224, 226, 250 |
| 770M3502I | 224, 226, 246, 250 |
| 770M3502S | 224, 226, 246, 250 |
| 770M4002I | 224, 226, 246, 250 |
| 770M4002S | 224, 226, 246, 250 |
| 770M4502I | 224, 226, 246, 250 |
| 770M4502S | 224, 226, 246, 250 |
| 770M5002I | 224, 226, 246, 250 |
| 770M5002S | 224, 226, 246, 250 |
| 770M5502I | 224, 226, 246 |
| 770M5502S | 224, 226, 246 |
| 770M6002I | 224, 226, 246 |
| 770M6002S | 224, 226, 246 |
| 770M6502I | 224, 226 |
| 770M6502S | 224, 226 |
| 770N4002S | 222 |
| 770N4502I | 222 |
| 770N4502S | 222 |
| 770N5002I | 222 |
| 770N5002S | 222 |
| 770N5502S | 222 |
| 780C0009 | 240, 242, 244, 256 |
| 780C3502I | 240, 242, 244 |
| 780C3502S | 240, 242, 244 |
| 780C4002I | 240, 242, 244 |
| 780C4002S | 240, 242, 244 |
| 780C4502I | 240, 242, 244 |
| 780C4502S | 240, 242, 244 |
| 780C5002I | 240, 242, 244 |
| 780C5002S | 240, 242, 244 |
| 780C5502I | 240, 242, 244 |

| Part no. | Page |
|---|---|
| 780C5502S | 240, 242, 244 |
| 780C6002I | 240, 242, 244 |
| 780C6002S | 240, 242, 244 |
| 780C6502I | 240, 242, 244 |
| 780C6502S | 240, 242, 244 |
| 78A5450.T | 158 |
| 78A5451.T | 156 |
| 78A5453.T | 154 |
| 78A9454.T | 150 |
| 78A9456.T | 146 |
| 78A9458.T | 142 |
| 78A9555.T | 148 |
| 78A9556.T | 144 |
| 78A9658.T | 138 |
| 78T5550 | 140 |
| 78T9550.TL | 114 |
| 78Z5500T | 43 |
| 78Z5500T12 | 50 |
| 78Z550AT | 47 |
| 78Z550AT11 | 50 |
| 78Z5530T11 | 50 |
| 78Z553ET | 43 |
| 79A0558.T | 168 |
| 79A4108.T | 164 |
| 79B3450 | 158 |
| 79B3451 | 156 |
| 79B3453 | 154 |
| 79B3490 | 158 |
| 79B3491 | 156 |
| 79B3493 | 154 |
| 79B3558 | 140 |
| 79B3598 | 140 |
| 79B9454 | 150 |
| 79B9456 | 146 |
| 79B9458 | 142 |
| 79B9494 | 150 |
| 79B9496 | 146 |
| 79B9498 | 142 |
| 79B9550 | 114 |
| 79B9555 | 148 |
| 79B9556 | 144 |
| 79B9580 | 114 |
| 79B9590 | 114 |
| 79B9595 | 148 |
| 79B9596 | 144 |
| 79B9658 | 138 |
| 79B9698 | 138 |
| 79B9950 | 116 |
| 79B9980 | 116 |
| 79B9990 | 116 |
| 79T8500 | 134 |
| 79T8530 | 134 |
| 80.6507 | 108, 180 |
| 80.6507.BP | 108, 180 |
| 84.4120 | 130, 164, 166 |
| 84.4140 | 130, 164, 166 |
| 90M2503 | 102, 180, 204, 206, 213 |
| 90M2503.BP | 102, 180, 204, 206, 213 |
| 90M2603 | 204, 213 |
| 90M2603.BP | 204, 213 |
| 91K9550 | 208 |
| 91K9580 | 208 |
| 91M2550 | 204 |
| 91M2580 | 204 |
| 91M2650 | 204 |
| 91M2680 | 204 |
| 91M2750 | 204 |
| 91M2780 | 204 |
| 94M3603 | 102, 180 |

| Part no. | Page |
|---|---|
| 94M3603.BP | 102, 180 |
| 956.1004 | 70, 72, 76, 78, 82, 86, 96, 98, 100, 102, 104, 108, 110, 114, 120, 122, 124, 128, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 200 |
| 956.1201 | 70, 73, 76, 79, 83, 87, 201 |
| 956A1004 | 70, 72, 96, 98, 100, 102, 104, 108, 110, 114, 120, 122, 124, 128, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 200 |
| 956A1006 | 96, 98, 100, 102, 104, 108, 110, 114, 120, 122, 124, 128, 130, 132, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 200 |
| 956A1201 | 70, 73, 201 |
| 956A1501 | 70, 73, 76, 79, 83, 87, 201 |
| 970.1002 | 134, 186, 194 |
| 970.1201 | 196 |
| 970.1501 | 196 |
| 970.15E1 | 196 |
| 970.1701 | 196 |
| 970.2501 | 197 |
| 970.5201 | 196 |
| 970.5501 | 196 |
| 970.55E1 | 196 |
| 970.5701 | 196 |
| 970.6701 | 197 |
| 970A1002 | 130, 132, 164, 166, 168, 170, 186, 192 |
| 971A0500 | 190 |
| 971A05E0 | 190 |
| 971A0700 | 190 |
| 971A2500 | 190 |
| 971Axxxx | 130, 132, 186 |
| 973A0500.01 | 102, 120, 186, 188 |
| 973A0600 | 102, 120, 186, 188 |
| 973A0700 | 102, 186, 188 |
| 973A6000 | 108, 186, 188 |
| 993.0530 | 89, 380, 396, 400, 404, 492, 500, 504, 508, 514 |
| 993.0830.01 | 89, 380, 396, 400, 404, 492, 500, 504, 508, 514 |
| 993.2000 | 508, 518 |
| 993.706 | 183, 214, 259, 293, 340, 368, 430, 448, 487, 533 |
| 993.710 | 88, 183, 214, 259, 293, 340, 368, 429, 448, 487, 532 |
| 99B9550 | 206 |
| M01.ZB02.D2 | 610, 611, 612, 613, 614, 615, 626, 627, 628, 629, 630, 632 |
| M01.ZB02.D3 | 610, 611, 612, 613, 614, 615, 626, 627, 628, 629, 630, 632 |
| M01.ZB03.02 | 616, 631, 632 |
| M01.ZB03.03 | 616, 631, 632 |
| M01.ZB05.02 | 610, 611, 612, 613, 614, 615, 616, 626, 627, 628, 630, 631, 632 |
| M01.ZB05.03 | 610, 611, 612, 613, 614, 615, 616, 626, 627, 628, 630, 631, 632 |
| M01.ZB05.D2 | 632 |
| M01.ZB05.D3 | 632 |
| M01.ZB08.02 | 610, 611, 614, 616, 626, 627, 630, 632 |
| M01.ZB08.03 | 610, 612, 616, 626, 628, 632 |
| M01.ZB08.OS | 632 |
| M01.ZB10.02 | 610, 611, 613, 614, 615, 616, 626, 628, 629, 630, 631, 632 |




| Part no. | Page |
|---|---|
| M01.ZB10.03 | 610, 611, 612, 613, 614, 615, 616, 626, 628, 629, 630, 631, 632 |
| M01.ZB20.02 | 614, 630, 632 |
| M01.ZB20.03 | 632 |
| M01.ZB25.02 | 615, 630, 632 |
| M01.ZB26.02 | 612, 628, 632 |
| M01.ZB28.02 | 615, 630, 632 |
| M01.ZB35.02 | 610, 611, 612, 626, 627, 628, 632 |
| M01.ZB35.OS | 611, 612, 627, 633 |
| M01.ZZ03.01 | 88, 183, 214, 259, 293, 340, 368, 429, 447, 486, 532, 636, 637, 638, 657 |
| M01.ZZB3 | 88, 183, 214, 259, 293, 340, 368, 429, 447, 486, 532 |
| M30.1304.02 | 620, 624 |
| M30.1313.UM | 620, 624 |
| M31.1000 | 642, 648 |
| M31.1900 | 648 |
| M31.2000 | 642, 654 |
| M31.ZB08.02 | 648 |
| M31.ZB35.02 | 648, 654 |
| M35.7200.01 | 642, 660 |
| M35.ZM01 | 660 |
| M35.ZT01 | 660 |
| M35.ZW40 | 660 |
| M51.0802 | 604, 608, 620 |
| M52.1050* | 623 |
| M53.0720 | 620 |
| M53.1000* | 619 |
| M53.1000.01 | 619 |
| M53.1050* | 619 |
| M53.1050.01 | 619 |
| M54.2000 | 607 |
| M54.2117 | 620 |
| M65.2000 | 603 |
| M65.ZB05.02 | 615, 633 |
| M65.ZB08.02 | 616, 633 |
| M65.ZB08.03 | 616, 633 |
| M65.ZB10.02 | 612, 613, 616, 633 |
| M65.ZB10.03 | 616, 633 |
| MZA.2600 | 604, 608 |
| MZA.5200 | 624 |
| MZA.5300 | 620 |
| MZE.1300 | 620 |
| MZE.2110 | 620 |
| MZF.1000.01 | 620, 624 |
| MZF.1010 | 620, 624 |
| MZF.1020 | 620, 624 |
| MZF.1030 | 604, 608, 620, 624 |
| MZF.1050 | 604, 608, 620, 624 |
| MZF.2000 | 604, 608 |
| MZK.1120 | 620, 624 |
| MZK.1130 | 620, 624 |
| MZK.190S | 619, 623, 627, 630, 631 |
| MZK.2000.01 | 603, 607, 610, 612 |
| MZK.2008.02 | 604, 608, 610, 611, 612, 613, 614, 615, 616 |
| MZK.210S | 603, 607, 610, 611, 612, 613, 614, 615, 616 |
| MZK.211S | 603, 607, 610, 611, 612, 613, 615 |
| MZK.2123 | 604, 608 |
| MZK.2124 | 604, 608, 611, 612, 614, 615 |
| MZK.220S | 603, 607, 611, 612, 613, 614, 615 |
| MZK.2233.02 | 604, 608 |
| MZK.240S | 603, 616 |
| MZK.281S | 603, 607, 611, 615, 616 |
| MZK.288S | 603, 614, 616 |
| MZK.880S | 619, 623, 627, 629, 630 |
| MZL.1250 | 620, 624 |
| MZL.2000 | 604, 608, 610, 611, 612, 613, 614, 615, 616 |
| MZL.2010 | 604, 608, 610, 611, 612, 613, 614, 615 |
| MZL.2060 | 604, 612, 613, 615, 616 |
| MZL.2080 | 604, 608, 616 |
| MZL.2090 | 604, 608 |
| MZL.2090.03 | 604, 608 |
| MZL.2500 | 620, 624 |
| MZM.0040 | 96, 98, 100, 102, 104, 108, 110, 112, 114, 116, 134, 204, 208, 612, 628, 632 |
| MZM.0050 | 610, 611, 613, 626, 628, 632 |
| MZM.0053 | 173, 610, 611, 613, 626, 628, 632 |
| MZM.0061.01 | 176, 610, 612, 626, 628, 632 |
| MZM.0070 | 592, 593, 615, 630, 632 |
| MZM.0071 | 593, 615, 630, 632 |
| MZM.0077 | 592, 615, 630, 632 |
| MZM.0078 | 590, 616, 631, 632 |
| MZM.0092.01 | 629, 632 |
| MZM.0093.02 | 629, 632 |
| MZM.0095 | 614, 630, 632 |
| MZM.0292.01 | 614, 632 |
| MZR.1000 | 620, 624 |
| MZR.1200 | 604, 608 |
| MZR.2000 | 620, 624 |
| MZR.5300.02 | 620 |
| MZR.5400 | 608 |
| MZS.1000 | 604, 608, 610, 611, 612, 613, 614, 615, 616, 620, 624 |
| MZS.1020 | 624 |
| MZS.2000 | 604, 608, 615, 620, 624, 626, 627, 628, 629, 630, 631 |
| MZV.2100 | 604, 608, 620, 624 |
| MZW.1300 | 648 |
| T51.1700.04 | 468, 470, 472, 474 |
| T51.7000.01 | 442, 445 |
| T51.7601 | 438, 440, 442, 454, 460 |
| T54.3300 | 352 |
| T55.000R | 470, 474, 478, 482 |
| T55.1089ZR | 470, 478 |
| T55.1150S | 474 |
| T55.3150S | 482 |
| T55.7150S | 470, 478 |
| T55.889W | 470, 474, 478, 482 |
| T55.9150S | 470 |
| T57.7400.01 | 267, 460 |
| T60.000D | 263, 373, 454 |
| T60.1125W | 263, 373, 454 |
| T60.300D | 263, 373, 454 |
| T60B000H | 373, 376 |
| T60B3030 | 373 |
| T60B3130 | 373 |
| T60B3330 | 373 |
| T60B3530 | 373 |
| T60B3560 | 373 |
| T60L7040 | 263, 454 |
| T60L7140 | 263, 454 |
| T60L7340 | 263, 454 |
| T60L7540 | 263, 454 |
| T60L7570 | 263, 454 |
| T60L9340 | 263 |
| T60L9540 | 263 |
| T65.1000.02 | 642, 662 |
| T65.1100 | 642, 663 |
| T65.9000 | 662, 663 |
| Z10A3000.03 | 380, 386, 396, 400, 404, 492, 500, 504, 508, 514, 518 |
| Z10A3006 | 380, 386, 404 |
| Z10A3H00 | 380, 386, 400, 404 |
| Z10C5005 | 582 |
| Z10C5007 | 579 |
| Z10C500A | 578, 579, 582 |
| Z10D01E0.01 | 380, 386, 492, 518 |
| Z10D01EA.01 | 380, 386, 492, 518 |
| Z10D0311 | 396, 500, 504, 508 |
| Z10D0316 | 396, 500 |
| Z10D5210 | 400, 508 |
| Z10D6252 | 404, 514 |
| Z10K0009 | 43, 47, 55, 61, 67, 381, 387, 397, 401, 405, 408, 493, 501, 505, 509, 515, 519, 522, 579 |
| Z10K008S | 381, 409, 493, 505, 522 |
| Z10K050S | 381, 409, 493, 505, 522 |
| Z10K120S | 381, 409, 493, 505, 522 |
| Z10K160S | 381, 409, 493, 505, 522 |
| Z10K300A | 579 |
| Z10K800AE | 43, 47, 55, 61, 67, 381, 386, 396, 400, 404, 492, 500, 504, 508, 514, 518 |
| Z10M200A | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200B | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200C | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200D | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200E | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200E.OS | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200H | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200I | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200J | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200K | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200L | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200N | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200S.01 | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200T | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200U | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |
| Z10M200Z | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 504, 509, 515, 519, 579 |




| Part no. | Page |
|---|---|
| Z10NA30BA | 392, 498 |
| Z10NA30BAF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30EA | 392, 498 |
| Z10NA30EAF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30EB | 392, 498 |
| Z10NA30EBF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30EC | 392, 498 |
| Z10NA30ECF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30ED | 392, 498 |
| Z10NA30EDF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30EE | 392, 498 |
| Z10NA30EEF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30EF | 392, 498 |
| Z10NA30EFF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30HD | 392, 498 |
| Z10NA30KD | 392, 498 |
| Z10NA30KDF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30UG | 392, 498 |
| Z10NA30UGF | 43, 47, 55, 61, 67, 578, 582 |
| Z10NA30UJ | 392, 498 |
| Z10NA30xy | 706, 707 |
| Z10NA30xyF | 706, 707 |
| Z10NE030A | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NE030B | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NE030C | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NE030D | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NE030E | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NE030F | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NE030G | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NE030H | 42, 46, 55, 61, 66, 381, 387, 396, 401, 404, 493, 500, 504, 509, 514, 519, 579 |
| Z10NG000 | 381, 387, 397, 401, 405, 493, 501, 505, 509, 515, 519, 579 |
| Z10NG120 | 42, 46, 55, 61, 66, 381, 387, 397, 401, 405, 493, 501, 505, 509, 515, 519, 579 |
| Z10T1143B | 400, 508 |
| Z10T1170A | 380, 386, 492, 518 |
| Z10T393Wxy1 | 394 |
| Z10T443Wxy1 | 394 |
| Z10T493Wxy1 | 394 |
| Z10T543Wxy1 | 394 |
| Z10T650AA | 380, 386, 492, 518 |
| Z10T700AA | 380, 386, 492, 518 |
| Z10T710AA | 380, 386, 492, 518 |
| Z10T743Wxy1 | 394 |
| Z10T750AA | 380, 386, 492, 518 |
| Z10T800AA | 380, 386, 492, 518 |
| Z10T843Wxy1 | 394 |
| Z10T__3Wxy1 | 706, 707 |
| Z10V100E.01 | 43, 47, 55, 61, 67, 381, 387, 396, 400, 404, 492, 500, 504, 508, 514, 519, 579 |
| Z10ZC00A | 381, 401, 405, 409, 493, 523 |

| Part no. | Page |
|---|---|
| Z30B000S.04 | 339, 354 |
| Z30BxxxS.6 | 364 |
| Z30C000S | 310, 312, 322 |
| Z30C000S.22 | 326 |
| Z30CxxxS.6 | 336, 364 |
| Z30D000S.22 | 282, 284, 328, 358 |
| Z30D000SL | 278, 280, 314, 316, 318, 320, 324, 356 |
| Z30DxxxS.6 | 291, 336, 364 |
| Z30K000S | 306, 308, 352 |
| Z30KxxxS.6 | 336, 364 |
| Z30M000S.04 | 276, 282, 284, 302, 304, 326, 328, 350, 358 |
| Z30M383S0W | 394 |
| Z30M389S0W | 394 |
| Z30M433S0W | 394 |
| Z30M439S0W | 394 |
| Z30M483S0W | 394 |
| Z30M489S0W | 394 |
| Z30M533S0W | 394 |
| Z30M539S0W | 394 |
| Z30M733S0W | 394 |
| Z30M833S0W | 394 |
| Z30M839S0W | 394 |
| Z30MxxxS.6 | 291, 336, 364 |
| Z30N000S.04 | 274, 300, 348 |
| Z30NxxxS.6 | 291, 336, 364 |
| Z31A0008 | 350, 352, 354, 356 |
| Z31A1081A | 350, 352, 354, 356 |
| Z31L1036A | 276, 280, 304, 308, 312, 316, 320 |
| Z31L1036AN | 278 |
| Z36C0080 | 310, 312, 322, 326 |
| Z36D0080 | 314, 316, 324, 328 |
| Z36H367SE01 | 424 |
| Z36H417SE01 | 424 |
| Z36H467SE01 | 424 |
| Z36H517SE01 | 424 |
| Z36L002G.S | 278, 282 |
| Z37A417C | 335 |
| Z37A417D | 335 |
| Z37A467C | 335 |
| Z37A467D | 335 |
| Z37A517C | 335 |
| Z37A517D | 335 |
| Z37A617C | 335 |
| Z37A617D | 335 |
| Z37Axx7C | 310, 312, 322, 326 |
| Z37Axx7D | 314, 316, 324, 328 |
| Z37G1044D | 290 |
| Z37G1050D | 290 |
| Z37G144D | 290 |
| Z37G150D | 290 |
| Z37G210D | 290 |
| Z37G240D | 290 |
| Z37G244D | 290 |
| Z37G250D | 290 |
| Z37G290D | 290 |
| Z37G294D | 290 |
| Z37G300D | 290 |
| Z37G340D | 290 |
| Z37G344D | 290 |
| Z37G350D | 290 |
| Z37G390D | 290 |
| Z37G440D | 290 |
| Z37G444D | 290 |
| Z37G450D | 290 |
| Z37G490D | 290 |
| Z37G540D | 290 |
| Z37G590D | 290 |

| Part no. | Page |
|---|---|
| Z37G744D | 290 |
| Z37G750D | 290 |
| Z37GxxxD | 278, 282 |
| Z37H418S.E | 356, 358 |
| Z37H468S.E | 356, 358 |
| Z37H518S.E | 356, 358 |
| Z37H568S.E | 356, 358 |
| Z37H618S.E | 356, 358 |
| Z37L260S.D | 280 |
| Z37L290S.D | 280 |
| Z37L340S.D | 280 |
| Z37L390S.D | 280 |
| Z37L440S.D | 280, 284 |
| Z37L490S.D | 280, 284 |
| Z37L540S.D | 280, 284 |
| Z37L590S.D | 280, 284 |
| Z37L640S.D | 280, 284 |
| Z37R237C | 334 |
| Z37R237D | 334 |
| Z37R267C | 334 |
| Z37R267D | 334 |
| Z37R317C | 334 |
| Z37R317D | 334 |
| Z37R367C | 334 |
| Z37R367D | 334 |
| Z37R417C | 334 |
| Z37R417D | 334 |
| Z37R467C | 334 |
| Z37R467D | 334 |
| Z37R517C | 334 |
| Z37R517D | 334 |
| Z37R567C | 334 |
| Z37R567D | 334 |
| Z37R617C | 334 |
| Z37R617D | 334 |
| Z37Rxx7C | 310, 312, 322, 326 |
| Z37Rxx7D | 314, 316, 324, 328 |
| Z40C0002Z | 562 |
| Z40D0002Z | 562 |
| Z40H0002Z | 564 |
| Z40H0002ZR | 564 |
| Z40L0002 | 560, 562 |
| Z40L1077A | 560, 562, 564 |
| Z40L152A | 560, 562, 564 |
| Z40L177A | 560, 562, 564 |
| Z40L427A | 560, 562, 564 |
| Z40L477A | 560, 562, 564 |
| Z40L777A | 560, 562, 564 |
| Z43L100S | 560, 562, 564 |
| Z46C420S.E2 | 564 |
| Z46C470S.E2 | 564 |
| Z46C520S.E2 | 564 |
| Z46C570S.E2 | 564 |
| Z46C620S.E2 | 564 |
| Z46L420S | 560, 562 |
| Z46L470S | 560, 562 |
| Z46L520S | 560, 562 |
| Z46L570S | 560, 562 |
| Z46L620S | 560, 562 |
| Z48.27B0I6 | 560, 562, 564 |
| Z48.27B0I7 | 560, 562, 564 |
| Z48.30B0I4 | 560, 562, 564 |
| Z48.30B0I6 | 560, 562, 564 |
| Z48.30B0I7 | 560, 562, 564 |
| Z48.30B0I8 | 560, 562, 564 |
| Z48.30B0I9 | 560, 562, 564 |
| Z49L242S | 560 |
| Z49L272S | 560 |
| Z49L322S | 560 |




| Part no. | Page |
|---|---|
| Z49L372S | 560 |
| Z49L422S | 560 |
| Z49L472S | 560 |
| Z49L522S | 560 |
| Z49L572S | 560 |
| Z49L622S | 560 |
| Z70.0320 | 414, 416, 418, 420, 422, 424, 429 |
| Z80.000S | 586 |
| Z80.000V | 586 |
| Z80S0542BA | 586 |
| Z80S0542CA | 586 |
| Z80S0560 | 586 |
| Z80S0760 | 586 |
| Z80S1260 | 586 |
| Z80V000A | 586 |
| Z80V1163W | 586 |
| Z96.00T1 | 258, 588 |
| Z96.10E1 | 257, 291, 336, 364, 373, 377, 381, 397, 401, 405, 408 |
| Z96.2011 | 373, 376 |
| ZAA.330C | 348, 350, 352, 354, 356, 358 |
| ZAA.3500 | 416, 418, 420, 422, 424 |
| ZAA.3700 | 416, 418, 420, 422, 424 |
| ZB7C000S | 232, 234, 236, 240, 242, 244, 248 |
| ZB7C129S.6S | 250 |
| ZB7CxxxS.6 | 257 |
| ZB7F000S | 238 |
| ZB7FxxxS.6 | 257 |
| ZB7K000S | 228, 230 |
| ZB7KxxxS.6 | 257 |
| ZB7M000S | 224, 226, 246 |
| ZB7MxxxS.6 | 257 |
| ZB7N000S | 222 |
| ZB7NxxxS.6 | 257 |
| ZC7A0P0C | 543 |
| ZC7A0P0F | 543 |
| ZC7A0U0C | 543 |
| ZC7A0U0F | 543 |
| ZC7A0U0K | 540 |
| ZC7A0U0M | 540 |
| ZC7B0100S | 544 |
| ZC7B0200S | 544 |
| ZC7C0000 | 549 |
| ZC7C0001 | 549 |
| ZC7F300RHU | 546 |
| ZC7F300RSU | 543 |
| ZC7F400RHP | 546 |
| ZC7F400RSP | 543 |
| ZC7G0P0I | 549 |
| ZC7M0200 | 549 |
| ZC7Q010SH | 541 |
| ZC7Q010SS | 540 |
| ZC7Q020SH | 541 |
| ZC7Q020SS | 540 |
| ZC7Q0P0FH | 546 |
| ZC7Q0P0FS | 543 |
| ZC7Q0U0FH | 546 |
| ZC7Q0U0FS | 543 |
| ZC7Q0U0SH | 541 |
| ZC7Q0U0SS | 540 |
| ZC7S300RHU | 541 |
| ZC7S300RSU | 540 |
| ZC7S450BH3 | 541 |
| ZC7S450BS3 | 540 |
| ZC7S450RH1 | 541 |
| ZC7S450RH2 | 541 |
| ZC7S450RS1 | 540, 544 |
| ZC7S450RS2 | 540, 544 |
| ZC7S500BH3 | 541 |
| ZC7S500BS3 | 540 |
| ZC7S500RH1 | 541 |
| ZC7S500RH2 | 541 |
| ZC7S500RS1 | 540, 544 |
| ZC7S500RS2 | 540, 544 |
| ZC7S550BH3 | 541 |
| ZC7S550BS3 | 540 |
| ZC7S550RH1 | 541 |
| ZC7S550RH2 | 541 |
| ZC7S550RS1 | 540, 544 |
| ZC7S550RS2 | 540, 544 |
| ZC7S600BH3 | 541 |
| ZC7S600BS3 | 540 |
| ZC7S600RH1 | 541 |
| ZC7S600RH2 | 541 |
| ZC7S600RS1 | 540, 544 |
| ZC7S600RS2 | 540, 544 |
| ZC7S650BH3 | 541 |
| ZC7S650BS3 | 540 |
| ZC7S650RH1 | 541 |
| ZC7S650RH2 | 541 |
| ZC7S650RS1 | 540, 544 |
| ZC7S650RS2 | 540, 544 |
| ZC7T0350 | 549, 569 |
| ZC7U10E0 | 545 |
| ZC7U10F0 | 545 |
| ZC7U11E0 | 545 |
| ZE7S238G | 256 |
| ZE7S288G | 256 |
| ZE7S338G | 256 |
| ZE7S388G | 256 |
| ZE7S438G | 256 |
| ZE7S488G | 256 |
| ZE7S538G | 256 |
| ZE7Sxx8G | 240, 242, 244 |
| ZE7V1082G | 256 |
| ZE7V1088G | 256 |
| ZE7V332G | 256 |
| ZE7V338G | 256 |
| ZE7V482G | 256 |
| ZE7V488G | 256 |
| ZE7V782G | 256 |
| ZE7V788G | 256 |
| ZE7VxxxxG | 234, 242 |
| ZE7W1082G | 256 |
| ZE7W1088G | 256 |
| ZE7W332G | 256 |
| ZE7W338G | 256 |
| ZE7W482G | 256 |
| ZE7W488G | 256 |
| ZE7W782G | 256 |
| ZE7W788G | 256 |
| ZE7WxxxxG | 234, 242 |
| ZF7C7002 | 232, 238, 240, 248, 250 |
| ZF7C70E2 | 232, 238, 240, 248, 250 |
| ZF7C70T2 | 232, 238, 240, 248, 250, 588 |
| ZF7K7002 | 228 |
| ZF7K70E2 | 228 |
| ZF7K70T2 | 228, 588 |
| ZF7M7002 | 224, 232, 238, 240, 246, 248, 250 |
| ZF7M70E2 | 224, 232, 238, 240, 246, 248, 250 |
| ZF7M70T2 | 224, 232, 238, 240, 246, 248, 250, 588 |
| ZF7N7002 | 222 |
| ZF7N70E2 | 222 |
| ZF7N70T2 | 222, 588 |
| ZFZ.30G0I | 570 |
| ZFZ.40G0I | 570 |
| ZFZ.45G0I | 570 |
| ZI7.0KI0 | 230 |
| ZI7.0KS0 | 230 |
| ZI7.0M07 | 226, 230 |
| ZI7.0MI0 | 226 |
| ZI7.0MS0 | 226 |
| ZI7.2CI0 | 234, 242 |
| ZI7.2CS0 | 234, 242 |
| ZI7.3CI0 | 236, 244 |
| ZI7.3CS0 | 236, 244 |
| ZIF.3000 | 416 |
| ZIF.3010 | 414 |
| ZIF.3030 | 418 |
| ZIF.3050 | 420 |
| ZIF.7005 | 350, 352 |
| ZIF.7007 | 350, 352 |
| ZIF.7008 | 356 |
| ZIF.70K0 | 352 |
| ZIF.70M0 | 350 |
| ZIF.71K0 | 308 |
| ZIF.71M0 | 304 |
| ZIF.72B0 | 354 |
| ZIF.73D0 | 356 |
| ZIF.74C0 | 312 |
| ZIF.74D0 | 316, 320 |
| ZIF.80M0.01 | 276 |
| ZIF.80M5 | 276, 304, 308 |
| ZIF.80M7 | 276, 304, 308 |
| ZIF.81D0.01 | 278 |
| ZIF.82D0.01 | 280 |
| ZME.0710 | 643, 670 |
| ZME.0730 | 671 |
| ZME.1600.01 | 672 |
| ZME.1610 | 672 |
| ZME.2700 | 672 |
| ZME.5320 | 672 |
| ZME.xxx0.xx | 643 |
| ZML.0040.01 | 642, 658 |
| ZML.0050 | 642, 664 |
| ZML.0330 | 642, 665 |
| ZML.1090 | 642, 659 |
| ZML.1150.02 | 642, 666 |
| ZML.1500 | 675 |
| ZML.1510 | 675 |
| ZML.3510 | 675 |
| ZML.3580.01 | 675 |
| ZML.3600 | 675 |
| ZML.3710 | 643, 674 |
| ZML.7000 | 642, 661 |
| ZML.8000.02 | 675 |
| ZML.8030 | 679 |
| ZML.805S | 679 |
| ZML.80xx | 643 |
| ZML.x5x0.xx | 643 |
| ZMM.0350 | 635, 638 |
| ZMM.0700 | 635, 637 |
| ZMM.0700*20 | 637 |
| ZMM.2750.01 | 635, 636 |
| ZMM.2759 | 636 |
| ZOU.30U1I | 570 |
| ZR7.1080U | 236, 244, 545 |
| ZRE.321S.ID | 422, 424 |
| ZRE.363A.ID | 445, 485 |
| ZRE.371S.ID | 422, 424 |
| ZRE.413A.ID | 445, 485 |
| ZRE.421S.ID | 422, 424 |
| ZRE.443A.ID | 445, 485 |
| ZRE.463A.ID | 445, 485 |
| ZRE.471S.ID | 422, 424 |
| ZRE.483A.ID | 445, 485 |




| Part no. | Page |
|---|---|
| ZRE.513A.ID | 445, 485 |
| ZRE.521S.ID | 422, 424 |
| ZRE.543A.ID | 445, 485 |
| ZRE.563A.ID | 445, 485 |
| ZRE.613A.ID | 445, 485 |
| ZRF.2200.01 | 322, 324 |
| ZRG.000E3 | 356 |
| ZRG.000R5F | 322, 324 |
| ZRG.1046Z | 280, 312, 316, 320 |
| ZRG.1094U | 356, 446, 531, 565 |
| ZRG.1104Q | 563 |
| ZRG.1104U | 431, 432, 531 |
| ZRG.179Q | 563 |
| ZRG.204Q | 563 |
| ZRG.207RSIC | 310, 312, 314, 316, 318, 320, 322, 324 |
| ZRG.237RSIC | 310, 312, 314, 316, 318, 320, 322, 324 |
| ZRG.287RSIC | 310, 312, 314, 316, 318, 320, 322, 324 |
| ZRG.296V.IC | 354, 356 |
| ZRG.337RSIC | 310, 312, 314, 316, 318, 320, 322, 324 |
| ZRG.346V.IC | 354, 356 |
| ZRG.387RSIC | 310, 312, 314, 316, 318, 320, 322, 324, 326, 328 |
| ZRG.396V.IC | 354, 356, 358 |
| ZRG.437RSIC | 310, 312, 314, 316, 318, 320, 322, 324, 326, 328 |
| ZRG.446V.IC | 354, 356, 358 |
| ZRG.454Q | 563 |
| ZRG.487RSIC | 310, 312, 314, 316, 318, 320, 322, 324, 326, 328 |
| ZRG.496V.IC | 354, 356, 358 |
| ZRG.504Q | 563 |
| ZRG.537RSIC | 310, 312, 314, 316, 318, 320, 322, 324, 326, 328 |
| ZRG.546V.IC | 354, 356, 358 |
| ZRG.587RSIC | 310, 312, 314, 316, 318, 320, 322, 324, 326, 328 |
| ZRG.596V.IC | 354, 356, 358 |
| ZRG.804Q | 563 |
| ZRM.5500 | 367, 428 |
| ZRR.5200 | 338 |
| ZRU.00F0 | 431, 432, 565 |
| ZRU.00Z0 | 431, 565 |
| ZRU.01E0 | 563 |
| ZRU.10B1E | 432 |
| ZRU.11F0 | 563 |
| ZS7M400LU | 258 |
| ZS7M400MU | 438, 444, 460 |
| ZS7M600MU | 438, 444, 460 |
| ZS7M650LU | 258 |
| ZS7M750MU | 438, 444, 460 |
| ZSD.1200S | 427 |
| ZSF.1200 | 416, 418, 420, 422, 424 |
| ZSF.1300 | 416, 418, 420, 422, 424 |
| ZSF.130E | 416, 418, 420, 422, 424 |
| ZSF.1510 | 414 |
| ZSF.1610 | 414 |
| ZSF.1700 | 416, 418, 420, 422, 424 |
| ZSF.1800 | 416, 418, 420, 422, 424 |
| ZSF.35A2 | 274, 276, 282, 284, 300, 302, 306, 310, 314, 318, 322, 324, 326, 328, 348, 350, 352, 354, 356, 358 |
| ZSF.36A2 | 274, 276, 282, 284, 300, 302, 306, 310, 314, 318, 326, 328, 348, 350, 352, 354, 356, 358 |
| ZSF.39A2 | 274, 276, 282, 284, 300, 302, 306, 310, 314, 318, 326, 328, 348, 350, 352, 354, 356, 358 |
| ZSF.5220 | 278, 280, 282, 284 |
| ZSF.532E | 278, 280, 282, 284 |
| ZSI.010Q | 559 |
| ZSI.010SI | 559 |
| ZSI.020Q | 559 |
| ZSI.020SI | 559 |
| ZSI.030SI | 559 |
| ZSI.040SI | 559 |
| ZSI.12VEI4 | 553 |
| ZSI.12VEI6 | 553 |
| ZSI.12VEI7 | 553 |
| ZSI.12VUI4 | 554 |
| ZSI.12VUI6 | 554 |
| ZSI.12VUI7 | 554 |
| ZSI.450BI1N | 552, 554, 556, 558 |
| ZSI.450BI2N | 552, 558 |
| ZSI.450BI3E | 553, 558 |
| ZSI.450BI3N | 552, 556, 558 |
| ZSI.450FI1 | 558 |
| ZSI.450FI2N | 552, 554, 558 |
| ZSI.450FI3 | 554, 555, 556, 558 |
| ZSI.450KI2N | 554, 556, 558 |
| ZSI.450KI3N | 554, 556, 558 |
| ZSI.450KI4N | 552, 556, 558 |
| ZSI.450MI3 | 556, 558 |
| ZSI.500BI1N | 552, 554, 556, 558 |
| ZSI.500BI2N | 552, 558 |
| ZSI.500BI3 | 552, 556, 558 |
| ZSI.500BI3E | 553, 558 |
| ZSI.500FI1 | 558 |
| ZSI.500FI2N | 552, 554, 558 |
| ZSI.500FI3 | 554, 555, 556, 558 |
| ZSI.500KI2N | 554, 556, 558 |
| ZSI.500KI3N | 554, 556, 558 |
| ZSI.500KI4 | 552, 556, 558 |
| ZSI.500MI3 | 556, 558 |
| ZSI.550BI1N | 552, 554, 556, 558 |
| ZSI.550BI2N | 552, 558 |
| ZSI.550BI3 | 552, 556, 558 |
| ZSI.550FI1 | 558 |
| ZSI.550FI2N | 552, 554, 558 |
| ZSI.550FI3 | 554, 558 |
| ZSI.550KI2N | 554, 556, 558 |
| ZSI.550KI3N | 554, 556, 558 |
| ZSI.550KI4 | 552, 556, 558 |
| ZSI.550MI3 | 556, 558 |
| ZSI.600BI1N | 552, 554, 556, 558 |
| ZSI.600BI2N | 552, 558 |
| ZSI.600BI3 | 552, 553, 556, 558 |
| ZSI.600FI1 | 558 |
| ZSI.600FI2N | 552, 553, 554, 558 |
| ZSI.600FI3 | 554, 558 |
| ZSI.600KI2N | 554, 556, 558 |
| ZSI.600KI3N | 554, 556, 558 |
| ZSI.600KI4 | 552, 556, 558 |
| ZSI.600MI3 | 556, 558 |
| ZSI.60VEI4 | 552 |
| ZSI.60VEI6 | 552 |
| ZSI.60VEI7 | 552 |
| ZSI.60VUI4 | 554 |
| ZSI.60VUI6 | 554 |
| ZSI.60VUI7 | 554 |
| ZSI.650BI1N | 552, 554, 556, 558 |
| ZSI.650BI2N | 552, 558 |
| ZSI.650BI3 | 552, 553, 556, 558 |
| ZSI.650FI1 | 558 |
| ZSI.650FI2N | 552, 553, 554, 558 |
| ZSI.650FI3 | 554, 558 |
| ZSI.650KI2N | 554, 556, 558 |
| ZSI.650KI3N | 554, 556, 558 |
| ZSI.650KI4 | 552, 556, 558 |
| ZSI.650MI3 | 556, 558 |
| ZSI.90VEI4 | 552 |
| ZSI.90VEI6 | 552 |
| ZSI.90VEI7 | 552 |
| ZSI.90VUI4 | 554 |
| ZSI.90VUI6 | 554 |
| ZSI.90VUI7 | 554 |
| ZST.1160W | 267, 460 |
| ZST.410TT | 472, 480, 484 |
| ZST.410TV | 468, 476, 484 |
| ZST.450BA | 292, 337, 365 |
| ZST.450BB | 366 |
| ZST.500BA | 292, 337, 365 |
| ZST.500BB | 366 |
| ZST.550BA | 292, 337, 365 |
| ZST.550BB | 366 |
| ZST.600BA | 292, 337, 365 |
| ZST.600BB | 366 |
| ZST.600TV | 468, 476, 484 |
| ZST.650BA | 292, 337, 365 |
| ZST.650BB | 366 |
| ZST.650TT | 472, 480, 484 |
| ZST.750TV | 468, 484 |
| ZSZ.01F0 | 559, 569 |
| ZSZ.01F1 | 559, 569 |
| ZSZ.02F0 | 559, 569 |
| ZSZ.02F1 | 559, 569 |
| ZSZ.02M0 | 559, 569 |
| ZTU.00D0 | 446, 530 |
| ZTU.00Z0 | 446, 530 |
| ZV7.1043C01 | 226, 230, 236, 244 |
| ZV7.1043MN1 | 234, 242 |









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