



Catalogue and technical manual 2020/2021

Together we are Moving Ideas

www.blum.com

 **blum**[®]

Website



New possibilities:

Sources of current information in addition to the catalogue

We have linked our catalogue with our **online offer**, making comprehensive and up-to-date product information available for you to use at any time.

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.

Information on assembly, removal and adjustment

You will now find 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



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moving ideas

Even the best ideas are nothing without execution – why?

Because they stay in your head and don't move the world. We give our all for your ideas: our engineering and our know-how. And our employees who have their own inspiring ideas. To create solutions that do far more than just open and close furniture. To meet customers' wishes. To improve the quality of living. So let's get working together.

 blum®



We set significantly higher quality standards, because we don't just want to meet your expectations, we want to exceed them.

Find out more on page 666

blum

We see ourselves as a system supplier with a comprehensive product line, enabling you to turn your high-quality furniture ideas into reality.

blum





When it comes to trends and technology, we are at the cutting edge, allowing you to impress your customers with the latest solutions.

blum



AVENTOS HK top

Beautifully functional!



- Small installation size, minimalist design for a multitude of design possibilities for tall and wall cabinets
- Two different types of lift mechanism assembly
- Integrated infinitely variable opening angle stop
- Integrated safety mechanism
- Aesthetically matching cover cap design for AVENTOS HK-S
- AVENTOS HK top is compatible for use with BLUMOTION, SERVO-DRIVE and TIP-ON motion technologies

Page instructions

AVENTOS HK top

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Short-URL

www.blum.com/i014



SPACE STEP

The two-in-one plinth solution



- Enables access to the next storage level up in wall cabinets
- Creates additional storage space in the pull-out underneath the SPACE STEP
- Can be combined with all Blum box and runner systems
- Can be combined with all Blum motion technologies
- High flexibility: SPACE STEP can be used in all living spaces

Page instructions

SPACE STEP

546

Short-URL

www.blum.com/1009



Pull-out shelf lock

Secure hold for pull-out shelves



- Compatible with **MOVENTO** and **TANDEM full extensions**
- Can be combined with **BLUMOTION**, **TIP-ON BLUMOTION** and **TIP-ON**
- Two-sided locking mechanism
- Secure hold
- Pull-out shelf lock can be released with one hand thanks to synchronisation shaft
- Runners are attached to standard fixing positions
- Can be used throughout the home
- Elegant, understated design
- Easy assembly – fittings serve as template

Page instructions

MOVENTO pull-out shelf lock

386

TANDEM pull-out shelf lock

444

Short-URL

www.blum.com/i010



TANDEM 19 mm

The runner system for wide drawer sides



- Runner for wooden drawers with a panel thickness of **17–19 mm**
- TANDEM runners with integrated BLUMOTION and TIP-ON are available for full or single extension in various nominal lengths
- Available with locking device or hook & peg feature
- Low-friction cylindrical rollers ensure a feather-light glide
- High stability and good sag values
- Tool-free integrated front tilt adjustment
- Lift-off stop and height adjustment integrated into runner system

Page instructions

TANDEM 19 mm

409

Short-URL

www.blum.com/f011



MINIPRESS top

Well-equipped for the future



- Large depth of up to 350 mm by means of adjustment via vertical drilling unit
- Convenient drilling head clamping
- (Optional) horizontal drilling machine adjustment easily accessible
- Low drill wear as a result of automatic retraction of the drilling unit when the end position is reached
- Digital adjustment of all important dimensions
- Identical drilling heads and rulers as with PRO CENTER and MINIPRESS PRO
- Without EASYSTICK: easy adjustment of the Y-axis via the drilling unit by means of a hand wheel
- With EASYSTICK: automatic movement of the X | Y stop positions

Page instructions

MINIPRESS top with EASYSTICK

576

MINIPRESS top

580

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www.blum.com/i012



EASYSTICK

The new dimension in assembly



- Tool-free, easily adjustable and automatic ruler system for Blum drilling and insertion machines
- Drilling positions can be digitally determined directly on the machine
- Stops automatically move to the right position and show the correct positions step by step
- Import planning results from the Cabinet Configurator directly to EASYSTICK
- EASYSTICK can be retrofitted for MINIPRESS PRO and MINIPRESS P and in combination with the new MINIPRESS top machine

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EASYSTICK	
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www.blum.com/i013	



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e-services.blum.com

blum



Services


Efficient support every step of the way

Planning | design | product selection


Purchasing | ordering

Production | manufacturing


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 **Cabinet Configurator** 565

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 **Product Configurator** 564


 My order lists


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 **Product Configurator** 564


 Distributor interface


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 **Cabinet Configurator** 565

 My order lists


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 **Cabinet Configurator** 565


 Distributor interface

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 **CAD/CAM data service** 566

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 **EASYSYSTICK** 606

Short-URL
www.blum.com/i013

Assembly | adjustment


Marketing

Support | after-sales

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EA EASY ASSEMBLY app

blum 568



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www.blum.com/s015

Page instructions


 Marketing Media Library

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www.blum.com/s017


Page instructions

Technical consultation



Short-URL
www.blum.com/s020

Field sales



Short-URL
www.blum.com/s021





BLUMOTION	SERVO-DRIVE	TIP-ON
by Blum	by Blum	by Blum

AVENTOS 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 top



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



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



AVENTOS lift systems offer many opportunities for creating cabinets that are even more individual – in all areas of the home

▶ **AVENTOS HF – bi-fold lift system**



Symbolic image

▶ AVENTOS HF – bi-fold lift system	22
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▶ **AVENTOS HS – up and over lift system**



Symbolic image

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▶ **AVENTOS HL – lift up**



Symbolic image

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▶ **AVENTOS HK top – stay lift**



Symbolic image

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▶ **AVENTOS HK-S – stay lift**



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▶ **AVENTOS HK-XS – stay lift**



Symbolic image

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▶ **AVENTOS – mitred and notched applications**



Symbolic image

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▶ **Accessories**



Symbolic image

Screws	70
Centre bit	70
Door buffer	70
Screwdriver	71
Cross slot bit	71

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

Notched applications

Page instructions

AVENTOS – mitred and notched applications

Short-URL

www.blum.com/mitresrebates



Mitred applications



AVENTOS HF – bi-fold lift system

Notched applications



AVENTOS HF – bi-fold lift system



AVENTOS HS – up and over lift system



AVENTOS HS – up and over lift system



AVENTOS HL – lift up



AVENTOS HL – lift up



AVENTOS HK top – stay lift



AVENTOS HK top – 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		
Symbolic image		DQD8YM	24

	Narrow alu frames		
Symbolic image		DQD9NY	28

▶▶ **Accessories**

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	Hinge set	32	Screwdriver	71
	Mounting plates	156	Cross slot bit	71
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	Screws	70		
	Centre bit	70		

▶▶ **Assembly, removal and adjustment**

	Assembly, removal and adjustment		Machine directive	665
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	Short-URL		Short-URL	
	www.blum.com/a110		www.blum.com/sd/guideline	

Pictograph

	Item Available Upon Request		
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Lift systems



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

Wooden fronts and wide alu frames



- 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

Webcode

DQD8YM

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	<input type="checkbox"/>	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	<input type="checkbox"/>	Telescopic arm set	
		Cabinet height KH (mm)	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	<input type="checkbox"/>	Cover cap set	
		Colour	Material
		HGR SW TGR	Nylon
			Part no.
			20F8000

Composed of:

- 3a 1 x Cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo

3	<input checked="" type="checkbox"/>	Cover cap set for SERVO-DRIVE	
		Colour	Material
		HGR SW TGR	Nylon
			Part no.
			21F8000

Composed of:

- 3a 1 x SERVO-DRIVE cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo
- 3d 2 x SERVO-DRIVE switch
- 3e 6 x Blum distance bumper, Ø 5 mm

4	<input type="checkbox"/>	Mounting plate for telescopic arm	
		Fixing method	Spacing (mm)
		Screw-on	0
		EXPANDO	0
		Knock-in	0
			Part no.
			175H3100
			177H3100E
			177H3100

All horizontal steel mounting plates with 0 mm spacing possible

¹ Use 2 chipboard screws (609.1x00) per side for wooden fronts¹ Use 2 counter sunk self tapping screws (660.0950) per side for wide alu frames

6	<input checked="" type="checkbox"/>	SERVO-DRIVE set	
		Colour	Material
		R7037	Nylon
			Part no.
			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	<input checked="" type="checkbox"/>	Blum transformer 24 W	
		Language package	Part no.
		A	Z10NE030A
		B	Z10NE030B
		C	Z10NE030C
		D	Z10NE030D
		E	Z10NE030E
		F	Z10NE030F
		G	Z10NE030G
		H	Z10NE030H
		J	Z10NE030J

Incl. instruction leaflet and installation instructions

Without flex

Language package

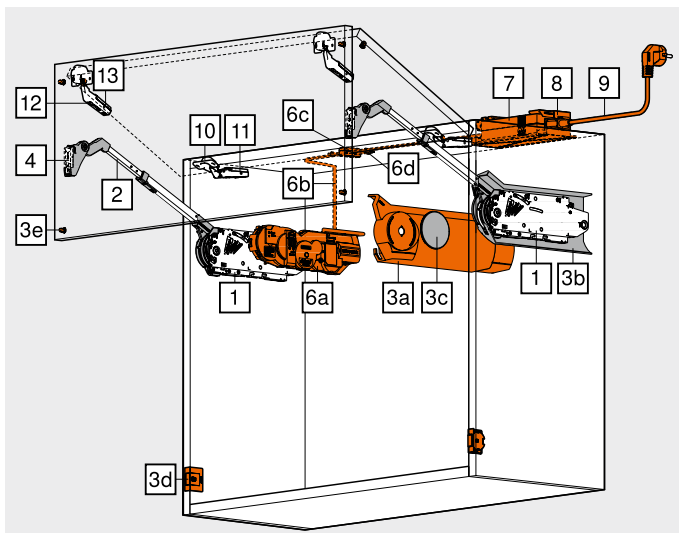
A	DE EN FR IT NL	F	BG ET LT LV RO RU
B	DA EN FI NO SV	G	EN ES FR
C	EL EN HR SL SR TR	H	EN ZH
D	EN ES FR IT PT	J	JA
E	CS HU PL SK		

Language descriptions as per ISO-639

8	<input checked="" type="checkbox"/>	Transformer unit housing	
		Colour	Material
		WGR	Nylon
			Part no.
			Z10NG120

For Blum transformer 24 W

9	<input checked="" type="checkbox"/>	Flex	
		Market	Part no.
		AR	Z10M200A
		UK	Z10M200B
		CH	Z10M200C
		DK	Z10M200D
		Europe	Z10M200E
		Europe	Z10M200E.OS
		IN	Z10M200H
		IL	Z10M200I
		JP	Z10M200J
		AU	Z10M200K
		CL	Z10M200L
		CN	Z10M200N
		BR	Z10M200S.01
		TW	Z10M200T
		US CA	Z10M200U
		ZA	Z10M200Z

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	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
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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	70T5550.TL

Boss overlay TO (fixed dimension)

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	72T5550.TL

Boss overlay TO (fixed dimension)

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 upper front overlay

12 CLIP top centre hinge

Boss	Spring	Part no.
EXPANDO	Unsprung	78Z553ET
Screw-on	Unsprung	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	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

Accessories

– Opening angle stop

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

– Distribution cable and cable end protector

Colour	Length (m)	Part no.
S	8	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

Colour	Material	Part no.
S	Nylon	Z10V100E.01

Composed of:

6c 1 x Connecting node

6d 2 x Cable end protector

Tool-free assembly

– Cable holder

Colour	Material	Part no.
W	Nylon	Z10K0009

For example, for securing the distribution cable

Colour

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

Page instructions

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Lift systems



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

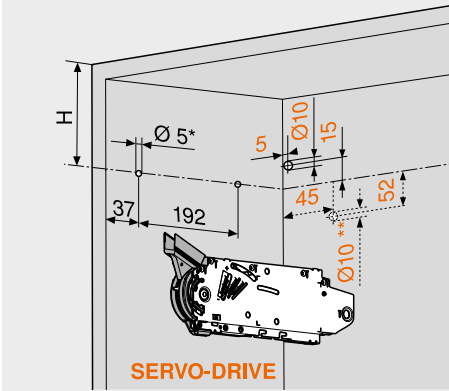
Wooden fronts and wide alu frames

Webcode
DQD8YM

Planning

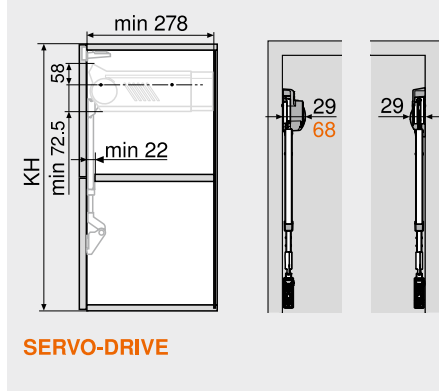
Symmetrical

Drilling position

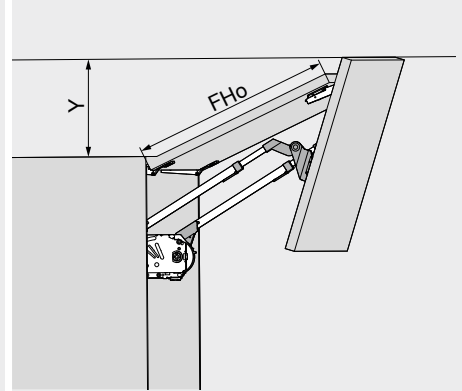


Cabinet height KH (mm)	H (mm)
480–549	KH x 0.3 – 28
550–1040	KH x 0.3 – 57
4 x chipboard screws Ø 4 x 35 mm	
Drilling for SERVO-DRIVE distribution cable, left only	
* Drilling depth 5 mm	
** Alternative drilling	

Space requirement

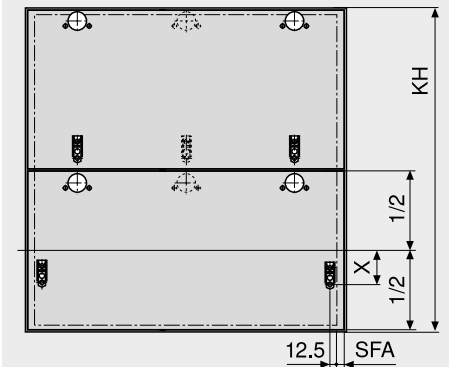


KH	Cabinet height
-----------	----------------



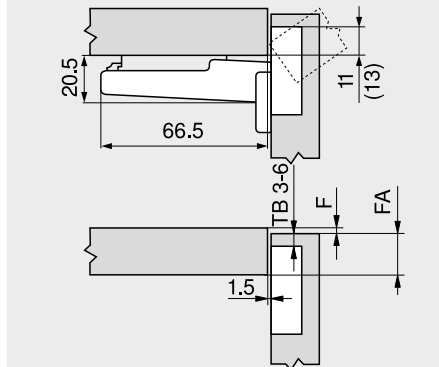
Opening angle stop	Y (mm)
Without	FHo x 0.44 + 38
104°	FHo x 0.24 + 34
83°	0
FHo	Upper front height

Front assembly



Cabinet height KH (mm)	X (mm)	
480–549	70	68
550–1040	47	45
SFA	Front overlay of the side panel	

CLIP top 120° hinge



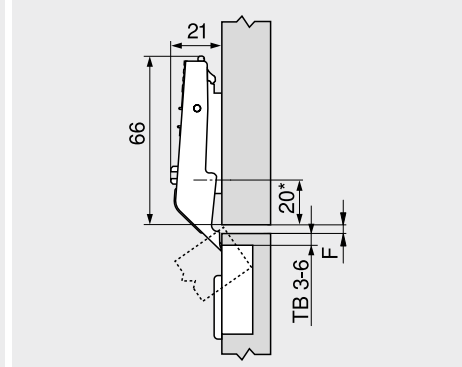
TB	Drilling distance
F	Gap
FA	Front overlay
()	CLIP top 120° special hinge

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)
With the CLIP top 120° special hinge, the front overlay is always 2 mm larger

CLIP top centre hinge



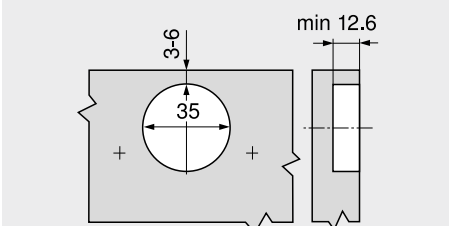
TB	Drilling distance
F	Min. gap 1.5 mm
*	37 mm for cruciform mounting plates (37/32)

Drilling distance TB

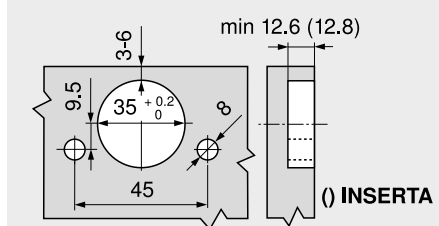
MD	Horizontal gap F (mm) between fronts					
	3	4	5	6		
0					3	4
3					6	5
6						4
9						3

MD Mounting plate spacing (mm)

Screw-on



INSERTA | EXPANDO



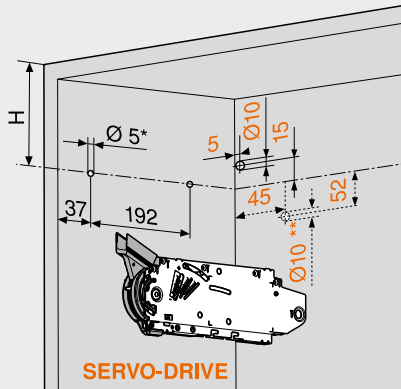
Wooden fronts and wide alu frames

Webcode
DQD8YM

Planning

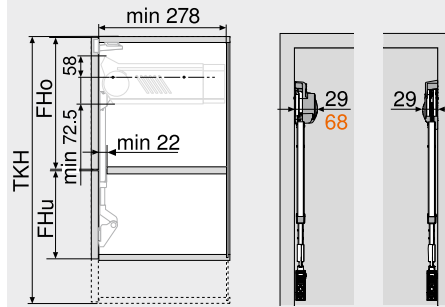
Asymmetrical

Drilling position



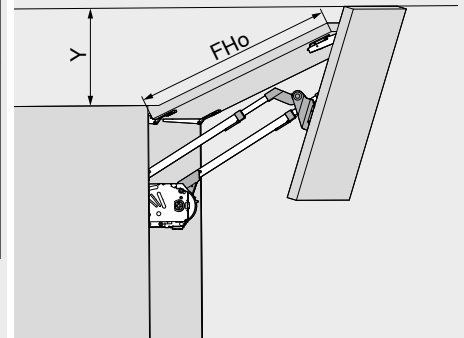
Theoret. cabinet height TKH (mm) H (mm)
480–549 TKH x 0.3 – 28
550–1040 TKH x 0.3 – 57
4 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
* Drilling depth 5 mm
** Alternative drilling

Space requirement



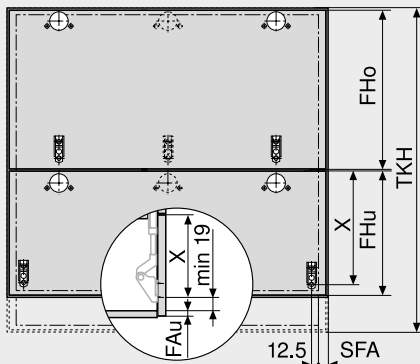
SERVO-DRIVE

TKH = FHo (mm) x 2 + gaps
TKH Theoretical cabinet height
FHo Upper front height
FHu Lower front height



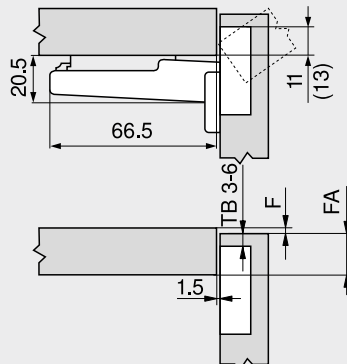
Opening angle stop Y (mm)
Without FHo x 0.44 + 38
104° FHo x 0.24 + 34
83° 0
FHo Upper front height
The larger front must be at the top!

Front assembly



Theoret. cabinet height TKH (mm) X (mm)
177H3100 | 175H5400 |
177H3100E | 177H5400E
177H3100E10
| 177H5100
| 175H3100 |
175H4100
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



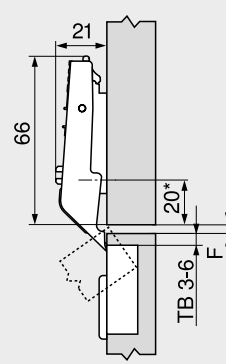
TB Drilling distance
F Gap
FA Front overlay
() CLIP top 120° special hinge

Drilling distance TB

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

MD Mounting plate spacing (mm)
With the CLIP top 120° special hinge, the front overlay is always 2 mm larger

CLIP top centre hinge



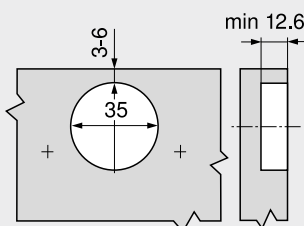
TB Drilling distance
F Min. gap 1.5 mm
* 37 mm for cruciform mounting plates (37/32)

Drilling distance TB

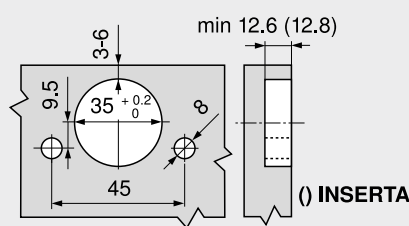
MD	Horizontal gap F (mm) between fronts					
	3	4	5	6		
0						
3						
6						
9						

MD Mounting plate spacing (mm)

Screw-on



INSERTA | EXPANDO



Page instructions

Overview – AVENTOS HF	23
Order specification – wooden fronts and wide alu frames	24
Planning – Blum distance bumper	33
Planning – SERVO-DRIVE switch	33
Machine directive	665

Assembly, removal and adjustment



Short-URL
www.blum.com/a110

Lift systems



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

Narrow alu frames



- 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

Webcode
DQD9NY

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	<input type="checkbox"/>	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	<input type="checkbox"/>	Telescopic arm set	
		Cabinet height KH (mm)	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	<input type="checkbox"/>	Cover cap set	
		Colour	Material
		HGR SW TGR	Nylon
			Part no.
			20F8000

Composed of:

- 3a 1 x Cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo

3	<input checked="" type="checkbox"/>	Cover cap set for SERVO-DRIVE	
		Colour	Material
		HGR SW TGR	Nylon
			Part no.
			21F8000

Composed of:

- 3a 1 x SERVO-DRIVE cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo
- 3d 2 x SERVO-DRIVE switch
- 3e 6 x Blum distance bumper, Ø 5 mm

4	<input type="checkbox"/>	CLIP adapter plate for telescopic arms	
		Version	Spacing (mm)
		Left right	0
			Part no.
			175H5B00

6	<input checked="" type="checkbox"/>	SERVO-DRIVE set	
		Colour	Material
		R7037	Nylon
			Part no.
			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

7	<input checked="" type="checkbox"/>	Blum transformer 24 W	
		Language package	Part no.
		A	Z10NE030A
		B	Z10NE030B
		C	Z10NE030C
		D	Z10NE030D
		E	Z10NE030E
		F	Z10NE030F
		G	Z10NE030G
		H	Z10NE030H
		J	Z10NE030J

Incl. instruction leaflet and installation instructions

Without flex

Language package

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

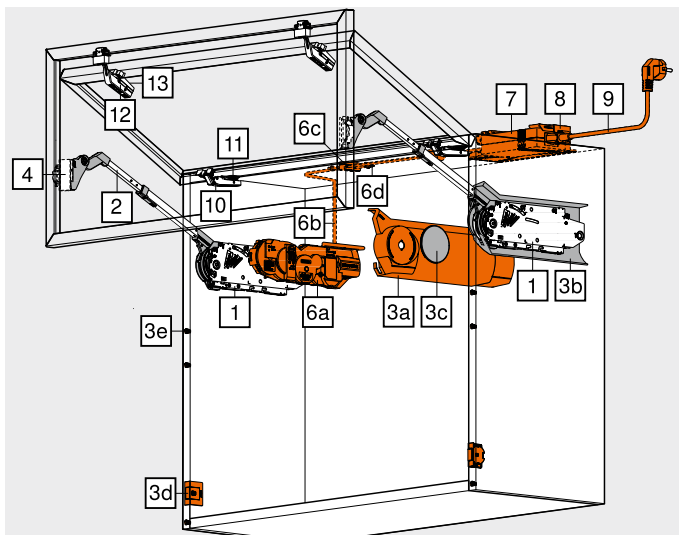
Language descriptions as per ISO-639

8	<input checked="" type="checkbox"/>	Transformer unit housing	
		Colour	Material
		WGR	Nylon
			Part no.
			Z10NG120

For Blum transformer 24 W

9	<input checked="" type="checkbox"/>	Flex	
		Market	Part no.
		AR	Z10M200A
		UK	Z10M200B
		CH	Z10M200C
		DK	Z10M200D
		Europe	Z10M200E
		Europe	Z10M200E.OS
		IN	Z10M200H
		IL	Z10M200I
		JP	Z10M200J
		AU	Z10M200K
		CL	Z10M200L
		CN	Z10M200N
		BR	Z10M200S.01
		TW	Z10M200T
		US CA	Z10M200U
		ZA	Z10M200Z

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.
	A	 Z10NA30EAF	E	F	 Z10NA30EFF
	B	 Z10NA30EBF	B	A	 Z10NA30BAF
	C	 Z10NA30ECF	K	D	 Z10NA30KDF
	D	 Z10NA30EDF	U	G	 Z10NA30UGF
	E	 Z10NA30EEF			

Network adapter



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

Accessories

–  Opening angle stop

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



–  Distribution cable and cable end protector

Colour	Length (m)	Part no.
 S	8	 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

Colour	Material	Part no.
 S	Nylon	 Z10V100E.01

Composed of:

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

–  Cable holder

Colour	Material	Part no.
 W	Nylon	 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

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Accessories – hinge set	32	SERVO-DRIVE uno – market list	682
Mounting plates	156	Overview – assembly devices	561
Accessories – general	70	Reference values for door weights	668
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Planning – Blum distance bumper	33		

Assembly, removal and adjustment

Short-URL
www.blum.com/a110



Lift systems



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

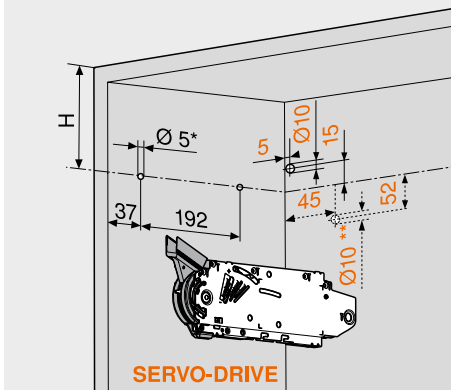
Narrow alu frames

Webcode
DQD9NY

Planning

Symmetrical

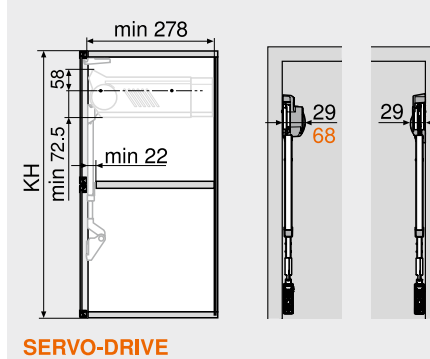
Drilling position



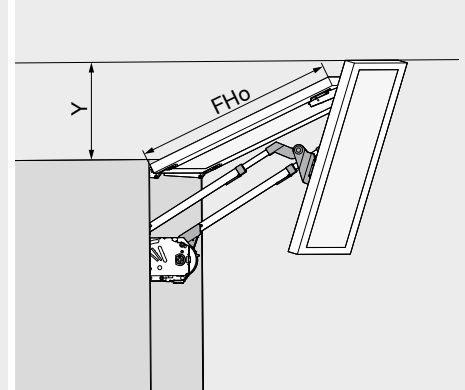
Cabinet height KH (mm)	H (mm)
480–549	KH x 0.3 – 28
550–1040	KH x 0.3 – 57

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

Space requirement



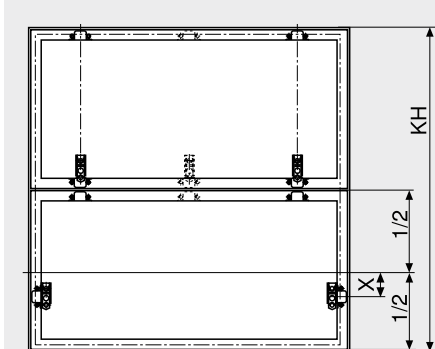
KH Cabinet height



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

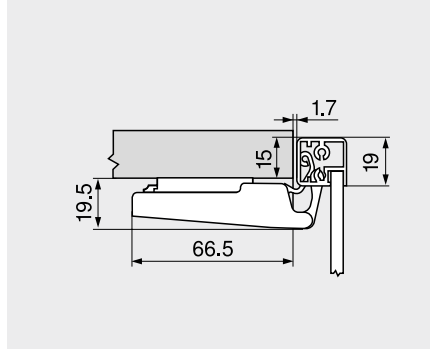
FHo Upper front height

Front assembly

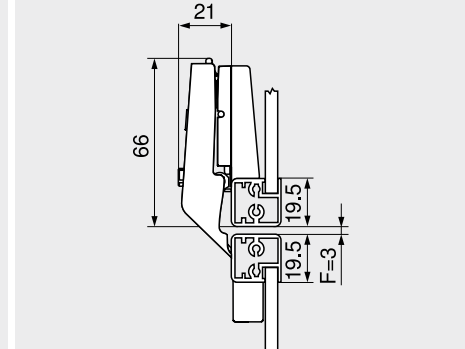


Cabinet height KH (mm)	X (mm)
480–549	54
550–1040	31

CLIP top 120° aluminium frame door hinge

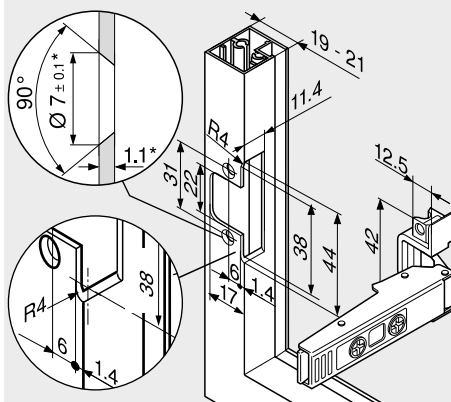


CLIP top aluminium centre hinge



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

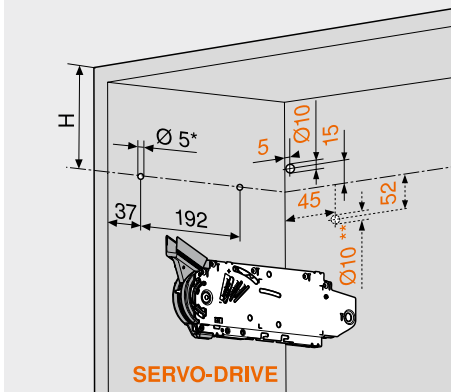
Narrow alu frames

Webcode
DQD9NY

Planning

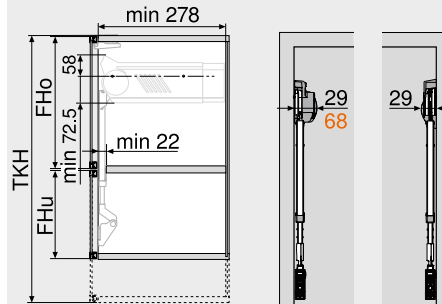
Asymmetrical

Drilling position



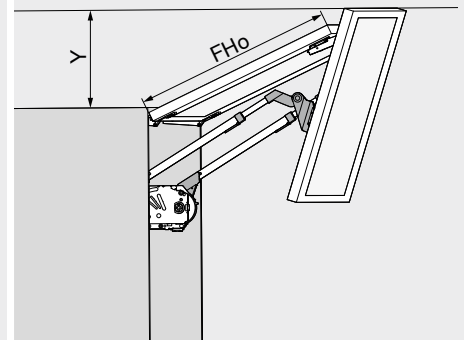
Theoret. cabinet height TKH (mm) H (mm)
480–549 TKH x 0.3 – 28
550–1040 TKH x 0.3 – 57
4 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
* Drilling depth 5 mm
** Alternative drilling

Space requirement



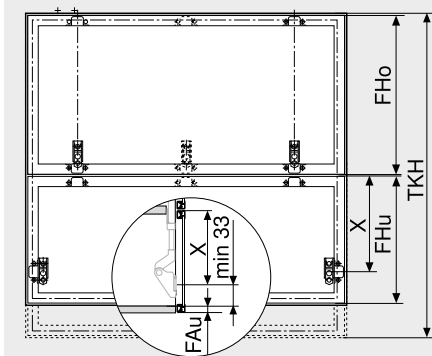
SERVO-DRIVE

TKH = FHo (mm) x 2 + gaps
TKH Theoretical cabinet height
FHo Upper front height
FHu Lower front height



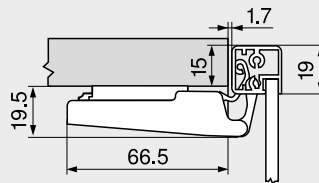
Opening angle stop Y (mm)
Without FHo x 0.44 + 38
104° FHo x 0.24 + 34
83° 0
FHo Upper front height
The larger front must be at the top!

Front assembly

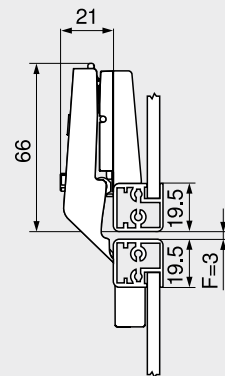


Theoret. cabinet height TKH (mm) X (mm)
480–549 FHo / 2 + 54
550–1040 FHo / 2 + 31
FHo Upper front height
FHu Lower front height
FAu Bottom front overlay

CLIP top 120° aluminium frame door hinge

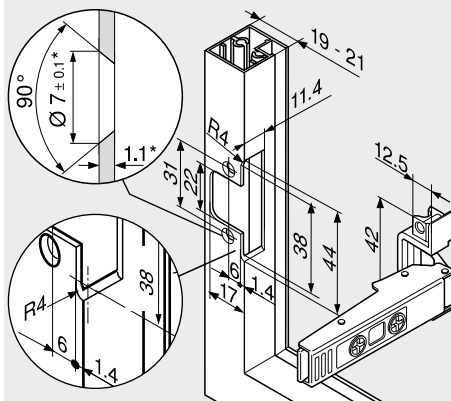


CLIP top aluminium centre hinge



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

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Assembly, removal and adjustment



Short-URL

www.blum.com/a110

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 70T5590BTL	
2 x CLIP top centre hinge without spring 78Z5530T	
6 x Horizontal cam mounting plate 177H3100	

Hinge set – wooden fronts and wide aluminium frames



- Hinge-set

Order information

Fixing method	Part no.
Screw-on	78Z5500T12
Composed of:	
2 x CLIP top 120° hinge unsprung 70T5550.TL	
2 x CLIP top centre hinge without spring 78Z5500T	
6 x Horizontal cam mounting plate 175H3100	
For wide alu frames, an additional cruciform mounting plate is required for the CLIP top centre hinge	
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



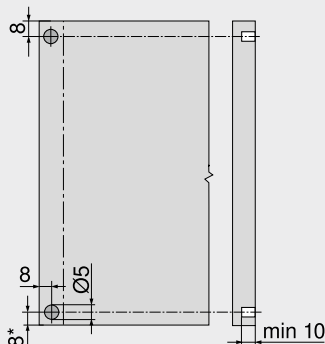
- Hinge-set

Order information

Fixing method	Part no.
Screw-on	78Z550AT11
Composed of:	
2 x CLIP top 120° aluminium frame hinge without spring 72T550A.TL	
2 x CLIP top alu centre hinge without spring 78Z550AT	
2 x Horizontal cam mounting plate 175H5400	
2 x CLIP adapter plate symmetric 175H5A00	
2 x CLIP adapter plate left/right 175H5B00	

Planning

Blum distance bumper (SERVO-DRIVE application only)



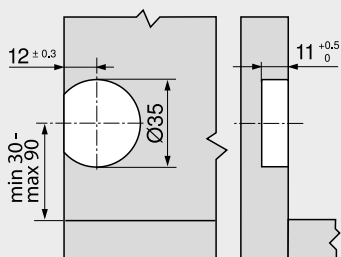
Insert Blum distance bumper (do not glue)

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 bottom edge for fronts that protrude below

SERVO-DRIVE switch



Page instructions

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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

BLUMOTION

SERVO-DRIVE

by Blum

by Blum

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

Symbolic image

DQDADA 36

▶▶ **Accessories**



Screws	70
Centre bit	70
Door buffer	70
Screwdriver	71
Cross slot bit	71

Symbolic image

▶▶ **Assembly, removal and adjustment**



Assembly, removal and adjustment



Machine directive 665

Detailed information on the Machine Directive

Short-URL

www.blum.com/a120

Short-URL

www.blum.com/sd/guideline

Symbolic image

Pictograph



Item Available Upon Request

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

KH (mm)	20S2A00.05			20S2B00.05			20S2C00.05		
	Weight of front incl. handle (kg)			Weight of front incl. handle (kg)			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

KH (mm)	20S2D00.05			20S2E00.05			20S2F00.05		
	Weight of front incl. handle (kg)			Weight of front incl. handle (kg)			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

KH (mm)	20S2G00.05			20S2H00.05			20S2I00.05		
	Weight of front incl. handle (kg)			Weight of front incl. handle (kg)			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

Colour	Material	Part no.
NI	Steel	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

Colour	Material	Part no.
NI	Steel	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

Colour	Material	Part no.
HGR SW TGR	Nylon	20S8000

Composed of:

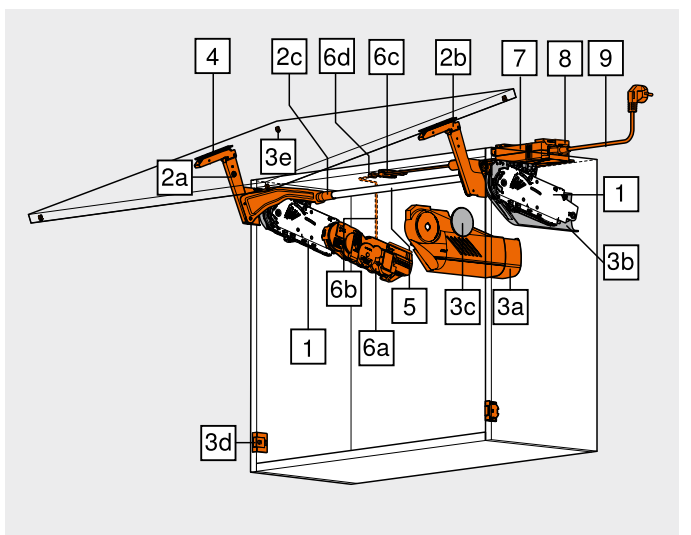
- 3a 1 x Cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo

3 Cover cap set for SERVO-DRIVE

Colour	Material	Part no.
HGR SW TGR	Nylon	21S8000

Composed of:

- 3a 1 x SERVO-DRIVE cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo
- 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	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)
		1061	Ø 16
			Part no.
			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)
		Aluminium	Ø 16
			Part no.
			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	
		Colour	Material
		R7037	Nylon
			Part no.
			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.
		A	Z10NE030A
		B	Z10NE030B
		C	Z10NE030C
		D	Z10NE030D
		E	Z10NE030E
		F	Z10NE030F
		G	Z10NE030G
		H	Z10NE030H
		J	Z10NE030J

Incl. instruction leaflet and installation instructions

Without flex

Language package

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

Language descriptions as per ISO-639

8		Transformer unit housing	
		Colour	Material
		WGR	Nylon
			Part no.
			Z10NG120

For Blum transformer 24 W

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

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

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

Accessories

– **Distribution cable and cable end protector**

	Colour	Length (m)	Part no.
	S	8	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**

	Colour	Material	Part no.
	S	Nylon	Z10V100E.01

Composed of:

6c 1 x Connecting node

6d 2 x Cable end protector

Tool-free assembly

– **Cable holder**

	Colour	Material	Part no.
	W	Nylon	Z10K0009

For example, for securing the distribution cable

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	35	Planning – Blum distance bumper	39	Assembly, removal and adjustment
Fixing system for thin fronts – EXPANDO T	554	Planning – SERVO-DRIVE switch	39	
Assembly recommendation and limitation of liability – EXPANDO T	555	SERVO-DRIVE uno – market list	682	
		Overview – assembly devices	561	
Accessories – general	70	Reference values for door weights	668	
Planning	38	Machine directive	665	
		More technical details	662	

Lift systems



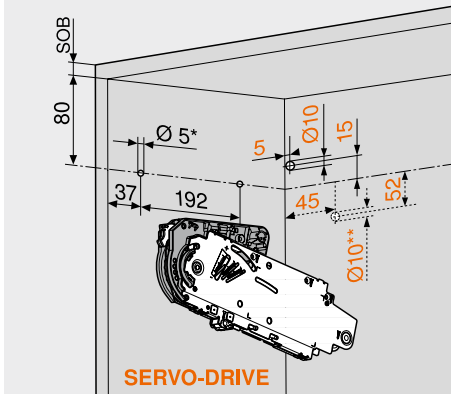
- ▶ AVENTOS HS – up and over lift system
- ▶▶ Standard | SERVO-DRIVE

Wooden fronts, wide and narrow alu frames

Webcode
DQDADA

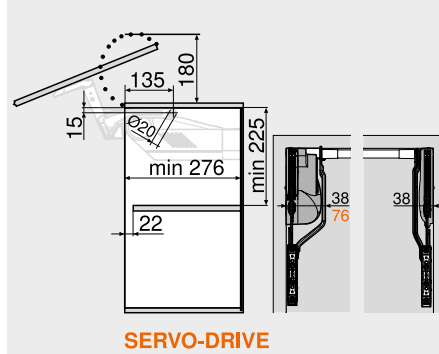
Planning

Drilling position

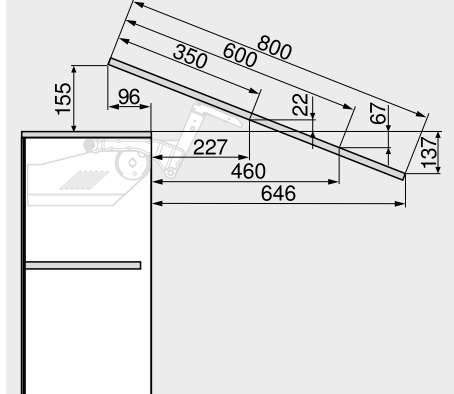


5 x chipboard screws \varnothing 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
SOB Top panel thickness
* Drilling depth 5 mm
** Alternative drilling

Space requirement

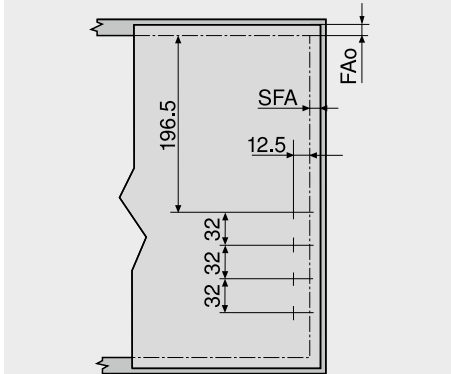


SERVO-DRIVE



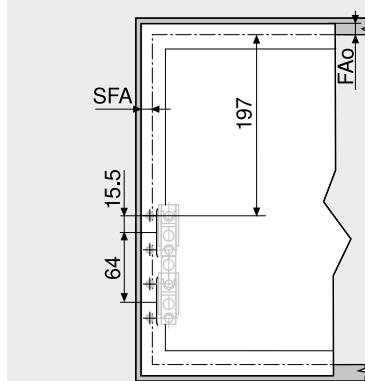
Dimensions depend on tilt adjustment

Front assembly – wooden fronts and wide alu frames



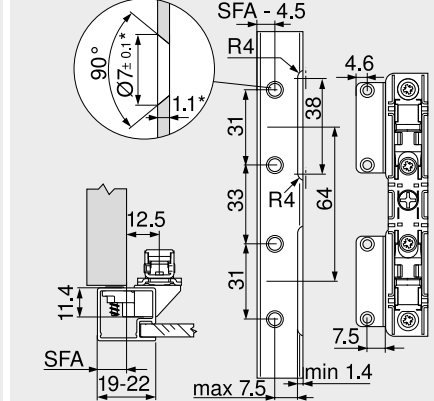
Use 4 chipboard screws (609.1x00) for wooden fronts
Use 4 counter sunk self tapping screws (660.0950) for wide alu frames
FAo Upper front overlay
SFA Front overlay of the side panel
Wall application: min. gap required 5 mm

Front assembly – narrow alu frames



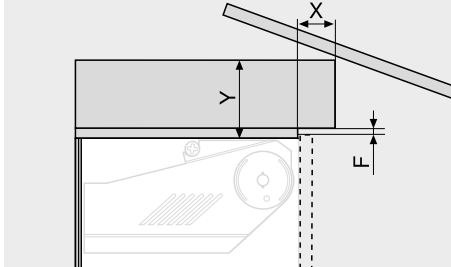
FAo Upper front overlay
SFA Front overlay of the side panel
Wall application: min. gap required 5 mm

Narrow alu frames



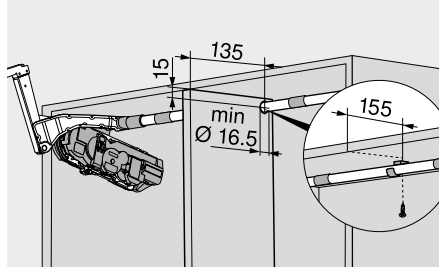
For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

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

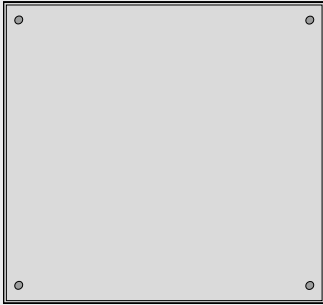


Wooden fronts, wide and narrow alu frames

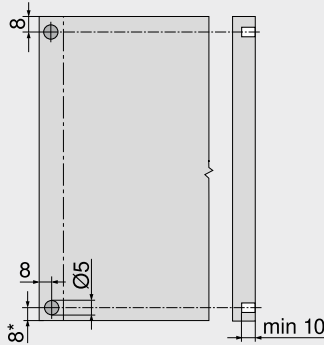
Webcode
 DQDADA

Planning

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)

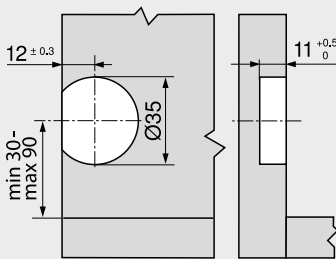


Recommendation for aluminium frames

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 bottom edge for fronts that protrude below

SERVO-DRIVE switch



Page instructions

Overview – AVENTOS HS	35	Assembly, removal and adjustment
Order specification – wooden fronts, wide and narrow alu frames	36	
Overview – assembly devices	561	Short-URL www.blum.com/a120
Machine directive	665	
More technical details	662	



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 larger 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

Symbolic image

DQDB2M

42

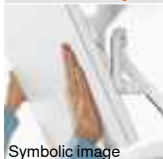
▶▶ **Accessories**



Screws	70
Centre bit	70
Door buffer	70
Screwdriver	71
Cross slot bit	71

Symbolic image

▶▶ **Assembly, removal and adjustment**



Assembly, removal and adjustment



Machine directive

Detailed information on the Machine Directive

665

Short-URL

www.blum.com/a130

Short-URL

www.blum.com/sd/guideline

Symbolic image

Pictograph



Item Available Upon Request

Lift systems



- ▶ 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)

Example

Cabinet height KH = 390 mm
 Weight of front = 6 kg
 Lift mechanism selection = 20L2500.05
 Lever arm selection = 20L3500.06
 Lever arm for SERVO-DRIVE = 21L3500.01
 We recommend the more powerful lift mechanism for overlapping areas.

 Standard

 SERVO-DRIVE

Order information

1 <input type="checkbox"/> <input checked="" type="checkbox"/> Lift mechanism set				
Cabinet height KH (mm)				
300–349	350–399	400–550	450–580	Part no.
Lever arm set				
<input type="checkbox"/> 20L3200.06	<input type="checkbox"/> 20L3500.06	<input type="checkbox"/> 20L3800.06	<input type="checkbox"/> 20L3900.06	
<input checked="" type="checkbox"/> 21L3200.01	<input checked="" type="checkbox"/> 21L3500.01	<input checked="" type="checkbox"/> 21L3800.01	<input checked="" type="checkbox"/> 21L3900.01	

Weight of front incl. handle (kg)	Part no.			
	1.25–4.25	1.25–2.50		
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 <input type="checkbox"/> Lever arm set	
Cabinet height KH (mm)	
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 <input type="checkbox"/> Cover cap set			
Colour	Material	Part no.	
HGR SW TGR	Nylon	20L8000.01	

Composed of:

- 3a 1 x Cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo

2 <input checked="" type="checkbox"/> Lever arm set for SERVO-DRIVE	
Cabinet height KH (mm)	
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 <input checked="" type="checkbox"/> Cover cap set for SERVO-DRIVE			
Colour	Material	Part no.	
HGR SW TGR	Nylon	21L8000	

Composed of:

- 3a 1 x SERVO-DRIVE cover cap large left
- 3b 1 x Cover cap large right
- 3c 2 x Round cover cap stamped with Blum logo
- 3d 2 x SERVO-DRIVE switch
- 3e 4 x Blum distance bumper, Ø 5 mm

4 <input type="checkbox"/> <input checked="" type="checkbox"/> 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 <input type="checkbox"/> <input checked="" type="checkbox"/> Front fixing bracket		
Version		Part no.
Thin fronts		20S42T1

EXPANDO T suitable for thin fronts – see page instructions

5 <input type="checkbox"/> <input checked="" type="checkbox"/> 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

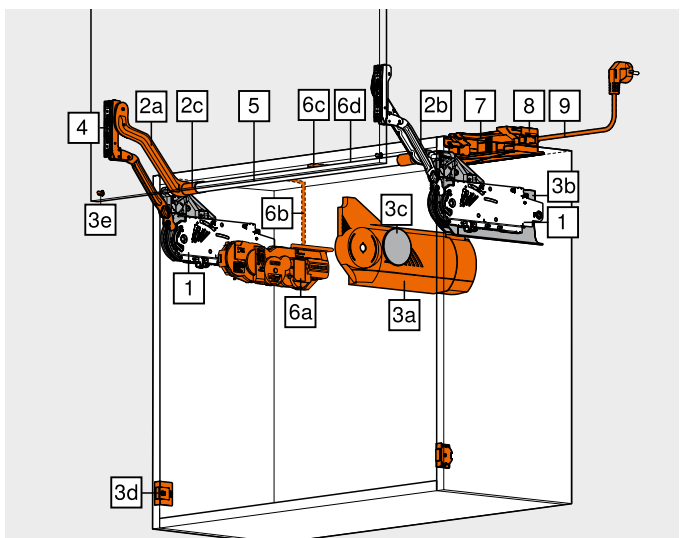
- <input type="checkbox"/> <input checked="" type="checkbox"/> Connecting piece set for cross stabiliser		
Internal cabinet width LW 1190 mm and higher		
Diameter (mm)	Material	Part no.
Ø 16	Aluminium	20Q153ZA

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



Wooden fronts, wide and narrow alu frames

Webcode
DQDB2M

Order information

6		SERVO-DRIVE set		
	Colour	Material	Part no.	
	R7037	Nylon	Z1FA000	

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	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		

Incl. instruction leaflet and installation instructions

Without flex

Language package

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

Language descriptions as per ISO-639

8		Transformer unit housing		
	Colour	Material	Part no.	
	WGR	Nylon	Z10NG120	

For Blum transformer 24 W

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

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



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

Accessories

–		Distribution cable and cable end protector		
	Colour	Length (m)	Part no.	
	S	8	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		
	Colour	Material	Part no.	
	S	Nylon	Z10V100E.01	

Composed of:

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

–		Cable holder		
	Colour	Material	Part no.	
	W	Nylon	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	41	Planning – Blum distance bumper	45	Assembly, removal and adjustment	
Fixing system for thin fronts – EXPANDO T	554	Planning – SERVO-DRIVE switch	45		
Assembly recommendation and limitation of liability – EXPANDO T	555	SERVO-DRIVE uno – market list	682	Short-URL	
		Overview – assembly devices	561		
Accessories – general	70	Reference values for door weights	668		
Planning	44	Machine directive	665		
		More technical details	662		

Lift systems



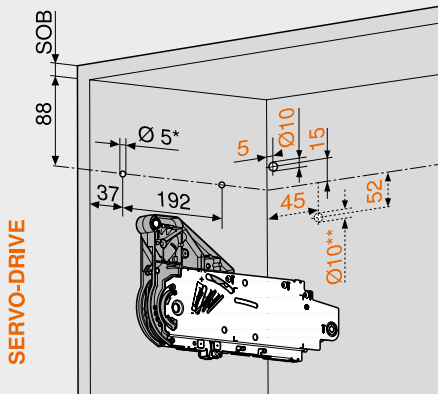
- ▶ AVENTOS HL – lift up
- ▶▶ Standard | SERVO-DRIVE

Wooden fronts, wide and narrow alu frames

Webcode
DQDB2M

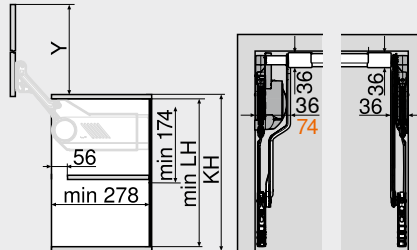
Planning

Drilling position

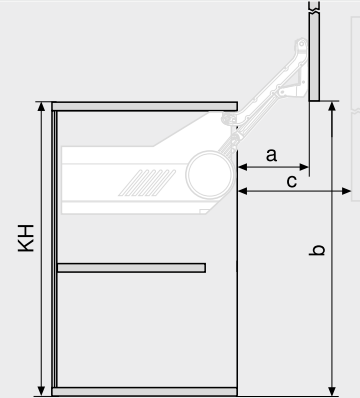


5 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable, left only
SOB Top panel thickness
* Drilling depth 5 mm
** Alternative drilling

Space requirement



SERVO-DRIVE



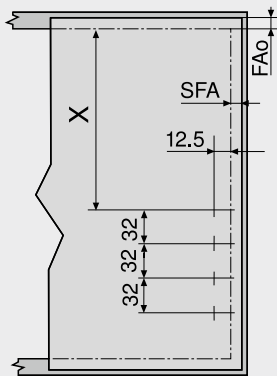
Lever arm set		LH min.	Y (mm) ¹
Standard	SERVO-DRIVE	(mm) ¹	
20L3200.06	21L3200.01	262.0	264.0
20L3500.06	21L3500.01	312.0	352.0
20L3800.06	21L3800.01	362.0	440.0
20L3900.06	21L3900.01	412.0	529.0

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

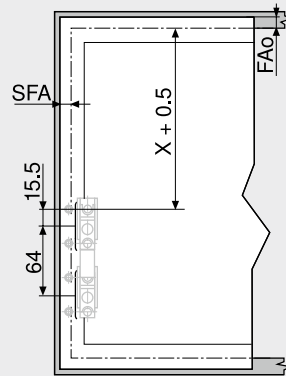
Front assembly – wooden fronts and wide alu frames



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

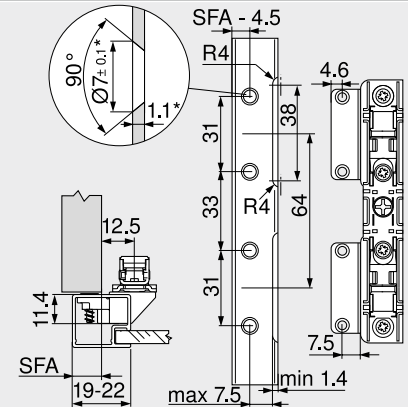
Front assembly – narrow alu frames



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

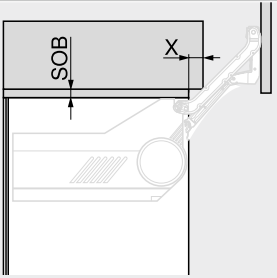
FAo Upper front overlay
SFA Front overlay of the side panel
Wall application: min. gap required 5 mm

Narrow alu frames



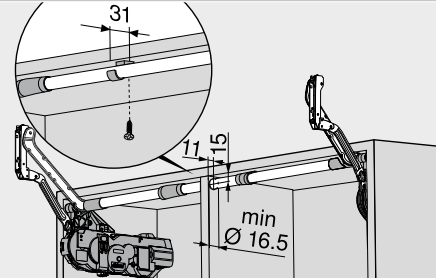
For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

Space requirement – cornice | crown



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

Connecting piece

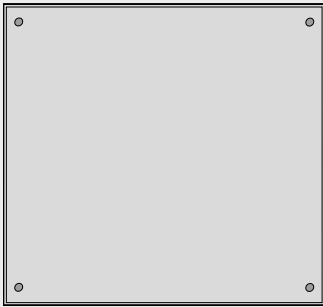


Wooden fronts, wide and narrow alu frames

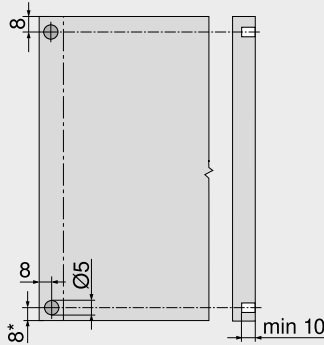
Webcode
 DQDB2M

Planning

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)

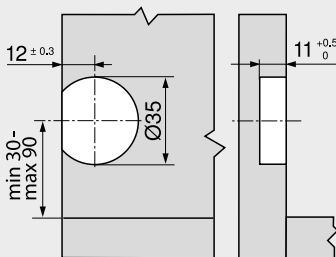


Recommendation for aluminium frames

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 bottom edge for fronts that protrude below

SERVO-DRIVE switch



Page instructions

Overview – AVENTOS HL	41	Assembly, removal and adjustment
Order specification – wooden fronts, wide and narrow alu frames	42	
Overview – assembly devices	561	Short-URL www.blum.com/a130
Machine directive	665	
More technical details	662	



Lift systems



▶ AVENTOS HK top – stay lift

Experience unprecedented ease of use



AVENTOS HK top is compact, minimalistic and highly functional. It is suitable for both small and large lift systems in tall and wall cabinets. Opening angle stop and safety mechanism are integrated. 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 HK top
- Optional: TIP-ON for AVENTOS



Opening and closing – easy and comfortable



Small installation size, straight lines, harmonious proportions, smooth surfaces: AVENTOS HK top has already won multiple awards for its design



Thanks to its minimalist design, the stay lift fits harmoniously into furniture in all areas of the home



Choose between two symmetrical lift mechanism types – and two types of assembly. The lift mechanism with the integrated positioning system can be installed without pre-drilling. The lift mechanism with pre-mounted system screws can also be installed to the unattached cabinet side. Four drill holes in the 32 tier system are required for this



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: high durability combined with light operating forces

**Motion technologies**







Whether with SERVO-DRIVE or TIP-ON: combined with the right motion technology, they make opening and closing a memorable experience

**Integrated safety mechanism**

The innovative mechanism prevents the lever arm from opening unintentionally

**Integrated opening angle stop**

The distance the front should open is infinitely variable and can therefore be set exactly as required

Applications		Webcode	Page
▶▶ Standard SERVO-DRIVE			
	Wooden fronts, wide and narrow alu frames		
		DQHFJY	48
▶▶ TIP-ON			
	Wooden fronts, wide and narrow alu frames – TIP-ON		
		DQHS7Y	52
	TIP-ON 956. – short version with magnet		54
	TIP-ON 956A – long version with magnet		54
▶▶ Accessories			
	Adapter plates		55
	Screws		70
	Centre bit		70
	Door buffer		70
	Screwdriver		71
	Cross slot bit		71
Symbolic image			
▶▶ Assembly, removal and adjustment			
	Assembly, removal and adjustment		Machine directive
			Detailed information on the Machine Directive
	Short-URL		Short-URL
	www.blum.com/a170		www.blum.com/sd/guideline
Symbolic image			665

Pictograph		
	Item Available Upon Request	

Lift systems



- ▶ AVENTOS HK top – stay lift
- ▶▶ Standard | SERVO-DRIVE

Wooden fronts, wide and narrow alu frames

Webcode

DQHFJY



- 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
- Integrated safety mechanism
- Integrated infinitely variable opening angle stop

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 <input type="checkbox"/> <input checked="" type="checkbox"/> Lift mechanism set			
Fixing with pre-mounted system screws			
Power factor LF	Opening angle	Part no.	
420–1610	107°	22K2310	
930–2800	107°	22K2510	
1730–5200	107°	22K2710	
3200–9000	107°	22K2910	

Composed of:

- 1 2 x Symmetrical lift mechanism with pre-mounted system screws

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 <input type="checkbox"/> <input checked="" type="checkbox"/> Lift mechanism set			
Fixing with chipboard screws with positioning system			
Power factor LF	Opening angle	Part no.	
420–1610	107°	22K2300	
930–2800	107°	22K2500	
1730–5200	107°	22K2700	
3200–9000	107°	22K2900	

Composed of:

- 1 2 x Lift mechanism (symmetrical)

Incl. positioning system

- 8 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

3 <input type="checkbox"/> <input checked="" type="checkbox"/> Cover cap set			
Colour	Material	Part no.	
HGR SW TGR	Nylon	22K8000	

Composed of:

- 1 x Cover cap left

- 3b 1 x Cover cap right

- 3c 2 x Branding element, stamped with Blum logo

IN-G

3 <input checked="" type="checkbox"/> <input type="checkbox"/> Cover cap set for SERVO-DRIVE			
Colour	Material	Part no.	
HGR SW TGR	Nylon	23K8000	

Composed of:

- 3a 1 x SERVO-DRIVE cover cap left

- 3b 1 x Cover cap right

- 3c 2 x Branding element, stamped with Blum logo

IN-G

- 3d 2 x SERVO-DRIVE switch

- 3e 2 x Blum distance bumper, Ø 5 mm

4 <input type="checkbox"/> <input checked="" type="checkbox"/> Front fixing bracket set			
Version	Part no.		
Wooden fronts and wide alu frames	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 <input type="checkbox"/> <input checked="" type="checkbox"/> Front fixing bracket			
Version	Part no.		
Thin fronts	20S4211		

EXPANDO T suitable for thin fronts – see page instructions

6 <input checked="" type="checkbox"/> SERVO-DRIVE set			
Colour	Material	Part no.	
R7037	Nylon	23KA000	

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 <input checked="" type="checkbox"/> Blum transformer 24 W			
Language package	Part no.	Language package	Part no.
A	Z10NE030A	F	Z10NE030F
B	Z10NE030B	G	Z10NE030G
C	Z10NE030C	H	Z10NE030H
D	Z10NE030D	J	Z10NE030J
E	Z10NE030E		

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

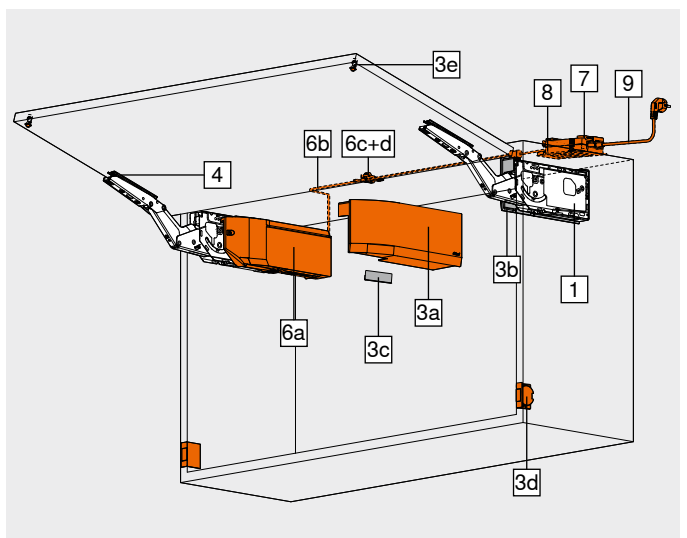
F BG | ET | LT | LV | RO | RU

G EN | ES | FR

H EN | ZH

J JA

Language descriptions as per ISO-639




Wooden fronts, wide and narrow alu frames

Webcode

DQHFJY

Order information


8		Transformer unit housing		
	Colour	Material	Part no.	
	WGR	Nylon	Z10NG120	

For Blum transformer 24 W

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

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		
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


Accessories

–		Distribution cable and cable end protector		
	Colour	Length (m)	Part no.	
	S	8	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		
	Colour	Material	Part no.	
	S	Nylon	Z10V100E.01	

Composed of:

- 6c 1 x Connecting node
- 6d 2 x Cable end protector



Tool-free assembly

–		Cable holder		
	Colour	Material	Part no.	
	W	Nylon	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	IN-G	Inmold brushed stainless steel

Page instructions

Overview – AVENTOS HK top	47	Planning – Blum distance bumper	51	Assembly, removal and adjustment	
Fixing system for thin fronts – EXPANDO T	554	Planning – SERVO-DRIVE switch	51		
Assembly recommendation and limitation of liability – EXPANDO T	555	SERVO-DRIVE uno – market list	682	Short-URL	
		Overview – assembly devices	561		
Accessories – general	70	Reference values for door weights	668		
Planning	50	Machine directive	665		
		More technical details	662		

Lift systems



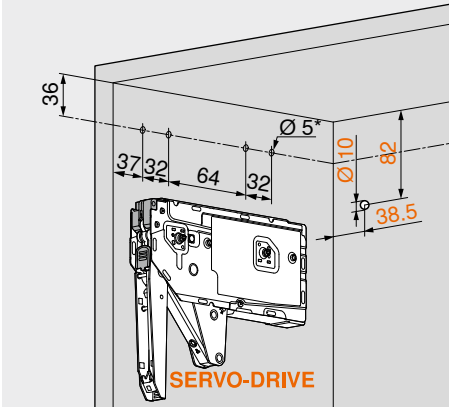
- ▶ AVENTOS HK top – stay lift
- ▶▶ Standard | SERVO-DRIVE

Wooden fronts, wide and narrow alu frames

Webcode
DQHFJY

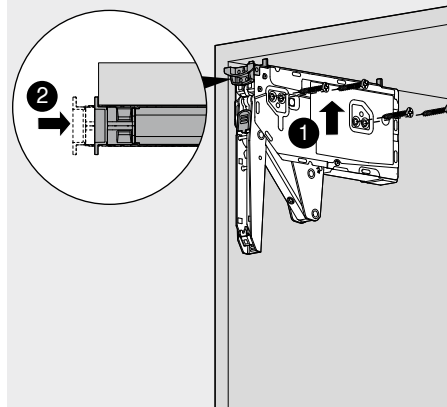
Planning

Drilling position – system screws



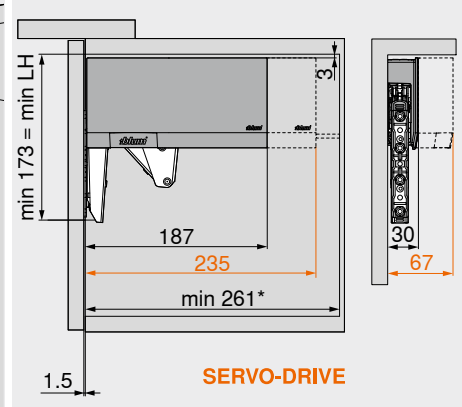
* Drilling depth 11.5 mm

Drilling position – chipboard screws



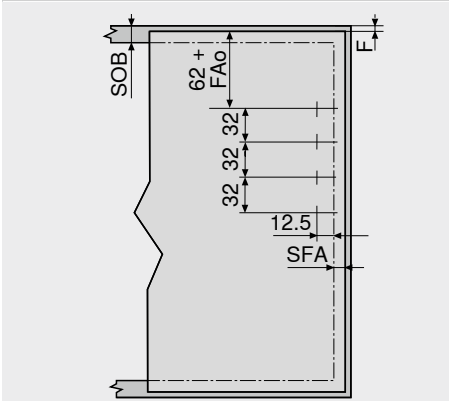
4 x chipboard screws Ø 4 x 35 mm

Space requirement



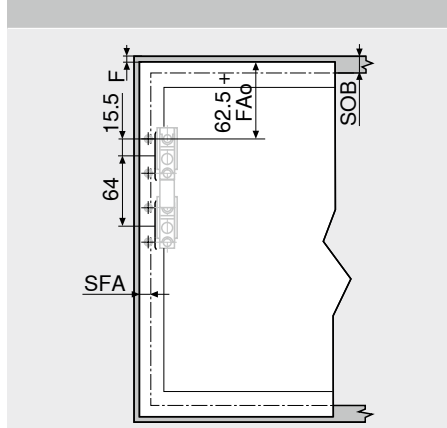
LH Internal cabinet height
* Min. 261 mm with visible wall hanging bracket

Front assembly – wooden fronts and wide alu frames



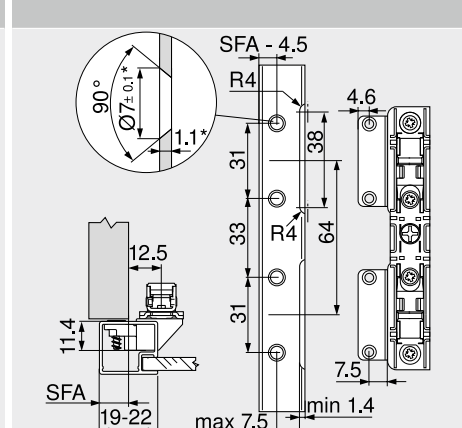
Use 4 chipboard screws (609.1x00) for wooden fronts
Use 4 counter sunk self tapping screws (660.0950) for wide alu frames
SOB Top panel thickness
FAo Upper front overlay
Max. 25.4 mm
SFA Front overlay of the side panel
F Gap

Front assembly – narrow alu frames



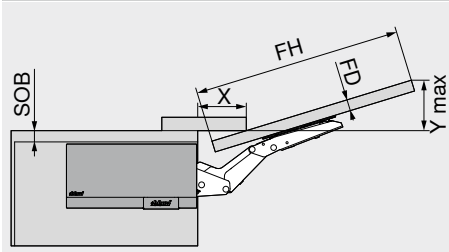
SOB Top panel thickness
FAo Upper front overlay
Max. 25.4 mm
SFA Front overlay of the side panel
F Gap

Narrow alu frames



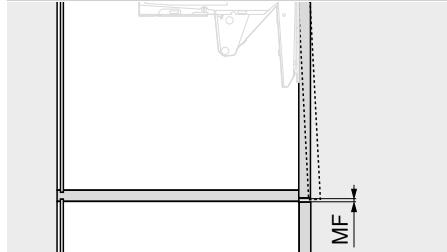
For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

Space requirement – cornice | crown



Space requirement (mm)
At max. opening angle
 $Y = FH \times 0.29 + FD - SOB$
FD (mm) 16 19 22 26 28
X (mm) 68 57 47 33 27
SOB Top panel thickness
FH Front height
FD Front thickness

Minimum gap



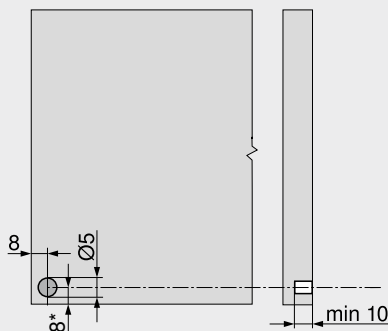
MF Minimum gap 2 mm

Wooden fronts, wide and narrow alu frames

Webcode
 DQHFJY

Planning

Blum distance bumper (SERVO-DRIVE application only)



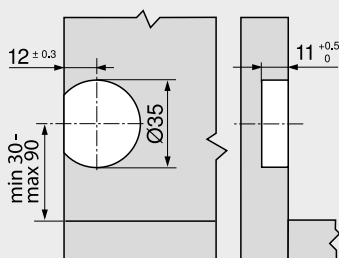
Insert Blum distance bumper (do not glue)
 Do not use bumpers in the upper third

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 bottom edge for fronts that protrude below

SERVO-DRIVE switch



Page instructions

Overview – AVENTOS HK top	47	AVENTOS HK top
Order specification – wooden fronts, wide and narrow alu frames	48	
Overview – assembly devices	561	Short-URL
Machine directive	665	www.blum.com/i014
More technical details	662	



Assembly, removal and adjustment

Short-URL	www.blum.com/a170
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Lift systems



- ▶ AVENTOS HK top – stay lift
- ▶▶ TIP-ON

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

Webcode

DQHS7Y



- 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			
Fixing with pre-mounted system screws			
Power factor LF	Opening angle	Part no.	
420–1610	107°	22K2310T	
930–2800	107°	22K2510T	
1730–5200	100°	22K2710T	
3200–9000	100°	22K2910T	

Composed of:

- 1 2 x Symmetrical lift mechanism with pre-mounted system screws

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 Lift mechanism set for TIP-ON			
Fixing with chipboard screws with positioning system			
Power factor LF	Opening angle	Part no.	
420–1610	107°	22K2300T	
930–2800	107°	22K2500T	
1730–5200	100°	22K2700T	
3200–9000	100°	22K2900T	

Composed of:

- 1 2 x Lift mechanism (symmetrical) incl. positioning system
- 8 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

3 Cover cap set			
Colour	Material	Part no.	
HGR SW TGR	Nylon	22K8000	

Composed of:

- 1 x Cover cap left
- 3b 1 x Cover cap right
- 3c 2 x Branding element, stamped with Blum logo
- IN-G

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
- 6c 1 x Chipboard screw 609.1500
- 1 x Glue-on catch plate

Accessories

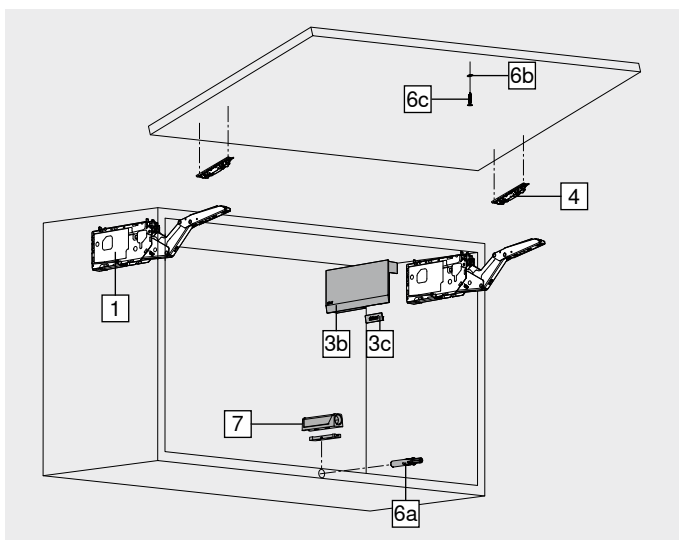
7 Adapter plate			
Version	Colour	Part no.	
Inline adapter plate – short version	SW TS R7036 NI-L	956.1201	
Inline adapter plate – long version	SW TS R7036 NI-L	956A1201	
Cruciform adapter plate – long version	R7036	956A1501	

Colour

- HGR Light grey
- SW Silk white
- TGR Dark grey
- TS Terra black

Colour

- R7036 RAL 7036 platinum grey
- NI-L Nickel lacquered
- IN-G Inmold brushed stainless steel

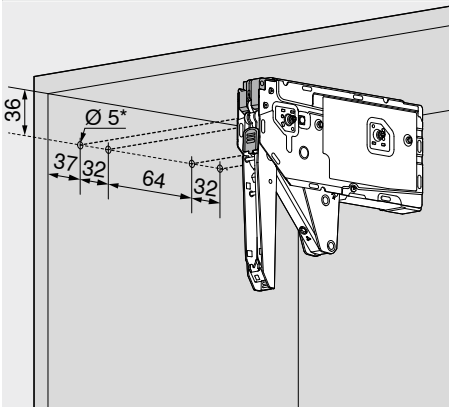


Wooden fronts, wide and narrow alu frames – TIP-ON

Webcode
DQHS7Y

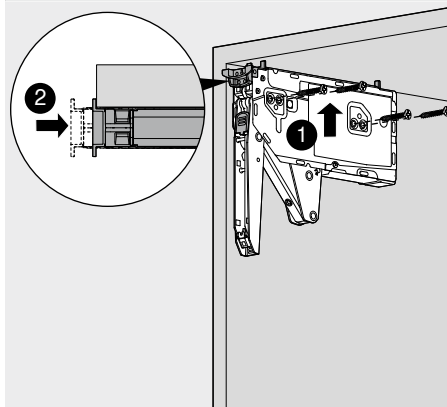
Planning

Drilling position – system screws



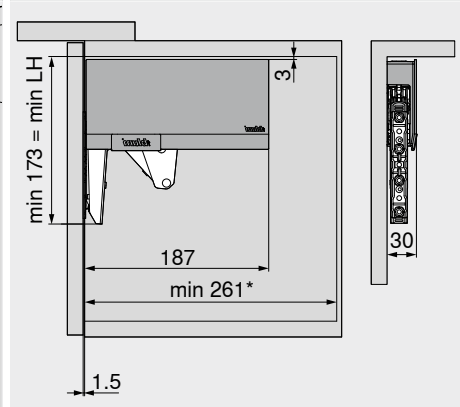
* Drilling depth 11.5 mm

Drilling position – chipboard screws



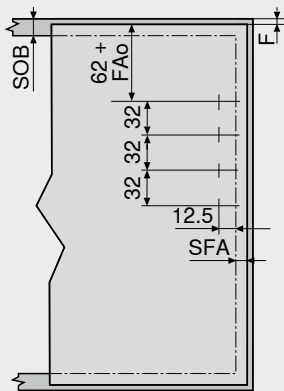
4 x chipboard screws Ø 4 x 35 mm

Space requirement



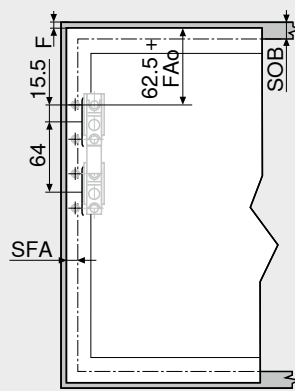
LH Internal cabinet height
* Min. 261 mm with visible wall hanging bracket

Front assembly – wooden fronts and wide alu frames



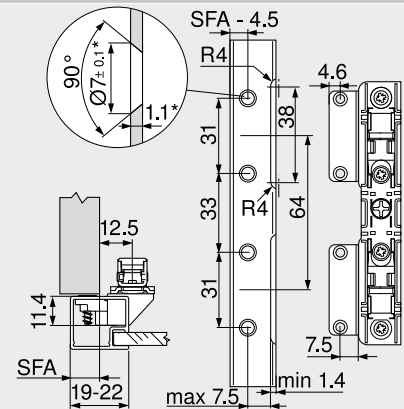
Use 4 chipboard screws (609.1x00) for wooden fronts
Use 4 counter sunk self tapping screws (660.0950) for wide alu frames
SOB Top panel thickness
FAo Upper front overlay
Max. 25.4 mm
SFA Front overlay of the side panel
F Gap

Front assembly – narrow alu frames



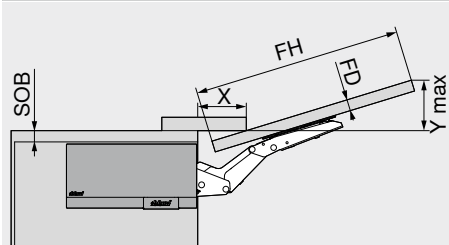
SOB Top panel thickness
FAo Upper front overlay
Max. 25.4 mm
SFA Front overlay of the side panel
F Gap

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

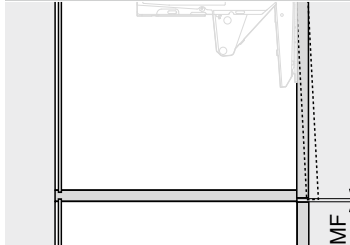
Space requirement – cornice | crown



Space requirement (mm)

At max. opening angle
 $Y = FH \times 0.29 + FD - SOB$
FD (mm) 16 19 22 26 28
X (mm) 68 57 47 33 27
SOB Top panel thickness
FH Front height
FD Front thickness

Minimum gap



MF Minimum gap 2 mm

Page instructions

Overview – AVENTOS HK top	47
TIP-ON 956x	54
Fixing system for thin fronts – EXPANDO T	554
Assembly recommendation and limitation of liability – EXPANDO T	555
Overview – assembly devices	561
More technical details	662

AVENTOS HK top

Short-URL

www.blum.com/i014

Assembly, removal and adjustment

Short-URL

www.blum.com/a170



Lift systems



- ▶ AVENTOS HK top – 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	Material	Part no.
SW TS R7036	Nylon	956.1004

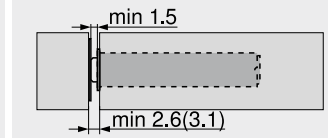
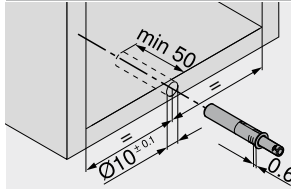
Composed of:

- 1 x TIP-ON 956. – short version with magnet
- 1 x Glue-on catch plate
Not suitable for powder-coated, waxed or oiled surfaces
- 1 x Screw-on catch plate

Colour

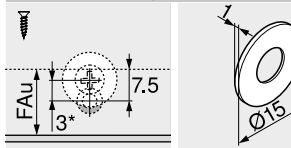
SW	Silk white
TS	Terra black
R7036	RAL 7036 platinum grey

Planning

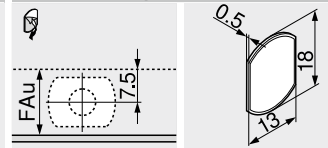


() Screw-on catch plate

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	Material	Part no.
SW TS R7036	Nylon	956A1004

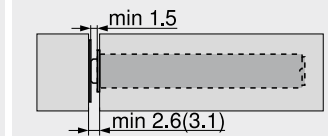
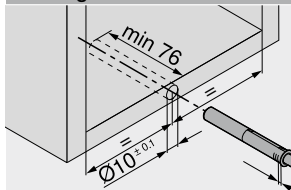
Composed of:

- 1 x TIP-ON 956A – long version with magnet
- 1 x Glue-on catch plate
Not suitable for powder-coated, waxed or oiled surfaces
- 1 x Screw-on catch plate

Colour

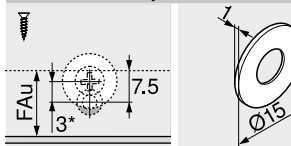
SW	Silk white
TS	Terra black
R7036	RAL 7036 platinum grey

Planning

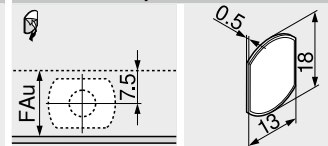


() Screw-on catch plate

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 top	47
Accessories – straight adapter plates	55
Accessories – cruciform adapter plates	55

Assembly, removal and adjustment

Short-URL
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Assembly

Drilling template for BLUMOTION TIP-ON	632
Positioning template for catch plate	652
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580

Inline adapter plate – short version

20/17

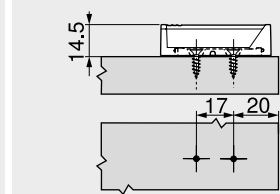
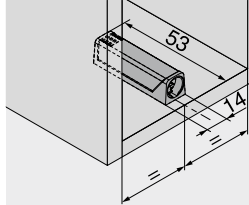


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

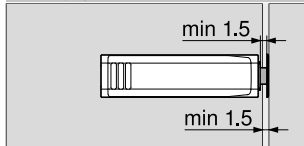
Order information

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

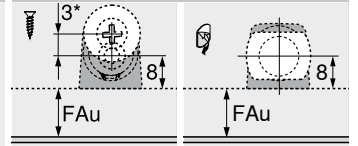
Planning



Front gap



Catch plate



FAu Bottom front overlay
* 3 mm offset installation

Inline adapter plate – long version

20/32

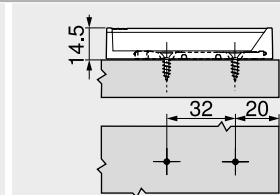
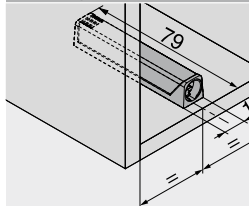


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

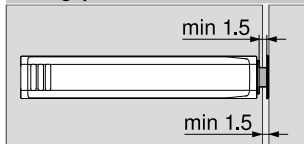
Order information

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

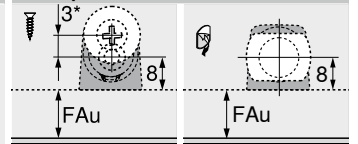
Planning



Front gap



Catch plate



FAu Bottom front overlay
* 3 mm offset installation

Cruciform adapter plate – long version

37/32

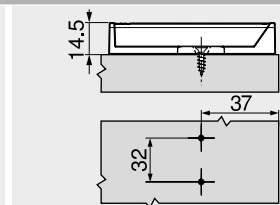
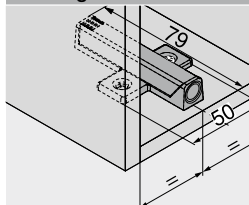


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

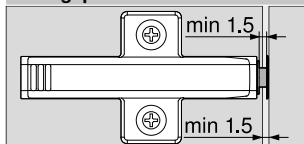
Order information

Colour	Material	Part no.
R7036	Nylon	956A1501
R7036	RAL 7036 platinum grey	

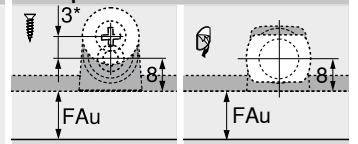
Planning



Front gap



Catch plate



FAu Bottom front overlay
* 3 mm offset installation

Page instructions

Overview – AVENTOS HK top

47

Assembly, removal and adjustment



Assembly

Template	630
Drilling template for mounting plates	631
Positioning template for catch plate	652
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580
MINIPRESS P	592

MINIPRESS M

596

Short-URL

www.blum.com/a170

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

BLUMOTION

by Blum

TIP-ON

by Blum

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**

 Symbolic image	Wooden fronts, wide and narrow alu frames		
 Symbolic image	TIP-ON 956. – short version with magnet		

DQDD6M 58

60


▶▶ **Accessories**

 Symbolic image	Opening angle stop	58	Cross slot bit	71
	Adapter plates	61		
	Screws	70		
	Centre bit	70		
	Door buffer	70		
	Screwdriver	71		

▶▶ **Assembly, removal and adjustment**

 Symbolic image	Assembly, removal and adjustment	
	Short-URL www.blum.com/a150	

Pictograph

 Item Available Upon Request		
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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	<input type="checkbox"/>	Lift mechanism set			
		Power factor LF	Opening angle		Part no.
		220–500	107°	1	20K2B00.06
		400–1000	107°		20K2C00.06
		960–2215	107°		20K2E00.06

Composed of:

1a	2 x	Lift mechanism (symmetrical)
1b	2 x	Cover cap left/right HGR SW TGR
1c	2 x	Branding element, stamped with Blum logo IN-G
–	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	<input checked="" type="checkbox"/>	Lift mechanism set for TIP-ON			
		Power factor LF	Opening angle		Part no.
		220–500	107°	1	20K2B00T06
		400–1000	107°		20K2C00T06
		960–2215	107°		20K2E00T06

Composed of:

1a	2 x	Lift mechanism (symmetrical)
1b	2 x	Cover cap left/right HGR SW TGR
1c	2 x	Branding element, stamped with Blum logo IN-G
–	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	<input type="checkbox"/>	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

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	<input checked="" type="checkbox"/>	Front fixing bracket set			
		Version			Part no.
		Narrow alu frames	1 x		20K4A00A02

6	<input checked="" type="checkbox"/>	TIP-ON set			
		Version	Cabinet height KH (mm)		Part no.
		Short version	Up to 600		956.1004

Composed of:

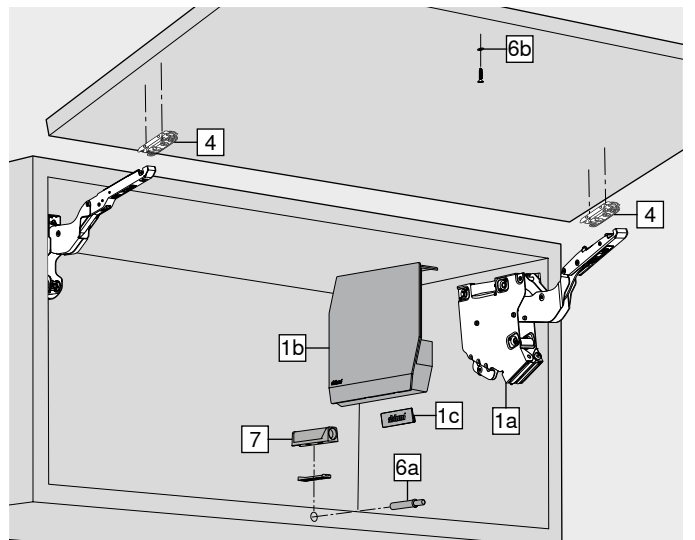
6a	1 x	TIP-ON
6b	1 x	Screw-on catch plate
–	1 x	Chipboard screw 609.1500
–	1 x	Glue-on catch plate

Accessories

–	<input type="checkbox"/>	Opening angle stop			
		Opening angle	Colour		Part no.
		100°	TGR		20K7A41
		75°	R7037		20K7A11

7	<input checked="" type="checkbox"/>	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	IN-G	Inmold brushed stainless steel

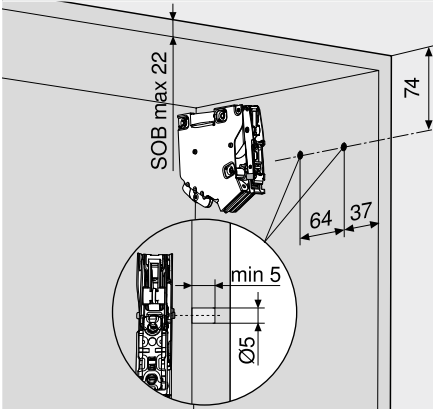


Wooden fronts, wide and narrow alu frames

Webcode
DQDD6M

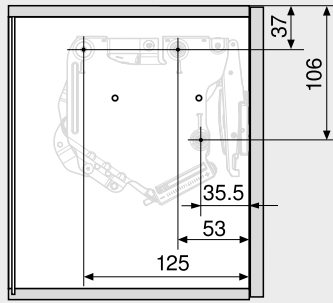
Planning

Peg position



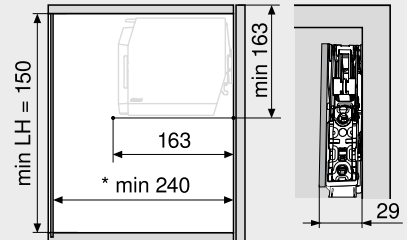
SOB Top panel thickness

Fixing position



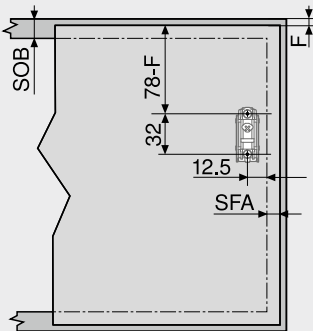
3 x chipboard screws Ø 4 x 35 mm

Space requirement



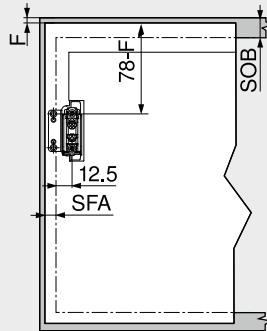
LH Internal cabinet height
* Min. 240 mm with visible wall hanging bracket

Front assembly – wooden fronts and wide alu frames



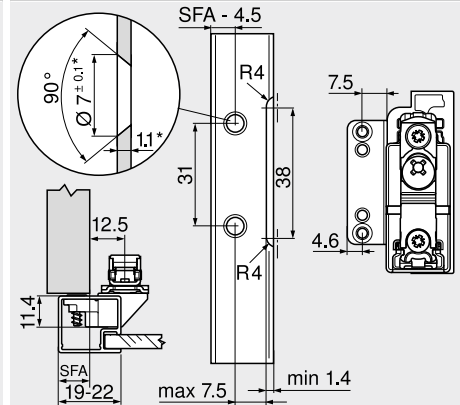
Use 2 chipboard screws (609.1x00) for wooden fronts
Use 2 counter sunk self tapping screws (660.0950) for wide alu frames
SOB Top panel thickness
SFA Front overlay of the side panel
F Gap

Front assembly – narrow alu frames



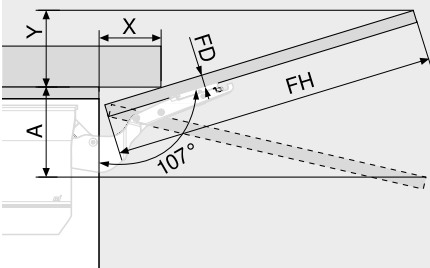
SOB Top panel thickness
SFA Front overlay of the side panel
F Gap

Narrow alu frames



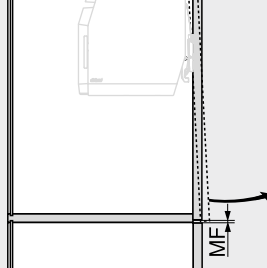
For frame width 19 mm, a side front overlay SFA of 11–18 mm is possible
* When changing material thickness, adjust the assembly dimensions accordingly

Space requirement – cornice | crown



Opening angle stop		Space requirement (mm)			
Without		$Y = FH \times 0.29 - 15 + FD$			
100°		$Y = FH \times 0.17 - 15 + FD$			
75°		$A = FH \times 0.26 + 15 - FD$			
FD (mm)	16	19	22	26	-
X (mm)	70	59	49	35	-
FH Front height					
FD Front thickness					

Minimum gap



MF Minimum gap 2 mm

Page instructions

Overview – AVENTOS HK-S	57
Overview – assembly devices	561
More technical details	662

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	Material	Part no.
SW TS R7036	Nylon	956.1004

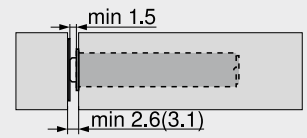
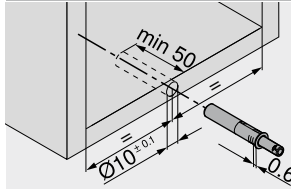
Composed of:

- 1 x TIP-ON 956. – short version with magnet
- 1 x Glue-on catch plate
- Not suitable for powder-coated, waxed or oiled surfaces
- 1 x Screw-on catch plate

Colour

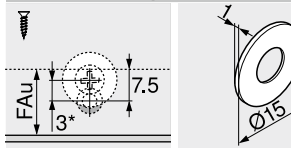
- SW Silk white
- TS Terra black
- R7036 RAL 7036 platinum grey

Planning

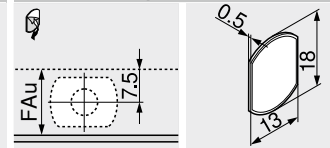


() Screw-on catch plate

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	57
Accessories – straight adapter plates	61
Accessories – cruciform adapter plates	61

Assembly, removal and adjustment

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Assembly

Drilling template for BLUMOTION TIP-ON	632
Positioning template for catch plate	652
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580

Inline adapter plate – short version

20/17

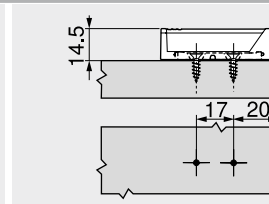
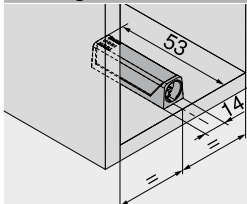


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

Order information

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

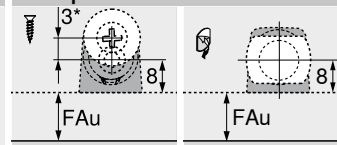
Planning



Front gap



Catch plate



FAu Bottom front overlay
* 3 mm offset installation

Cruciform adapter plate – long version

37/32

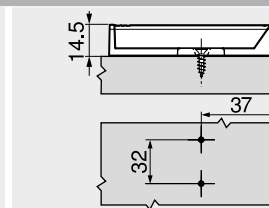
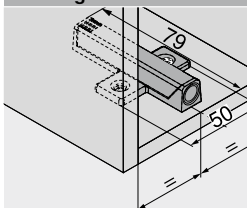


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

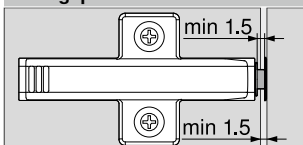
Order information

Colour	Material	Part no.
R7036	Nylon	956A1501
R7036	RAL 7036 platinum grey	

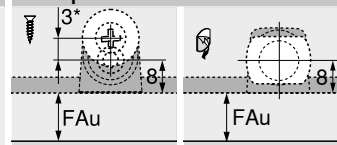
Planning



Front gap



Catch plate



FAu Bottom front overlay
* 3 mm offset installation

Page instructions

Overview – AVENTOS HK-S

57

Assembly, removal and adjustment



Assembly

Template	630
Drilling template for mounting plates	631
Positioning template for catch plate	652
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580
MINIPRESS P	592

MINIPRESS M

596

Short-URL

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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**

 Symbolic image	Wooden fronts, wide and narrow alu frames		
			DQDDVY 64
 Symbolic image	TIP-ON 956. – short version with magnet		68


▶▶ **Accessories**

 Symbolic image	Opening angle stop	65	Cross slot bit	71
	Adapter plates	69		
	Screws	70		
	Centre bit	70		
	Door buffer	70		
	Screwdriver	71		

▶▶ **Assembly, removal and adjustment**

 Symbolic image	Assembly, removal and adjustment	
	Short-URL www.blum.com/a160	

Pictograph

 Item Available Upon Request		
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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
- With a special drilling position, an internal cabinet depth LT of 100 mm is possible
- 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	<input type="checkbox"/>	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	<input checked="" type="checkbox"/>	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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cabinet fixing		
			Fixing method		Part no.
			Screw-on		20K5101
			EXPANDO		20K51E1

4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	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 fronts² Use 2 counter sunk self tapping screws (660.0950) for wide alu frames

6	<input checked="" type="checkbox"/>	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	<input type="checkbox"/>	CLIP top BLUMOTION 110° hinge			
		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 | thick door, 95°-aluminium frame door hinge or CLIP top hinges: 107°, profile | thick door, 95° aluminium frame door hinge in combination with BLUMOTION 973A – for clip on and | or CLIP hinges: 100°

10	<input checked="" type="checkbox"/>	CLIP top 110° hinge			
		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

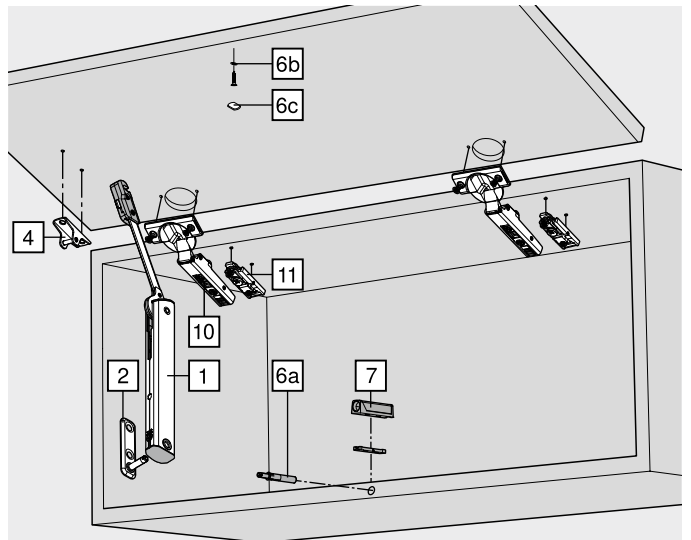
4 hinges with cabinet width KB 1200 mm and/or starting at power factor LF 2700

Alternative

CLIP top hinges: 107° hinge, profile | thick door hinge, 95° aluminium frame door hinge or CLIP 100° (hinge, unsprung)

11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mounting plate		
			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

Accessories

Opening angle stop			
Opening angle	Colour	Part no.	
86°	TGR	70T3553	

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

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	63	Assembly, removal and adjustment
Mounting plates	156	
Planning	66	
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Lift systems



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

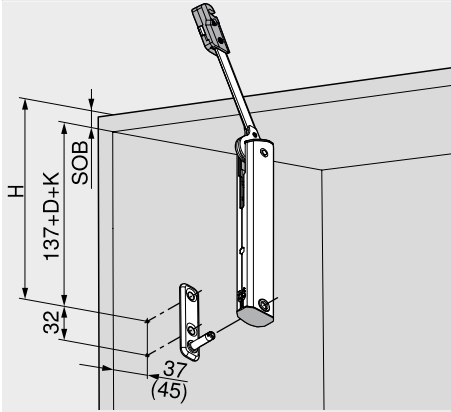
Wooden fronts, wide and narrow alu frames

Webcode

DQDDVY

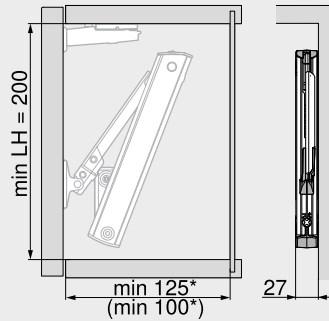
Planning

Drilling position

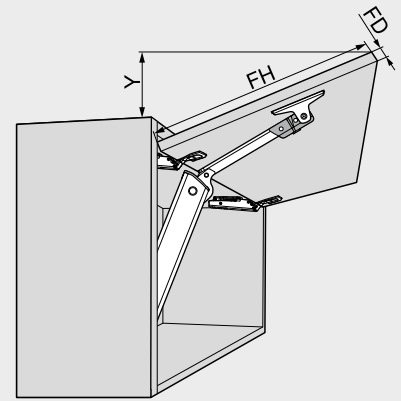


H = 137 + D + K + SOB
 D Mounting plate spacing
 K Cranking of hinge arm
 Straight hinge arm – 0 mm
 Cranked hinge arm – 9.5 mm
 Double cranked arm – 18 mm
 SOB Top panel thickness
 () Internal cabinet depth 100 mm

Space requirement



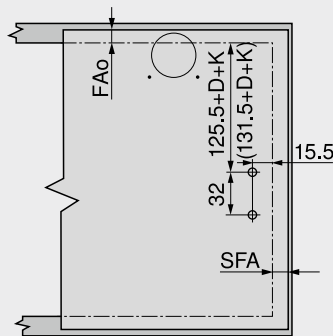
LH Internal cabinet height
 * Min. 200 mm with visible wall hanging bracket
 () Internal cabinet depth 100 mm



CLIP top BLUMOTION 110° hinge

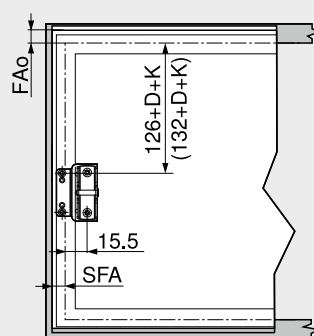
Front thickness FD (mm)	16	19	22	24
X (mm)	45	34	23	15
Y = (FH - X) x 0.3				
FH Front height				

Front assembly – wooden fronts and wide alu frames



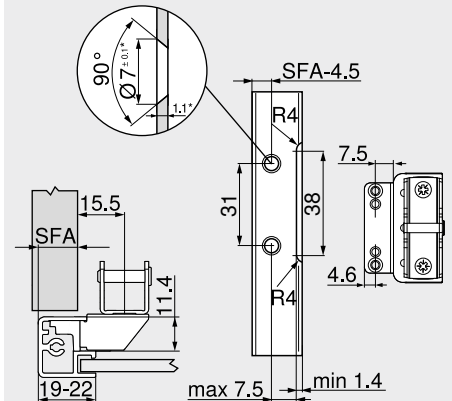
Use 2 chipboard screws (609.1x00) for wooden fronts
 Use 2 counter sunk self tapping screws (660.0950) for wide alu frames
 FAo Upper front overlay
 SFA Front overlay of the side panel
 D Mounting plate spacing
 K Cranking of hinge arm
 Straight hinge arm – 0 mm
 Cranked hinge arm – 9.5 mm
 Double cranked arm – 18 mm
 () Internal cabinet depth 100 mm

Front assembly – narrow alu frames



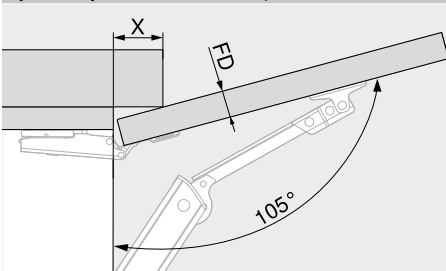
FAo Upper front overlay
 SFA Front overlay of the side panel
 D Mounting plate spacing
 K Cranking of hinge arm
 Straight hinge arm – 0 mm
 Cranked hinge arm – 9.5 mm
 Double cranked arm – 18 mm
 () Internal cabinet depth 100 mm

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

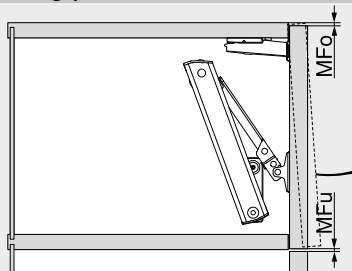
Space requirement – cornice | crown



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

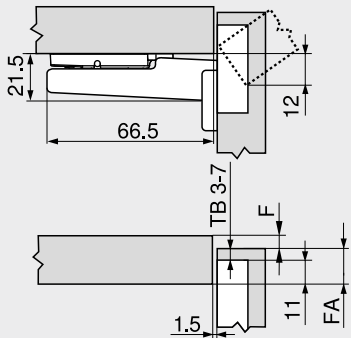
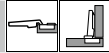
Planning

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

Drilling distance TB

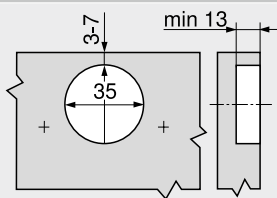
Front overlay FA (mm)	
MD	5 6 7 8 9 10 11 12 13 14 15 16 17 18
0	
3	
6	
9	
MD	Mounting plate spacing (mm)

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

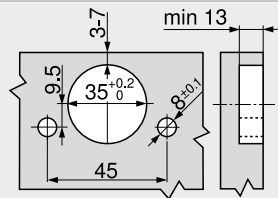
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	21	22	23	24	25	26	28	30
3	0.5	0.8	1.0	1.2	1.5	1.8	2.2	2.7	3.5	4.3	Δ	Δ
4	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.5	3.1	3.8	Δ	Δ
5	0.5	0.8	0.9	1.2	1.4	1.7	2.0	2.4	2.9	3.4	Δ	Δ
6	0.5	0.8	0.9	1.2	1.3	1.6	1.9	2.3	2.7	3.2	Δ	Δ
7	0.5	0.8	0.9	1.1	1.3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

Δ In these cases a trial is recommended

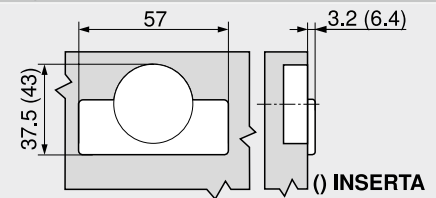
Screw-on



INSERTA | knock-in



Hinge boss dimensions



Page instructions

Overview – AVENTOS HK-XS
Overview – assembly devices
More technical details

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Lift systems



- ▶ AVENTOS HK-XS – stay lift
- ▶▶ TIP-ON

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	Material	Part no.
SW TS R7036	Nylon	956.1004

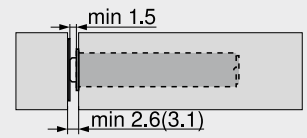
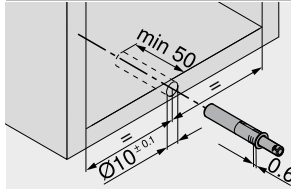
Composed of:

1 x	TIP-ON 956. – short version with magnet
1 x	Screw-on catch plate
1 x	Glue-on catch plate
Not suitable for powder-coated, waxed or oiled surfaces	

Colour

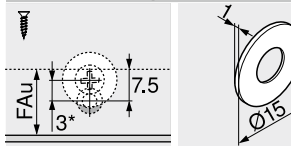
SW	Silk white
TS	Terra black
R7036	RAL 7036 platinum grey

Planning

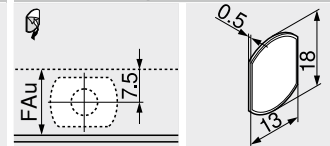


() Screw-on catch plate

Screw-on catch plate

FAU Bottom front overlay
* 3 mm offset installation

Glue-on catch plate



FAU Bottom front overlay

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Assembly, removal and adjustment

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Assembly

Drilling template for BLUMOTION TIP-ON	632
Positioning template for catch plate	652
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580

Inline adapter plate – short version

20/17

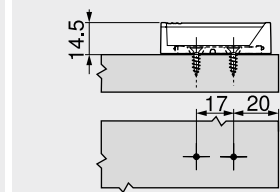
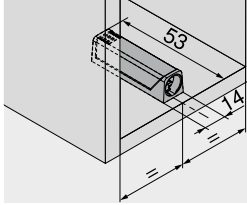


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

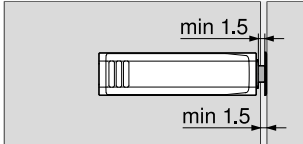
Order information

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

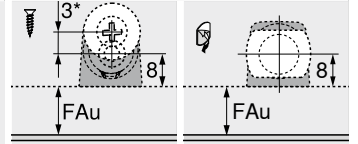
Planning



Front gap



Catch plate



FAu Bottom front overlay
* 3 mm offset installation

Cruciform adapter plate – long version

37/32

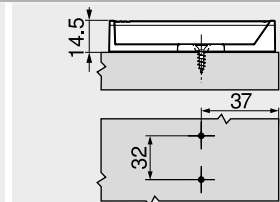
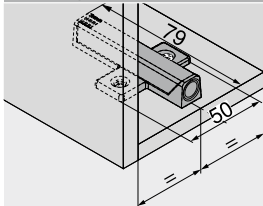


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

Order information

Colour	Material	Part no.
R7036	Nylon	956A1501
R7036	RAL 7036 platinum grey	

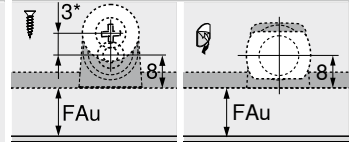
Planning



Front gap



Catch plate



FAu Bottom front overlay
* 3 mm offset installation

Page instructions

Overview – AVENTOS HK-XS

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Assembly, removal and adjustment



Assembly

Template	630
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MINIPRESS top with EASYSTICK	576
MINIPRESS top	580
MINIPRESS P	592

MINIPRESS M

596

Short-URL

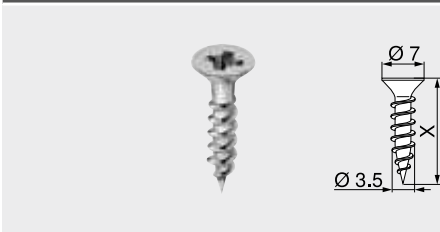
www.blum.com/a160

Lift systems

Accessories

Chipboard screws

Ø 3.5 mm



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

Order information

X (mm)	Part no.
15.0	609.1500
17.0	609.1700

Chipboard screws

Ø 4.0 mm



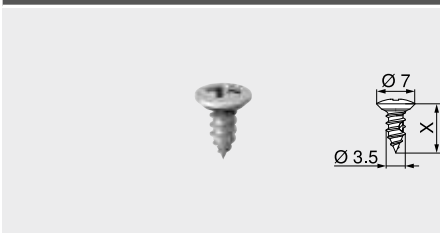
- For fixing lift mechanisms
- Ø 4 mm
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
35	664.3500

Counter sunk self tapping screws

Ø 3.5 mm



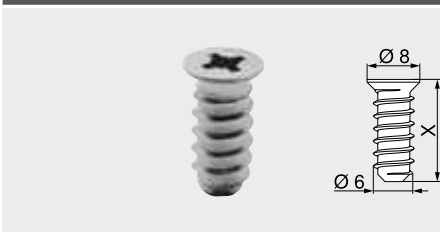
- For front fixing brackets on wide alu frames
- Ø 3.5 mm
- Drilling diameter Ø 2.6 mm
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
9.5	660.0950

System screws

Ø 6.0 mm



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

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

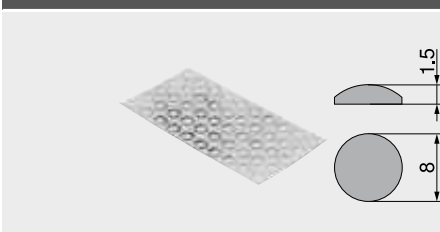


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer

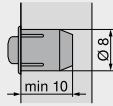


- For noise reduction
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Stick-on door buffer	993.710

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

Order information

Description	Part no.
8 mm Ø door buffer	993.706

TORX screwdriver



- TORX size 20 (T20)
- Orange handle with Blum logo
- Colour: black/orange
- Material: nylon/steel

Order information

Total length (mm)	Blade length (mm)	Part no.
100	35	623.882.2
210	100	209.093.7

Pozidrive screwdriver



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

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
- Colour: black/orange
- Material: nylon/steel

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
- Colour: RAL 7037 dust grey
- Material: nylon

Order information

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



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
- TIP-ON for handle-less doors – for use with unsprung 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 an 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	74	▶▶ Accessories	164
	▶▶ Overview	75		
	▶▶ Overview – hinges	76		
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▶ **BLUMOTION for doors**

 Symbolic image	▶ BLUMOTION for doors	170		
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▶ **TIP-ON for doors**

 Symbolic image	▶ TIP-ON for doors	184		
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	▶▶ Accessories	187		

▶ **MODUL – hinges**

 Symbolic image	▶ MODUL – hinges	188		
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	▶▶ Mounting plates	196		
	▶▶ Accessories	199		

CLIP top BLUMOTION – innovative technology within the smallest space



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, e.g. available for zero protrusion, glass doors and blind corner applications
- 110° hinge for thin doors with a front thickness of 8–14 mm



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

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	▶ TIP-ON for doors	184	
	▶ MODUL – hinges	188	
▶▶ Overview			
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▶▶ Accessories			
	Hinge arm cover cap	164	Screwdriver 166
	Hinge boss cover cap	166	
	Hinge boss spacing	166	
	Screws	166	
	Centre bit	166	
	Door buffer	166	
▶▶ Assembly, removal and adjustment			
	Assembly, removal and adjustment		
	Short-URL www.blum.com/a210		

Pictograph

	Item Available Upon Request		Corner cabinet with bi-fold door		Hinge with double cranked hinge arm
	All 4 edges		Angled application inset		EXPANDO T
	Side		Angled application half overlay		INSERTA boss
	Overlay application		Angled application overlay		Screw-on boss
	Dual application		Angled application max. overlay		Knock-in boss
	Inset application		Angled application mitred		Knock-in boss – assembly with insertion ram only
	Special application		Hinge with straight hinge arm		CRISTALLO adhesion plate
	Blind corner application		Hinge with cranked hinge arm		Min. chipboard screw length

Hinge systems

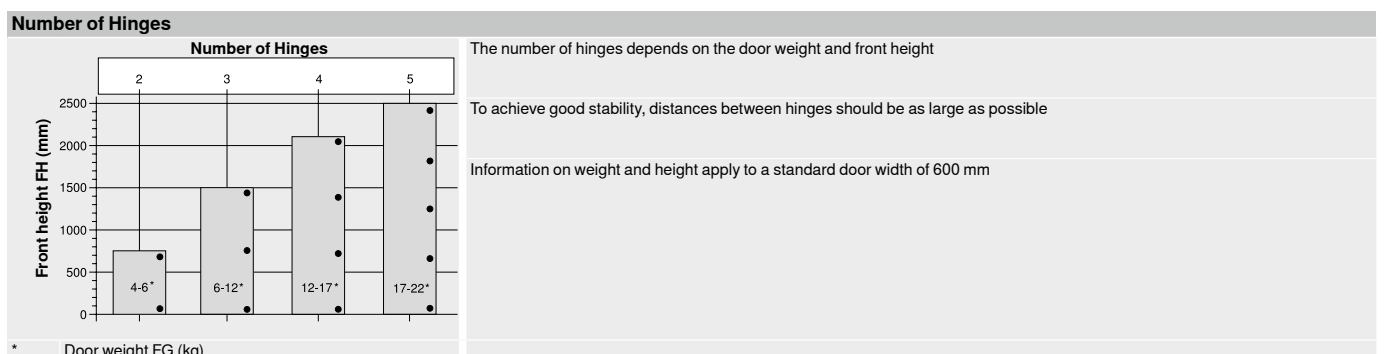


- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Overview – hinges

Hinge systems

Hinge applications	OW	CLIP top BLUMOTION	CLIP top	Colour	Application	Boss Fixing	Web-code	Page
▶▶ Standard application								
110° hinge	110°	●	● ○	NI ONS			DQDELA	78
110° special hinge	110°	●	● ○	NI ONS			DQDFAM	80
107° hinge	107°	●	● ○	NI ONS			DQDFZY	82
CLIP 100° hinge	100°		● ○	NI			DQDGPA	84
▶▶ Wide angled application								
155° hinge	155°	●	● ○	NI ONS			DQDHEM	86
170° hinge	170°		● ○	NI			DQDI3Y	90
▶▶ Profile door application								
Profile/thick door hinge	95°	●	● ○	NI ONS			DQDITA	92
125° hinge	125°	●		NI			DQDJIM	94
▶▶ Blind corner application								
Blind corner hinge inset application	95° 83°	●	○	NI ONS			DQDK7Y	98
Blind corner hinge overlay application	95°	●		NI			DQDKXA	100
▶▶ Aluminium frame application								
CLIP top BLUMOTION 95° aluminium frame door hinge	95°	●		NI			DQDLMM	102
95° aluminium frame door hinge	95°		● ○	NI ONS			DQDMBY	104
▶▶ Thin door application								
Hinge for thin doors	110°	●	● ○	NI ONS			DQGT1A	106
▶▶ Glass door application								
CRISTALLO hinge	110°	●	● ○	NI ONS			DQDN1A	108
CRISTALLO hinge – glass display cabinets	110°	●	● ○	NI			DQDNQM	110
Bathroom mirror cabinets with fronts that protrude all the way around	95°	●	○	NI				112
Glass door hinge	94°		●	NI			DQDP5A	114
▶▶ Frame door application								
Mini-hinge	94°		●	NI			DQDPUM	116
▶▶ Corner cabinet solution								
Corner cabinet bi-fold hinge	60°		●	NI			DQDQJY	118
▶▶ Angled application – standard								
+45° I – angled hinge half overlay	95°	●	○	NI ONS			DQDR9A	122
+45° II – angled hinge overlay	110°	●	○	NI ONS			DQDRYM	124
+45° III – angled hinge full overlay	95°	●	○	NI			DQDSNY	126
+30° II – angled hinge overlay	95°	●	○	NI ONS			DQDTDA	128
+30° III – angled hinge full overlay	95°	●	○	NI			DQDU2M	130
+20° II – angled hinge overlay	95°	●	○	NI			DQDURY	132
+15° III – angled hinge full overlay	95°	●	○	NI ONS			DQDVHA	134
±5° angled application	95°	●	● ○	NI			DQDW6M	136
–15° III – angled hinge full overlay	110°	●	○	NI			DQDWVY	138
OW	Opening angle		●	With spring		○	Unsprung	
ONS	Onyx black					NI	Nickel plated	

Hinge applications	OW	CLIP top BLUMOTION	CLIP top	Colour	Application	Boss Fixing	Web-code	Page
▶▶ Angled application – standard								
-30° III – angled hinge full overlay	110°	●	○	NI			DQDXLA	140
-45° III – angled hinge full overlay	110°	●	○	NI			DQDYAM	142
▶▶ Angled application – thin doors								
Hinge for thin doors – angled application	110°	●	● ○	NI				144
▶▶ Angled application – glass door								
CRISTALLO angled application	110°	●	● ○	NI				146
+45° angled hinge for glass doors	94°		●	NI				148
±5° angled application for glass doors	94°		●	NI				150
▶▶ Angled application – frame door								
+45° angled hinge with mini boss	94°		●	NI				152
±5° angled application with mini boss	94°		●	NI				154
OW	Opening angle	●	With spring		○	Unsprung	NI	Nickel plated
ONS	Onyx black							
▶▶ Overview – angled applications								
Angled application N° 1–117								120
▶▶ Mounting plates								
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Angled spacers								162



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Standard application

Hinge systems

110° hinge

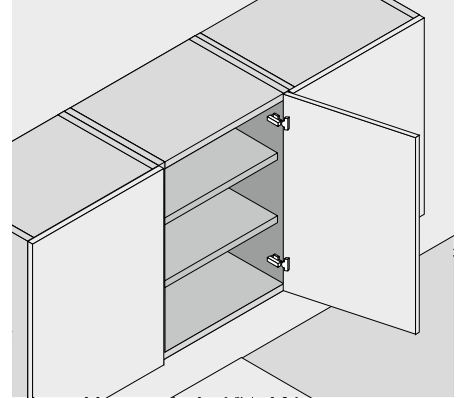


- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge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

Webcode

DQDELA

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	

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	

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	71B3550	
CLIP top	●	NI	71T3550	
CLIP top	○	NI	70T3550.TL	

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI ONS	71B3650	
CLIP top	●	NI	71T3650	
CLIP top	○	NI	70T3650.TL	

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 ONS	71B3580	
CLIP top	●	NI	71T3580	

Boss		Knock-in		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	71B3680	
CLIP top	●	NI	71T3680	

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	70.1503
Stamped	Blum	NI ONS	70.1503.BP

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

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		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

110° hinge

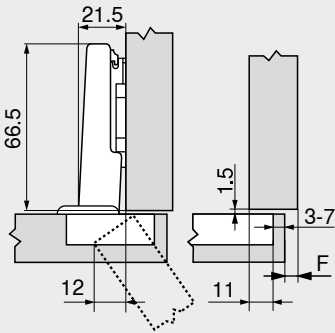
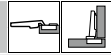
Webcode
DQDELA

Planning

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

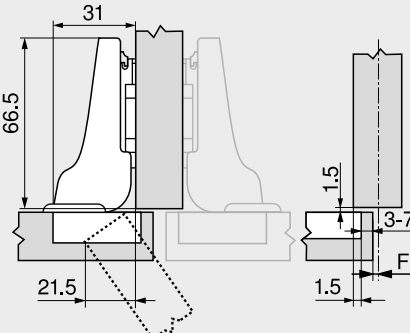
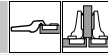
Hinge and front protrusion at full opening angle

Overlay application

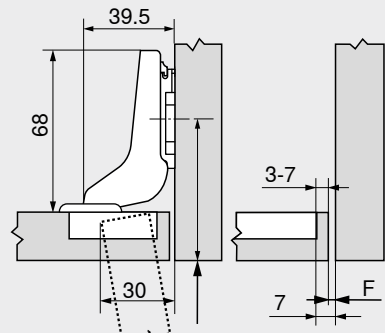
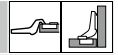


F Gap

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													

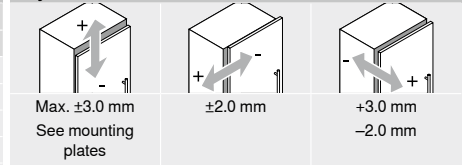
MD Mounting plate spacing (mm)

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

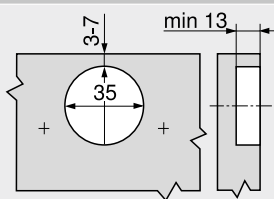
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	21	22	23	24	25	26	28	30
3	0.5	0.8	1.0	1.2	1.5	1.8	2.2	2.7	3.5	4.3	Δ	Δ
4	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.5	3.1	3.8	Δ	Δ
5	0.5	0.8	0.9	1.2	1.4	1.7	2.0	2.4	2.9	3.4	Δ	Δ
6	0.5	0.8	0.9	1.2	1.3	1.6	1.9	2.3	2.7	3.2	Δ	Δ
7	0.5	0.8	0.9	1.1	1.3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

Δ In these cases a trial is recommended

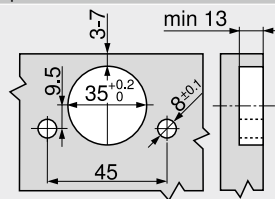
Adjustment



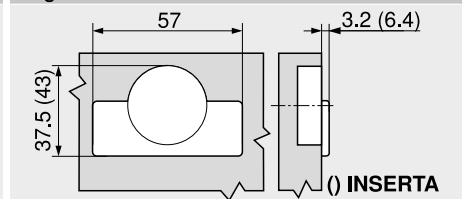
Screw-on



INSERTA | knock-in



Hinge boss dimensions



Page instructions

Overview – CLIP top BLUMOTION CLIP top – hinges	75
Mounting plates	156
Accessories – hinge arm cover cap	164
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Overview – TIP-ON for doors	185
Overview – assembly devices	561
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Assembly, removal and adjustment

Short-URL
www.blum.com/a210

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Standard application

Hinge systems

110° special hinge

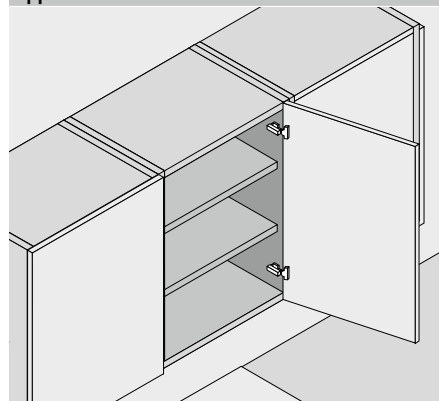
Webcode

DQDFAM



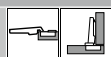
- Hinge with **larger overlay capacity** for thick cabinet sides
- **CLIP top BLUMOTION** with integrated BLUMOTION (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free 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	NI	Nickel plated	
○	Unsprung	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	

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.

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				
Colour	Material	Part no.		
Orange	Nylon	MZM.0040		

110° special hinge

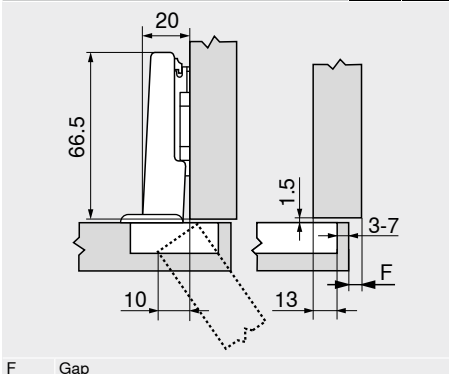
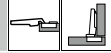
Webcode
DQDFAM

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									

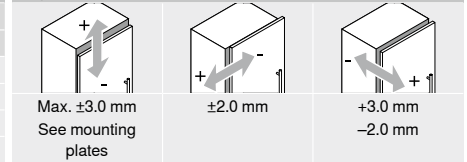
MD Mounting plate spacing (mm)

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

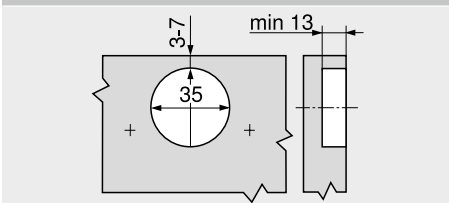
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	21	22	23	24	25	26	28	30
3	0.5	0.8	1.0	1.2	1.5	1.8	2.2	2.7	3.5	4.3	Δ	Δ
4	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.5	3.1	3.8	Δ	Δ
5	0.5	0.8	0.9	1.2	1.4	1.7	2.0	2.4	2.9	3.4	Δ	Δ
6	0.5	0.8	0.9	1.2	1.3	1.6	1.9	2.3	2.7	3.2	Δ	Δ
7	0.5	0.8	0.9	1.1	1.3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

Δ In these cases a trial is recommended

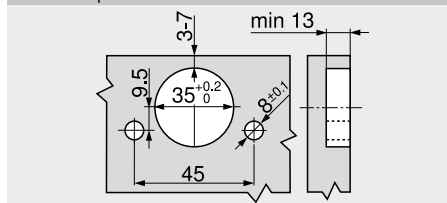
Adjustment



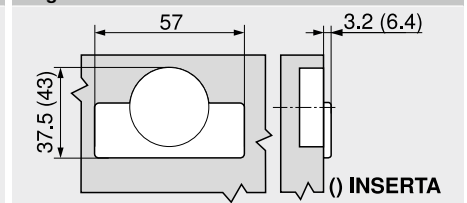
Screw-on



INSERTA | knock-in



Hinge boss dimensions



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Assembly, removal and adjustment

Short-URL
www.blum.com/a210

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Standard application

Hinge systems

107° hinge

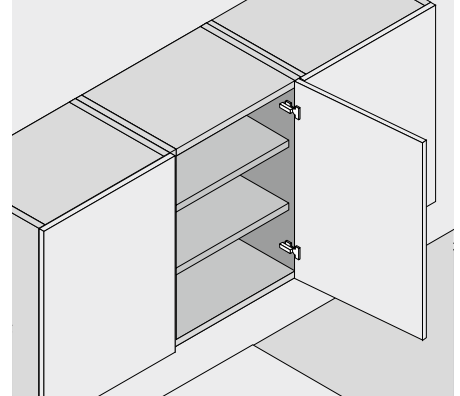


- For front thicknesses starting from 15 mm
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- 107° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly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

Webcode

DQDFZY

Application



Order information

Overlay application

Boss		INSERTA		
Hinge	Spring	Colour	Part no.	
CLIP top	●	NI	75T1590B	
CLIP top	○	NI	74T1590BTL	
● With spring		NI Nickel plated		
○ Unsprung		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	

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	●	NI	75T1690B	
CLIP top	○	NI	74T1690BTL	
● With spring		NI Nickel plated		
○ Unsprung		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	

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	●	NI	75T1790B	
CLIP top	○	NI	74T1790BTL	
● With spring		NI Nickel plated		
○ Unsprung		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	

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	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		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

107° hinge

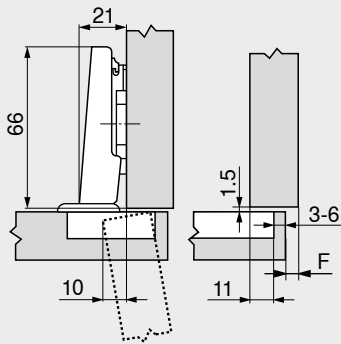
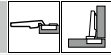
Webcode
DQDFZY

Planning

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

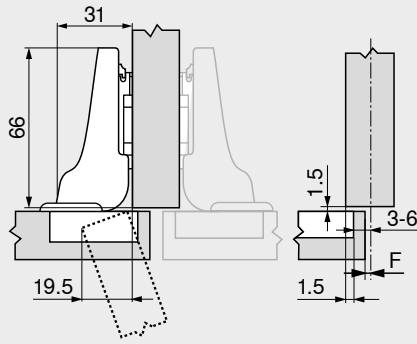
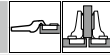
Hinge and front protrusion at full opening angle

Overlay application

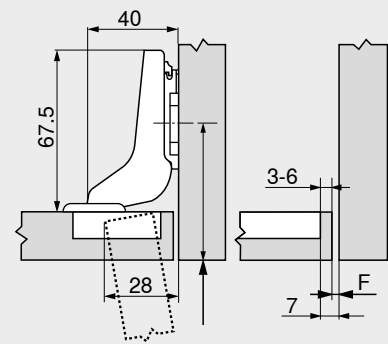
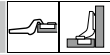


F Gap

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				3	4	5	6
6							
9							

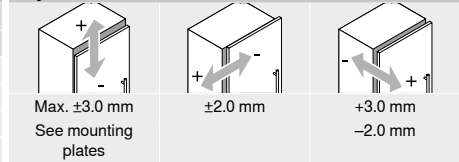
MD Mounting plate spacing (mm)

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

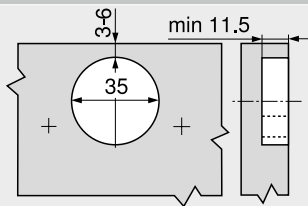
Drilling distance TB (mm)	Front thickness FD (mm)											
	15	16	18	19	20	21	22	24	26	28	30	32
3	0.4	0.5	1.0	1.3	1.6	2.1	2.7	4.3	Δ	Δ	Δ	Δ
4	0.4	0.5	0.9	1.2	1.5	2.0	2.5	3.9	Δ	Δ	Δ	Δ
5	0.3	0.5	0.9	1.2	1.4	1.8	2.3	3.6	Δ	Δ	Δ	Δ
6	0.3	0.5	0.8	1.1	1.4	1.7	2.2	3.3	Δ	Δ	Δ	Δ
Additional for +2 mm side adjustment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

Δ In these cases a trial is recommended

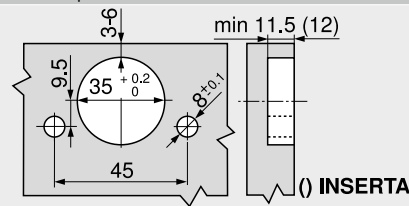
Adjustment



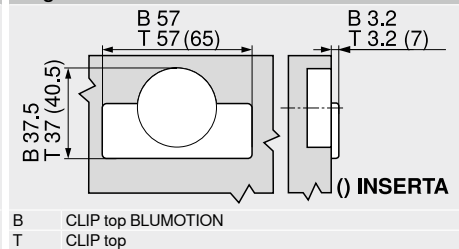
Screw-on



INSERTA | knock-in



Hinge boss dimensions



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Assembly, removal and adjustment

Short-URL
www.blum.com/a210



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Standard application

Hinge systems

CLIP 100° hinge

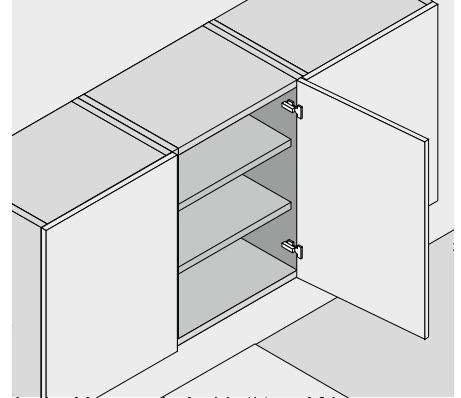


- CLIP with or without closing mechanism (spring)
- 100° opening angle
- 3-dimensional front adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly

Webcode

DQDGA

Application



Order information

Overlay application

Boss		INSERTA	
Hinge	Spring	Colour	Part no.
CLIP	●	NI	71M2590B
●	With spring		
○	Unsprung		
○	NI	Nickel plated	

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

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		
○	Unsprung		
○	NI	Nickel plated	

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

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		
○	Unsprung		
○	NI	Nickel plated	

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

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

Accessories – general

TIP-ON for doors		
Version	Spring	Part no.
Short version	○	956.1004
Extended version	○	956A1004
Extended version	●	956A1006
●	With spring	
○	Unsprung	

Insertion ram		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

Chipboard screws		
Ø (mm)	Length (mm)	Part no.
3.5	15	609.1500
3.5	17	609.1700

CLIP 100° hinge

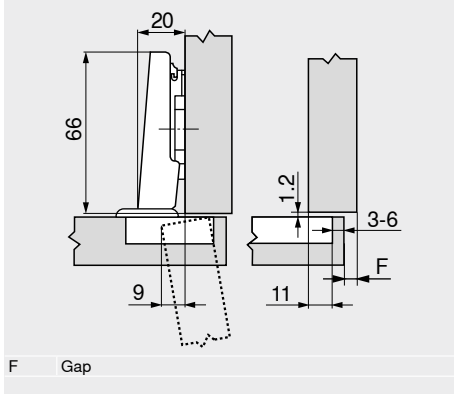
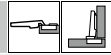
Webcode
DQDGA

Planning

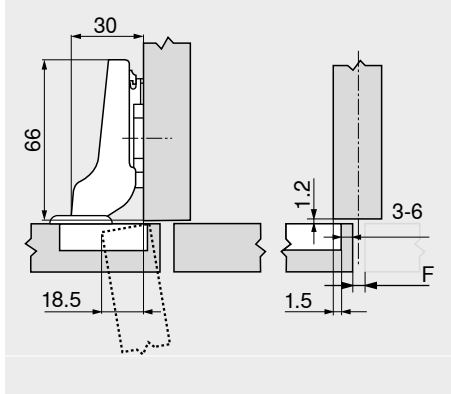
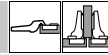
Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)

Hinge and front protrusion at full opening angle

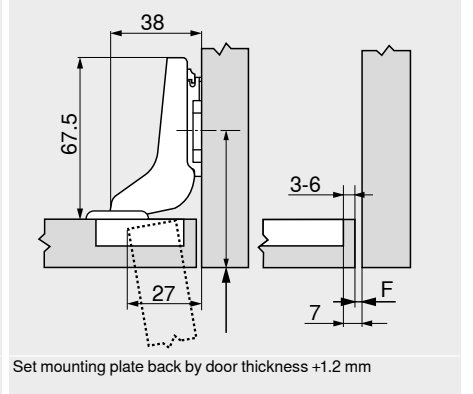
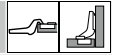
Overlay application



Dual application



Inset application



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															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											
6											
9											

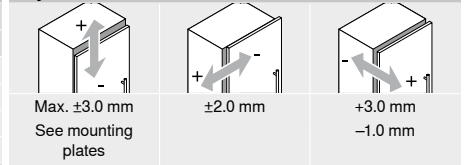
MD Mounting plate spacing (mm)

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

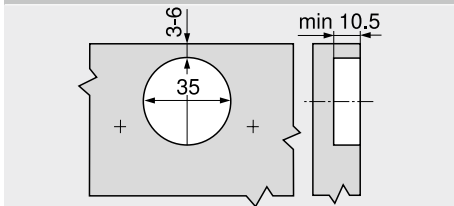
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	21	22	24	26	28	30	31	32
3	0.3	0.5	0.7	1.0	1.3	1.6	3.3	Δ	Δ	Δ	Δ	Δ
4	0.3	0.5	0.7	1.0	1.2	1.6	3.2	Δ	Δ	Δ	Δ	Δ
5	0.3	0.5	0.7	0.9	1.2	1.5	2.6	Δ	Δ	Δ	Δ	Δ
6	0.3	0.5	0.7	0.9	1.1	1.4	2.4	Δ	Δ	Δ	Δ	Δ
Additional for +2 mm side adjustment						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

Δ In these cases a trial is recommended

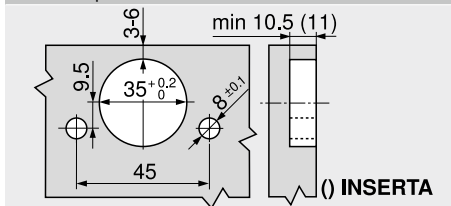
Adjustment



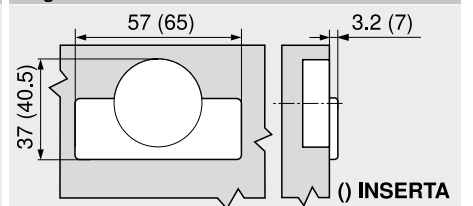
Screw-on



INSERTA | knock-in



Hinge boss dimensions



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Assembly, removal and adjustment

Short-URL
www.blum.com/a210

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Wide angled application

Hinge systems

155° hinge

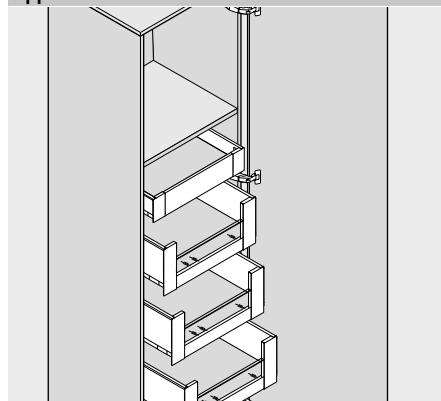
Webcode

QDHEM



- 0-protrusion for overlay application (for cabinets with inner pull-outs or pull-out shelves)
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- 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
- Suitable for special applications, e.g. mitred doors

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	NI	Nickel plated		
○ Unsprung	ONS	Onyx black		

Dual application

Boss		INSERTA		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI ONS	71B7690	
CLIP top	○	NI	70T7690.TL	
● With spring	NI	Nickel plated		
○ Unsprung	ONS	Onyx black		

Inset application

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

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

Boss		Knock-in		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI ONS	71B7580	
CLIP top	●	NI	71T7580	

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

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

TIP-ON for doors		
Version	Spring	Part no.
Short version	○	956.1004
Extended version	○	956A1004
Extended version	●	956A1006
● With spring	○ Unsprung	

Hinge boss spacing		
Hinge	Spacing (mm)	Part no.
CLIP top BLUMOTION	1.5	70T3507.21
CLIP top	1.5	70T3507.21

Insertion ram		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

155° hinge

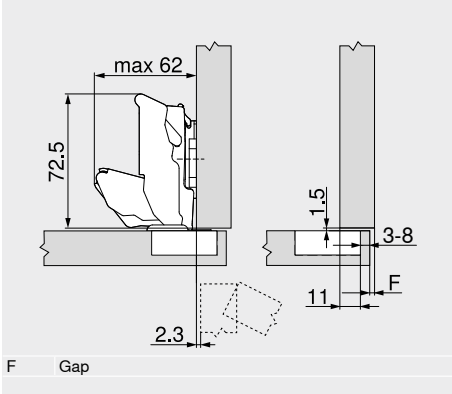
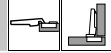
Webcode
DQDHEM

Planning

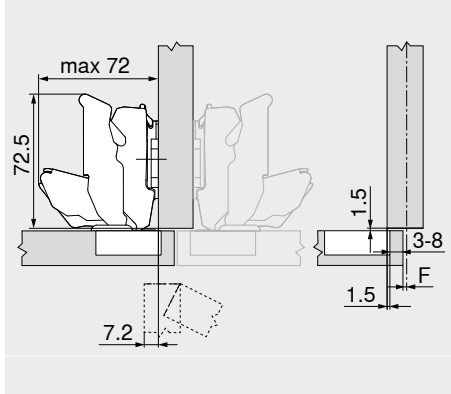
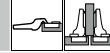
Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 or 9 mm)

Hinge and front protrusion at 90° opening angle

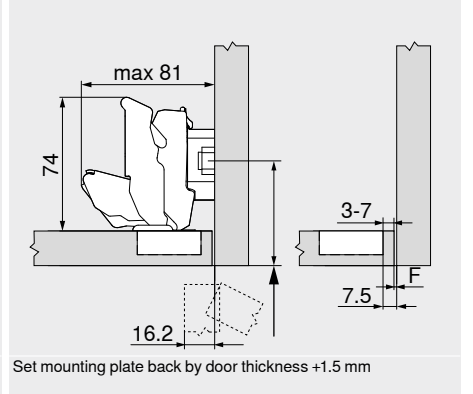
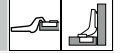
Overlay application
0-protrusion



Dual application



Inset application



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																				
6																				
9																				

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)

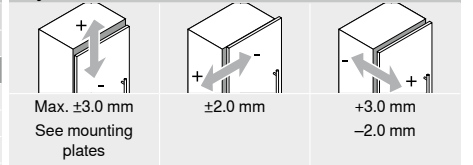
Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

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	0.5	0.5	1.0	2.0	2.0	3.0	4.5
4	0	0	0	0	0	0	0.5	1.0	2.0	2.0	2.5	4.0	
5	0	0	0	0	0	0	0.5	1.0	2.0	2.0	3.5		
6	0	0	0	0	0	0	1.0	1.5	2.0	3.0			
7	0	0	0	0	0	0	1.0	1.5	2.5				
8	0	0	0	0	0	0	1.0	1.5					

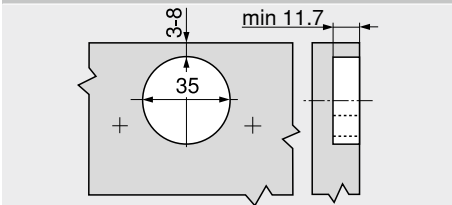
We recommend a trial application for an overlay application against a wall

- 110° Opening angle stop
- 92° Opening angle stop

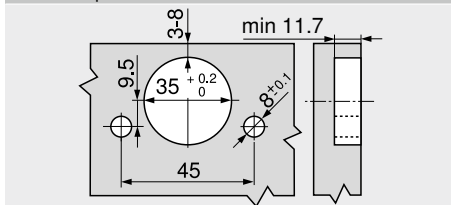
Adjustment



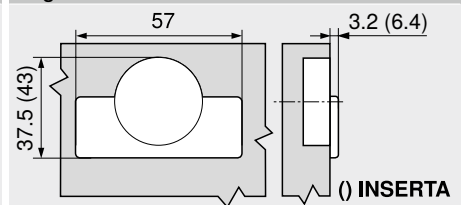
Screw-on



INSERTA | knock-in



Hinge boss dimensions



Page instructions

Overview – CLIP top BLUMOTION CLIP top – hinges	75
Mounting plates	156
Accessories – hinge arm cover cap	164
Accessories – general	166
Overview – BLUMOTION for doors	171

Overview – TIP-ON for doors	185
Overview – assembly devices	561
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Assembly, removal and adjustment

Short-URL	www.blum.com/a210
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Short-URL
www.blum.com/a210

155° hinge

Webcode
DQDHEM

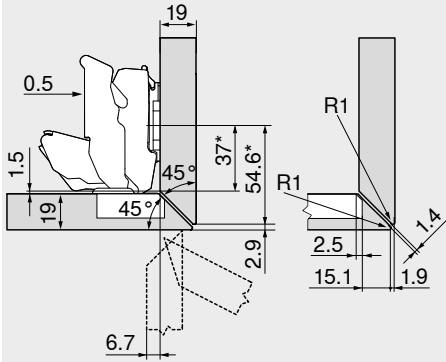
Planning

Special application

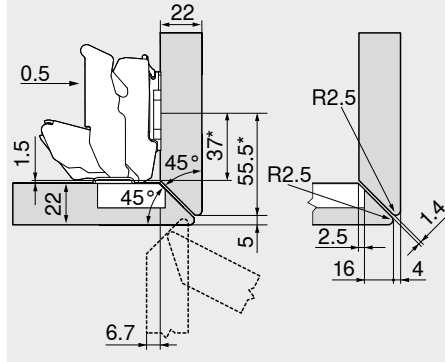
Mitred application – all 4 edges



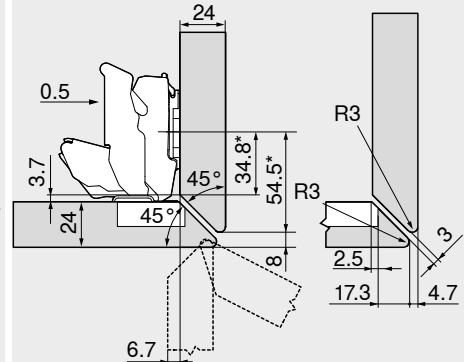
19 mm



22 mm



24 mm



Hinge for dual applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Hinge for dual applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Hinge for dual applications

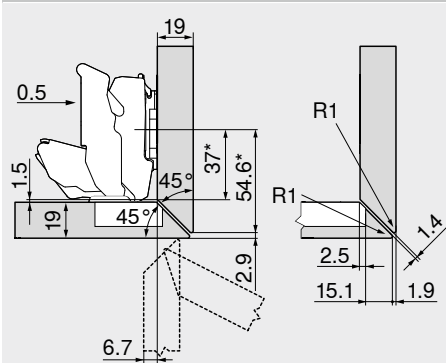
Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

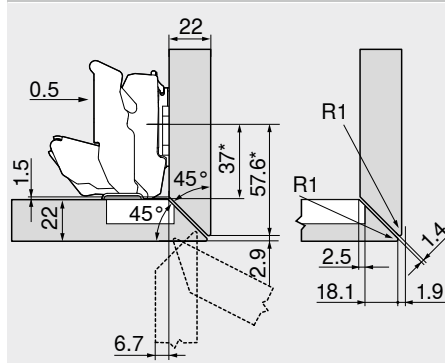
Mitred application – side



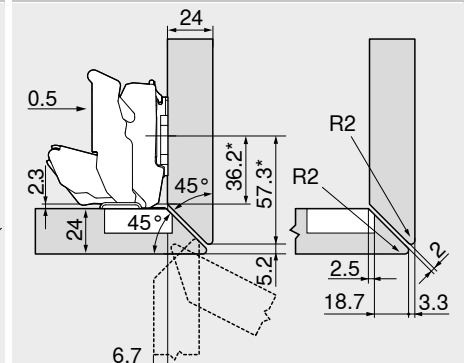
19 mm



22 mm



24 mm



Hinge for dual applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Hinge for dual applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 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



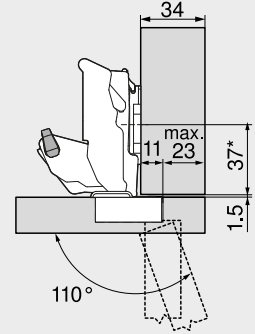
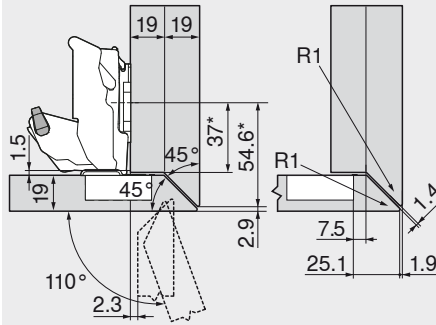
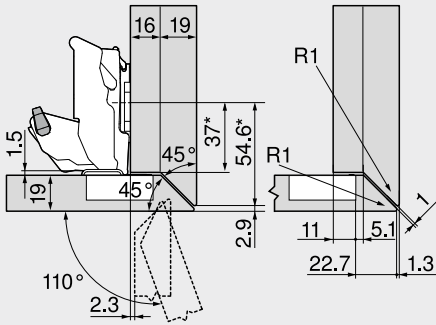
Front overlay max.



16/19 mm

19/19 mm

34 mm



Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Description	Opening angle	Part no.
Opening angle stop	110°	70T7553

Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Description	Opening angle	Part no.
Opening angle stop	110°	70T7553

Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Description	Opening angle	Part no.
Opening angle stop	110°	70T7553

You can select any front thickness for a free-standing cabinet.

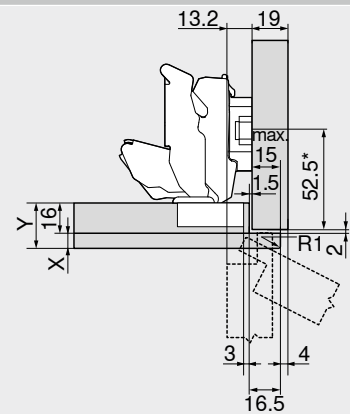
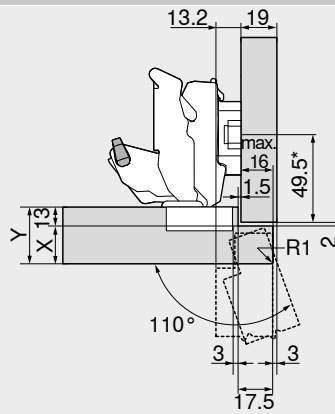
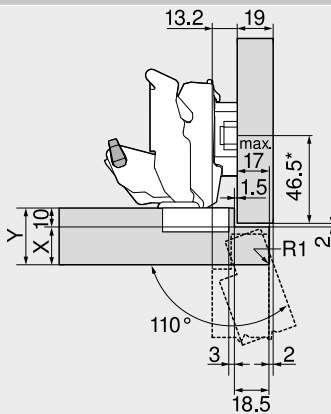
We recommend a trial application for a neighbouring front or an overlay application on the wall.

Notched applications

10 mm

13 mm

16 mm



Hinge for dual applications

Description	Spacing (mm)	Part no.
Mounting plate	6	175H9160

* Dimension for mounting plate with dimension A = 37 mm

Description	Opening angle	Part no.
Opening angle stop	110°	70T7553

Cabinet situation	X max. (mm)	Y max. (mm)
	18	28
	20	30
	25	35

Hinge for dual applications

Description	Spacing (mm)	Part no.
Mounting plate	6	175H9160

* Dimension for mounting plate with dimension A = 37 mm

Description	Opening angle	Part no.
Opening angle stop	110°	70T7553

Cabinet situation	X max. (mm)	Y max. (mm)
	16	29
	17	30
	17	30

Hinge for dual applications

Description	Spacing (mm)	Part no.
Mounting plate	6	175H9160

* Dimension for mounting plate with dimension A = 37 mm

Description	Opening angle	Part no.
Opening angle stop	110°	70T7553

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

Hinge systems

170° hinge

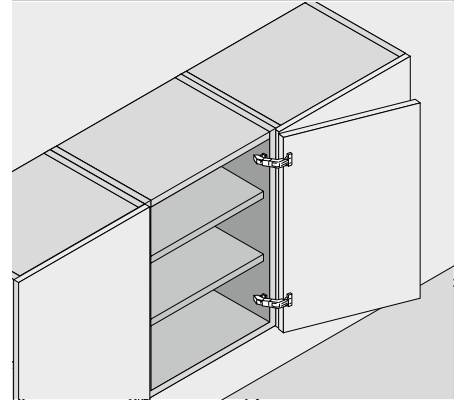


- CLIP top with or without closing mechanism (spring)
- 170° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly

Webcode

DQDI3Y

Application



Order information

Overlay application

Boss		INSERTA	
Hinge	Spring	Colour	Part no.
CLIP top	●	NI	71T6540B
CLIP top	○	NI	70T6540BTL
●	With spring	NI	Nickel plated
○	Unsprung		

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

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	NI	Nickel plated
○	Unsprung		

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

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

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		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

170° hinge

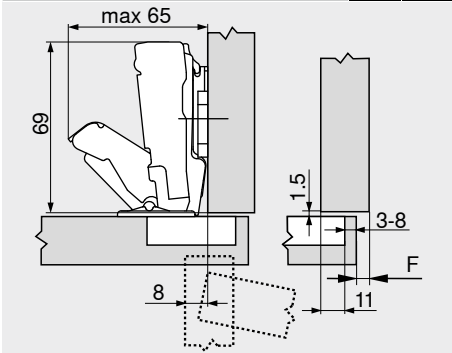
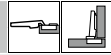
Webcode
DQDI3Y

Planning

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

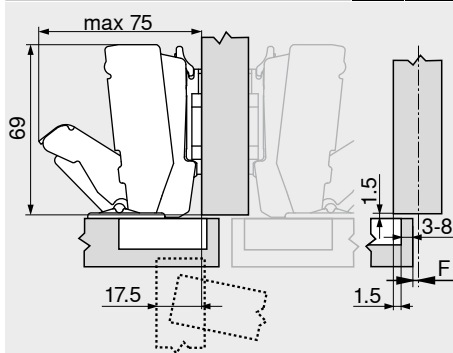
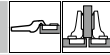
Hinge and front protrusion at 90° opening angle

Overlay application

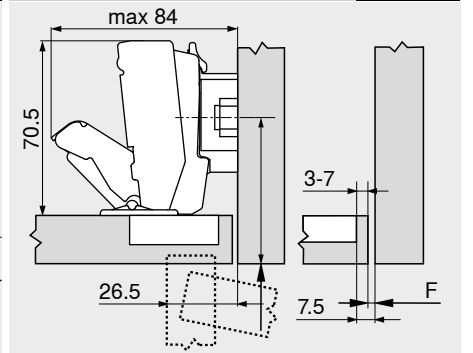
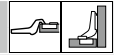


F Gap

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																			
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																			
6																			
9																			

MD Mounting plate spacing (mm)

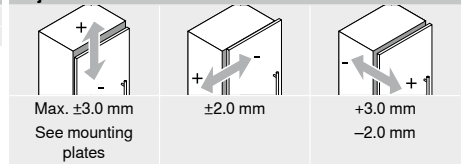
MD	Front overlay FA (mm)				
	-4.5	-3.5	-2.5	-1.5	-0.5
0					
3					
6					
9	3	4	5	6	7

MD Mounting plate spacing (mm)

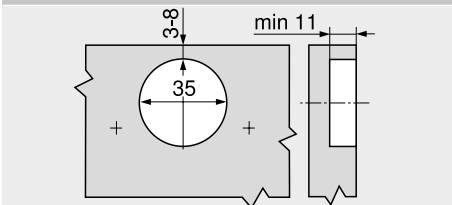
Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

For doors up to 21 mm thick, no gap is required
For doors in excess of 22 mm thick, a trial application is recommended

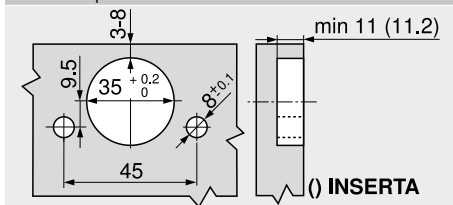
Adjustment



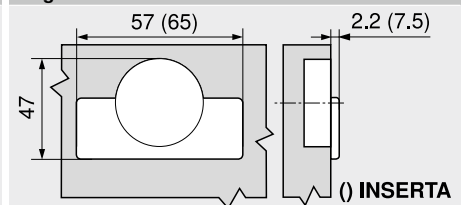
Screw-on



INSERTA | knock-in



Hinge boss dimensions



Page instructions

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Assembly, removal and adjustment

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Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Profile door application

Hinge systems

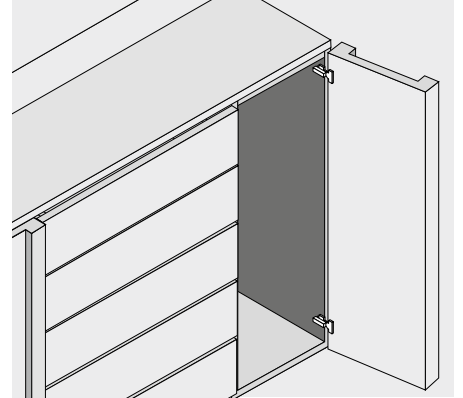
Profile/thick door hinge



- 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)
- 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
DQDITA

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		NI Nickel plated		
○ Unsprung		ONS Onyx black		

Dual application

Boss		INSERTA		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI ONS	71B9690	
CLIP top	●	NI	71T9690B	
CLIP top	○	ONS	70T9690BTL	
● With spring		NI Nickel plated		
○ Unsprung		ONS Onyx black		

Inset application

Boss		INSERTA		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI ONS	71B9790	
CLIP top	●	NI	71T9790B	
CLIP top	○	ONS	70T9790BTL	
● With spring		NI Nickel plated		
○ Unsprung		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		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI ONS	71B9650	
CLIP top	●	NI	71T9650	
CLIP top	○	NI ONS	70T9650.TL	

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 ONS	71B9580	
CLIP top	●	NI	71T9580	
CLIP top	○	ONS	70T9580.TL	

Boss		Knock-in		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	71B9680	
CLIP top	●	NI	71T9680	

Boss		Knock-in		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	71B9780	
CLIP top	●	NI	71T9780	

Accessories

Hinge arm cover cap				
Print Stamp	Logo	Colour	Part no.	
Plain	–	NI ONS	70.1553	
Stamped	Blum	NI	70.1553.BP	

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	

Note

CLIP top BLUMOTION and CLIP top hinges cannot be combined with each other on a door.

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	

Chipboard screws			
Ø (mm)	Length (mm)	Part no.	
3.5	15	609.1500	
3.5	17	609.1700	

Hinge boss spacing			
Hinge	Spacing (mm)	Part no.	
CLIP top BLUMOTION	1.5	70T3507.21	

Insertion ram			
Colour	Material	Part no.	
Orange	Nylon	MZM.0040	

Profile/thick door hinge

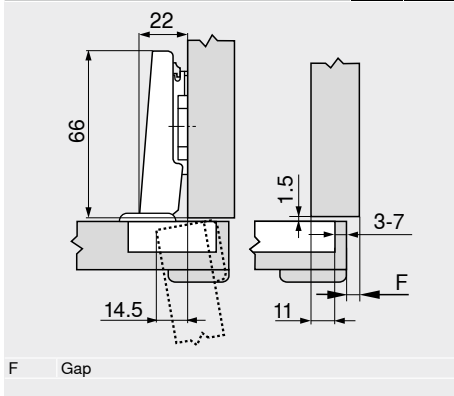
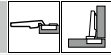
Webcode
DQDITA

Planning

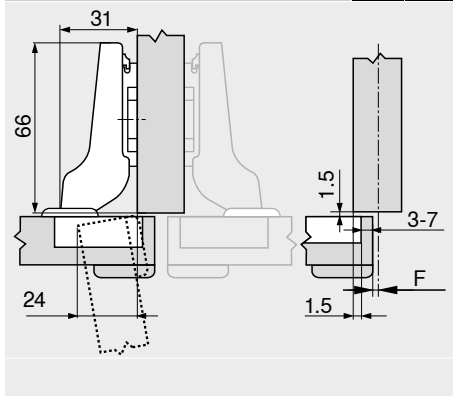
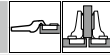
Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)

Hinge and front protrusion at full opening angle

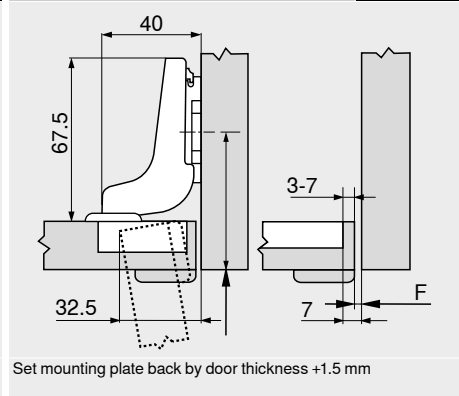
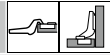
Overlay application



Dual application



Inset application



Drilling distance TB

MD	Front overlay FA (mm)																	
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
0																		
3																		
6																		
9																		

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	10.5	11.5	12.5
0																		
3																		
6																		
9																		

MD Mounting plate spacing (mm)

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

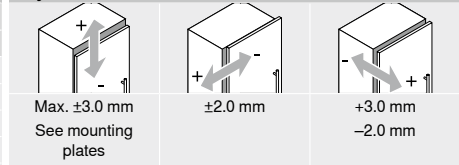
MD Mounting plate spacing (mm)

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

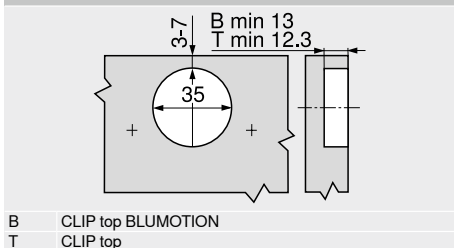
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	22	24	26	28	29	30	31	32
3	0.2	0.3	0.4	0.5	0.8	1.0	1.5	1.9	2.8	3.6	4.5	5.4
4	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.5	3.1	4.0	4.8
5	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.3	2.7	3.5	4.3
6	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.2	2.5	3.2	3.8
7	0.2	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

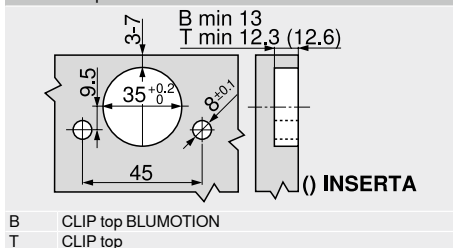
Adjustment



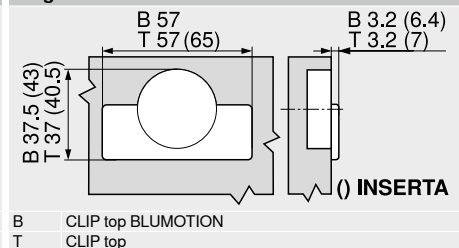
Screw-on



INSERTA | knock-in



Hinge boss dimensions



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Assembly, removal and adjustment

Short-URL
www.blum.com/a210



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Profile door application

Hinge systems

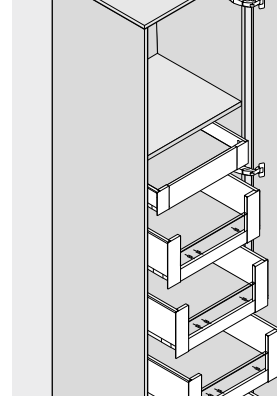
125° hinge

Webcode
DQDJIM



- 0-protrusion for overlay application (for cabinets with inner pull-outs or pull-out shelves)
- Hinge for **thick doors and doors with profile**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- 125° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- Suitable for special applications, e.g. mitred doors

Application



Order information

Overlay application

0-protrusion

Boss		Spring		Colour	Part no.
<input checked="" type="checkbox"/>	Hinge	<input checked="" type="checkbox"/>	With spring	NI	71B7550D
<input type="checkbox"/>	Screw-on			Ni	Nickel plated

Boss		Spring		Colour	Part no.
<input checked="" type="checkbox"/>	Hinge	<input checked="" type="checkbox"/>		NI	71B7580D
<input type="checkbox"/>	Knock-in				

Accessories

Print Stamp		Logo	Colour	Part no.
<input type="checkbox"/>	Stamp	Blum	NI	70.4503.BP
<input type="checkbox"/>	Print	–	NI	70.4503

Accessories – general

Opening angle stop		Colour	Part no.
<input checked="" type="checkbox"/>	92°	R7037	70T7553
<input type="checkbox"/>		RAL 7037 dust grey	

Chipboard screws		Length (mm)	Part no.
<input checked="" type="checkbox"/>	Ø (mm)	15	609.1500
<input type="checkbox"/>		17	609.1700

Hinge boss cover cap		Colour	Part no.
<input checked="" type="checkbox"/>	Hinge	NI	70T7504
<input type="checkbox"/>		NI	Nickel plated

Hinge boss spacing		Spacing (mm)	Part no.
<input checked="" type="checkbox"/>	Hinge	1.5	70T3507.21
<input type="checkbox"/>			

Insertion ram		Material	Part no.
<input checked="" type="checkbox"/>	Colour	Nylon	MZM.0040
<input type="checkbox"/>			

125° hinge

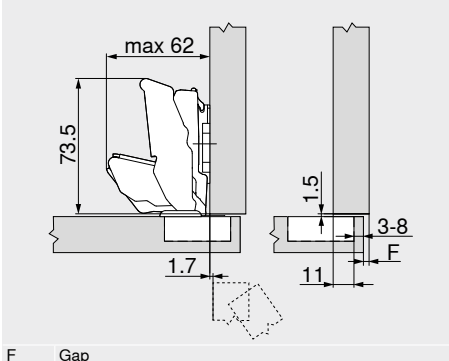
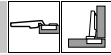
Webcode
DQDJIM

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

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

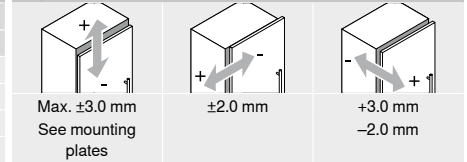
MD Mounting plate spacing (mm)

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

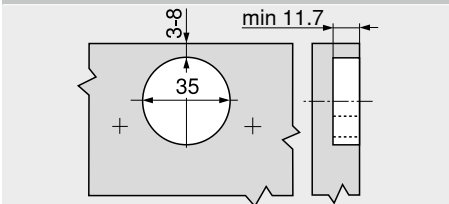
Drilling distance TB (mm)	Front thickness FD (mm)											
	29	30	31	32	33	34	35	36	37	38	39	40
3	0	0	0	0.1	0.3	0.7	1.2	2	2.8	4.1	5.7	-
4	0	0	0	0.1	0.4	0.8	1.5	2.3	3.4	4.9	-	-
5	0	0	0	0.1	0.4	1	1.7	2.8	4.2	-	-	-
6	0	0	0	0.1	0.6	1.2	2.1	3.5	-	-	-	-
7	0	0	0	0.2	0.7	1.6	2.8	-	-	-	-	-
8	0	0	0	0.3	1	2	-	-	-	-	-	-

We recommend a trial application for an overlay application against a wall
92° Opening angle stop

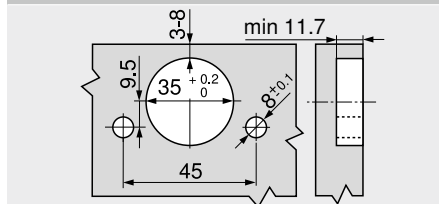
Adjustment



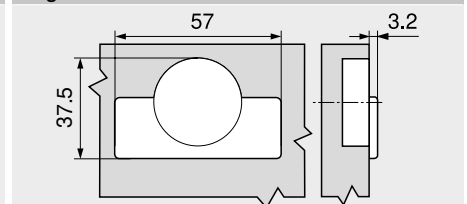
Screw-on



Knock-in



Hinge boss dimensions



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Assembly, removal and adjustment

Short-URL
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125° hinge

Webcode
DQDJIM

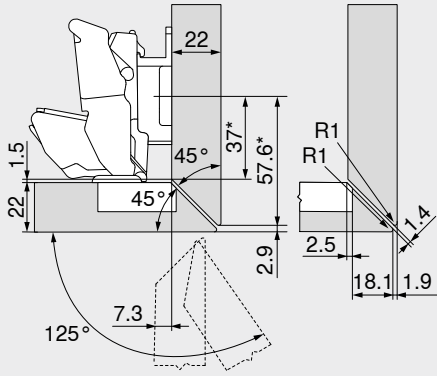
Planning

Special application

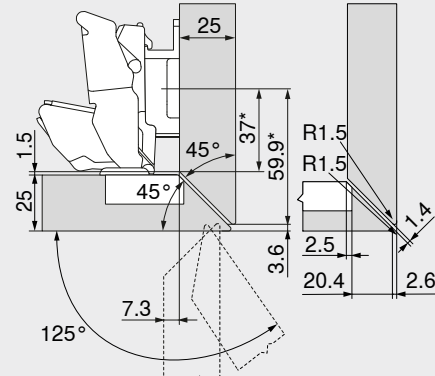
Mitred application – all 4 edges



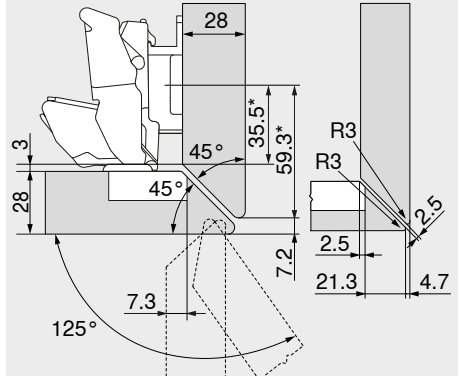
22 mm



25 mm



28 mm



Hinge for overlay applications

* Dimension for mounting plate with dimension A = 37 mm

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

Hinge for overlay applications

* Dimension for mounting plate with dimension A = 37 mm

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

Hinge for overlay applications

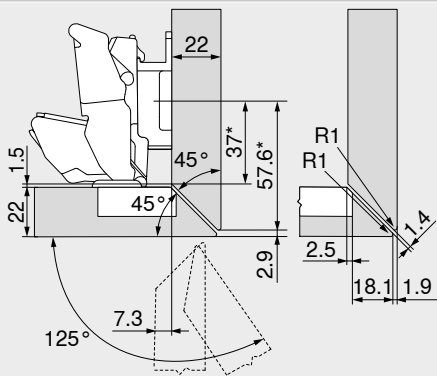
* Dimension for mounting plate with dimension A = 37 mm

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

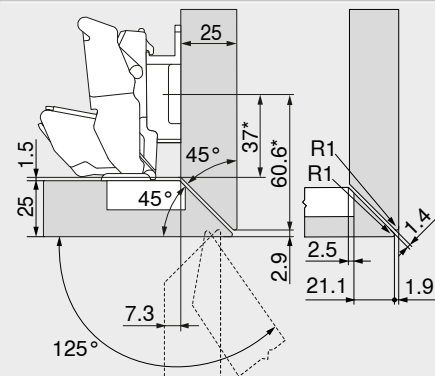
Mitred application – side



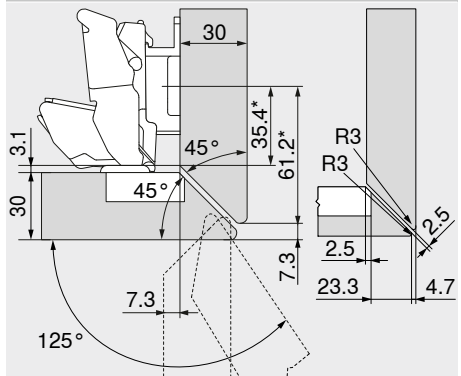
22 mm



25 mm



30 mm



Hinge for overlay applications

* Dimension for mounting plate with dimension A = 37 mm

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

Hinge for overlay applications

* Dimension for mounting plate with dimension A = 37 mm

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

Hinge for overlay applications

* Dimension for mounting plate with dimension A = 37 mm

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

125° hinge

Webcode
 DQDJIM

Planning

Special application

Mitred application – side, with large overlay



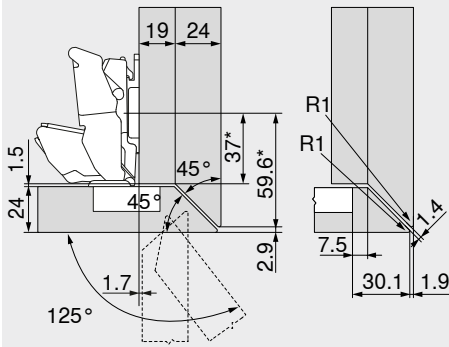
Mitred application – all 4 edges, with large overlay



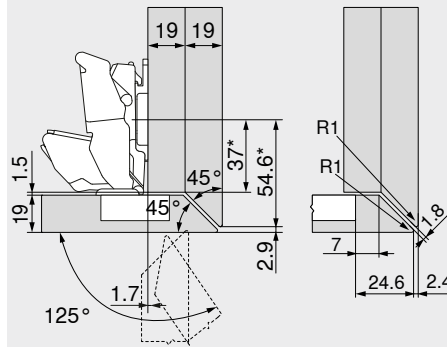
Front overlay max.



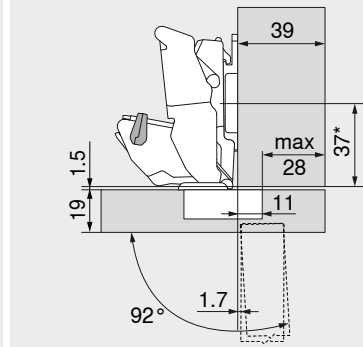
19/24 mm



19/19 mm



39 mm



Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

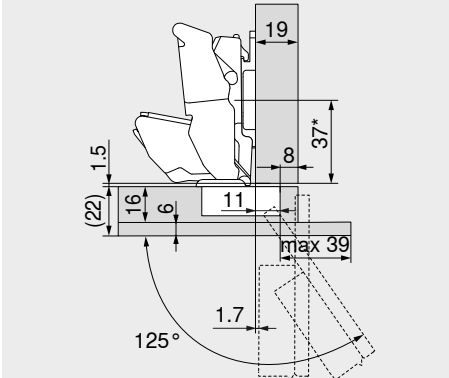
Description	Opening angle	Part no.
Opening angle stop	92°	70T7553

You can select any front thickness for a free-standing cabinet.

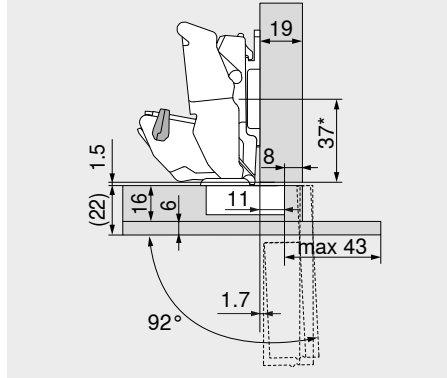
We recommend a trial application for a neighbouring front or an overlay application on the wall.

Thin materials – protruding

16 + 6 mm



16 + 6 mm



Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Hinge for overlay applications

Standard mounting plates with 0 mm distance

* Dimension for mounting plate with dimension A = 37 mm

Description	Opening angle	Part no.
Opening angle stop	92°	70T7553

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Blind corner application

Hinge systems

Blind corner hinge inset application

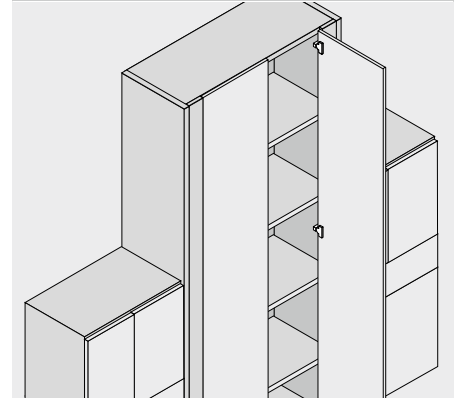
Webcode

DQDK7Y



- Hinge for **blind corner applications**
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** without closing mechanism (spring)
- 95° | 83° 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 95° opening angle



Boss		INSERTA		
Hinge	Spring	Colour		Part no.
CLIP top BLUMOTION	●	NI ONS		79B9590
● With spring		NI	Nickel plated	
○ Unsprung		ONS	Onyx black	

Inset application 83° opening angle



Boss		Screw-on		
Hinge	Spring	Colour		Part no.
CLIP top BLUMOTION	●	NI		79B9550.83
CLIP top	○	NI		78T9550.TL

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

Accessories

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 door.

Accessories – general

Version		Spring	Part no.
Short version	○		956.1004
Extended version	○		956A1004
Extended version	●		956A1006
● With spring		○ Unsprung	

Hinge		Colour	Part no.
CLIP top BLUMOTION		NI ONS	70T3504
CLIP top		NI	70T1504
NI Nickel plated		ONS Onyx black	

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

Colour	Material	Part no.
Orange	Nylon	MZM.0040

Blind corner hinge inset application

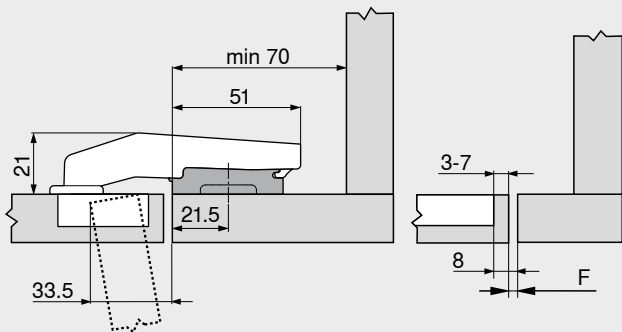
Webcode
DQDK7Y

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

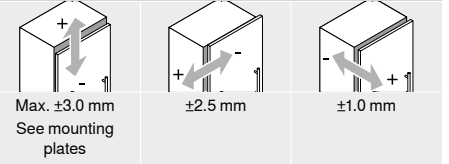
TB Drilling distance

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

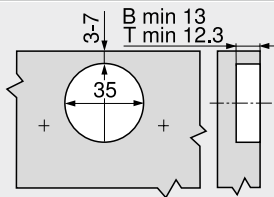
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	22	24	26	28	29	30	31	32
3	0.2	0.3	0.4	0.5	0.8	1.0	1.5	1.9	Δ	Δ	Δ	Δ
4	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
5	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
6	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
7	0.2	0.3	0.4	0.5	0.7	0.9	1.4	1.7	Δ	Δ	Δ	Δ

Δ In these cases a trial is recommended

Adjustment

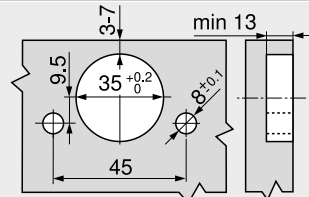


Screw-on

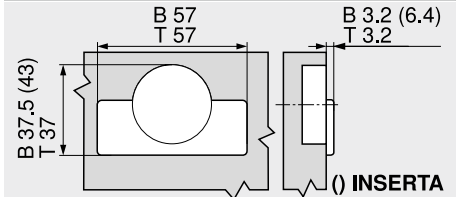


B CLIP top BLUMOTION
T CLIP top

INSERTA | knock-in



Hinge boss dimensions



B CLIP top BLUMOTION
T CLIP top

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Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Blind corner application

Blind corner hinge overlay application

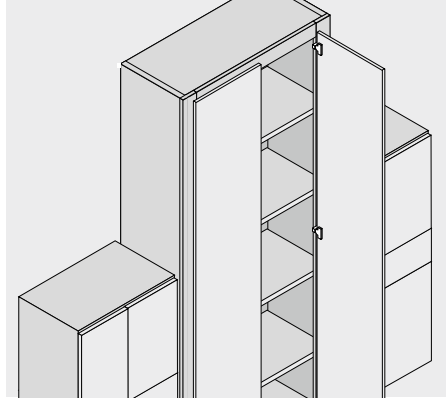
Webcode

DQDKXA



- Hinge for **blind corner overlay applications**
- **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
- 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

Accessories

Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1503
Stamped	Blum	NI	70.1503.BP

Accessories – general

Hinge boss cover cap		
Hinge	Colour	Part no.
CLIP top BLUMOTION	NI	70T3504
NI Nickel plated		

Insertion ram		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

Chipboard screws		
Ø (mm)	Length (mm)	Part no.
3.5	15	609.1500
3.5	17	609.1700

Blind corner hinge overlay application

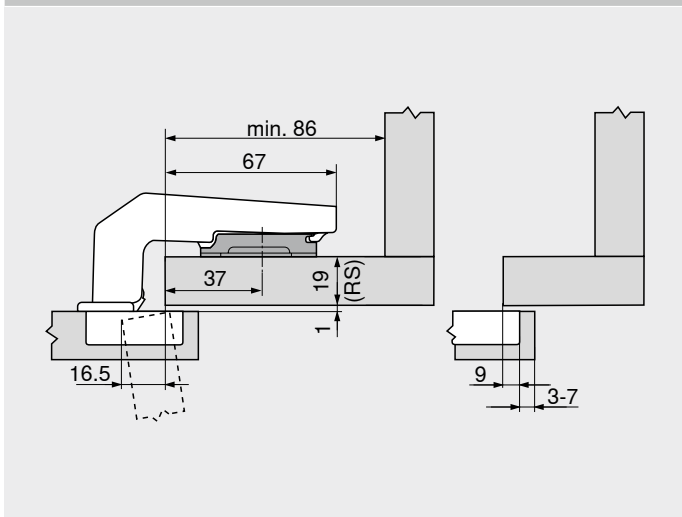
Webcode
DQDKXA

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



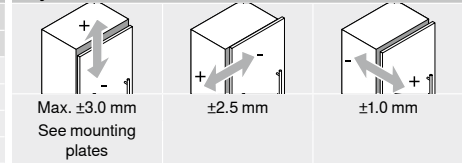
Frame thickness RS (mm)	Mounting plate spacing (mm)
16	6
19	3
22	0

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

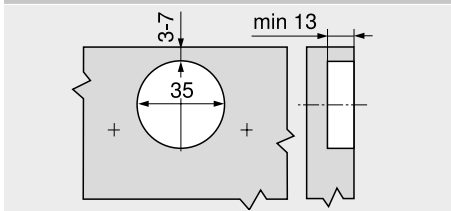
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	22	24	26	28	29	30	31	32
3	0.2	0.3	0.4	0.5	0.8	1.0	1.5	1.9	Δ	Δ	Δ	Δ
4	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
5	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
6	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
7	0.2	0.3	0.4	0.5	0.7	0.9	1.4	1.7	Δ	Δ	Δ	Δ

Δ In these cases a trial is recommended

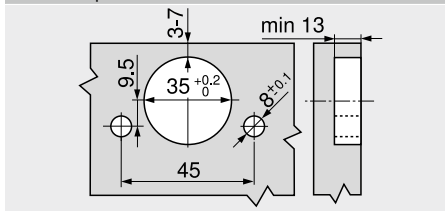
Adjustment



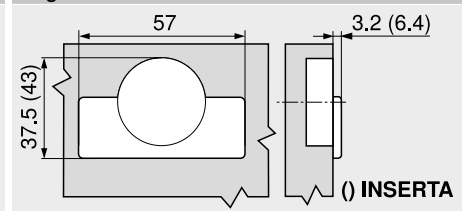
Screw-on



INSERTA | knock-in



Hinge boss dimensions



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Assembly, removal and adjustment

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Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Aluminium frame application

Hinge systems

CLIP top BLUMOTION 95° aluminium frame door hinge

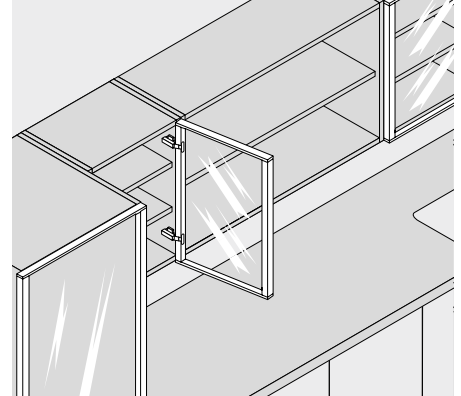
Webcode

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		

Accessories

Hinge arm cover cap				
Print Stamp	Logo	Colour	Part no.	
Plain	–	NI	70.1553	
Stamped	Blum	NI	70.1553.BP	

Dual application

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	71B960A	
● With spring		NI Nickel plated		

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		

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

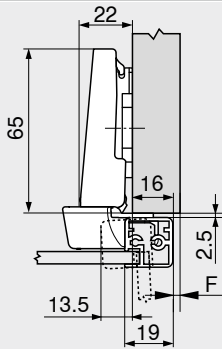
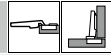
Webcode
DQDLMM

Planning

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

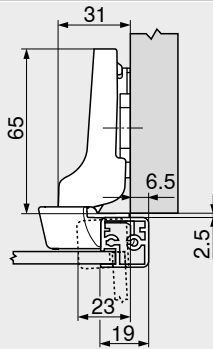
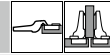
Hinge and front protrusion at full opening angle

Overlay application

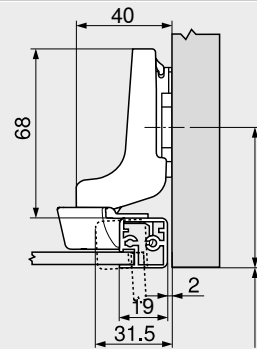
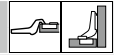


F Gap

Dual application



Inset application



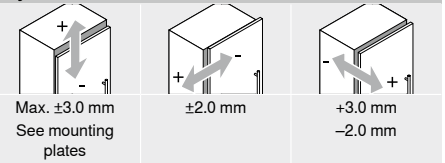
Set mounting plate back by frame width +2.5 mm

Minimum gap F for aluminium frame fronts (R = 1 mm) based on the factory setting

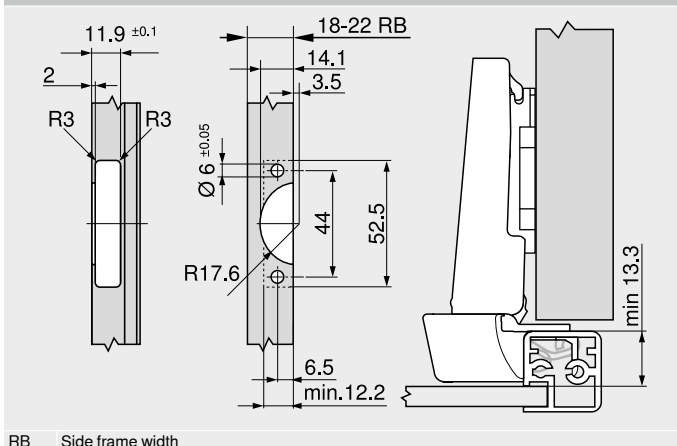
Side frame width RB (mm)	Frame thickness RS (mm)											
	18	19	20	21	22	24	25	26	27	28	30	32
18	0.2	0.3	0.4	0.6	0.7	1.2	Δ	Δ	Δ	Δ	Δ	Δ
19	0.2	0.3	0.4	0.6	0.7	1.2	Δ	Δ	Δ	Δ	Δ	Δ
20	0.2	0.3	0.4	0.5	0.7	1.1	Δ	Δ	Δ	Δ	Δ	Δ
21	0.2	0.3	0.4	0.5	0.7	1.0	Δ	Δ	Δ	Δ	Δ	Δ
22	0.2	0.3	0.4	0.5	0.7	1.1	Δ	Δ	Δ	Δ	Δ	Δ
Additional for +2 mm side adjustment												
	+0.1	+0.2	+0.3	+0.3	+0.3	+0.4						

Δ In these cases a trial is recommended

Adjustment



Screw-on



RB Side frame width

Page instructions

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More technical details	662
Assembly, removal and adjustment	
Short-URL	
www.blum.com/a210	



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Aluminium frame application

Hinge systems

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	

Accessories

	<input type="checkbox"/> BLUMOTION 973A
--	---

Version	Part no.
Clip on	973A0500.01

	<input type="checkbox"/> Hinge arm cover cap
--	--

Print Stamp	Logo	Colour	Part no.
Plain	–	NI ONS	70.1553
Stamped	Blum	NI	70.1553.BP

Accessories

	<input type="checkbox"/> BLUMOTION 973A
--	---

Version	Part no.
Clip on	973A0600

	<input type="checkbox"/> Hinge arm cover cap
--	--

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

Accessories

	<input type="checkbox"/> Hinge arm cover cap
--	--

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

Accessories – general

	<input type="checkbox"/> 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

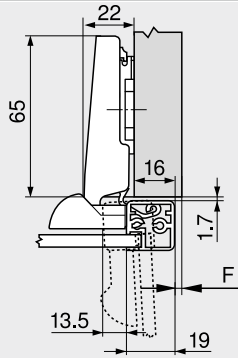
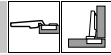
Webcode
DQDMBY

Planning

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

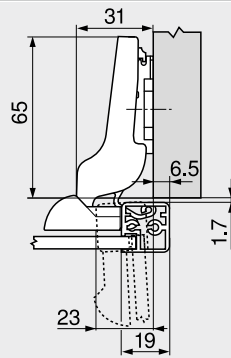
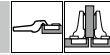
Hinge and front protrusion at full opening angle

Overlay application

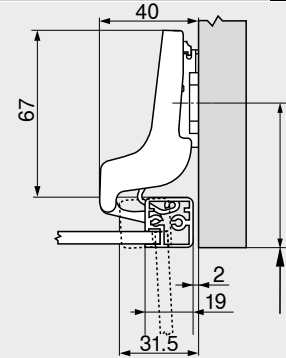
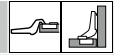


F Gap

Dual application



Inset application



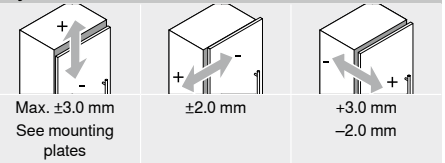
Set mounting plate back by frame width +1.7 mm

Minimum gap F for aluminium frame fronts (R = 1 mm) based on the factory setting

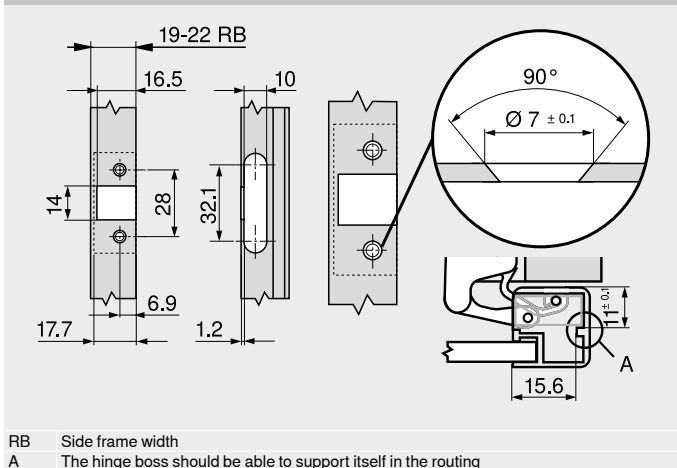
Side frame width RB (mm)	Frame thickness RS (mm)											
	18	19	20	21	22	24	25	26	27	28	30	32
19	0.2	0.3	0.4	0.6	0.7	1.2	Δ	Δ	Δ	Δ	Δ	Δ
20	0.2	0.3	0.4	0.5	0.7	1.1	Δ	Δ	Δ	Δ	Δ	Δ
21	0.2	0.3	0.4	0.5	0.7	1.0	Δ	Δ	Δ	Δ	Δ	Δ
22	0.2	0.3	0.4	0.5	0.7	1.1	Δ	Δ	Δ	Δ	Δ	Δ
Additional for +2 mm side adjustment												
	+0.1	+0.2	+0.3	+0.3	+0.3	+0.4						

Δ In these cases a trial is recommended

Adjustment



Screw-on



Page instructions

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Assembly, removal and adjustment

Short-URL
www.blum.com/a210



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Thin door application

Hinge for thin doors

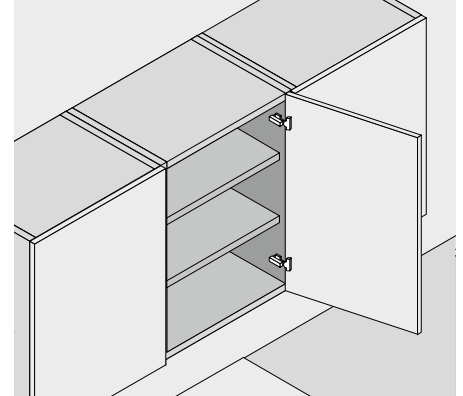


- Thin fronts from 8–14 mm
- EXPANDO T fixing system for a variety of front materials
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- 0-protrusion (for cabinets with inner pull-outs or pull-out shelves)
- 110° opening angle
- 3-dimensional front adjustment
- Tool-free door to cabinet assembly and removal

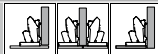
Webcode

DQGT1A

Application



Order information



Boss		<input type="checkbox"/> EXPANDO T	
Hinge	Spring	Colour	Part no.
CLIP top BLUMOTION	●	NI ONS	71B453T
CLIP top	●	NI	71T453T
CLIP top	○	NI	70T453T.TL
● With spring		NI Nickel plated	
○ Unsprung		ONS Onyx black	

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/mm ²)	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

Accessories

Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI ONS	70.4503
Stamped	Blum	NI	70.4503.BP

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.

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

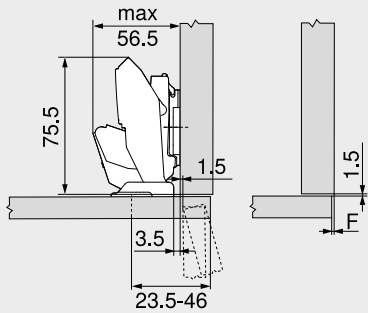
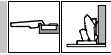
Webcode
DQGT1A

Planning

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

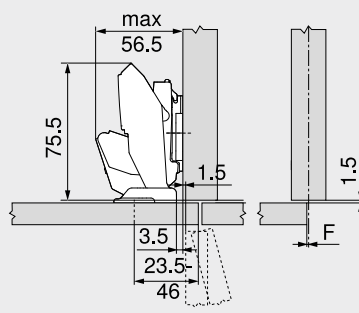
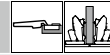
Hinge and front protrusion at 90° opening angle

Overlay application



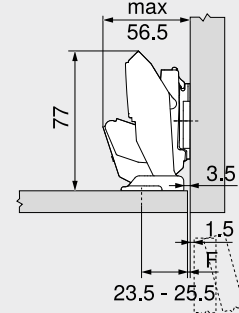
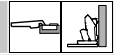
F Gap

Dual application



F Gap

Inset application



Set mounting plate back by door thickness +1.5 mm

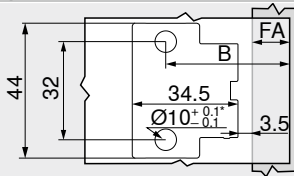
F Gap

Fixing position

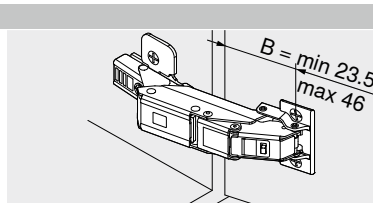
MD	Front overlay FA (mm)																	
	-3.5	-3	-2.5	-2	-1.5	-1	2.5	4	5.5	7	8.5	10	11.5	13	14.5	16	17.5	19
0	23.5	24	24.5	25	25.5	26	29.5	31	32.5	34	35.5	37	38.5	40	41.5	43	44.5	46
3	26.5	27	27.5	28	28.5	29	32.5	34	35.5	37	38.5	40	41.5	43	44.5	46		
6	29.5	30	30.5	31	31.5	32	35.5	37	38.5	40	41.5	43	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

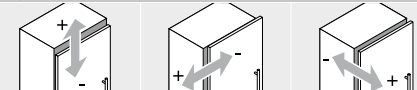


B Fixing position
B = FA + 27 mm
FA Front overlay
* Stone and ceramic +0.2/-0.1 mm



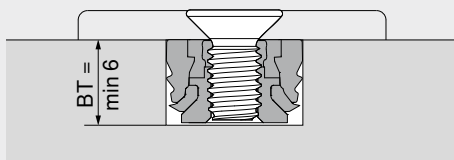
B Fixing position

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 – cabinet hinge side on the wall

SWD (mm)	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

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Mounting plates	156	Assembly recommendation and limitation of liability – EXPANDO T	555	Assembly, removal and adjustment	
Accessories – hinge arm cover cap	164	Fixing system for thin fronts – EXPANDO T	554		
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			Short-URL		
			www.blum.com/a210		

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Glass door application

CRISTALLO hinge

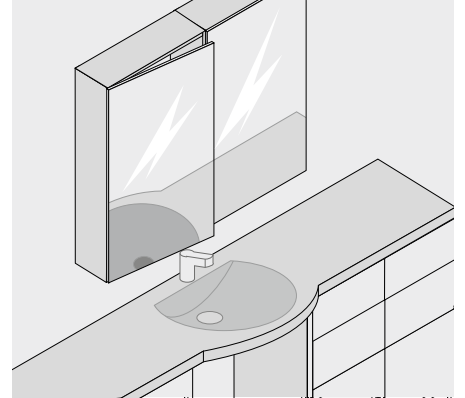
Webcode

DQDN1A

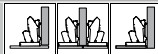


- Hinge for **glass and mirror doors**
- Adhesion plate is **glued** onto glass (no glass drilling necessary)
- Tool-free hinge to adhesion plate assembly
- **CLIP top BLUMOTION** with integrated **BLUMOTION** (with deactivation option)
- **CLIP top** with or without closing mechanism (spring)
- 0-protrusion (for cabinets with inner pull-outs or pull-out shelves)
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal

Application



Order information



Boss		<input type="checkbox"/> 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	

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

<input type="checkbox"/> CRISTALLO adhesion plate		
Glue-on		
Front material	Colour	Part no.
Glass mirror	Matt-nickel plated	70T4568C
Mirror	Special nickel plated	70T4568C

Accessories			
<input type="checkbox"/> 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

<input type="checkbox"/> Opening angle stop		
Opening angle	Colour	Part no.
85°	Dark grey	70T4503
92°	R7037	70T4503.09
R7037 RAL 7037 dust grey		

<input type="checkbox"/> TIP-ON for doors		
Version	Spring	Part no.
Short version	○	956.1004
Extended version	○	956A1004
Extended version	●	956A1006
● With spring	○ Unsprung	

CRISTALLO hinge

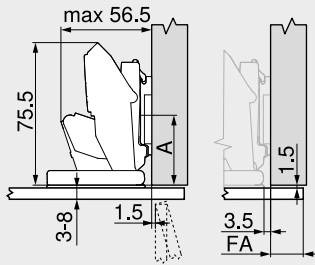
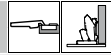
Webcode
DQDN1A

Planning

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

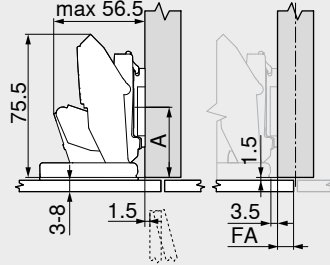
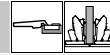
Hinge and front protrusion at full opening angle

Overlay application



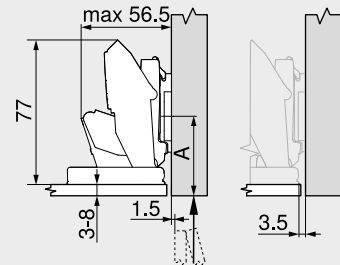
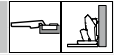
A Cabinet front edge to centre of mounting plate drilling
20 mm with mounting plate A20
37 mm with mounting plate A37
FA Front overlay

Dual application



A Cabinet front edge to centre of mounting plate drilling
20 mm with mounting plate A20
37 mm with mounting plate A37
FA Front overlay

Inset application



A Cabinet front edge to centre of mounting plate drilling
21.5 mm + front thickness FD with mounting plate A20
38.5 mm + front thickness FD with mounting plate A37

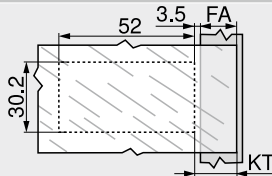
Distance

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						

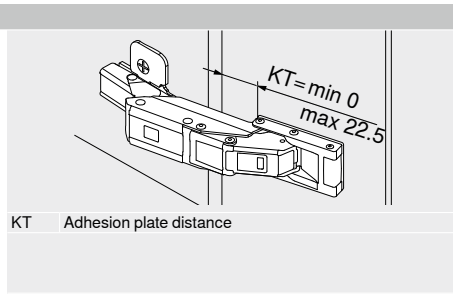
MD Mounting plate spacing (mm)

Due to the risk of breakage to glass and mirror doors, sufficient surrounding gaps are required (recommendation: min 2 mm)

Distance

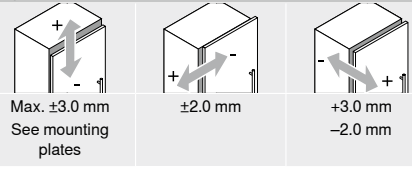


FA Front overlay
KT Adhesion plate distance
KT = FA + 3.5 mm + MD
MD Mounting plate spacing



KT Adhesion plate distance

Adjustment



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.

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Assembly, removal and adjustment

Short-URL
www.blum.com/a210



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Glass door application

CRISTALLO hinge – glass display cabinets

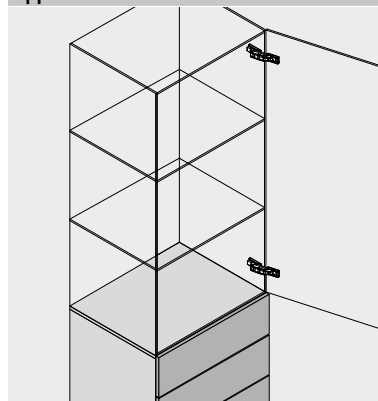
Webcode

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

Overlay application | Inset application



Boss		<input type="checkbox"/> 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			

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

<input type="checkbox"/> CRISTALLO adhesion plate		
Glue-on		
Front material	Colour	Part no.
Glass mirror	Matt-nickel plated	70T4568C
Mirror	Special nickel plated	70T4568C

<input type="checkbox"/> CRISTALLO mounting plate		
Glue-on		
Front material	Colour	Part no.
Glass mirror	Matt-nickel plated	175M4C20N

Accessories

<input type="checkbox"/> 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.

Accessories – general

<input type="checkbox"/> 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

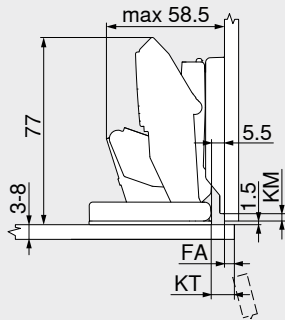
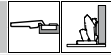
Webcode
DQDNQM

Planning

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

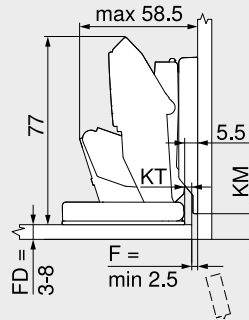
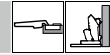
Hinge and front protrusion at full opening angle

Overlay application



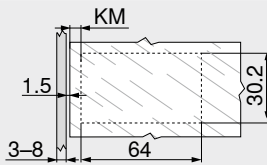
FA Front overlay
KM Mounting plate distance
KT Adhesion plate distance

Inset application

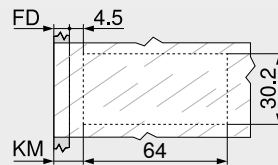


FD Front thickness
F Gap
KM Mounting plate distance
KT Adhesion plate distance

Distance – mounting plates

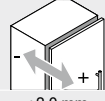
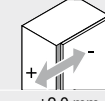
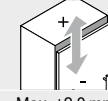


KM Mounting plate distance
KM = 3 mm



FD Front thickness
KM Mounting plate distance
KM = FD + 4.5 mm

Adjustment

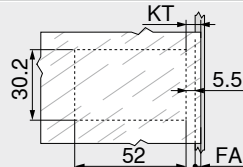


Max. ±2.0 mm

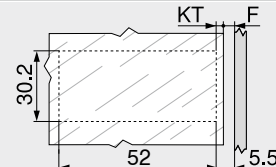
±2.0 mm

+3.0 mm
-2.0 mm

Distance – adhesion plate



FA Front overlay
KT Adhesion plate distance
KT = FA + 5.5 mm



F Gap
KT Adhesion plate distance
KT = 5.5 mm – F

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.

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Overview – BLUMOTION for doors	171

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Assembly, removal and adjustment

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www.blum.com/a210



Hinge systems



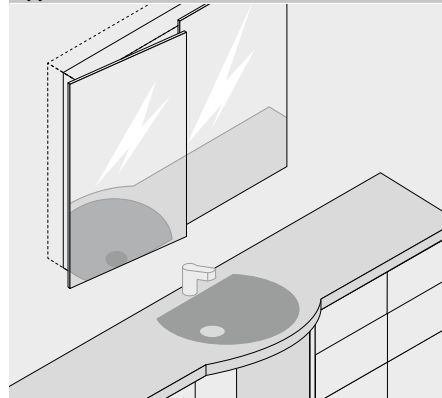
- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Glass door application

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		NI	Nickel plated	
○ Unsprung				

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

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1663
Stamped	Blum	NI	70.1663.BP

Note

Only recommended for wall cabinets due to lower load bearing limits.

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

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		

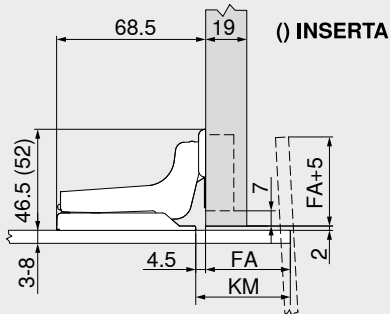
Chipboard screws		
Ø (mm)	Length (mm)	Part no.
3.5	15	609.1500
3.5	17	609.1700

Bathroom mirror cabinets with fronts that protrude all the way around

Planning

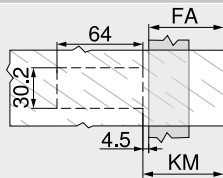
Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)

Hinge with double cranked hinge arm



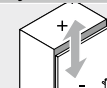
FA Front overlay
KM Mounting plate distance

Distance

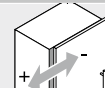


FA Front overlay
FA = max. 70 mm
KM Mounting plate distance
KM = FA + 4.5 mm

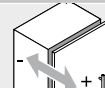
Adjustment



Max. ±2.0 mm



+2.0 mm
-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.

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Assembly, removal and adjustment

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Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Glass door application

Hinge systems

Glass door hinge

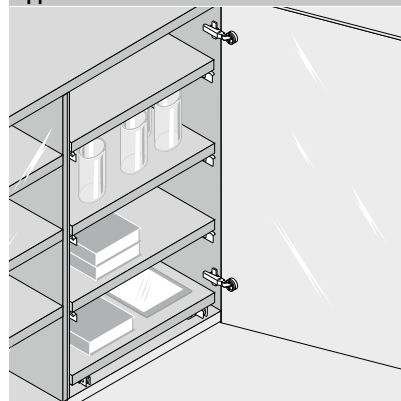
Webcode

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		

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	
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

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
Stamped	Blum	NI	70.1553.BP

Dual application

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top	●	NI	75T4200	
● With spring		NI Nickel plated		

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	
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Accessories

BLUMOTION 970A		
Version	Part no.	
For drilling	970A1002	

Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Inset application

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top	●	NI	75T4300	
● With spring		NI Nickel plated		

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	
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Accessories

BLUMOTION 970A		
Version	Part no.	
For drilling	970A1002	

Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Accessories – general

TIP-ON for doors		
Version	Spring	Part no.
Extended version	●	956A1006
● With spring		

Glass door hinge

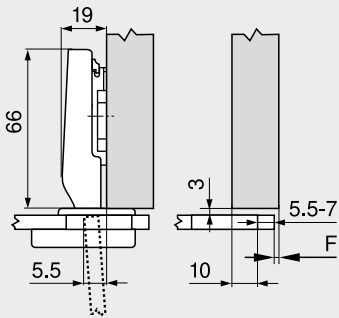
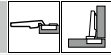
Webcode
DQDP5A

Planning

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

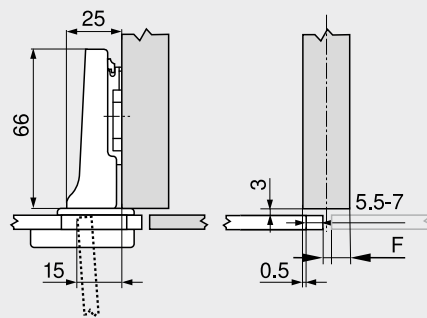
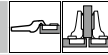
Hinge and front protrusion at full opening angle

Overlay application



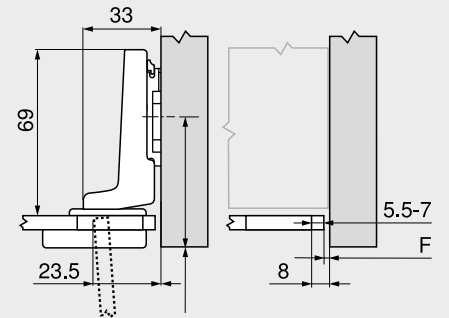
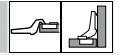
F Gap

Dual application



F Gap

Inset application



F Gap
Set mounting plate back by glass thickness and height of cover cap +3 mm

Drilling distance TB

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

MD Mounting plate spacing (mm)

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						
0											6	7					
3								6	7								
6					6	7											
9	6	7															

MD Mounting plate spacing (mm)

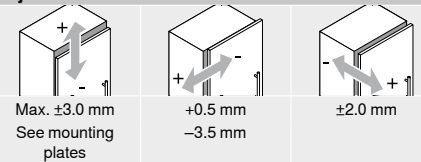
MD	Front overlay FA (mm)							
			-2.5	-2	-1.5	-1		
0			5.5	6	6.5	7		
3								
6								
9								

MD Mounting plate spacing (mm)

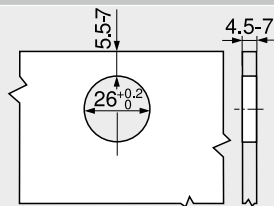
Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

For glass thicknesses from 4.5 to 7 mm no gap is required

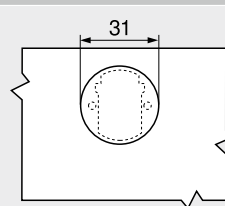
Adjustment



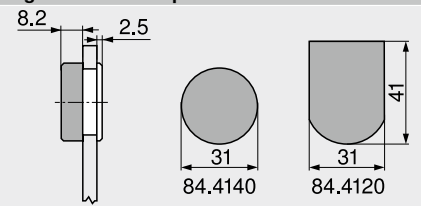
Screw-on



Hinge boss dimensions



Hinge boss cover cap



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Assembly, removal and adjustment

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Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Frame door application

Hinge systems

Mini-hinge

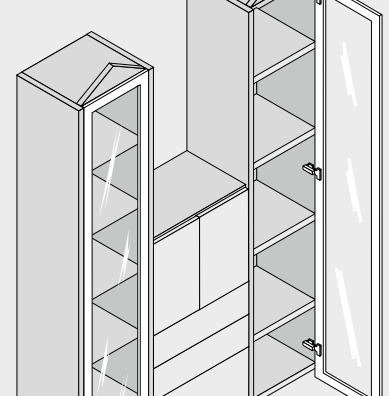
Webcode

DQDPUM



- Hinge for **small doors and doors with narrow frames**
- **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

Application



Order information

Overlay application

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top	●	NI	71T0550	
● With spring		NI	Nickel plated	

Accessories

	<input type="checkbox"/> BLUMOTION 971A	
Version	Part no.	
In adapter plate for overlay application	971Axxxx	

	<input type="checkbox"/> Hinge arm cover cap		
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Dual application

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top	●	NI	71T0650	
● With spring		NI	Nickel plated	

Accessories

	<input type="checkbox"/> BLUMOTION 970A	
Version	Part no.	
For drilling	970A1002	

	<input type="checkbox"/> Hinge arm cover cap		
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Inset application

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top	●	NI	71T0750	
● With spring		NI	Nickel plated	

Accessories

	<input type="checkbox"/> BLUMOTION 970A	
Version	Part no.	
For drilling	970A1002	

	<input type="checkbox"/> Hinge arm cover cap		
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Accessories – general

	<input type="checkbox"/> TIP-ON for doors	
Version	Spring	Part no.
Extended version	●	956A1006
● With spring		

	<input type="checkbox"/> Chipboard screws	
Ø (mm)	Length (mm)	Part no.
3.5	15	609.1500
3.5	17	609.1700

Mini-hinge

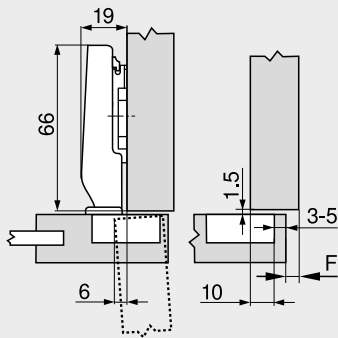
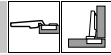
Webcode
DQDPUM

Planning

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

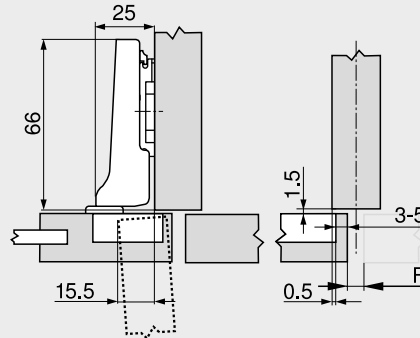
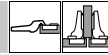
Hinge and front protrusion at full opening angle

Overlay application



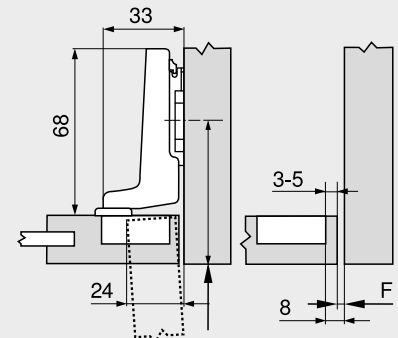
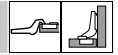
F Gap

Dual application



F Gap

Inset application



F Gap
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						

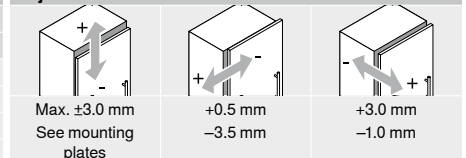
MD Mounting plate spacing (mm)

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

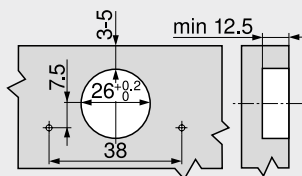
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	22	23	24	26	28	30	31	32
3	1.1	2.2	3.0	3.8	5.5	Δ	Δ	Δ	Δ	Δ	Δ	Δ
4	1.1	2.0	2.7	3.5	5.0	Δ	Δ	Δ	Δ	Δ	Δ	Δ
5	1.1	1.8	2.4	3.0	4.6	Δ	Δ	Δ	Δ	Δ	Δ	Δ

Δ In these cases a trial is recommended

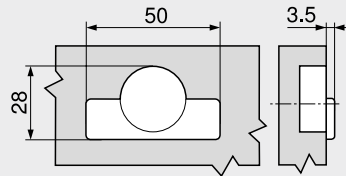
Adjustment



Screw-on



Hinge boss dimensions



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Assembly, removal and adjustment

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Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Corner cabinet solution

Corner cabinet bi-fold hinge

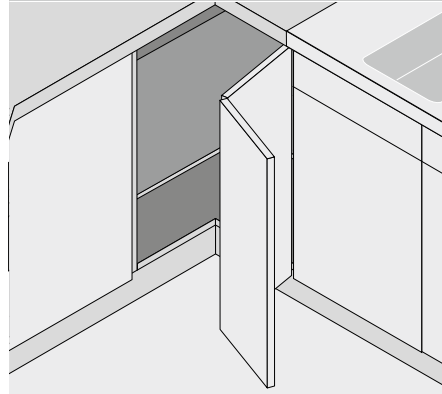
Webcode

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)
- 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

Accessories

<input type="checkbox"/>	BLUMOTION 970.
--------------------------	----------------

Version	Part no.
For drilling	970.1002

<input type="checkbox"/>	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	86
CLIP top 170° hinge	90

Accessories – general

Chipboard screws		
Ø (mm)	Length (mm)	Part no.
3.5	15	609.1500
3.5	17	609.1700

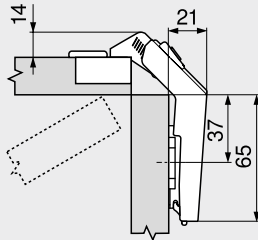
Insertion ram		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

Corner cabinet bi-fold hinge

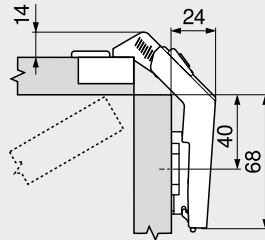
Webcode
 DQDQJY

Planning

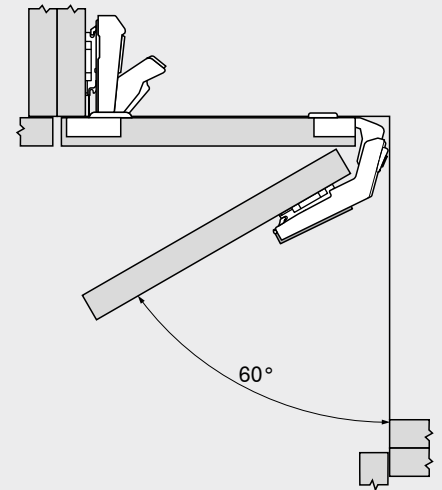
Hinge dimensions and gap calculation based on factory setting



Application for 19 mm thick door in conjunction with 0 mm spaced standard mounting plate

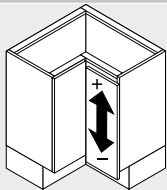


Application for 19 mm thick door in conjunction with 3 mm spaced standard mounting plate

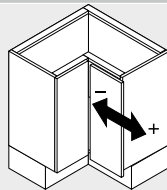


The hinge boss of the bi-fold hinge should be fixed to the same front as the hinge boss of the 170° and 155° hinge

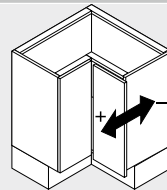
Adjustment



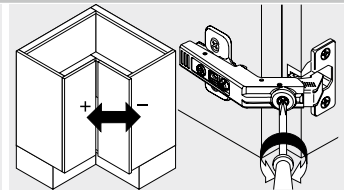
Height adjustment
 Max. ±3.0 mm
 See mounting plates



Side adjustment
 +3.0 mm
 -2.0 mm

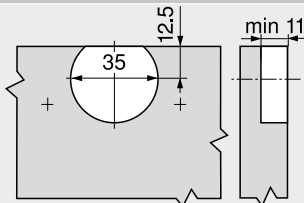


Depth adjustment
 ±2.0 mm

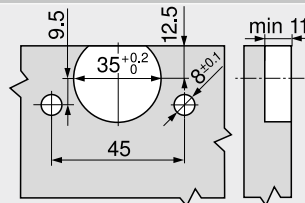


Gap adjustment
 +7.2 mm
 -4.2 mm

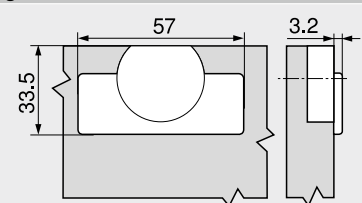
Screw-on



Knock-in



Hinge boss dimensions



Page instructions

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Mounting plates	156
Accessories – hinge arm cover cap	164
Accessories – general	166
Overview – BLUMOTION for doors	171

Overview – assembly devices	561
More technical details	662

Assembly, removal and adjustment

Short-URL
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






Hinge systems



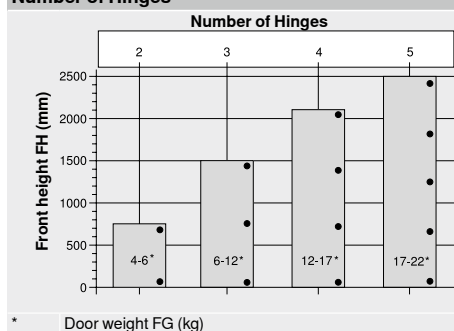
- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Overview – angled applications

Hinge systems

Angle	Inset application 	Half overlay application 	Overlay application 	Maximum overlay application 	Mitred application 					
▶▶ Angled application – standard										
50°	N° 25	123	N° 54	123	N° 10	125	N° 45	127	N° 61	123
45°	N° 24	125	N° 53	123	N° 9	125	N° 44	127	N° 60	123
40°	N° 23	123	N° 108	126	N° 8	126	N° 43	126	N° 109	127
35°	N° 22	129	N° 52	129	N° 7	129	N° 42	130	N° 59	129
30°	N° 21	129	N° 51	129	N° 6	129	N° 41	130	N° 58	129
25°	N° 20	128	N° 50	128	N° 5	133	N° 40	130	N° 57	128
20°	N° 19	133	N° 49	133	N° 4	133	N° 39	135	N° 56	133
15°	N° 18	132	N° 48	132	N° 3	135	N° 38	135	N° 55	132
10°	N° 17	134	N° 47	134	N° 2	134	N° 37	135		
5°	N° 16	137	N° 46	137	N° 1	137	N° 36	137		
-5°	N° 15	137					N° 35	137		
-10°	N° 14	139					N° 34	139		
-15°	N° 13	138					N° 33	139		
-20°	N° 12	138					N° 32	138		
-25°	N° 11	140					N° 31	141		
-30°							N° 30	140		
-35°							N° 29	140		
-40°							N° 28	142		
-45°							N° 27	142		
-50°							N° 26	142		
▶▶ Angled application – thin doors										
15°	N° 117	145			N° 113	145				
10°	N° 116	145			N° 112	145				
5°	N° 115	144			N° 111	145				
-5°	N° 114	144			N° 110	144				
▶▶ Angled application – glass door										
CRISTALLO angled application										
15°	N° 105	147			N° 102	147				
10°	N° 104	147			N° 101	147				
5°	N° 103	146			N° 100	147				
-5°	N° 106	146			N° 107	146				
Angled hinge for glass doors										
50°	N° 76	149			N° 68	149				
45°	N° 75	148			N° 67	148				
40°	N° 74	148								
5°	N° 70	151			N° 63	151				
-5°	N° 69	151			N° 62	151				
▶▶ Angled application – frame door										
Angled hinge with mini boss										
50°	N° 99	153	N° 91	153	N° 83	153				
45°	N° 98	152	N° 90	153	N° 82	153				
40°	N° 97	152	N° 89	152						
5°	N° 93	155	N° 85	155	N° 78	155				
-5°	N° 92	155	N° 84	155	N° 77	155				

Description	Material	Adjustment	Height (mm)						
►► Mounting plates									
Horizontal cam mounting plate	20/32 Steel	Cam	±2	156		156	157	157	
Horizontal cam mounting plate for dual application	20/32 Steel	Cam	±2				157		
INSERTA cruciform mounting plate	37/32 Steel	Cam	±2		158				
Cruciform cam mounting plate	37/32 Steel	Cam	±2	158		158			
Cruciform cam mounting plate for twin application	37/32 Steel	Cam	±2			158			
Cruciform mounting plate	37/32 Zinc	Screws (two-part)	±2	159			159		
Cruciform mounting plate	37/32 Steel	Elongated hole	±2			159			
Cruciform mounting plate	37/32 Steel	Elongated hole	±3	159			160		160
Cruciform mounting plate for twin application	37/32 Steel	Elongated hole	±3				160		
Cruciform mounting plate	28/32 Steel	Elongated hole	±3				160		
Cruciform mounting plate	37/32 Zinc	Elongated hole	±3				161		
►► Angled spacers									
+5° obtuse angled spacer	37/32 Zinc			162					
-5° acute angled spacer	37/32 Zinc			162					

Number of Hinges



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

Hinge systems

+45° I – angled hinge half overlay



- For corner cabinets with set back fronts
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- +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

Webcode

DQDR9A

Page instructions

WA	Angle		
	40°	45°	50°
N° 23	N° 24	N° 25	
	123	125	123
N° 108	N° 53	N° 54	
	126	123	123
N° 8	N° 9	N° 10	
	126	125	125
N° 43	N° 44	N° 45	
	126	127	127
N° 109	N° 60	N° 61	
	127	123	123

Overview – angled applications

WA Angled application

120

Order information

Boss		INSERTA		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI ONS		79B9698
●	With spring	NI	Nickel plated	
○	Unsprung	ONS	Onyx black	

Boss		Screw-on		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI		79B9658
CLIP top	○	NI		78A9658.T

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI ONS	70.1553
Stamped	Blum	NI	70.1553.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 door.

Page instructions

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Accessories – general	166		

Assembly, removal and adjustment

Short-URL

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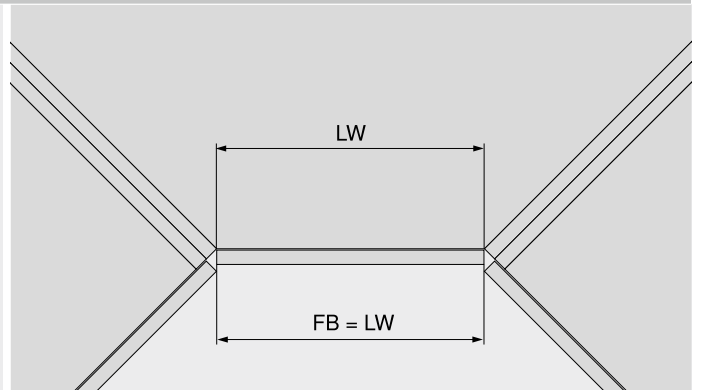
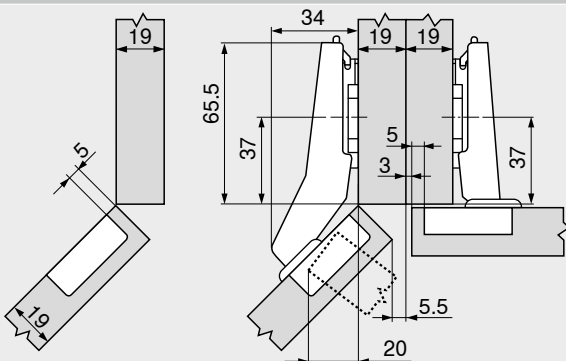


Planning

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

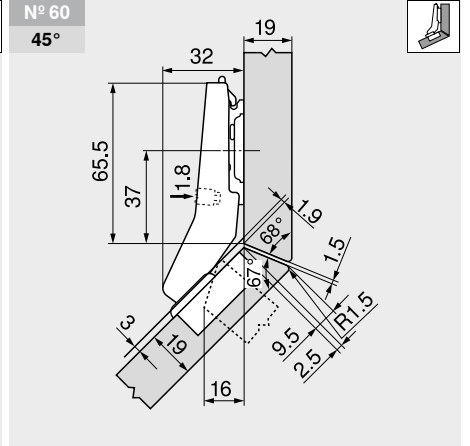
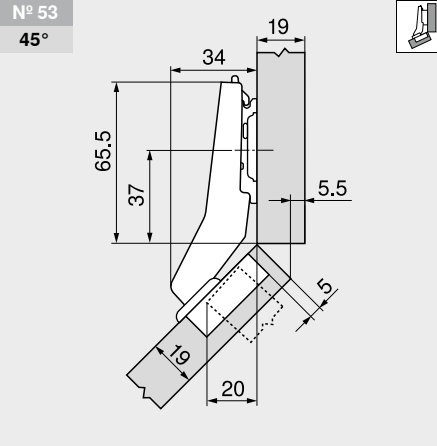
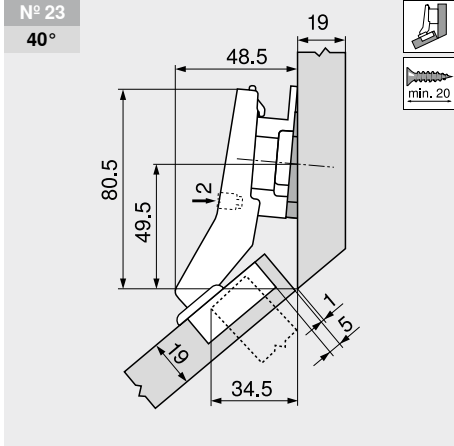


FB Front width
LW Internal cabinet width

+45° I – angled hinge half overlay

Webcode
 DQDR9A

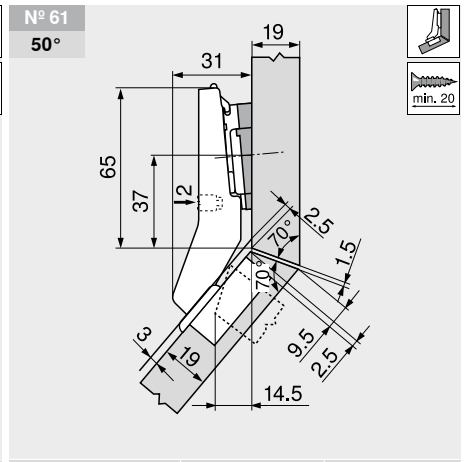
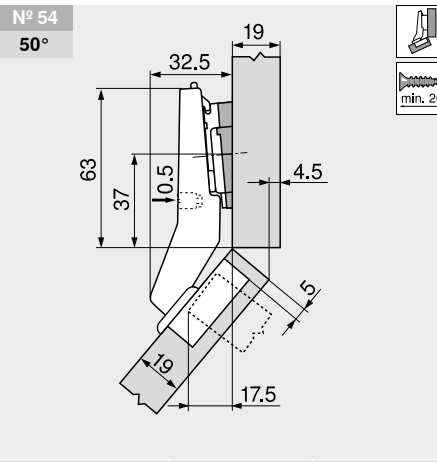
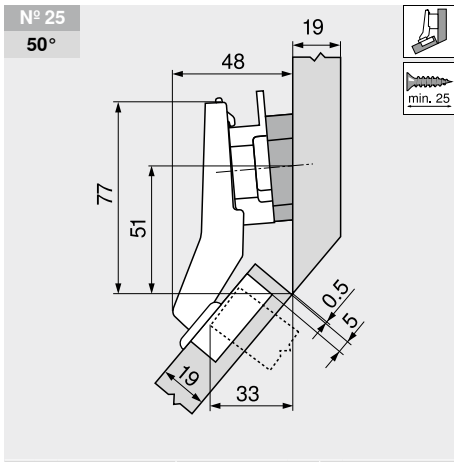
Planning



Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190
Angled spacer	-5°	171A5500

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100

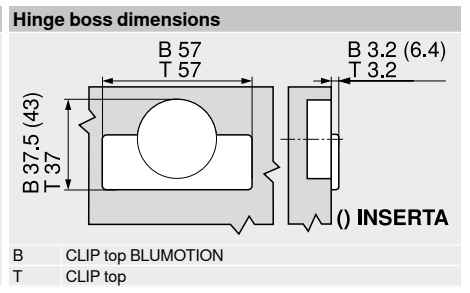
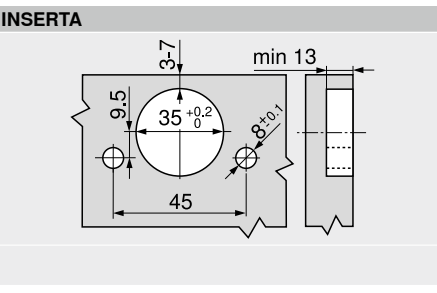
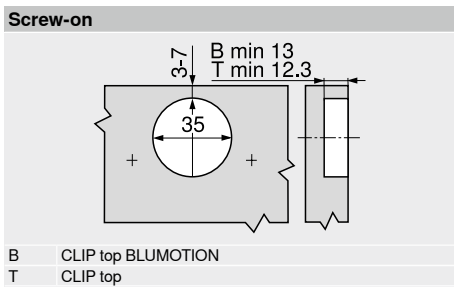
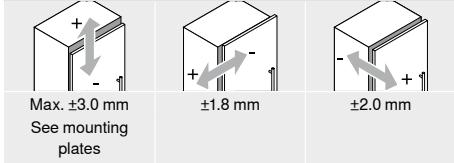


Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190
Angled spacer	+5° 3 x	171A5070

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

Adjustment



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

+45° II – angled hinge overlay



- For corner cabinets with flush fronts
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- +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

Webcode

DQDRYM

Page instructions

WA	Angle		
	40°	45°	50°
	N° 23	N° 24	N° 25
	123	125	123
	N° 108	N° 53	N° 54
	126	123	123
	N° 8	N° 9	N° 10
	126	125	125
	N° 43	N° 44	N° 45
	126	127	127
	N° 109	N° 60	N° 61
	127	123	123

Overview – angled applications	120
WA Angled application	

Order information

Boss		INSERTA	
Hinge	Spring	Colour	Part no.
CLIP top BLUMOTION	●	NI ONS	79B3598
● With spring		NI Nickel plated	
○ Unsprung		ONS Onyx black	

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top BLUMOTION	●	NI	79B3558
CLIP top	○	NI	78T5550

Accessories			
Hinge arm cover cap		Hinge boss 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 door.

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Accessories – general	166		

Assembly, removal and adjustment

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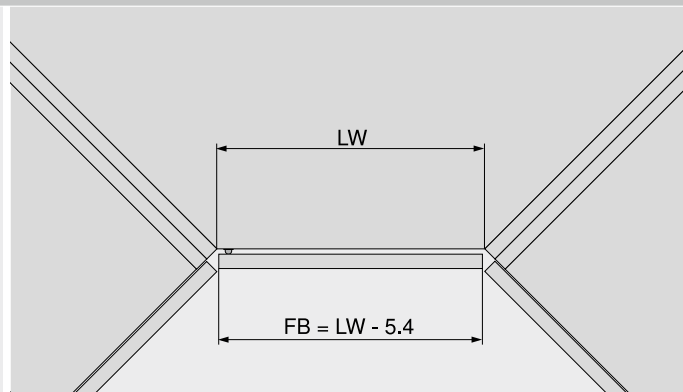
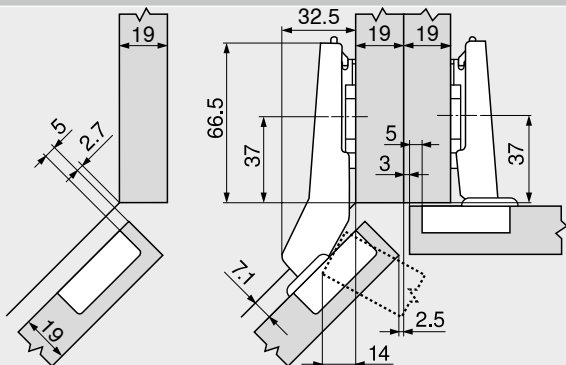


Planning

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

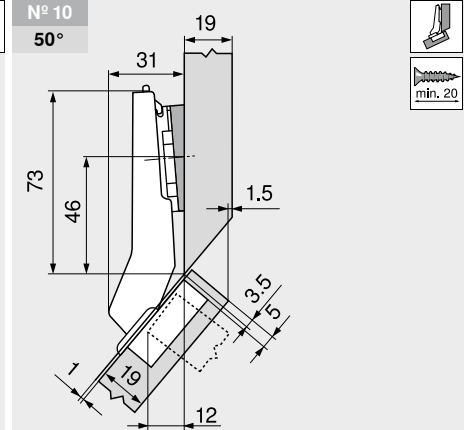
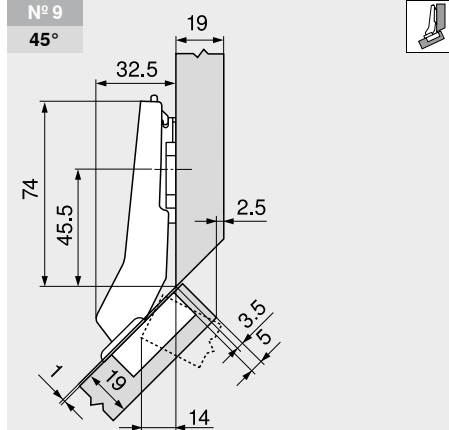
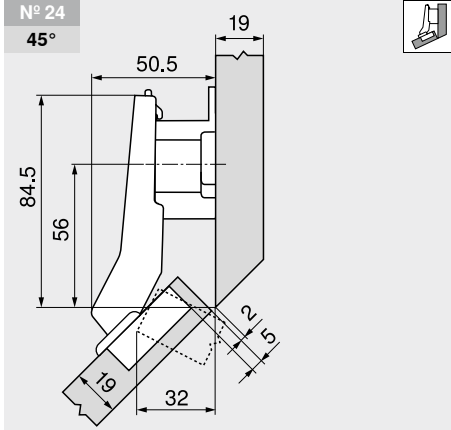


FB Front width
LW Internal cabinet width

+45° II – angled hinge overlay

Webcode
 DQDRYM

Planning

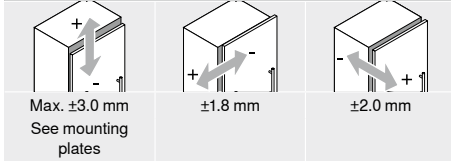


Description	Spacing (mm)	Part no.
Mounting plate	18	175H7190.22

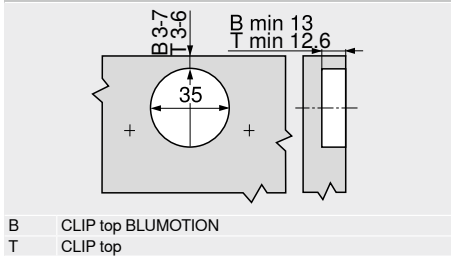
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

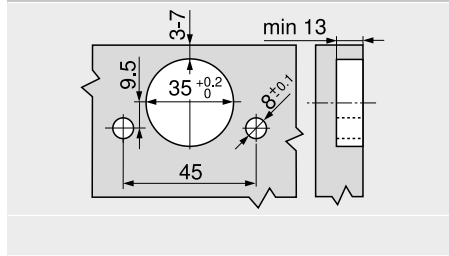
Adjustment



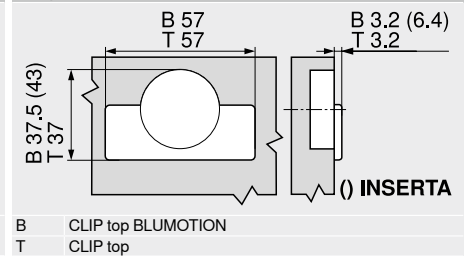
Screw-on



INSERTA



Hinge boss dimensions



+45° III – angled hinge full overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- +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

Webcode

DQDSNY

Page instructions

WA	Angle		
	40°	45°	50°
N° 23	N° 24	N° 25	
	123	125	123
N° 108	N° 53	N° 54	
	126	123	123
N° 8	N° 9	N° 10	
	126	125	125
N° 43	N° 44	N° 45	
	126	127	127
N° 109	N° 60	N° 61	
	127	123	123

Overview – angled applications	120
WA Angled application	

Order information

Boss		INSERTA		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI		79B9498
●	With spring	NI	Nickel plated	
○	Unsprung			

Boss		Screw-on		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI		79B9458
CLIP top	○	NI		78A9458.T

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

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 door.

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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.

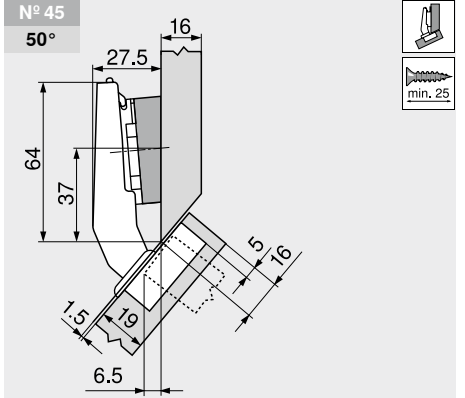
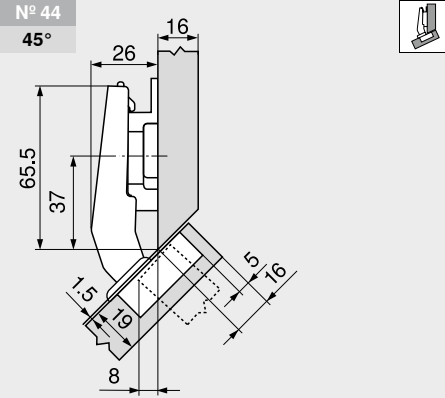
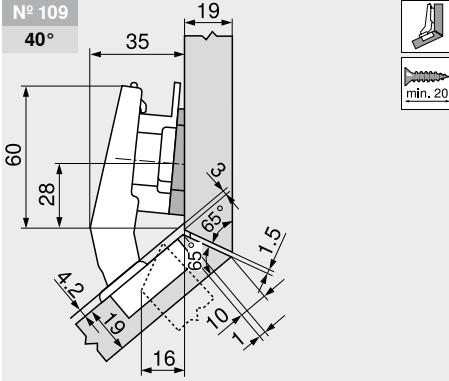
N° 108			N° 8			N° 43		
40°			40°			40°		
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190	Mounting plate	6	175H9160	Mounting plate	0	173H7100
Angled spacer	+5° 2 x	171A5040	Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500

The angle wedge is installed rotated by 180° (arrow points to the cabinet!)

+45° III – angled hinge full overlay

Webcode
 DQDSNY

Planning



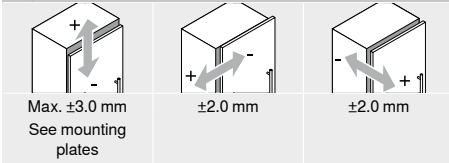
Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190
Angled spacer	+5°	171A5010

The angle wedge is installed rotated by 180° (arrow points to the cabinet)!

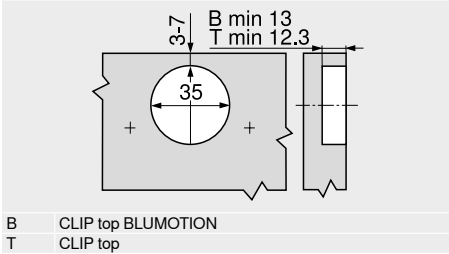
Description	Spacing (mm)	Part no.
Mounting plate	6	175H9160

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	3 x 171A5070

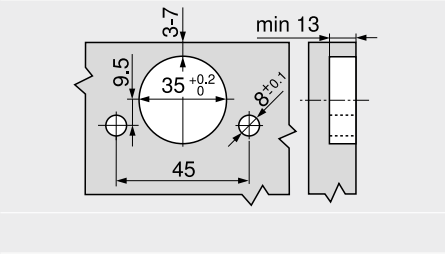
Adjustment



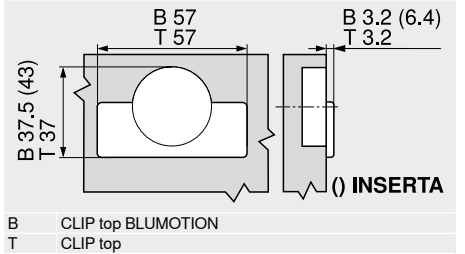
Screw-on



INSERTA



Hinge boss dimensions



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

+30° II – angled hinge overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- +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°
	N° 20	N° 21	N° 22
	128	129	129
	N° 50	N° 51	N° 52
	128	129	129
	N° 5	N° 6	N° 7
	133	129	129
	N° 40	N° 41	N° 42
	130	130	130
	N° 57	N° 58	N° 59
	128	129	129

Overview – angled applications	120
WA Angled application	

Order information

Boss		INSERTA		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI ONS	79B9596	
●	With spring	NI	Nickel plated	
○	Unsprung	ONS	Onyx black	

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	79B9556	
CLIP top	○	NI	78A9556.T	

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI ONS	70.1553
Stamped	Blum	NI	70.1553.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 door.

Page instructions

Overview – CLIP top BLUMOTION CLIP top – hinges	75	Overview – TIP-ON for doors	185
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Accessories – hinge arm cover cap	164	More technical details	662
Accessories – general	166		

Assembly, removal and adjustment

Short-URL www.blum.com/a210

Planning

Note

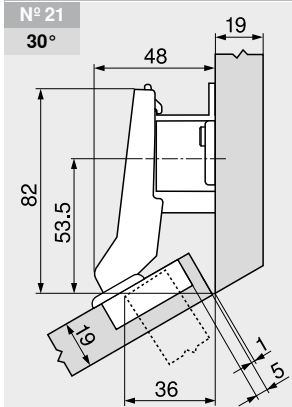
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

N° 20 25°			N° 50 25°			N° 57 25°		
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190	Mounting plate	0	173H7100	Mounting plate	0	173H7100
Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500

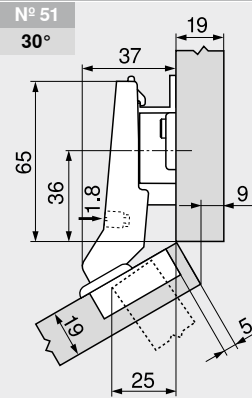
+30° II – angled hinge overlay

Webcode
 DQDTDA

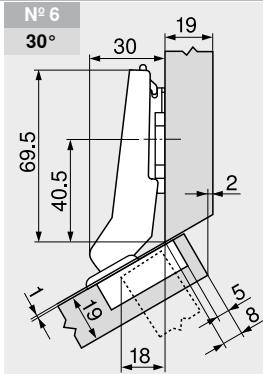
Planning



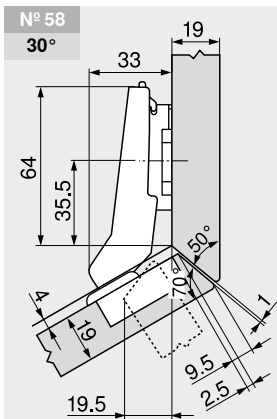
Description	Spacing (mm)	Part no.
Mounting plate	18	175H7190.22



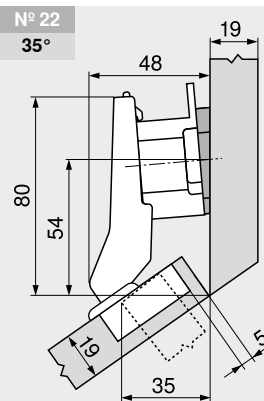
Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190



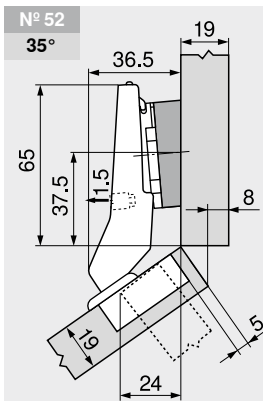
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100



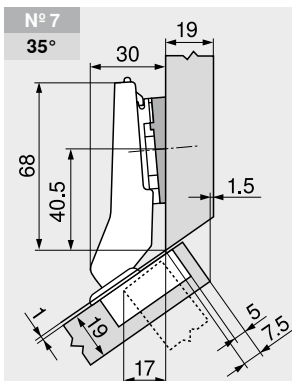
Description	Spacing (mm)	Part no.
Mounting plate	3	173H7130



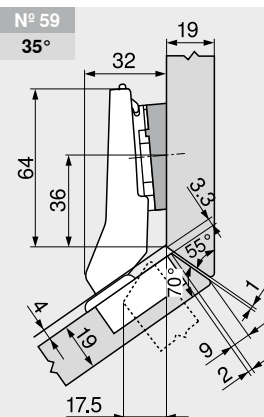
Description	Spacing (mm)	Part no.
Mounting plate	18	175H7190.22
Angled spacer	+5°	171A5010



Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	3 x 171A5070

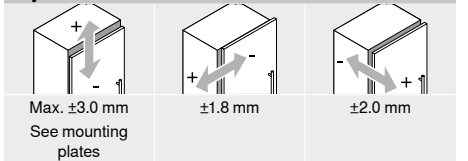


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010



Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	2 x 171A5040

Adjustment



Page instructions

Hinge boss fixing

131

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

+30° III – angled hinge full overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- +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

Webcode

DQDU2M

Page instructions

WA	Angle		
	25°	30°	35°
	N° 20	N° 21	N° 22
	128	129	129
	N° 50	N° 51	N° 52
	128	129	129
	N° 5	N° 6	N° 7
	133	129	129
	N° 40	N° 41	N° 42
	130	130	130
	N° 57	N° 58	N° 59
	128	129	129

Overview – angled applications	120
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

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

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 door.

Page instructions

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Accessories – general	166		

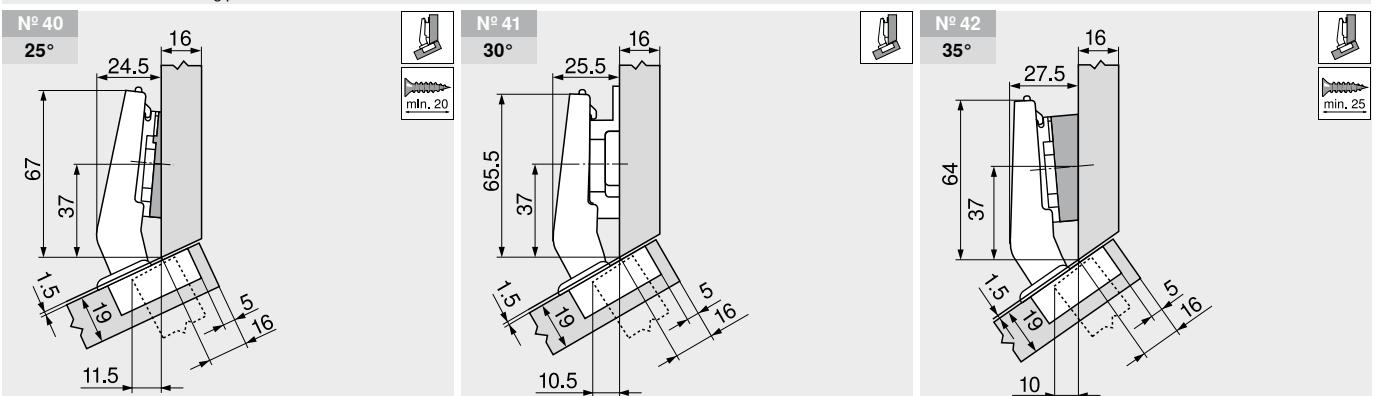
Assembly, removal and adjustment

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.



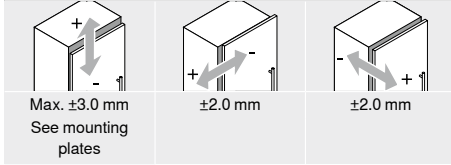
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100	Mounting plate	6	175H9160	Mounting plate	0	173H7100
Angled spacer	-5°	171A5500				Angled spacer	+5° 3 x	171A5070

+30° III – angled hinge full overlay

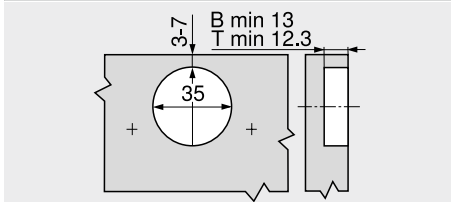
Webcode
 DQDU2M

Planning

Adjustment

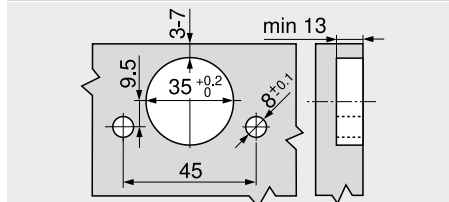


Screw-on

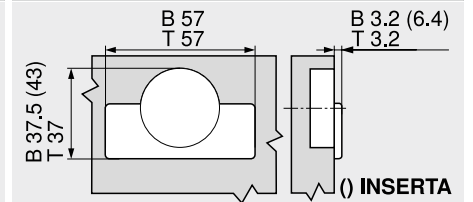


B CLIP top BLUMOTION
 T CLIP top

INSERTA



Hinge boss dimensions



B CLIP top BLUMOTION
 T CLIP top

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

+20° II – angled hinge overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- +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°
N° 18	N° 19	N° 20	
	132	133	128
N° 48	N° 49	N° 50	
	132	133	128
N° 3	N° 4	N° 5	
	135	133	133
N° 38	N° 39	N° 40	
	135	135	130
N° 55	N° 56	N° 57	
	132	133	128

Overview – angled applications	120
WA Angled application	

Order information

Boss		INSERTA		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI		79B9595
● With spring		NI	Nickel plated	
○ Unsprung				

Boss		Screw-on		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI		79B9555
CLIP top	○	NI		78A9555.T

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

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 door.

Page instructions

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Assembly, removal and adjustment

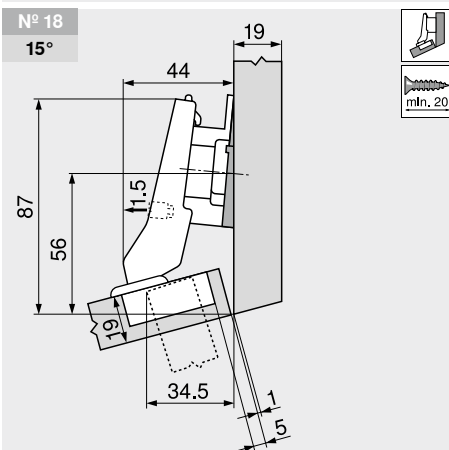
Short-URL
www.blum.com/a210



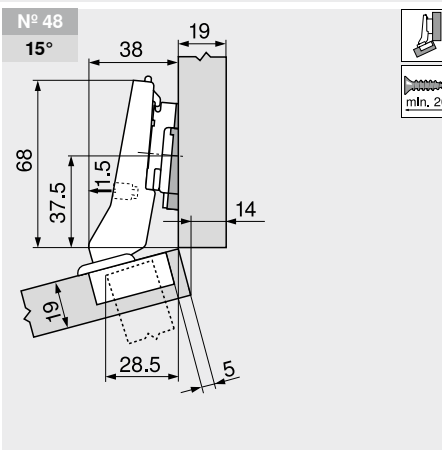
Planning

Note

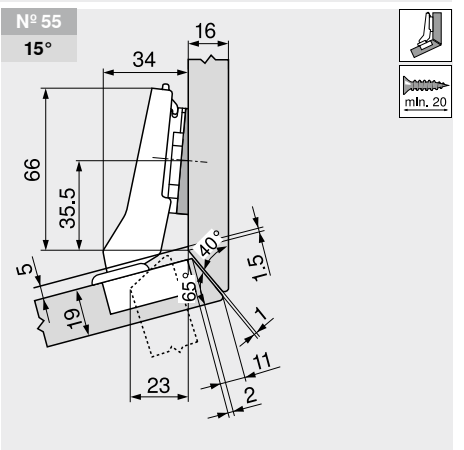
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.



Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190
Angled spacer	-5°	171A5500



Description	Spacing (mm)	Part no.
Mounting plate	3	173H7130
Angled spacer	-5°	171A5500

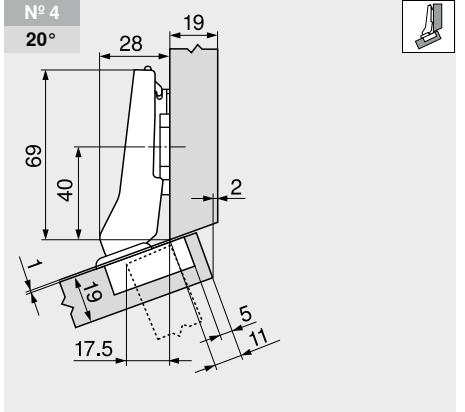
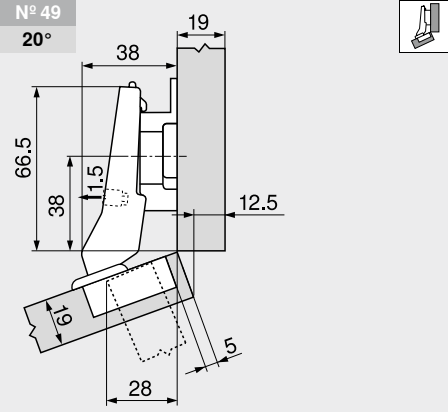
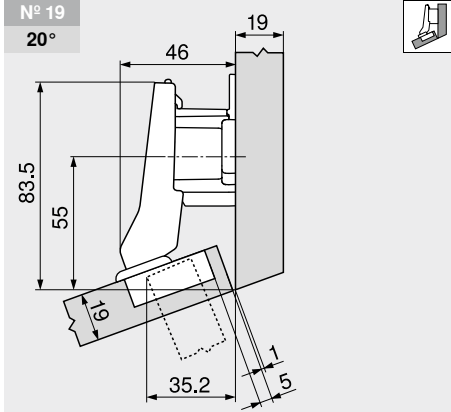


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

+20° II – angled hinge overlay

Webcode
 DQDURY

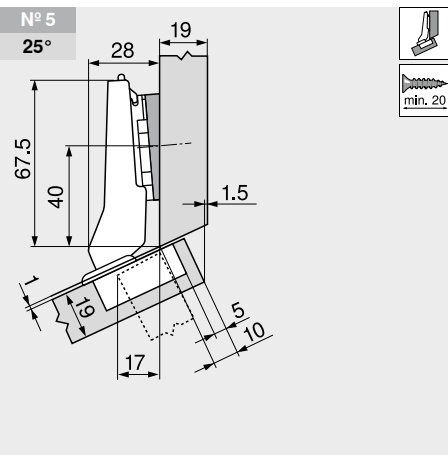
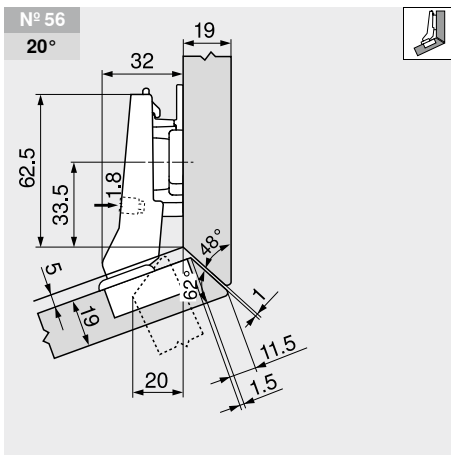
Planning



Description	Spacing (mm)	Part no.
Mounting plate	18	175H7190.22

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

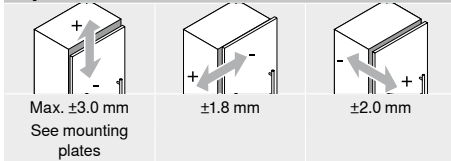
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100



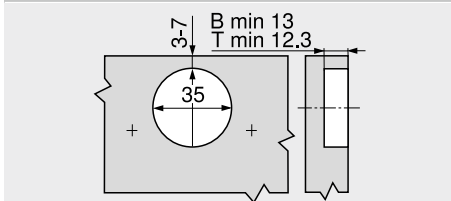
Description	Spacing (mm)	Part no.
Mounting plate	6	175H9160

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

Adjustment

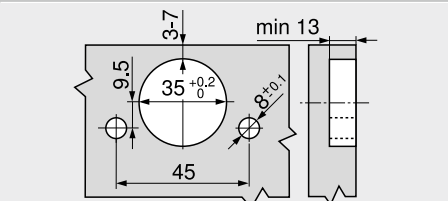


Screw-on

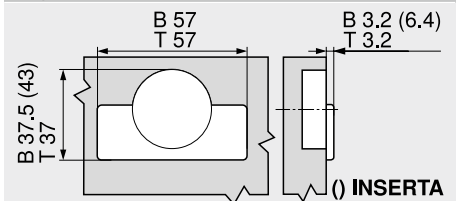


B CLIP top BLUMOTION
 T CLIP top

INSERTA



Hinge boss dimensions



B CLIP top BLUMOTION
 T CLIP top

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

+15° III – angled hinge full overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- +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°
	N° 17	N° 18	N° 19
	134	132	133
	N° 47	N° 48	N° 49
	134	132	133
	N° 2	N° 3	N° 4
	134	135	133
	N° 37	N° 38	N° 39
	135	135	135
		N° 55	N° 56
		132	133

Overview – angled applications	120
WA Angled application	

Order information

Boss		INSERTA		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI ONS		79B9494
●	With spring	NI	Nickel plated	
○	Unsprung	ONS	Onyx black	

Boss		Screw-on		Part no.
Hinge	Spring	Colour		
CLIP top BLUMOTION	●	NI		79B9454
CLIP top	○	NI		78A9454.T

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI ONS	70.1553
Stamped	Blum	NI	70.1553.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 door.

Page instructions

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Accessories – hinge arm cover cap	164	More technical details	662
Accessories – general	166		

Assembly, removal and adjustment

Short-URL www.blum.com/a210

Planning

Note

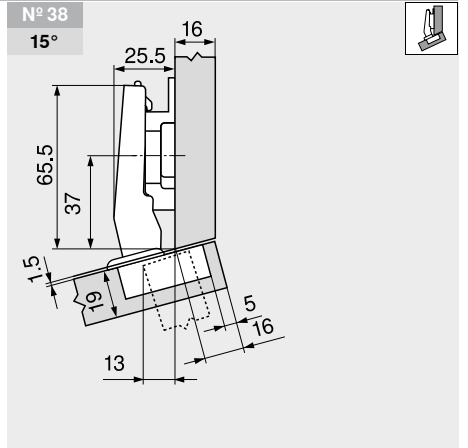
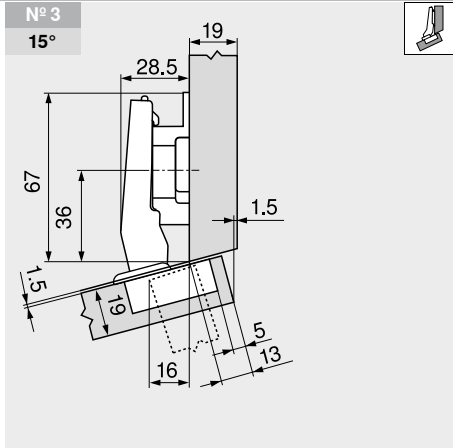
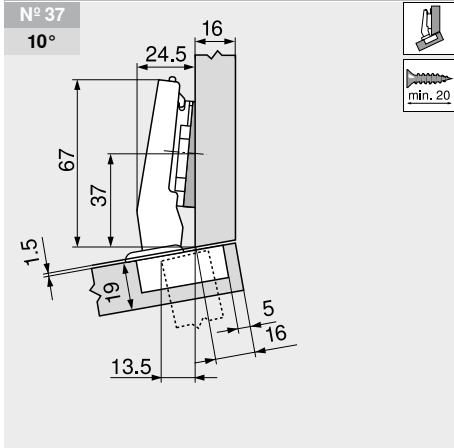
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

N° 17 10°			N° 47 10°			N° 2 10°		
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	18	175H7190.22	Mounting plate	18	175H7190.22	Mounting plate	0	173H7100
Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500

+15° III – angled hinge full overlay

Webcode
 DQDVHA

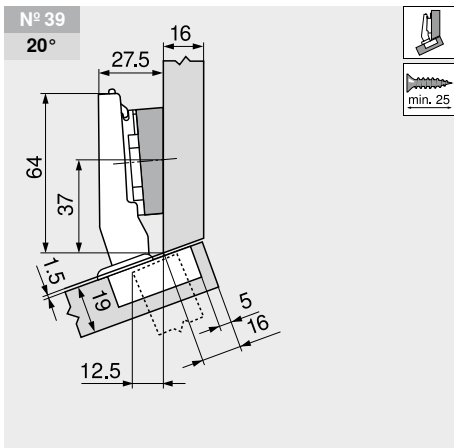
Planning



Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

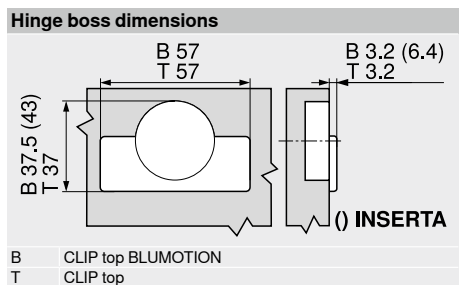
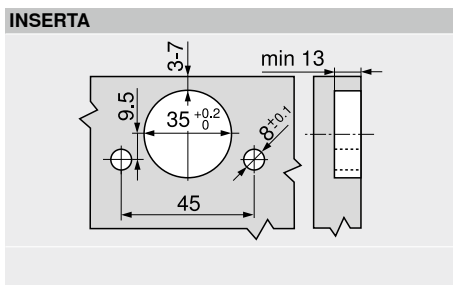
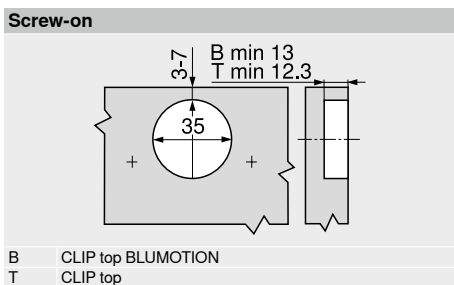
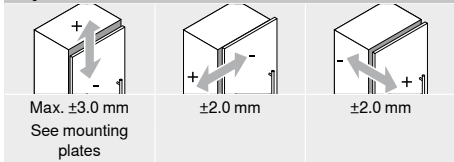
Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

Description	Spacing (mm)	Part no.
Mounting plate	6	175H9160



Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 3 x	171A5070

Adjustment



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

±5° angled application



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- ±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°
	N° 15		N° 16
	137		137
			N° 46
			137
			N° 1
			137
	N° 35		N° 36
	137		137

Overview – angled applications 120
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				

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				

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	71B9550	
CLIP top	●	NI	71T9550	
CLIP top	○	NI	70T9550.TL	

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	71B9650	
CLIP top	●	NI	71T9650	
CLIP top	○	NI	70T9650.TL	

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	71B9750	
CLIP top	●	NI	71T9750	
CLIP top	○	NI	70T9750.TL	

Accessories

Hinge arm cover cap				
Print Stamp	Logo	Colour	Part no.	
Plain	–	NI	70.1553	
Stamped	Blum	NI	70.1553.BP	

Hinge arm cover cap				
Print Stamp	Logo	Colour	Part no.	
Plain	–	NI	70.1663	
Stamped	Blum	NI	70.1663.BP	

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 door.

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	75
Mounting plates	156
Accessories – hinge arm cover cap	164
Accessories – general	166
Overview – BLUMOTION for doors	171

Overview – TIP-ON for doors	185
Overview – assembly devices	561
More technical details	662

Assembly, removal and adjustment

Short-URL
www.blum.com/a210



Planning

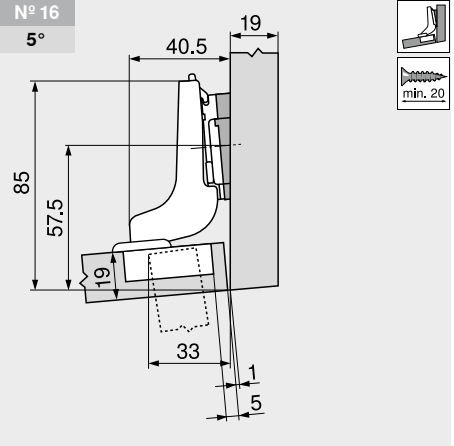
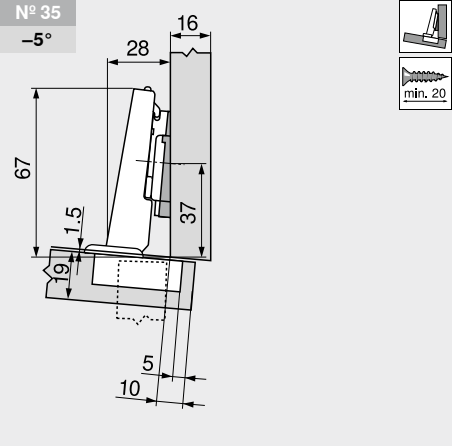
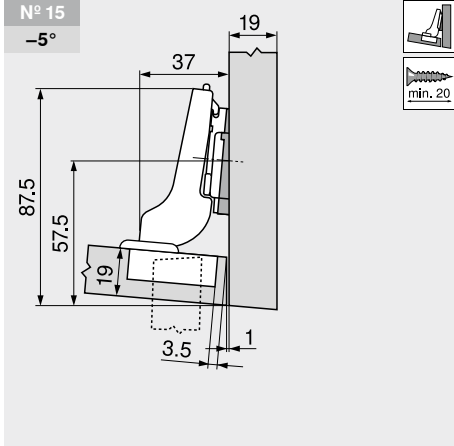
Note

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.

$\pm 5^\circ$ angled application

Webcode
 DQDW6M

Planning



Hinge with cranked hinge arm

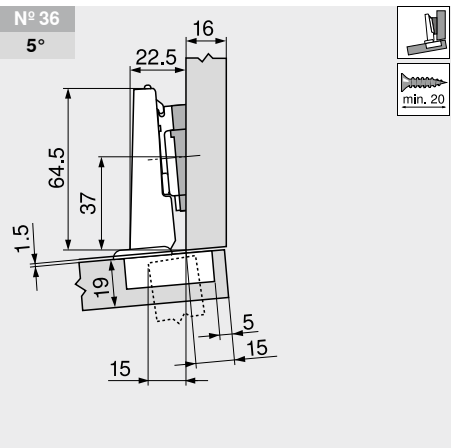
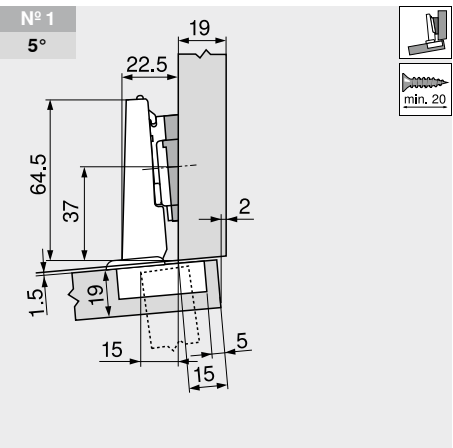
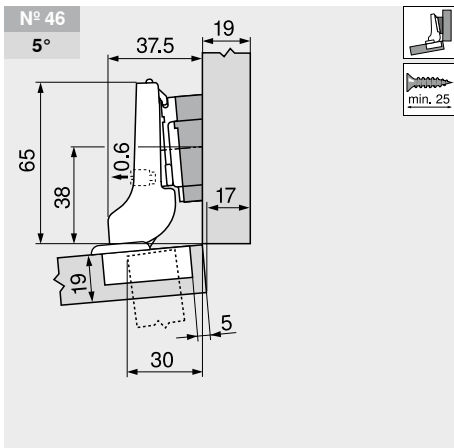
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

Hinge with straight hinge arm

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

Hinge with double cranked hinge arm

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	$+5^\circ$	171A5010



Hinge with cranked hinge arm

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	$+5^\circ$ 3 x	171A5070

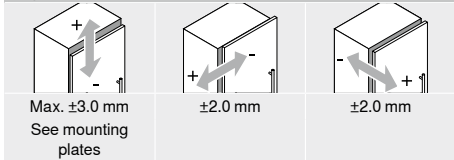
Hinge with straight hinge arm

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	$+5^\circ$	171A5010

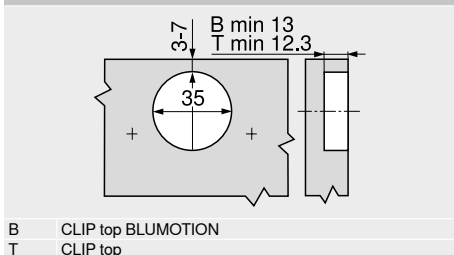
Hinge with straight hinge arm

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	$+5^\circ$	171A5010

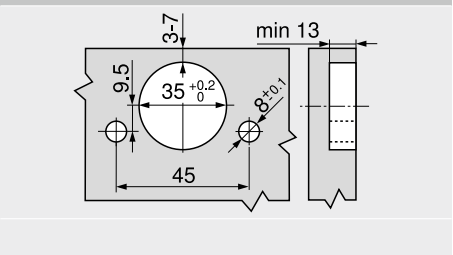
Adjustment



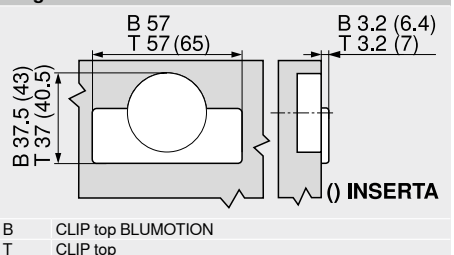
Screw-on



INSERTA



Hinge boss dimensions



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

-15° III – angled hinge full overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- -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°
	N° 12	N° 13	N° 14
	138	138	139
	N° 32	N° 33	N° 34
	138	139	139

Overview – angled applications **120**
WA Angled application

Order information

Boss		INSERTA	
Hinge	Spring	Colour	Part no.
CLIP top BLUMOTION	●	NI	79B3493
●	With spring	NI	Nickel plated
○	Unsprung		

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top BLUMOTION	●	NI	79B3453
CLIP top	○	NI	78A5453.T

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	-	NI	70.1553
Stamped	Blum	NI	70.1553.BP

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 door.

Page instructions

Overview – CLIP top BLUMOTION CLIP top – hinges	75	Overview – TIP-ON for doors	185
Mounting plates	156	Overview – assembly devices	561
Accessories – hinge arm cover cap	164	More technical details	662
Accessories – general	166		

Assembly, removal and adjustment

Short-URL
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Planning

Note

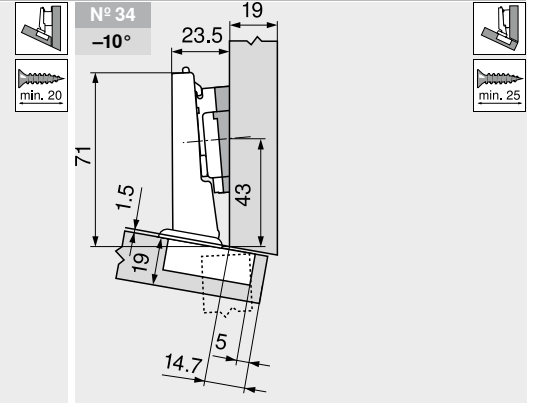
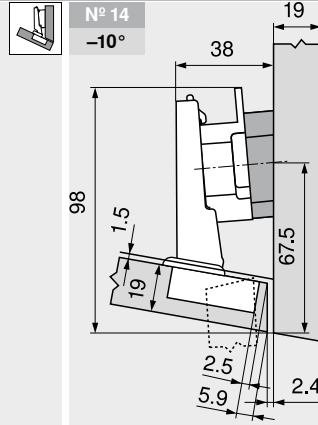
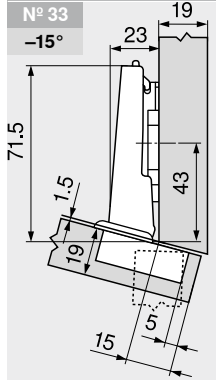
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

N° 12 -20°			N° 32 -20°			N° 13 -15°		
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	6	175H9160	Mounting plate	0	173H7100	Mounting plate	18	175H7190.22
Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500			

-15° III – angled hinge full overlay

Webcode
 DQDWVY

Planning

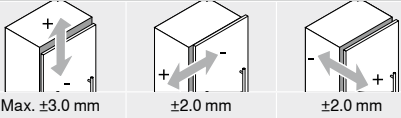


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100

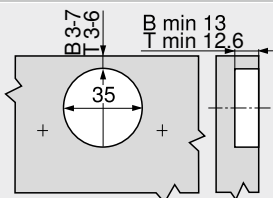
Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190
Angled spacer	+5° 3 x	171A5070

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

Adjustment

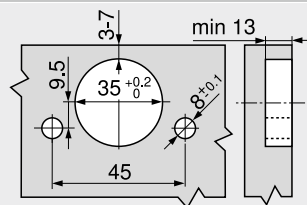


Screw-on

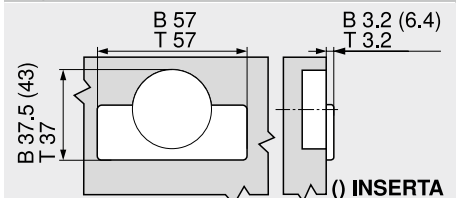


B CLIP top BLUMOTION
 T CLIP top

INSERTA



Hinge boss dimensions



B CLIP top BLUMOTION
 T CLIP top

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

-30° III – angled hinge full overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- -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°
			N° 11
			140
	N° 29	N° 30	N° 31
	140	140	141

Overview – angled applications 120
WA Angled application

Order information

Boss		INSERTA	
Hinge	Spring	Colour	Part no.
CLIP top BLUMOTION	●	NI	79B3491
● With spring		NI Nickel plated	
○ Unsprung			

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top BLUMOTION	●	NI	79B3451
CLIP top	○	NI	78A5451.T

Accessories			
Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	-	NI	70.1553
Stamped	Blum	NI	70.1553.BP

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 door.

Page instructions

Overview – CLIP top BLUMOTION CLIP top – hinges	75	Overview – TIP-ON for doors	185
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Accessories – hinge arm cover cap	164	More technical details	662
Accessories – general	166		

Assembly, removal and adjustment

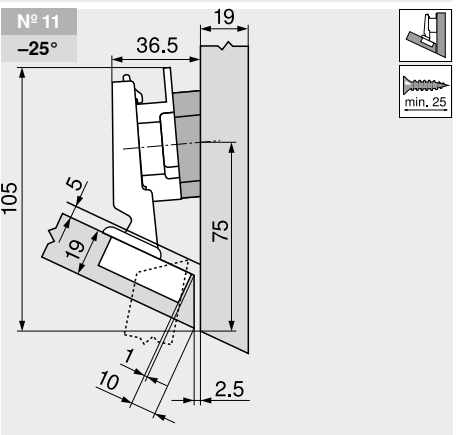
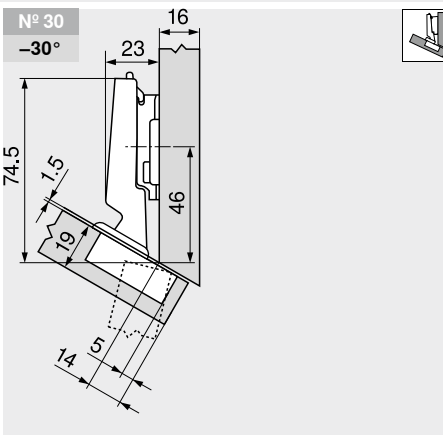
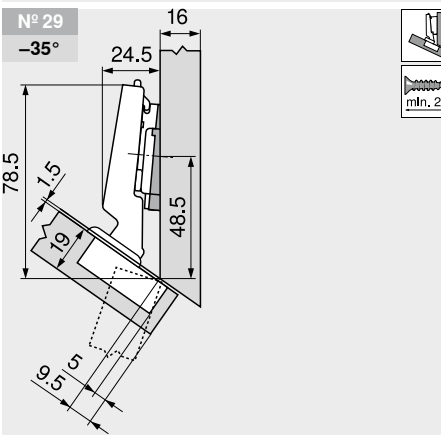
Short-URL
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Planning

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.

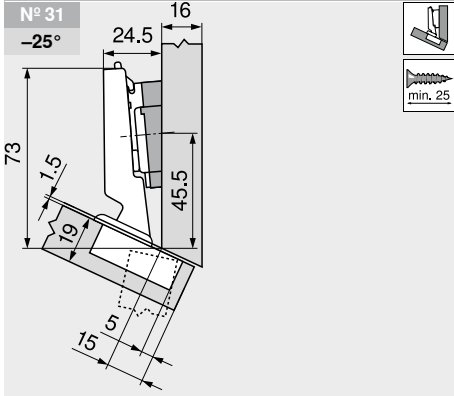


Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100	Mounting plate	3	173H7130	Mounting plate	9	175H7190
Angled spacer	-5°	171A5500				Angled spacer	+5° 3 x	171A5070

-30° III – angled hinge full overlay

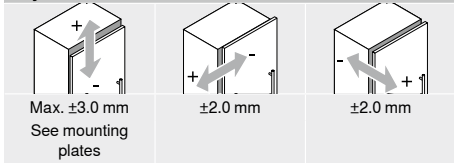
Webcode
 DQDXLA

Planning

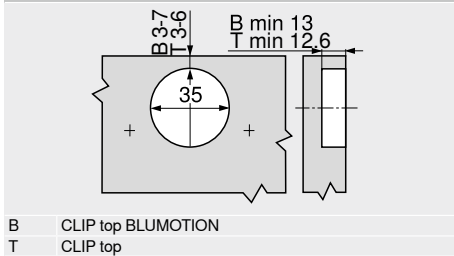


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5040

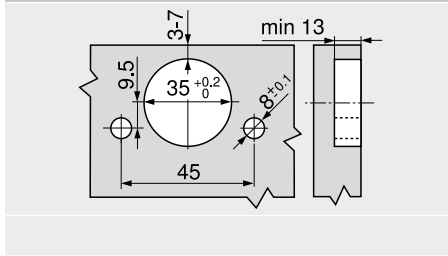
Adjustment



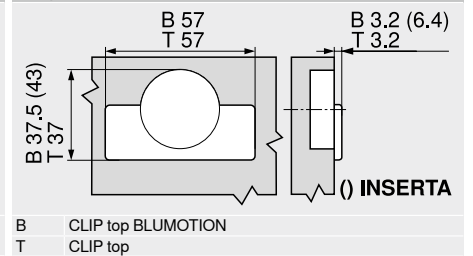
Screw-on



INSERTA



Hinge boss dimensions



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – standard

Hinge systems

-45° III – angled hinge full overlay



- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- -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°
	N° 26	N° 27	N° 28
	142	142	142

Overview – angled applications 120
WA Angled application

Order information

Boss		INSERTA		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	79B3490	
● With spring		NI Nickel plated		
○ Unsprung				

Boss		Screw-on		
Hinge	Spring	Colour	Part no.	
CLIP top BLUMOTION	●	NI	79B3450	
CLIP top	○	NI	78A5450.T	

Accessories			
Hinge arm cover cap			

Print Stamp	Logo	Colour	Part no.
Plain	-	NI	70.1553
Stamped	Blum	NI	70.1553.BP

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 door.

Page instructions

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Accessories – general	166		

Assembly, removal and adjustment

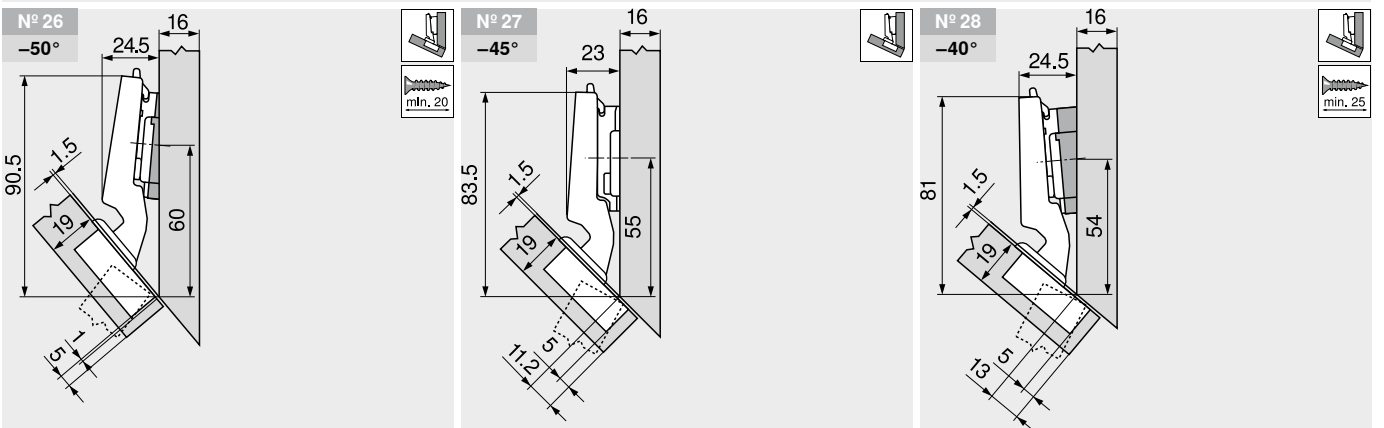
Short-URL
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Planning

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.



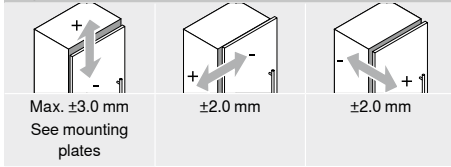
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100	Mounting plate	3	173H7130	Mounting plate	0	173H7100
Angled spacer	-5°	171A5500				Angled spacer	+5° 2 x	171A5040

–45° III – angled hinge full overlay

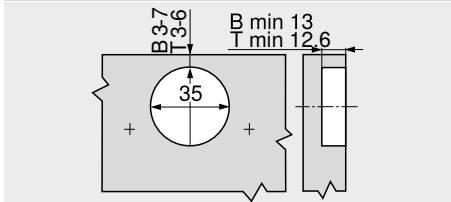
Webcode
 DQDYAM

Planning

Adjustment

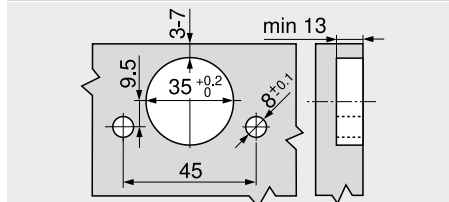


Screw-on

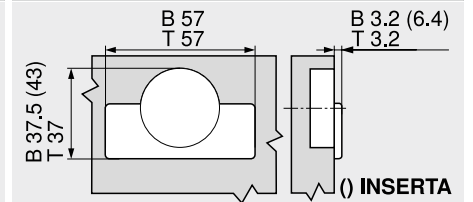


B CLIP top BLUMOTION
 T CLIP top

INSERTA



Hinge boss dimensions



B CLIP top BLUMOTION
 T CLIP top



- ▶ 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 shelves)
- 110° opening angle
- 3-dimensional front adjustment
- Tool-free door to cabinet assembly and removal

Page instructions

WA	Angle		WA	Angle		
	-5°	5°		10°	15°	
	N° 114		N° 115	N° 116	N° 117	
	144		144	145	145	
	N° 110		N° 111	N° 112	N° 113	
	144		145	145	145	
Overview – angled applications					120	
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		

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 boss cover cap		
Hinge	Colour	Part no.
CLIP top BLUMOTION	NI	70T4504
CLIP top	NI	70T4504

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.

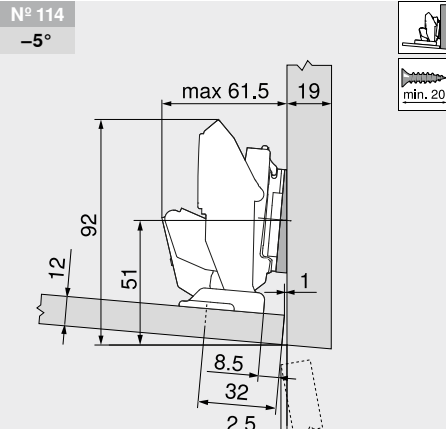
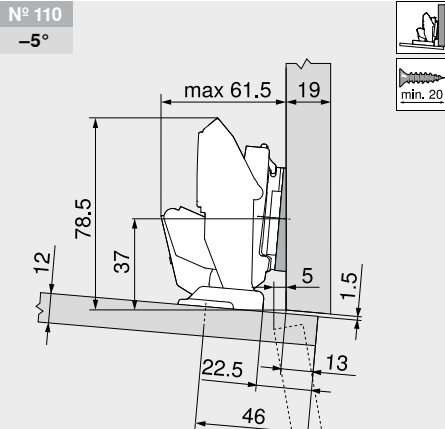
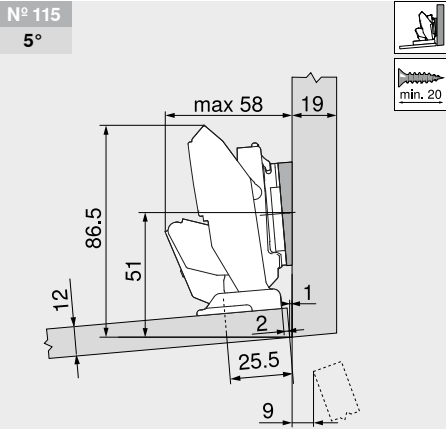
Page instructions

Overview – CLIP top BLUMOTION CLIP top – hinges	75	Fixing system for thin fronts – EXPANDO T	554	Assembly, removal and adjustment  Short-URL www.blum.com/a210
Overview – BLUMOTION for doors	171	Assembly recommendation and limitation of liability – EXPANDO T	555	
Overview – TIP-ON for doors	185	Accessories – general	166	
Mounting plates	156			

Planning

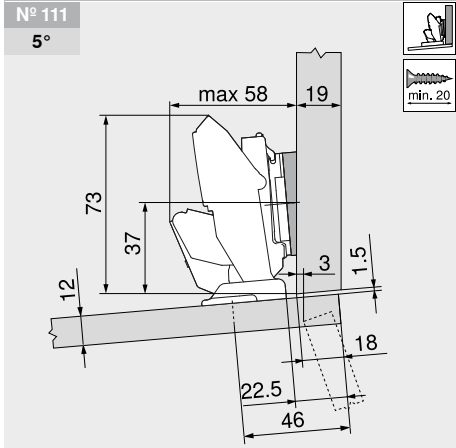
Note

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.

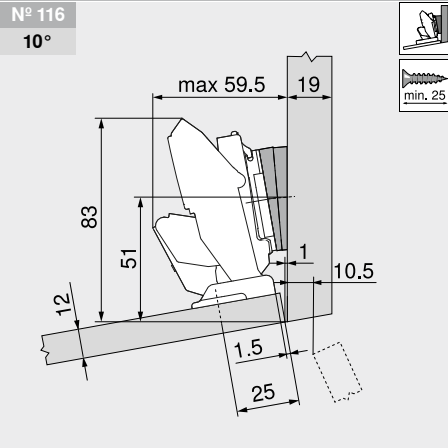
N° 114 -5°			N° 110 -5°			N° 115 5°		
								
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100	Mounting plate	0	173H7100	Mounting plate	0	173H7100
Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500	Angled spacer	+5°	171A5010

Hinge for thin doors – angled application

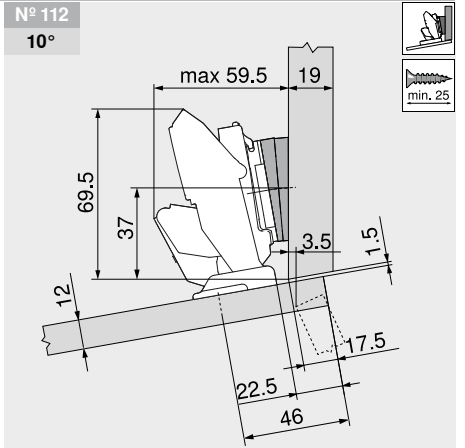
Planning



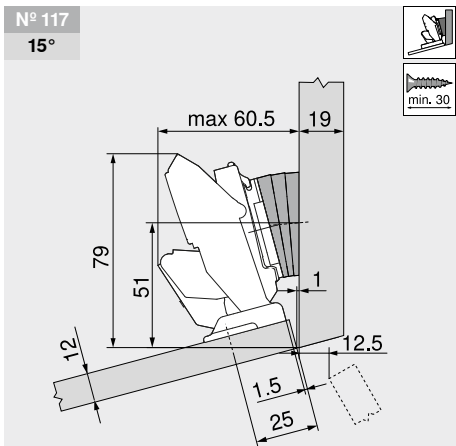
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010



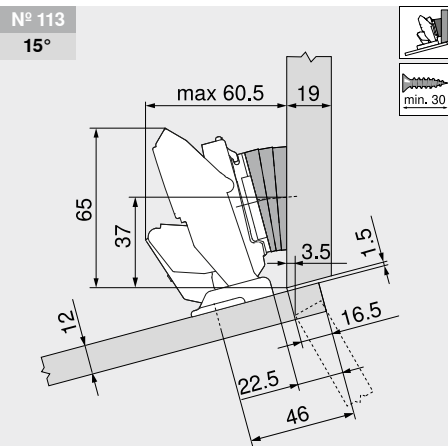
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 2 x	171A5010



Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 2 x	171A5010

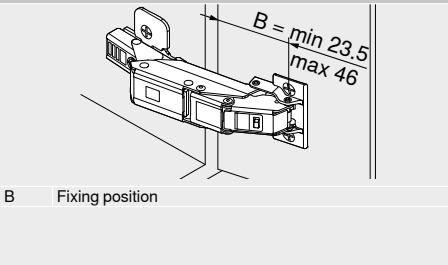
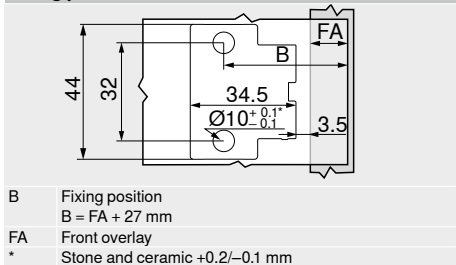


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 3 x	171A5010

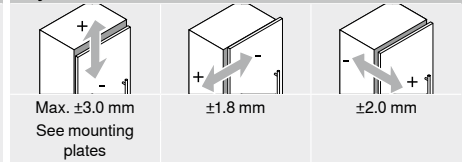


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 3 x	171A5010

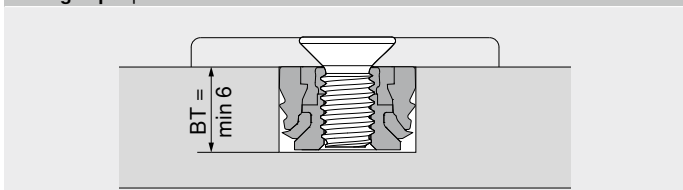
Fixing position



Adjustment



Drilling depth | screw selection – EXPANDO T



BT	Drilling depth



- ▶ 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	WA	Angle		
	-5°		5°	10°	15°
	N° 106		N° 103	N° 104	N° 105
	146		146	147	147
	N° 107		N° 100	N° 101	N° 102
	146		147	147	147
Overview – angled applications					120
WA Angled application					

Order information

Boss	<input type="checkbox"/> 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			

Accessories		
	<input type="checkbox"/>	TIP-ON for doors
Version	Spring	Part no.
Short version	○	956.1004
Extended version	○	956A1004
Extended version	●	956A1006

<input type="checkbox"/> Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.4503
Stamped	Blum	NI	70.4503.BP

<input type="checkbox"/> CRISTALLO adhesion plate		
Glue-on		
Front material	Colour	Part no.
Glass mirror	Matt-nickel plated	70T4568C
Mirror	Special nickel plated	70T4568C

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

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Overview – TIP-ON for doors	185
Overview – BLUMOTION for doors	171
Limitation of liability	108

Distance	109
Mounting plates	156
Accessories – hinge arm cover cap	164

Assembly, removal and adjustment

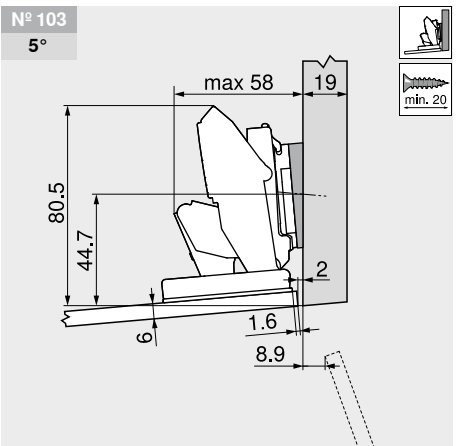
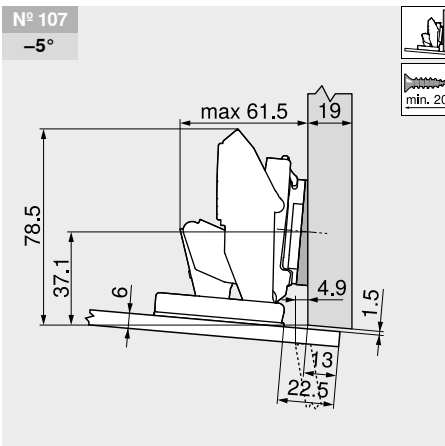
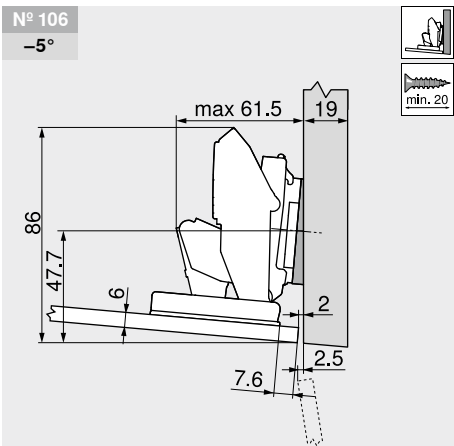
Short-URL
www.blum.com/a210



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.



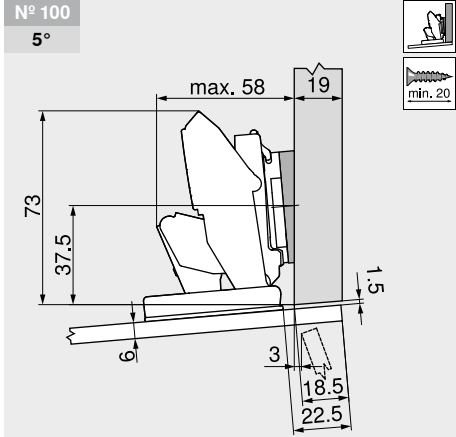
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

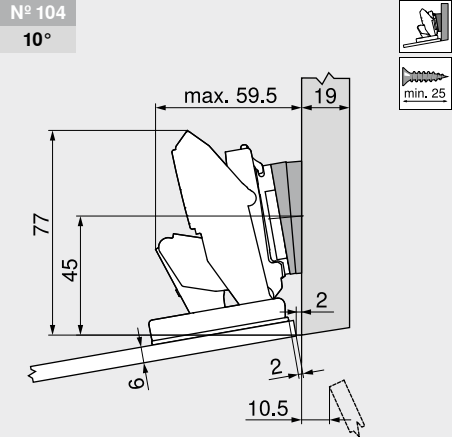
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

CRISTALLO angled application

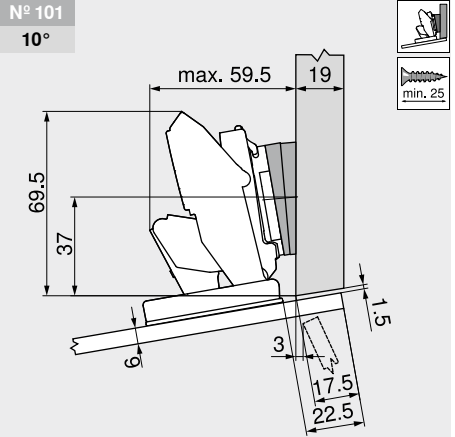
Planning



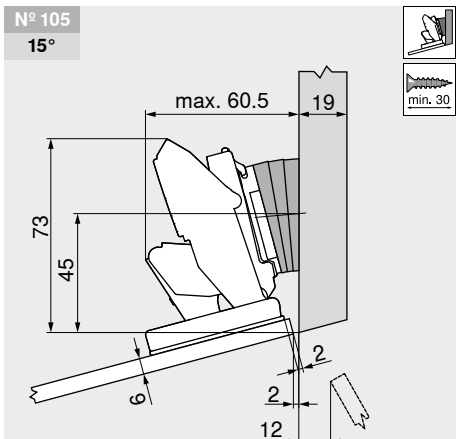
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010



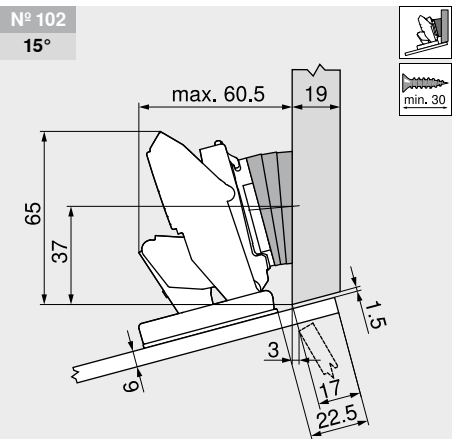
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 2 x	171A5010



Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 2 x	171A5010

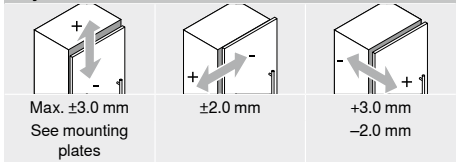


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 3 x	171A5010



Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5° 3 x	171A5010

Adjustment



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – glass door

Hinge systems

+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°
	N° 74	N° 75	N° 76
	148	148	149
		N° 67	N° 68
		148	149

Overview – angled applications **120**
WA Angled application

Order information

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top	●	NI	79A4108.T
● With spring		NI	Nickel plated

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
S Black	G Gold plated
CR Chrome plated	NI-M Matt nickel

Accessories

BLUMOTION 970A	
Version	Part no.
For drilling	970A1002

Accessories

TIP-ON for doors		
Version	Spring	Part no.
Extended version	●	956A1006

Accessories

Hinge arm cover cap			
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Page instructions

Overview – CLIP top BLUMOTION CLIP top – hinges	75	Overview – BLUMOTION for doors	171
Mounting plates	156	Overview – assembly devices	561
Accessories – hinge arm cover cap	164	More technical details	662
Accessories – general	166		

Assembly, removal and adjustment

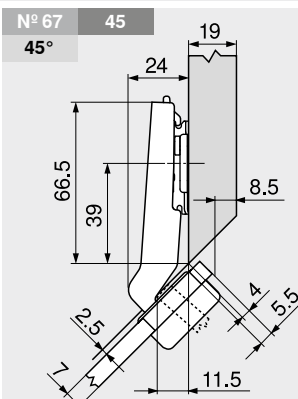
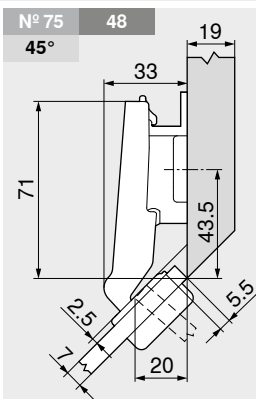
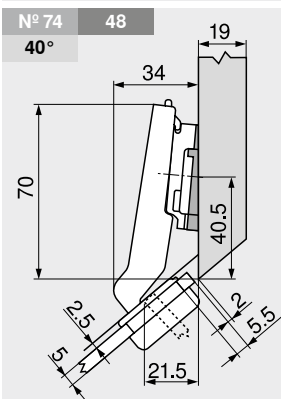


Short-URL
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Planning

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.



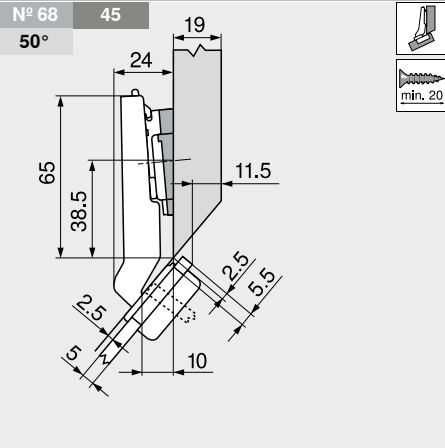
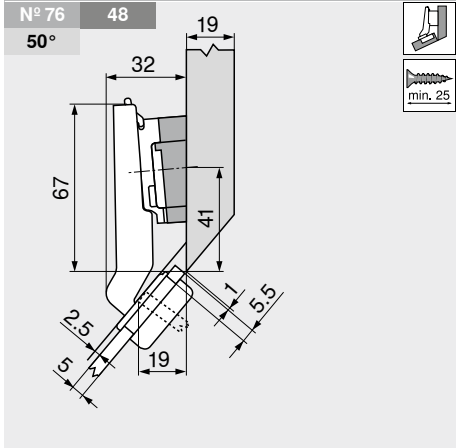
Description	Spacing (mm)	Part no.
Mounting plate	3	173H7130
Angled spacer	-5°	171A5500

Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100

+45° angled hinge for glass doors

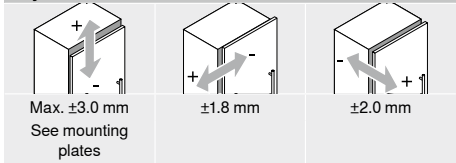
Planning



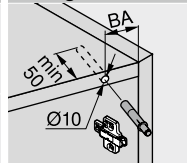
Description	Spacing (mm)	Part no.
Mounting plate	3	173H7130
Angled spacer	+5° 3 x	171A5070

Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

Adjustment



Drilling distance BA – BLUMOTION 970A1002



N° XX	Number of the angled application
XX	Drilling distance BA (mm)
XX°	Angle of application (°)

Page instructions

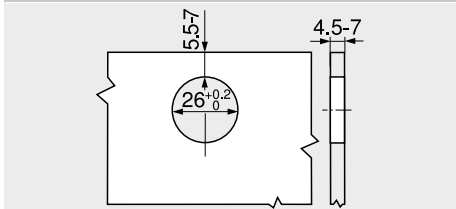
Assembly, removal and adjustment



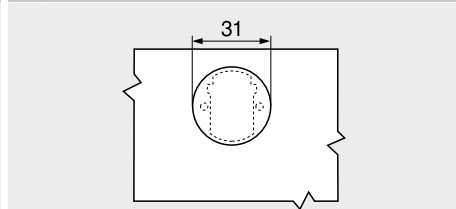
Short-URL

www.blum.com/a220

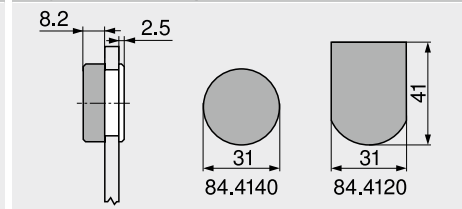
Screw-on



Hinge boss dimensions



Hinge boss cover cap



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled application – glass door

Hinge systems

±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°
	N° 69		N° 70
	151		151
	N° 62		N° 63
	151		151

Overview – angled applications **120**
WA Angled application

Order information

Overlay application

Boss		Screw-on		Part no.
Hinge	Spring	Colour		
CLIP top	●	NI		75T4100
● With spring		NI	Nickel plated	

Hinge boss cover cap		Part no.
Colour		
S G CR NI-M		84.4120
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Hinge boss cover cap		Part no.
Colour		
S G CR NI-M		84.4140
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Accessories		Part no.
Version		
For drilling	BLUMOTION 970A	970A1002

Hinge arm cover cap		Part no.
Print Stamp	Logo Colour	
Plain	– NI	70.1553
Stamped	Blum NI	70.1553.BP

Dual application

Boss		Screw-on		Part no.
Hinge	Spring	Colour		
CLIP top	●	NI		75T4200
● With spring		NI	Nickel plated	

Hinge boss cover cap		Part no.
Colour		
S G CR NI-M		84.4120
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Hinge boss cover cap		Part no.
Colour		
S G CR NI-M		84.4140
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Accessories		Part no.
Version		
For drilling	BLUMOTION 970A	970A1002

Hinge arm cover cap		Part no.
Print Stamp	Logo Colour	
Plain	– NI	70.1553
Stamped	Blum NI	70.1553.BP

Inset application

Boss		Screw-on		Part no.
Hinge	Spring	Colour		
CLIP top	●	NI		75T4300
● With spring		NI	Nickel plated	

Hinge boss cover cap		Part no.
Colour		
S G CR NI-M		84.4120
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Hinge boss cover cap		Part no.
Colour		
S G CR NI-M		84.4140
S Black	G Gold plated	
CR Chrome plated	NI-M Matt nickel	

Accessories		Part no.
Version		
For drilling	BLUMOTION 970A	970A1002

Hinge arm cover cap		Part no.
Print Stamp	Logo Colour	
Plain	– NI	70.1553
Stamped	Blum NI	70.1553.BP

Accessories – general

TIP-ON for doors		Part no.
Version	Spring	
Extended version	●	956A1006

Page instructions

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Accessories – hinge arm cover cap	164		
Accessories – general	166		
Overview – BLUMOTION for doors	171		

Assembly, removal and adjustment

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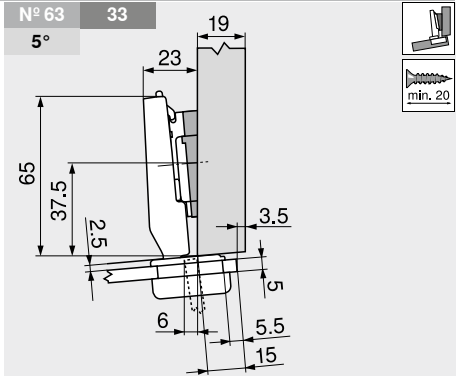
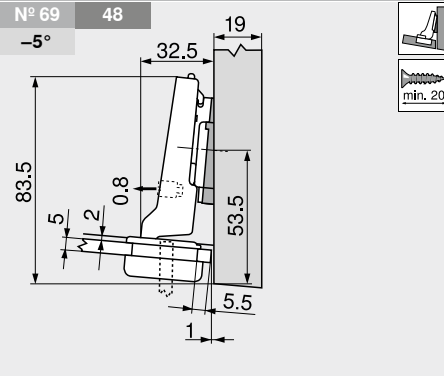
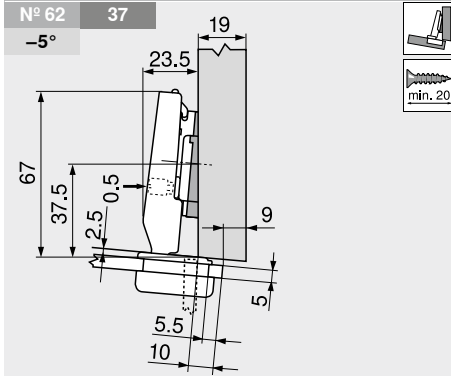
Planning

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

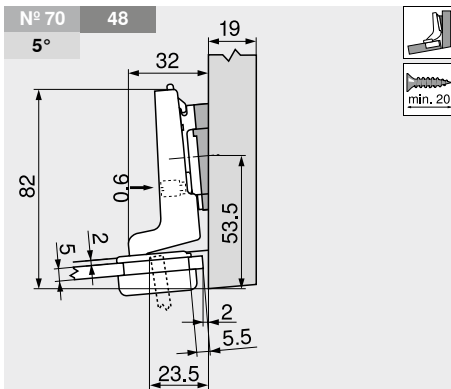
Planning



Description	Spacing (mm)	Part no.
Hinge	-	75T4100
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

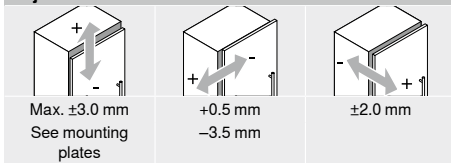
Description	Spacing (mm)	Part no.
Hinge	-	75T4200
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500

Description	Spacing (mm)	Part no.
Hinge	-	75T4100
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

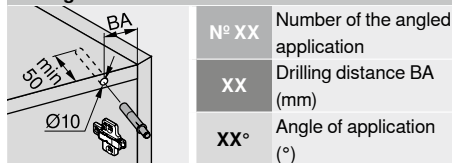


Description	Spacing (mm)	Part no.
Hinge	-	75T4300
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

Adjustment



Drilling distance BA – BLUMOTION 970A1002



Page instructions

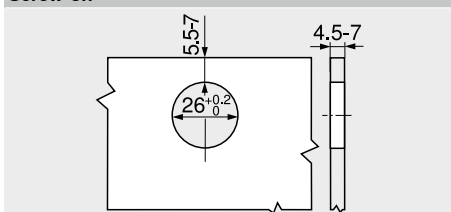
Assembly, removal and adjustment



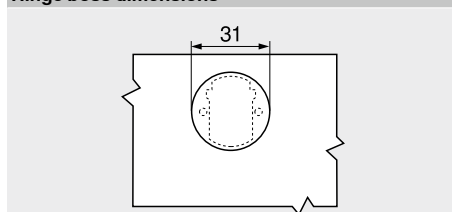
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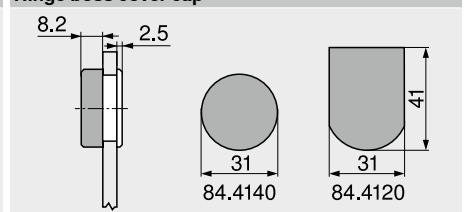
Screw-on



Hinge boss dimensions



Hinge boss cover cap





- ▶ 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)
- +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°
	N° 97	N° 98	N° 99
	152	152	153
	N° 89	N° 90	N° 91
	152	153	153
		N° 82	N° 83
		153	153

Overview – angled applications	120
WA Angled application	

Order information

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top	●	NI	79A0558.T
With spring		NI	Nickel plated

Accessories	
	BLUMOTION 970A

Version	Part no.
For drilling	970A1002

Accessories	
	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
Stamped	Blum	NI	70.1553.BP

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	75	Overview – BLUMOTION for doors	171
Mounting plates	156	Overview – assembly devices	561
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Accessories – general	166		

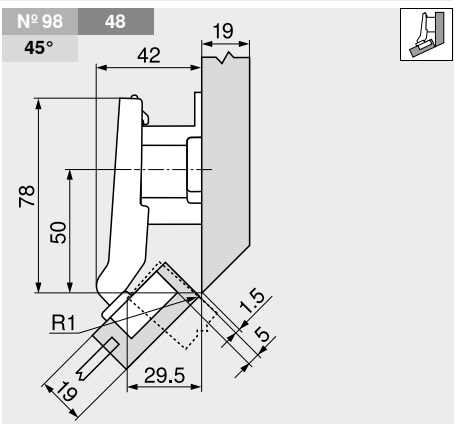
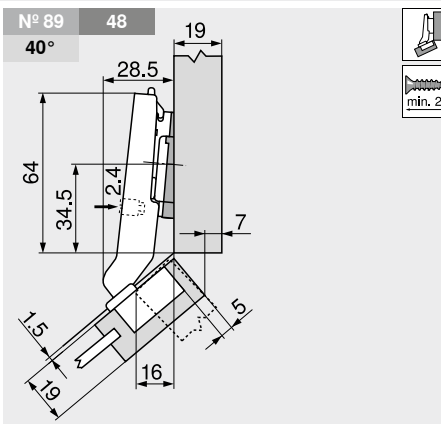
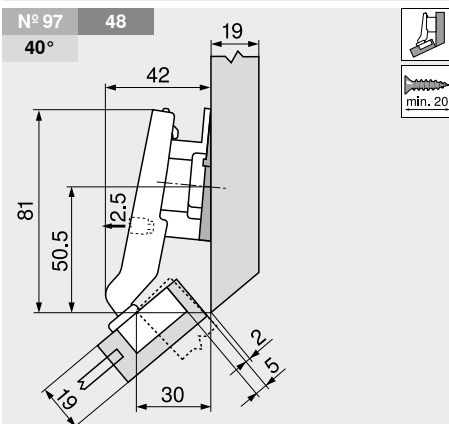
Assembly, removal and adjustment

Short-URL
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Planning

Note

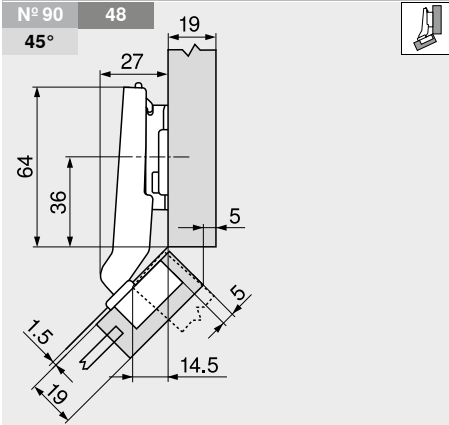
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.



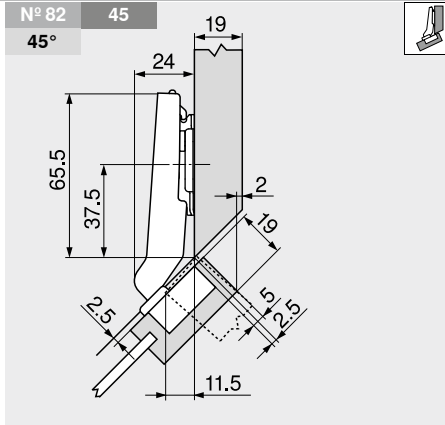
Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.	Description	Spacing (mm)	Part no.
Mounting plate	9	175H7190	Mounting plate	0	173H7100	Mounting plate	18	175H7190.22
Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500			

+45° angled hinge with mini boss

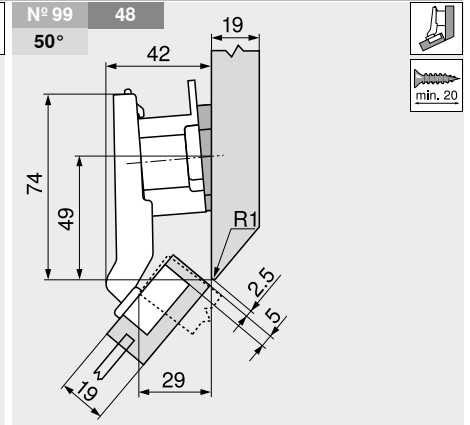
Planning



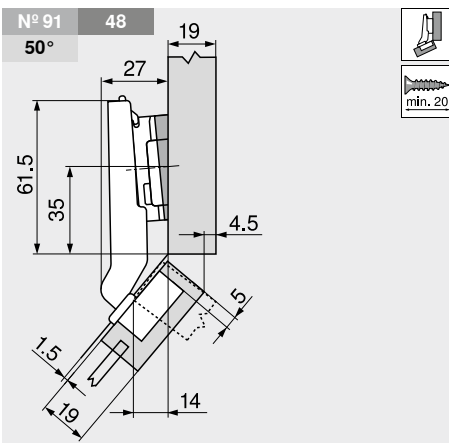
Description	Spacing (mm)	Part no.
Mounting plate	3	173H7130



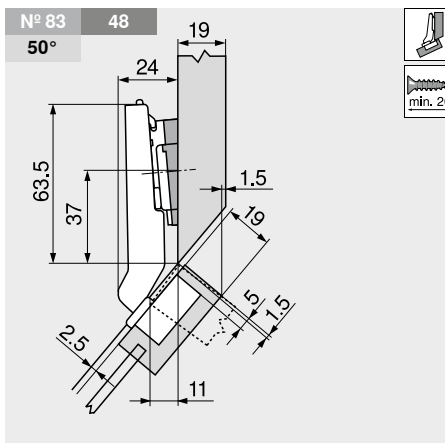
Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100



Description	Spacing (mm)	Part no.
Mounting plate	18	175H7190.22
Angled spacer	+5°	171A5010

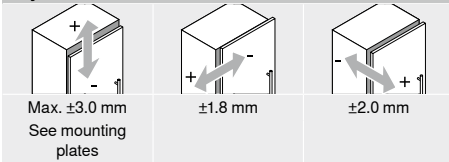


Description	Spacing (mm)	Part no.
Mounting plate	3	173H7130
Angled spacer	+5°	171A5010

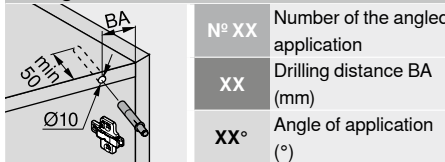


Description	Spacing (mm)	Part no.
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

Adjustment



Drilling distance BA – BLUMOTION 970A1002

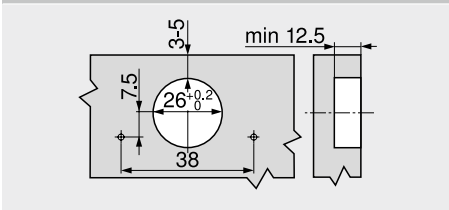


Page instructions
 Assembly, removal and adjustment

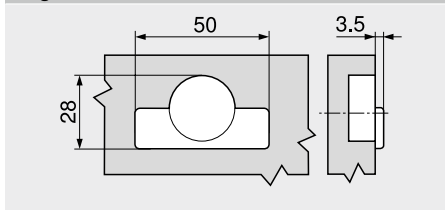
Short-URL
www.blum.com/a220



Screw-on



Hinge boss dimensions





- ▶ 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)
- 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°
	N° 92		N° 93
	155		155
	N° 84		N° 85
	155		155
	N° 77		N° 78
	155		155

Overview – angled applications	120
WA Angled application	

Order information

Overlay application

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top	●	NI	71T0550
● With spring		NI	Nickel plated

Accessories

	<input type="checkbox"/> BLUMOTION 970A
Version	Part no.
For drilling	970A1002

	<input type="checkbox"/> Hinge arm cover cap		
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Dual application

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top	●	NI	71T0650
● With spring		NI	Nickel plated

Accessories

	<input type="checkbox"/> BLUMOTION 970A
Version	Part no.
For drilling	970A1002

	<input type="checkbox"/> Hinge arm cover cap		
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Inset application

Boss		Screw-on	
Hinge	Spring	Colour	Part no.
CLIP top	●	NI	71T0750
● With spring		NI	Nickel plated

Accessories

	<input type="checkbox"/> BLUMOTION 970A
Version	Part no.
For drilling	970A1002

	<input type="checkbox"/> Hinge arm cover cap		
Print Stamp	Logo	Colour	Part no.
Plain	–	NI	70.1553
Stamped	Blum	NI	70.1553.BP

Accessories – general

	<input type="checkbox"/> TIP-ON for doors	
Version	Spring	Part no.
Extended version	●	956A1006

	<input type="checkbox"/> 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	75
Mounting plates	156
Accessories – hinge arm cover cap	164
Accessories – general	166
Overview – BLUMOTION for doors	171

Overview – assembly devices	561
More technical details	662

Assembly, removal and adjustment

Short-URL	www.blum.com/a210
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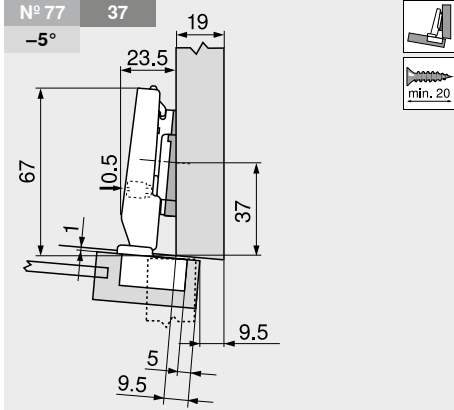
Planning

Note

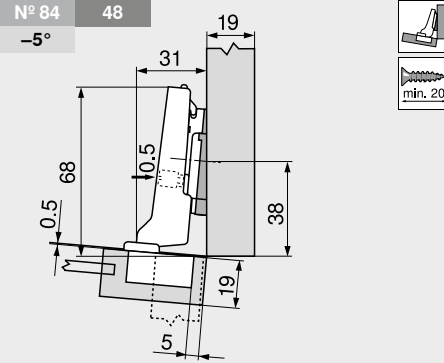
These dimensions are based on the factory setting. The application changes in cases of deviation. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

$\pm 5^\circ$ angled application with mini boss

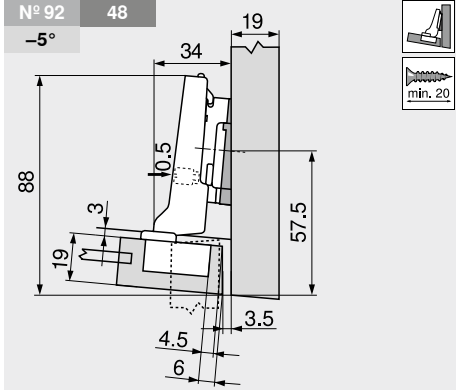
Planning



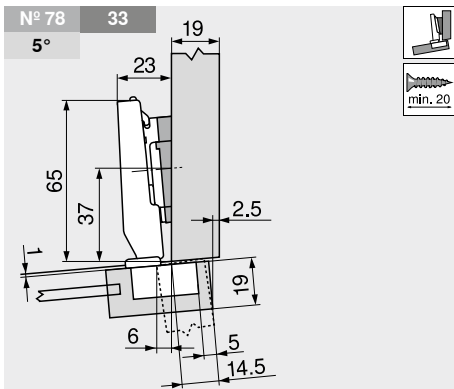
Description	Spacing (mm)	Part no.
Hinge	-	71T0550
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500



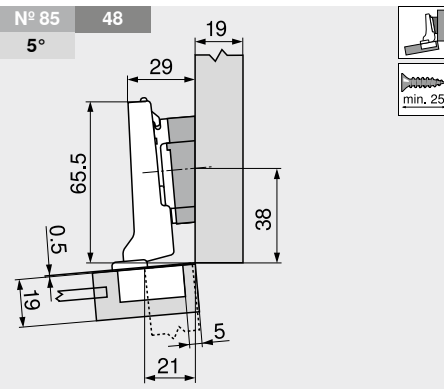
Description	Spacing (mm)	Part no.
Hinge	-	71T0650
Mounting plate	0	173H7100
Angled spacer	-5°	171A5500



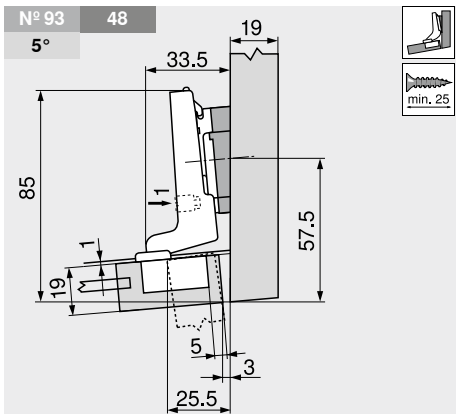
Description	Spacing (mm)	Part no.
Hinge	-	71T0650
Mounting plate	3	173H7130
Angled spacer	-5°	171A5500



Description	Spacing (mm)	Part no.
Hinge	-	71T0550
Mounting plate	0	173H7100
Angled spacer	+5°	171A5010

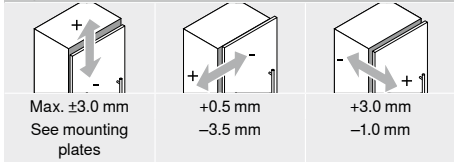


Description	Spacing (mm)	Part no.
Hinge	-	71T0650
Mounting plate	0	173H7100
Angled spacer	+5° 3 x	171A5070

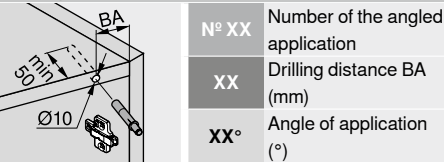


Description	Spacing (mm)	Part no.
Hinge	-	71T0750
Mounting plate	0	173H7100
Angled spacer	+5° 2 x	171A5040

Adjustment



Drilling distance BA – BLUMOTION 970A1002

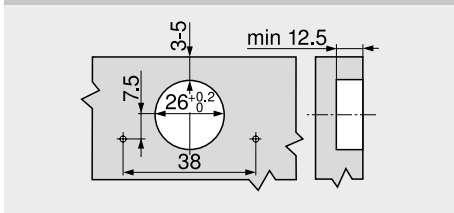


Page instructions
 Assembly, removal and adjustment

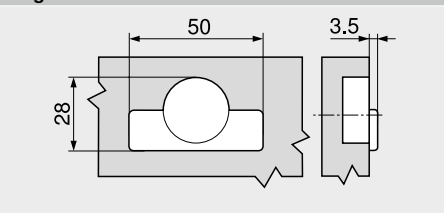
Short-URL
www.blum.com/a220



Screw-on



Hinge boss dimensions



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Mounting plates

Hinge systems

Description	Material	Adjustment	Height (mm)						
▶▶ Mounting plates									
Horizontal cam mounting plate	20/32 Steel	Cam	±2	156		156	157	157	
Horizontal cam mounting plate for dual application	20/32 Steel	Cam	±2				157		
INSERTA cruciform mounting plate	37/32 Steel	Cam	±2		158				
Cruciform cam mounting plate	37/32 Steel	Cam	±2	158		158			
Cruciform cam mounting plate for twin application	37/32 Steel	Cam	±2			158			
Cruciform mounting plate	37/32 Zinc	Screws (two-part)	±2	159			159		
Cruciform mounting plate	37/32 Steel	Elongated hole	±2			159			
Cruciform mounting plate	37/32 Steel	Elongated hole	±3	159			160		160
Cruciform mounting plate for twin application	37/32 Steel	Elongated hole	±3				160		
Cruciform mounting plate	28/32 Steel	Elongated hole	±3				160		
Cruciform mounting plate	37/32 Zinc	Elongated hole	±3				161		
▶▶ Angled spacers									
+5° obtuse angled spacer	37/32 Zinc			162					
-5° acute angled spacer	37/32 Zinc			162					

Pictograph

	Item Available Upon Request		Knock-in dowel fixing – assembly only with the insertion ram
	Chipboard screw fixing		Knock-in dowel fixing
	INSERTA fixing		
	EXPANDO fixing		
	System screw fixing		

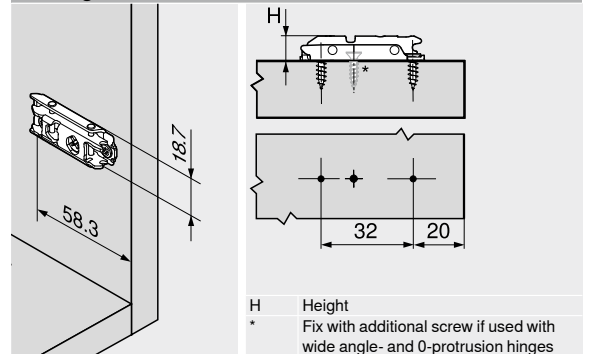
Horizontal cam mounting plate

20/32



- Fixing with chipboard screws
Ø 3.5 mm
- With cam height adjustment ±2 mm
- Recommended screw length 17 mm
- Material: steel

Planning



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		

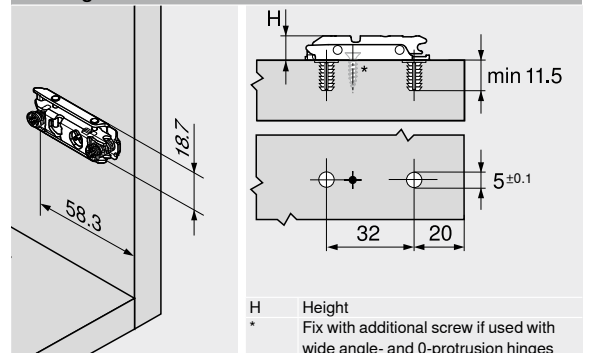
Horizontal cam mounting plate

20/32



- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ±2 mm
- Material: steel

Planning



Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI ONS	177H3100E
3	11.5	NI ONS	177H3130E
NI	Nickel plated		

Horizontal cam mounting plate

20/32

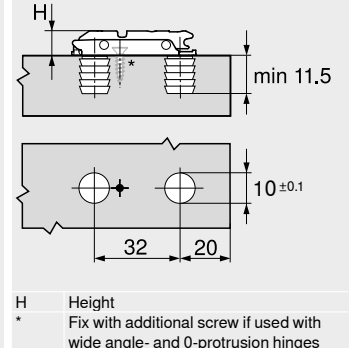
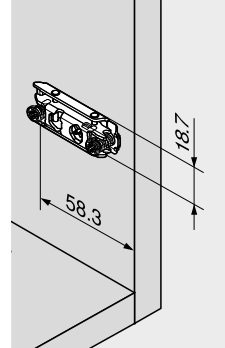


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ± 2 mm
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	177H3100E10
3	11.5	NI	177H3130E10
NI Nickel plated			

Planning



Horizontal cam mounting plate

20/32

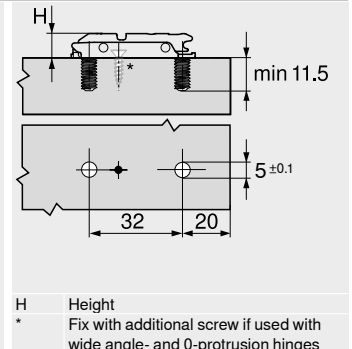
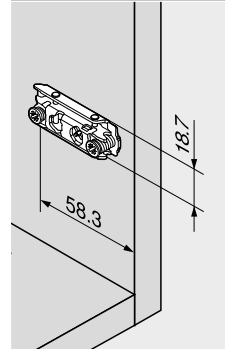


- Fixing with pre-mounted system screws $\varnothing 6 \times 12.9$ mm (66B.134)
- With cam height adjustment ± 2 mm
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	175H4100
3	11.5	NI	175H4130
NI Nickel plated			

Planning



Horizontal cam mounting plate for dual application

20/32

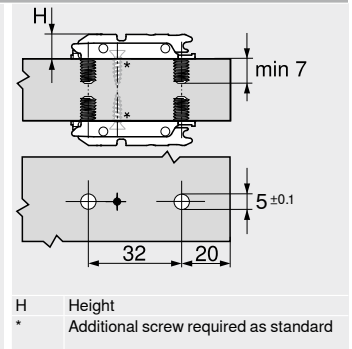
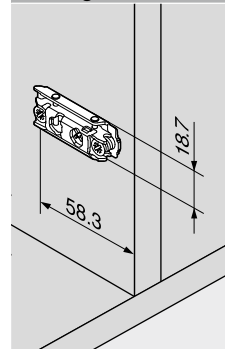


- Fixing with pre-mounted system screws $\varnothing 6 \times 8.9$ mm (66B.094)
- With cam height adjustment ± 2 mm
- For twin application
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	175H410Z
NI Nickel plated			

Planning



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

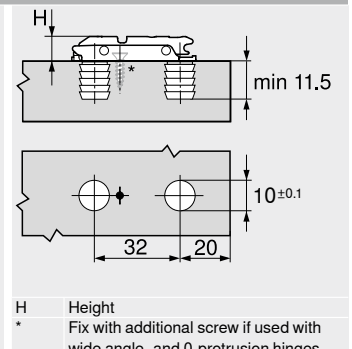
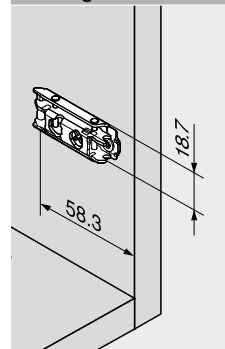
Order information

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



Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Mounting plates

Cruciform cam mounting plate

37/32

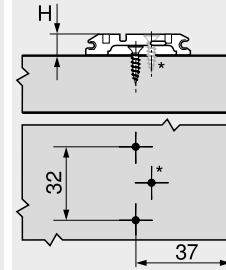
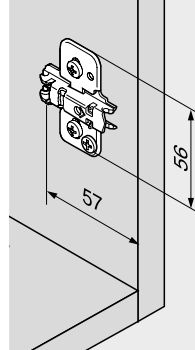


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- With cam height adjustment ± 2 mm
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI ONS	173H7100
3	11.5	NI ONS	173H7130
NI Nickel plated			

Planning



H Height
* Additional screw for wide angle- and 0-protrusion hinges (min. 20 mm)

INSERTA cruciform mounting plate

37/32

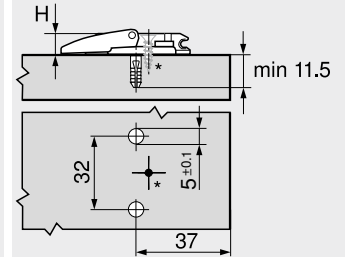
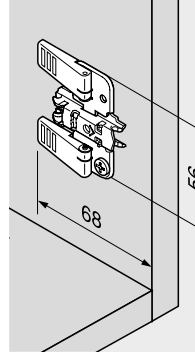


- Tool-free assembly
- With "self anchoring" feature
- With cam height adjustment ± 2 mm
- Material: steel, closing lever, zinc die-cast

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 angle- and 0-protrusion hinges (min. 20 mm)

Cruciform cam mounting plate

37/32

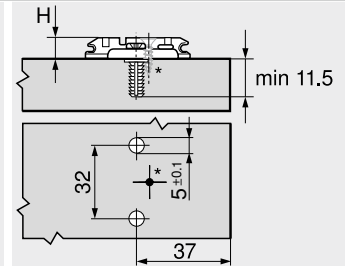
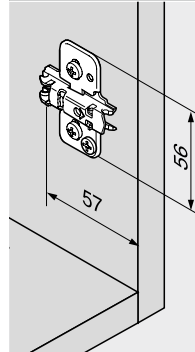


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ± 2 mm
- Material: steel

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 angle- and 0-protrusion hinges (min. 20 mm)

Cruciform cam mounting plate for twin application

37/32

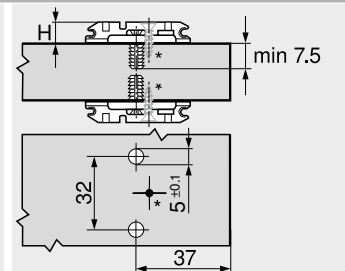
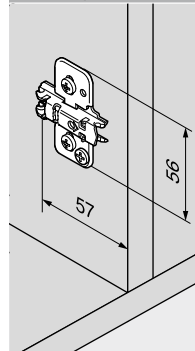


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment ± 2 mm
- For twin application
- Material: steel

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 required as standard

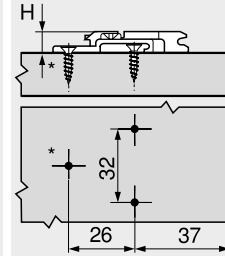
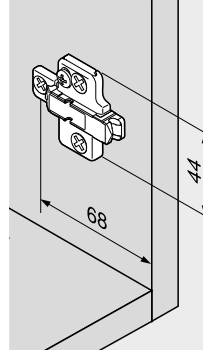
Cruciform mounting plate

37/32



- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- With height adjustment ± 2 mm
- Recommended screw length 17 mm
- Material: zinc

Planning



H Height
* Fix with additional screw if used with wide angle- and 0-protrusion hinges

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

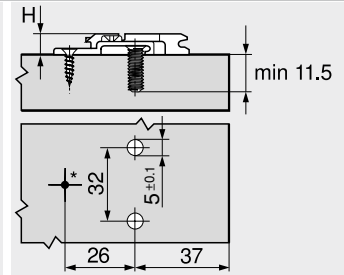
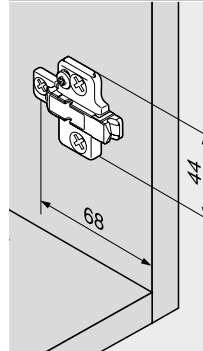
Cruciform mounting plate

37/32



- Fixing with system screws \varnothing 6 x 14.5 mm (661.1450)
- With height adjustment ± 2 mm
- Material: zinc

Planning



H Height
* Fix with additional screw if used with wide angle- and 0-protrusion hinges

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

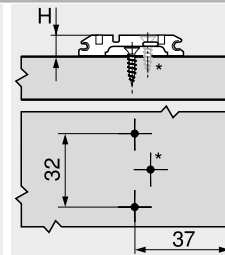
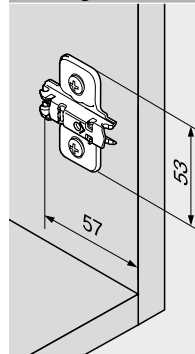
Cruciform mounting plate

37/32



- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- With height adjustment ± 3 mm
- Recommended screw length 17 mm
- Material: steel

Planning



H Height
* Additional screw for wide angle- and 0-protrusion hinges (min. 20 mm)

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	173L6100
3	11.5	NI	173L6130

NI Nickel plated

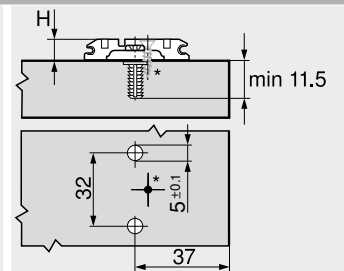
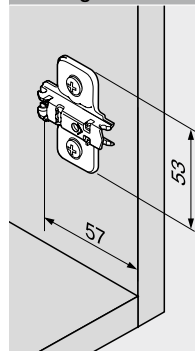
Cruciform mounting plate

37/32



- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With height adjustment ± 2 mm
- Material: steel

Planning



H Height
* Additional screw for wide angle- and 0-protrusion hinges (min. 20 mm)

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	174E6100.01
3	11.5	NI	174E6130.01

NI Nickel plated

Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Mounting plates

Cruciform mounting plate

37/32

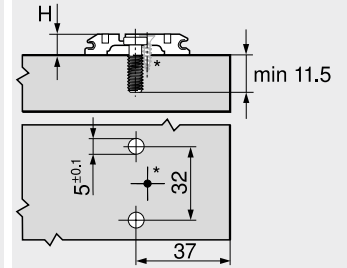
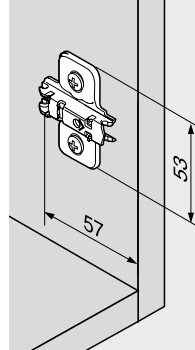


- Fixing with pre-mounted system screws \varnothing 6 mm
- With height adjustment ± 3 mm
- Material: steel

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 angle- and 0-protrusion hinges (min. 20 mm)

Cruciform mounting plate for twin application

37/32

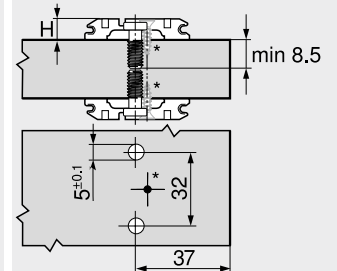
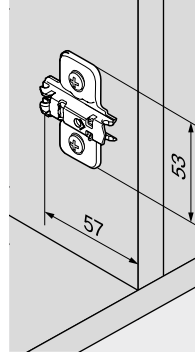


- Fixing with pre-mounted special system screws, \varnothing 6 mm (668.1150)
- With height adjustment ± 3 mm
- For twin application
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	173L8100.21
NI Nickel plated			

Planning



H Height
* Additional screw required as standard

Cruciform mounting plate

37/32



- Knock-in assembly with pre-fixed dowels
- With height adjustment ± 3 mm
- Material: steel

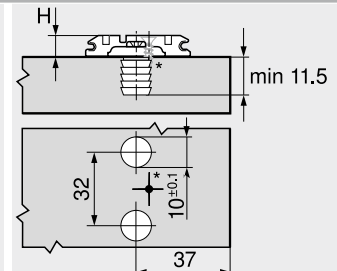
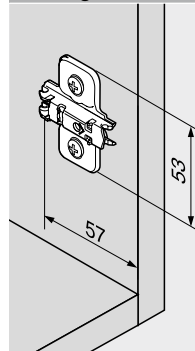
Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.5	NI	174L6100.05
3	11.5	NI	174L6130.05
NI Nickel plated			

Accessories

Description	Part no.
Insertion ram	MZM.0061.01

Planning



H Height
* Additional screw for wide angle- and 0-protrusion hinges (min. 20 mm)

Cruciform mounting plate

28/32

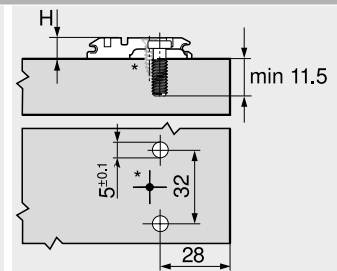
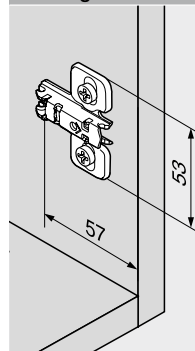


- Fixing with pre-mounted system screws \varnothing 6 mm
- With height adjustment ± 3 mm
- Material: steel

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 angle- and 0-protrusion hinges (min. 20 mm)

Cruciform mounting plate

37/32



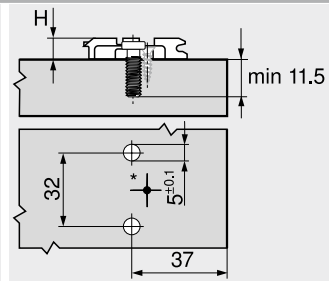
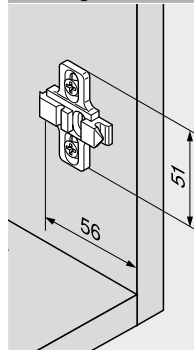
- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- Material: zinc

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- and 0-protrusion hinges



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Angled spacers

+5° obtuse angled spacer



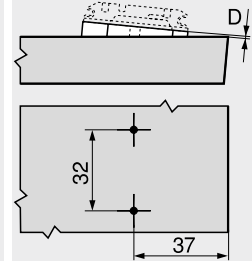
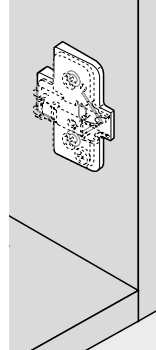
- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Material: zinc
- Suitable for mounting plates: 173H71X0 | 175H71X0 | 175H91X0

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



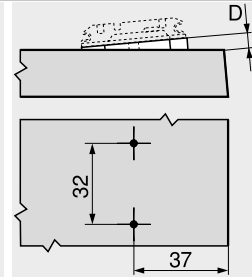
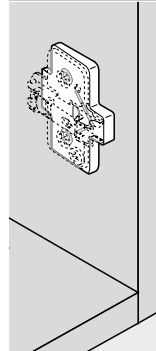
- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Material: zinc
- Suitable for mounting plates: 173H71X0 | 175H71X0 | 175H91X0

Order information

Spacing (mm)	Colour	Part no.
6	NI	171A5500

NI Nickel plated

Planning



D Spacing

CLIP top BLUMOTION | CLIP top – hinges ◀
Angled spacers ◀◀

Hinge systems





Hinge arm cover cap

Hinge applications	Straight hinge arm		Cranked hinge arm		
				Double cranked arm	
110° hinge 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 Blind corner hinge inset application Blind corner hinge overlay application Corner cabinet bi-fold hinge +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 125° hinge Hinge for thin doors CRISTALLO hinge Hinge for thin doors – angled application 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 95° aluminium frame door hinge Incl. ±5° 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.	70.1553	70.1553.BP	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	
				Double cranked arm	
Glass door hinge Mini-hinge Incl. ±5° angled application					
	Material	Steel	Steel	Steel	Steel
	Colour	NI	NI	NI	NI
	Print Stamp	Plain	Stamped	Plain	Stamped
	Logo	–	Blum	–	Blum
	Part no.	70.1553	70.1553.BP	70.1553	70.1553.BP
Remaining angled hinges Remaining angled applications					
	Material	Steel	Steel		
	Colour	NI ONS	NI		
	Print Stamp	Plain	Stamped		
	Logo	–	Blum		
	Part no.	70.1553	70.1553.BP		

Cover caps, can be individually printed – minimum order quantity 1000 items

NI Nickel plated
ONS Onyx black






Hinge boss cover cap

Hinge applications		CLIP top BLUMOTION – hinges	CLIP top – hinges
110° hinge 110° special hinge			
	Material	Steel	Steel
	Colour	NI ONS	NI ONS
	Part no.	70T3504	70T3504
107° hinge Profile/thick door hinge Blind corner hinge inset application Bathroom mirror cabinets with fronts that protrude all the way around Angled applications			
	Material	Steel	Steel
	Colour	NI ONS	NI ONS
	Part no.	70T3504	70T1504
155° hinge			
	Material	Steel	Steel
	Colour	NI ONS	NI ONS
	Part no.	70T7504	70T7504
125° hinge			
	Material	Steel	
	Colour	NI ONS	
	Part no.	70T7504	
Blind corner hinge overlay application			
	Material	Steel	
	Colour	NI ONS	
	Part no.	70T3504	
Hinge for thin doors Hinge for thin doors – angled application			
	Material	Steel	Steel
	Colour	NI ONS	NI ONS
	Part no.	70T4504	70T4504

NI Nickel plated
ONS Onyx black

Hinge boss spacing

Hinge applications		CLIP top BLUMOTION – hinges	CLIP top – hinges
110° hinge 110° special hinge			
	Spacing (mm)	1.5	1.5
	Material	Nylon	Nylon
	Colour	R7037	R7037
	Part no.		70T3507.21
107° hinge Profile/thick door hinge			
	Spacing (mm)	1.5	
	Material	Nylon	
	Colour	R7037	
	Part no.		70T3507.21

R7037 RAL 7037 dust grey

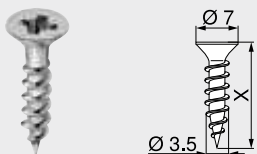
Hinge systems



- ▶ CLIP top BLUMOTION | CLIP top – hinges
- ▶▶ Accessories

Chipboard screws

Ø 3.5 mm



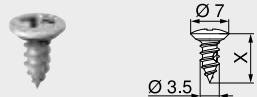
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
15.0	609.1500
17.0	609.1700

Counter sunk self tapping screws

Ø 3.5 mm



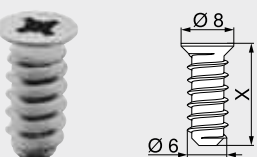
- For front fixing brackets on wide alu frames
- Ø 3.5 mm
- Drilling diameter Ø 2.6 mm
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
9.5	660.0950

System screws

Ø 6.0 mm



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

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

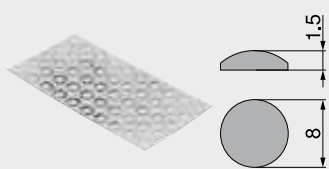


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer

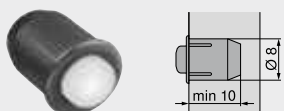


- For noise reduction
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Stick-on door buffer	993.710

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

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
- Colour: black/orange
- Material: nylon/steel

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
- Colour: black/orange
- Material: nylon/steel

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..

- The adaptive system adjusts itself to the closing speed and the weight of the door
- 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 damping 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

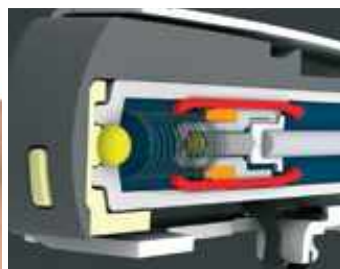


And brakes the motion of the front accordingly. The result is a silent and effortless closing motion

This is how the adaptive damping system works



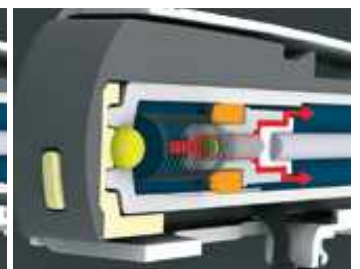
A look behind the scenes of the BLUMOTION adaptive system



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

	Overview – hinge systems	73
	▶ CLIP top BLUMOTION CLIP top – hinges	74
	▶ TIP-ON for doors	184

▶▶ BLUMOTION 973A – clip on

	Overview – applications	172
	BLUMOTION 973A – clip on	174

▶▶ BLUMOTION 971A – in adapter plate for overlay application

	Overview – applications	172
	BLUMOTION 971A – in adapter plate for overlay application	176

▶▶ BLUMOTION 970A – for drilling, hinge side

	Overview – applications	172
	BLUMOTION 970A – for drilling, hinge side	178
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▶▶ BLUMOTION 970. – for drilling, handle side

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▶▶ Assembly, removal and adjustment

	Assembly, removal and adjustment	
	Short-URL www.blum.com/a220	

Pictograph

	Item Available Upon Request		Angled application max. overlay
	Overlay application		Angled application mitred
	Dual application		Chipboard screw fixing
	Inset application		EXPANDO fixing
	Blind corner application		
	Angled application inset		
	Angled application half overlay		
	Angled application overlay		

Hinge systems



- ▶ BLUMOTION for doors
- ▶▶ Overview – applications

Hinge systems

Hinge applications	OW	Page	Application					
			1	Part no. Page	2	Part no. Page	3	Part no. Page
▶▶ Standard application								
110° hinge	110°	78		973A0500.01 174		973A0600 174		973A0700 174
110° special hinge	110°	80		973A0500.01 174				
107° hinge	107°	82		973A0500.01 174		973A0600 174		973A0700 174
CLIP 100° hinge	100°	84		973A0500.01 174		973A0600 174		973A0700 174
▶▶ Wide angled application								
170° hinge	170°	90		973A6000 174		973A6000 174		
▶▶ Profile door application								
Profile/thick door hinge	95°	92		973A0500.01 174		973A0600 174		973A0700 174
▶▶ Aluminium frame application								
95° aluminium frame door hinge CLIP top for 973A	95°	104		973A0500.01 174		973A0600 174		
95° aluminium frame door hinge CLIP top	95°	104		970A1002 178		970A1002 178		970A1002 178
▶▶ Glass door application								
Glass door hinge	94°	114		971Axxxx 176		970A1002 178		970A1002 178
▶▶ Frame door application								
Mini-hinge	94°	116		971Axxxx 176		970A1002 178		970A1002 178
▶▶ Corner cabinet solution								
Corner cabinet bi-fold hinge	60°	118		970.1002 180				
▶▶ Angled application – standard								
±5° angled application	95°	136		973A0500.01 174		973A0600 174		973A0700 174
▶▶ Angled application – glass door								
+45° angled hinge for glass doors	94°	148		970A1002 178				
±5° angled application for glass doors	94°	150		970A1002 178		970A1002 178		970A1002 178
▶▶ Angled application – frame door								
+45° angled hinge with mini boss	94°	152		970A1002 178				
±5° angled application with mini boss	94°	154		970A1002 178		970A1002 178		970A1002 178

OW Opening angle

BLUMOTION for doors ◀
Overview – applications ◀◀

Hinge systems



Hinge systems



- ▶ BLUMOTION for doors
- ▶▶ BLUMOTION 973A – clip on

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

Colour	Material	Part no.
Nickel plated	Steel	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

Colour	Material	Part no.
Nickel plated	Steel	973A0600

BLUMOTION 973A – hinge with double cranked hinge arm



CLIP top

- 110° hinge
- 107° hinge
- Profile/thick door hinge

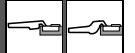
CLIP

- 100° hinge

Order information

Colour	Material	Part no.
Nickel plated	Steel	973A0700

BLUMOTION 973A – 170° hinge



CLIP top

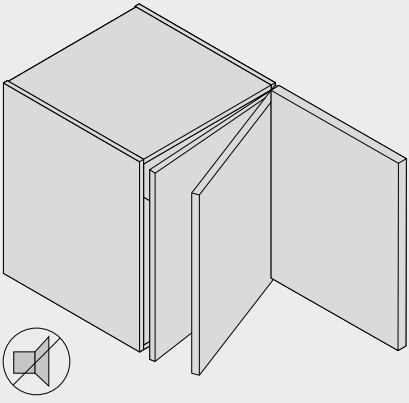
- 170° hinge – inline
- 170° hinge – cranked

Order information

Colour	Material	Part no.
Nickel plated	Zinc	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	171	Assembly, removal and adjustment
Overview – assembly devices	561	
More technical details	662	

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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

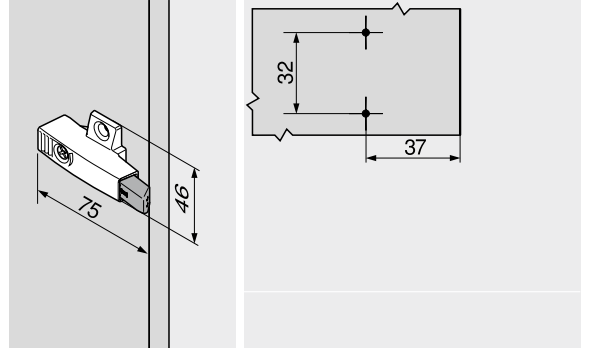


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Colour: nickel plated
- Material: zinc

Order information

Construction height (mm)	Part no.
25	971A0500
33	971A2500

Planning



BLUMOTION 971A – in a cruciform adapter plate

37/32

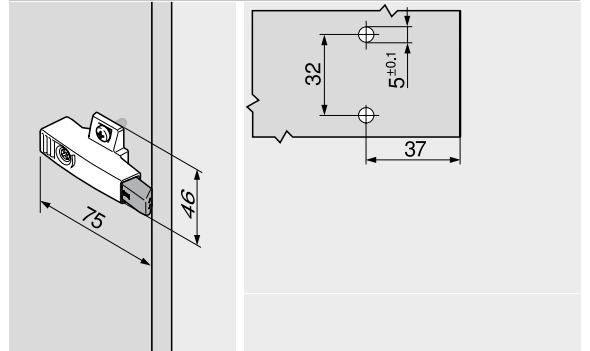


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- Colour: nickel plated
- Material: zinc

Order information

Construction height (mm)	Part no.
25	971A05E0

Planning



BLUMOTION 971A – in a cruciform adapter plate

9.5/32

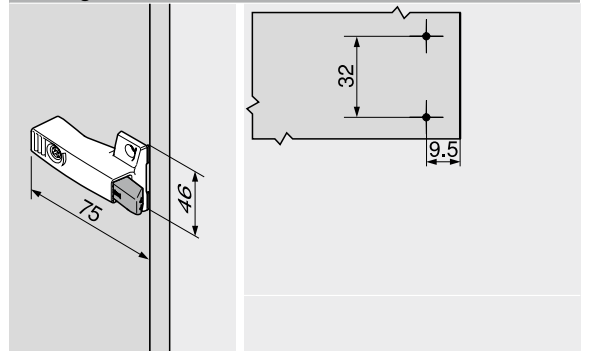


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Colour: nickel plated
- Material: zinc

Order information

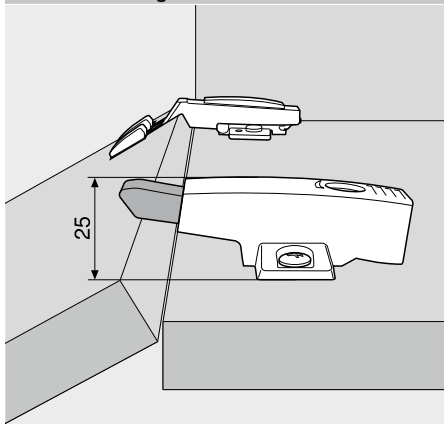
Construction height (mm)	Part no.
25	971A0700

Planning



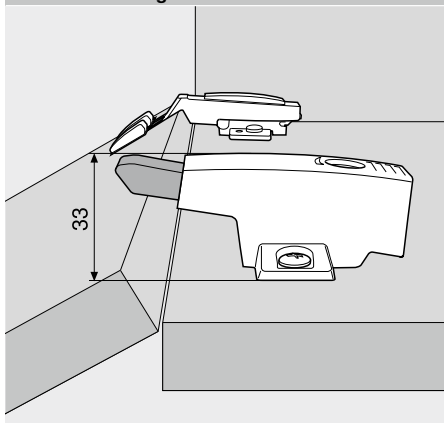
Planning

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



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 achieved via a spiral screw depth adjustment feature (+3 to -7 mm).

Page instructions

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Assembly, removal and adjustment

Short-URL
www.blum.com/a220



- ▶ **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

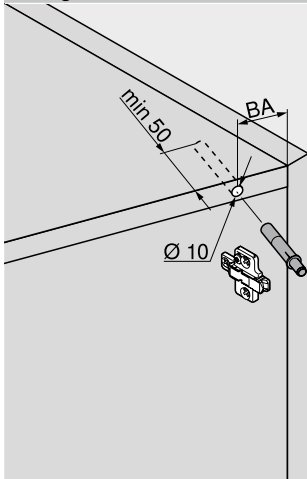
Order information

BLUMOTION 970A

Colour	Material	Part no.
RAL 7037 dust grey	Nylon	970A1002

Planning

Drilling distance BA



N° XX	Number of the 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	171	Template	630	Assembly, removal and adjustment
Accessories – straight adapter plates	182	Drilling template for mounting plates	631	
Accessories – cruciform adapter plates	182	MINIPRESS top with EASYSTICK	576	Short-URL www.blum.com/a220
Drilling distance BA	179	MINIPRESS top	580	
Assembly		MINIPRESS P	592	
Drilling template for BLUMOTION TIP-ON	632	MINIPRESS M	596	



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°	N° 76	48		N° 68	45
45°	N° 75	48		N° 67	45
40°	N° 74	48			
5°	N° 70	48		N° 63	33
-5°	N° 69	48		N° 62	37

>> Angled application – frame door

Angled hinge with mini boss

50°	N° 99	48	N° 91	48	N° 83	48
45°	N° 98	48	N° 90	48	N° 82	45
40°	N° 97	48	N° 89	48		
5°	N° 93	48	N° 85	48	N° 78	33
-5°	N° 92	48	N° 84	48	N° 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.



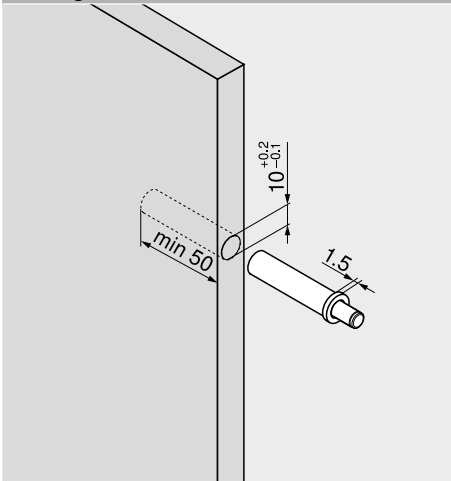
- BLUMOTION – perfect movement, quiet and easy
- For use with Blum hinges
- For drilling or in combination with adapter plates

Order information

BLUMOTION 970.

	Colour	Material	Part no.
	RAL 7037 dust grey	Nylon	970.1002

Planning



Page instructions

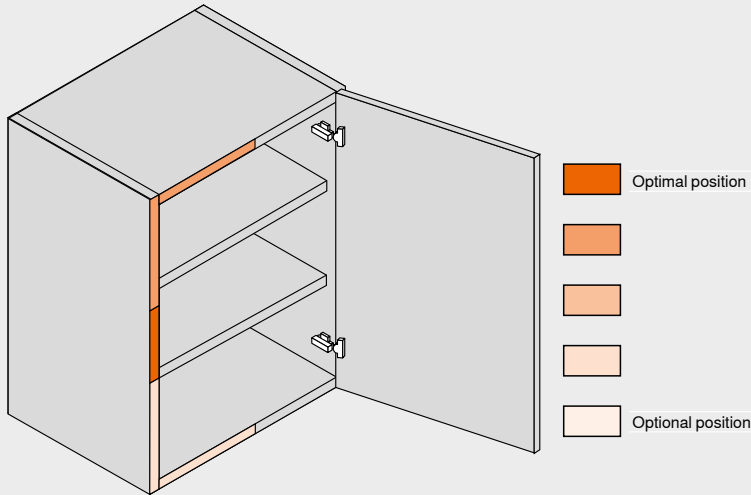
Overview – BLUMOTION for doors	171	Template	630	Assembly, removal and adjustment
Accessories – straight adapter plates	182	Drilling template for mounting plates	631	
Accessories – cruciform adapter plates	182	MINIPRESS top with EASYSTICK	576	Short-URL
Assembly position and number required	181	MINIPRESS top	580	
Assembly		MINIPRESS P	592	
Drilling template for BLUMOTION	633	MINIPRESS M	596	www.blum.com/a220



BLUMOTION 970.

Planning

Assembly position and number required



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.).

Up to 600 mm cabinet width – applicable for all CLIP top-hinges

Hinge systems

- ▶ **BLUMOTION for doors**
- ▶▶ **Accessories**



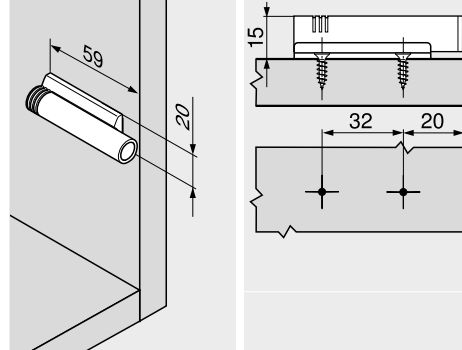
Inline adapter plate

20/32



- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- BLUMOTION must be ordered separately

Planning



Order information

Colour	Material	Part no.
RAL 7036 platinum grey	Nylon	970.1201
Nickel plated	Zinc	970.5201

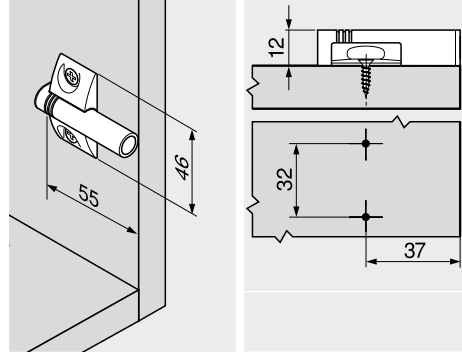
Cruciform adapter plate

37/32



- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- BLUMOTION must be ordered separately

Planning



Order information

Colour	Material	Part no.
RAL 7036 platinum grey	Nylon	970.1501
Nickel plated	Zinc	970.5501

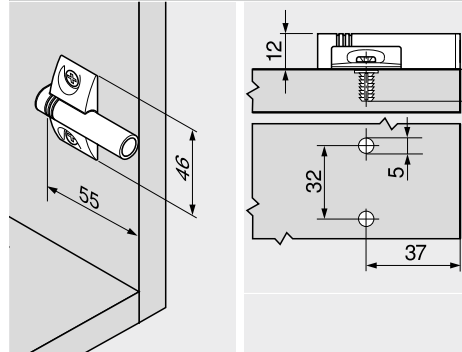
Cruciform adapter plate

37/32



- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- BLUMOTION must be ordered separately

Planning



Order information

Colour	Material	Part no.
RAL 7036 platinum grey	Nylon	970.15E1
Nickel plated	Zinc	970.55E1

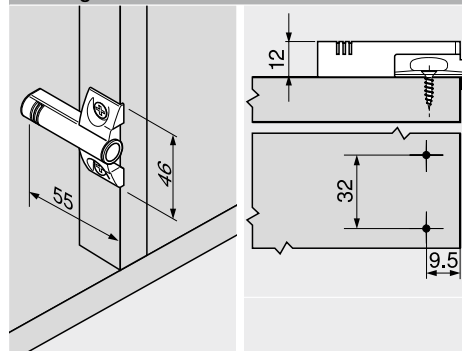
Cruciform adapter plate

9.5/32



- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- BLUMOTION must be ordered separately

Planning



Order information

Colour	Material	Part no.
RAL 7036 platinum grey	Nylon	970.1701
Nickel plated	Zinc	970.5701

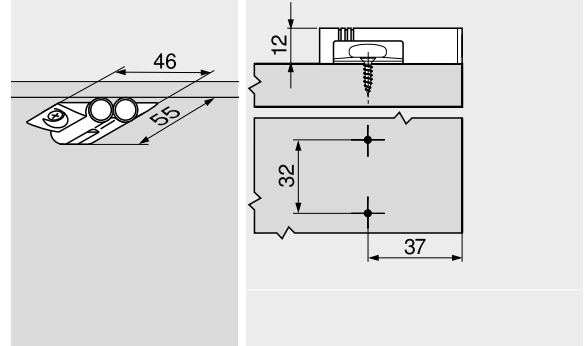
Cruciform double adapter plate

37/32



- For cabinets with double doors
- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- BLUMOTION must be ordered separately

Planning



Order information

Colour	Material	Part no.
RAL 7036 platinum grey	Nylon	970.2501

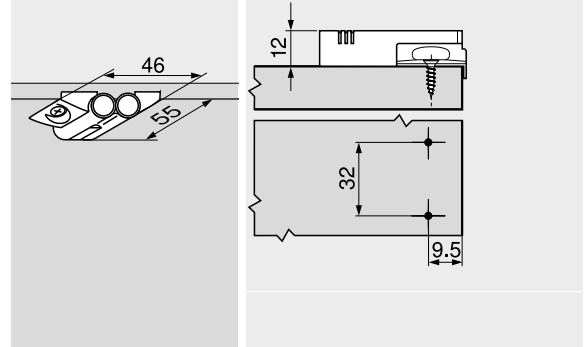
Cruciform double adapter plate

9.5/32



- For cabinets with double doors
- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- BLUMOTION must be ordered separately

Planning



Order information

Colour	Material	Part no.
Nickel plated	Zinc	970.6701



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	73
	▶ CLIP top BLUMOTION CLIP top – hinges	74
	▶ BLUMOTION for doors	170
▶▶ TIP-ON 956x		
 Symbolic image	TIP-ON 956. – short version with magnet	186
	TIP-ON 956A – long version with magnet	186
	TIP-ON 956A – long version with bumper	186
▶▶ Accessories		
 Symbolic image	Inline adapter plates	187
	Cruciform adapter plates	187
▶▶ Assembly, removal and adjustment		
 Symbolic image	Assembly, removal and adjustment 	
	Short-URL www.blum.com/a230	

Pictograph

	Item Available Upon Request		System screw fixing
	Chipboard screw fixing		

- ▶ TIP-ON for doors
- ▶▶ TIP-ON 956x

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	Material	Part no.
SW TS R7036	Nylon	956.1004

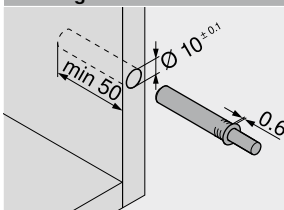
Composed of:

- 1 x TIP-ON 956. – short version with magnet
- 1 x Glue-on catch plate
Not suitable for powder-coated, waxed or oiled surfaces
- 1 x Screw-on catch plate

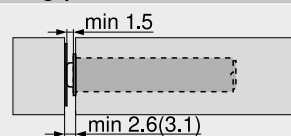
Colour

SW	Silk white
TS	Terra black
R7036	RAL 7036 platinum grey

Planning

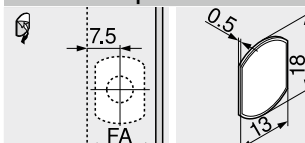


Front gap



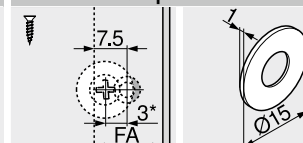
() Screw-on catch plate

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	Material	Part no.
SW TS R7036	Nylon	956A1004

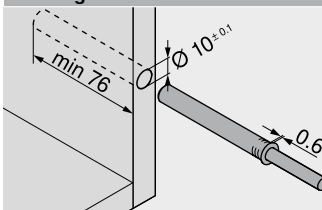
Composed of:

- 1 x TIP-ON 956A – long version with magnet
- 1 x Glue-on catch plate
Not suitable for powder-coated, waxed or oiled surfaces
- 1 x Screw-on catch plate

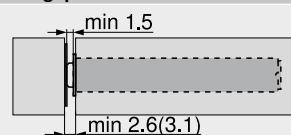
Colour

SW	Silk white
TS	Terra black
R7036	RAL 7036 platinum grey

Planning

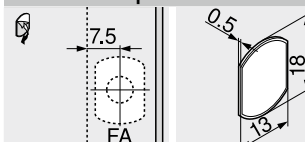


Front gap



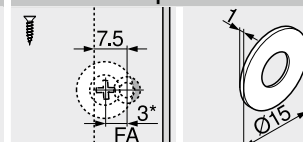
() Screw-on catch plate

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	Material	Part no.
SW TS R7036	Nylon	956A1006

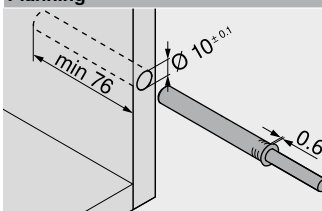
Composed of:

- 1 x TIP-ON 956A – long version with bumper
- No catch plate needed (we recommend using a catch plate for very soft surfaces)

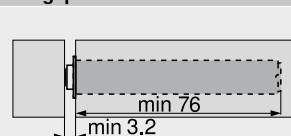
Colour

SW	Silk white
TS	Terra black
R7036	RAL 7036 platinum grey

Planning



Front gap



Page instructions

Overview – TIP-ON for doors	185
Accessories – straight adapter plates	187
Accessories – cruciform adapter plates	187

Assembly, removal and adjustment

Short-URL	
www.blum.com/a230	



Assembly

Drilling template for BLUMOTION TIP-ON	632
Positioning template for catch plate	652
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580

Inline adapter plate – short version

20/17

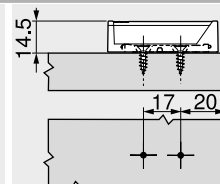
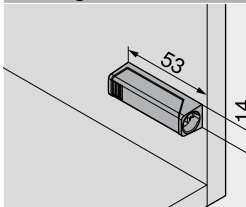


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

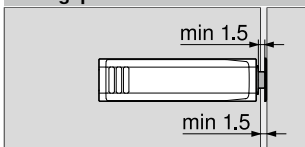
Order information

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

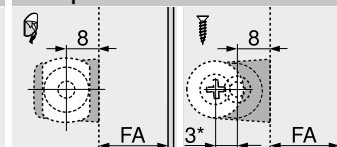
Planning



Front gap



Catch plate



FA Front overlay
* 3 mm offset installation

Inline adapter plate – long version

20/32

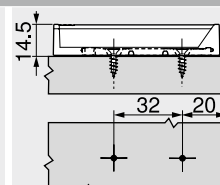
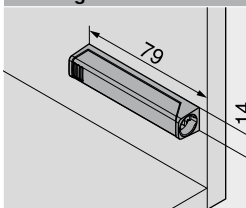


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

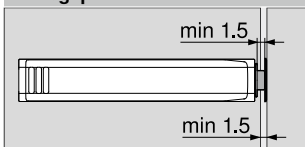
Order information

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

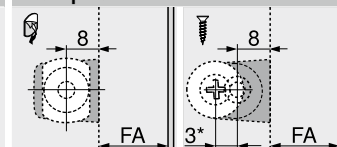
Planning



Front gap



Catch plate



FA Front overlay
* 3 mm offset installation

Cruciform adapter plate – long version

37/32

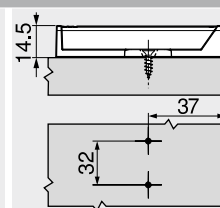
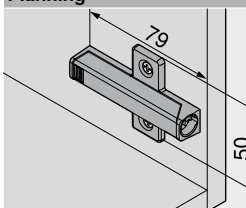


- Fixing with chipboard screws \varnothing 3.5 or \varnothing 4 mm
- Alternative assembly with system screws
- TIP-ON must be ordered separately

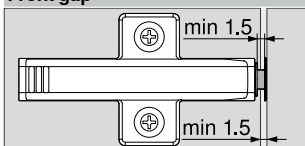
Order information

Colour	Material	Part no.
R7036	Nylon	956A1501
R7036	RAL 7036 platinum grey	

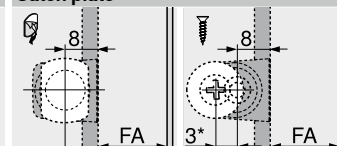
Planning



Front gap



Catch plate



FA Front overlay
* 3 mm offset installation

Page instructions

Overview – TIP-ON for doors

185

Assembly, removal and adjustment



Assembly

Template	630
Drilling template for mounting plates	631
Positioning template for catch plate	652
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580
MINIPRESS P	592

MINIPRESS M

596

Short-URL

www.blum.com/a230



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
- Integrated pull-out stop



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

Overview – hinge systems	73
▶ CLIP top BLUMOTION CLIP top – hinges	74

Hinge applications	OW	MODUL BLUMOTION	MODUL	Colour	Application	Boss Fixing	Web-code	Page
▶▶ Standard application								
100° hinge	100°		●	NI			DQE3XA	190
▶▶ Blind corner application								
Blind corner hinge inset application	95°	●		NI			DQE4MM	192
▶▶ Refrigerator application								
Refrigerator facade door hinge	95°		●	NI			DQE5BY	194
▶▶ Mounting plates								
Overview – mounting plates								196
OW	Opening angle		●	With spring		NI	Nickel plated	

▶▶ Accessories

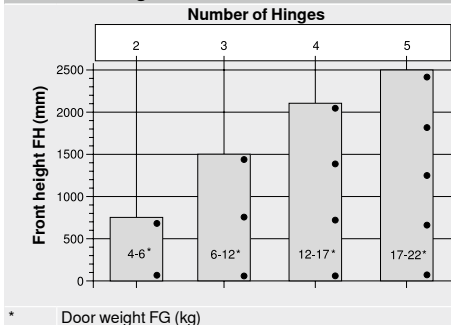
Hinge arm cover cap	199
Screws	200
Centre bit	200
Door buffer	200
Screwdriver	201

▶▶ Assembly, removal and adjustment

Assembly, removal and adjustment

Short-URL
www.blum.com/a240

Number of Hinges



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	Blind corner application	Screw-on boss
Overlay application	Hinge with straight hinge arm	Knock-in boss
Dual application	Hinge with cranked hinge arm	
Inset application	Hinge with double cranked hinge arm	

Hinge systems



- ▶ **MODUL – hinges**
- ▶▶ **Standard application**

Hinge systems

100° hinge

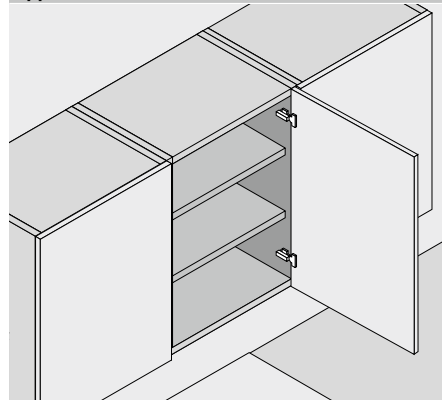
Webcode

DQE3XA



- **MODUL** with closing mechanism (spring)
- Slide on hinge arm
- 100° opening angle
- 3-dimensional front adjustment
- Integrated pull-out stop

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

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

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

Accessories

Hinge arm cover cap	
Print Stamp	Logo Colour Part no.
Plain	– NI 90M2603
Stamped	Blum NI 90M2603.BP

Accessories – general

Chipboard screws		
Ø (mm)	Length (mm)	Part no.
3.5	15	609.1500
3.5	17	609.1700

Insertion ram		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

100° hinge

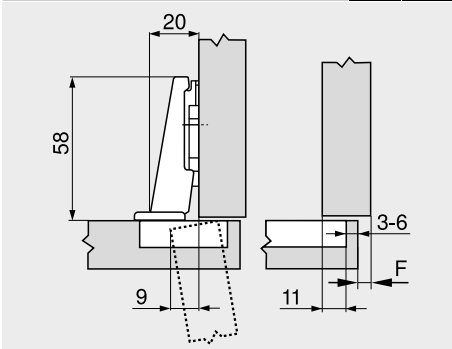
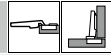
Webcode
DQE3XA

Planning

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

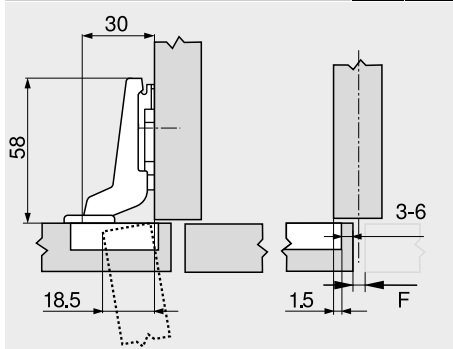
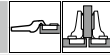
Hinge and front protrusion at full opening angle

Overlay application

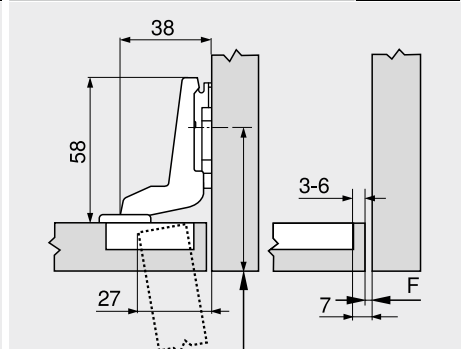
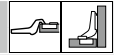


F Gap

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	3	4	5	6						
-										

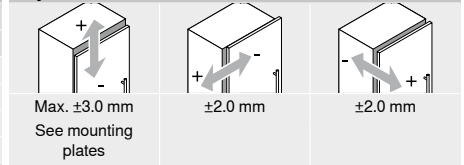
MD Mounting plate spacing (mm)

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

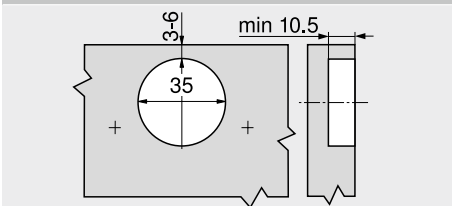
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	21	22	24	26	28	30	31	32
3	0.3	0.5	0.7	1.0	1.3	1.6	3.3	Δ	Δ	Δ	Δ	Δ
4	0.3	0.5	0.7	1.0	1.2	1.6	3.2	Δ	Δ	Δ	Δ	Δ
5	0.3	0.5	0.7	0.9	1.2	1.5	2.6	Δ	Δ	Δ	Δ	Δ
6	0.3	0.5	0.7	0.9	1.1	1.4	2.4	Δ	Δ	Δ	Δ	Δ
Additional for +2 mm side adjustment						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

Δ In these cases a trial is recommended

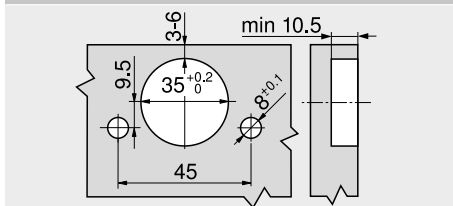
Adjustment



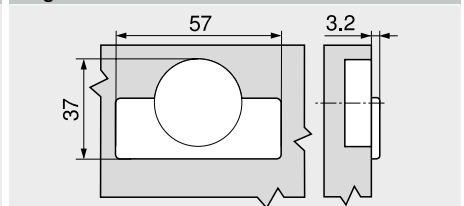
Screw-on



Knock-in



Hinge boss dimensions



Page instructions

Overview – MODUL – hinges	189	Assembly, removal and adjustment
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Accessories – hinge arm cover cap	199	Short-URL www.blum.com/a240
Accessories – general	200	
Overview – assembly devices	561	
More technical details	662	



Hinge systems



- ▶ **MODUL – hinges**
- ▶▶ **Blind corner application**

Blind corner hinge inset application

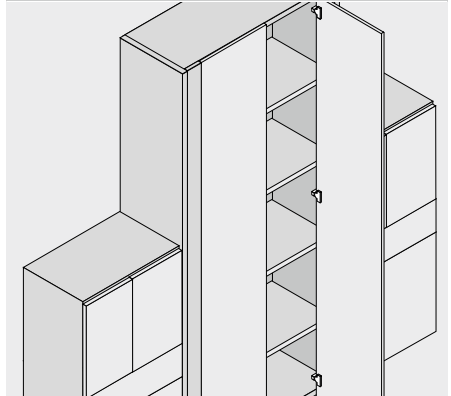
Webcode

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**
- 95° opening angle
- 3-dimensional front adjustment
- Integrated pull-out stop

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

Accessories

Hinge arm cover cap		
Print Stamp	Logo	Part no.
Plain	–	90M2503
Stamped	Blum	90M2503.BP

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

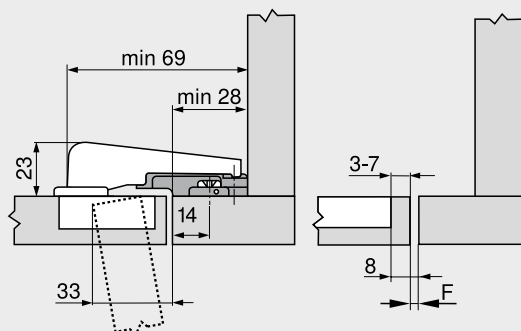
Webcode
DQE4MM

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



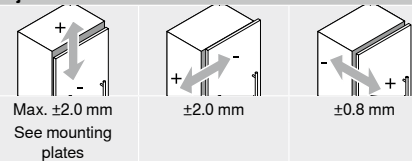
Fixing position from inside edge of muntin: 14 mm
Special mounting plate for blind corner application: 199.8130
F Gap

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

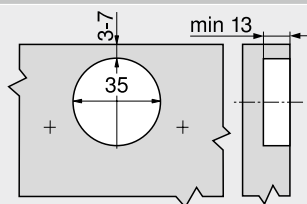
Drilling distance TB (mm)	Front thickness FD (mm)											
	16	18	19	20	22	24	26	28	29	30	31	32
3	0.2	0.3	0.4	0.5	0.8	1.0	1.5	1.9	Δ	Δ	Δ	Δ
4	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
5	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
6	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	Δ	Δ	Δ	Δ
7	0.2	0.3	0.4	0.5	0.7	0.9	1.4	1.7	Δ	Δ	Δ	Δ

Δ In these cases a trial is recommended

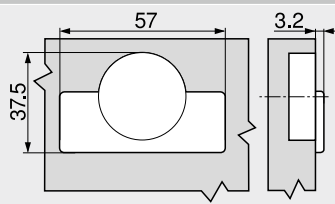
Adjustment



Screw-on



Hinge boss dimensions



Page instructions

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Hinge systems



- ▶ **MODUL – hinges**
- ▶▶ **Refrigerator application**

Refrigerator facade door hinge

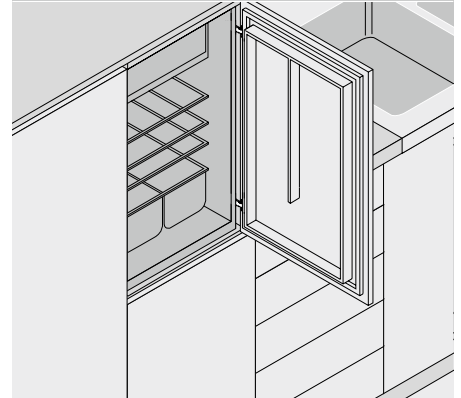
Webcode

DQE5BY



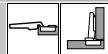
- Hinge for **refrigerator facade doors**
- Shallow hinge arm height
- Front thicknesses of up to 30 mm are possible
- **MODUL** with closing mechanism (spring)
- Slide on hinge arm
- Can only be combined with mounting plate **194K6100E**
- 95° opening angle
- Easy 3-dimensional front adjustment when attached to the refrigerator
- Assembly, adjustment and removal of front possible when refrigerator is installed
- Integrated pull-out stop

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

Accessories – general

Hinge boss cover cap		
Hinge	Colour	Part no.
MODUL	NI	70T3504
NI	Nickel plated	

Insertion ram		
Colour	Material	Part no.
Orange	Nylon	MZM.0040

Chipboard screws		
Ø (mm)	Length (mm)	Part no.
3.5	15	609.1500
3.5	17	609.1700

Refrigerator facade door hinge

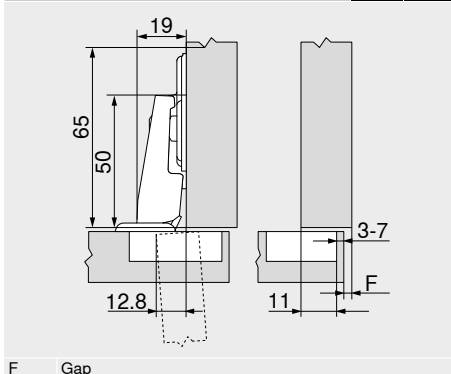
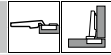
Webcode
DQE5BY

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

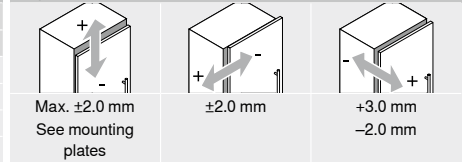
MD	Front overlay FA (mm)												
	6	7	8	9	10	11	12	13	14	15	16	17	18
0									3	4	5	6	7
3													
6													
9													

MD Mounting plate spacing (mm)

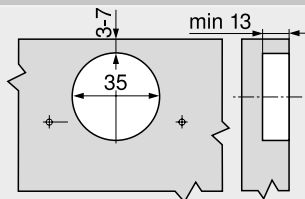
Minimum gap F for fronts with a front radius (R = 1 mm) based on the factory setting

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

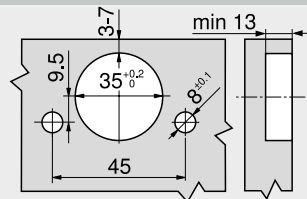
Adjustment



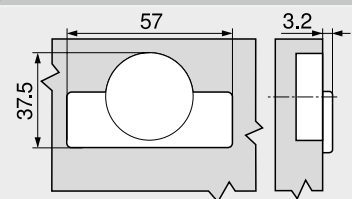
Screw-on



Knock-in



Hinge boss dimensions



Page instructions

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Hinge systems



- ▶ MODUL – hinges
- ▶▶ Mounting plates


Hinge systems

Description	Material	Adjustment	Height (mm)			
▶▶ Mounting plates						
Cruciform mounting plate	37/32 Zinc	Screws (two-part)	±2	196		
Cruciform mounting plate	37/32 Steel	Elongated hole	±2		197	
Cruciform mounting plate	37/32 Steel	Elongated hole	±3	196		197
Cruciform mounting plate for twin application	37/32 Steel	Elongated hole	±3			197
Cruciform mounting plate for blind corner applications	14/32 Zinc	Elongated hole	±2			197
Cruciform mounting plate for refrigerator facade door hinge	37/32 Steel	Elongated hole	±2		198	

Pictograph	
	Item Available Upon Request
	Chipboard screw fixing
	EXPANDO fixing
	System screw fixing

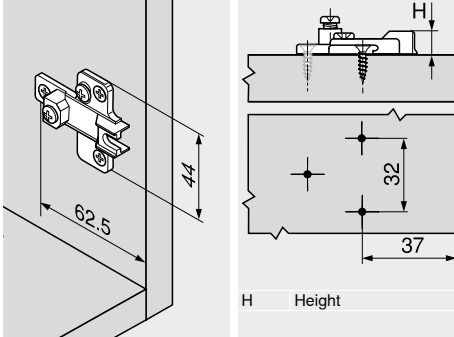
Cruciform mounting plate

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


Planning



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			

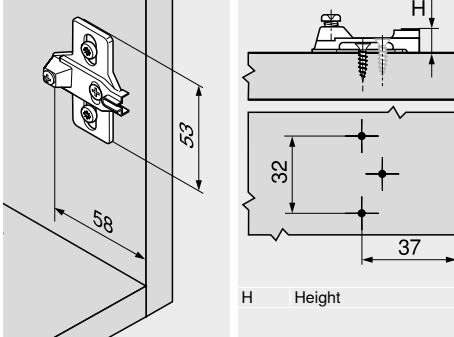
Cruciform mounting plate

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

Planning



Order information			
Spacing (mm)	Height (mm)	Colour	Part no.
0	8.3	NI	193L6100
3	11.3	NI	193L6130
NI Nickel plated			

Cruciform mounting plate

37/32



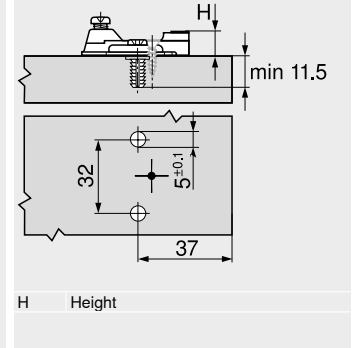
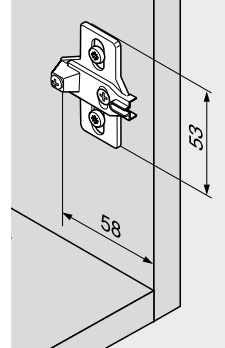
- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With height adjustment ± 2 mm
- Material: steel

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



Cruciform mounting plate

37/32



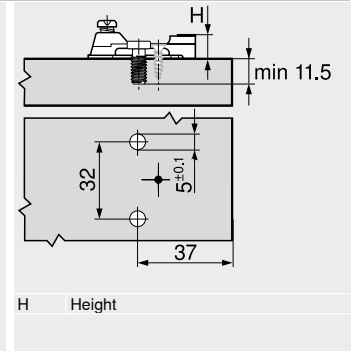
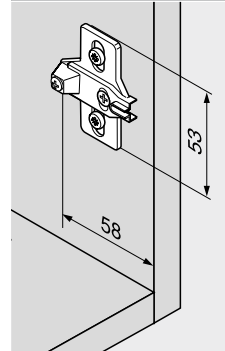
- Fixing with pre-mounted system screws $\varnothing 6$ mm
- With height adjustment ± 3 mm
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.3	NI	193L8100
3	11.3	NI	193L8130

NI Nickel plated

Planning



Cruciform mounting plate for twin application

37/32



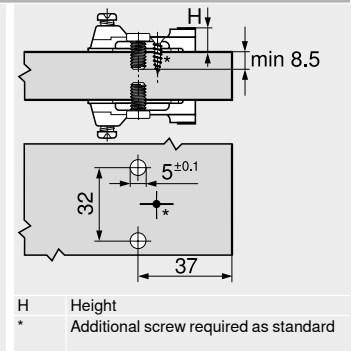
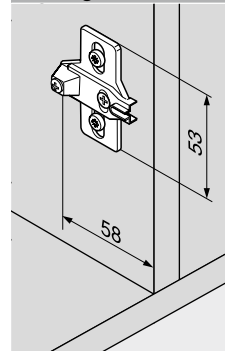
- Fixing with pre-mounted system screws $\varnothing 6$ mm
- With height adjustment ± 3 mm
- For twin application
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	8.3	NI	193L8100.21

NI Nickel plated

Planning



Cruciform mounting plate for blind corner applications

14/32



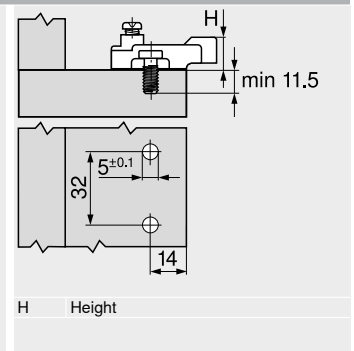
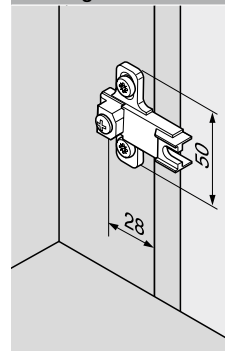
- Fixing with pre-mounted system screws $\varnothing 6$ mm
- With height adjustment ± 2 mm
- For blind corner applications
- Material: zinc

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
3	12.2	NI	199.8130

NI Nickel plated

Planning





Cruciform mounting plate for refrigerator facade door hinge

37/32

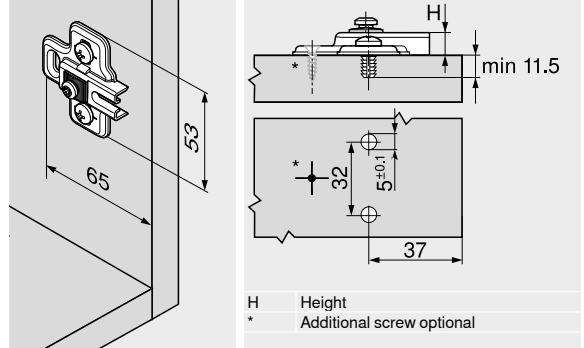


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With height adjustment ± 2 mm
- For refrigerator facade door hinge
- Material: steel

Order information

Spacing (mm)	Height (mm)	Colour	Part no.
0	10.3	NI	194K6100E
NI	Nickel plated		

Planning



Hinge arm cover cap

Hinge applications		Straight hinge arm		Cranked hinge arm 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
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

Hinge applications		MODUL BLUMOTION	MODUL
Blind corner hinge inset application			
	Material	Steel	
	Colour	NI	
Refrigerator facade door hinge			
	Material		Steel
	Colour		NI
	Part no.	70T3504	70T3504

NI Nickel plated

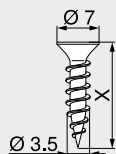
Hinge systems

blum

- ▶ **MODUL – hinges**
- ▶▶ **Accessories**

Chipboard screws

Ø 3.5 mm



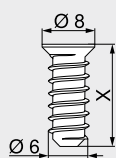
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

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
- Colour: nickel plated
- Material: steel

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

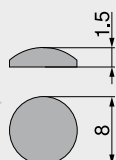
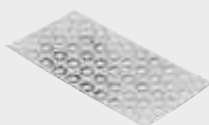


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer

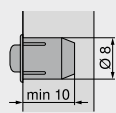


- For noise reduction
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Stick-on door buffer	993.710

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

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
- Colour: black/orange
- Material: nylon/steel

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
- Colour: black/orange
- Material: nylon/steel

Order information

Description	Part no.
Slotted screwdriver	314.928.1



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

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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

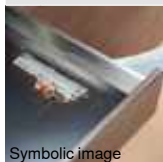


Simple. Excellent. Proven.
The single walled Box system made from steel offers a number of application options


▶ **LEGRABOX**

 Symbolic image	▶ LEGRABOX	204
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▶ **TIP-ON BLUMOTION for LEGRABOX**

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▶ **TIP-ON for LEGRABOX**

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▶ **TANDEMBOX intivo**

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▶ **TANDEMBOX antaro**

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▶ **TANDEMBOX plus**

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▶ **TIP-ON BLUMOTION for TANDEMBOX**

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▶ **SERVO-DRIVE for LEGRABOX | TANDEMBOX**

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▶ **METABOX**

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	▶▶ Overview – applications	354
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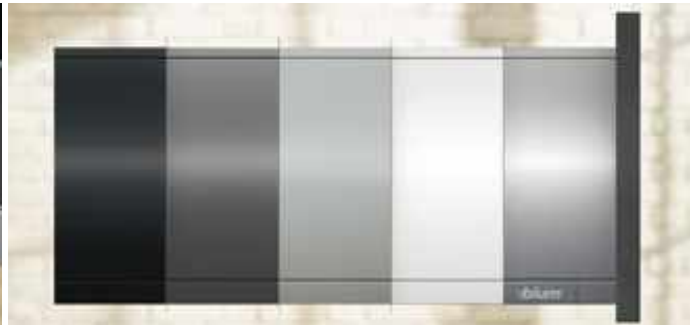


LEGRABOX – Experience Elegance



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 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

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	Assembly, removal and adjustment			
	Short-URL www.blum.com/a310			

Pictograph




Item Available Upon Request

Box systems


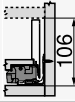

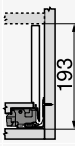

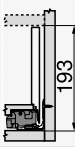





- ▶ **LEGRABOX**
- ▶▶ **Overview – applications**

Box systems

Applications	kg	Space re-quirement	Web-code	Page	Applications	kg	Space re-quirement	Web-code	Page
▶▶ Standard cabinet									
Drawer					Inner drawer				
	Drawer – N	40							
			DQBMJY	208					
	Drawer – M	40 70				Inner drawer – M	40 70		
			DQBN9A	210				DQBPD A	212
	Drawer – K	40 70				Inner drawer – K	40 70		
			DQBNYM	214				DQGPIM	216
▶▶ Standard cabinet – LEGRABOX pure									
High fronted pull-out					Inner pull-out				
	High fronted pull-out – C	40 70				Inner pull-out – design element – C	40 70		
			DQBQ2M	218				DQBSVY	220
						Inner pull-out – gallery – C	40 70		
								DQBTLA	222
	High fronted pull-out – F	40 70							
			DQBRHA	224					
▶▶ Standard cabinet – LEGRABOX free									
High fronted pull-out					Inner pull-out				
	High fronted pull-out – C	40 70				Inner pull-out – design element – C	40 70		
			DQBQRY	226				DQBUAM	228
						Inner pull-out – gallery – C	40 70		
								DQBUZY	230

kg Dynamic carrying capacity

Applications	kg	Space re-quirement	Web-code	Page	Applications	kg	Space re-quirement	Web-code	Page
▶▶ Sink cabinet									
Drawer									
 Drawer – M	40		 DQBONY	232	Inner drawer				
High fronted pull-out									
 High fronted pull-out – C	40		 DQBS6M	234	Inner pull-out				
 High fronted pull-out – C – centre piece	40		 DQCYEM	236					
▶▶ Larder unit									
 SPACE TOWER	40 70								
Cabinet width 275–1200 mm			DQGQ7Y	238					
▶▶ Narrow cabinets									
 SPACE TWIN	20								
Cabinet width 200 mm			DQGTQM	240					
▶▶ Design element									
 Glass design element				242					
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		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					

Box systems

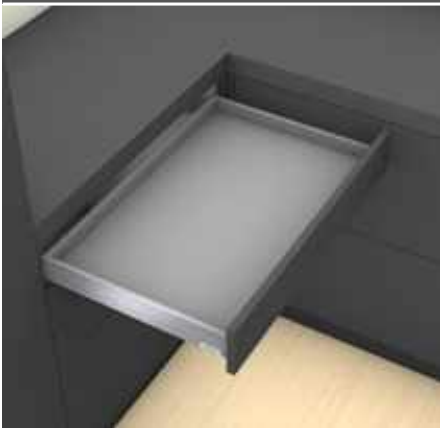


- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet**

Drawer – N

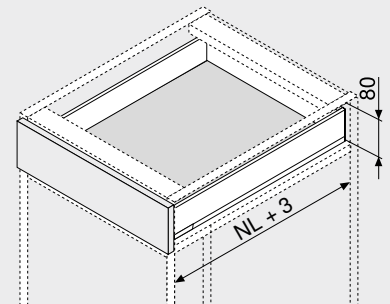
Webcode

DQBMJY



- Suitable for LEGRABOX pure and LEGRABOX free
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Two-dimensional front setting in the drawer side

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
	Drawer side height (mm) 66.5
Nominal length NL (mm)	Colour
400	TS-M OG-M PS-M SW-M
450	INGL
500	
550	

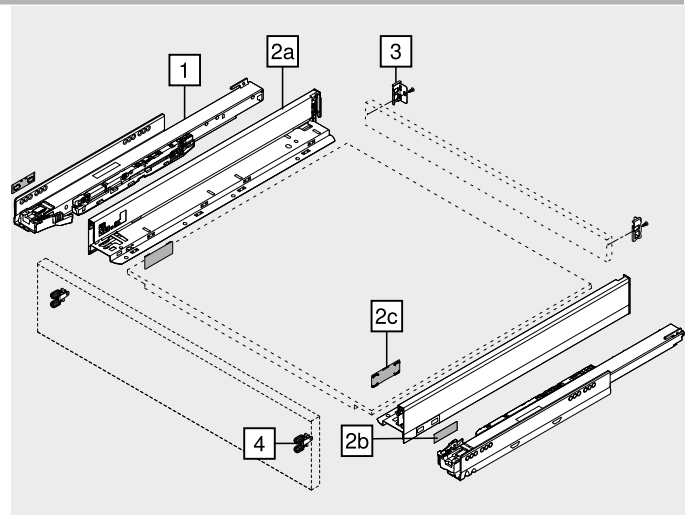
Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

3	Back fixing left/right
	Colour
	TS-M OG-M PS-M SW-M NI
	Material Steel
	Part no. ZB7N000S

4	Front fixing bracket
	Fixing method
	Screw-on 2 x ZF7N7002
	EXPANDO 2 x ZF7N70E2
	EXPANDO T 2 x ZF7N70T2

EXPANDO T suitable for thin fronts – see page instructions



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

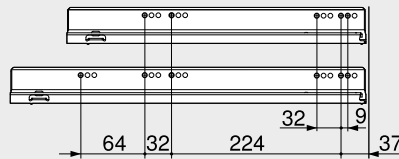
Space requirement in cabinet	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO front	Installation dimensions – back
<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	<p>FA Front overlay * +1 mm if cabinet profile is installed before the cabinet is assembled</p>	<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	

Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

400 | 450 | 500

550

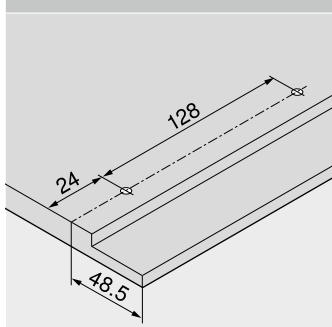


Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard

<p>B Back 39 mm LW – 38 mm</p>	<p>KB Cabinet width LW Internal cabinet width NL Nominal length</p>
<p>A Base Chipboard back NL – 10 mm Steel back NL – 21 mm LW – 35 mm 16 38 8</p>	
<p>Notch dimensions</p>	

Drilling distances – drawer base



Page instructions

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Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories	243		
		Cabinet profile fixing positions	247		
		Overview – assembly devices	561		
				Short-URL www.blum.com/a310	

Box systems

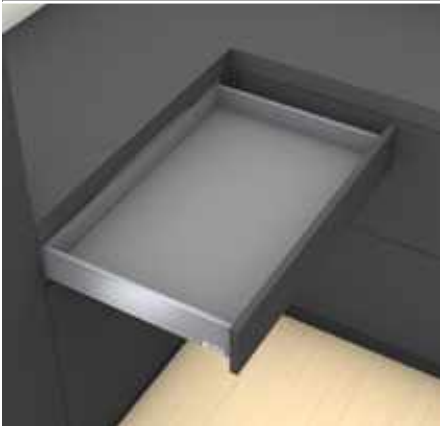


- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet**

Drawer – M

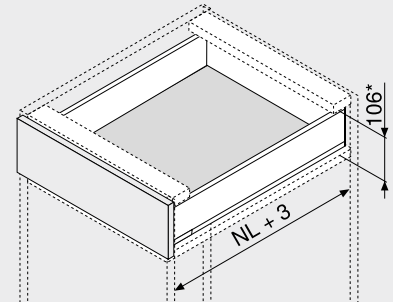
Webcode

DQBN9A



- Suitable for LEGRABOX pure and LEGRABOX free
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1		Cabinet profiles left/right	
		BLUMOTION S	
Nominal length		Dynamic carrying capacity (kg)	
NL (mm)	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	
		Drawer side height (mm) 90.5	
Nominal length		Colour	
NL (mm)	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	

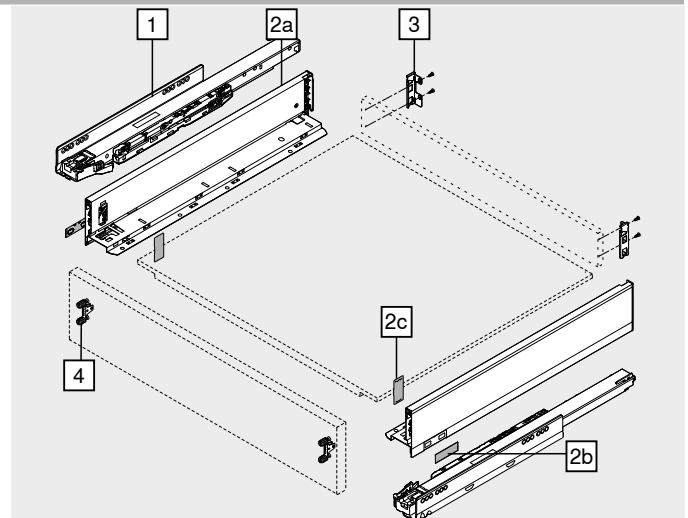
Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

3		Back fixing left/right	
		Colour	Material
		TS-M OG-M PS-M SW-M NI	Steel
			Part no. 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



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	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO front	Installation dimensions – back
<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p> <p>** Incl. 2 mm tilt adjustment</p>	<p>FA Front overlay</p> <p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	

Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

270	
300 350	
400 450 500	
550 600	

Cutting – 16 mm chipboard

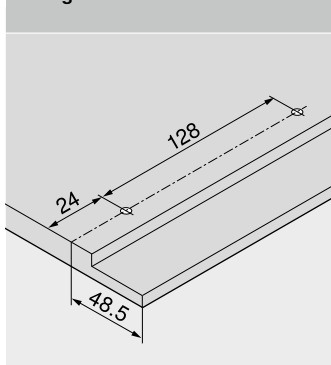
<p>B Back 63 mm LW – 38 mm</p>	
<p>A Base Chipboard back NL – 10 mm Steel back NL – 21 mm LW – 35 mm Notch dimensions 38 mm</p>	
	<p>KB Cabinet width LW Internal cabinet width NL Nominal length</p>

Cabinet profile 753 – 70 kg

Nominal length NL (mm)

450	
500 550 600	
650	

Drilling distances – drawer base



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

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		Accessories	243		
		Cabinet profile fixing positions	247	Short-URL	
				www.blum.com/a310	

Box systems

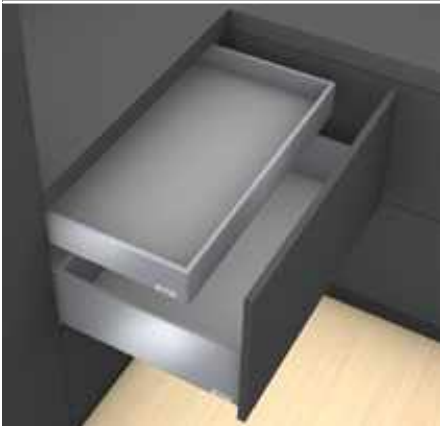


- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet**

Inner drawer – M

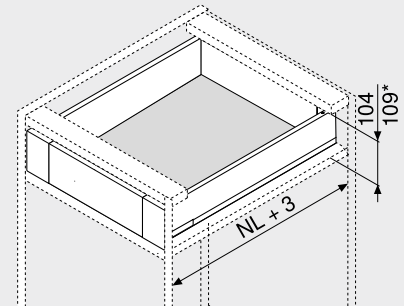
Webcode

DQBPD



- Inner drawer with solid front piece
- Suitable for LEGRABOX pure and LEGRABOX free
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Inner drawer with latch set

Order information

1	Cabinet profiles left/right	
	BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)	
NL (mm)	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

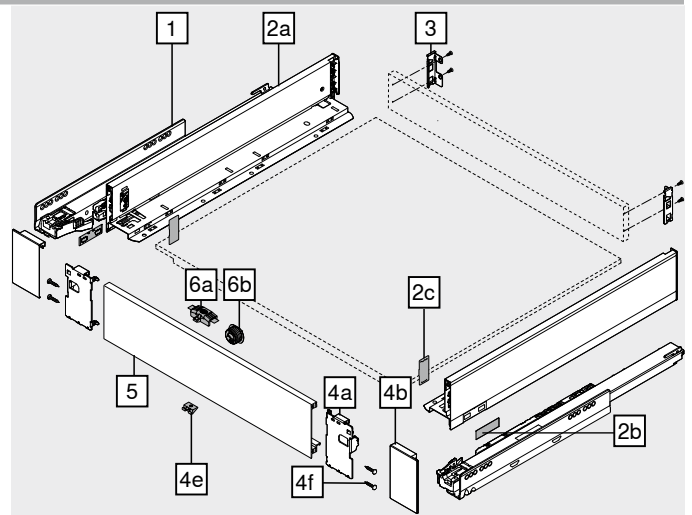
2	Drawer side set	
	Drawer side height (mm) 90.5	
Nominal length	Colour	
NL (mm)	TS-M OG-M PS-M SW-M	INGL
270	770M2702S	770M2702I
300	770M3002S	770M3002I
350	770M3502S	770M3502I
400	770M4002S	770M4002I
450	770M4502S	770M4502I
500	770M5002S	770M5002I
550	770M5502S	770M5502I
600	770M6002S	770M6002I
650	770M6502S	770M6502I

Composed of:
2a 1 x Left/right drawer sides
2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
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			

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

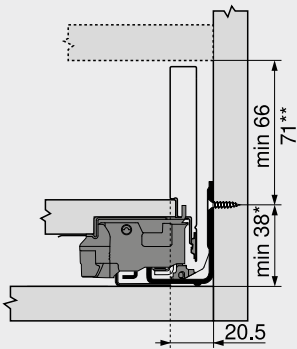
Colour		Colour	
TS-M	Terra black matt	INGL	Stainless steel (Inox) Anti-fingerprint
OG-M	Orion grey matt	NI	Nickel plated
PS-M	Polar silver matt	NI-M	Matt nickel
SW-M	Silk white matt		

Inner drawer – M

Webcode
DQBPA

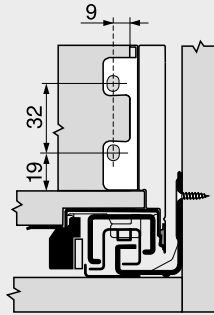
Planning

Space requirement in cabinet

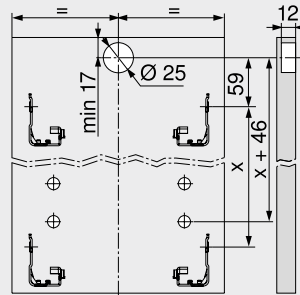


* +1 mm if cabinet profile is installed before the cabinet is assembled
** Inner drawer with latch set possible from height 71 mm

Installation dimensions – back

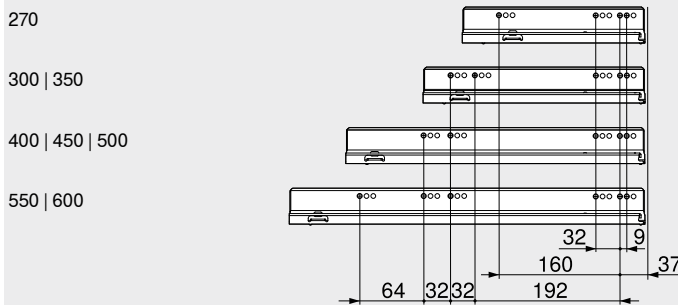


Drilling distances – front – latch housing

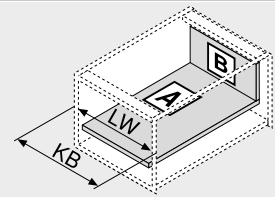
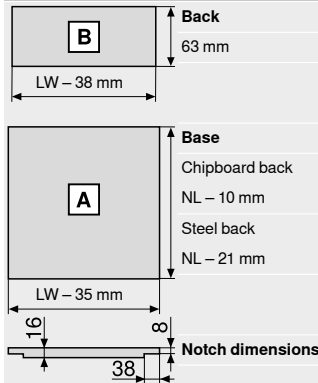


Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

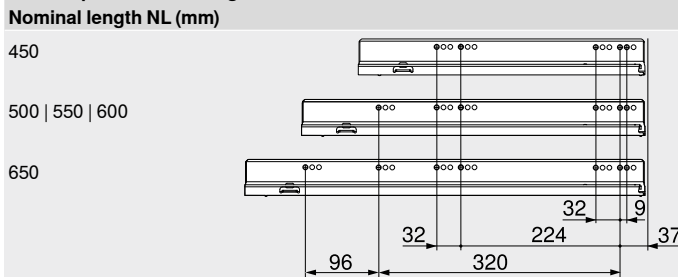


Cutting – 16 mm chipboard

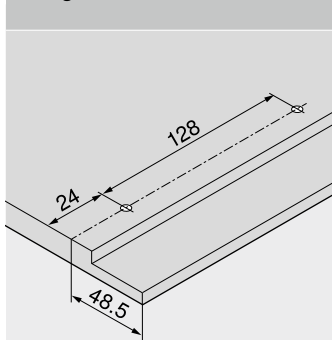


KB Cabinet width
LW Internal cabinet width
NL Nominal length

Cabinet profile 753 – 70 kg
Nominal length NL (mm)



Drilling distances – drawer base



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

Overview – LEGRABOX	205	Accessories – steel back	243	Assembly, removal and adjustment
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Overview – AMBIA-LINE for LEGRABOX	503	More technical details	662	Short-URL
Overview – CABLOXX	552			www.blum.com/a310



Box systems

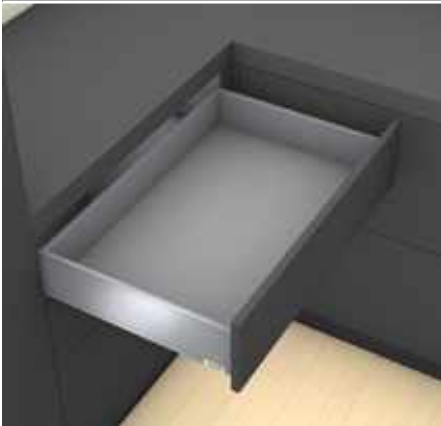


- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet**

Drawer – K

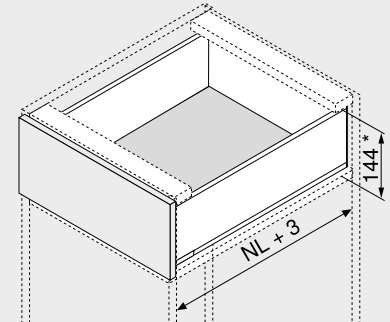
Webcode

DQBNYM



- Suitable for LEGRABOX pure and LEGRABOX free
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1	Cabinet profiles left/right	
	BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)	
NL (mm)	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	
	Drawer side height (mm) 128.5	
Nominal length	Colour	
NL (mm)	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	

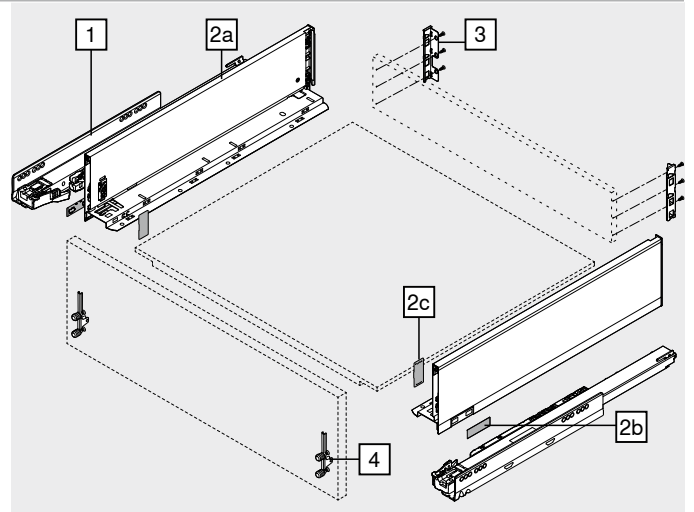
Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 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



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

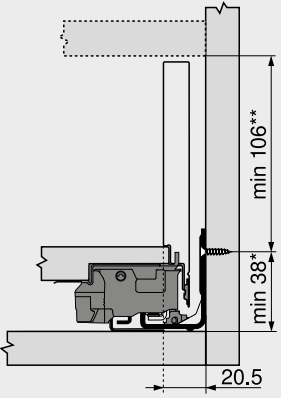
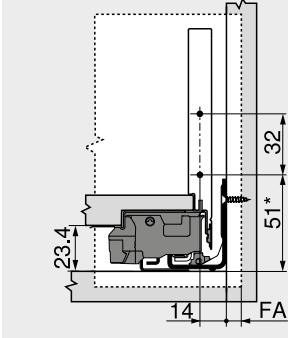
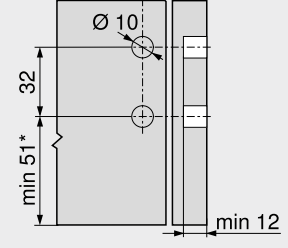
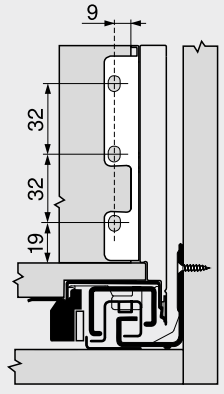
For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
In order to achieve optimal assembly, we recommend that you use flat headed screws

Colour	Colour	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	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO front	Installation dimensions – back
			
<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p> <p>** Incl. 2 mm tilt adjustment</p>	<p>FA Front overlay</p> <p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	

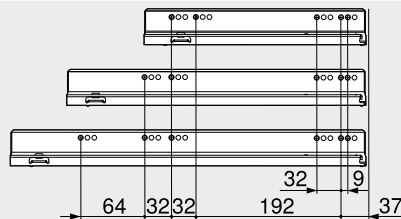
Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

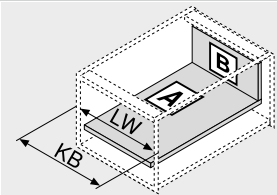
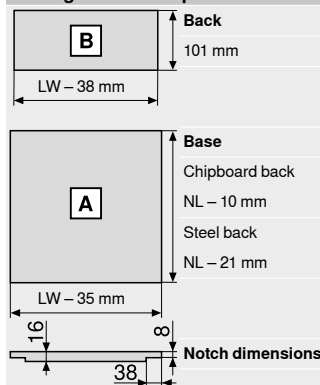
300 | 350

400 | 450 | 500

550 | 600



Cutting – 16 mm chipboard



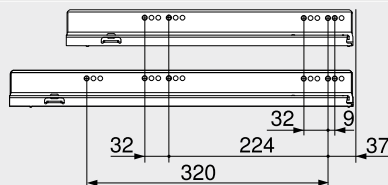
KB Cabinet width
LW Internal cabinet width
NL Nominal length

Cabinet profile 753 – 70 kg

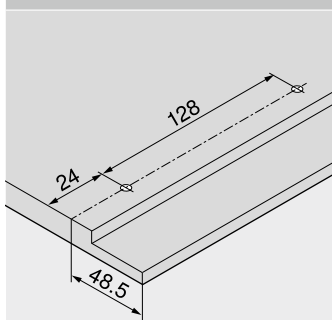
Nominal length NL (mm)

450

500 | 550 | 600




Drilling distances – drawer base



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

Overview – LEGRABOX	205	Overview – TIP-ON BLUMOTION for LEGRABOX	249	Overview – assembly devices	561
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Assembly recommendation and limitation of liability – EXPANDO T	555	Overview – AMBIA-LINE for LEGRABOX	503	Assembly, removal and adjustment 	
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	CABLOXX	552		
		Accessories – steel back	243		
		Accessories	243	Short-URL www.blum.com/a310	
		Cabinet profile fixing positions	247		

Box systems

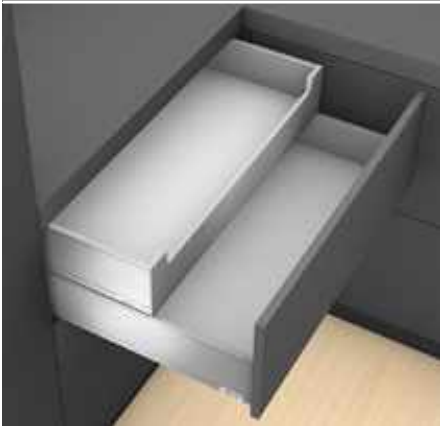


- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet**

Inner drawer – K

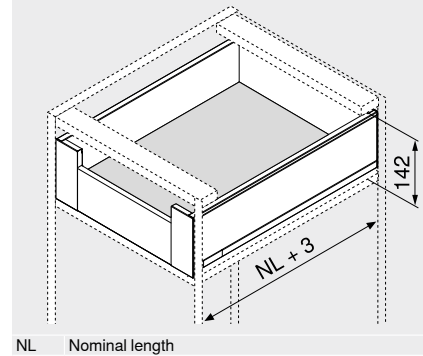
Webcode

DQGPIIM



- Inner drawer with mid-height solid front piece
- Suitable for LEGRABOX pure and LEGRABOX free
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



Order information

1		Cabinet profiles left/right	
		BLUMOTION S	
Nominal length		Dynamic carrying capacity (kg)	
NL (mm)	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	
		Drawer side height (mm) 128.5	
Nominal length		Colour	
NL (mm)		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 Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

3		Back fixing left/right	
		Colour	Part no.
		TS-M OG-M PS-M SW-M NI	Steel
			ZB7K000S

4		Front piece set	
		Colour	Part no.
		TS-M OG-M PS-M SW-M	Steel
		INGL	Stainless steel
			Z17.0K50
			Z17.0K10

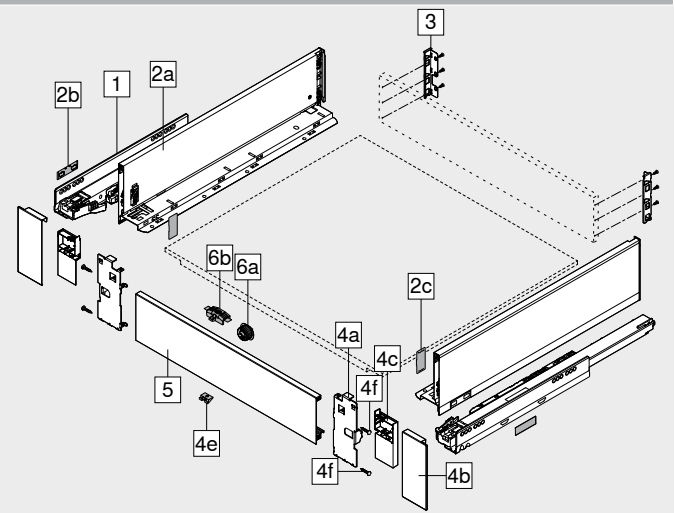
Composed of:

- 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	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



Accessories

6		Latch set	
		Colour	Material
		TS-M OG-M PS-M SW-M	Nylon
			Part no.
			Z17.0M07

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)
		4	15
			Part no.
			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

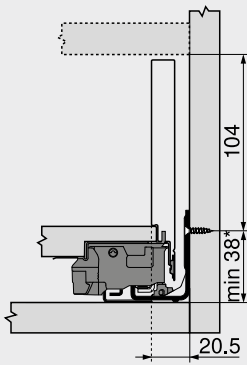
Colour		Colour	
TS-M	Terra black matt	INGL	Stainless steel (Inox) Anti-fingerprint
OG-M	Orion grey matt	NI	Nickel plated
PS-M	Polar silver matt	NI-M	Matt nickel
SW-M	Silk white matt		

Inner drawer – K

Webcode
DQGPIM

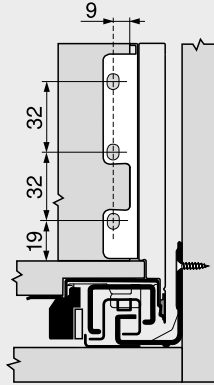
Planning

Space requirement in cabinet

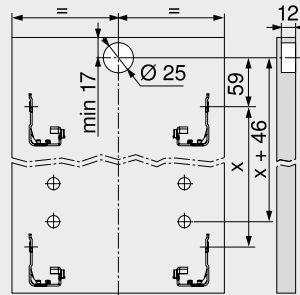


* +1 mm if cabinet profile is installed before the cabinet is assembled

Installation dimensions – back



Drilling distances – front – latch housing



Hole spacing – cabinet profiles

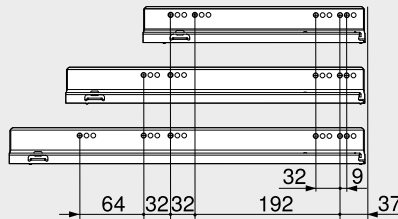
Cabinet profile 750 – 40 kg

Nominal length NL (mm)

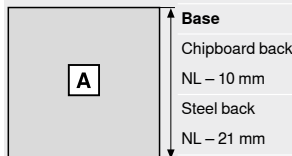
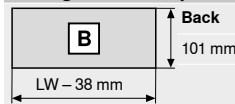
300 | 350

400 | 450 | 500

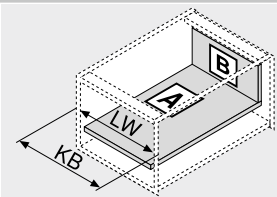
550 | 600



Cutting – 16 mm chipboard



Notch dimensions



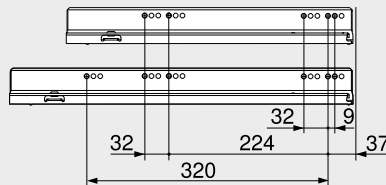
KB Cabinet width
LW Internal cabinet width
NL Nominal length

Cabinet profile 753 – 70 kg

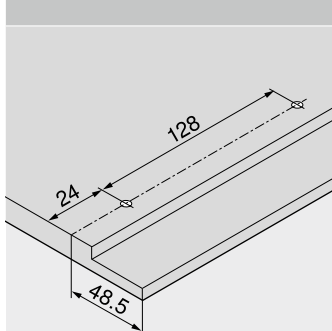
Nominal length NL (mm)

450

500 | 550 | 600



Drilling distances – drawer base



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

Overview – LEGRABOX	205	Accessories – steel back	243	Assembly, removal and adjustment
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories	243	
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Overview – CABLOXX	552			
				Short-URL
				www.blum.com/a310



Box systems



- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet – LEGRABOX pure**

High fronted pull-out – C

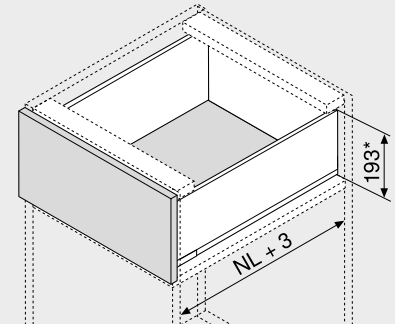
Webcode

DQBQ2M



- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1	Cabinet profiles left/right	
	BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)	
NL (mm)	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	
	Drawer side height (mm) 177	
Nominal length	Colour	
NL (mm)	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

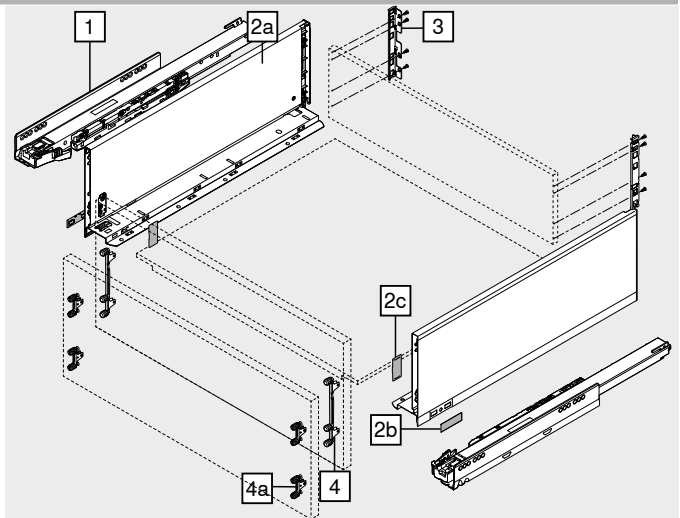
Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 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

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

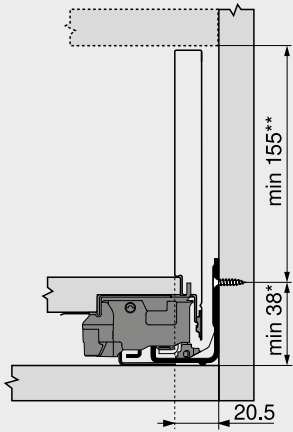
Colour		Colour	
TS-M	Terra black matt	SW-M	Silk white matt
OG-M	Orion grey matt	INGL	Stainless steel (Inox) Anti-fingerprint
PS-M	Polar silver matt	NI	Nickel plated

High fronted pull-out – C

Webcode
DQBQ2M

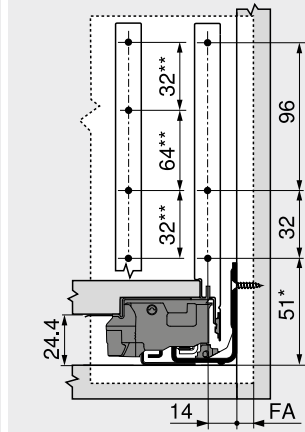
Planning

Space requirement in cabinet



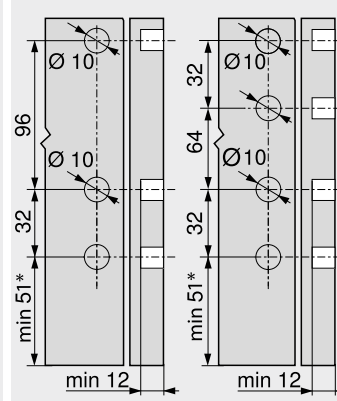
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

Installation dimensions – front – screw-on



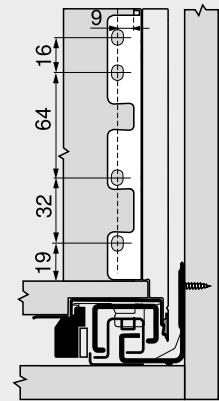
FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

Drilling distances – front – EXPANDO front



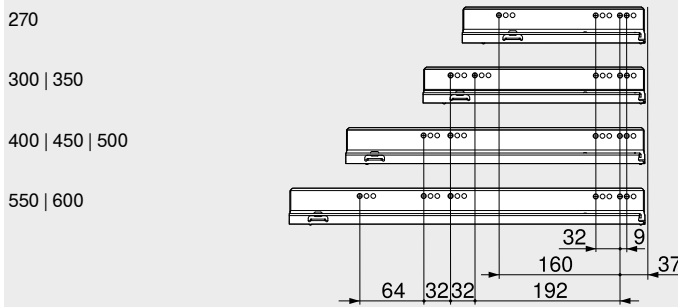
4 4a
* +1 mm if cabinet profile is installed before the cabinet is assembled

Installation dimensions – back

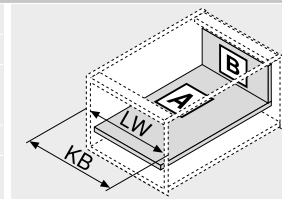
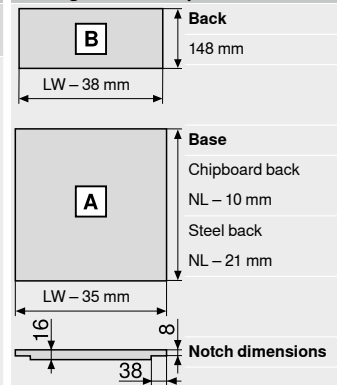


Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

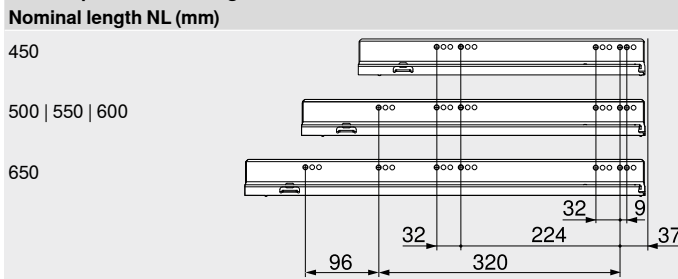


Cutting – 16 mm chipboard

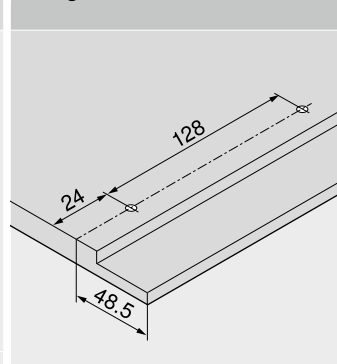


KB Cabinet width
LW Internal cabinet width
NL Nominal length

Cabinet profile 753 – 70 kg
Nominal length NL (mm)



Drilling distances – drawer base



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

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		Accessories – steel back	243		
		Accessories	243	Short-URL	
		Cabinet profile fixing positions	247	www.blum.com/a310	

Box systems



- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet – LEGRABOX pure**

Inner pull-out – design element – C

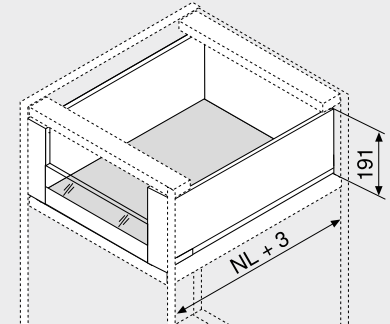
Webcode

DQBSVY



- Inner pull-out with a high or low design element
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length

Order information

1	Cabinet profiles left/right	
	BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)	
NL (mm)	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	
	Drawer side height (mm) 177	
Nominal length	Colour	
NL (mm)	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:

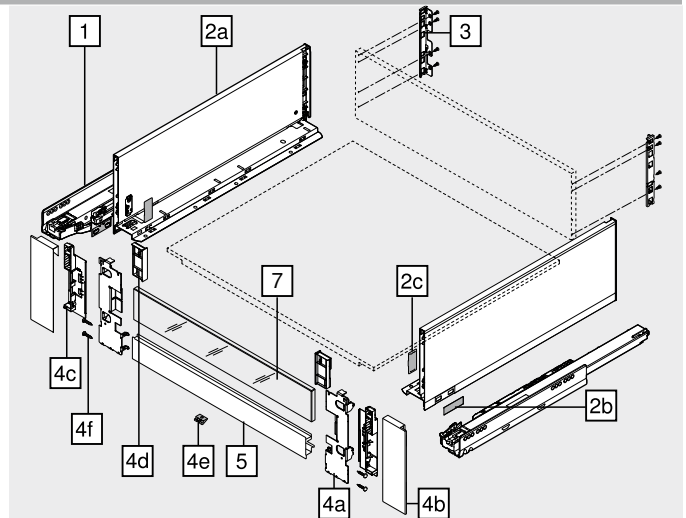
- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

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

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	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		

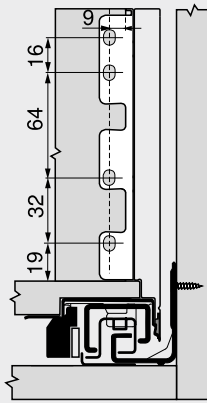
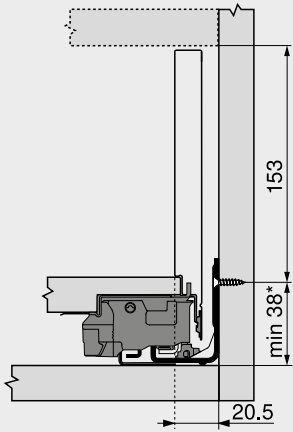
Inner pull-out – design element – C

Webcode
 DQBSVY

Planning

Space requirement in cabinet

Installation dimensions – back

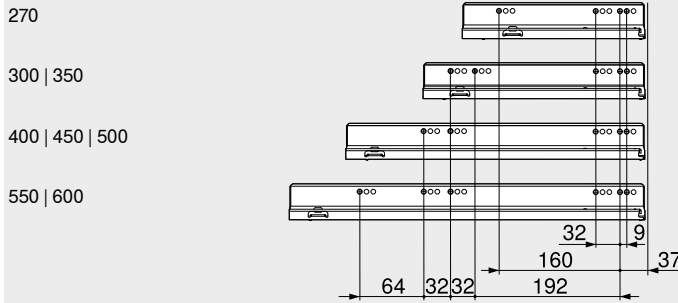


* +1 mm if cabinet profile is installed before the cabinet is assembled

Hole spacing – cabinet profiles

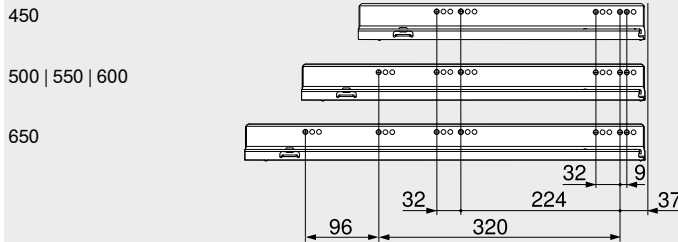
Cabinet profile 750 – 40 kg

Nominal length NL (mm)



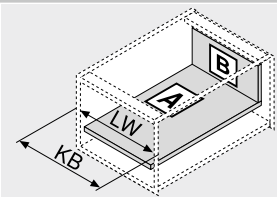
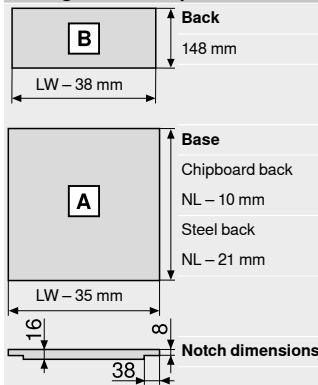
Cabinet profile 753 – 70 kg

Nominal length NL (mm)



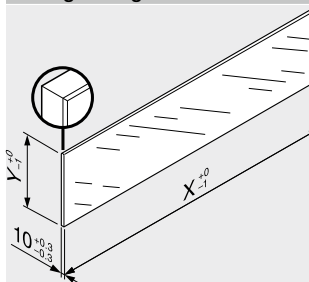
Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard



KB Cabinet width
 LW Internal cabinet width
 NL Nominal length

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	205	Design element	242
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories – steel back	243
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Overview – TIP-ON for LEGRABOX	255	Cabinet profile fixing positions	247
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Overview – CABLOXX	552	More technical details	662

Assembly, removal and adjustment

Short-URL
www.blum.com/a310



Box systems



- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet – LEGRABOX pure**

Inner pull-out – gallery – C

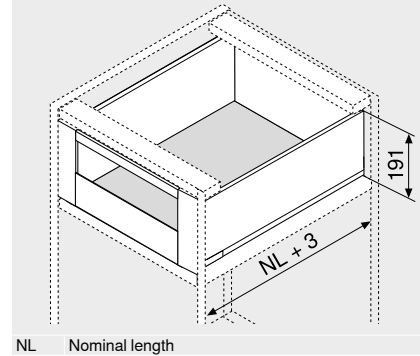
Webcode

DQBTLA



- Inner pull-out with gallery
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



Box systems

Order information

1		Cabinet profiles left/right	
		BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)		
NL (mm)	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	
		Drawer side height (mm)	177
Nominal length		Colour	
NL (mm)	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:

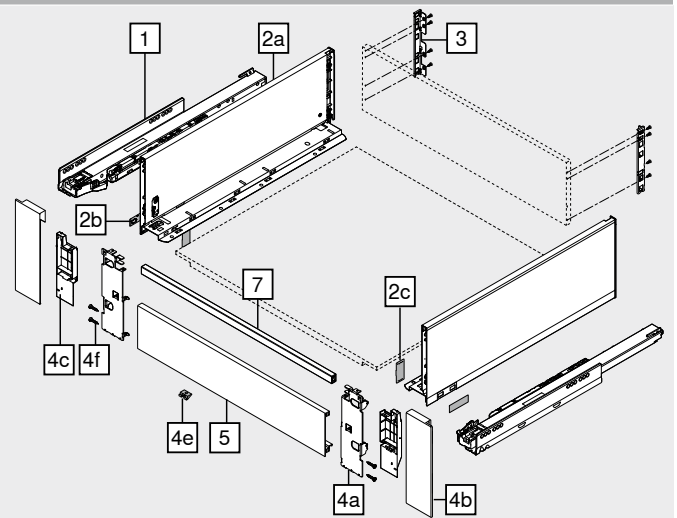
- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

3		Back fixing left/right	
		Colour	Part no.
	TS-M OG-M PS-M SW-M NI	Steel	ZB7C000S

4		Front piece set	
		Colour	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	Part no.
	TS-M OG-M PS-M SW-M NI-M	Length (mm)	1043
			ZV7.1043C01
Suitable for cabinet width KB 1200 mm			
Cutting Internal cabinet width LW – 126 mm			

7		Cross gallery	
		Colour	Part no.
	TS-M OG-M PS-M SW-M NI-M	Length (mm)	1080
			ZR7.1080U
Suitable for cabinet width KB 1200 mm			
Cutting Internal cabinet width LW – 90 mm			

Accessories

–		Fixing screw	
		Ø (mm)	Part no.
	4	Length (mm)	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		

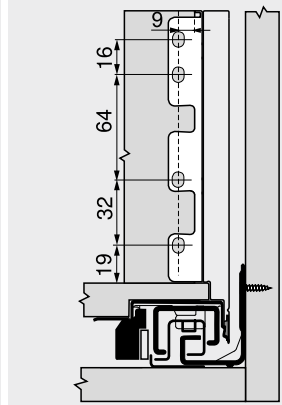
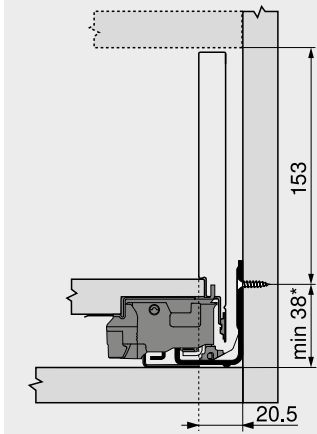
Inner pull-out – gallery – C

Webcode
DQBTLA

Planning

Space requirement in cabinet

Installation dimensions – back

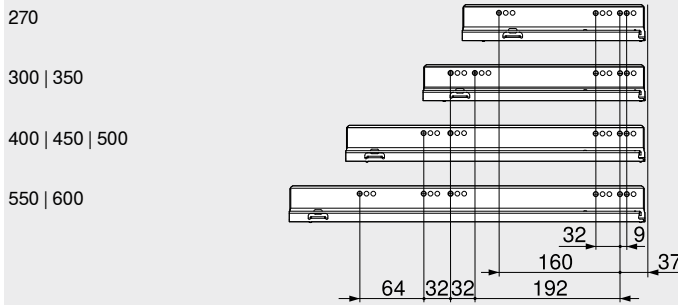


* +1 mm if cabinet profile is installed before the cabinet is assembled

Hole spacing – cabinet profiles

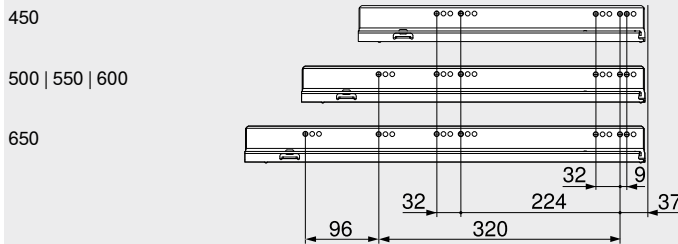
Cabinet profile 750 – 40 kg

Nominal length NL (mm)



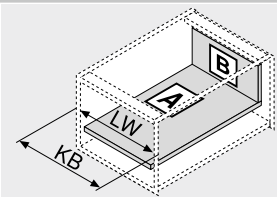
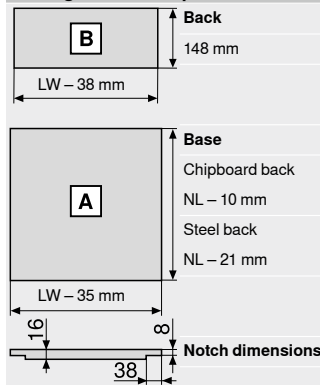
Cabinet profile 753 – 70 kg

Nominal length NL (mm)



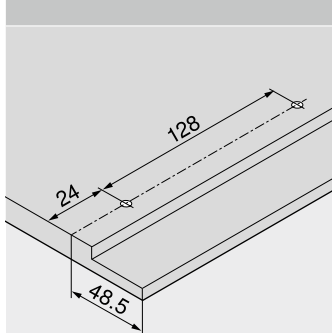
Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard



KB Cabinet width
LW Internal cabinet width
NL Nominal length

Drilling distances – drawer base



Page instructions

Overview – LEGRABOX	205	Accessories – steel back	243	Assembly, removal and adjustment
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories	243	
Overview – TIP-ON BLUMOTION for LEGRABOX	249	Cabinet profile fixing positions	247	Short-URL www.blum.com/a310
Overview – TIP-ON for LEGRABOX	255	Overview – assembly devices	561	
Overview – AMBIA-LINE for LEGRABOX CABLOXX	503	More technical details	662	
	552			



Box systems



- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet – LEGRABOX pure**

High fronted pull-out – F

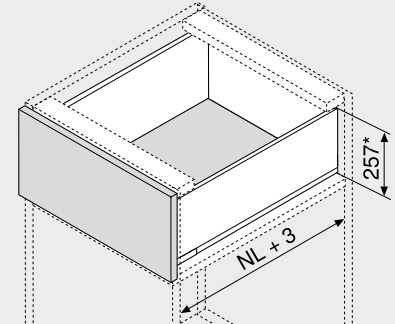
Webcode

DQBRHA



- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1	Cabinet profiles left/right	
	BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)	
NL (mm)	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	
	Drawer side height (mm) 241	
Nominal length	Colour	
NL (mm)	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 Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

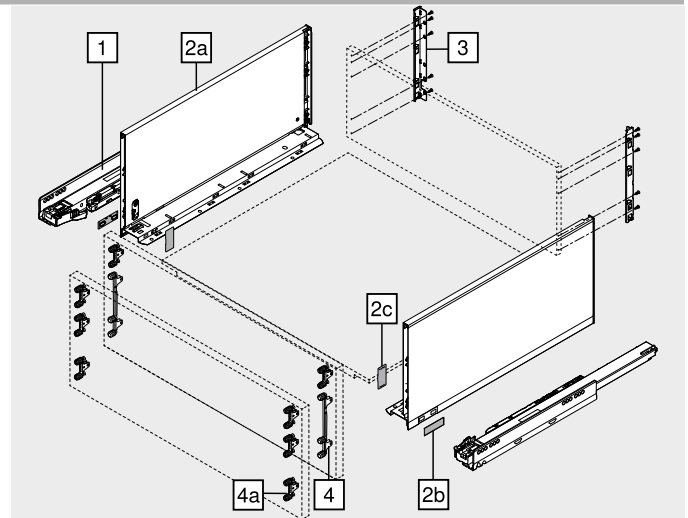
3	Back fixing left/right		
	Colour	Material	Part no.
	TS-M OG-M PS-M SW-M NI	Steel	ZB7F000S

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

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

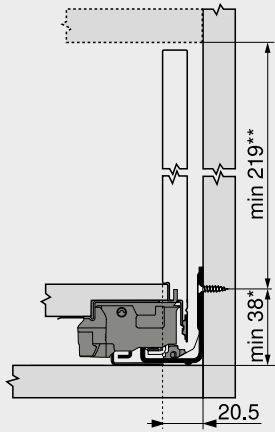
Colour		Colour	
TS-M	Terra black matt	SW-M	Silk white matt
OG-M	Orion grey matt	INGL	Stainless steel (Inox) Anti-fingerprint
PS-M	Polar silver matt	NI	Nickel plated

High fronted pull-out – F

Webcode
DQBRHA

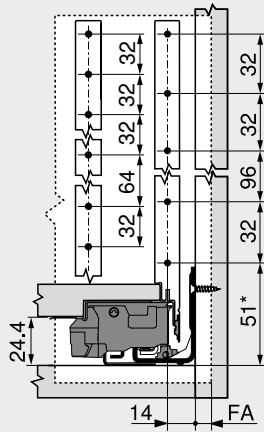
Planning

Space requirement in cabinet



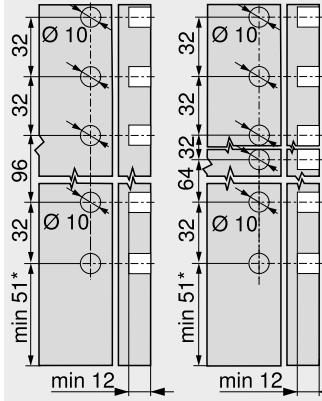
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

Installation dimensions – front – screw-on



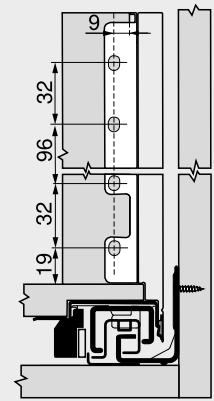
FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled

Drilling distances – front – EXPANDO front



4 4a
* +1 mm if cabinet profile is installed before the cabinet is assembled

Installation dimensions – back front

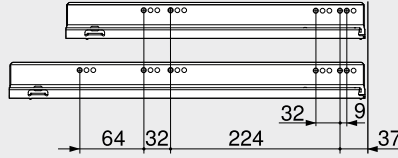


Hole spacing – cabinet profiles

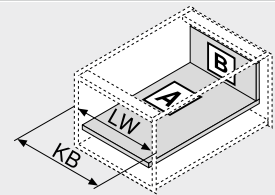
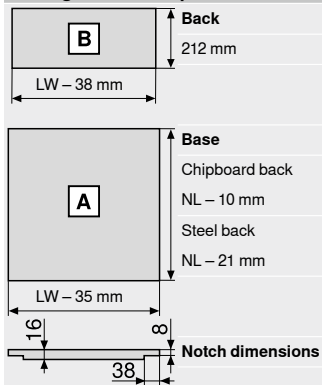
Cabinet profile 750 – 40 kg
Nominal length NL (mm)

400 | 450 | 500

550 | 600



Cutting – 16 mm chipboard



KB Cabinet width
LW Internal cabinet width
NL Nominal length

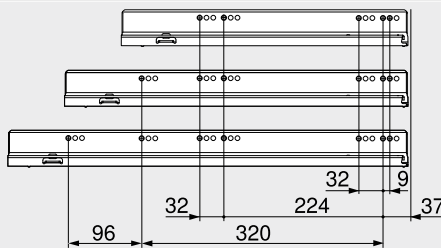
Cabinet profile 753 – 70 kg

Nominal length NL (mm)

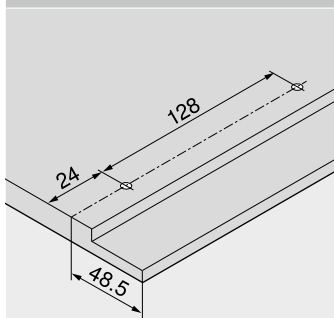
450

500 | 550 | 600

650




Drilling distances – drawer base



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

Overview – LEGRABOX	205	Overview – TIP-ON BLUMOTION for LEGRABOX	249	Overview – assembly devices	561
Fixing system for thin fronts – EXPANDO T	554	Overview – TIP-ON for LEGRABOX	255	More technical details	662
Assembly recommendation and limitation of liability – EXPANDO T	555	Overview – AMBIA-LINE for LEGRABOX	503	Assembly, removal and adjustment 	
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	CABLOXX	552		
		Accessories – steel back	243		
		Accessories	243		
		Cabinet profile fixing positions	247	Short-URL www.blum.com/a310	

Box systems



- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet – LEGRABOX free**

High fronted pull-out – C

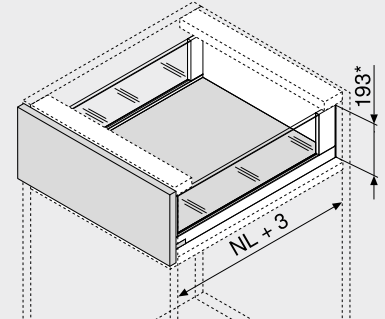
Webcode

DQBQRY



- Large side design element
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1		Cabinet profiles left/right
		BLUMOTION S
	Nominal length	Dynamic carrying capacity (kg)
	NL (mm)	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	750.6501S 753.6501S

2		Drawer side set
		Drawer side height (mm) 177
	Nominal length	Colour
	NL (mm)	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 Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
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

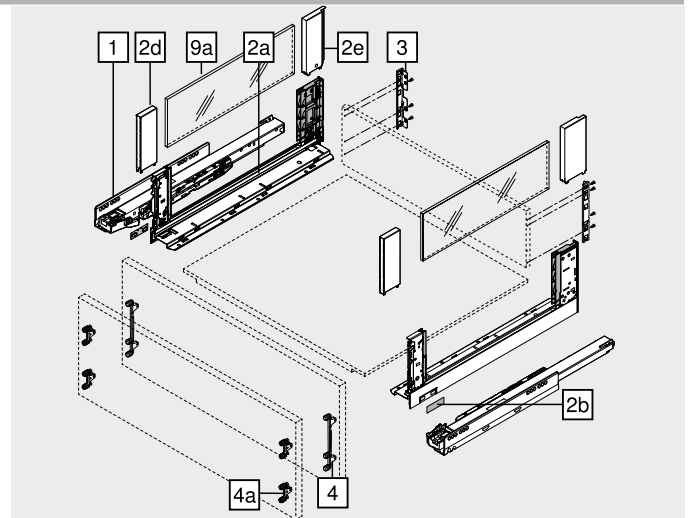
4		Front fixing bracket
	Fixing method	Part no.
	Screw-on	2 x ZF7C7002
	EXPANDO	2 x ZF7C70E2
	EXPANDO T	2 x ZF7C70T2

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

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)

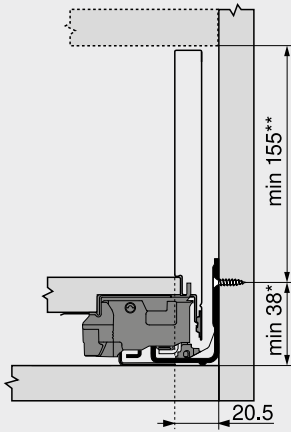
	Colour	Colour	
TS-M	Terra black matt	SW-M	Silk white matt
OG-M	Orion grey matt	INGL	Stainless steel (Inox) Anti-fingerprint
PS-M	Polar silver matt	NI	Nickel plated

High fronted pull-out – C

Webcode
DQBQRV

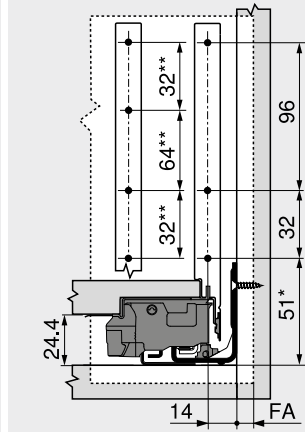
Planning

Space requirement in cabinet



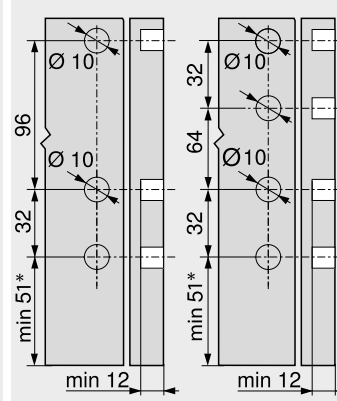
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

Installation dimensions – front – screw-on



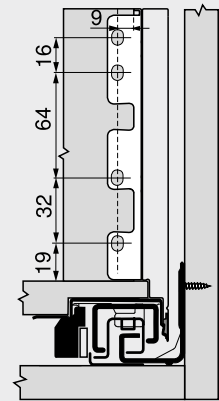
FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

Drilling distances – front – EXPANDO front



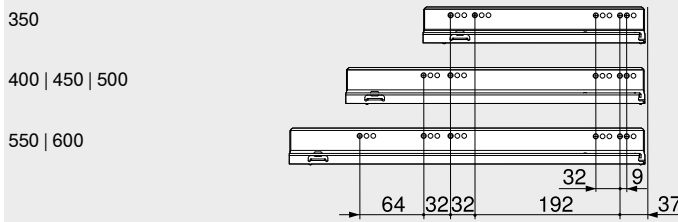
4
* +1 mm if cabinet profile is installed before the cabinet is assembled

Installation dimensions – back

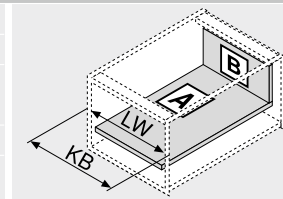
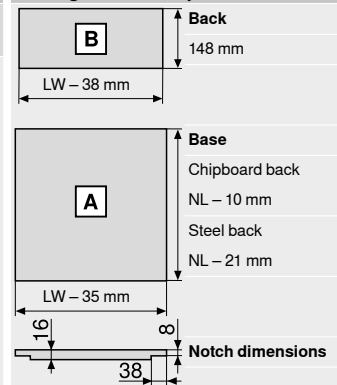


Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

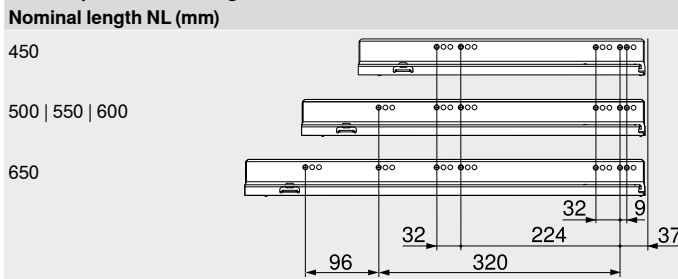


Cutting – 16 mm chipboard

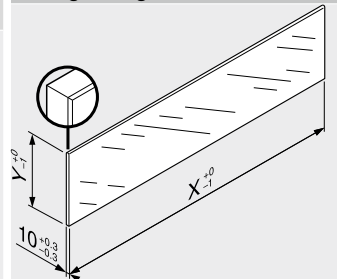


KB Cabinet width
LW Internal cabinet width
NL Nominal length

Cabinet profile 753 – 70 kg
Nominal length NL (mm)



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.

Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

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			243	Short-URL	
				www.blum.com/a310	

Box systems

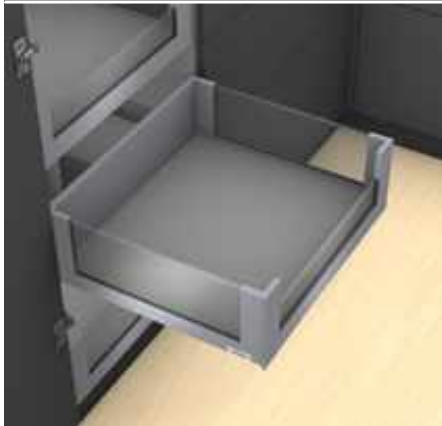


- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet – LEGRABOX free**

Inner pull-out – design element – C

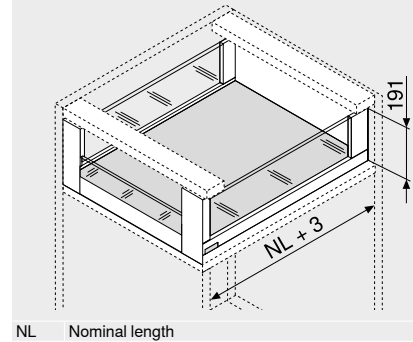
Webcode

DQBUAM



- Large side design element
- Inner pull-out with a high or low design element
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length

Order information

1	Cabinet profiles left/right	
	BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)	
NL (mm)	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	
	Drawer side height (mm) 177	
Nominal length	Colour	
NL (mm)	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:

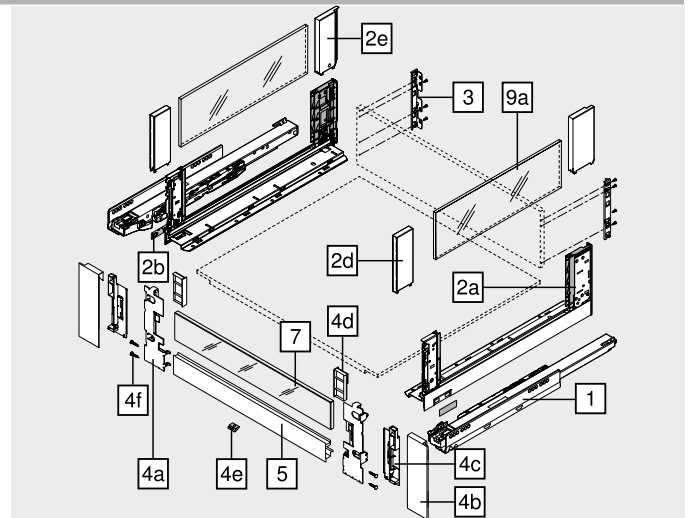
2a	1 x Left/right drawer sides
2b	2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
2d	2 x BOXCOVER front
2e	2 x BOXCOVER back

3	Back fixing left/right	
	Colour	Part no.
	TS-M OG-M PS-M SW-M NI	ZB7C000S
	Material	Steel

4	Front piece set	
	Colour	Part no.
	TS-M OG-M PS-M SW-M	ZI7.2CS0
	INGL	ZI7.2CI0
	Material	Steel / Stainless steel

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	Part no.
	TS-M OG-M PS-M SW-M NI-M	ZV7.1043MN1
	Length (mm)	1043
	Suitable for cabinet width KB 1200 mm	
	Cutting Internal cabinet width LW – 126 mm	

7	Glass design element (for inner pull-out front)	
	Design	Part no.
	Low	ZE7VxxxxG
	High	ZE7WxxxxG
	Material	Glass
	For order specification, see design element	

9a	Glass design element (side)	
	Material	Part no.
	Glass	ZE7Sxx8G
	For order specification, see design element	

Accessories

–	Transportation lock – design element (side)	
	Colour	Part no.
	Yellow	780C0009
	Material	Nylon
	For transporting pre-assembled design element (side)	

Colour	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		

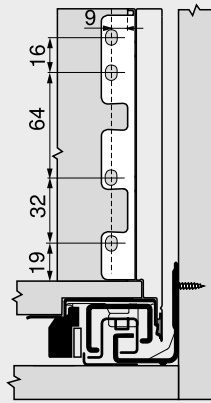
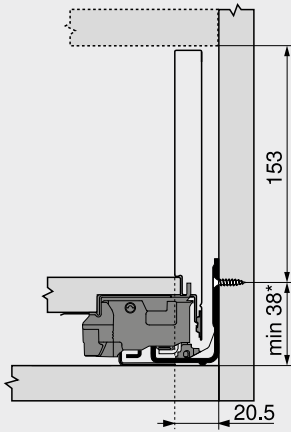
Inner pull-out – design element – C

Webcode
DQBUAM

Planning

Space requirement in cabinet

Installation dimensions – back



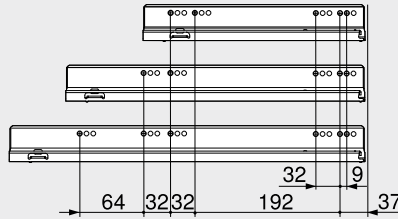
* +1 mm if cabinet profile is installed before the cabinet is assembled

Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg

Nominal length NL (mm)

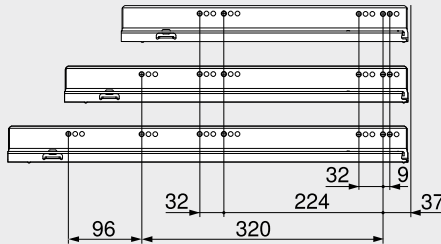
- 350
- 400 | 450 | 500
- 550 | 600



Cabinet profile 753 – 70 kg

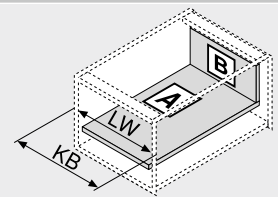
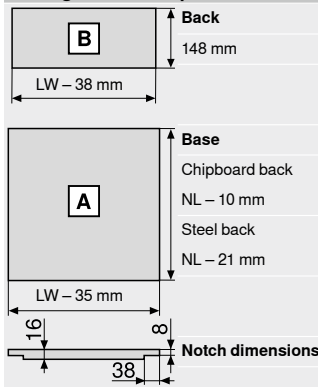
Nominal length NL (mm)

- 450
- 500 | 550 | 600
- 650



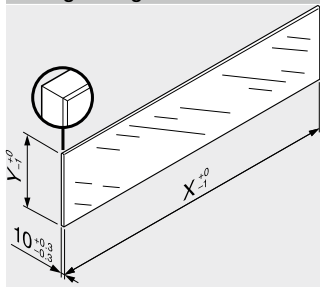
Internal cabinet depth LT min. = nominal length NL + 3 mm

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.

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			<p>Short-URL</p> <p>www.blum.com/a310</p>		

Box systems



- ▶ **LEGRABOX**
- ▶▶ **Standard cabinet – LEGRABOX free**

Inner pull-out – gallery – C

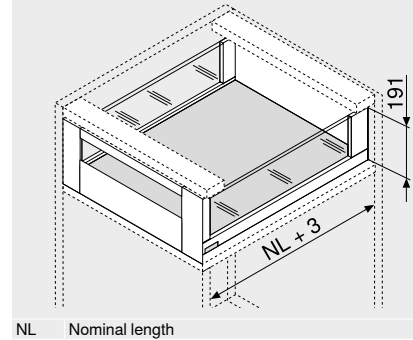
Webcode

DQBUZY



- Large side design element
- Inner pull-out with gallery
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length

Order information

1		Cabinet profiles left/right	
		BLUMOTION S	
Nominal length		Dynamic carrying capacity (kg)	
NL (mm)	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	
		Drawer side height (mm) 177	
Nominal length		Colour	
NL (mm)		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:

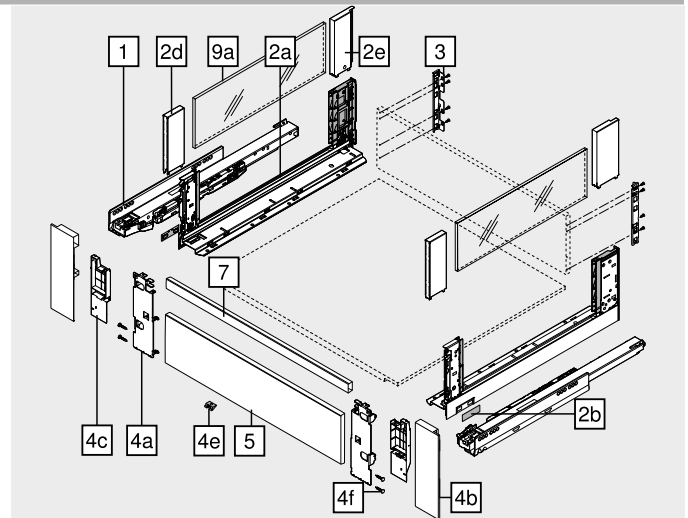
- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2d 2 x BOXCOVER front
- 2e 2 x BOXCOVER back

3		Back fixing left/right	
		Colour	Part no.
		TS-M OG-M PS-M SW-M NI	Steel
			ZB7C000S

4		Front piece set	
		Colour	Part no.
		TS-M OG-M PS-M SW-M	Steel
		INGL	Stainless steel
			ZI7.3CS0
			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	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	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			

Accessories

-		Transportation lock – design element (side)	
		Colour	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		

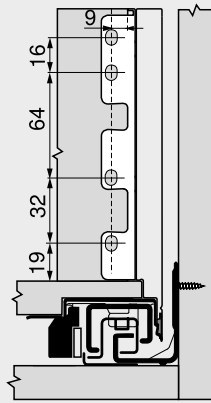
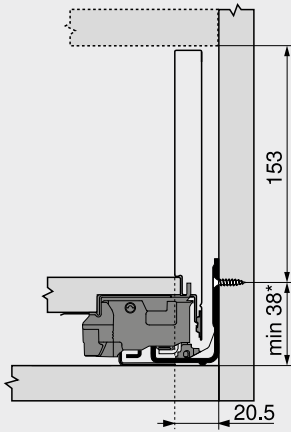
Inner pull-out – gallery – C

Webcode
DQBUZY

Planning

Space requirement in cabinet

Installation dimensions – back



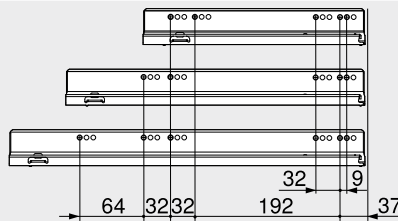
* +1 mm if cabinet profile is installed before the cabinet is assembled

Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg

Nominal length NL (mm)

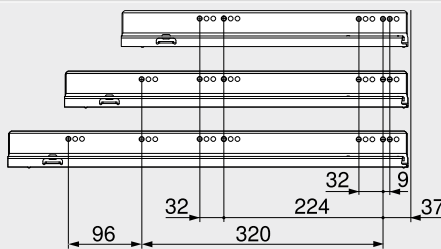
- 350
- 400 | 450 | 500
- 550 | 600



Cabinet profile 753 – 70 kg

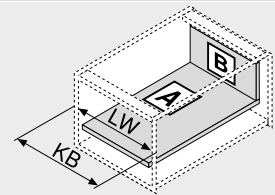
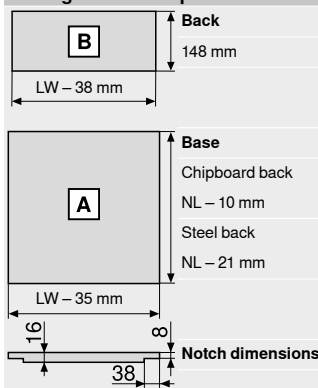
Nominal length NL (mm)

- 450
- 500 | 550 | 600
- 650



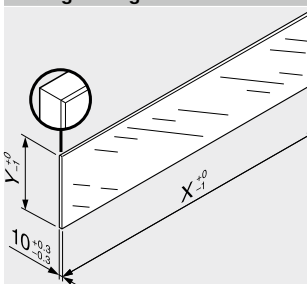
Internal cabinet depth LT min. = nominal length NL + 3 mm

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.

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		Overview – assembly devices	561	www.blum.com/a310	

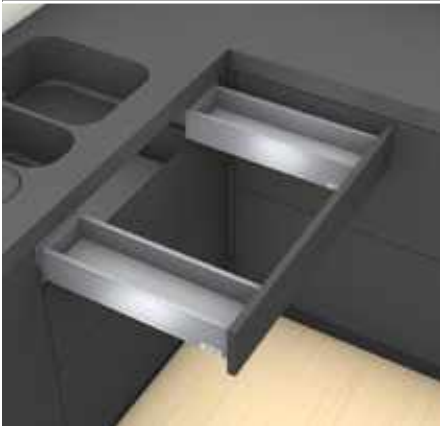
Box systems



- ▶ **LEGRABOX**
- ▶▶ **Sink cabinet**

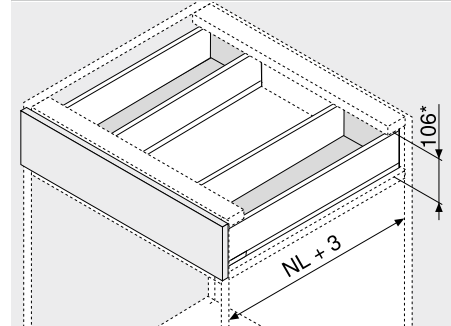
Drawer – M

Webcode
DQBONY



- Suitable for LEGRABOX pure and LEGRABOX free
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1		Cabinet profiles left/right
		BLUMOTION S
	Nominal length	Dynamic carrying capacity (kg)
	NL (mm)	40
	350	750.3501S
	400	750.4001S
	450	750.4501S
	500	750.5001S
	550	750.5501S
	600	750.6001S

2		Drawer side set
		Drawer side height (mm) 90.5
	Nominal length	Colour
	NL (mm)	TS-M OG-M INGL
		PS-M SW-M
	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

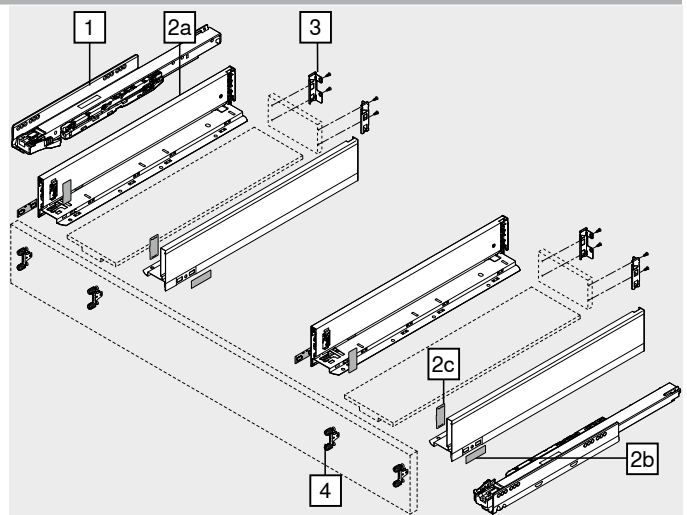
Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

3		Back fixing left/right
	Colour	Material
	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



Accessories

–		Chipboard screws
	Ø (mm)	Length (mm)
	3.5	15
	3.5	17
		Part no.
		609.1500
		609.1700

For front fixing

–		Fixing screw
	Ø (mm)	Length (mm)
	4	15
		Part no.
		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	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO front	Installation dimensions – back
<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p> <p>** Incl. 2 mm tilt adjustment</p>	<p>FA Front overlay</p> <p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	<p>* +1 mm if cabinet profile is installed before the cabinet is assembled</p>	

Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

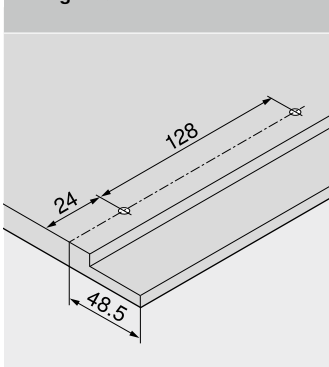
350	
400 450 500	
550 600	

Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard

	<p>KB Cabinet width</p> <p>LW Internal cabinet width</p> <p>NL Nominal length</p> <p>SPW Internal cabinet width between the inner drawer sides</p>

Drilling distances – drawer base

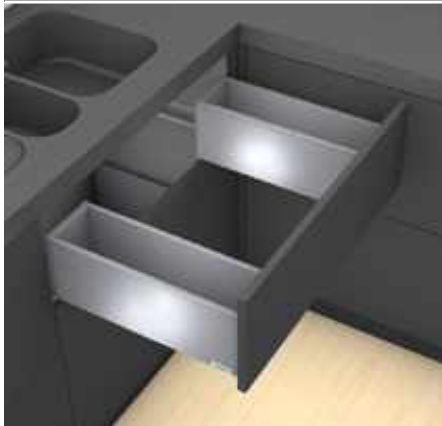


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		Accessories	243		
		Cabinet profile fixing positions	247		
		Overview – assembly devices	561	<p>Short-URL</p> <p>www.blum.com/a310</p>	

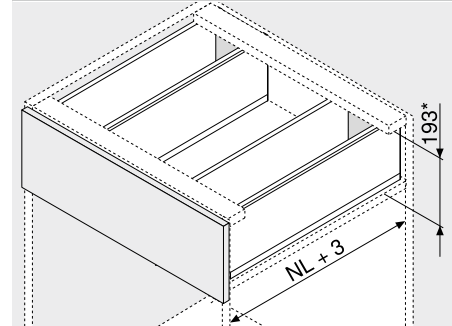
High fronted pull-out – C

Webcode
DQBS6M



- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1		Cabinet profiles left/right
		BLUMOTION S
	Nominal length	Dynamic carrying capacity (kg)
	NL (mm)	40
	350	750.3501S
	400	750.4001S
	450	750.4501S
	500	750.5001S
	550	750.5501S
	600	750.6001S

2		Drawer side set
		Drawer side height (mm) 177
	Nominal length	Colour
	NL (mm)	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 Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

3		Back fixing left/right
	Colour	Material
	TS-M OG-M PS-M SW-M NI	Steel
		2 x 7B7C000S

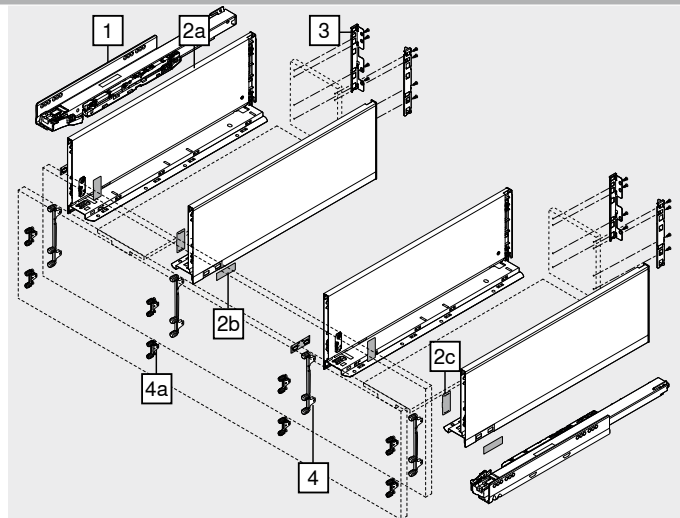
4		Front fixing bracket
	Fixing method	Part no.
	Screw-on	4 x ZF7C7002
	EXPANDO	4 x ZF7C70E2
	EXPANDO T	4 x ZF7C70T2

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



Accessories

–		Chipboard screws
	Ø (mm)	Length (mm)
	3.5	15
	3.5	17
		Part no.
		609.1500
		609.1700

For front fixing

–		Fixing screw
	Ø (mm)	Length (mm)
	4	15
		Part no.
		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

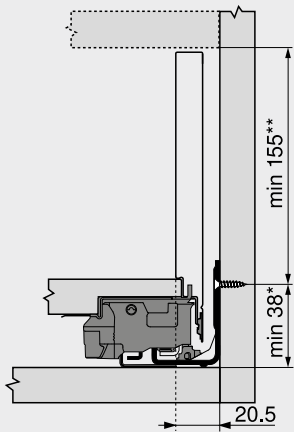
	Colour	Colour
	TS-M Terra black matt	SW-M Silk white matt
	OG-M Orion grey matt	INGL Stainless steel (Inox) Anti-fingerprint
	PS-M Polar silver matt	NI Nickel plated

High fronted pull-out – C

Webcode
DQBS6M

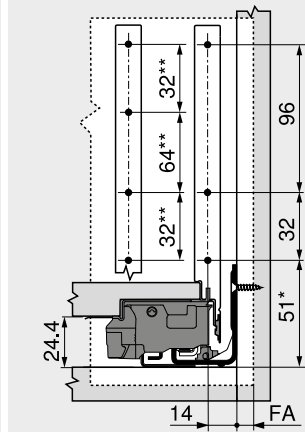
Planning

Space requirement in cabinet



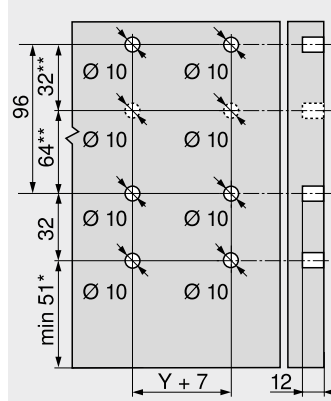
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Incl. 2 mm tilt adjustment

Installation dimensions – front – screw-on



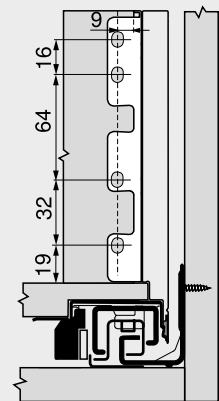
FA Front overlay
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

Drilling distances – front – EXPANDO front



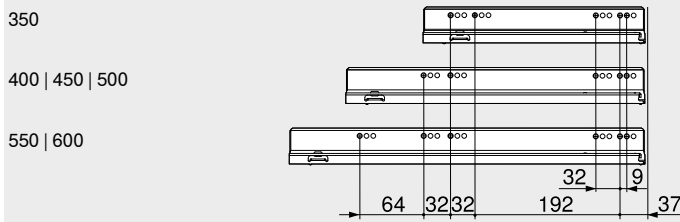
* +1 mm if cabinet profile is installed before the cabinet is assembled
** Alternative 4a

Installation dimensions – back



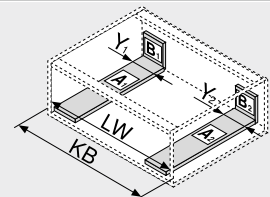
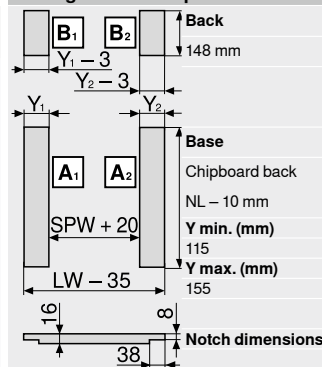
Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)



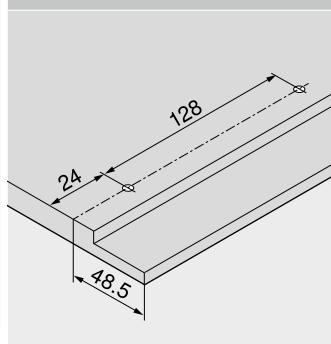
Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard



KB Cabinet width
LW Internal cabinet width
NL Nominal length
SPW Internal cabinet width between the inner drawer sides

Drilling distances – drawer base

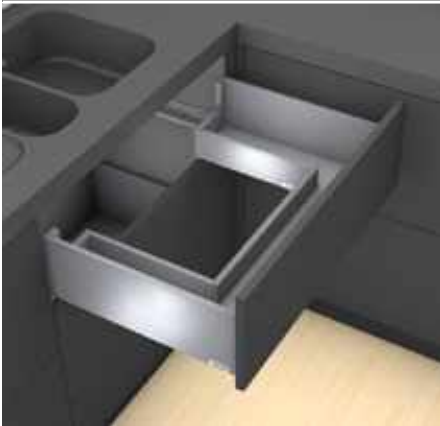


Page instructions

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Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Overview – TIP-ON for LEGRABOX	255	Assembly, removal and adjustment	
Fixing system for thin fronts – EXPANDO T	554	Overview – AMBIA-LINE for LEGRABOX CABLOXX	503		
Assembly recommendation and limitation of liability – EXPANDO T	555	Accessories	243	Short-URL	
		Cabinet profile fixing positions	247	www.blum.com/a310	
		Overview – assembly devices	561		

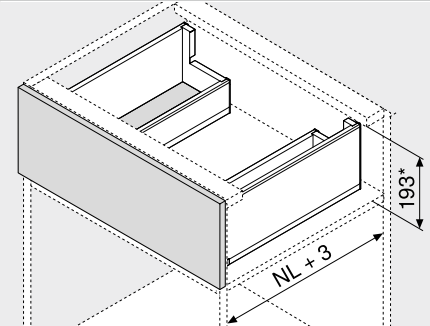
High fronted pull-out – C – centre piece

Webcode
DQCYEM



- With centre piece for optimal use of storage space
- Steel drawer side and stainless steel
- Straight interior and exterior
- Slim drawer side 12.8 mm
- Synchronised feather-light glide
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- Tool-free front assembly
- Three-dimensional front adjustment in the drawer side

Space requirement



NL Nominal length
* Incl. 2 mm tilt adjustment

Order information

1		Cabinet profiles left/right
		BLUMOTION S
	Nominal length	Dynamic carrying capacity (kg)
	NL (mm)	40 70
450		750.4501S 753.4501S
500		750.5001S 753.5001S
550		750.5501S 753.5501S
600		750.6001S 753.6001S
650		750.6501S 753.6501S

2		Drawer side set exterior
		Drawer side height (mm) 177
	Nominal length	Colour
	NL (mm)	TS-M OG-M INGL PS-M SW-M
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 Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Cover caps

3		Steel back L shape left/right
	Colour	Material
	TS-M OG-M PS-M SW-M	Steel
		Part no.
		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

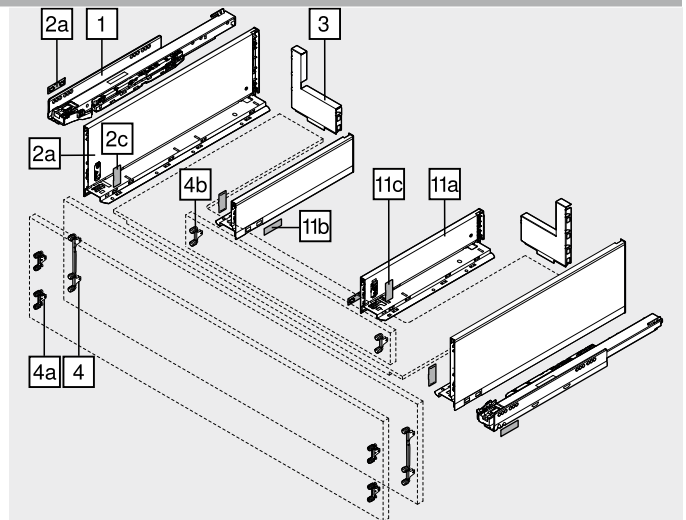
Alternative to 4

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		Drawer side set interior
		Drawer side height (mm) 90.5
	Nominal length	Colour
	NL (mm)	TS-M OG-M INGL PS-M SW-M
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 Branding element, stamped with Blum logo, starting at 1000 pcs. individually printed
- 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

Accessories

–	Chipboard screws		
		Ø (mm)	Length (mm)
		3.5	15
		3.5	17
			Part no.
			609.1500
			609.1700

For front fixing

–		Fixing screw	
		Ø (mm)	Length (mm)
		4	15
			Part no.
			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	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO front	Installation dimensions – centre piece
<p>* +1 mm if cabinet profile is installed before the cabinet is assembled ** Incl. 2 mm tilt adjustment</p>	<p>FA Front overlay * +1 mm if cabinet profile is installed before the cabinet is assembled ** Alternative 4a</p>	<p>4 4a * +1 mm if cabinet profile is installed before the cabinet is assembled</p>	<p>* +1.5 mm with ZF7M70E2</p>

Hole spacing – cabinet profiles

Cabinet profile 750 – 40 kg
Nominal length NL (mm)

450 500	
550 600	

Cutting – 16 mm chipboard

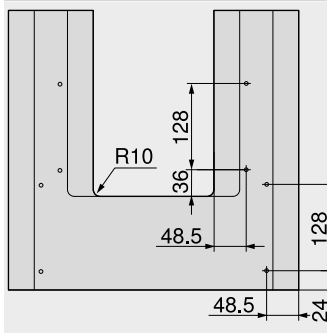
	<p>Base Steel back NL – 21 mm</p>	
	<p>Centre piece 62.5 mm</p>	
	<p>Notch dimensions</p>	
<p>KB Cabinet width LW Internal cabinet width NL Nominal length SPW Internal cabinet width between the inner drawer sides * +3 mm with ZF7M70E2</p>		

Cabinet profile 753 – 70 kg

Nominal length NL (mm)

450	
500 550 600	
650	

Drilling distances – drawer base



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

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		Cabinet profile fixing positions	247	www.blum.com/a310	
		Overview – assembly devices	561		

SPACE TOWER

Webcode
DQQQ7Y



- 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



Box systems

Order information

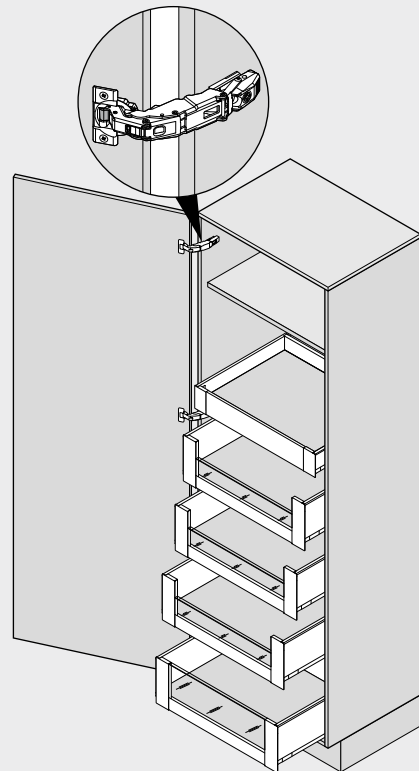
Application recommendation	Page
Inner drawer – M	212
Inner pull-out – design element – C	220
AMBIA-LINE for LEGRABOX	507
CLIP top BLUMOTION 155° hinge	86
Recommendation	
Cabinet width KB (mm)	
275–1200	

Planning

Help with planning and ordering

Short-URL

www.blum.com/planningtools



Page instructions

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Overview – AMBIA-LINE for LEGRABOX	503		
CLIP top BLUMOTION 155° hinge	86		

Assembly, removal and adjustment

Short-URL
www.blum.com/a310



SPACE TOWER

Webcode
DQGQ7Y

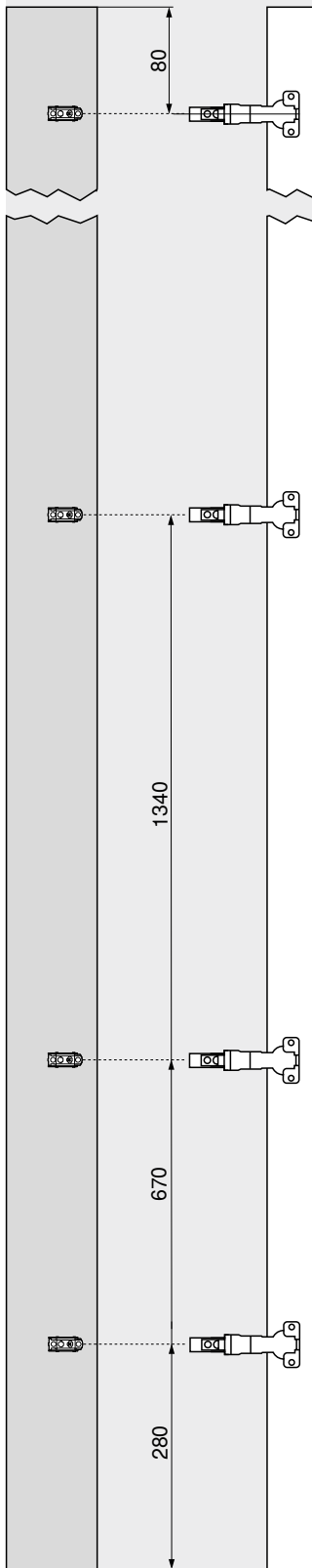
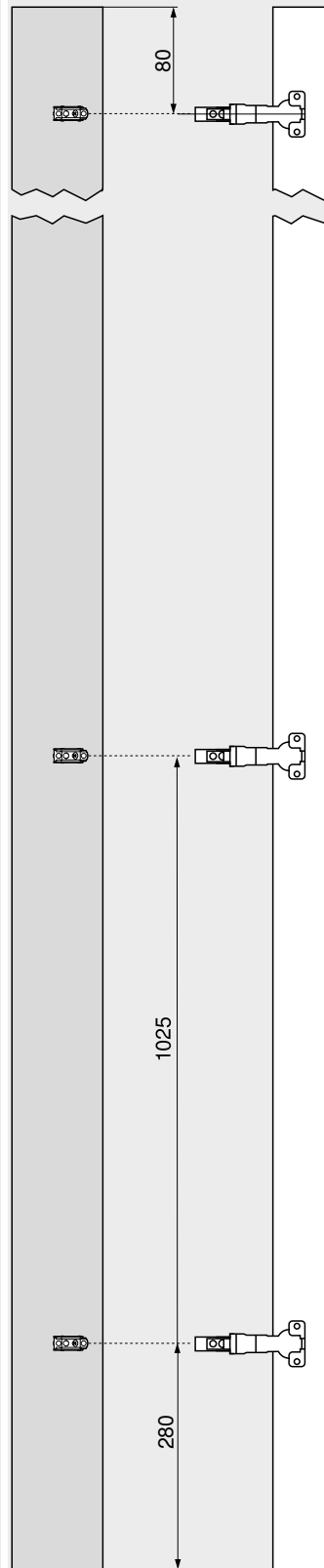
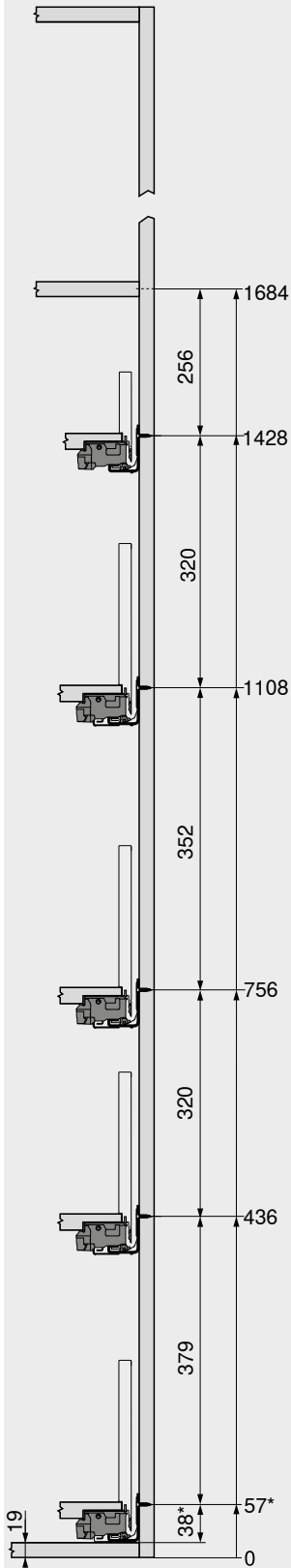
Planning

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

670



- ▶ **LEGRABOX**
- ▶▶ **Narrow cabinets**

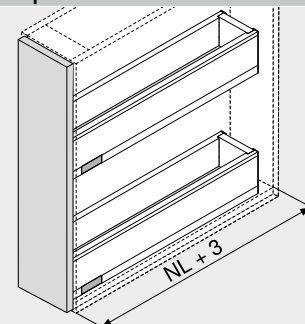
SPACE TWIN

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	210
Drawer – K	214
High fronted pull-out – C	218
Cabinet width KB (mm)	
200	

Page instructions

Overview – LEGRABOX	205	Assembly, removal and adjustment Short-URL www.blum.com/a310
Accessories	243	
Overview – assembly devices	561	
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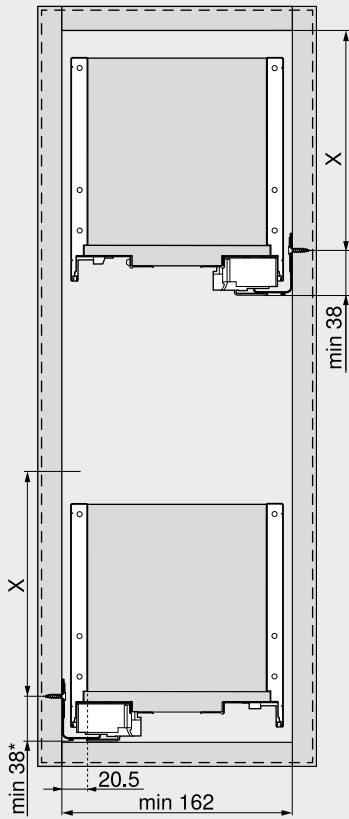


SPACE TWIN

Webcode
DQGTQM

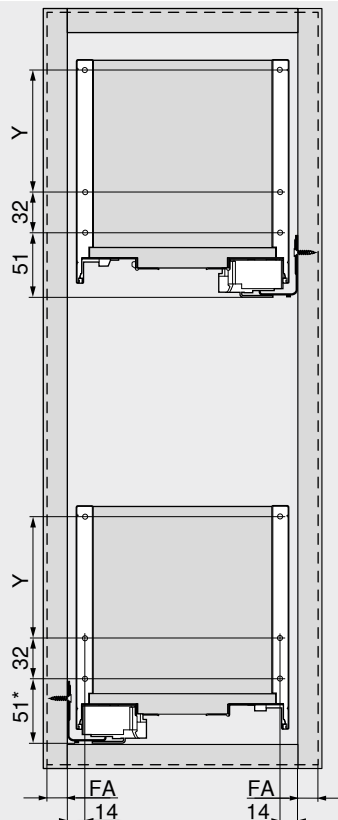
Planning

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
- Colour: clear
- Material: glass

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

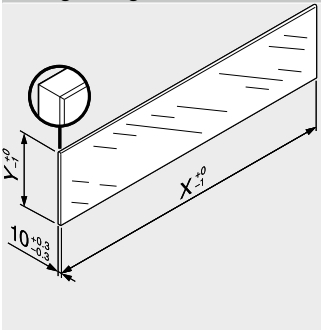
7	High glass design element (for inner pull-out, front)
	Colour Clear
Cabinet width	Cabinet side panel thickness (mm)
KB (mm)	15/16 18/19
450	ZE7W338G ZE7W332G
600	ZE7W488G ZE7W482G
900	ZE7W788G ZE7W782G
1200	ZE7W1088G ZE7W1082G
Composed of:	
7	1 x Glass design element

9a	Glass design element (side)
	Nominal length
NL (mm)	Colour
	Clear
350	ZE7S238G
400	ZE7S288G
450	ZE7S338G
500	ZE7S388G
550	ZE7S438G
600	ZE7S488G
650	ZE7S538G
Composed of:	
9a	2 x Glass design element

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	

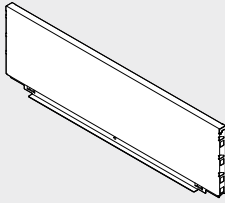
The given dimensions in combination with LEGRABOX | TANDEMBOX do not require "impact testing for vertically installed glass parts" as per the DIN EN 14749 norm June 2016. For norm compliance no safety glass is required. The edge is a polished flat-ended edge with a 1 mm ±0.5 mm bevel.

Page instructions

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		www.blum.com/a310



Steel back



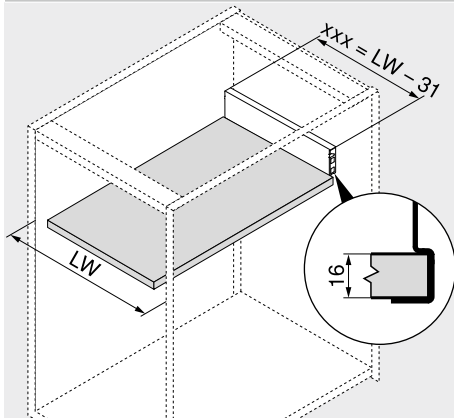
- For LEGRABOX
- Colour: terra black matt | orion grey matt | polar silver matt | silk white matt
- Material: steel

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

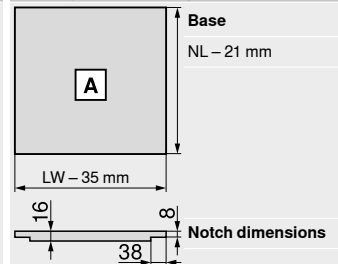


$$xxx = LW - 31$$

Example
Back wall height M
LW = 567 mm
536 mm = 567 - 31 mm
Order
ZB7M536S.6

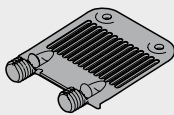
xxx Back width
LW Internal cabinet width

Cutting – 16 mm chipboard



NL Nominal length
LW Internal cabinet width

Front/base stabiliser



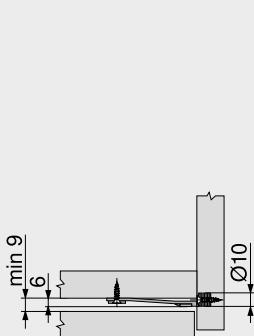
- For supporting wide drawer bases
- Recommendation:
Cabinet width KB > 900 mm: 1 item

Order information

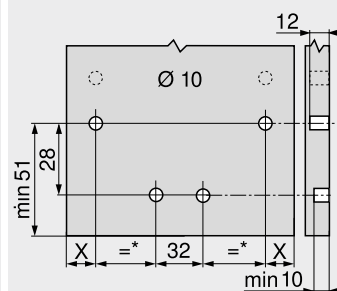
Fixing method	Colour	Part no.
EXPANDO	RAL 7037 dust grey	Z96.10E1

Planning

Space requirement in cabinet

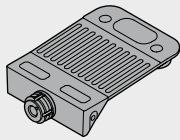


Drilling distances – front



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 > 600 mm: 1 item
Cabinet width KB > 900 mm: 2 items
Front height FH > 380 mm: 1 item

Order information

Fixing method	Colour	Part no.
EXPANDO T	RAL 7037 dust grey	Z96.00T1

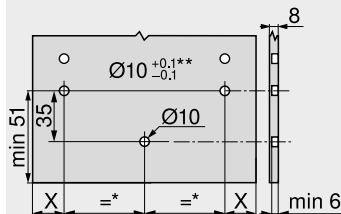
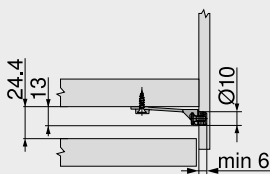
Page instructions

Fixing system for thin fronts – EXPANDO T	554
Assembly recommendation and limitation of liability – EXPANDO T	555

Planning

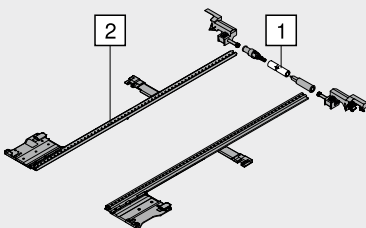
Space requirement in cabinet

Drilling distances – front



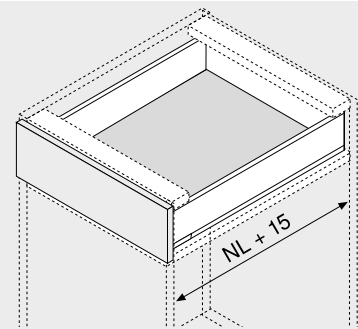
X = 14 mm + FA
FA Front overlay
* Min. 80 mm
** Stone and ceramic +0.2/-0.1 mm

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

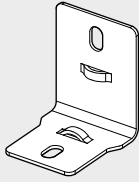
Cutting

- Internal cabinet width LW – 295 mm
- Nominal length NL + 10 mm

Page instructions

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More technical details	662

Support angle bracket



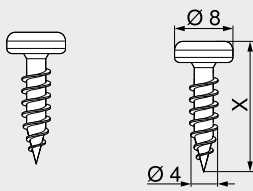
- Used when there is a uniform cutting dimension in the drawer base with steel and chipboard backs
- Makes it possible to combine a drawer base for steel backs with a chipboard back
- Connection of chipboard back or centre piece and drawer base for more stability

Order information

Description	Part no.
Support angle bracket	ZB7A0008

Fixing screws

Ø 4.0 mm



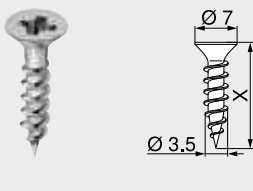
- For the connection of chipboard back fixings with chipboard back and drawer side with drawer bases
- Ø 4 mm
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
15.0	61D.1500

Chipboard screws

Ø 3.5 mm



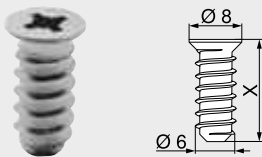
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

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
- Colour: nickel plated
- Material: steel

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

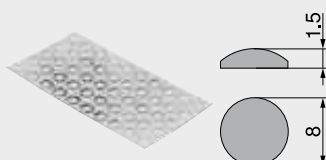


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer



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

Order information

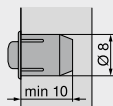
Description	Part no.
Stick-on door buffer	993.710

Box systems



- ▶ LEGRABOX
- ▶▶ Accessories

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

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
- Colour: black/orange
- Material: nylon/steel

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
- Colour: black/orange
- Material: nylon/steel

Order information

Description	Part no.
Slotted screwdriver	314.928.1

TORX screwdriver

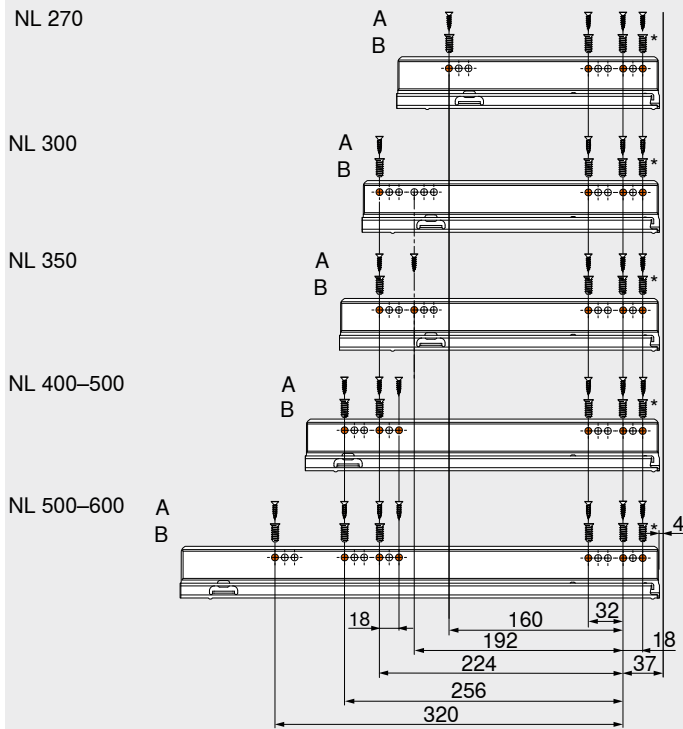


- TORX size 20 (T20)
- Orange handle with Blum logo
- Colour: black/orange
- Material: nylon/steel

Order information

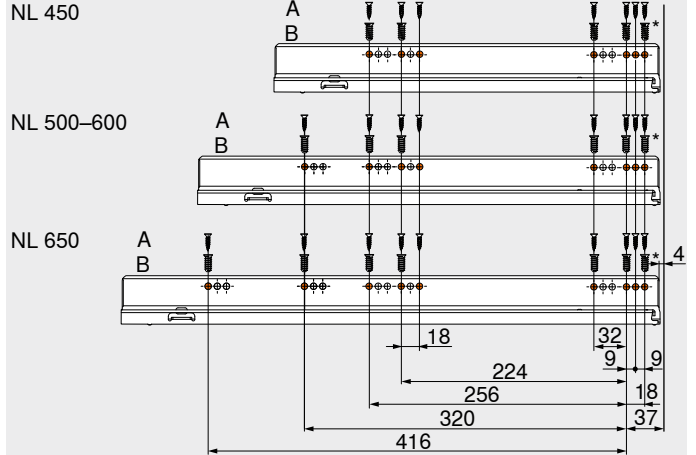
Total length (mm)	Blade length (mm)	Part no.
100	35	623.882.2
210	100	209.093.7

Cabinet profile 750 – 40 kg



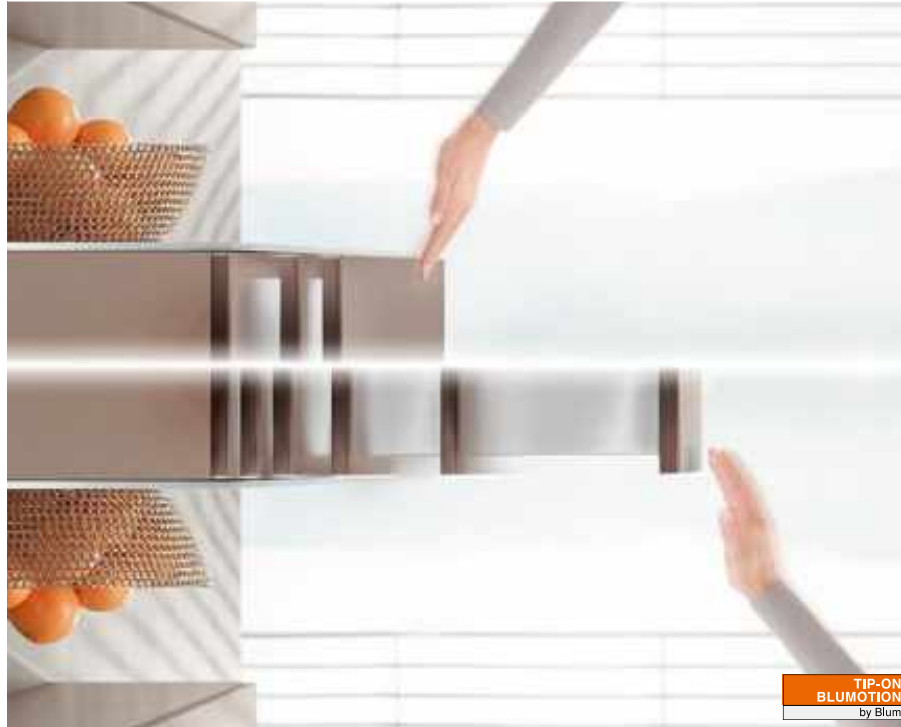
NL Nominal length
A Chipboard screws Ø 4 x 15 mm
B System screws, part no. 661.1450.HG
* Can be replaced with chipboard screw Ø 4 x 15 mm

Cabinet profile 753 – 70 kg



NL Nominal length
A Chipboard screws Ø 4 x 15 mm
B System screws, part no. 661.1450.HG
* Can be replaced with chipboard screw Ø 4 x 15 mm

Two functions – fascinatingly combined

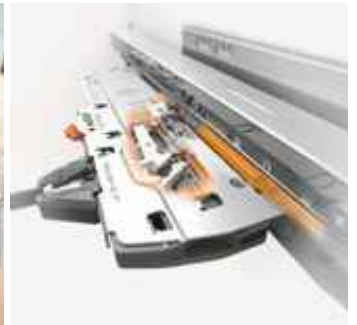


TIP-ON BLUMOTION for LEGRABOX combines the advantages of the TIP-ON mechanical opening support system with the reliable BLUMOTION dampening for silent and effortless closing – 100% mechanically.

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.

TIP-ON BLUMOTION by Blum

Box systems

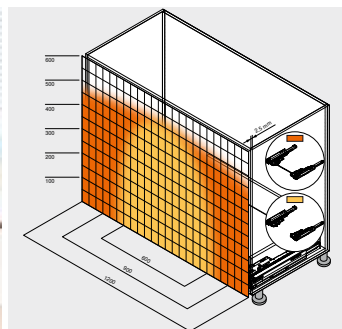


Opens with just a light touch, has a smooth running action and closes silently and effortlessly – experience completely harmonious and convenient motion with TIP-ON BLUMOTION technology

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. We recommend the general application of synchronisation




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

Box systems

Overview – box systems	203
▶ LEGRABOX	204
▶ TIP-ON for LEGRABOX	254
▶ SERVO-DRIVE for LEGRABOX TANDEMBOX	320

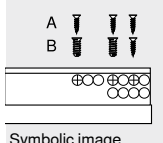
Applications	kg					Webcode	Page
▶▶ Applications							
 <p>Symbolic image</p>	TIP-ON BLUMOTION	40					
		70					
							250

kg Dynamic carrying capacity

▶▶ Accessories

 <p>Symbolic image</p>	Steel back	243	Centre bit	245
	Front/base stabiliser	243	Door buffer	245
	Front/base stabiliser for thin fronts	244	Screwdriver	246
	Side stabilisation	244		
	Support angle bracket	245		
	Screws	245		


▶▶ Cabinet profile fixing positions

 <p>Symbolic image</p>	Cabinet profile 750 – 40 kg	252
	Cabinet profile 753 – 70 kg	252

▶▶ Assembly, removal and adjustment

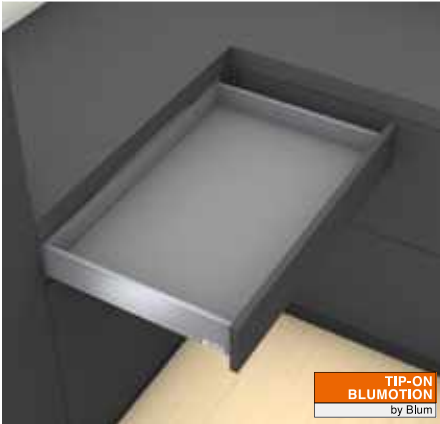
 <p>Symbolic image</p>	Assembly, removal and adjustment	
	Short-URL www.blum.com/a320	

Pictograph

 Item Available Upon Request		
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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

TIP-ON BLUMOTION by Blum

Order information

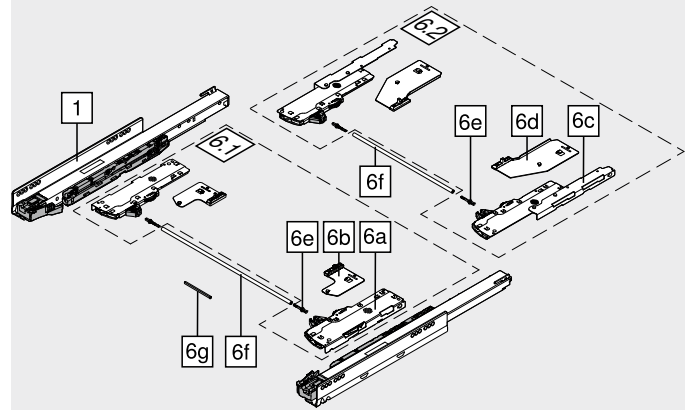
1	Cabinet profiles left/right	
	BLUMOTION S	
Nominal length	Dynamic carrying capacity (kg)	
NL (mm)	40	70
270	750.2701S	
300	750.3001S	
350	750.3501S	
400	750.4001S	
450	750.4501S	753.4501S
500	750.5001S	753.5001S
550	750.5501S	753.5501S
600	750.6001S	753.6001S
650		753.6501S

6.1 TIP-ON BLUMOTION set						
	Nominal length	Unit	Cabinet profile (kg)	Weight (kg)	1	Part no.
	NL (mm)					
	270–300	S0	40	≤ 10		T60L7040
	270–300	S1	40	> 10–20		T60L7140
	350–600	L1	40	≤ 20	2	T60L7340
	350–600	L3	40	15–40	2	T60L7540
	450–650	L5	70	35–70	3	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
- 3 Recommendation: only use in combination with 70 kg cabinet profile

6.2 TIP-ON BLUMOTION set sink pull-out						
	Nominal length	Unit	Cabinet profile (kg)	Weight (kg)	1	Part no.
	NL (mm)					
	350–600	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	Colour	Part no.
	Round	Grey	T60.1125W

In combination with 6e 2 x T60.000D
Suitable up to internal cabinet width LW 1370 mm

Note
To optimise the function and trigger range, we generally recommend using synchronisation

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

Accessories

6e	TIP-ON BLUMOTION synchronisation adapter		
	Version	Colour	Part no.
	Symmetrical	RAL 7035 light grey	T60.000D

Internal cabinet width LW ≥ 294 mm

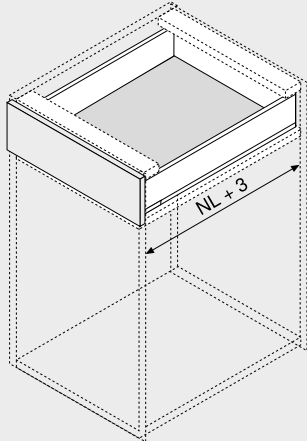
Front gap template for TIP-ON BLUMOTION			
	Front gap FS (mm)	Colour	Part no.
	2.5	Orange	65.5631

TIP-ON BLUMOTION

Planning

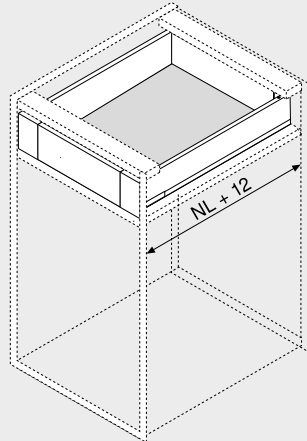
Space requirement in cabinet

Drawer | high fronted pull-out



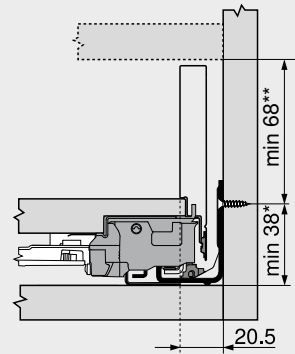
NL Nominal length

Inner drawer | inner pull-out



NL Nominal length

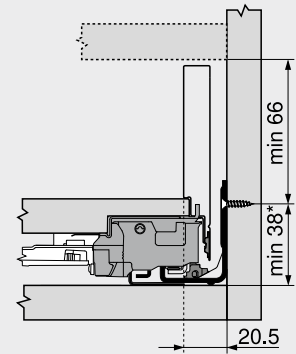
Drawer | high fronted pull-out



Height M

* +1 mm if cabinet profile is installed before the cabinet is assembled
 ** Incl. 2 mm tilt adjustment

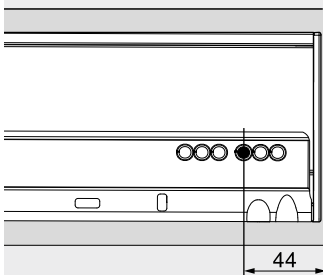
Inner drawer | inner pull-out



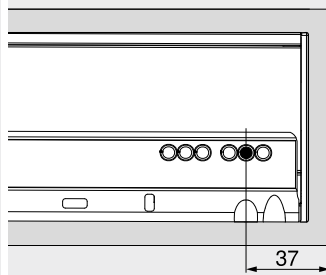
Height M

* +1 mm if cabinet profile is installed before the cabinet is assembled
 TIP-ON BLUMOTION cannot be used in combination with latch set Z17.0M07

Screw position – inner drawer | inner pull-out

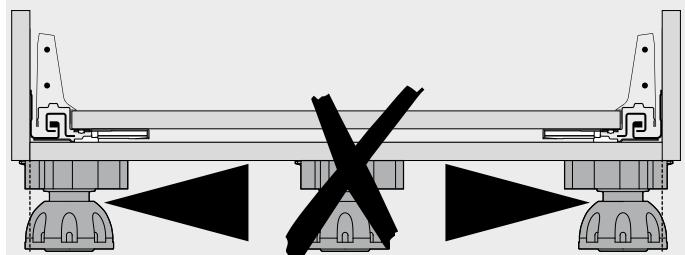


Variant 1

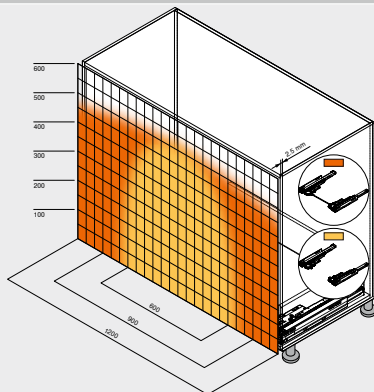


Variant 2

Plinth leg



Trigger range



Trigger range

- With synchronisation
- Without synchronisation

Minimum front gap (mm) 2.5

With front/base stabiliser

To optimise the function and trigger range, we generally recommend using synchronisation

Example for 750 – 40 kg | 753 – 70 kg, C height, nominal length NL 500 mm

Page instructions

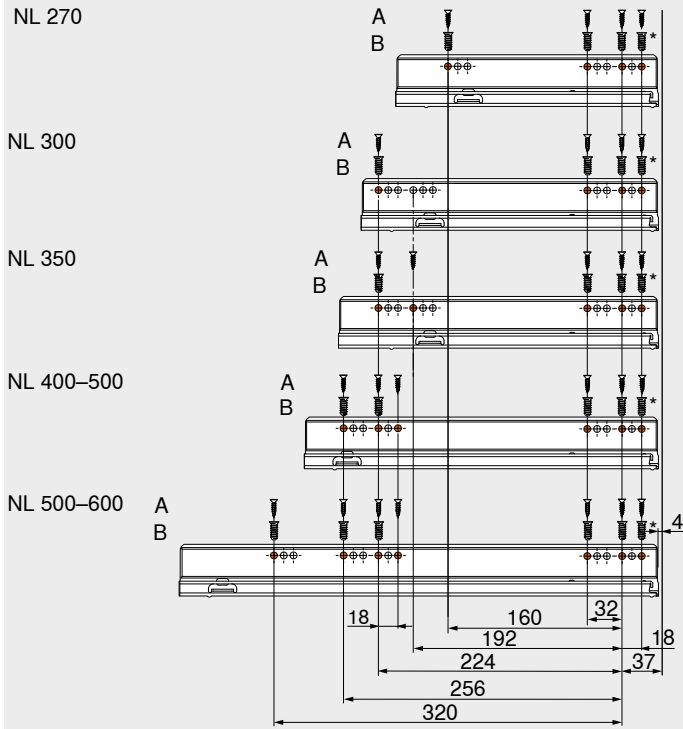
Overview – TIP-ON BLUMOTION for LEGRABOX	249	Overview – assembly devices	561
Overview – LEGRABOX	205	More technical details	662
Overview – TIP-ON for LEGRABOX CABLOXX	255		
Accessories	243		
Cabinet profile fixing positions	252		

Assembly, removal and adjustment

Short-URL
www.blum.com/a320

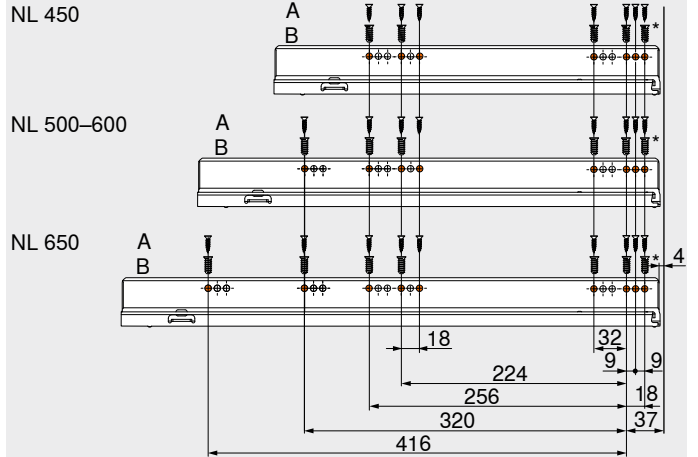


Cabinet profile 750 – 40 kg



- NL Nominal length
- A Chipboard screws \varnothing 4 x 15 mm
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 4 x 15 mm

Cabinet profile 753 – 70 kg



- NL Nominal length
- A Chipboard screws \varnothing 4 x 15 mm
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 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.

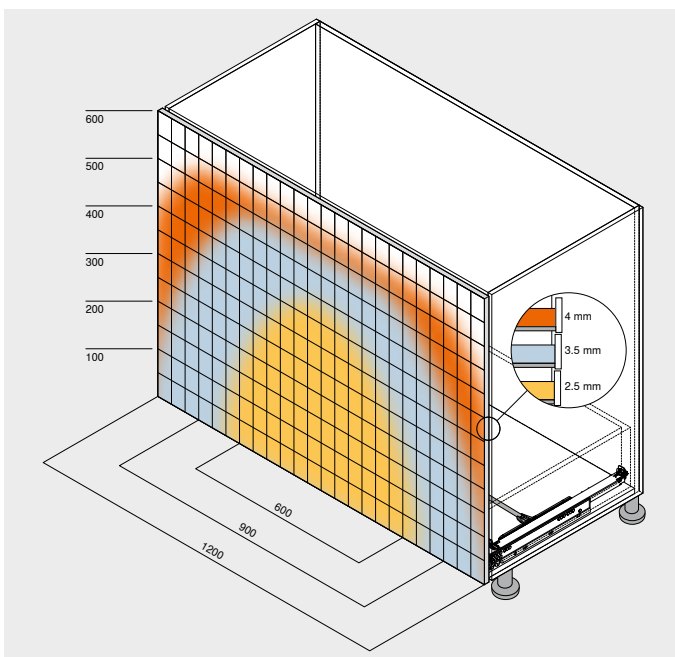
Multitude of applications

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.

Box systems




The TIP-ON function is integrated into the cabinet profile. For straightforward installation and ease of use



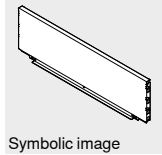
The optional synchronisation ensures secure opening and closing even for wide fronts


Box systems

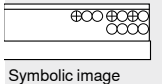
Overview – box systems	203
▶ LEGRABOX	204
▶ TIP-ON BLUMOTION for LEGRABOX	248
▶ SERVO-DRIVE for LEGRABOX TANDEMBOX	320

Applications	kg					Webcode	Page
▶▶ Applications							
	TIP-ON	40					
		70					
							256

kg Dynamic carrying capacity

▶▶ Accessories							
	Steel back	243	Centre bit	245			
	Front/base stabiliser	243	Door buffer	245			
	Front/base stabiliser for thin fronts	244	Screwdriver	246			
	Side stabilisation	244					
	Support angle bracket	245					
	Screws	245					

▶▶ Cabinet profile fixing positions							
	Cabinet profile 750 – 40 kg	252					
	Cabinet profile 753 – 70 kg	252					



▶▶ Assembly, removal and adjustment							
	Assembly, removal and adjustment						
	Short-URL www.blum.com/a330						

Pictograph		
	Item Available Upon Request	

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

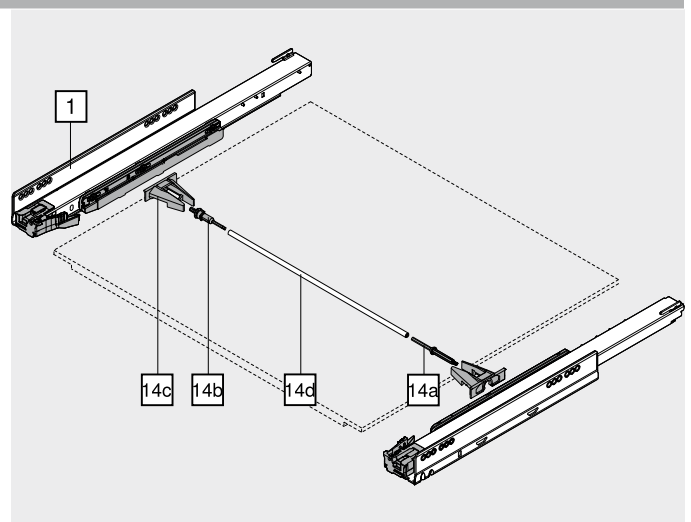
TIP-ON
by Blum

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

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		Part no.
	Version	Material	
	Round	Aluminium	ZST.1160W
Suitable for cabinet width KB 1400 mm			
Cutting Internal cabinet width LW – 229 mm			

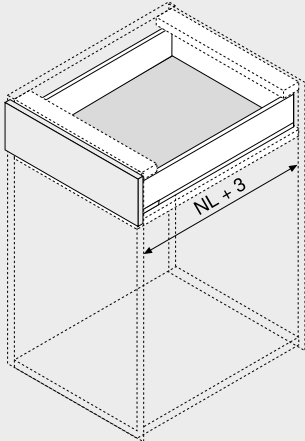


TIP-ON

Planning

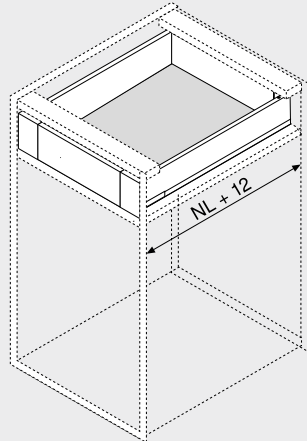
Space requirement in cabinet

Drawer | high fronted pull-out



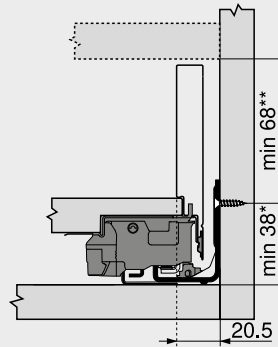
NL Nominal length

Inner drawer | inner pull-out



NL Nominal length

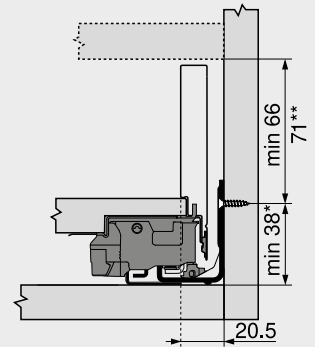
Drawer | high fronted pull-out



Height M

* +1 mm if cabinet profile is installed before the cabinet is assembled
 ** Incl. 2 mm tilt adjustment

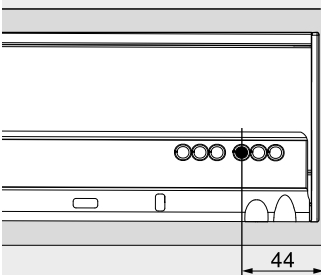
Inner drawer | inner pull-out



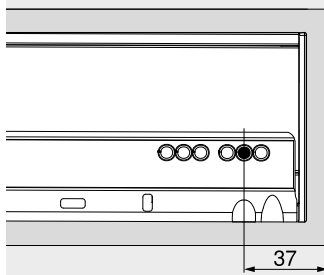
Height M

* +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

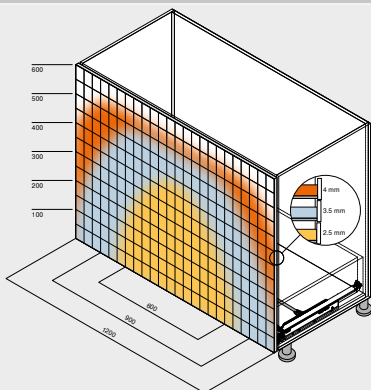


Variant 1



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

Page instructions

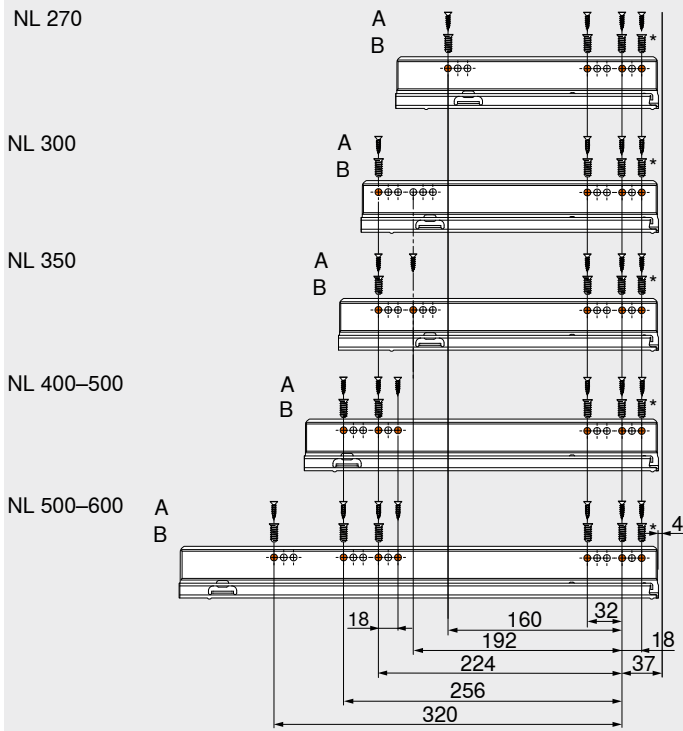
Overview – TIP-ON for LEGRABOX	255	Overview – assembly devices	561
Overview – LEGRABOX	205	More technical details	662
Overview – TIP-ON BLUMOTION for LEGRABOX	249		
CABLOXX	552		
Accessories	243		
Cabinet profile fixing positions	258		

Assembly, removal and adjustment

Short-URL
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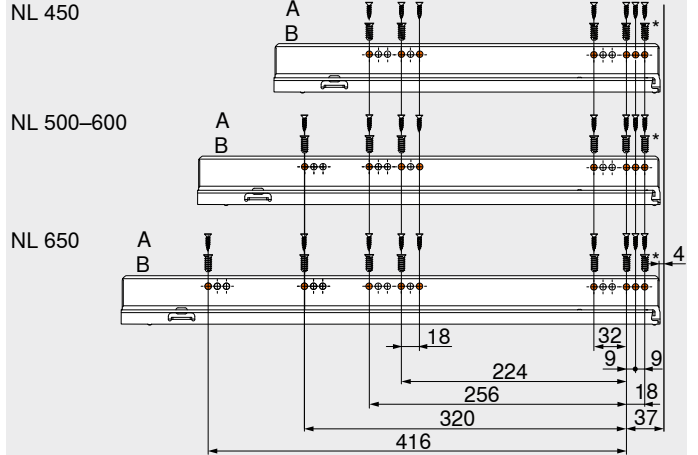


Cabinet profile 750 – 40 kg



- NL Nominal length
- A Chipboard screws \varnothing 4 x 15 mm
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 4 x 15 mm

Cabinet profile 753 – 70 kg



- NL Nominal length
- A Chipboard screws \varnothing 4 x 15 mm
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 4 x 15 mm

TIP-ON for LEGRABOX ◀

Box systems



Box systems



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.










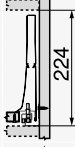

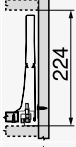

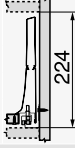

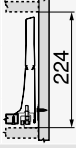


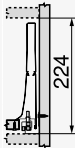

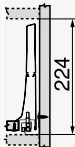


The combination of a design element with BOXCOVER opens up a wide range of design options. BOXCAP allows for a uniform closed design to be created. Thanks to a groove in the drawer top edge, BOXCAP and the design element can be attached seamlessly. The individual components such as the drawer side, BOXCAP, 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

Applications	kg	Space re- quirement	Web- code	Page	Applications	kg	Space re- quirement	Web- code	Page
▶▶ Standard cabinet									
Drawer					Inner drawer				
	Drawer – N	30							
								DQBVPA	
	Drawer – M	30 65				Inner drawer – M	30 65		
								DQBWEM	DQBX3Y
High fronted pull-out					Inner pull-out				
	High fronted pull-out – BOXCOVER – D	30 65				Inner pull-out – BOXCOVER – D	30 65		
								DQBYIM	DQC1BY
	High fronted pull-out – BOXCAP – D	30 65				Inner pull-out – BOXCAP – D	30 65		
								DQBXTA	DQC0MM
▶▶ Corner cabinet									
	SPACE CORNER	65							
	Help with planning and ordering								
	Short-URL								
	www.blum.com/planningtools								
▶▶ Sink cabinet									
High fronted pull-out									
	High fronted pull-out – BOXCOVER – D	30 65							
								DQBZXA	
	High fronted pull-out – BOXCAP – D	30 65						DQBZ7Y	
▶▶ Larder unit									
	SPACE TOWER	30 65							
	Cabinet width 275–1200 mm							DQGQXA	
▶▶ Narrow cabinets									
	SPACE TWIN	20							
	Cabinet width 200 mm							DQGUFY	

kg Dynamic carrying capacity

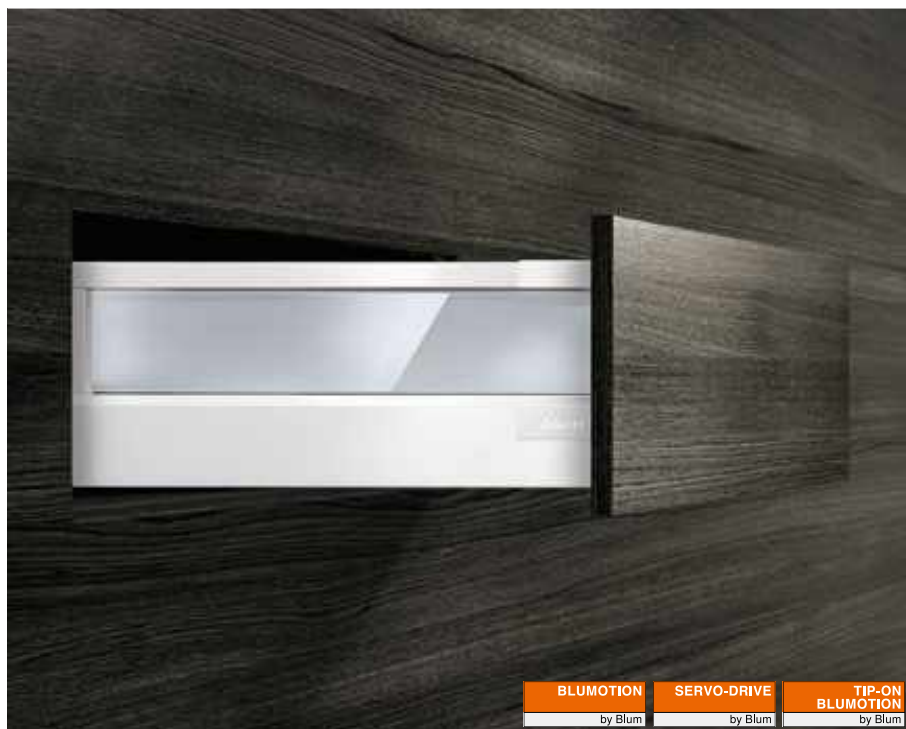
Check product availability

Short-URL

www.blum.com/configurator



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

	Overview – box systems	203	▶ METABOX	352
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	Design element	300	Screws	306
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	Assembly, removal and adjustment			
	Short-URL www.blum.com/a350			

Pictograph



Item Available Upon Request

Applications	kg	Space re-quirement	Web-code	Page	Applications	kg	Space re-quirement	Web-code	Page		
►► Standard cabinet											
Drawer					Inner drawer						
	Drawer – N	30		DQC21A	266						
	Drawer – M	30 65		DQC2QM	268		Inner drawer – M	30 65		DQC45A	270
	Drawer – K	30 65		DQC3FY	272		Inner drawer – K	30 65		DQC4UM	274
High fronted pull-out					Inner pull-out						
	High fronted pull-out – gallery – C	30 65		DQC5JY	276		Inner pull-out – gallery – C	30 65			
	Design element possible						Design element possible			DQCAHA	278
	High fronted pull-out – gallery – D	30 65		DQC69A	280		Inner pull-out – gallery – D	30 65			
	Design element possible						Design element possible			DQCB6M	282
	High fronted pull-out – gal- lery – D – K drawer side	30 65		DQC6YM	284		Inner pull-out – gallery – D – K drawer side	30 65		DQCBVY	286
	High fronted pull-out – gal- lery – C – alu frames	30 65		DQC7NY	288						
	Design element possible										
	High fronted pull-out – gal- lery – D – alu frames	30 65		DQC8DA	290						
	Design element possible										
►► Corner cabinet											
	SPACE CORNER with SYNCROMOTION	65									
	Help with planning and ordering										
	Short-URL										
	www.blum.com/planningtools										
	SPACE CORNER with rigid fronts	65									
	Help with planning and ordering										
	Short-URL										
	www.blum.com/planningtools										

kg Dynamic carrying capacity

Applications	kg	Space re-quirement	Web-code	Page	Applications	kg	Space re-quirement	Web-code	Page
▶ Sink cabinet					Inner pull-out				
High fronted pull-out									
	High fronted pull-out – gallery – C	30 65							
	Design element possible		DQC92M	292					
	High fronted pull-out – gallery – D	30 65							
	Design element possible		DQC9RY	294					
▶ Larder unit									
	SPACE TOWER	30 65							
	Cabinet width 275–1200 mm		DQGRMM	296					
▶ Narrow cabinets									
	SPACE TWIN	20							
	Cabinet width 200 mm		DQGV5A	298					
▶ Accessories									
	Glass design element					Aluminium design element			
				300					301
kg	Dynamic carrying capacity								

Recommendation – colour combination of the components

No.	Description	Colour			
		SW	TS	R9006	
2	Drawer side set	SW	TS	R9006	
2	Drawer side set 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	Drawer side set interior	1 SW	TS	R9006	
12	Back fixing left/right	1 SW	TS	R9006	
1	Sink cabinet				
Colour		Colour			
SW	Silk white	S	Black		
TS	Terra black	WGR	White grey		
R9006	RAL 9006 grey (white aluminium)				

Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

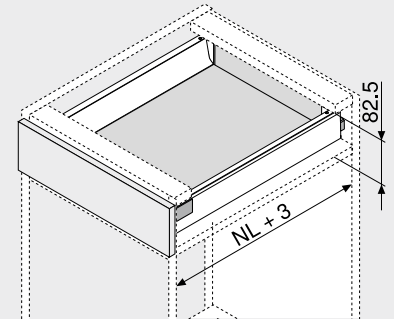
Drawer – N

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

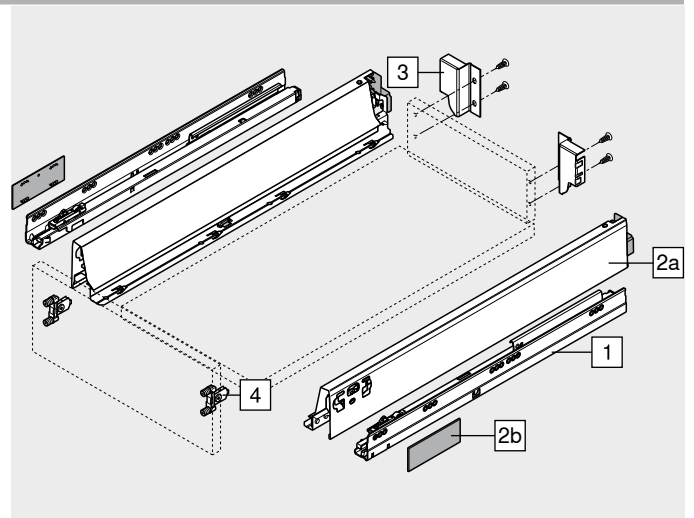
2		Drawer side set
		Drawer side height (mm) 68.5
	Nominal length	Colour
	NL (mm)	SW TS R9006
	400	378N4002SA
	450	378N4502SA
	500	378N5002SA
	550	378N5502SA

Composed of:
2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

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

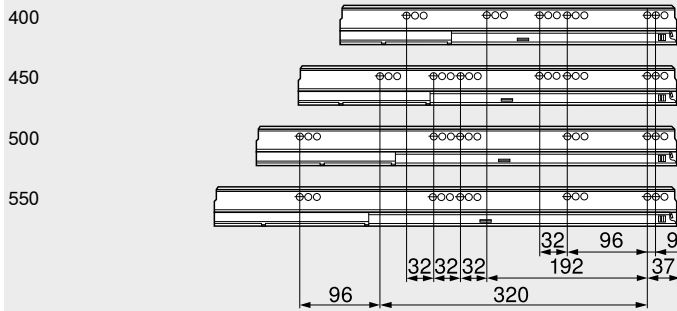
Webcode
DQC21A

Planning

Space requirement in cabinet	Installation dimensions – front – screw-on	Drilling distances – front – INSERTA knock-in	Installation dimensions – back
	<p>FA Front overlay</p>		

Hole spacing – cabinet profiles

Nominal length NL (mm)



Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard

<p>B</p> <p>Back 69 mm</p> <p>LW – 87 mm</p>	
<p>A</p> <p>Base Chipboard back NL – 24 mm Steel back NL – 22 mm</p> <p>LW – 75 mm</p>	
<p>KB Cabinet width LW Internal cabinet width NL Nominal length</p>	

Page instructions

Overview – TANDEMBOX antaro	263	Cabinet profile fixing positions	308	Assembly, removal and adjustment
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Overview – TIP-ON BLUMOTION for TANDEMBOX	313	More technical details	662	
CABLOXX	552			<p>Short-URL www.blum.com/a350</p>
Accessories – steel back	302			
Accessories	300			

Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

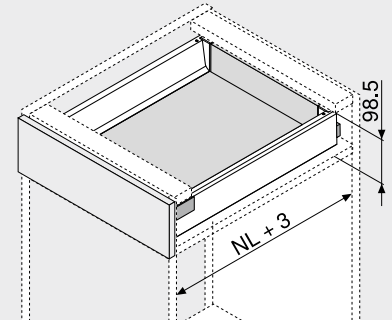
Drawer – M

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	

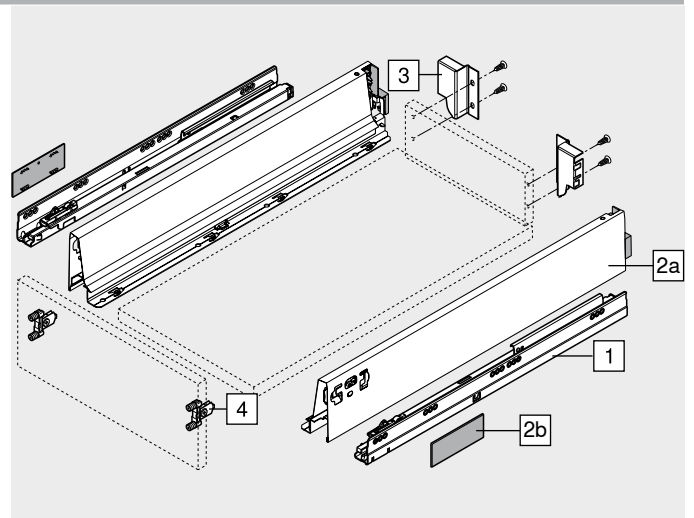
2		Drawer side set	
		Drawer side height (mm) 83.6	
Nominal length		Colour	
NL (mm)	SW TS R9006		
270	378M2702SA		
300	378M3002SA		
350	378M3502SA		
400	378M4002SA		
450	378M4502SA		
500	378M5002SA		
550	378M5502SA		
600	378M6002SA		
650	378M6502SA		

Composed of:
2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

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		

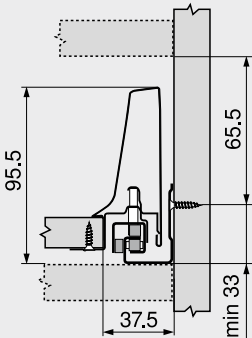


Drawer – M

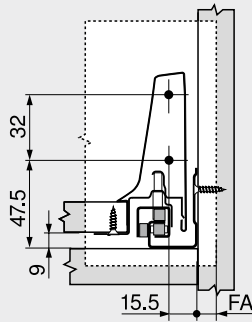
Webcode
DQC2QM

Planning

Space requirement in cabinet

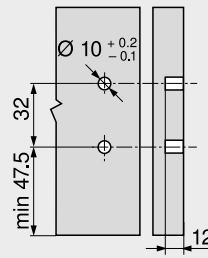


Installation dimensions – front – screw-on

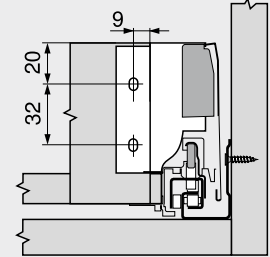


FA Front overlay

Drilling distances – front – INSERTA | knock-in

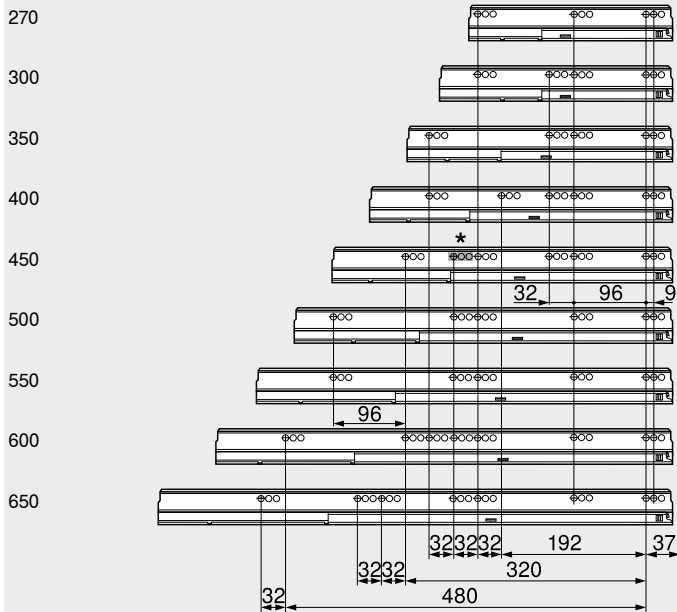


Installation dimensions – back



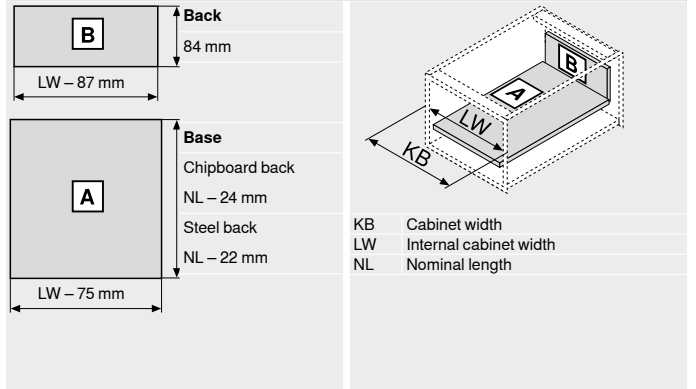
Hole spacing – cabinet profiles

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



Page instructions

Overview – TANDEMBOX antaro	263	Accessories	300	Assembly, removal and adjustment
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Overview – TIP-ON BLUMOTION for TANDEMBOX	313	Overview – assembly devices	561	
Overview – ORGA-LINE for TANDEMBOX CABLOXX	515	More technical details	662	Short-URL www.blum.com/a350
Accessories – steel back	302			



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

Inner drawer – M

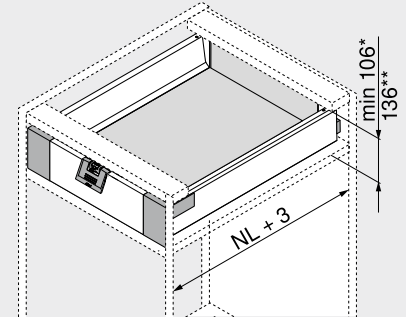
Webcode

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
 * Min. space requirement for inner drawers with or without handles
 ** Inner drawers with easy access from above

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	Drawer side set	
	Drawer side height (mm) 83.6	
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	

Composed of:
 2a 1 x Left/right drawer sides
 2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

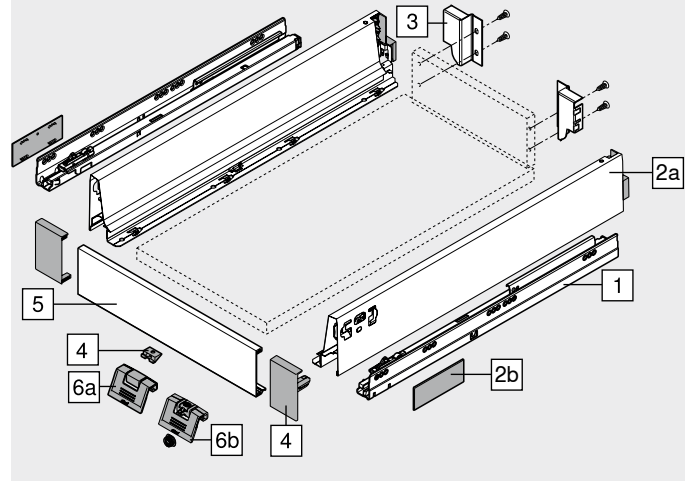
3	Back fixing left/right		
	Colour	Material	Part no.
	SW TS R9006	Steel	Z30M000S.04

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



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

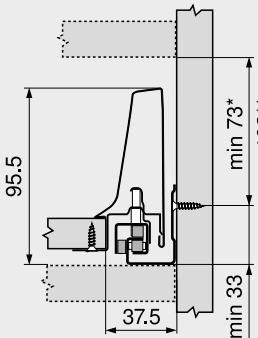
Colour		Colour	
SW	Silk white	S	Black
TS	Terra black	WGR	White grey
R9006	RAL 9006 grey (white aluminium)		

Inner drawer – M

Webcode
DQC45A

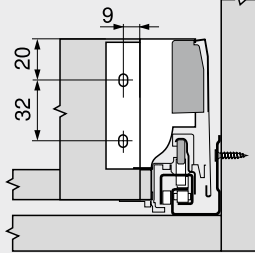
Planning

Space requirement in cabinet

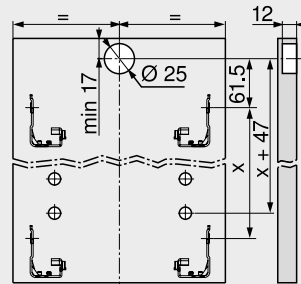


* Min. space requirement for inner drawers with or without handles
Without a handle, opening is only possible from the bottom
** Inner drawers with easy access from above

Installation dimensions – back



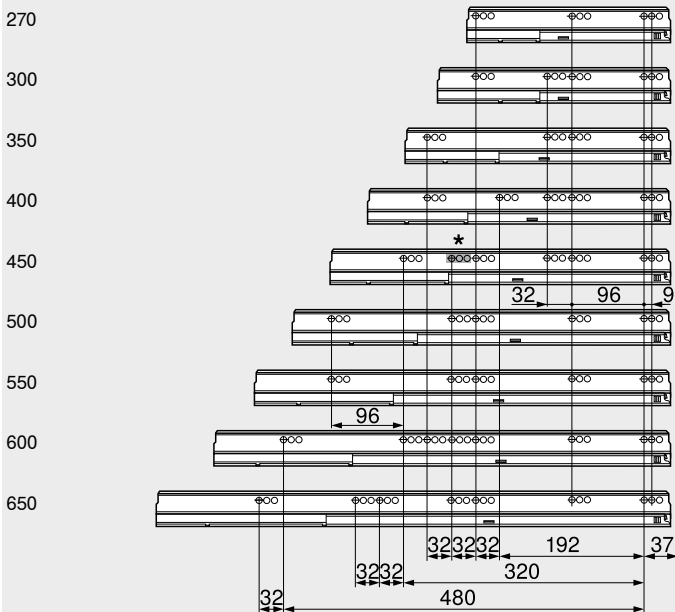
Drilling distances – front – latch



Inner drawer

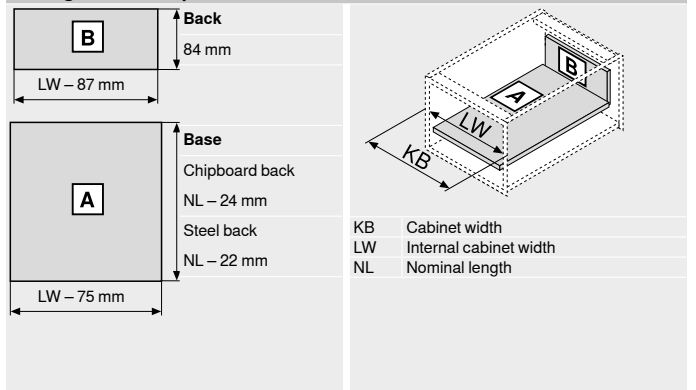
Hole spacing – cabinet profiles

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



Page instructions

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Accessories – steel back	302			



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

Drawer – K

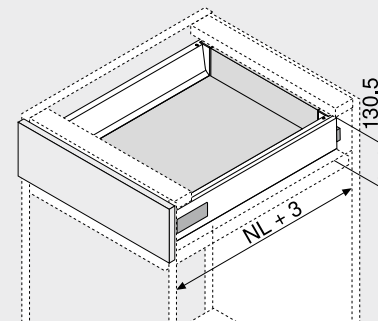
Webcode

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	Drawer side set	
	Drawer side height (mm) 115.6	
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	

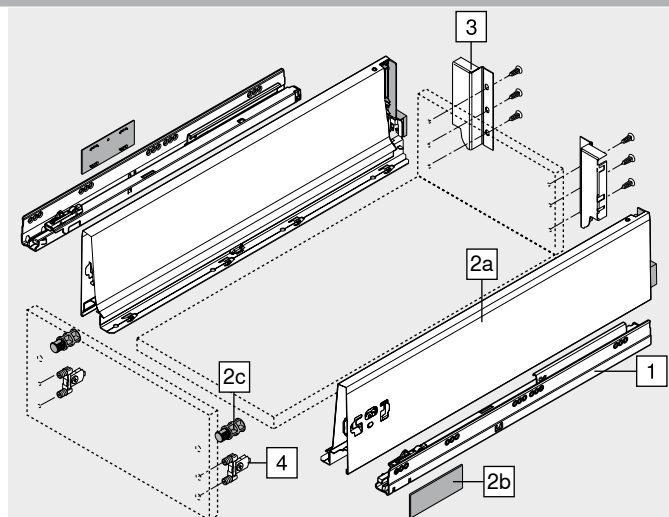
Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x 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	

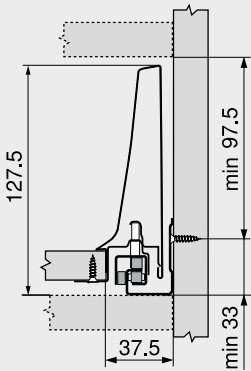


Drawer – K

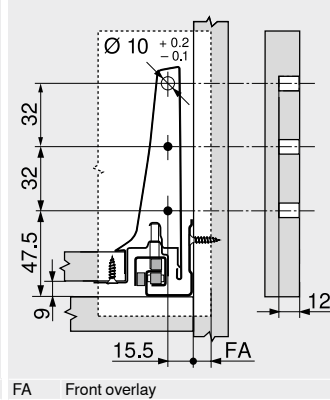
Webcode
DQC3FY

Planning

Space requirement in cabinet

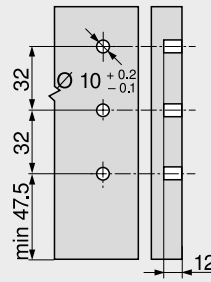


Installation dimensions – front – screw-on

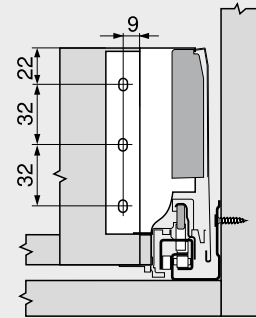


FA Front overlay

Drilling distances – front – INSERTA | knock-in

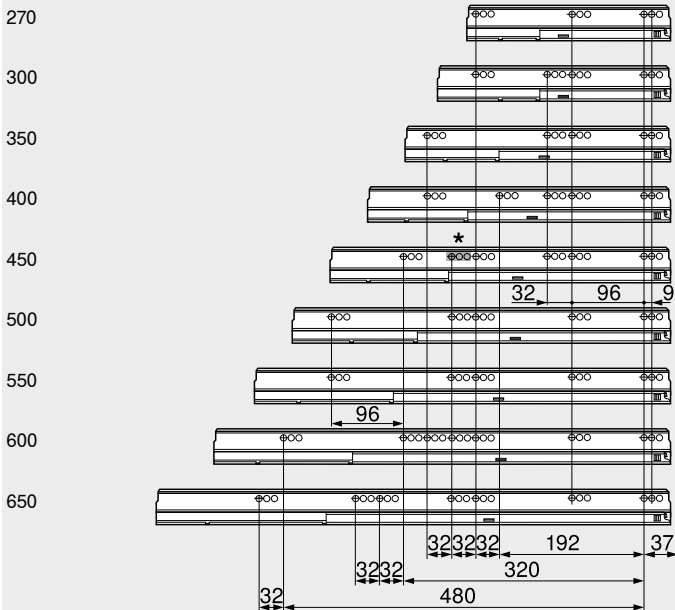


Installation dimensions – back



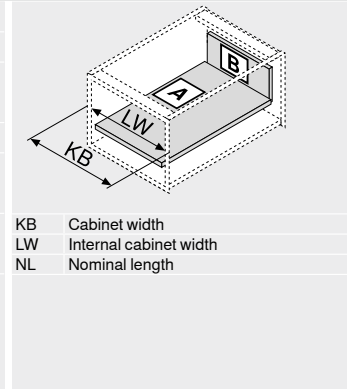
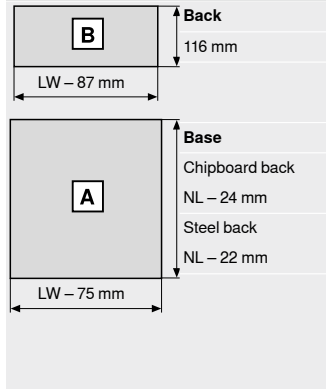
Hole spacing – cabinet profiles

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



Page instructions

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Accessories – steel back	302			



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

Inner drawer – K

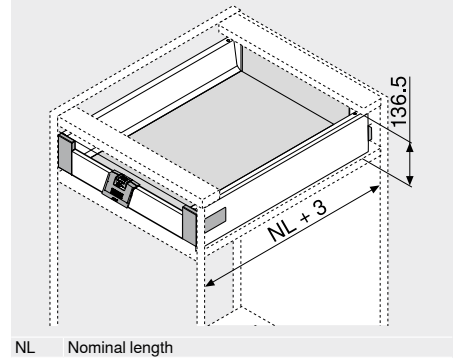
Webcode

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 Drawer side set	
	
Drawer side height (mm)	115.6
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

Composed of:


2a	1 x Left/right drawer sides
2b	2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed
2c	2 x Positioning dowel
	Not required for the inner drawer

3 Back fixing left/right	
	
Colour	Material
SW TS R9006	Steel
	Part no.
	Z30K000S

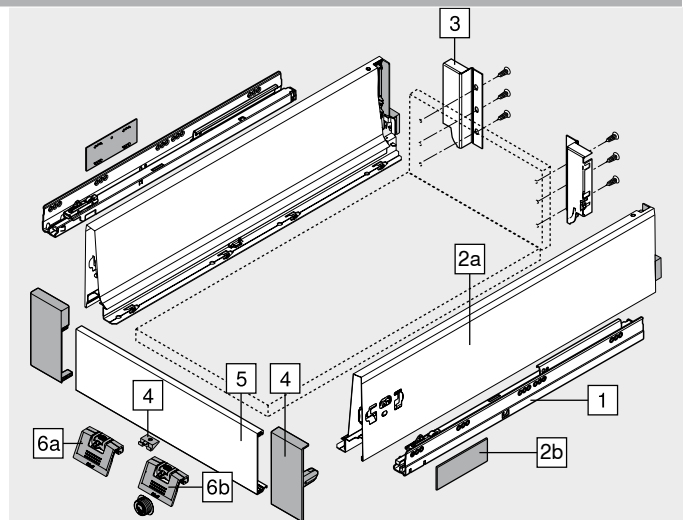
4 Front fixing left/right	
	
Colour	Material
SW S WGR	Nylon
	Part no.
	ZIF.71K0

Composed of:

4	1 x Front fixing left/right
4	1 x Locking piece – Z31A0008

5 Front piece without groove	
	
Colour	Length (mm)
SW TS R9006	1036
	Part no.
	Z31L1036A

Cutting Internal cabinet width LW – 132 mm



Accessories

6a	Handle	Material	Part no.
	Colour	Nylon	ZIF.80M5
	SW S WGR		

Alternative to 6a

6b	Handle and latch	Material	Part no.
	Colour	Nylon	ZIF.80M7
	SW S WGR		

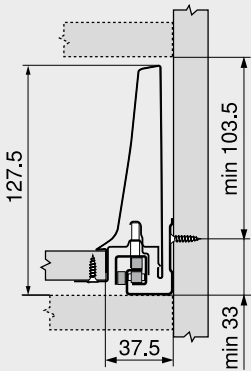
Colour		Colour	
SW	Silk white	S	Black
TS	Terra black	WGR	White grey
R9006	RAL 9006 grey (white aluminium)		

Inner drawer – K

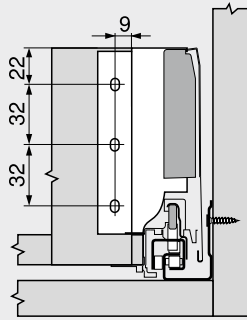
Webcode
DQC4UM

Planning

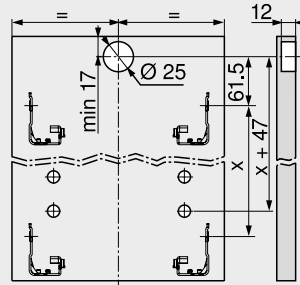
Space requirement in cabinet



Installation dimensions – back



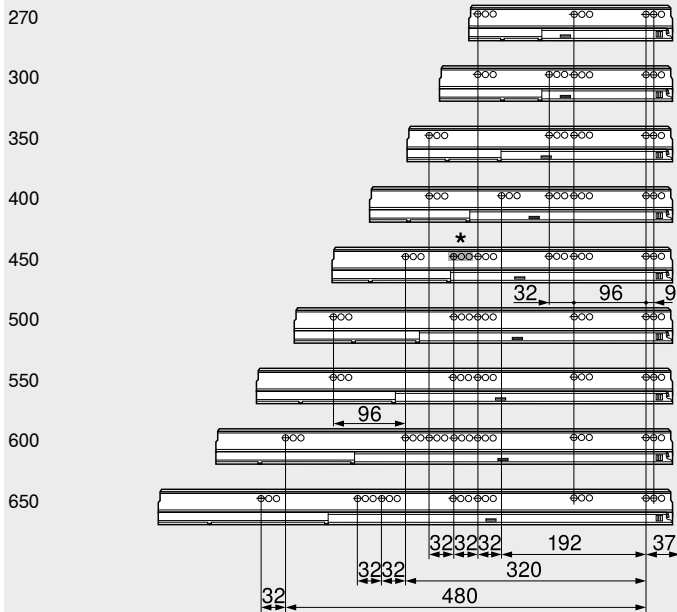
Drilling distances – front – latch



Inner drawer

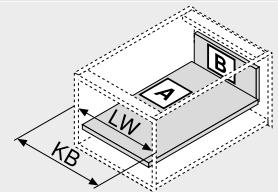
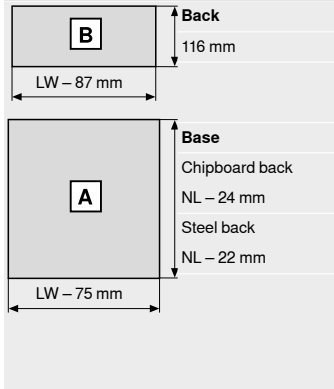
Hole spacing – cabinet profiles

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

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Short-URL
www.blum.com/a350



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

High fronted pull-out – gallery – C

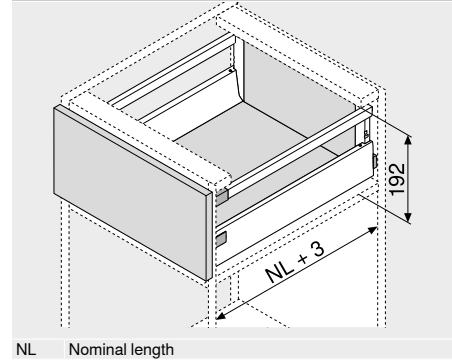
Webcode

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



Box systems

Order information

1 Cabinet profiles left/right	
BLUMOTION	
Dynamic carrying capacity (kg)	
Nominal length 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

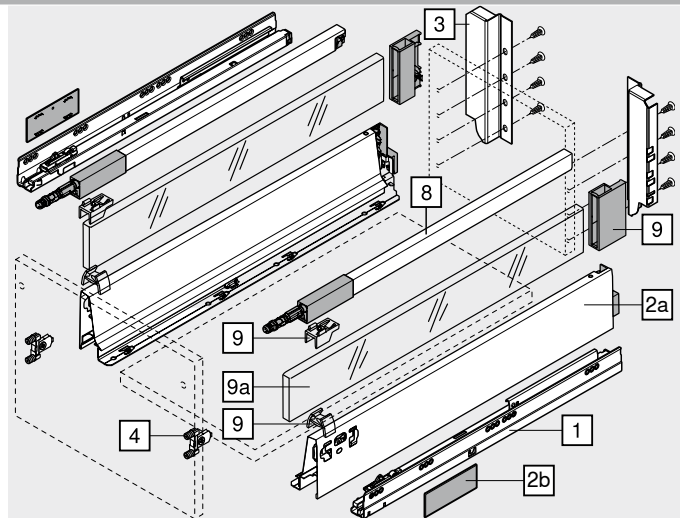
2 Drawer side set	
Drawer side height (mm) 83.6	
Colour	
Nominal length NL (mm)	SW TS R9006
270	378M2702SA
300	378M3002SA
350	378M3502SA
400	378M4002SA
450	378M4502SA
500	378M5002SA
550	378M5502SA
600	378M6002SA
650	378M6502SA

Composed of:
2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

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	Material	Part no.
SW Silk white	S Black	Aluminium	2 x Z37Rxx7C
TS Terra black	WGR White grey		
R9006 RAL 9006 grey (white aluminium)			



8 Longside gallery rail left/right	
Nominal length NL (mm)	Colour 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

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	Drilling distances – front – INSERTA knock-in	Installation dimensions – back
	<p>FA Front overlay</p>		

Hole spacing – cabinet profiles

Nominal length NL (mm)	Diagram
270	
300	
350	
400	
450	
500	
550	
600	
650	

Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

Cutting – 16 mm chipboard

<p>B</p> <p>Back 167 mm</p> <p>LW – 87 mm</p>	
<p>A</p> <p>Base</p> <p>Chipboard back NL – 24 mm</p> <p>Steel back NL – 22 mm</p> <p>LW – 75 mm</p>	
<p>KB Cabinet width</p> <p>LW Internal cabinet width</p> <p>NL Nominal length</p>	

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

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Accessories – design element	300	More technical details	662	Short-URL www.blum.com/a350



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

Inner pull-out – gallery – C

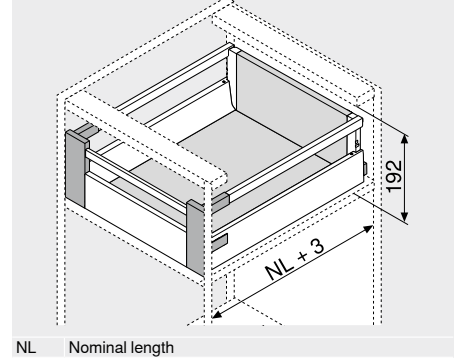
Webcode

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

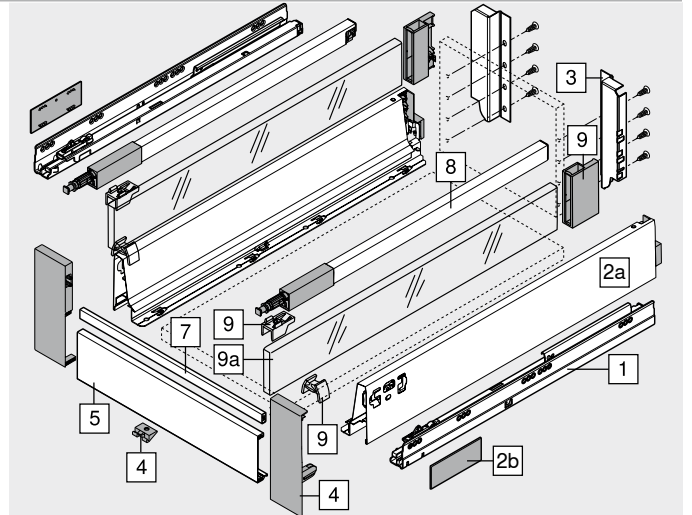
Space requirement



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	Drawer side set		
	Drawer side height (mm) 83.6		
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		
Composed of:			
2a	1 x Left/right drawer sides		
2b	2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed		
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		
	Colour		
Nominal length	SW TS R9006		
NL (mm)			
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		

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)		

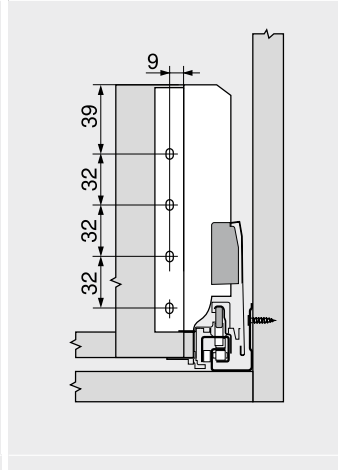
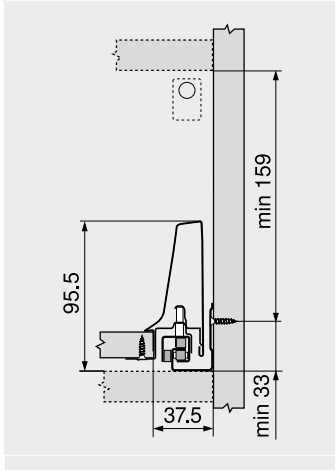
Inner pull-out – gallery – C

Webcode
DQCAHA

Planning

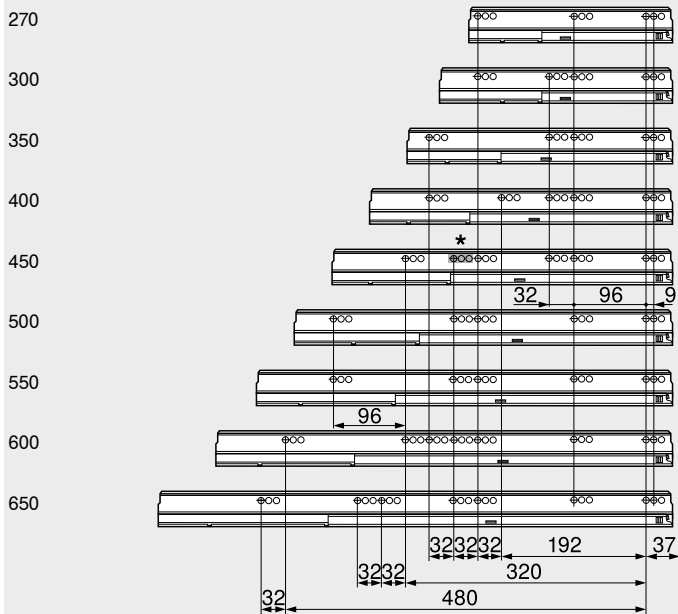
Space requirement in cabinet

Installation dimensions – back



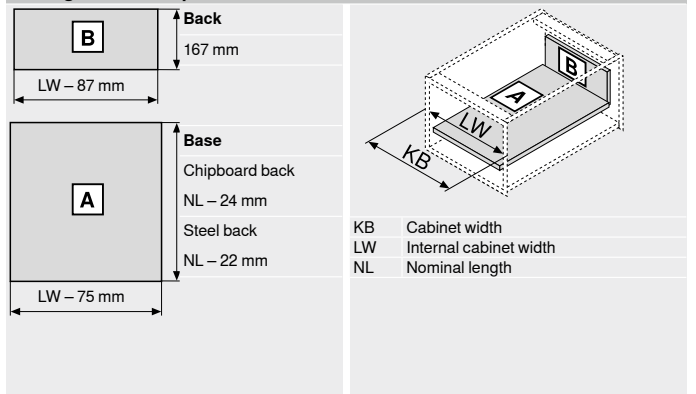
Hole spacing – cabinet profiles

Nominal length NL (mm)

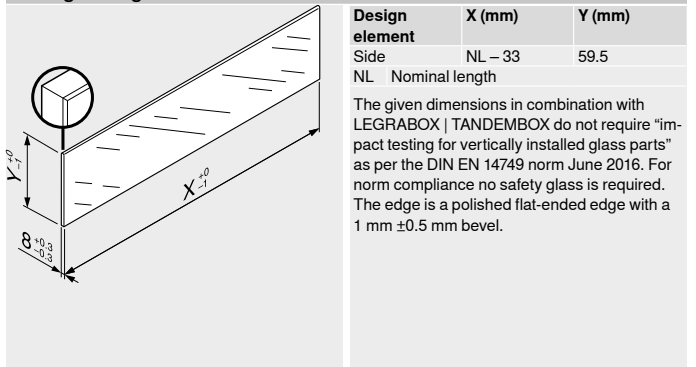


Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

Cutting – 16 mm chipboard



Cutting – design element



Page instructions

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Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

High fronted pull-out – gallery – D

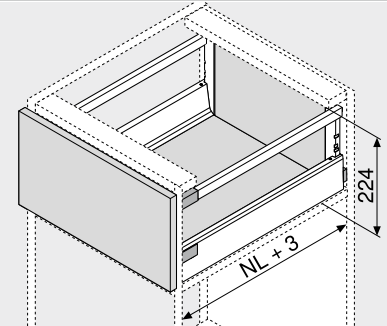
Webcode

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		
Dynamic carrying capacity (kg)		
Nominal length 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	578.6501B	576.6501B

2 Drawer side set	
	
Drawer side height (mm) 83.6	
Colour	
Nominal length NL (mm)	SW TS R9006
270	378M2702SA
300	378M3002SA
350	378M3502SA
400	378M4002SA
450	378M4502SA
500	378M5002SA
550	378M5502SA
600	378M6002SA
650	378M6502SA

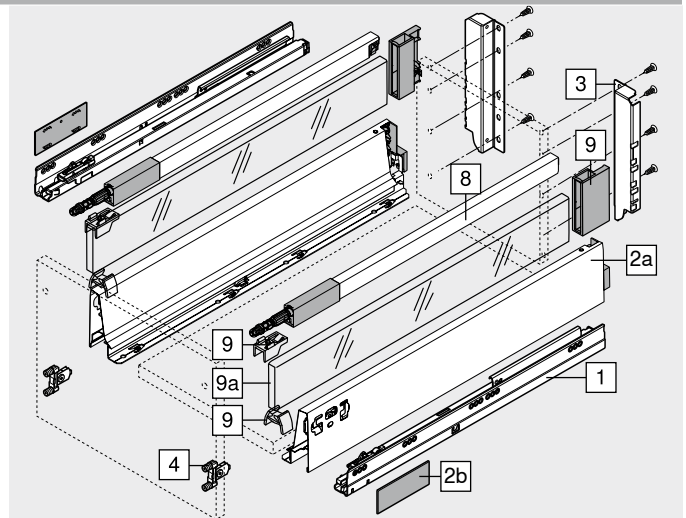
Composed of:


- 2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

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	Material	Part no.
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 NL (mm)	Colour
	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

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

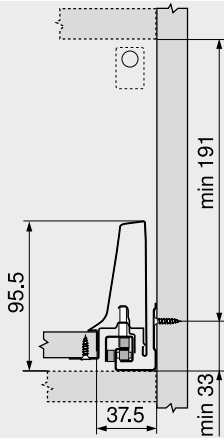
Order specification, see accessories – design element

High fronted pull-out – gallery – D

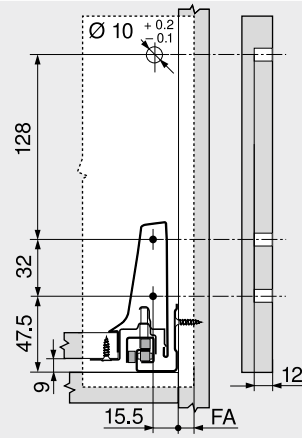
Webcode
DQC69A

Planning

Space requirement in cabinet

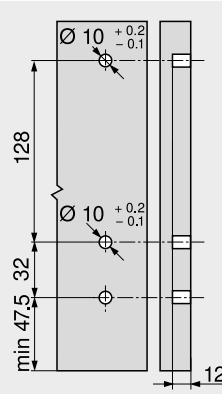


Installation dimensions – front – screw-on

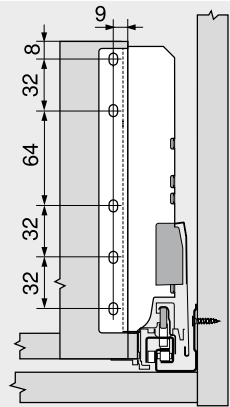


FA Front overlay

Drilling distances – front – INSERTA | knock-in

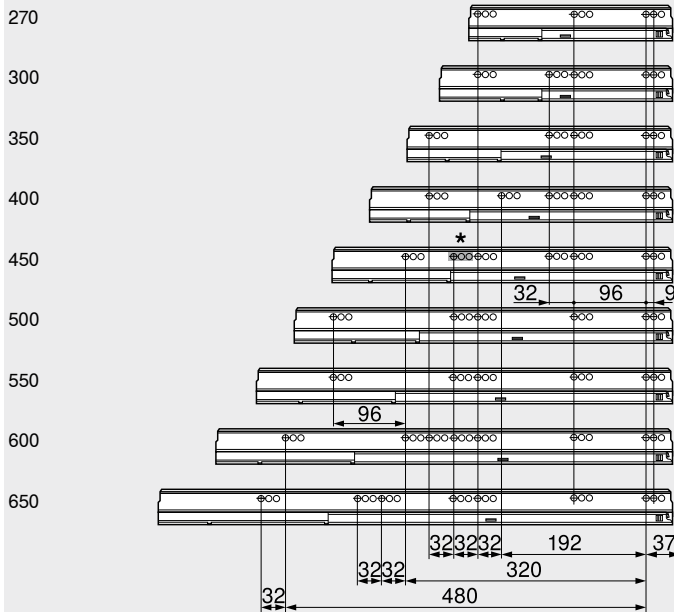


Installation dimensions – back



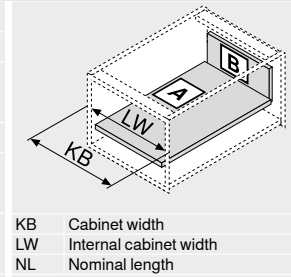
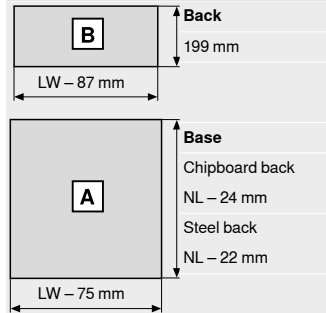
Hole spacing – cabinet profiles

Nominal length NL (mm)

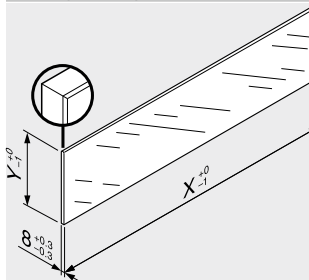


Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

Cutting – 16 mm chipboard



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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Overview – ORGA-LINE for TANDEMBOX CABLOXX	515	Overview – assembly devices
Accessories – design element	300	More technical details

302 Assembly, removal and adjustment

300	
308	
561	Short-URL
662	www.blum.com/a350



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

Inner pull-out – gallery – D

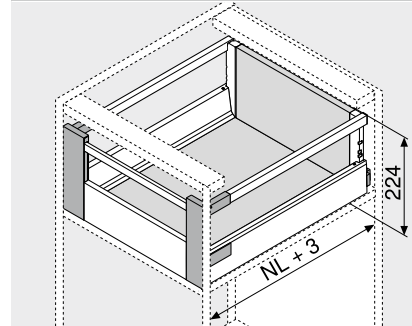
Webcode

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	
	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	578.6501B	576.6501B

2	Drawer side set	
	Drawer side height (mm) 83.6	
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	

Composed of:
2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

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

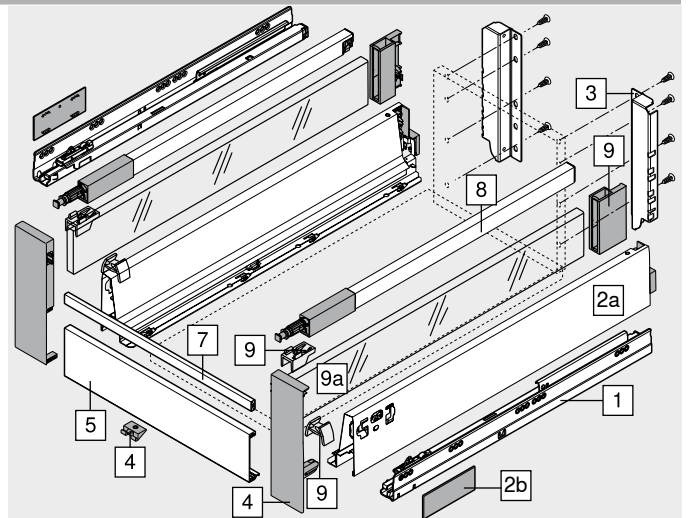
Composed of:
4 1 x Front fixing left/right
4 1 x Locking piece – Z31A0008
4 2 x Gallery head – ZRG.000R5F

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

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	Z37Axx7D

Order specification, see accessories – design element

Colour	Colour	Colour	Colour
SW	Silk white	S	Black
TS	Terra black	WGR	White grey
R9006	RAL 9006 grey (white aluminium)		

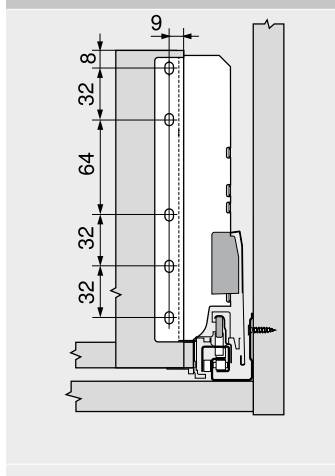
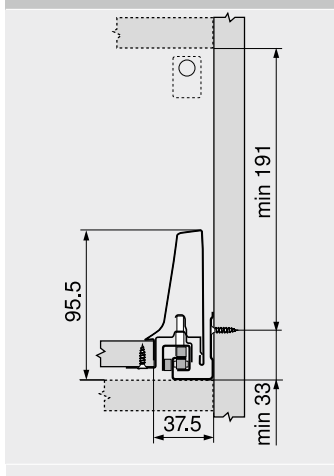
Inner pull-out – gallery – D

Webcode
DQCB6M

Planning

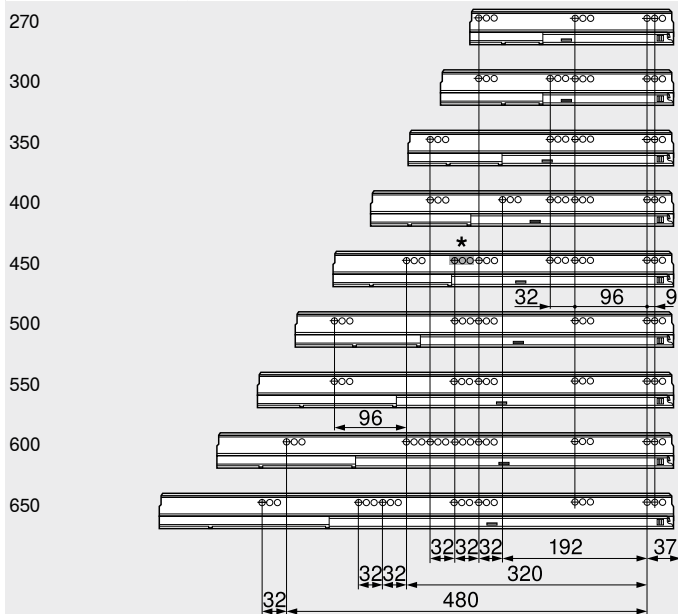
Space requirement in cabinet

Installation dimensions – back



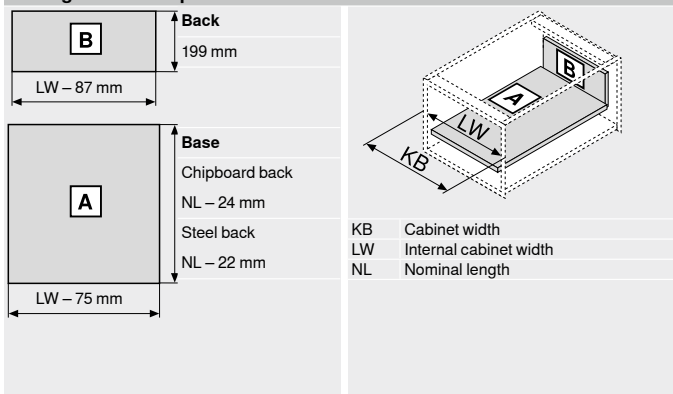
Hole spacing – cabinet profiles

Nominal length NL (mm)

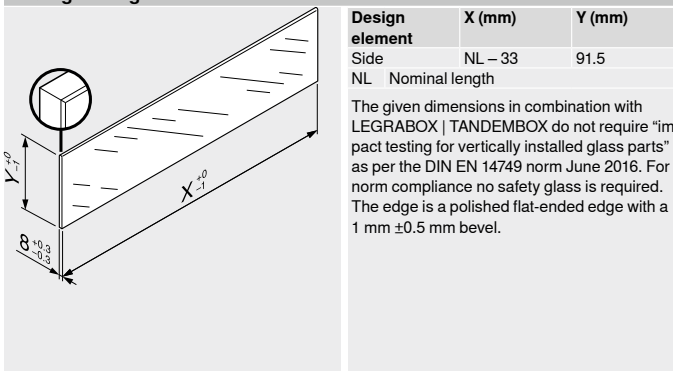


Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

Cutting – 16 mm chipboard



Cutting – design element



Page instructions

Overview – TANDEMBOX antaro	263	Accessories – steel back	302	Assembly, removal and adjustment	
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Overview – TIP-ON BLUMOTION for TANDEMBOX	313	Cabinet profile fixing positions	308		
Overview – ORGA-LINE for TANDEMBOX CABLOXX	515	Overview – assembly devices	561		
Accessories – design element	300	More technical details	662	Short-URL	
				www.blum.com/a350	

Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

High fronted pull-out – gallery – D – K drawer side

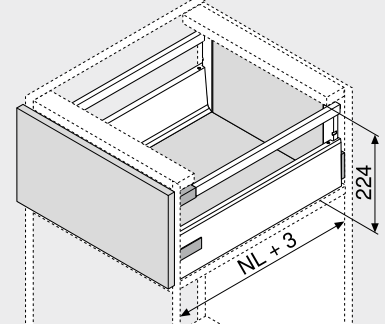
Webcode

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

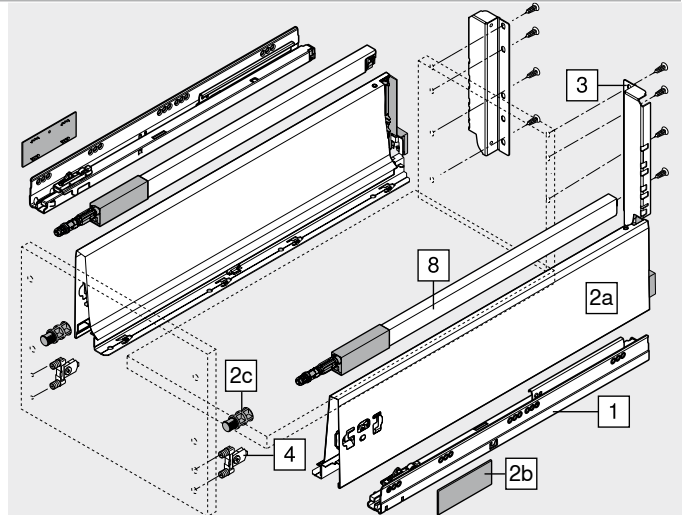
2	Drawer side set	
	Drawer side height (mm)	115.6
Nominal length	Colour	
NL (mm)	SW TS R9006	
270	378K2702SA	
300	378K3002SA	
350	378K3502SA	
400	378K4002SA	
450	378K4502SA	
500	378K5002SA	
550	378K5502SA	
600	378K6002SA	
650	378K6502SA	

Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x 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

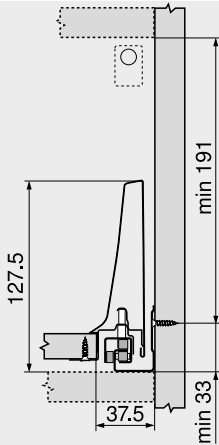
Colour	Colour
SW Silk white	R9006 RAL 9006 grey (white aluminium)
TS Terra black	

High fronted pull-out – gallery – D – K drawer side

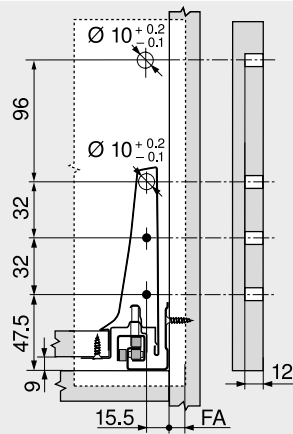
Webcode
DQC6YM

Planning

Space requirement in cabinet

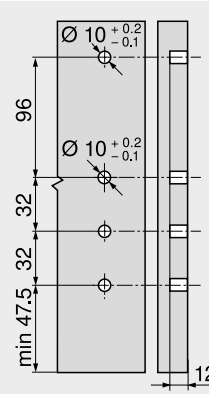


Installation dimensions – front – screw-on

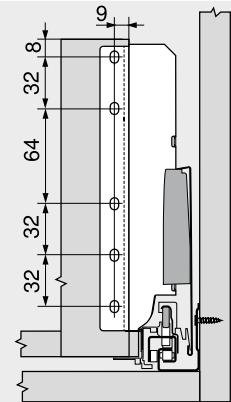


FA Front overlay

Drilling distances – front – INSERTA | knock-in

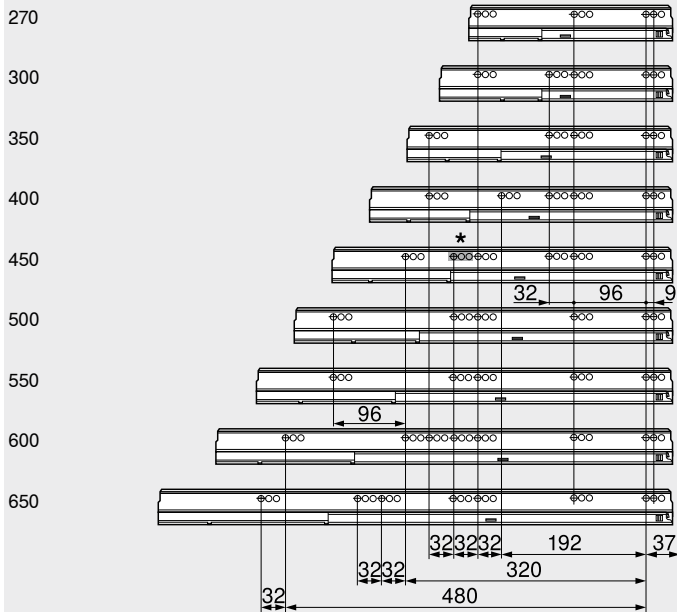


Installation dimensions – back



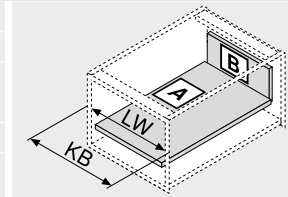
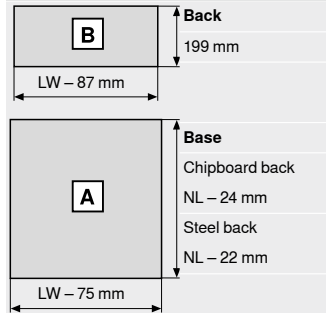
Hole spacing – cabinet profiles

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

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Overview – ORGA-LINE for TANDEMBOX CABLOXX	515	More technical details	662	
Accessories – steel back	302			Short-URL
				www.blum.com/a350



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

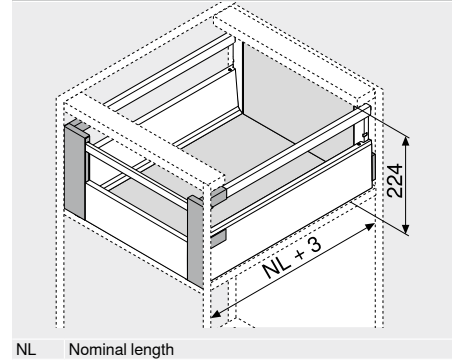
Inner pull-out – gallery – D – K drawer side

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



Order information

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	578.6501B	576.6501B

2 Drawer side set	
Drawer side height (mm)	115.6
Nominal length NL (mm)	
Colour SW TS R9006	
270	378K2702SA
300	378K3002SA
350	378K3502SA
400	378K4002SA
450	378K4502SA
500	378K5002SA
550	378K5502SA
600	378K6002SA
650	378K6502SA

Composed of:

- 2a 1 x Left/right drawer sides
- 2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed
- 2c 2 x Positioning dowel
Not required for the inner pull-out

3 Back fixing left/right			
Colour	Material	Part no.	
SW TS R9006	Steel	Z30D000SL	

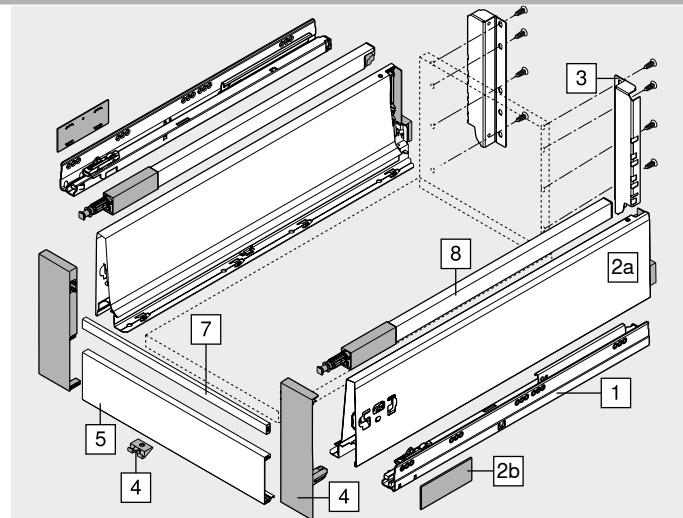
4 Front fixing left/right			
Colour	Material	Part no.	
SW S WGR	Nylon	ZIF.74D0	

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 NL (mm)	Colour 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		

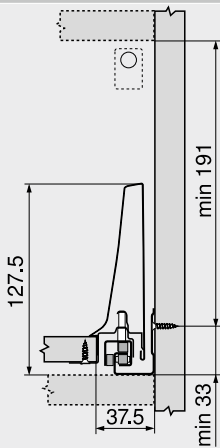
Colour		Colour	
SW	Silk white	S	Black
TS	Terra black	WGR	White grey
R9006	RAL 9006 grey (white aluminium)		

Inner pull-out – gallery – D – K drawer side

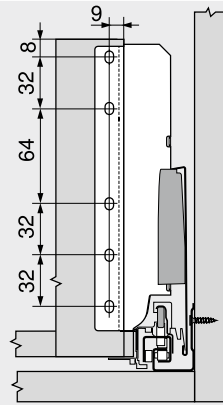
Webcode
DQCBVY

Planning

Space requirement in cabinet

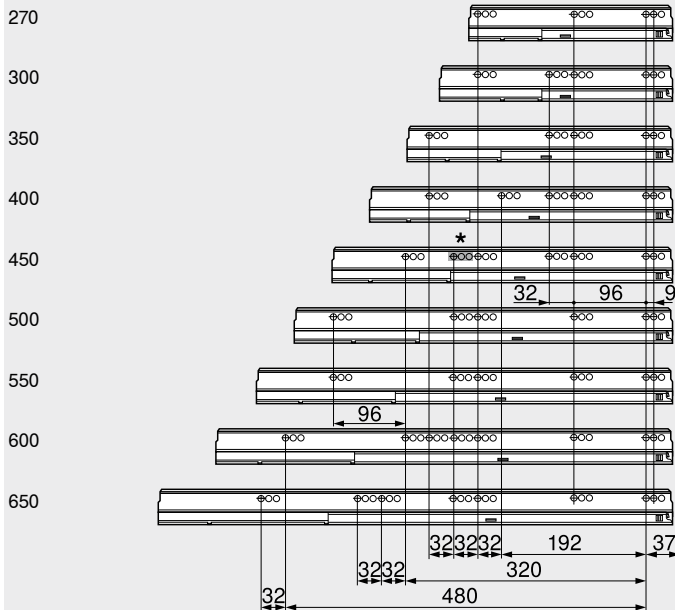


Installation dimensions – back



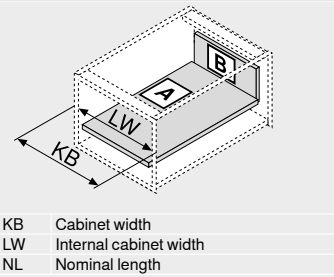
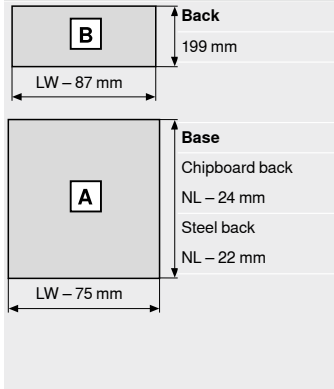
Hole spacing – cabinet profiles

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



Page instructions

Overview – TANDEMBOX antaro	263	Accessories	300	Assembly, removal and adjustment
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				www.blum.com/a350



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

High fronted pull-out – gallery – C – alu frames

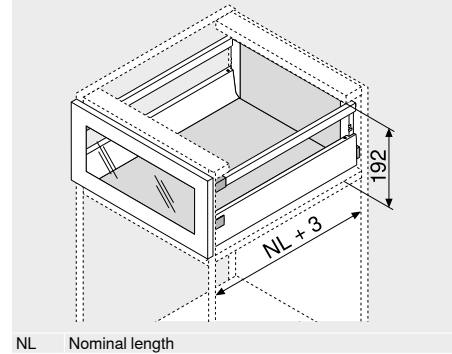
Webcode

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



Order information

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	Drawer side set	
	Drawer side height (mm) 83.6	
Nominal length NL (mm)	Colour	
	SW TS R9006	
270	378M2702SA	
300	378M3002SA	
350	378M3502SA	
400	378M4002SA	
450	378M4502SA	
500	378M5002SA	
550	378M5502SA	
600	378M6002SA	
650	378M6502SA	

Composed of:
2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

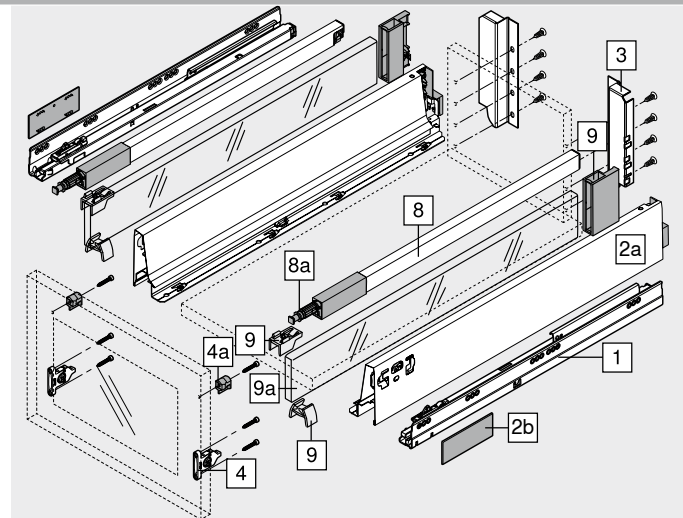
3	Back fixing left/right		
	Colour	Material	Part no.
	SW TS R9006	Steel	Z30C000S

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	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 NL (mm)	
	Colour	
	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

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

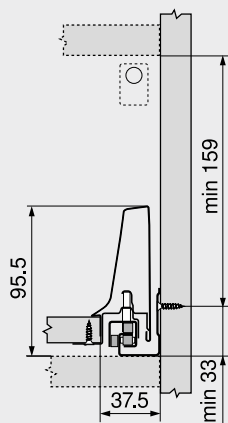
Order specification, see accessories – design element

High fronted pull-out – gallery – C – alu frames

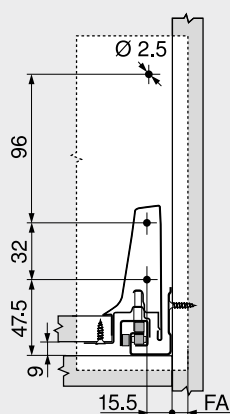
Webcode
DQC7NY

Planning

Space requirement in cabinet

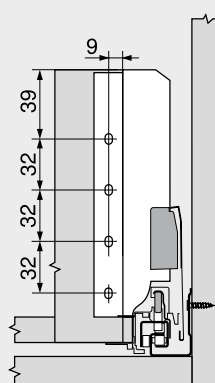


Installation dimensions – front – screw-on



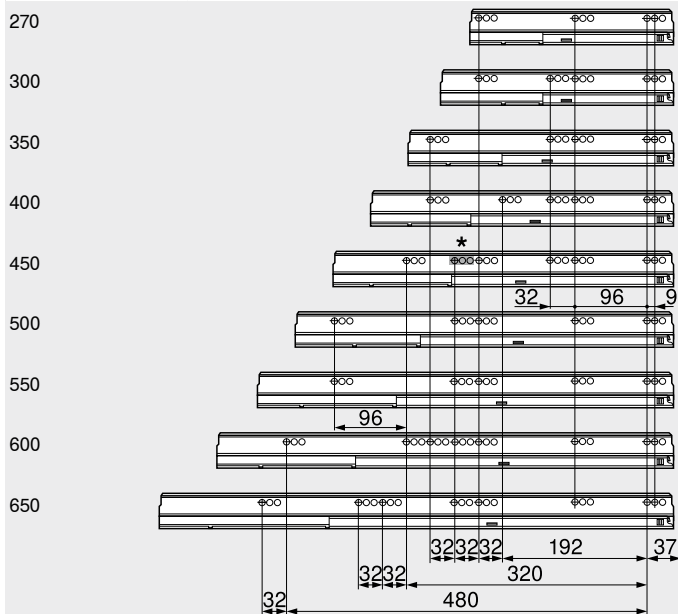
FA Front overlay

Installation dimensions – back



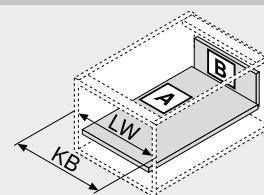
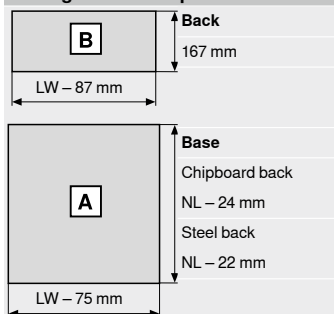
Hole spacing – cabinet profiles

Nominal length NL (mm)



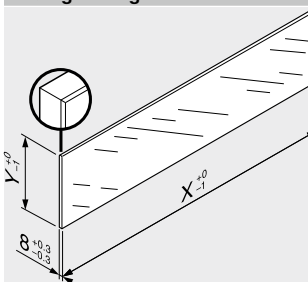
Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

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

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Overview – ORGA-LINE for TANDEMBOX CABLOXX	313	Overview – assembly devices	561	Short-URL
Accessories – design element	515	More technical details	662	www.blum.com/a350
	552			
	300			



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Standard cabinet

High fronted pull-out – gallery – D – alu frames

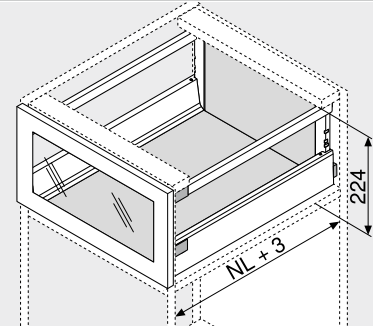
Webcode

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 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	Drawer side set	
	Drawer side height (mm) 83.6	
Nominal length NL (mm)	Colour	
	SW TS R9006	
270	378M2702SA	
300	378M3002SA	
350	378M3502SA	
400	378M4002SA	
450	378M4502SA	
500	378M5002SA	
550	378M5502SA	
600	378M6002SA	
650	378M6502SA	

Composed of:

- 2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

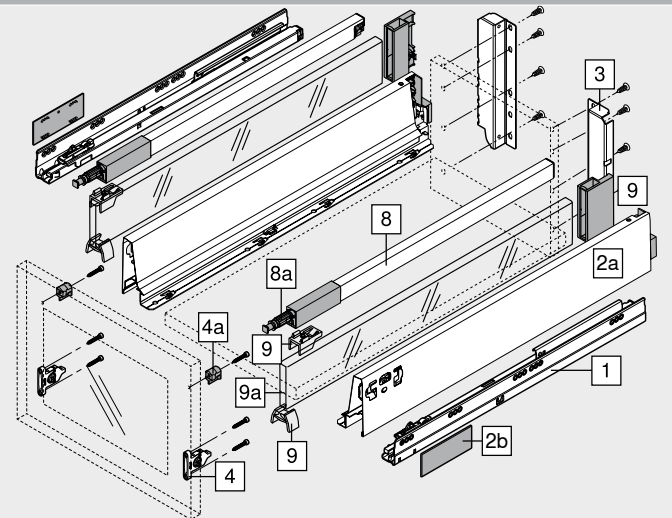
3	Back fixing left/right		
	Colour	Material	Part no.
	SW TS R9006	Steel	Z30D000SL

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	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 NL (mm)	Colour
		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

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

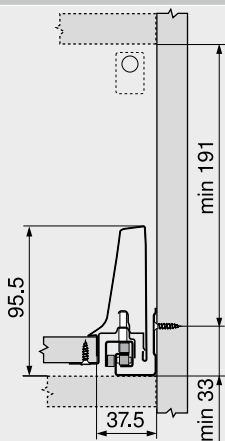
Order specification, see accessories – design element

High fronted pull-out – gallery – D – alu frames

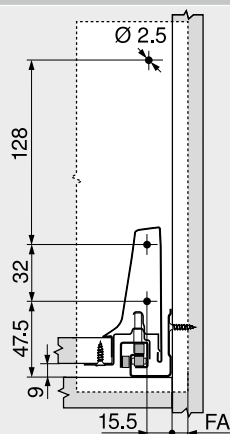
Webcode
DQC8DA

Planning

Space requirement in cabinet

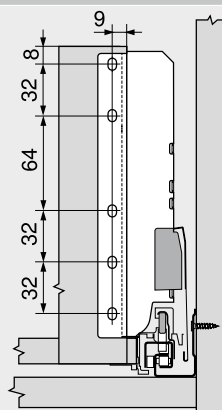


Installation dimensions – front – screw-on



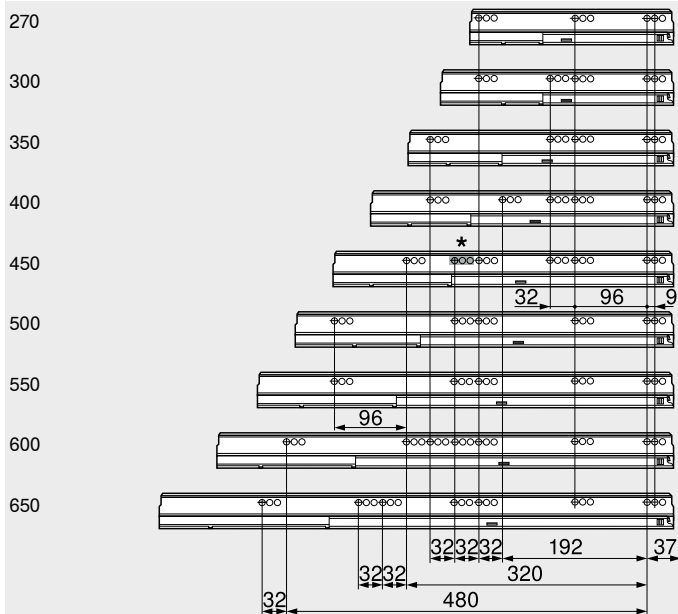
FA Front overlay

Installation dimensions – back



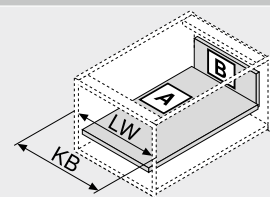
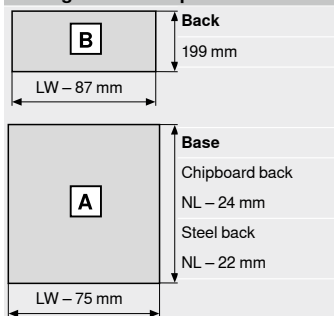
Hole spacing – cabinet profiles

Nominal length NL (mm)



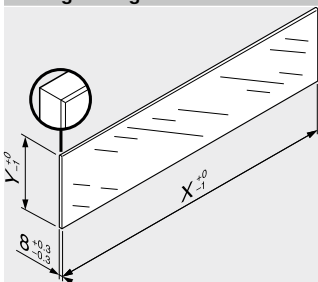
Internal cabinet depth LT min. = nominal length NL + 3 mm
* Line drilling only with 578.4501B (30 kg)

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	263	Accessories – steel back	302	Assembly, removal and adjustment
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories	300	
Overview – TIP-ON BLUMOTION for TANDEMBOX	313	Cabinet profile fixing positions	308	
Overview – ORGA-LINE for TANDEMBOX CABLOXX	515	Overview – assembly devices	561	
Accessories – design element	300	More technical details	662	



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Sink cabinet

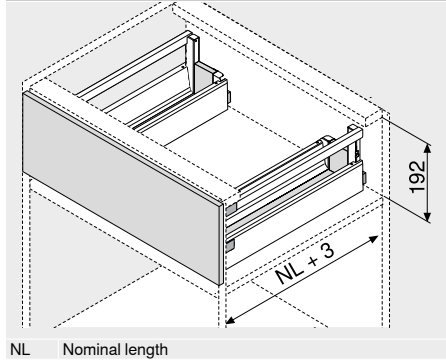
High fronted pull-out – gallery – C

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



Box systems

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	Drawer side set exterior	
	Drawer side height (mm) 83.6	
Nominal length	Colour	
NL (mm)	SW TS R9006	
450	378M4502SA	
500	378M5002SA	
550	378M5502SA	
600	378M6002SA	
650	378M6502SA	

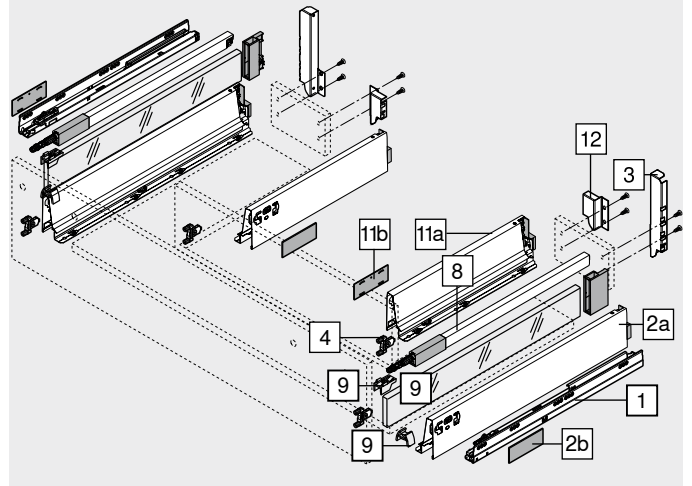
Composed of:
2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed

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	
	Colour	
Nominal length	SW TS R9006	
NL (mm)	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	Drawer side set interior	
	Drawer side height (mm)	83.6
Nominal length	Colour	
NL (mm)	SW TS R9006	
270	378M2702SA	
300	378M3002SA	
350	378M3502SA	
400	378M4002SA	
450	378M4502SA	
500	378M5002SA	

Composed of:
11a 1 x Left/right drawer sides
11b 2 x 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

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	Z37Axx7C

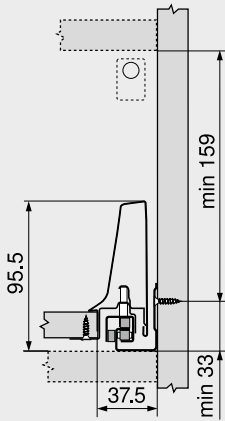
Order specification, see accessories – design element

High fronted pull-out – gallery – C

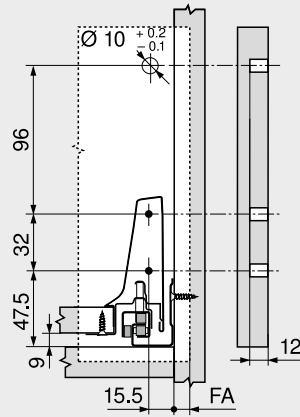
Webcode
DQC92M

Planning

Space requirement in cabinet

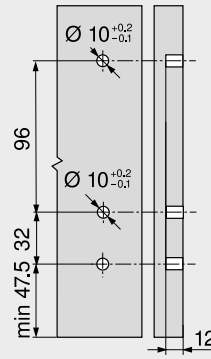


Installation dimensions – front – screw-on

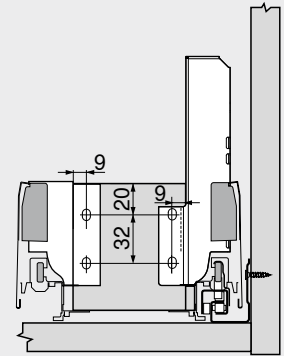


FA Front overlay

Drilling distances – front – INSERTA | knock-in

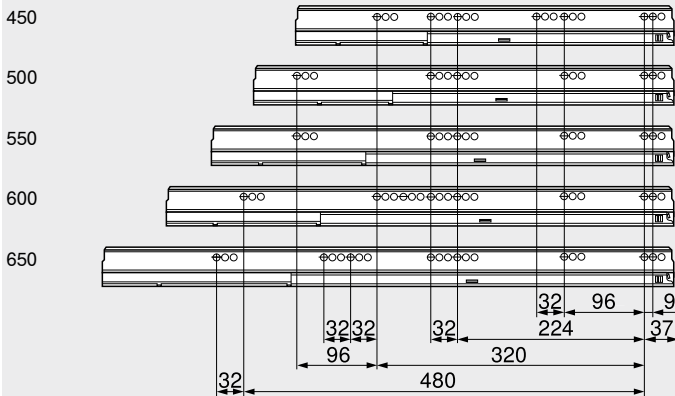


Installation dimensions – back



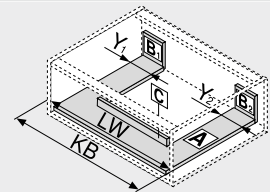
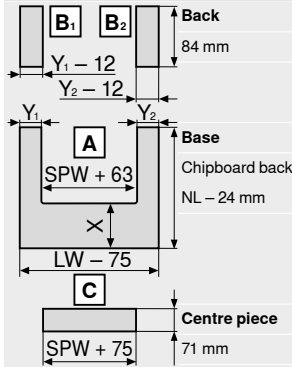
Hole spacing – cabinet profiles

Nominal length NL (mm)



Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard

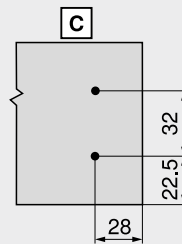


KB Cabinet width
LW Internal cabinet width
NL Nominal length
SPW Internal cabinet width between the inner drawer sides

X = NL drawer sides exterior – NL drawer sides interior – 10 mm
Y min. (mm) Y max. (mm)

BLUMOTION	TIP-ON BLUMOTION	Y max. (mm)
48	75	225

Drilling distances – centre piece



Page instructions

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Overview – ORGA-LINE for TANDEMBOX CABLOXX	515	More technical details
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Assembly, removal and adjustment

www.blum.com/a350



Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Sink cabinet

High fronted pull-out – gallery – D

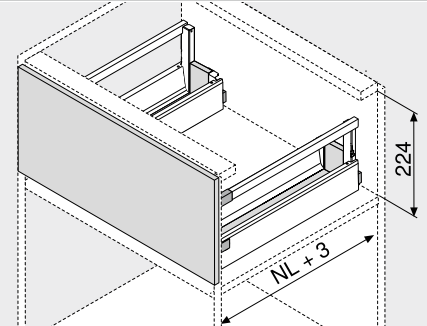
Webcode

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	Drawer side set exterior	
	Drawer side height (mm) 83.6	
Nominal length	Colour	
NL (mm)	SW TS R9006	
450	378M4502SA	
500	378M5002SA	
550	378M5502SA	
600	378M6002SA	
650	378M6502SA	

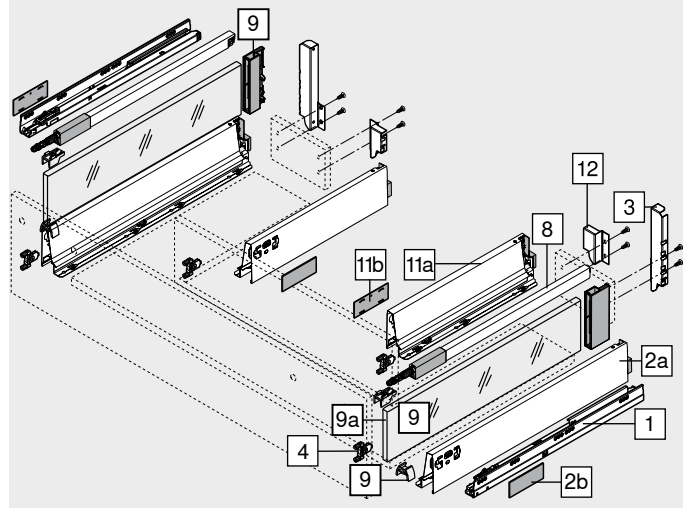
Composed of:
2a 1 x Left/right drawer sides
2b 2 x Cover caps, stamped with Blum logo, starting at 1000 pcs. individually printed


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	
	Colour	
Nominal length	SW TS R9006	
NL (mm)	ZRG.387RSIC	
450	ZRG.437RSIC	
500	ZRG.487RSIC	
550	ZRG.537RSIC	
600	ZRG.587RSIC	
650		

Colour	Colour	Colour	Colour
SW	Silk white	S	Black
TS	Terra black	WGR	White grey
R9006	RAL 9006 grey (white aluminium)		



11	Drawer side set interior	
	Drawer side height (mm) 83.6	
Nominal length	Colour	
NL (mm)	SW TS R9006	
270	378M2702SA	
300	378M3002SA	
350	378M3502SA	
400	378M4002SA	
450	378M4502SA	
500	378M5002SA	

Composed of:
11a 1 x Left/right drawer sides
11b 2 x 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

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	Z37Axx7D
			2 x

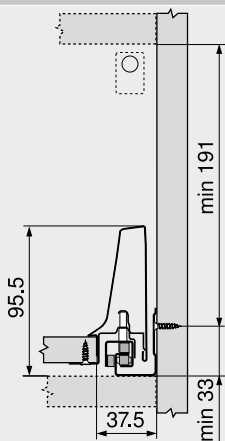
Order specification, see accessories – design element

High fronted pull-out – gallery – D

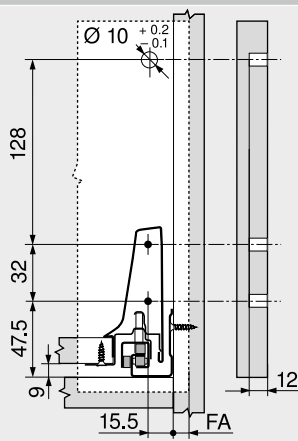
Webcode
DQC9RY

Planning

Space requirement in cabinet

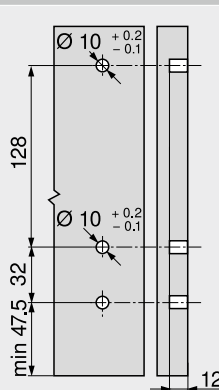


Installation dimensions – front – screw-on

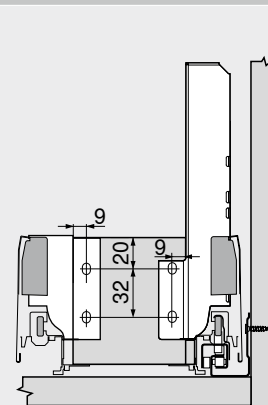


FA Front overlay

Drilling distances – front – INSERTA | knock-in

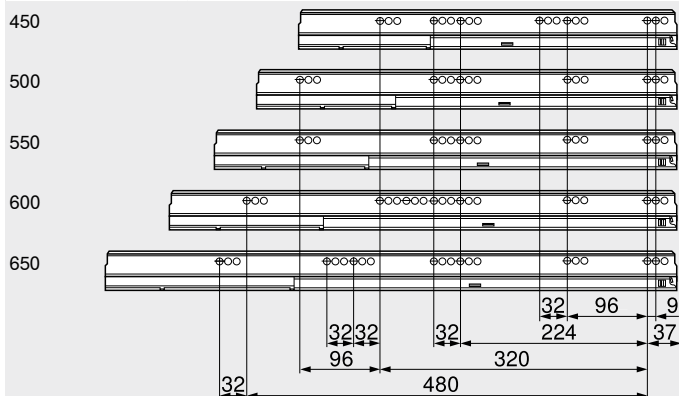


Installation dimensions – back



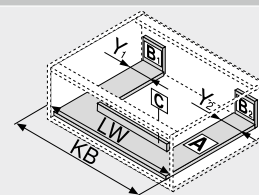
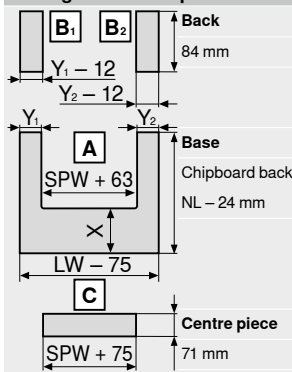
Hole spacing – cabinet profiles

Nominal length NL (mm)



Internal cabinet depth LT min. = nominal length NL + 3 mm

Cutting – 16 mm chipboard

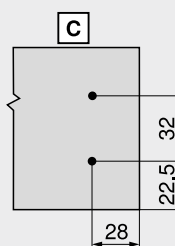


KB Cabinet width
LW Internal cabinet width
NL Nominal length
SPW Internal cabinet width between the inner drawer sides

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



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Overview – ORGA-LINE for TANDEMBOX CABLOXX	515	More technical details
Accessories – design element	300	

300	Assembly, removal and adjustment
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561	
662	Short-URL

Assembly, removal and adjustment

www.blum.com/a350



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

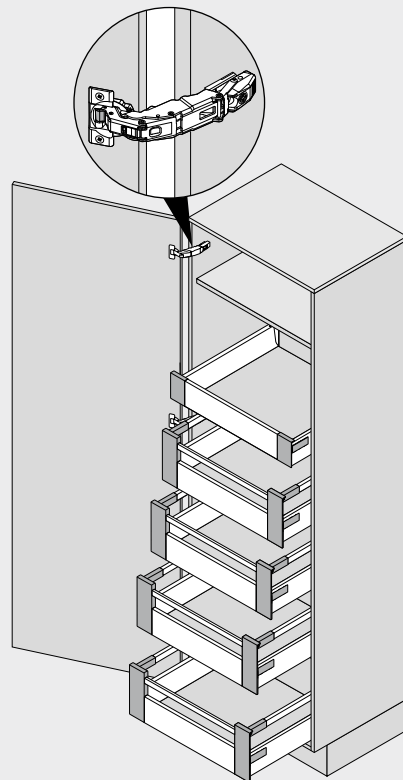
Application recommendation	Page
Inner drawer – M	270
Inner pull-out – gallery – C	278
Inner pull-out – gallery – D	282
ORGA-LINE for TANDEMBOX antaro – cross divider	524
ORGA-LINE for TANDEMBOX antaro – cross gallery	525
CLIP top BLUMOTION 155° hinge	86
Recommendation	
Cabinet width KB (mm)	
275–1200	

Planning

Help with planning and ordering

Short-URL

www.blum.com/planningtools



Page instructions

Overview – TANDEMBOX antaro	263	More technical details	662	Assembly, removal and adjustment
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321			
Overview – ORGA-LINE for TANDEMBOX	515			
CLIP top BLUMOTION 155° hinge	86			
Overview – BLUMOTION for doors	171			
Accessories	300			
Overview – assembly devices	561			

Short-URL
www.blum.com/a350



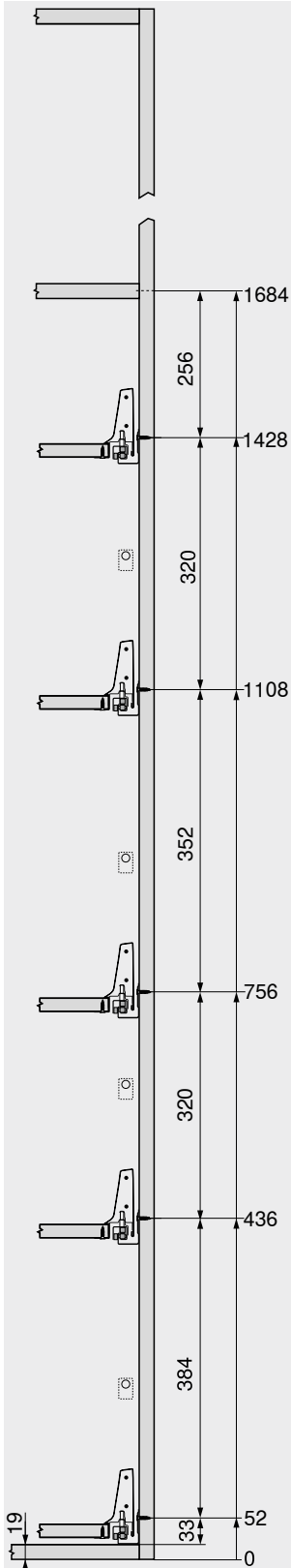
SPACE TOWER

Webcode
DQGRMM

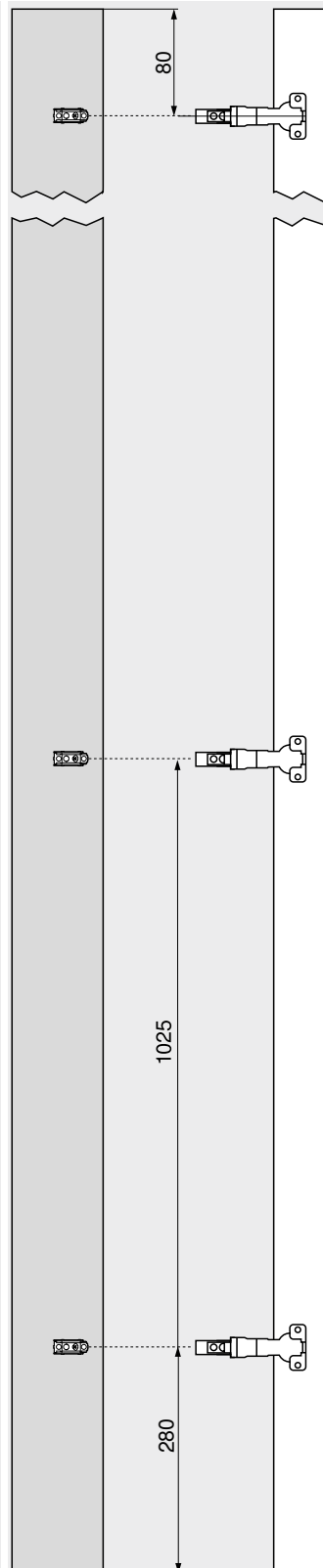
Planning

Recommendation

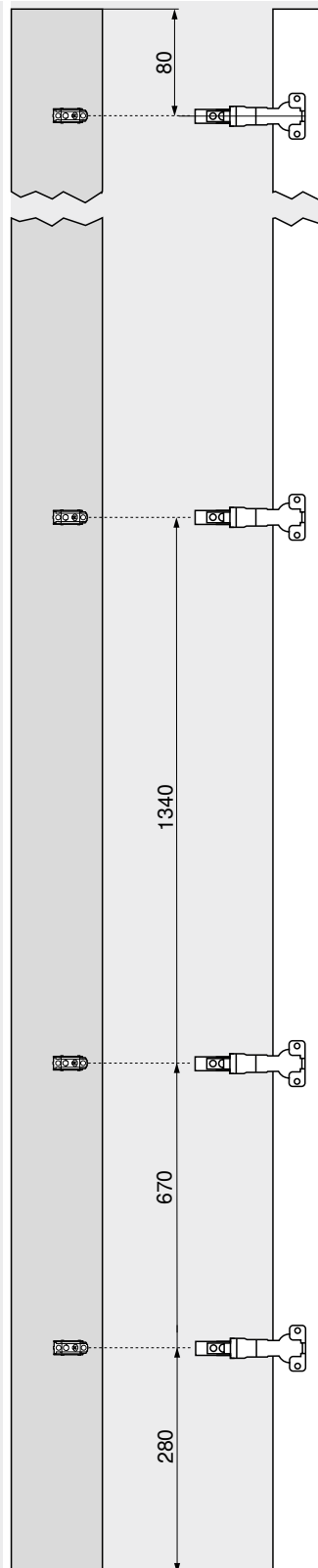
Positioning in the cabinet



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

670

Box systems



- ▶ TANDEMBOX antaro
- ▶▶ Narrow cabinets

SPACE TWIN

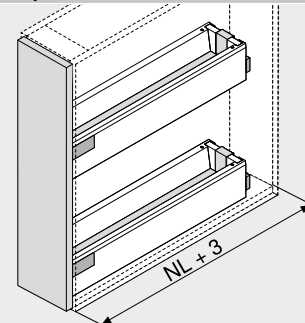
Webcode

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	268
Drawer – K	272
High fronted pull-out – gallery – C	276
High fronted pull-out – gallery – D	280
High fronted pull-out – gallery – D – K drawer side	284
Cabinet width KB (mm)	
200	

Page instructions

Overview – TANDEMBOX antaro	263	Assembly, removal and adjustment
Overview – TIP-ON BLUMOTION for TANDEMBOX	313	
Accessories	300	Short-URL www.blum.com/a350
Overview – assembly devices	561	
More technical details	662	

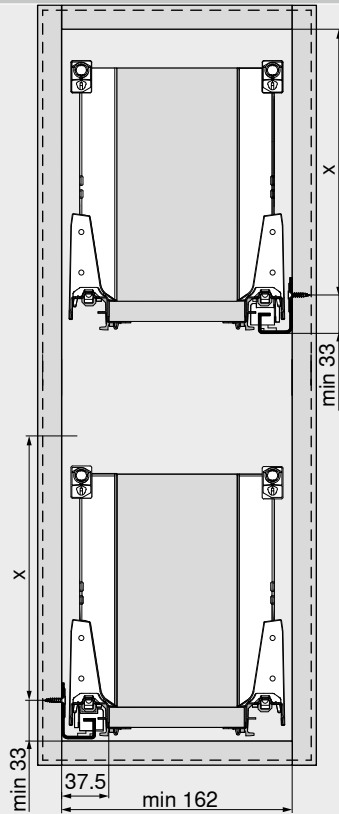


SPACE TWIN

Webcode
DQGV5A

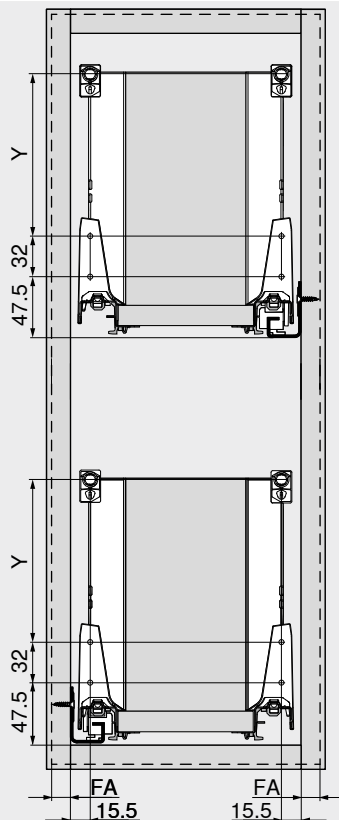
Planning

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



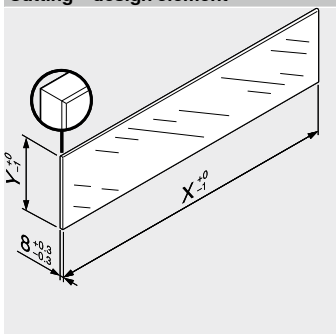
- Create closed drawer boxes and give your kitchen character
- Colour: clear | frosted
- Material: glass without imprint

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

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Overview – assembly devices	561
More technical details	662

Assembly, removal and adjustment

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Aluminium design element



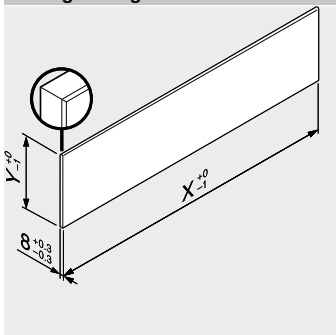
- Create closed drawer boxes and give your kitchen character
- For cutting to size
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)
- Material: aluminium

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		

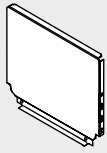
Page instructions

Overview – TANDEMBOX antaro	263	Assembly, removal and adjustment
Overview – assembly devices	561	
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Steel back



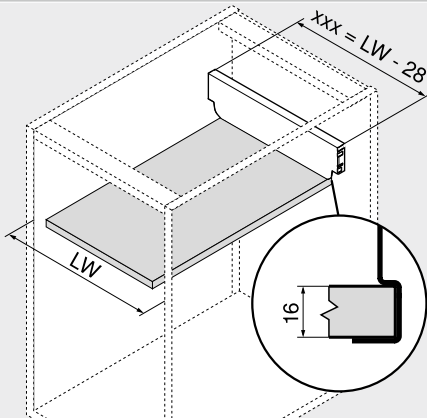
- For TANDEMBOX
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)
- Material: steel

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

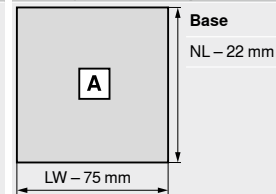


$xxx = LW - 28$

Example
Back wall height M
LW = 567 mm
539 mm = 567 – 28 mm
Order
Z30M539S.6

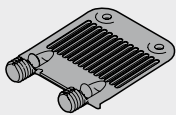
xxx Back width
LW Internal cabinet width

Cutting – 16 mm chipboard



NL Nominal length
LW Internal cabinet width

Front/base stabiliser



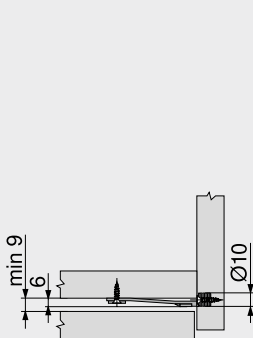
- For stabilising high fronts
- For supporting wide drawer bases
- Required:
Front height FH < 300 mm:
Cabinet width KB > 900 mm: 1 piece
Front height FH ≥ 400 mm:
Cabinet width KB < 450 mm: 1 piece
Cabinet width KB ≥ 450 mm: 2 piece
Cabinet width KB > 900 mm: 3 piece

Order information

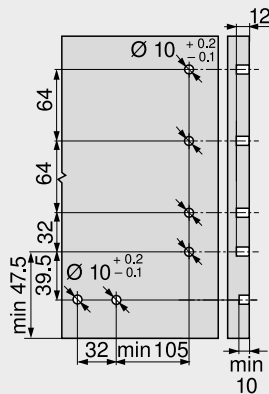
Fixing method	Colour	Part no.
EXPANDO	RAL 7037 dust grey	Z96.10E1

Planning

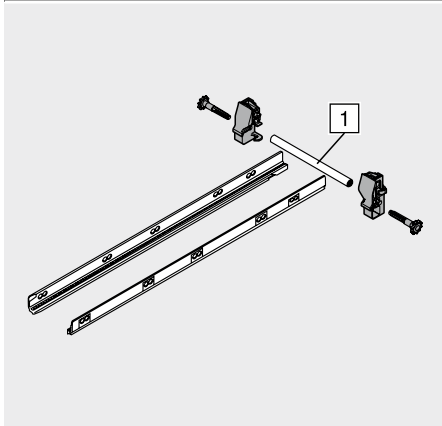
Space requirement in cabinet



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

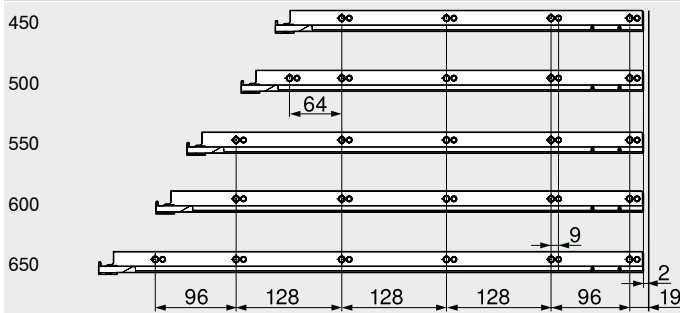
- 1 Internal cabinet width LW – 86 mm

Planning

Space requirement in cabinet	Space requirement in cabinet	Space requirement in cabinet	Space requirement in cabinet
<p>Height M</p>	<p>Height K</p>	<p>Height C</p>	<p>Height D</p>

Hole spacing – side stabilisation

Nominal length NL (mm)



Internal cabinet depth LT min. = nominal length NL + 3 mm

Page instructions

- Overview – TANDEMBOX antaro
- Overview – assembly devices
- More technical details

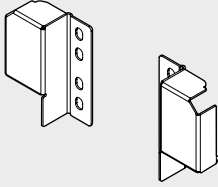
263
561
662

Assembly, removal and adjustment

Short-URL
www.blum.com/a350



Flexible gallery fixing



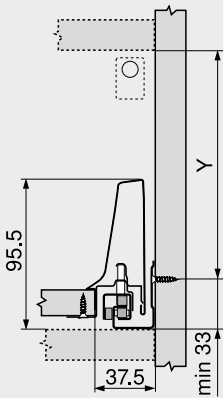
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)
- Material: steel

Order information

Description	Part no.
Flexible gallery fixing	ZRR.5200

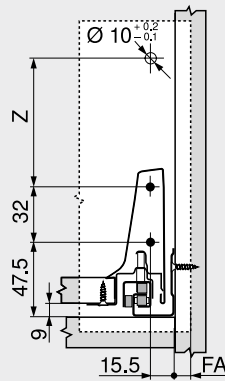
Planning

Space requirement in cabinet



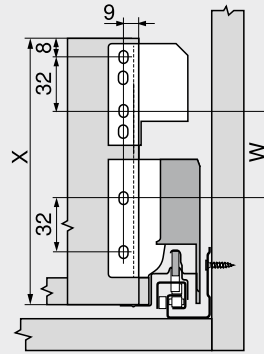
Free placement
Y = X - 4 mm
X Back height

Installation dimensions – front – screw-on



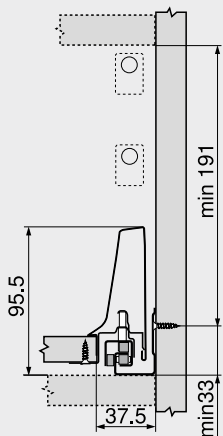
Free placement
Z = X - 71 mm
X Back height
FA Front overlay

Installation dimensions – back



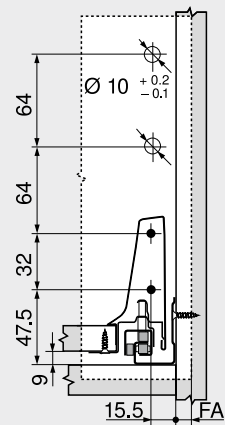
Free placement
W = X - 103 mm
X Back height

Space requirement in cabinet



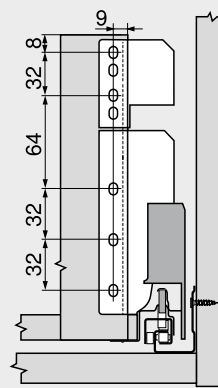
Height D – double gallery (back fixing bracket height B)

Installation dimensions – front – screw-on



Height D – double gallery (back fixing bracket height B)
FA Front overlay

Installation dimensions – back

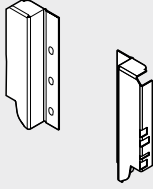


Height D – double gallery (back fixing bracket height B)

Page instructions

Overview – TANDEMBOX antaro	263	More technical details	662
Accessories – steel back	302		
Overview – assembly devices	561		

Back fixing B height



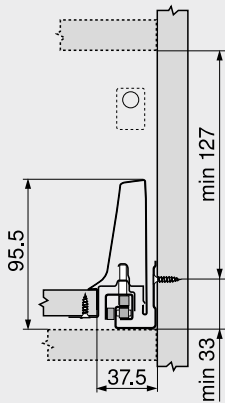
- For TANDEMBOX
- Colour: silk white | terra black | RAL 9006 grey (white aluminium)
- Material: steel

Order information

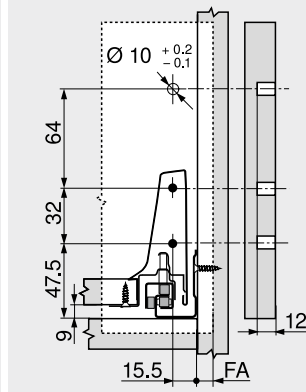
Description	Part no.
Back fixing B height	Z30B000S.04
Cutting	
Back height	135 mm

Planning

Space requirement in cabinet

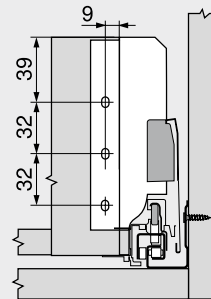


Installation dimensions – front – screw-on



FA Front overlay

Installation dimensions – back



Page instructions

Overview – TANDEMBOX antaro	263
Overview – assembly devices	561
More technical details	662

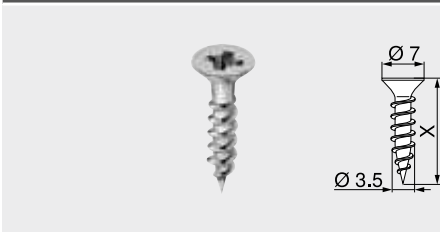
Box systems

blum

- ▶ TANDEMBOX antaro
- ▶▶ Accessories

Chipboard screws

Ø 3.5 mm



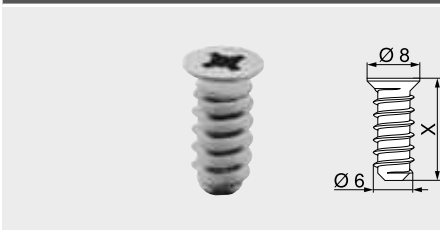
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

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
- Colour: nickel plated
- Material: steel

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

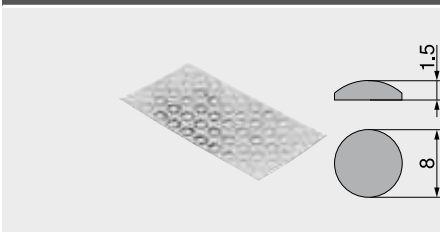


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer

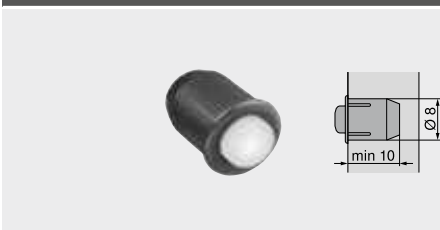


- For noise reduction
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Stick-on door buffer	993.710

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

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
- Colour: black/orange
- Material: nylon/steel

Order information

Description	Part no.
Pozidrive screwdriver	303.756.1

Slotted screwdriver

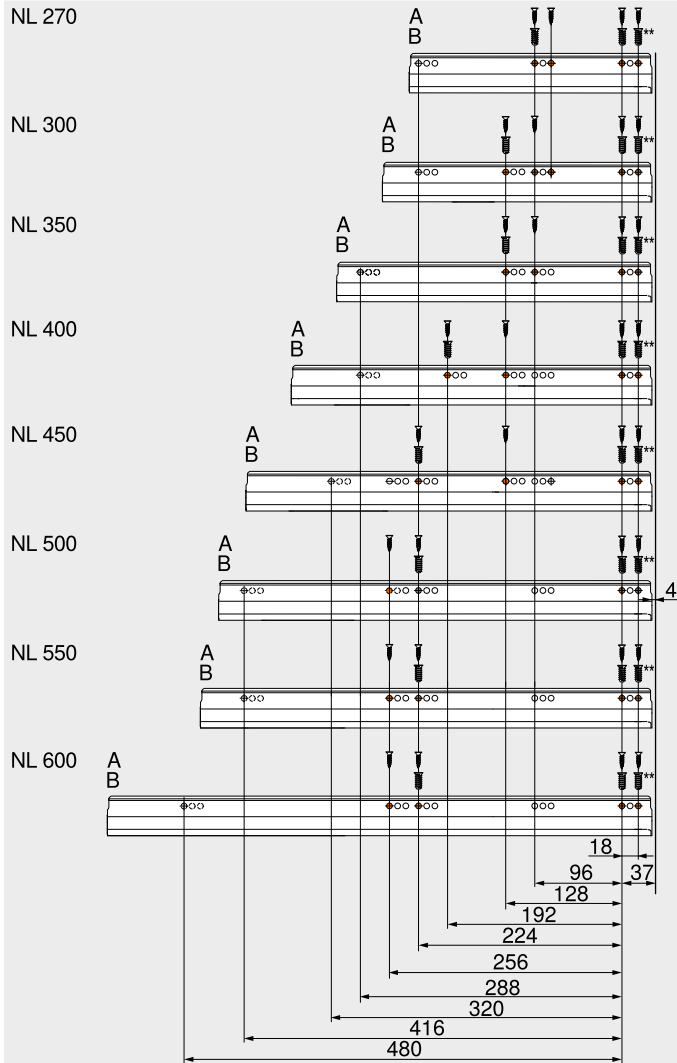


- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Colour: black/orange
- Material: nylon/steel

Order information

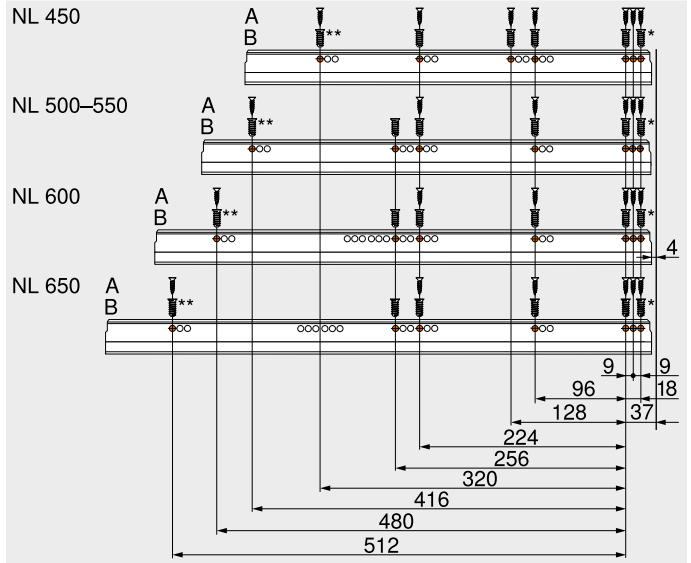
Description	Part no.
Slotted screwdriver	314.928.1

Cabinet profile 578 – 30 kg



- NL Nominal length
- A Chipboard screws Ø 4 x 15 mm
- B System screws, part no. 661.1450.HG
- ** Optional for greater 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 System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw Ø 4 x 15 mm
- ** Optional for greater stability
Can be replaced with chipboard screw Ø 4 x 15 mm





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 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 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



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

Applications	kg	Space re-quirement	Web-code	Page	Applications	kg	Space re-quirement	Web-code	Page
▶▶ Standard cabinet									
Drawer					Inner drawer				
	Drawer – N	30							
								DQCCLA	
	Drawer – M	30 65				Inner drawer – M	30 65		
								DQCDAM	DQCFEM
	Drawer – K	30 65				Inner drawer – K	30 65		
								DQCDZY	DQCG3Y
High fronted pull-out					Inner pull-out				
	High fronted pull-out – gallery – B	30 65				Inner pull-out – gallery – B	30 65		
								DQCGTA	DQCIXA
	High fronted pull-out – gallery – D	30 65				Inner pull-out – gallery – D	30 65		
								DQCHIM	DQCJMM
	BOXSIDE possible					BOXSIDE possible			
▶▶ Corner cabinet									
	SPACE CORNER	65							
	Help with planning and ordering								
	Short-URL								
	www.blum.com/planningtools								
▶▶ Sink cabinet									
High fronted pull-out									
	High fronted pull-out – gallery – D	30 65							
								DQC17Y	
	BOXSIDE possible								
▶▶ Larder unit									
	SPACE TOWER	30 65							
	Cabinet width 275–1200 mm							DQGSBY	
▶▶ Narrow cabinets									
	SPACE TWIN	20							
	Cabinet width 200 mm							DQGVUM	

kg Dynamic carrying capacity

Check product availability

Short-URL

www.blum.com/configurator

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.

TIP-ON
BLUMOTION
by Blum

Box systems

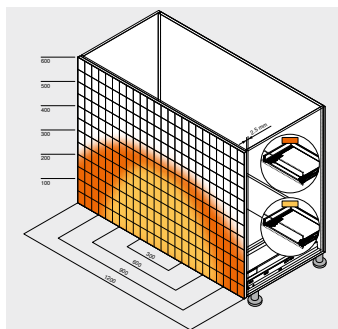


Opens with just a light touch, has a smooth running action and closes silently and effortlessly – experience completely harmonious and convenient motion with TIP-ON BLUMOTION technology

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. We recommend the general application of synchronisation



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

Box systems

Overview – box systems	203
▶ TANDEMBOX intivo	260
▶ TANDEMBOX antaro	262
▶ TANDEMBOX plus	310
▶ SERVO-DRIVE for LEGRABOX TANDEMBOX	320

Symbolic image

Applications	kg					Webcode	Page
▶▶ Applications							
 Symbolic image	TIP-ON BLUMOTION	30					
		65					
							314

kg Dynamic carrying capacity

▶▶ Accessories

 Symbolic image	Design element	300	Screws	306
	Steel back	302	Centre bit	306
	Front/base stabiliser	302	Door buffer	306
	Side stabilisation – top mounted	303	Screwdriver	307
	Flexible gallery fixing	304		
	Back fixing B height	305		

▶▶ Cabinet profile fixing positions

A	Cabinet profile 578 – 30 kg	318
B	Cabinet profile 576 – 65 kg	318



Symbolic image

▶▶ Assembly, removal and adjustment

 Symbolic image	Assembly, removal and adjustment	
	Short-URL www.blum.com/a370	

Pictograph



Item Available Upon Request



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

TIP-ON BLUMOTION by Blum

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)	Part no.
	270–300	S0	30	≤ 10	T60B3030
	270–300	S1	30	> 10–20	T60B3130
	350–600	L1	30	≤ 20	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
³ Recommendation: only use in combination with 65 kg cabinet profile

Internal cabinet width LW ≥ 287 mm

6f	TIP-ON BLUMOTION synchronisation linkage		
	Version	Colour	Part no.
	Round	Grey	T60.1125W

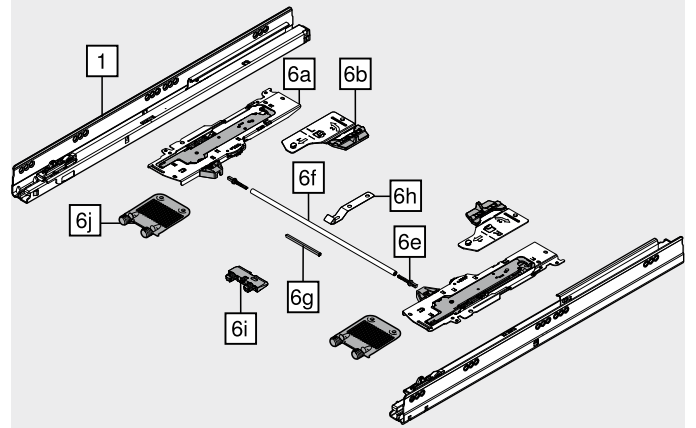
In combination with 6e 2 x T60.000D
 Suitable up to internal cabinet width LW 1370 mm
Note
 To optimise the function and trigger range, we generally recommend using synchronisation

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



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)	Colour	Part no.
	≥ 750	RAL 7037 dust grey	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	RAL 7037 dust grey	2 x Z96.10E1

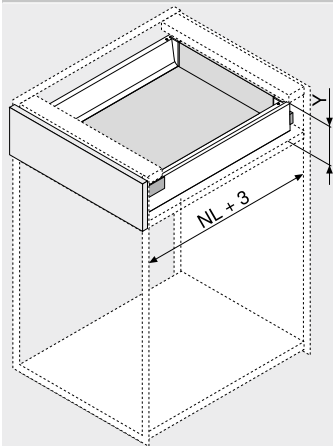
-	TIP-ON BLUMOTION checking/setting template		
	Front gap FS (mm)	Colour	Part no.
	2.5	Orange	65.5627

TIP-ON BLUMOTION

Planning

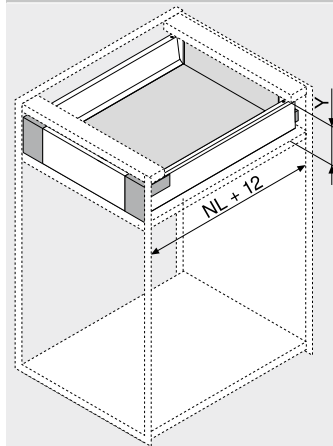
Space requirement in cabinet

Drawer | high fronted pull-out



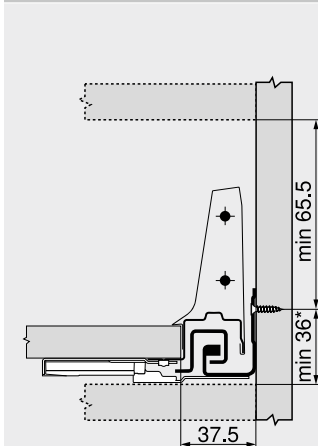
Back height	Y (mm)
N	85.5
M	101.5
K	133.5
B	161
C	195
D	227
NL	Nominal length

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

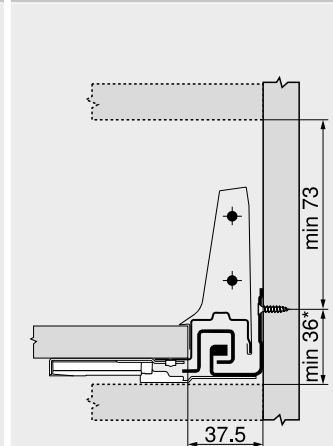


Height M

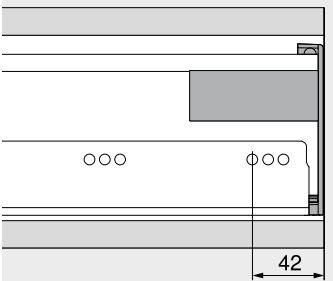
* At 36–39 mm and with a cabinet width KB of ≥ 750 mm, a TIP-ON BLUMOTION synchronisation fixing and a base support bracket are required so as to avoid the synchronisation linkage colliding with the cabinet bottom or the cross member

In these cases a trial is recommended

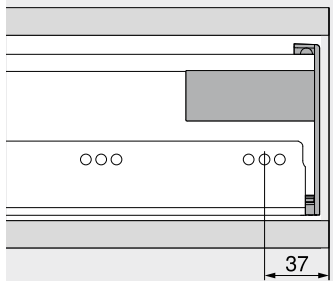
Inner drawer | inner pull-out



Screw position – inner drawer | inner pull-out

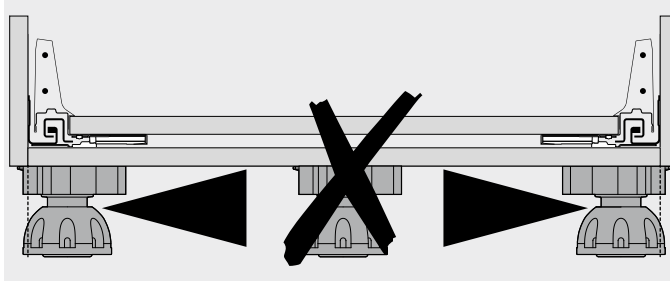


Variant 1

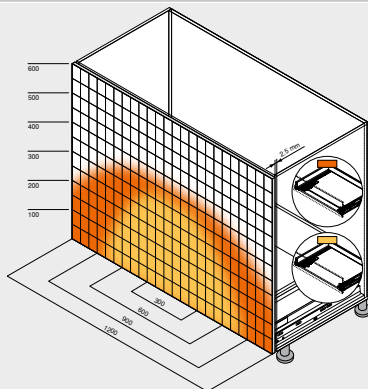


Variant 2

Plinth leg



Trigger range



Trigger range

- With synchronisation
- Without synchronisation

Minimum front gap (mm)

2.5

With front/base stabiliser

To optimise the function and trigger range, we generally recommend using synchronisation

Example for 578 – 30 kg | 576 – 65 kg, D height, nominal length NL 500 mm

Page instructions

Overview – TIP-ON BLUMOTION for TANDEMBOX

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Cabinet profile fixing positions

Overview – TANDEMBOX intivo

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Overview – assembly devices

Overview – TANDEMBOX antaro

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Overview – TANDEMBOX plus

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CABLOXX

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Accessories

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Assembly, removal and adjustment

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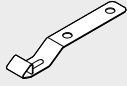
Short-URL

www.blum.com/a370





TIP-ON BLUMOTION synchronisation linkage fixing



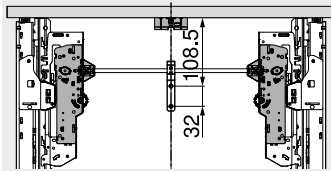
- Prevents the TIP-ON BLUMOTION synchronisation linkage from sagging
- For pull-outs over a cabinet bottom or cross member
- Required for cabinet widths KB of ≥ 750 mm
- Material: steel

Order information

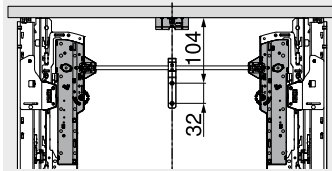
Description	Part no.
TIP-ON BLUMOTION synchronisation linkage fixing	T60B000H

Planning

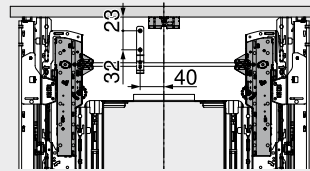
Drilling distances – drawer base



Nominal length NL (mm)	TIP-ON BLUMOTION unit
270–300	S0 S1

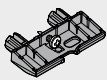


Nominal length NL (mm)	TIP-ON BLUMOTION unit
350–650	L1 L3 L5



Sink cabinet	
Nominal length NL (mm)	TIP-ON BLUMOTION unit
350–650	L1 L3 L5

Base support bracket



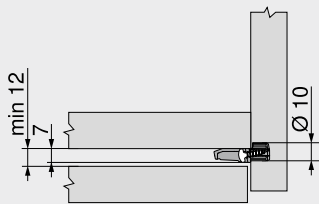
- For supporting the pull-out base
- For pull-outs over a cabinet bottom or cross member
- Required for cabinet widths KB of ≥ 750 mm
- Material: nylon

Order information

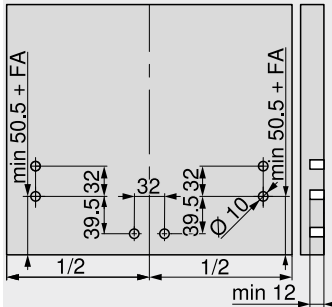
Description	Part no.
Base support bracket	Z96.2011

Planning

Space requirement in cabinet

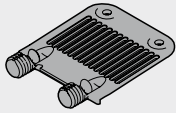


Drilling distances – front



FA Front overlay

Front/base stabiliser



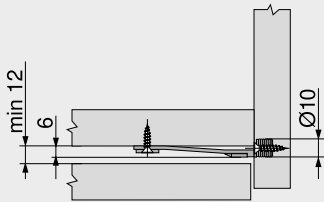
- For stabilising high fronts
- For supporting wide drawer bases
- Required:
 - Front height FH < 300 mm:**
Cabinet width KB > 900 mm: 1 piece
 - Front height FH ≥ 400 mm:**
Cabinet width KB < 450 mm: 1 piece
Cabinet width KB ≥ 450 mm: 2 piece
Cabinet width KB > 900 mm: 3 piece

Order information

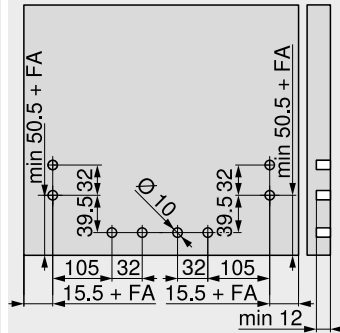
Fixing method	Colour	Part no.
EXPANDO	RAL 7037 dust grey	Z96.10E1

Planning

Space requirement in cabinet

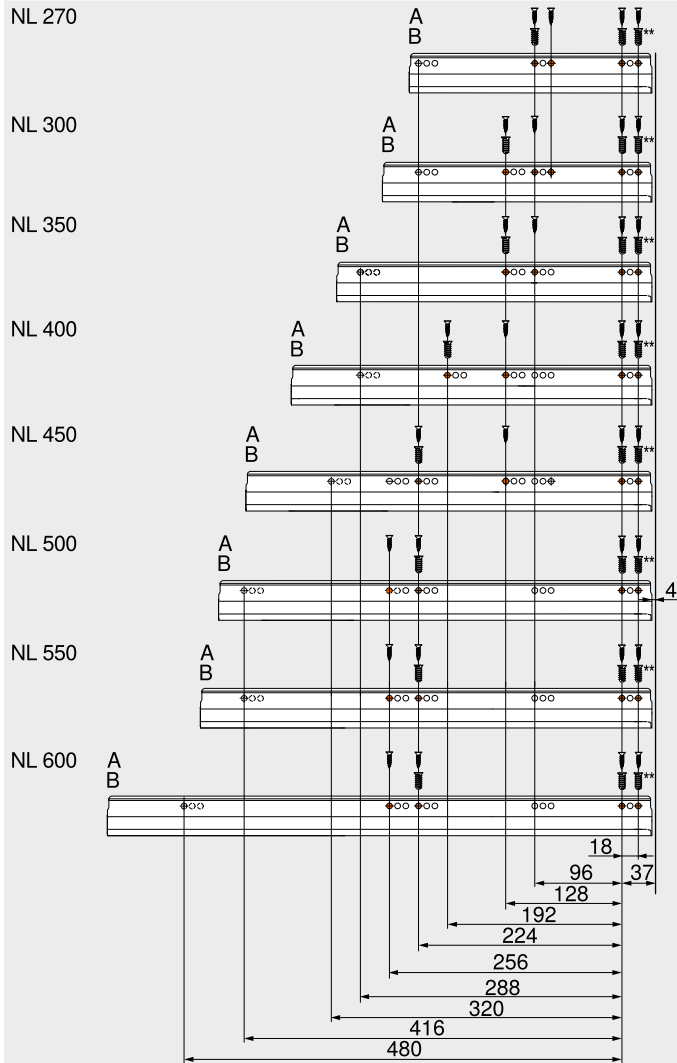


Drilling distances – front



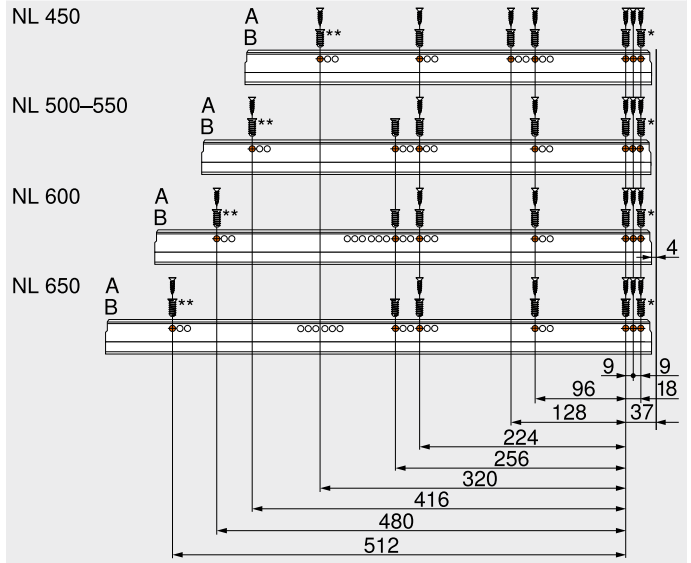
FA Front overlay

Cabinet profile 578 – 30 kg



- NL Nominal length
- A Chipboard screws \varnothing 4 x 15 mm
- B System screws, part no. 661.1450.HG
- ** Optional for greater stability
Can be replaced with chipboard screw \varnothing 4 x 15 mm

Cabinet profile 576 – 65 kg

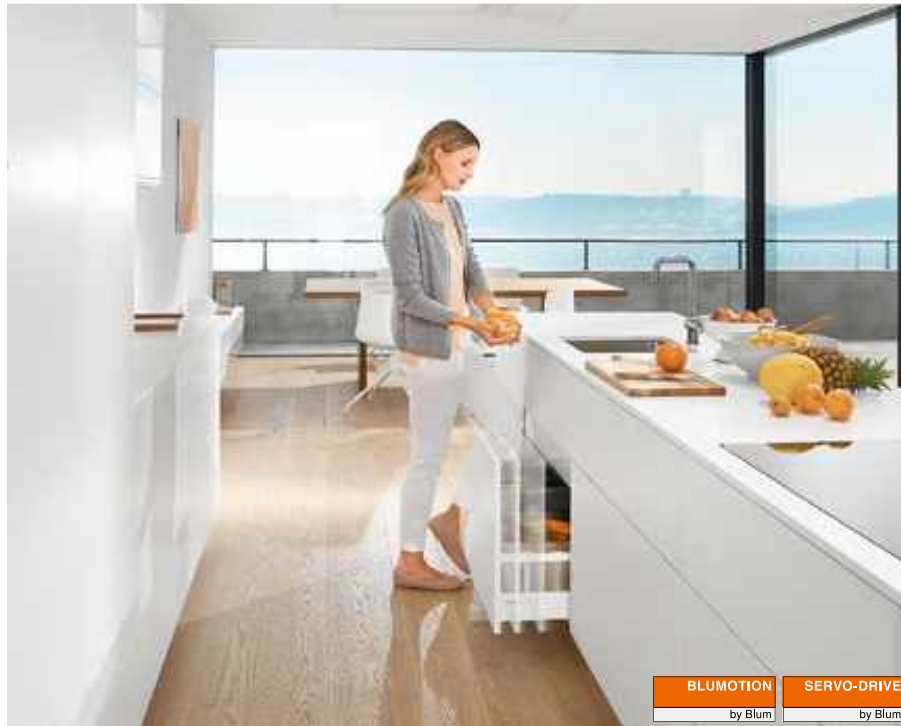


- NL Nominal length
- A Chipboard screws \varnothing 4 x 15 mm
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 4 x 15 mm
- ** Optional for greater stability
Can be replaced with chipboard screw \varnothing 4 x 15 mm





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.

Box systems

Opening and closing is that easy



With hand, foot, knee or hip: opening is that easy

Easily-integrated, high performance technology



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	203	
	▶ LEGRABOX	204	
	▶ TANDEMBOX intivo	260	
	▶ TANDEMBOX antaro	262	
	▶ TANDEMBOX plus	310	
▶▶ Applications			
 Symbolic image	Standard cabinet	322	SERVO-DRIVE uno for bottom mount waste bin solutions – LEGRABOX TANDEMBOX 346
	SPACE TOWER	328	
	Sink cabinet	334	SERVO-DRIVE uno for top mount waste bin solutions – TANDEMBOX 348
	Cabinet with pull-out element – bracket profile horizontal	338	
	Cabinet with pull-out element – upper attachment bracket	342	
▶▶ Accessories			
 Symbolic image	Cable holder	350	
	Front/base stabiliser	350	
	Synchronisation cable	351	
	COMBOX set	351	
▶▶ Assembly, removal and adjustment			
 Symbolic image	Assembly, removal and adjustment		Machine directive Detailed information on the Machine Directive 665
	Short-URL		Short-URL
	www.blum.com/a380		www.blum.com/sd/guideline

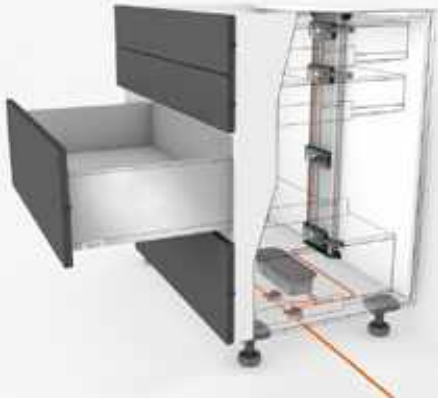
Pictograph



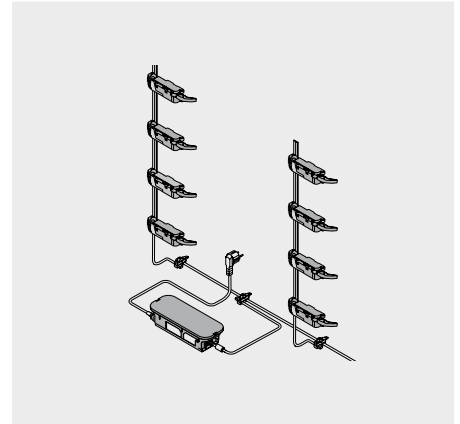
Item Available Upon Request



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 cabinet profile, use 4 pcs. For TANDEMBOX 65 kg cabinet profile, 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

Cutting Internal cabinet height LH – 10 mm

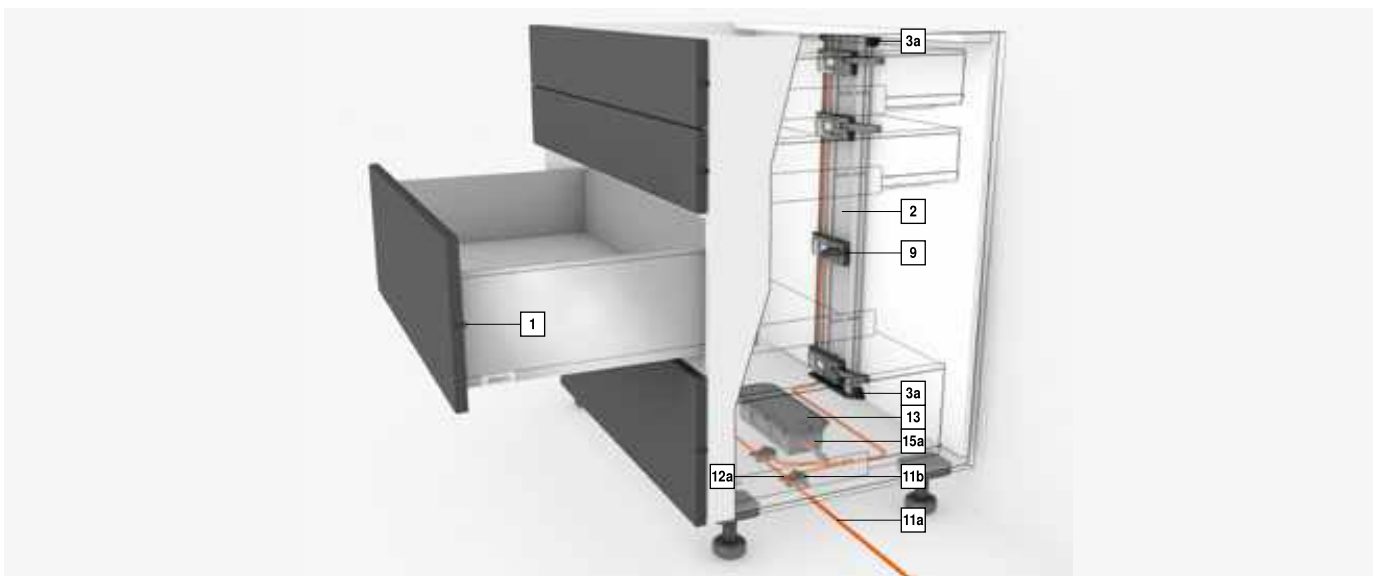
3a	Bracket profile attachment top/bottom			
	Cross bar construction horizontal			
	Colour	Material	Part no.	
	R7037	Nylon	Z10D01E0.01	

Alternative to 3a				
3b	Bracket profile attachment lower/back			
	Cross bar construction vertical			
	Colour	Material	Part no.	
	R7037	Nylon	Z10D01EA.01	
Incl. bracket profile cover cap				

9	Drive unit			
	Colour	Material	Part no.	
	R7037	Nylon	Z10A3000.03	
Includes pre-assembled lever extension				

10	Lever cap			
	Box systems	Colour	Part no.	
	LEGRABOX	S	Z10A3006	
Steel back Required for height M and internal cabinet widths LW of 267–286 mm				

10	Trigger guidance			
	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		
	Colour	Length (m)	Part no.
	S	8	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		
	Colour	Material	Part no.
	S	Nylon	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	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		

Incl. instruction leaflet and installation instructions
 Without flex

Language package

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

Language descriptions as per ISO-639

14	Flex				
	Market	Part no.	Market	Part no.	
	AR	Z10M200A	JP	Z10M200J	
	UK	Z10M200B	AU	Z10M200K	
	CH	Z10M200C	CL	Z10M200L	
	DK	Z10M200D	CN	Z10M200N	
	Europe	Z10M200E	BR	Z10M200S.01	
	Europe ¹	Z10M200E.OS	TW	Z10M200T	
	IN	Z10M200H	US CA	Z10M200U	
	IL	Z10M200I	ZA	Z10M200Z	
	¹ Without plug				

15a	Transformer unit housing		
Base fixing			
	Colour	Material	Part no.
	R7037	Nylon	Z10NG000

Incl. cover
 For Blum transformer 24 W

Alternative to 15a			
15b	Transformer unit housing		
Panel fixing			
	Colour	Material	Part no.
	WGR	Nylon	Z10NG120

For Blum transformer 24 W

Accessories

Cable holder			
	Colour	Material	Part no.
	W	Nylon	Z10K0009

For example, for securing the distribution cable

Front/base stabiliser			
	Colour	Material	Part no.
	R7037	Nylon	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			
	Colour	Material	Part no.
	S	Nylon	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	321	Planning – vertical cross member	326	Assembly, removal and adjustment Short-URL www.blum.com/a380
Overview – LEGRABOX	205	Accessories	350	
Overview – TANDEMBOX intivo	261	Overview – assembly devices	561	
Overview – TANDEMBOX antaro	263	Machine directive	665	
Overview – TANDEMBOX plus	311	More technical details	662	
Planning – horizontal cross member	324			

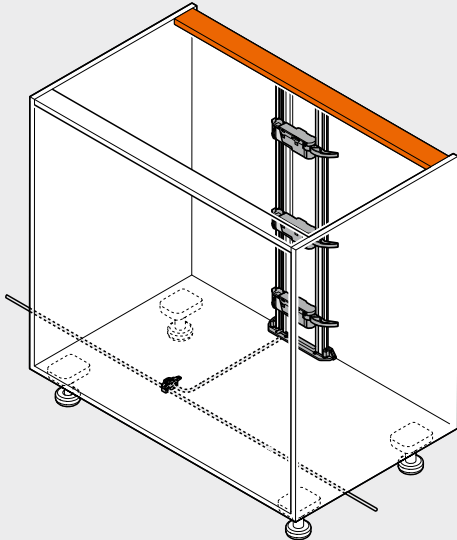


Standard cabinet

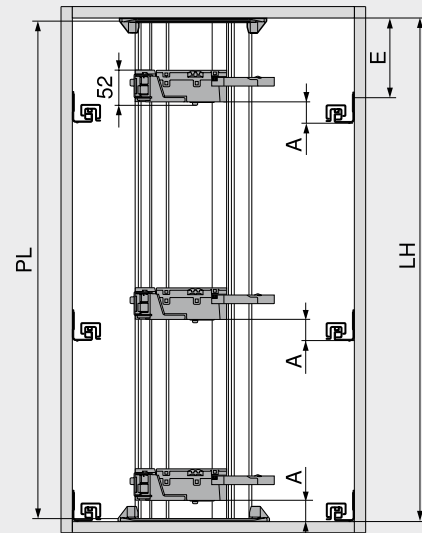
Planning

Cross bar construction horizontal

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

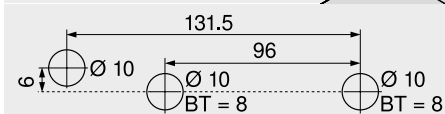
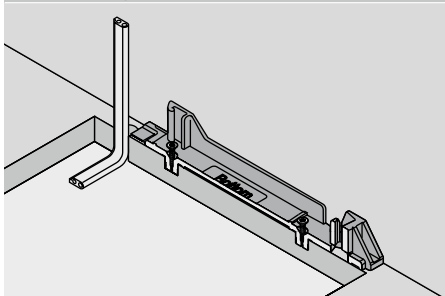
Position – drive unit

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

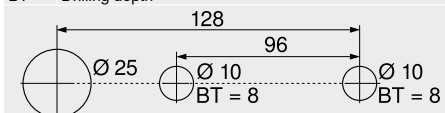
A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit – Not possible
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile

Cabinet bottom – drilling pattern

Lower cabling

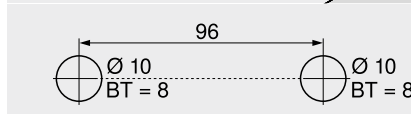
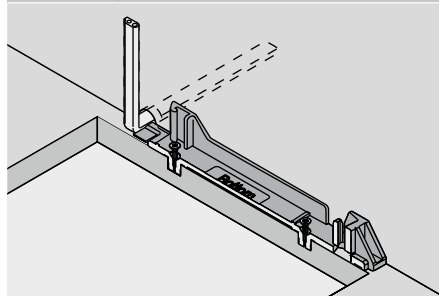


BT Drilling depth



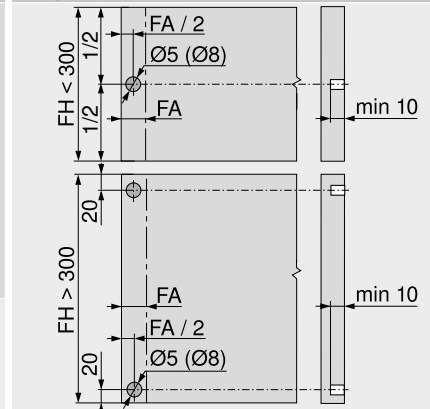
Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

Back cabling



BT Drilling depth

Front assembly – position of Blum distance bumper



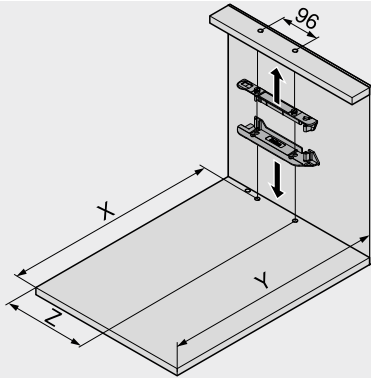
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
 For optimal trigger function for TANDEMBOX, use front stabilisation
 FA Front overlay
 FH Front height

Standard cabinet

Planning

Cross bar construction horizontal

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

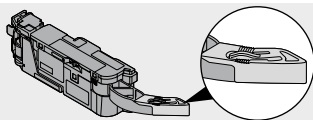
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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	●	–

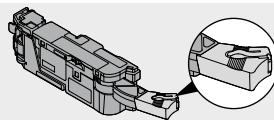
Box systems	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
		M K C F	184	●	–	LW / 2	●	–
TANDEMBOX	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
 Z Dimension of engagement
 ● Required

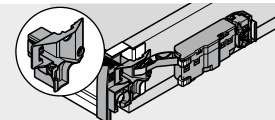
○ Not required
 – Not possible
 ✘ Remove



Lever extension

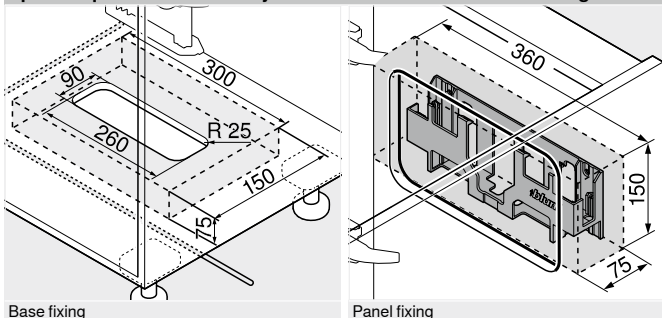


Lever cap



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

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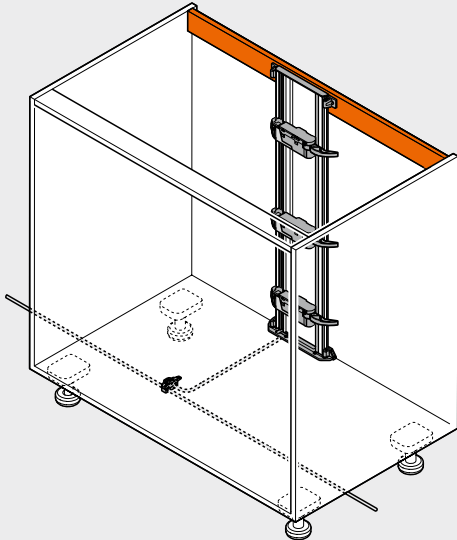


Standard cabinet

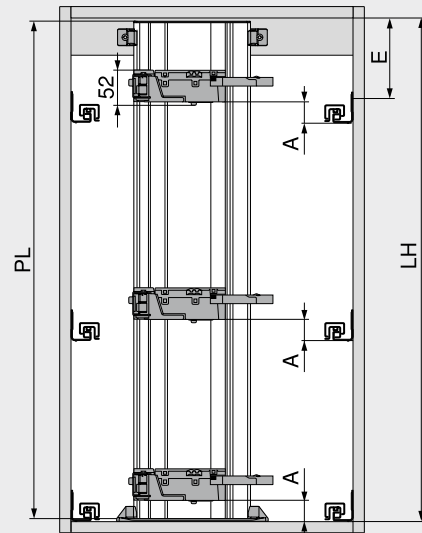
Planning

Cross bar construction vertical

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

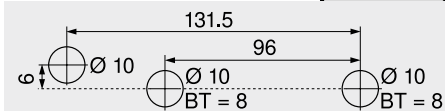
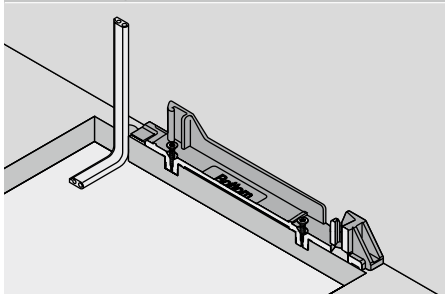
Position – drive unit

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

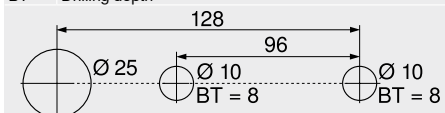
A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit – Not possible
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile

Cabinet bottom – drilling pattern

Lower cabling

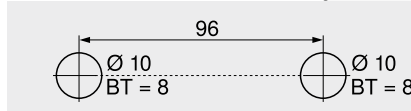
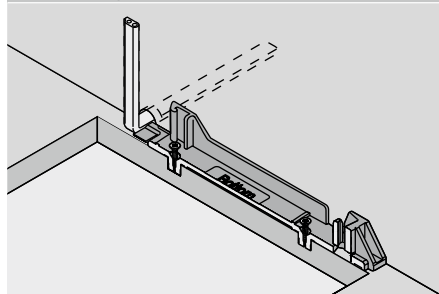


BT Drilling depth



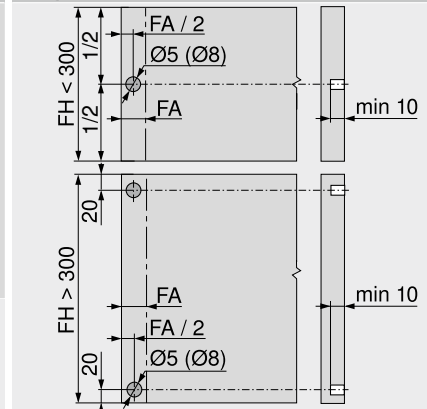
Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

Back cabling



BT Drilling depth

Front assembly – position of Blum distance bumper



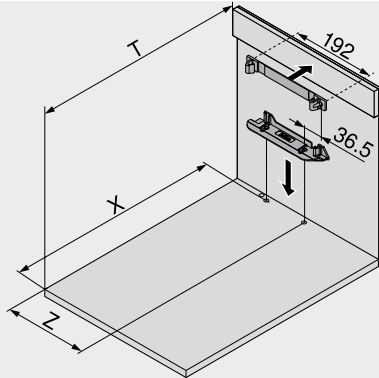
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
 For optimal trigger function for TANDEMBOX, use front stabilisation
 FA Front overlay
 FH Front height

Standard cabinet

Planning

Cross bar construction vertical

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

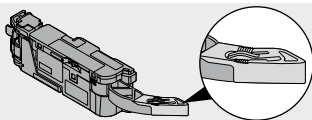
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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	–	–	–	–	–	–	–	–	–	–
TANDEMBOX	Chipboard back	N	179	✘	●	179	●	●	–	179	●	●
		M K B C D	179	✘	●	179	●	●	–	179	●	●
	Steel back	N	–	–	–	–	–	–	–	190	✘	–
						179	✘	–	–	179	●	–

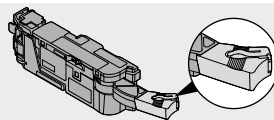
Box systems	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M K B C D	179	●	○	LW / 2	●	○
	Steel back	N	190	●	–	LW / 2	●	–
			179	●	–	LW / 2	●	–

LW Internal cabinet width
 Z Dimension of engagement
 ● Required

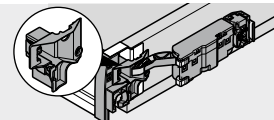
○ Not required
 – Not possible
 ✘ Remove



Lever extension

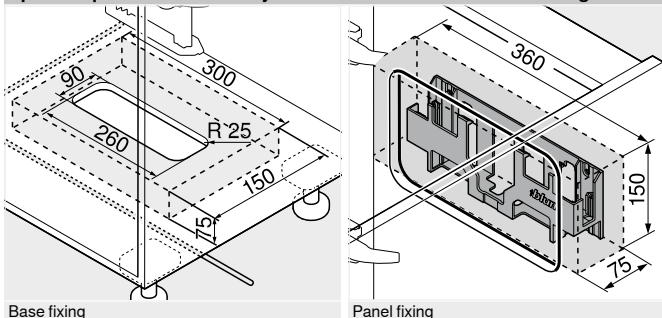


Lever cap



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
 Overview – LEGRABOX
 Overview – TANDEMBOX intivo
 Overview – TANDEMBOX antaro
 Overview – TANDEMBOX plus

321 Order information
 Planning – horizontal cross member
 205 Accessories
 261 Overview – assembly devices
 263 Machine directive
 311 More technical details

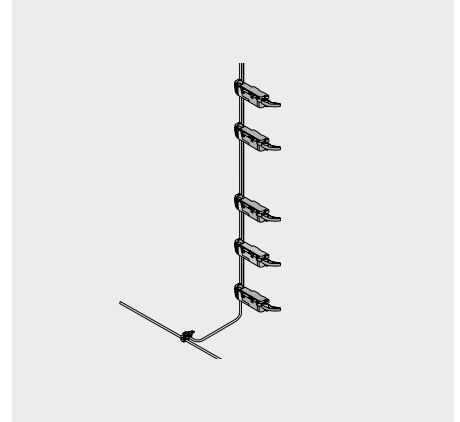
322 Assembly, removal and adjustment
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SPACE TOWER



- 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

Cutting Internal cabinet height LH – 10 mm

3a Bracket profile attachment top/bottom			
Cross bar construction horizontal			
	Colour	Material	Part no.
	R7037	Nylon	Z10D01E0.01

Alternative to 3a

3b Bracket profile attachment lower/back			
Cross bar construction vertical			
	Colour	Material	Part no.
	R7037	Nylon	Z10D01EA.01

Incl. bracket profile cover cap

9 Drive unit			
	Colour	Material	Part no.
	R7037	Nylon	Z10A3000.03

Includes pre-assembled lever extension

10 Lever cap			
Box systems	Colour		Part no.
LEGRABOX	S		Z10A3006

Steel back
Required for height M and internal cabinet widths LW of 267–286 mm

10 Trigger guidance			
Box systems	Colour		Part no.
TANDEMBOX	R7037		Z10A3H00

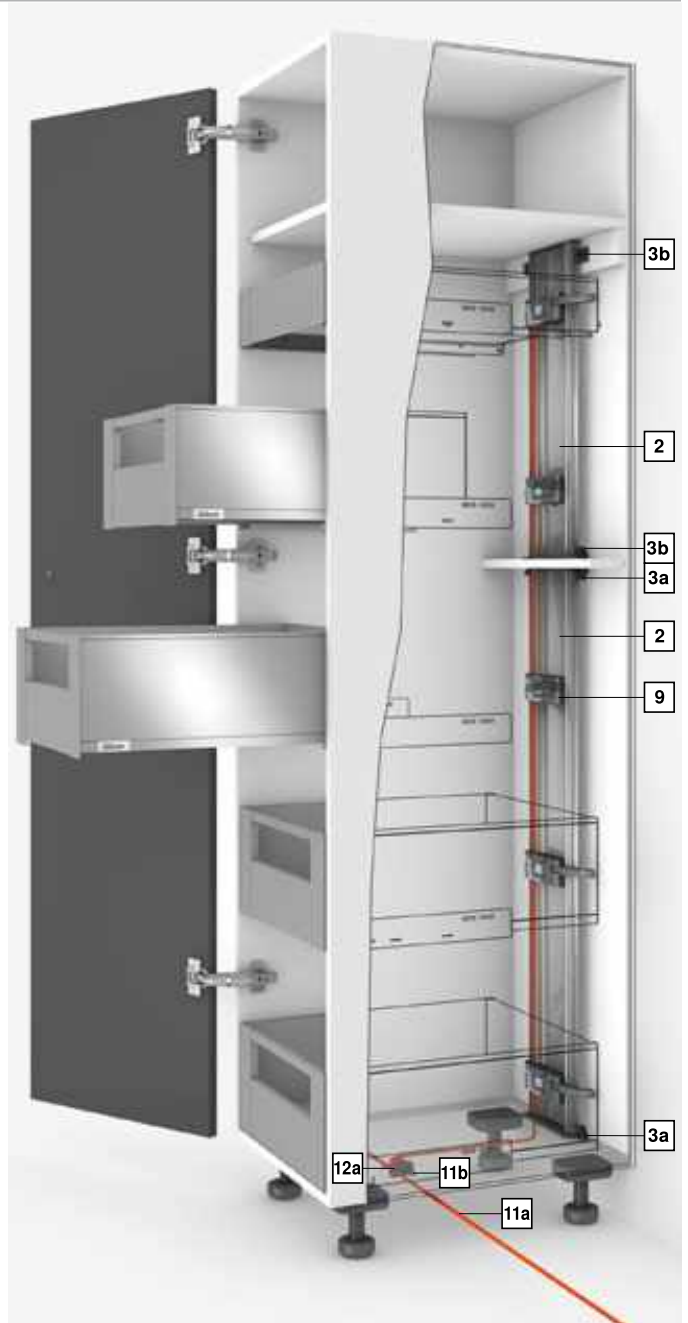
Chipboard back
Required for internal cabinet widths LW of 242–316 mm

11 Distribution cable and cable end protector			
	Colour	Length (m)	Part no.
	S	8	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			
Colour	Material	Part no.	
S	Nylon	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	F	Z10NE030F
B	Z10NE030B	G	Z10NE030G
C	Z10NE030C	H	Z10NE030H
D	Z10NE030D	J	Z10NE030J
E	Z10NE030E		

Incl. instruction leaflet and installation instructions
 Without flex

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

Language descriptions as per ISO-639

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

¹ Without plug

15a Transformer unit housing			
Base fixing			
Colour	Material	Part no.	
R7037	Nylon	Z10NG000	

Incl. cover
 For Blum transformer 24 W

Alternative to 15a			
15b Transformer unit housing			
Panel fixing			
Colour	Material	Part no.	
WGR	Nylon	Z10NG120	

For Blum transformer 24 W

Accessories

Cable holder			
Colour	Material	Part no.	
W	Nylon	Z10K0009	

For example, for securing the distribution cable

Colour		Colour	
R7037	RAL 7037 dust grey	WGR	White grey
S	Black	W	White

Page instructions

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Overview – TANDEMBOX plus	311	More technical details	662	
Planning – bracket profile top	330			

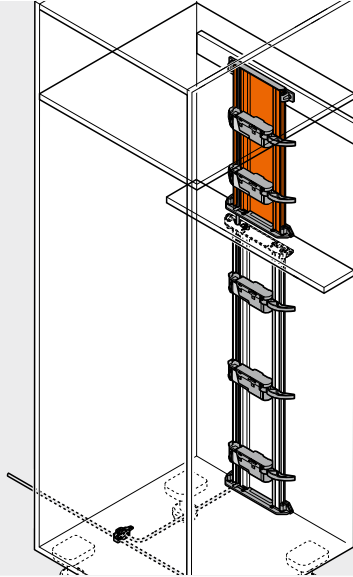


SPACE TOWER

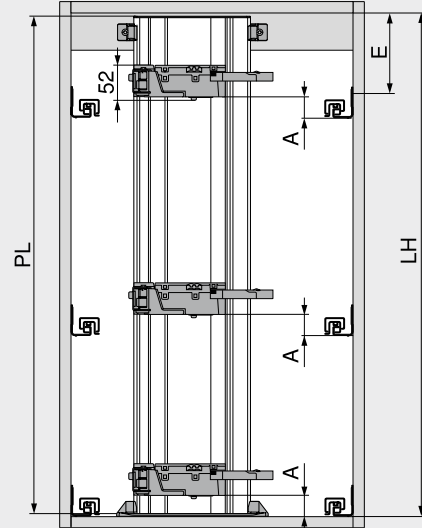
Planning

Top bracket profile

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

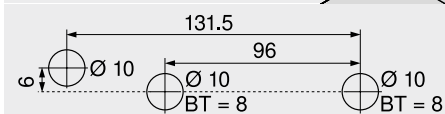
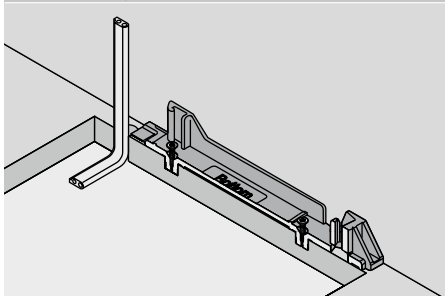
Position – drive unit

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

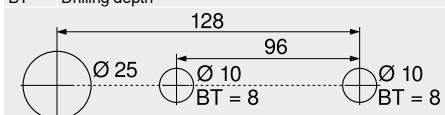
A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit – Not possible
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile

Cabinet bottom – drilling pattern

Lower cabling

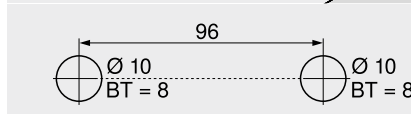
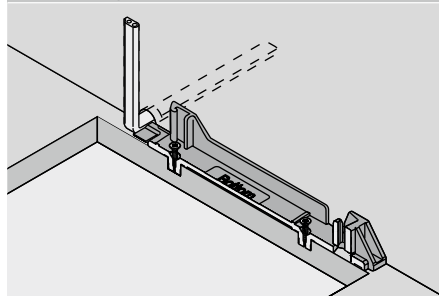


BT Drilling depth



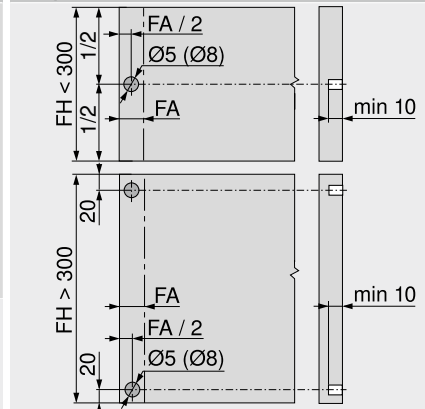
Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

Back cabling



BT Drilling depth

Front assembly – position of Blum distance bumper



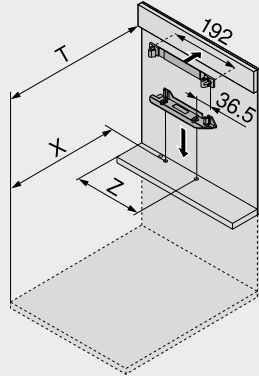
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
 For optimal trigger function for TANDEMBOX, use front stabilisation
 FA Front overlay
 FH Front height

SPACE TOWER

Planning

Top bracket profile

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

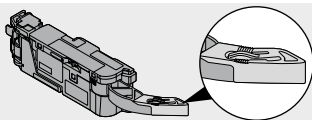
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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	–	–	–	–	–	–	–	–	–	–
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	●	–

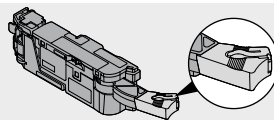
Box systems	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
TANDEMBOX	Chipboard back	N	179	●	○	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
 Z Dimension of engagement
 ● Required

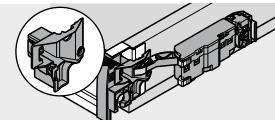
○ Not required
 – Not possible
 ✘ Remove



Lever extension

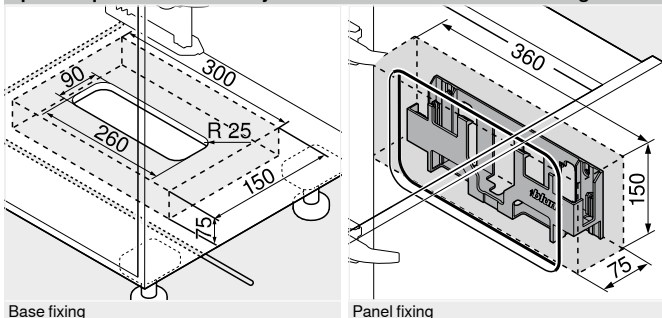


Lever cap



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

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Overview – TANDEMBOX antaro	263	Overview – assembly devices	561	
Overview – TANDEMBOX plus	311	Machine directive	665	
		More technical details	662	

Short-URL
www.blum.com/a380

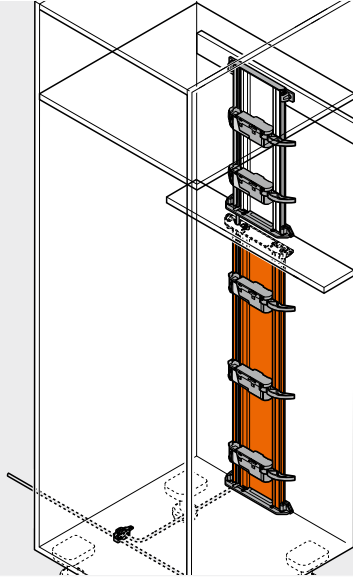


SPACE TOWER

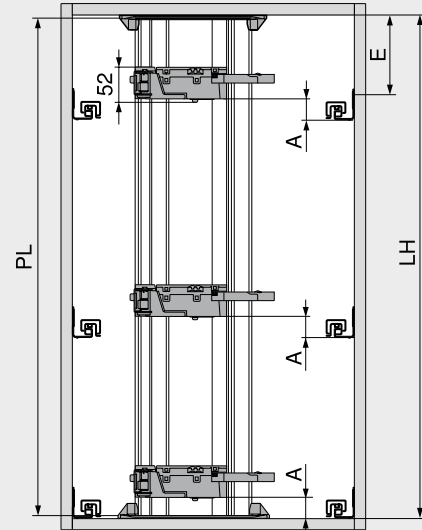
Planning

Bottom bracket profile

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

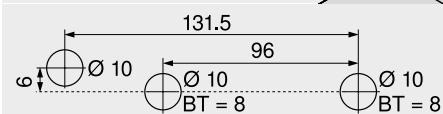
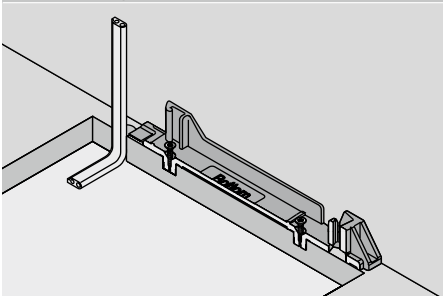
Position – drive unit

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
	Steel back	N	–	–	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

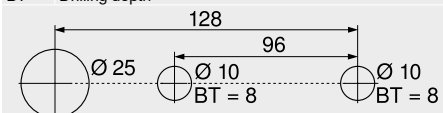
A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit – Not possible
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile

Cabinet bottom – drilling pattern

Lower cabling

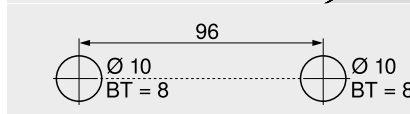
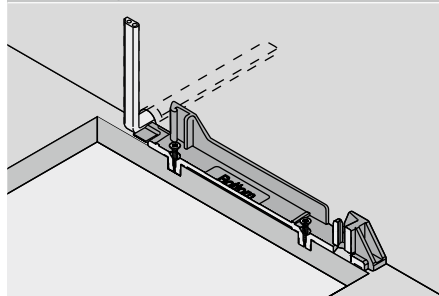


BT Drilling depth



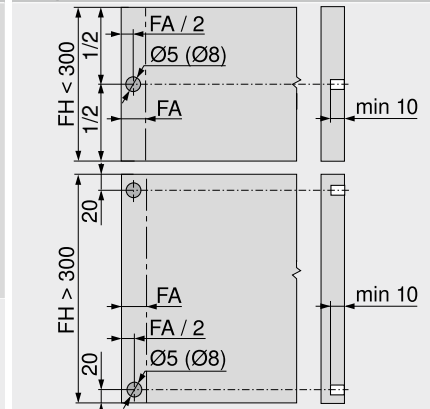
Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

Back cabling



BT Drilling depth

Front assembly – position of Blum distance bumper



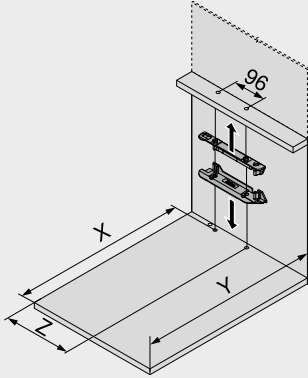
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
 For optimal trigger function for TANDEMBOX, use front stabilisation
 FA Front overlay
 FH Front height

SPACE TOWER

Planning

Bottom bracket profile

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

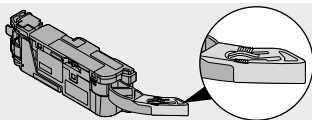
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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	–	–	–	–	–	–	–	–	–	–
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	●	–

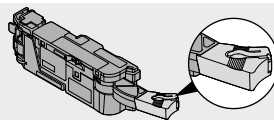
Box systems	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
TANDEMBOX	Chipboard back	N	179	●	○	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
 Z Dimension of engagement
 ● Required

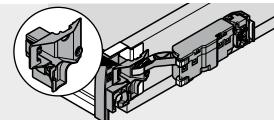
○ Not required
 – Not possible
 ✘ Remove



Lever extension

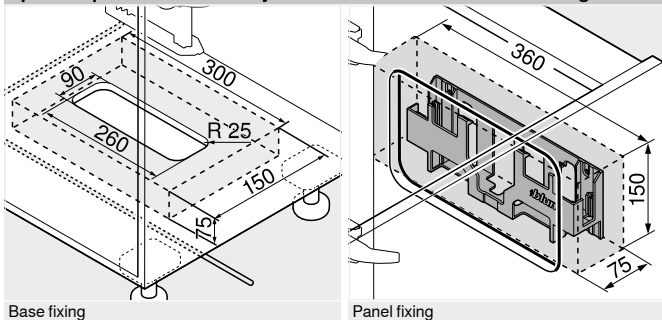


Lever cap



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

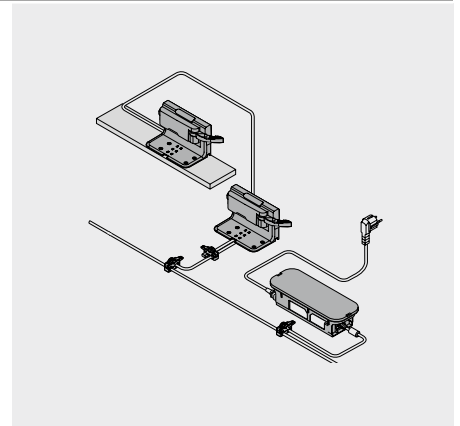
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Order information	328	Assembly, removal and adjustment
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Sink cabinet



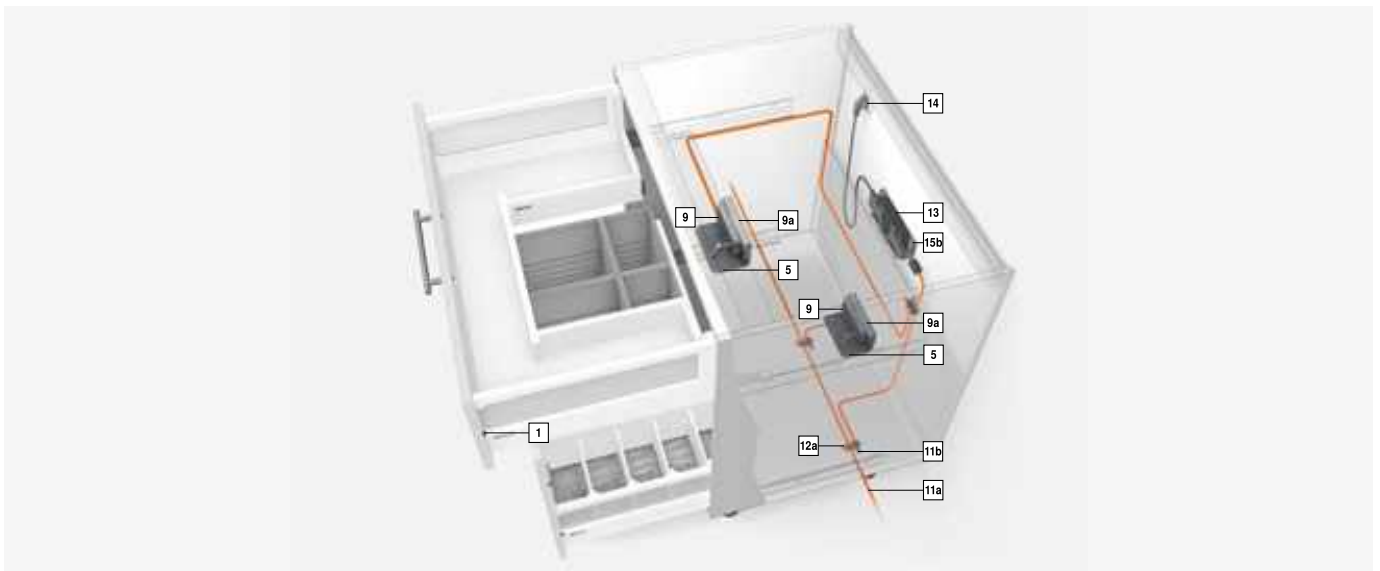
- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With attachment bracket
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



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 cabinet profile, use 4 pcs. For TANDEMBOX 65 kg cabinet profile, use 4 pcs.			
5	Attachment bracket 1 tier		
	Colour	Material	Part no.
	R7037	Nylon	Z10D0311
9	Drive unit		
	Colour	Material	Part no.
	R7037	Nylon	Z10A3000.03
Includes pre-assembled lever extension			
9a	Protection against dripping water		
	Colour	Material	Part no.
	R7037	Nylon	Z10D0316
11	Distribution cable and cable end protector		
	Colour	Length (m)	Part no.
	S	8	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		
	Colour	Material	Part no.
	S	Nylon	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
	A	Z10NE030A	F
	B	Z10NE030B	G
	C	Z10NE030C	H
	D	Z10NE030D	J
	E	Z10NE030E	
Incl. instruction leaflet and installation instructions			
Without flex			
Language package			
A DE EN FR IT NL		F BG ET LT LV RO RU	
B DA EN FI NO SV		G EN ES FR	
C EL EN HR SL SR TR		H EN ZH	
D EN ES FR IT PT		J JA	
E CS HU PL SK			
Language descriptions as per ISO-639			



Sink cabinet

Order information

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

¹ Without plug

15a Transformer unit housing

Base fixing

Colour	Material	Part no.
R7037	Nylon	Z10NG000

Incl. cover
For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

Colour	Material	Part no.
WGR	Nylon	Z10NG120

For Blum transformer 24 W

Accessories

Cable holder			
Colour	Material	Part no.	
W	Nylon	Z10K0009	
For example, for securing the distribution cable			
Front/base stabiliser			
Colour	Material	Part no.	
R7037	Nylon	Z96.10E1	
Colour		Colour	
R7037	RAL 7037 dust grey	WGR	White grey
S	Black	W	White

Page instructions

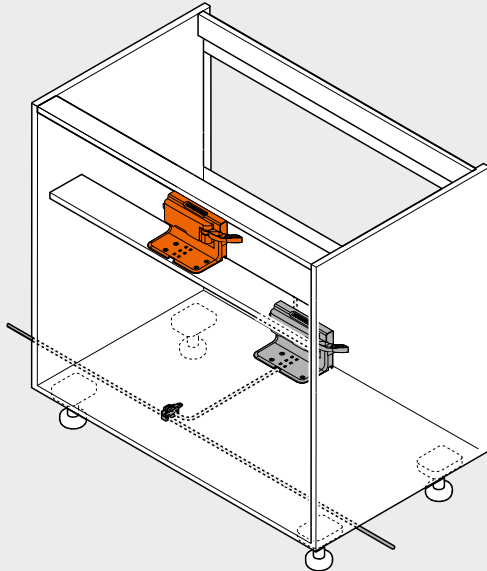
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories	350	Assembly, removal and adjustment Short-URL www.blum.com/a380
Overview – LEGRABOX	205	Overview – assembly devices	561	
Overview – TANDEMBOX intivo	261	Machine directive	665	
Overview – TANDEMBOX antaro	263	More technical details	662	
Overview – TANDEMBOX plus	311			
Planning	336			



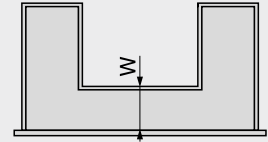
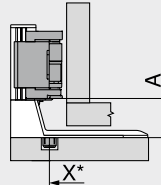
Sink cabinet

Planning

Cabinet



Cross member – attachment bracket 1 tier



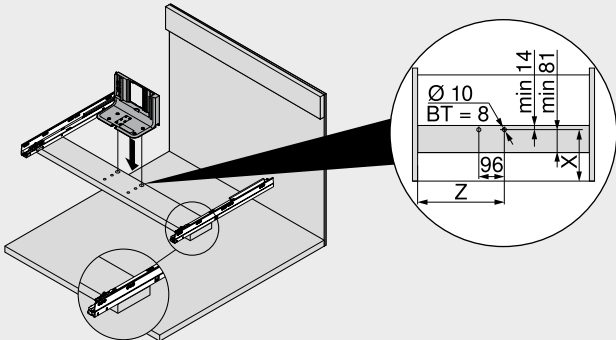
LEGRABOX | TANDEMBOX
 Centre piece
 X Drilling position
 * Measured from cabinet front edge

W Distance between the front edge of the drawer base and the centre piece
 W = 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

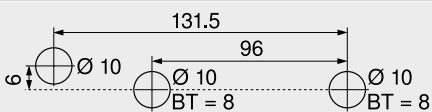
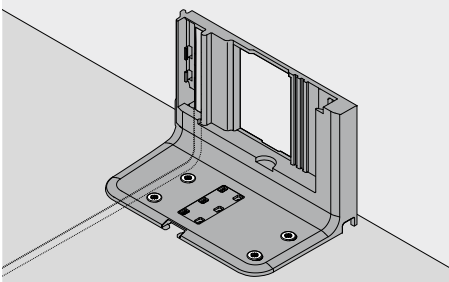


Box systems	Back	Back height	Internal cabinet width LW (mm)			
			≥ 387			
			Nominal length exterior NL (mm)			
			400	450–650		
			X (mm)	Z (mm)	X (mm)	Z (mm)
LEGRABOX	Centre piece	N M K C F	157	LW / 2	177	LW / 2
TANDEMBOX	Centre piece	N M K B C D	W + 27	LW / 2	W + 27	LW / 2

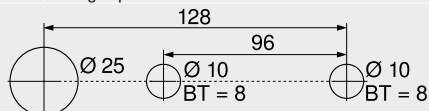
X Drilling position
 Z Dimension of engagement
 W Distance between the front edge of the drawer base and the centre piece
 BT Drilling depth

Cabinet bottom – drilling pattern

Lower cabling

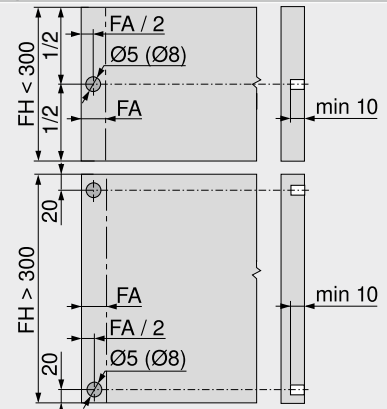


BT Drilling depth



Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

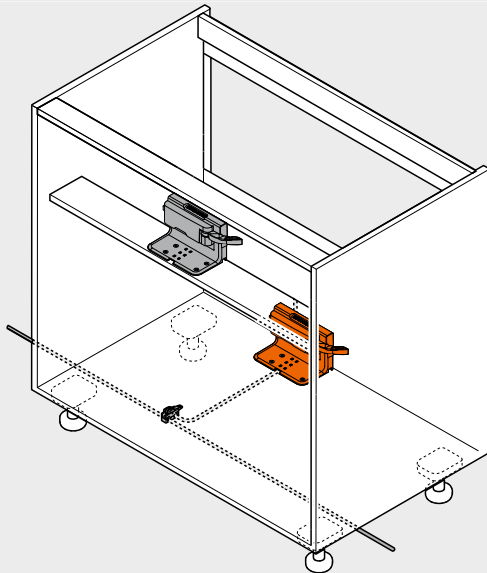
Front assembly – position of Blum distance bumper



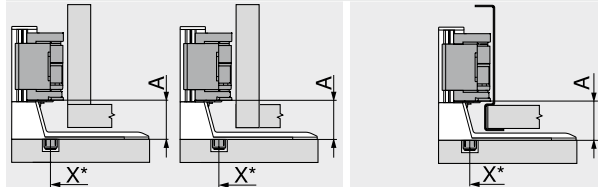
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
 For optimal trigger function for TANDEMBOX, use front stabilisation
 FA Front overlay
 FH Front height

Sink cabinet

Planning Cabinet



Cabinet bottom – attachment bracket 1 tier

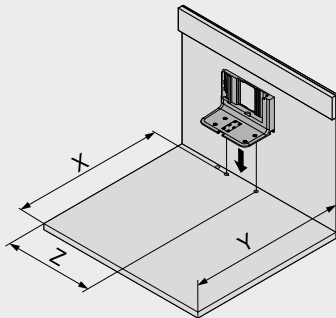


LEGRABOX	TANDEMBOX	LEGRABOX TANDEMBOX
Chipboard back	Steel back	Steel back
X Drilling position	X Drilling position	X Drilling position
* Measured from cabinet front edge	* Measured from cabinet front edge	* Measured from cabinet front edge

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	–
TANDEMBOX	Chipboard back	M K C F	45
		N	28
	Steel back	M K B C D	35
		N	28
	M K B C D	35	

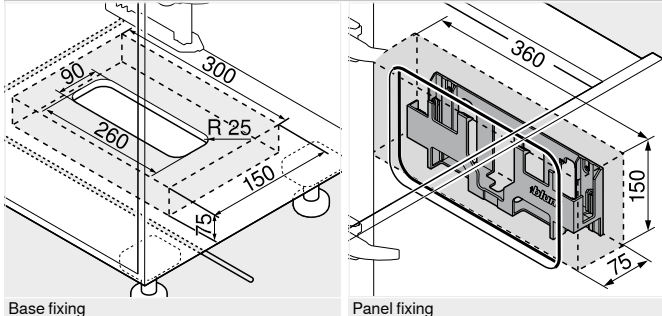
A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit
 – Not possible

Cabinet bottom – attachment bracket 1 tier



Back	X (mm)	Y (mm)	Z (mm)
Chipboard back	NL + 19	NL + 35	LW / 2
Steel back	NL + 2	NL + 18	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



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

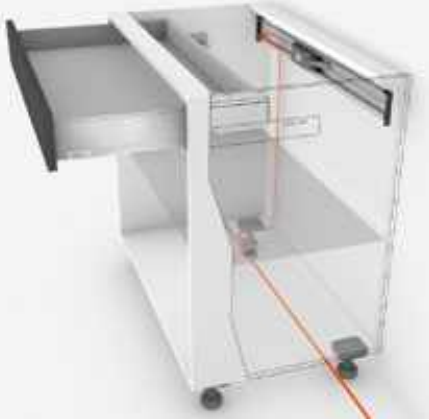
Air must be able to circulate, otherwise the Blum transformer could overheat

Page instructions

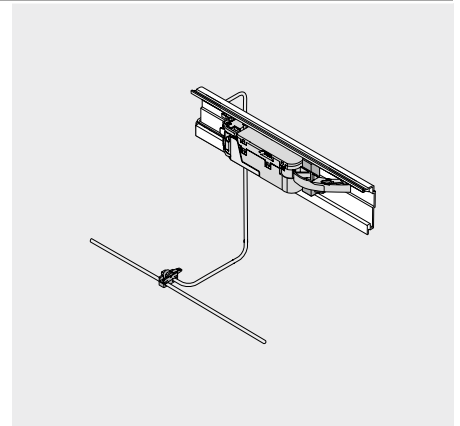
Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Order information	334	Assembly, removal and adjustment
Overview – LEGRABOX	205	Accessories	350	
Overview – TANDEMBOX intivo	261	Overview – assembly devices	561	Short-URL
Overview – TANDEMBOX antaro	263	Machine directive	665	
Overview – TANDEMBOX plus	311	More technical details	662	
			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 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 cabinet profile, use 4 pcs.
 For TANDEMBOX 65 kg cabinet profile, use 4 pcs.

6	Bracket profile horizontal		
	Length (mm)	Material	Part no.
	1143	Aluminium	Z10T1143B

For cabinet width KB 275–1200 mm
 Cutting Internal cabinet width LW – 19 mm

7	Horizontal bracket profile attachment		
	Colour	Material	Part no.
	R7037	Nylon	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		
	Colour	Material	Part no.
	R7037	Nylon	Z10A3000.03

Includes pre-assembled lever extension

10	Lever cap		
	Box systems	Colour	Part no.
	LEGRABOX	S	Z10A3006

Steel back
 Required for height M and internal cabinet widths LW of 267–286 mm

10	Trigger guidance		
	Box systems	Colour	Part no.
	TANDEMBOX	R7037	Z10A3H00

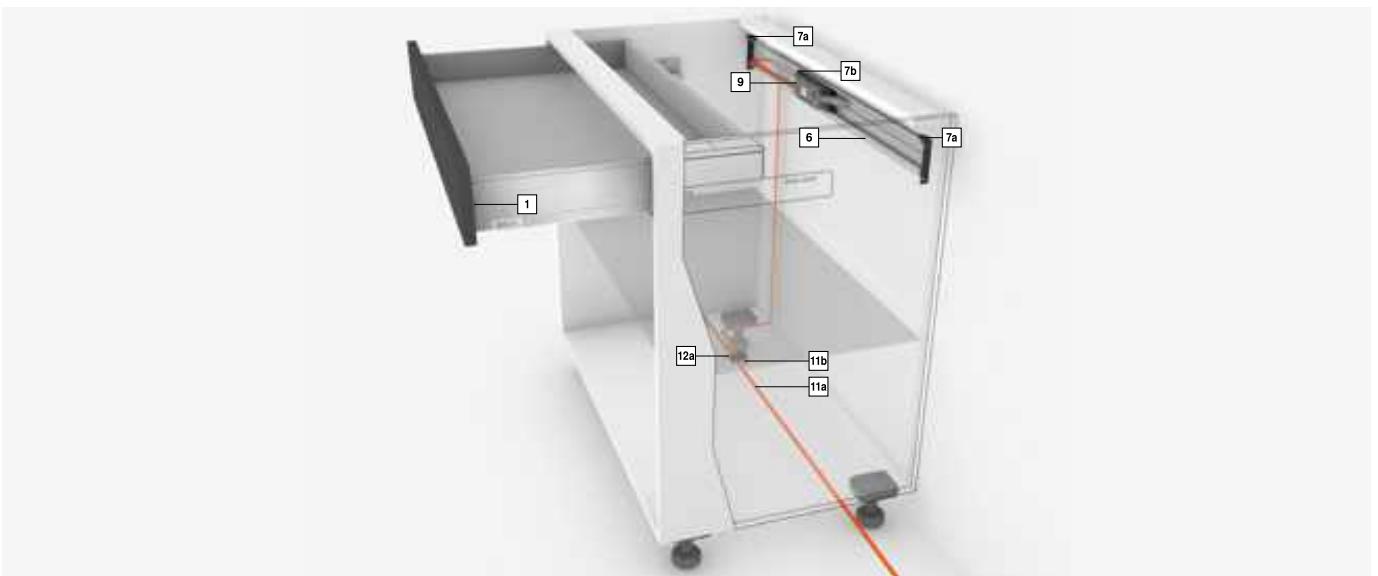
Chipboard back
 Required for internal cabinet widths LW of 242–316 mm

11	Distribution cable and cable end protector		
	Colour	Length (m)	Part no.
	S	8	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		
	Colour	Material	Part no.
	S	Nylon	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	F	Z10NE030F
B	Z10NE030B	G	Z10NE030G
C	Z10NE030C	H	Z10NE030H
D	Z10NE030D	J	Z10NE030J
E	Z10NE030E		

Incl. instruction leaflet and installation instructions
Without flex

Language package

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

Language descriptions as per ISO-639

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

¹ Without plug

15a Transformer unit housing			
Base fixing			
Colour	Material	Part no.	
R7037	Nylon	Z10NG000	

Incl. cover
For Blum transformer 24 W

Alternative to 15a			
15b Transformer unit housing			
Panel fixing			
Colour	Material	Part no.	
WGR	Nylon	Z10NG120	

For Blum transformer 24 W

Accessories

Cable holder			
Colour	Material	Part no.	
W	Nylon	Z10K0009	

For example, for securing the distribution cable

Front/base stabiliser			
Colour	Material	Part no.	
R7037	Nylon	Z96.10E1	

COMBOX set			
Colour	Material	Part no.	
S	Nylon	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

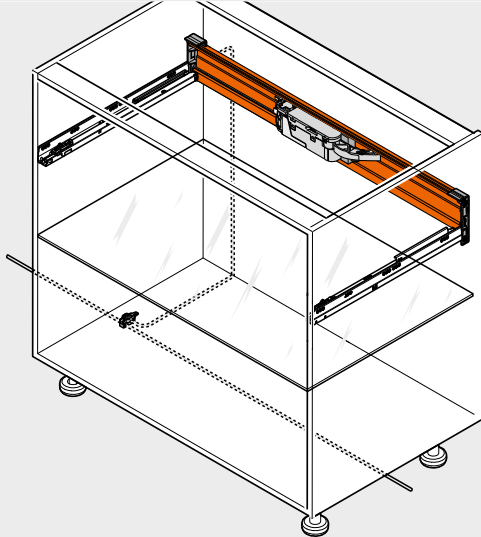
Page instructions

Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories	350	Assembly, removal and adjustment	
Overview – LEGRABOX	205	Overview – assembly devices	561		
Overview – TANDEMBOX intivo	261	Machine directive	665		
Overview – TANDEMBOX antaro	263	More technical details	662	Short-URL	
Overview – TANDEMBOX plus	311			www.blum.com/a380	
Planning	340				

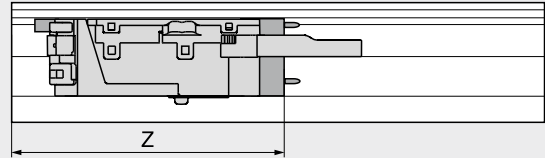
Cabinet with pull-out element – bracket profile horizontal

Planning

Cabinet



Position – drive unit



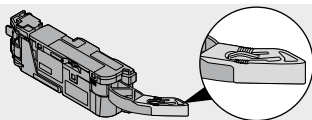
Z Dimension of engagement

Position – drive unit

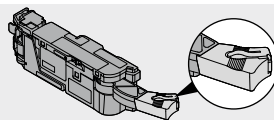
Box systems	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286			287–316			
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Lever cap	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	–	–	–	193	✘	●	–
		M K C F	–	–	–	182	●	–	182	●	–	–
TANDEMBOX	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K C F	–	–	–	182	●	–	182	●	–	–
TANDEMBOX	Chipboard back	N	182	✘	●	–	–	–	193	✘	○	○
		M K B C D	–	–	–	182	✘	●	182	●	–	●
TANDEMBOX	Steel back	N	–	–	–	–	–	–	193	●	–	○
		M K B C D	–	–	–	182	✘	○	182	●	–	○

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	193	●	–	LW / 2	●	–
		M K C F	182	●	–	LW / 2	●	–
TANDEMBOX	Steel back	N	–	–	–	–	–	–
		M K C F	182	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	193	●	○	LW / 2	●	○
		M K B C D	182	●	○	LW / 2	●	○
TANDEMBOX	Steel back	N	193	●	○	LW / 2	●	○
		M K B C D	182	●	○	LW / 2	●	○

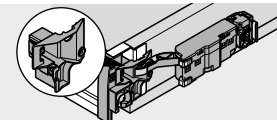
LW Internal cabinet width
 Z Dimension of engagement
 ● Required
 ○ Not required
 – Not possible
 ✘ Remove



Lever extension

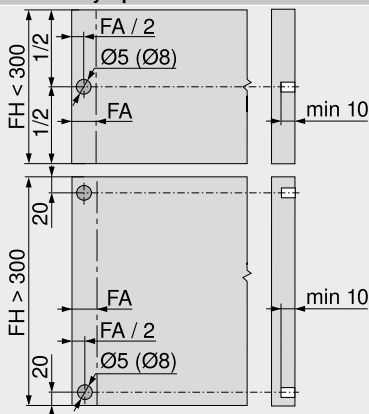


Lever cap



Trigger guidance

Front assembly – position of Blum distance bumper

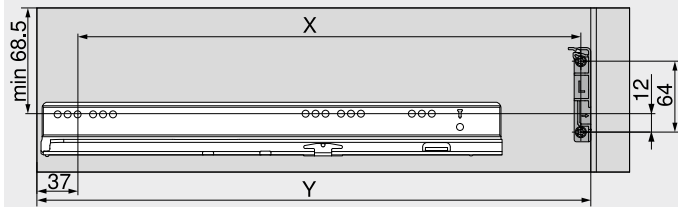


The Blum distance bumper creates and maintains the required trigger path of 2 mm
 When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
 For optimal trigger function for TANDEMBOX, use front stabilisation
 FA Front overlay
 FH Front height

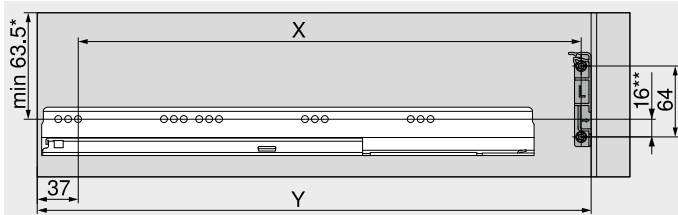
Cabinet with pull-out element – bracket profile horizontal

Planning

Drilling distances



LEGRABOX



TANDEMBOX

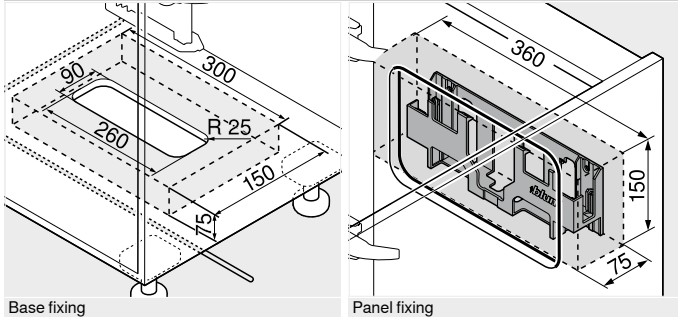
* 55 mm for back height N
 ** 24 mm for back height N

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	321	Order information Accessories	338 350	Assembly, removal and adjustment Short-URL www.blum.com/a380
Overview – LEGRABOX	205	Overview – assembly devices	561	
Overview – TANDEMBOX intivo	261	Machine directive	665	
Overview – TANDEMBOX antaro	263	More technical details	662	
Overview – TANDEMBOX plus	311			

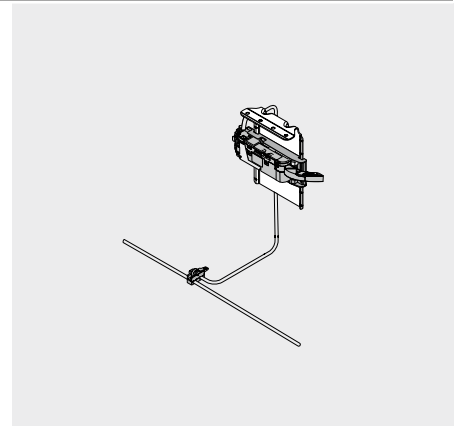





Cabinet with pull-out element – upper attachment bracket




- 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 cabinet profile, use 4 pcs. For TANDEMBOX 65 kg cabinet profile, use 4 pcs.			

8	Upper attachment bracket		
	Colour	Material	Part no.
	R7037/ZN	Steel	Z10D6252
Incl. pre-mounted adapter for the drive unit			

9	Drive unit		
	Colour	Material	Part no.
	R7037	Nylon	Z10A3000.03
Includes pre-assembled lever extension			

10	Lever cap		
	Box systems	Colour	Part no.
	LEGRABOX	S	Z10A3006
Steel back Required for height M and internal cabinet widths LW of 267–286 mm			


10	Trigger guidance		
	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		
	Colour	Length (m)	Part no.
	S	8	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		
	Colour	Material	Part no.
	S	Nylon	Z10V100E.01

Composed of:

12a	1 x Connecting node
11b	2 x Cable end protector

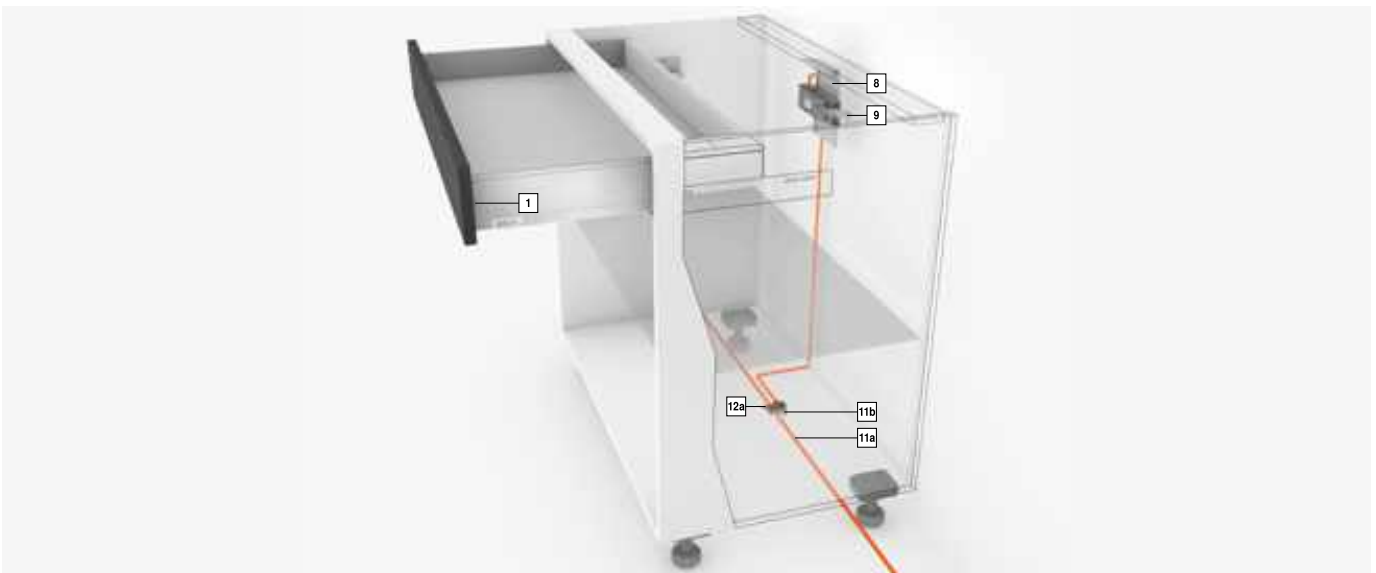
13	Blum transformer 24 W			
	Language package	Part no.	Language package	Part no.
	A	Z10NE030A	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		

Incl. instruction leaflet and installation instructions
Without flex

Language package

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

Language descriptions as per ISO-639



Cabinet with pull-out element – upper attachment bracket

Order information

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

¹ Without plug

15a Transformer unit housing

Base fixing

Colour	Material	Part no.
R7037	Nylon	Z10NG000

Incl. cover
For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

Colour	Material	Part no.
WGR	Nylon	Z10NG120

For Blum transformer 24 W

Accessories

–	Cable holder	Colour	Material	Part no.
	W	Nylon	Z10K0009	

For example, for securing the distribution cable

–	Front/base stabiliser	Colour	Material	Part no.
	R7037	Nylon	Z96.10E1	

–	COMBOX set	Colour	Material	Part no.
	S	Nylon	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	

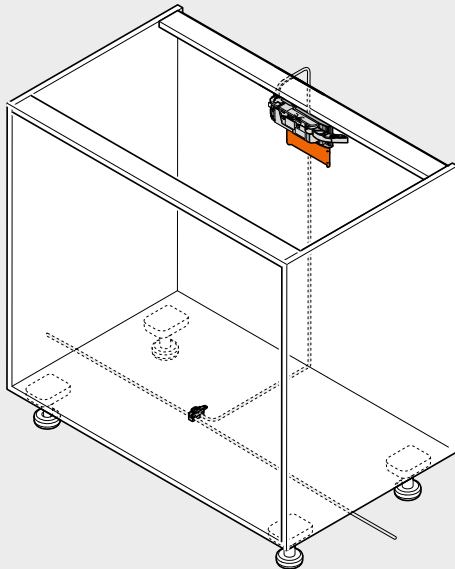
Page instructions

Overview – SERVO-DRIVE for LEGRABOX TANDEMBOX	321	Accessories	350	Assembly, removal and adjustment
Overview – LEGRABOX	205	Overview – assembly devices	561	
Overview – TANDEMBOX intivo	261	Machine directive	665	
Overview – TANDEMBOX antaro	263	More technical details	662	
Overview – TANDEMBOX plus	311			Short-URL
Planning	344			www.blum.com/a380

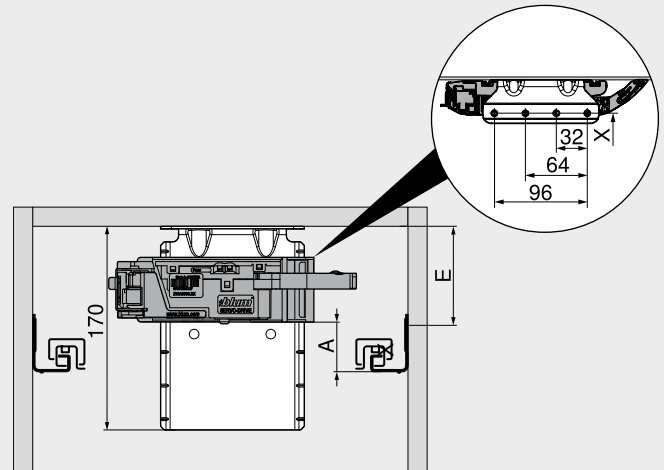
Cabinet with pull-out element – upper attachment bracket

Planning

Cabinet



Position – drive unit



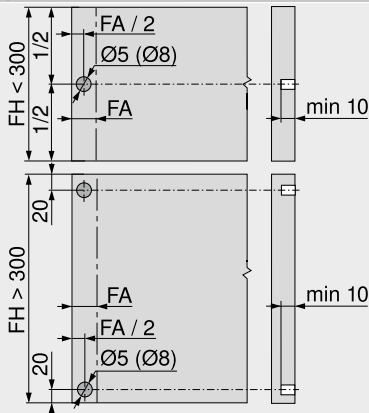
A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile
 X Drilling position
 The cross bar must be connected to the work plate to make it secure

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
TANDEMBOX	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
TANDEMBOX	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
 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

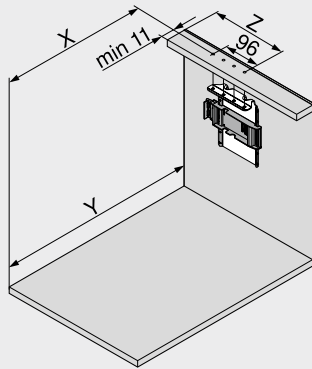


The Blum distance bumper creates and maintains the required trigger path of 2 mm
 When using a 70 kg LEGRABOX or 65 kg TANDEMBOX runner, attach four Blum distance bumpers
 For optimal trigger function for TANDEMBOX, use front stabilisation
 FA Front overlay
 FH Front height

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

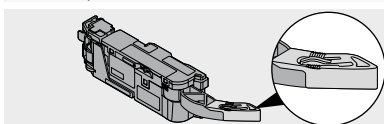
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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	–	–
TANDEMBOX	Chipboard back	N	–	–	–	184	●	–	–	184	●	–
		M K B C D	179	✘	●	179	●	●	–	179	●	●
TANDEMBOX	Steel back	N	–	–	–	–	–	–	–	190	✘	–
		M K B C D	–	–	–	179	✘	–	–	179	●	–

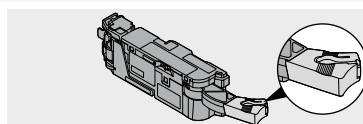
Box systems	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	–	–	–	–	–	–
		M K B C D	184	●	–	LW / 2	●	–
TANDEMBOX	Steel back	N	179	●	○	LW / 2	●	○
		M K B C D	179	●	○	LW / 2	●	○
TANDEMBOX	Steel back	N	190	●	–	LW / 2	●	–
		M K B C D	179	●	–	LW / 2	●	–

LW Internal cabinet width
Z Dimension of engagement
● Required

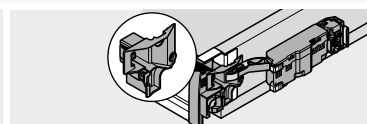
○ Not required
– Not possible
✘ Remove



Lever extension

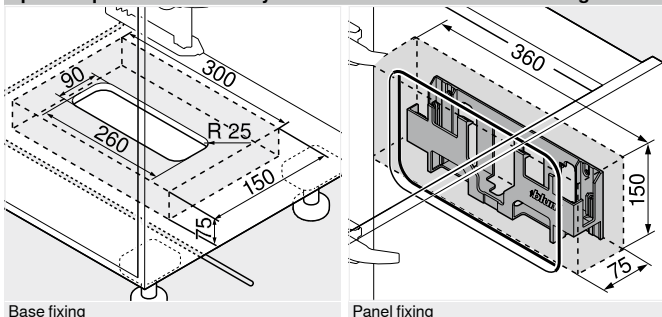


Lever cap



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	321	Order information	342	Assembly, removal and adjustment
Overview – LEGRABOX	205	Accessories	350	
Overview – TANDEMBOX intivo	261	Overview – assembly devices	561	
Overview – TANDEMBOX antaro	263	Machine directive	665	
Overview – TANDEMBOX plus	311	More technical details	662	
				Short-URL
				www.blum.com/a380



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



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

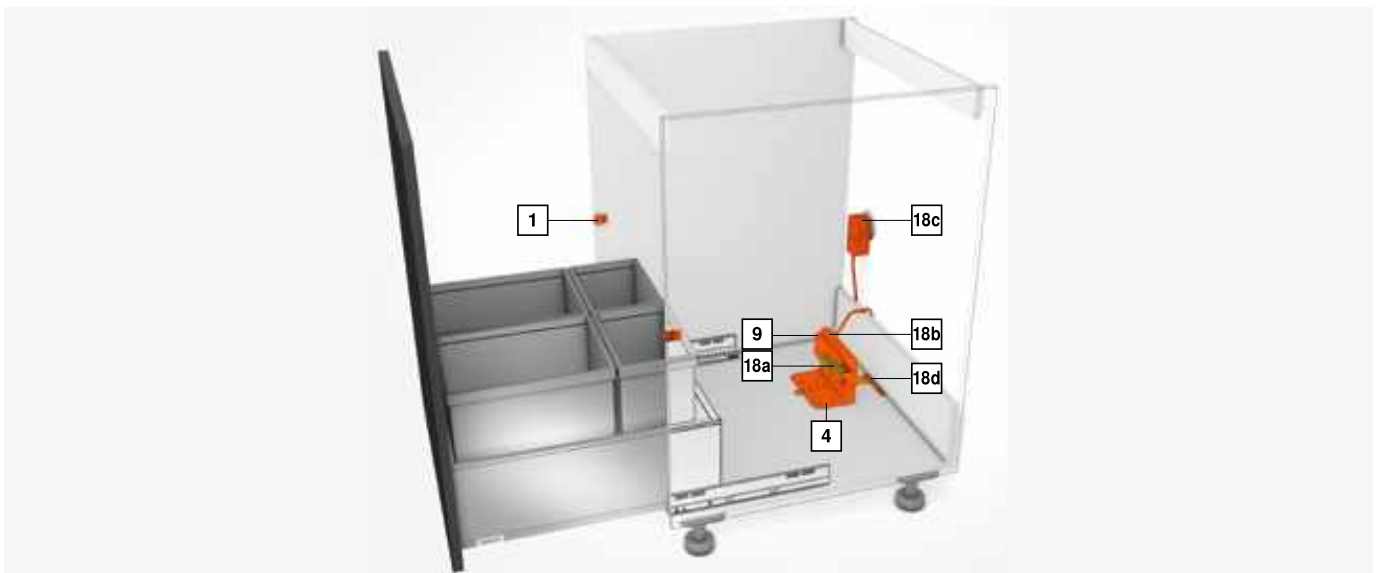
Other combinations available upon request

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

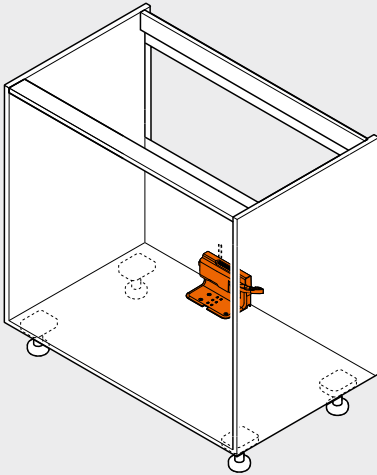


SERVO-DRIVE uno for bottom mount waste bin solutions – LEGRABOX | TANDEMBOX

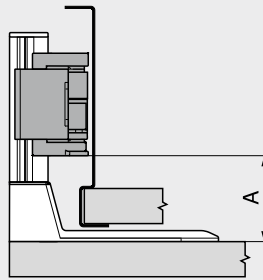
Webcode
DQE61A

Planning

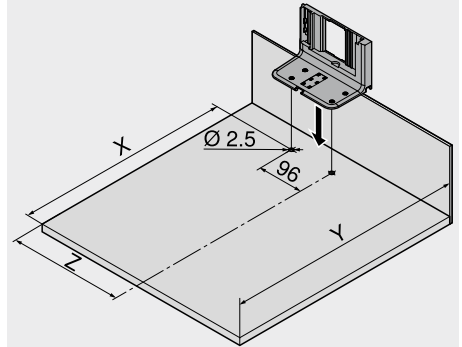
Cabinet



Position – drive unit



Drilling distances – base



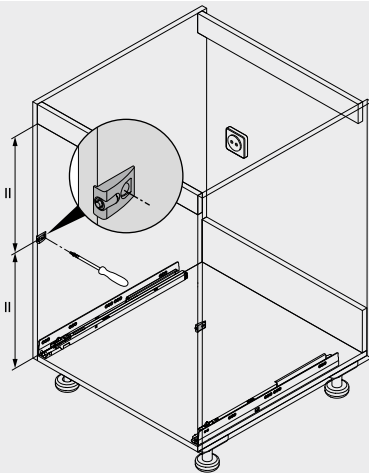
Box systems	Internal cabinet width LW (mm)	
	≥ 387	
	A min. (mm)	A max. (mm)
LEGRABOX	45	47
TANDEMBOX	28	43

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

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

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Assembly, removal and adjustment

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)					
E	B	K	U	R	N

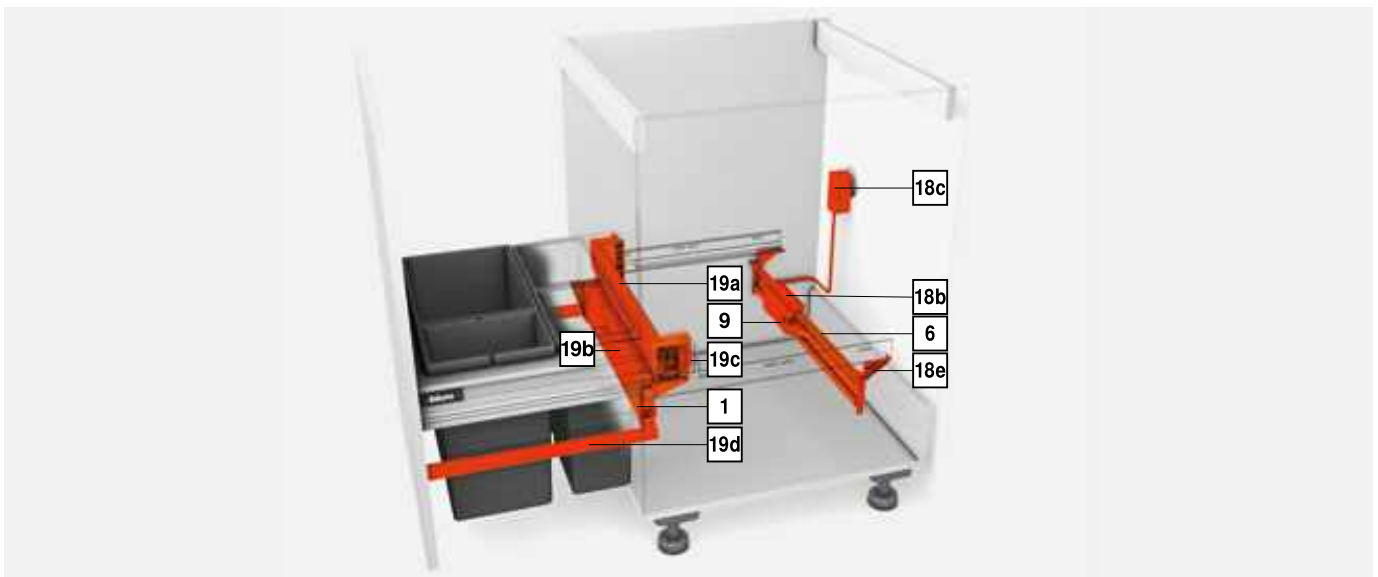
Language package (y)	
A DE EN FR IT NL	E CS HU PL SK
B DA EN FI NO SV	F BG ET LT LV RO RU
C EL EN HR SL SR TR	G EN ES FR
D EN ES FR IT PT	H EN ZH

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	R9006	
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

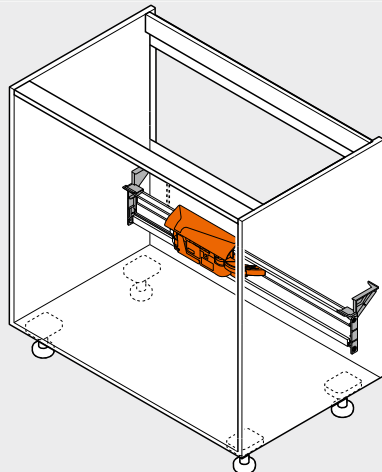
Composed of:	
19a	1 x Steel back height M
19b	1 x Steel back for waste bin pull-out
19c	1 x Attachment left/right
19d	1 x Longside gallery rail left/right
R9006	RAL 9006 grey (white aluminium)



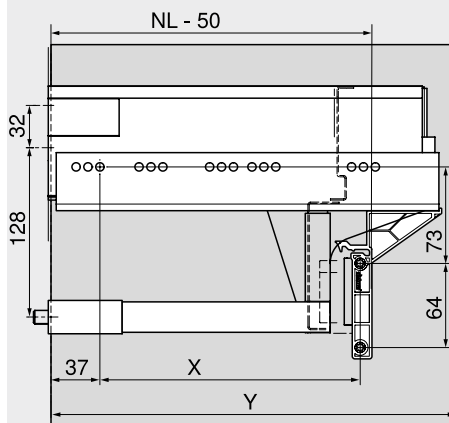
SERVO-DRIVE uno for top mount waste bin solutions – TANDEMBOX

Webcode
DQE6QM

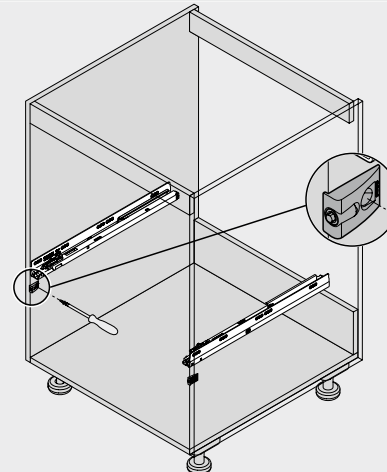
Planning
Cabinet



Position – bracket profile attachment



Position – Blum distance bumper



The Blum distance bumper creates and maintains the required trigger path of 2 mm

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	

Page instructions

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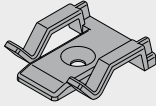
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Assembly, removal and adjustment

Short-URL
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Cable holder

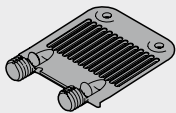


- Colour: white
- Material: nylon

Order information

Description	Part no.
Cable holder	Z10K0009

Front/base stabiliser



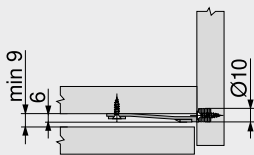
- For stabilising high fronts
- For supporting wide drawer bases

Order information

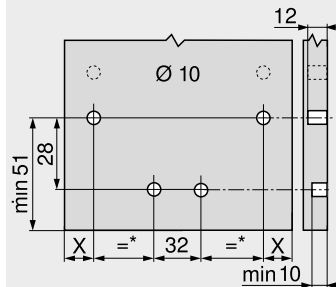
Fixing method	Colour	Part no.
EXPANDO	RAL 7037 dust grey	Z96.10E1

Planning

Space requirement in cabinet

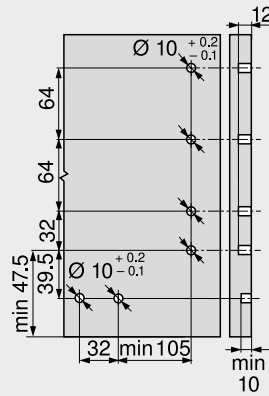


Drilling distances – front



LEGRABOX

Drilling distances – front



TANDEMBOX antaro

Synchronisation cable

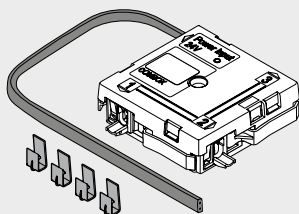


- Connects two drive units that need to activate simultaneously

Order information

Length (mm)	Part no.
80	Z10K008S
500	Z10K050S
1200	Z10K120S
1600	Z10K160S

COMBOX set

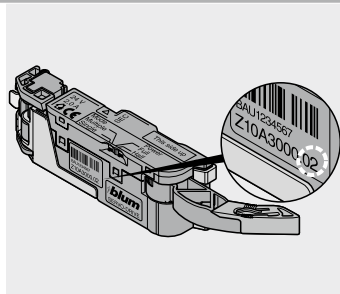


- COMBOX set
- For preventing front collisions when using SERVO-DRIVE in corner situations
- Includes all assembly and cabling components

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

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	▶ TANDEMBOX antaro	262
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▶▶ Overview

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▶▶ Accessories

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	Child safety latch	368	METAFILE – file drawer	370
	Anti-tilt device	368	Screws	371
	Spacers	369	Screwdriver	372
	Contoured profile	369	ORGA-LINE – gallery	373
	Lock-out stop	369	ORGA-LINE – BOXSIDE	374

▶▶ Cabinet profile fixing positions












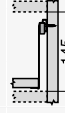



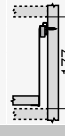



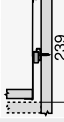
	Cabinet profile 320 – 25 kg	375
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


















▶▶ Assembly, removal and adjustment

	Assembly, removal and adjustment	
	Short-URL www.blum.com/a390	

Pictograph

	Item Available Upon Request
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Applications	kg	Space re-quirement	Web-code	Page	Applications	kg	Space re-quirement	Web-code	Page
▶ ▶ Single extension									
Drawer					Inner drawer				
 Drawer – N	25		DQCKBY	356	 Inner drawer – N	25		DQCN5A	356
 Drawer – M	25		DQCL1A	358	 Inner drawer – M	25		DQCNUM	358
 Drawer – K	25		DQCLQM	360	 Inner drawer – K	25		DQCOJY	360
 Drawer – H	25		DQCMFY	362	 Inner drawer – H	25		DQCP9A	362
High fronted pull-out									
 High fronted pull-out – gallery – B	25		DQCPYM	364					
 High fronted pull-out – gallery – D	25		DQCQNY	366					
BOXSIDE possible									
kg Dynamic carrying capacity									

Applications	kg	Space re- quirement	Web- code	Page	Applications	kg	Space re- quirement	Web- code	Page
►► Full extension									
Drawer					Inner drawer				
 Drawer – N	30		DQCRDA		 Inner drawer – N	30		DQCU6M	
 Drawer – M	30		DQCS2M		 Inner drawer – M	30		DQCUVY	
 Drawer – K	30		DQCSRY		 Inner drawer – K	30		DQCCLA	
 Drawer – H	30		DQCTHA		 Inner drawer – H	30		DQCWAM	
High fronted pull-out									
 High fronted pull-out – gallery – B	30		DQCWZY						
 High fronted pull-out – gallery – D	30		DQCXPA						
BOXSIDE possible									
kg Dynamic carrying capacity									

Box systems



- ▶ METABOX
- ▶▶ Single extension

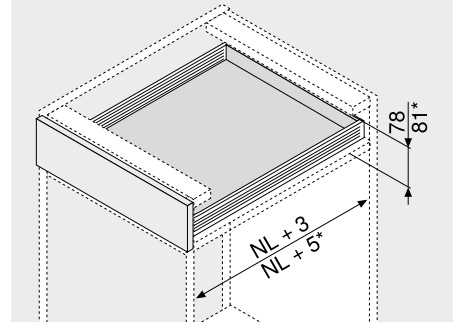
Drawer | inner drawer – N



- Single extension
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

Web-code	Drawer	DQCKBY
	Inner drawer	DQCN5A

Space requirement



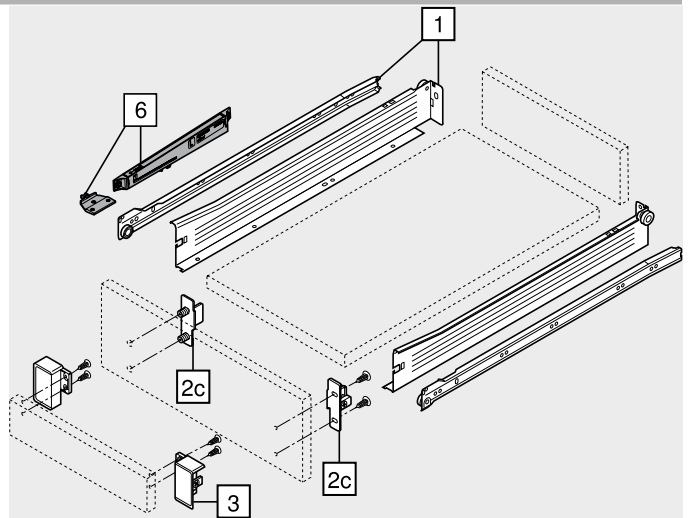
NL Nominal length
* Inner drawer

Order information

<input checked="" type="checkbox"/> Drawer	<input type="checkbox"/> Inner drawer
1	Cabinet profiles and drawer sides left/right
Drawer side height (mm)	54
Colour	R9001
Nominal length	Version
NL (mm)	Screw-on 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 bracket	
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		



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

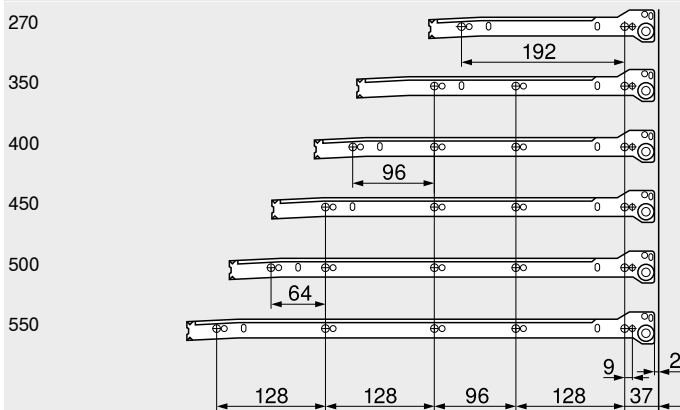
Web-code	Drawer	DQCKBY
	Inner drawer	DQCN5A

Planning

Space requirement in cabinet	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO knock-in	Installation dimensions – back
<p>* +2 mm with BLUMOTION</p> <p>* +3 mm for inner drawer with BLUMOTION</p>	<p>Drawer</p> <p>FA Front overlay</p> <p>* +2 mm with BLUMOTION</p> <p>* +3 mm for inner drawer with BLUMOTION</p>	<p>Drawer</p> <p>* +2 mm with BLUMOTION</p> <p>* +3 mm for inner drawer with BLUMOTION</p>	

Hole spacing – 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

<p>B</p> <p>Back</p> <p>39 mm</p> <p>LW – 31 mm</p>	
<p>A</p> <p>Base</p> <p>Drawer</p> <p>NL – 2 mm</p> <p>Inner drawer</p> <p>NL – 18 mm</p> <p>LW – 31 mm</p>	
<p>C</p> <p>Front</p> <p>Inner drawer</p> <p>61 mm</p> <p>LW – 64 mm</p>	

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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Cabinet profile fixing positions	375	
Overview – assembly devices	561	
More technical details	662	

Short-URL
www.blum.com/a390

Box systems



- ▶ METABOX
- ▶▶ Single extension

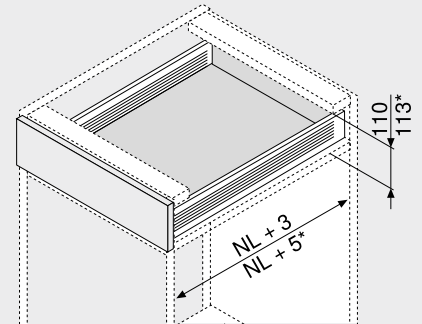
Drawer | inner drawer – M



- Single extension
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

Web-code	Drawer	DQCL1A
	Inner drawer	DQCNUM

Space requirement



NL Nominal length
* Inner drawer

Order information

<input checked="" type="checkbox"/> Drawer	<input type="checkbox"/> Inner drawer
1	Cabinet profiles and drawer sides left/right
	Drawer side height (mm) 86
	Colour R9001
Nominal length	Version
NL (mm)	Screw-on 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)	

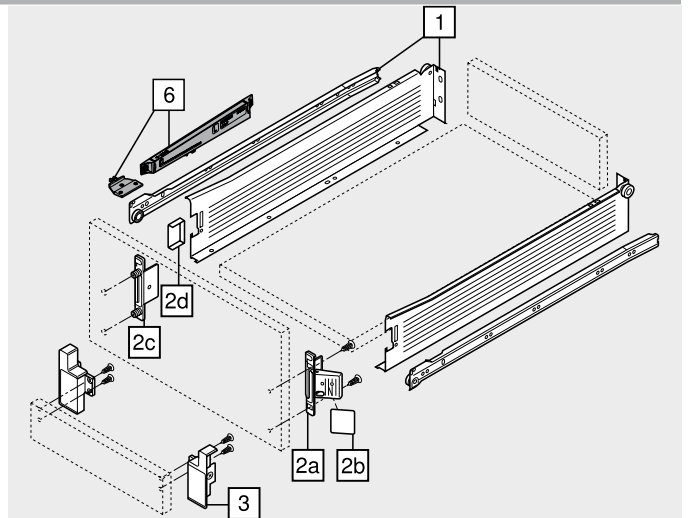
2a	CLIP front fixing bracket	Part no.
	Fixing method	
	Screw-on	ZSF.1200
	Knock-in	ZSF.1300
	EXPANDO	ZSF.130E
Order left/right		

2b	Cover caps for 2a	Part no.
	Colour R9001	
	Material Nylon	ZAA.3700
Order left/right		
Cover caps, plain, starting at 1000 pcs individually printed		

Alternative to 2a	Standard front fixing bracket	Part no.
2c	Fixing method	
	Screw-on	ZSF.1700
	Knock-in	ZSF.1800
Order left/right		

2d	Cover caps for 2c	Part no.
	Colour R9001	
	Material Nylon	2 x ZAA.3500
Cover caps, plain or printed with Blum logo, starting at 1000 pcs. individually printed		

3	Front fixing for inner drawers	Part no.
	Colour R9001	
	Material Nylon	ZIF.3000
Order left/right		



Accessories	6	BLUMOTION for METABOX 320	Part no.
	Colour WGR/R9001	Material Nylon	Z70.0320
Other colours available for latch upon request (white or grey)			

Colour	R9001 RAL 9001 cream	Colour	WGR White grey
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Drawer | inner drawer – M

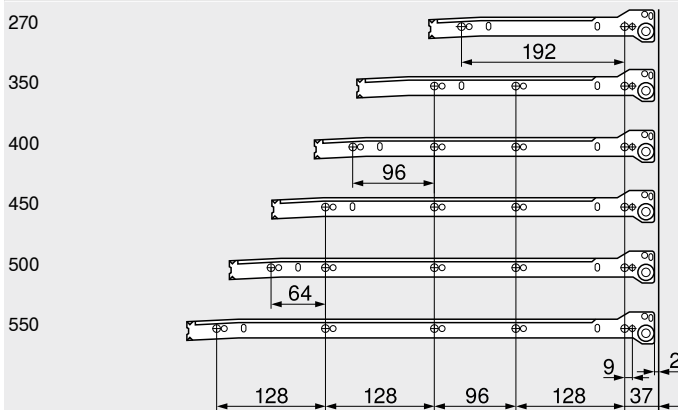
Web-code	Drawer	DQCL1A
	Inner drawer	DQCNM

Planning

Space requirement in cabinet	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO knock-in	Installation dimensions – back
<ul style="list-style-type: none"> * +2 mm with BLUMOTION * +3 mm for inner drawer with BLUMOTION 	<p>Drawer</p> <p>FA Front overlay</p> <ul style="list-style-type: none"> * +2 mm with BLUMOTION * +3 mm for inner drawer with BLUMOTION 	<p>Drawer</p> <ul style="list-style-type: none"> * +2 mm with BLUMOTION * +3 mm for inner drawer with BLUMOTION 	

Hole spacing – 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

<p>B</p> <p>Back</p> <p>71 mm</p> <p>LW – 31 mm</p>	
<p>A</p> <p>Base</p> <p>Drawer</p> <p>NL – 2 mm</p> <p>Inner drawer</p> <p>NL – 18 mm</p> <p>LW – 31 mm</p>	
<p>C</p> <p>Front</p> <p>Inner drawer</p> <p>61 mm</p> <p>LW – 64 mm</p>	
<p>KB Cabinet width</p> <p>LW Internal cabinet width</p> <p>NL Nominal length</p>	

Base assembly for quick assembly version

	X (mm)
Drawer	69
Inner drawer	53

Page instructions

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BLUMOTION for METABOX 320	371	Short-URL
Cabinet profile fixing positions	375	
Overview – assembly devices	561	
More technical details	662	



Box systems



- ▶ METABOX
- ▶▶ Single extension

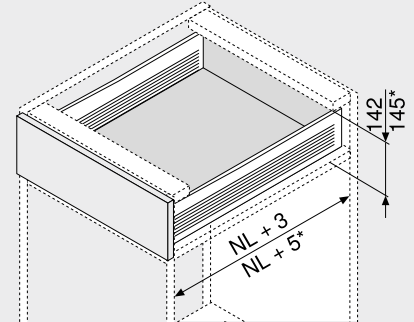
Drawer | inner drawer – K



- Single extension
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

Web-code	Drawer	DQCLQM
	Inner drawer	DQCOJY

Space requirement



NL Nominal length
* Inner drawer

Order information

Drawer Inner drawer

1	Cabinet profiles and drawer sides left/right
	Drawer side height (mm) 118
	Colour R9001
Nominal length	Version
NL (mm)	Screw-on 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 bracket	Part no.
	Fixing method	
	Screw-on	ZSF.1200
	Knock-in	ZSF.1300
	EXPANDO	ZSF.130E

Order left/right

2b	Cover caps for 2a	Part no.
	Colour R9001 Material Nylon	ZAA.3700

Order left/right
Cover caps, plain, starting at 1000 pcs individually printed

Alternative to 2a		
2c	Standard front fixing bracket	Part no.
	Fixing method	
	Screw-on	ZSF.1700
	Knock-in	ZSF.1800

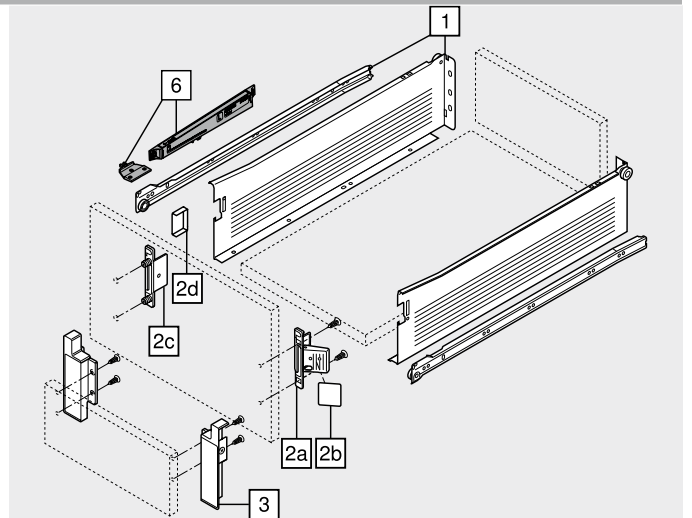
Order left/right

2d	Cover caps for 2c	Part no.
	Colour R9001 Material Nylon 2 x	ZAA.3500

Cover caps, plain or printed with Blum logo, starting at 1000 pcs. individually printed

3	Front fixing for inner drawers	Part no.
	Colour R9001 Material Nylon	ZIF.3030

Order left/right



Accessories			
6	BLUMOTION for METABOX 320	Part no.	
	Colour WGR/R9001 Material Nylon	Z70.0320	

Other colours available for latch upon request (white or grey)

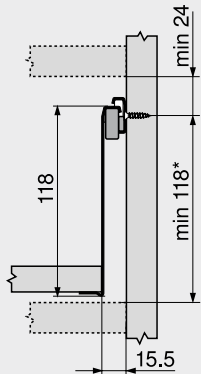
Colour	R9001 RAL 9001 cream	Colour	WGR White grey
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Drawer | inner drawer – K

Web-code	Drawer	DQCLQM
	Inner drawer	DQCOJY

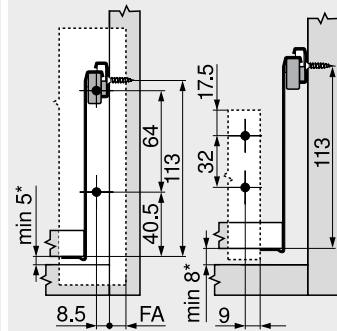
Planning

Space requirement in cabinet



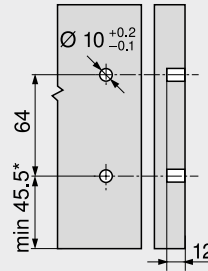
- * +2 mm with BLUMOTION
- * +3 mm for inner drawer with BLUMOTION

Installation dimensions – front – screw-on



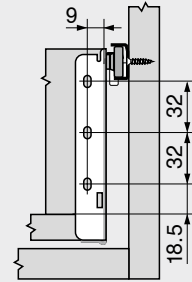
- | | |
|---|--------------|
| Drawer | Inner drawer |
| FA Front overlay | |
| * +2 mm with BLUMOTION | |
| * +3 mm for inner drawer with BLUMOTION | |

Drilling distances – front – EXPANDO | knock-in



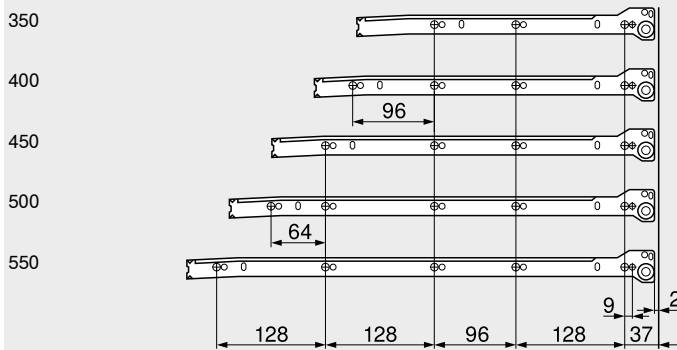
- Drawer
- * +2 mm with BLUMOTION
- * +3 mm for inner drawer with BLUMOTION

Installation dimensions – back



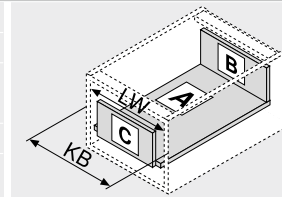
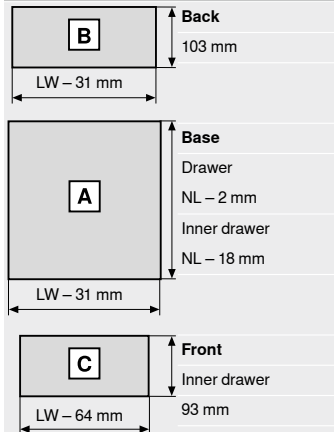
Hole spacing – cabinet profiles

Nominal length NL (mm)



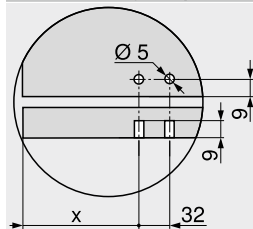
- Drawer**
Internal cabinet depth LT min. = nominal length NL + 3 mm
- Inner drawer**
Internal cabinet depth LT min. = nominal length NL + 5 mm

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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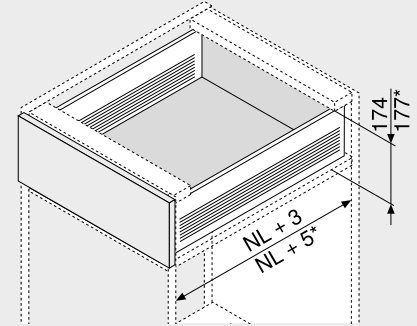
Drawer | inner drawer – H



- Single extension
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 2-dimensional front adjustment

Web-code	Drawer	DQCMFY
	Inner drawer	DQCP9A

Space requirement



NL Nominal length
* Inner drawer

Order information

Drawer Inner drawer

1	Cabinet profiles and drawer sides left/right
	Drawer side height (mm) 150
	Colour R9001
Nominal length	Version
NL (mm)	Screw-on 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 bracket	Part no.
	Fixing method	
	Screw-on	ZSF.1200
	Knock-in	ZSF.1300
	EXPANDO	ZSF.130E

Order left/right

2b	Cover caps for 2a	Part no.
	Colour R9001 Material Nylon	ZAA.3700

Order left/right
Cover caps, plain, starting at 1000 pcs individually printed

Alternative to 2a

2c	Standard front fixing bracket	Part no.
	Fixing method	
	Screw-on	ZSF.1700
	Knock-in	ZSF.1800

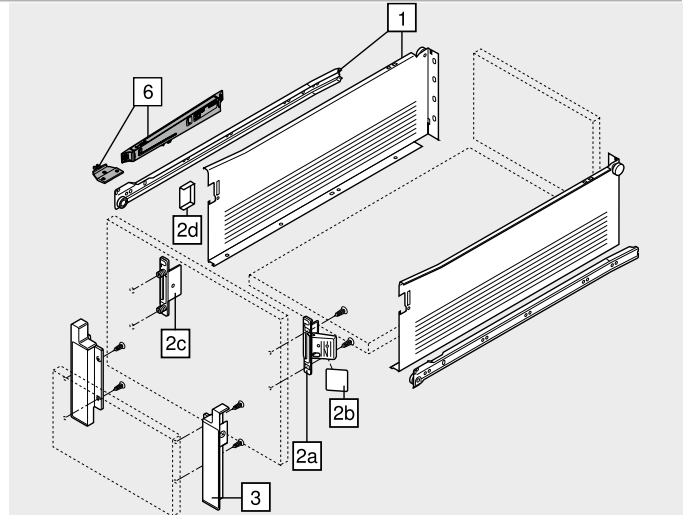
Order left/right

2d	Cover caps for 2c	Part no.
	Colour R9001 Material Nylon 2 x	ZAA.3500

Cover caps, plain or printed with Blum logo, starting at 1000 pcs. individually printed

3	Front fixing for inner drawers	Part no.
	Colour R9001 Material Nylon	ZIF.3050

Order left/right



6	BLUMOTION for METABOX 320	Part no.
	Colour WGR/R9001 Material Nylon	Z70.0320

Other colours available for latch upon request (white or grey)

Colour	R9001 RAL 9001 cream	Colour	WGR White grey
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Drawer | inner drawer – H

Web-code	Drawer	DQCMFY
	Inner drawer	DQCP9A

Planning

Space requirement in cabinet	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO knock-in	Installation dimensions – back
<p>* +2 mm with BLUMOTION</p> <p>* +3 mm for inner drawer with BLUMOTION</p>	<p>Drawer</p> <p>Inner drawer</p> <p>FA Front overlay</p> <p>* +2 mm with BLUMOTION</p> <p>* +3 mm for inner drawer with BLUMOTION</p>	<p>Drawer</p> <p>* +2 mm with BLUMOTION</p> <p>* +3 mm for inner drawer with BLUMOTION</p>	

Hole spacing – cabinet profiles

Nominal length NL (mm)	Hole spacing (mm)
350	128
400	128
450	128
500	128
550	128

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

<p>B</p> <p>Back</p> <p>135 mm</p> <p>LW – 31 mm</p>	
<p>A</p> <p>Base</p> <p>Drawer</p> <p>NL – 2 mm</p> <p>Inner drawer</p> <p>NL – 18 mm</p> <p>LW – 31 mm</p>	
<p>C</p> <p>Front</p> <p>Inner drawer</p> <p>125 mm</p> <p>LW – 64 mm</p>	

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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High fronted pull-out – gallery – B

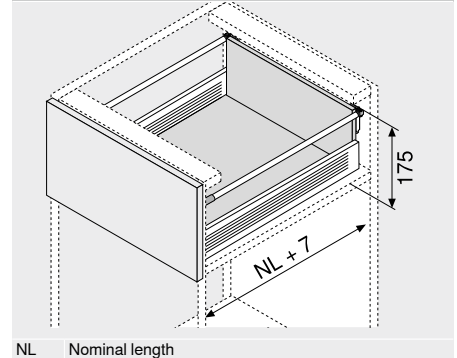
Webcode

DQCPYM



- With simple gallery
- Single extension
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 3-dimensional front adjustment

Space requirement



Order information

1	Cabinet profiles and drawer sides left/right		
	Drawer side height (mm)	86	
	Colour	R9001	
Nominal length	Version		
NL (mm)	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 bracket		
	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

Cover caps, plain, starting at 1000 pcs individually printed

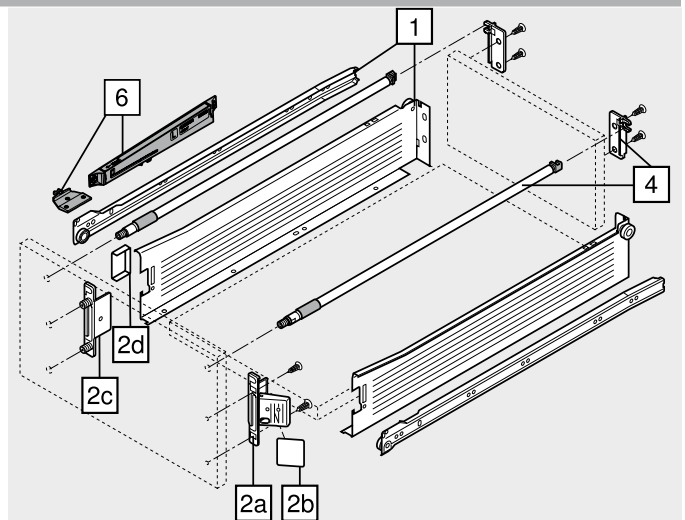
Alternative to 2a			
2c	Standard front fixing bracket		
	Fixing method	Part no.	
	Screw-on	ZSF.1700	
	Knock-in	ZSF.1800	

Order left/right

2d	Cover caps for 2c		
	Colour	Material	Part no.
	R9001	Nylon	2 x ZAA.3500

Cover caps, plain or printed with Blum logo, starting at 1000 pcs. individually printed

4	Longside gallery rails with back fixing left/right		
	Nominal length	Colour	
	NL (mm)	R9001	
	350	ZRE.321S.ID	
	400	ZRE.371S.ID	
	450	ZRE.421S.ID	
	500	ZRE.471S.ID	
	550	ZRE.521S.ID	



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

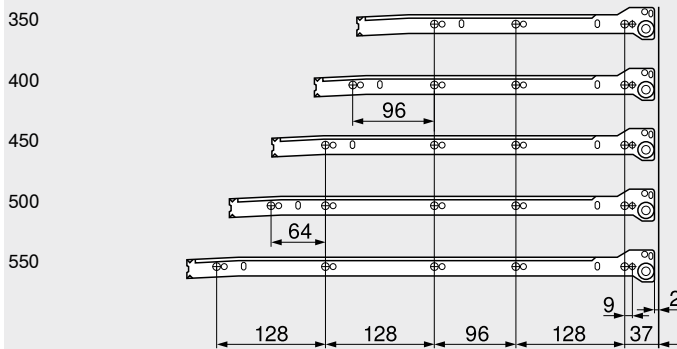
Webcode
DQCPYM

Planning

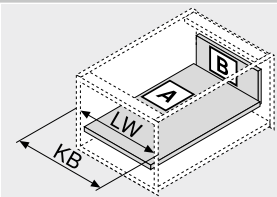
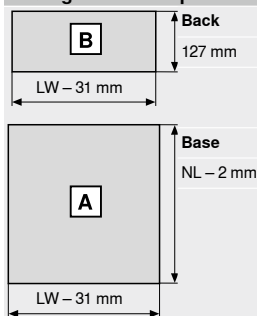
Space requirement in cabinet	Installation dimensions – front – screw-on	Drilling distances – front – EXPANDO knock-in	Installation dimensions – back
* +2 mm with BLUMOTION	FA Front overlay * +2 mm with BLUMOTION	* +2 mm with BLUMOTION	

Hole spacing – cabinet profiles

Nominal length NL (mm)

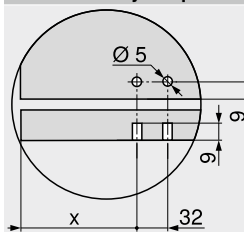


Cutting – 16 mm chipboard



KB Cabinet width
LW Internal cabinet width
NL Nominal length

Base assembly for quick assembly version



	X (mm)
High fronted pull-out	69

High fronted pull-out

Internal cabinet depth LT min. = nominal length NL + 7 mm

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Accessories – ORGA-LINE – gallery	373	
Cabinet profile fixing positions	375	
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- ▶ METABOX
- ▶▶ Single extension

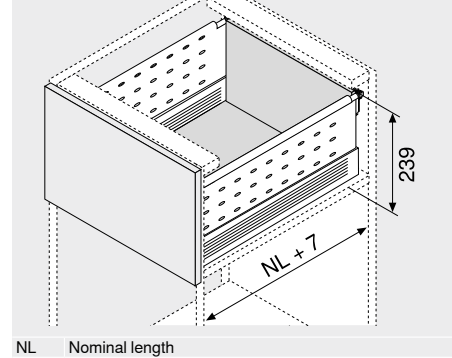
High fronted pull-out – gallery – D

Webcode
DQCQNY



- With simple gallery
- Single BOXSIDE system possible
- Single extension
- High impact nylon rollers
- Dyn. load bearing 25 kg
- BLUMATIC self closing feature
- 3-dimensional front adjustment

Space requirement



Box systems

Order information

1	Cabinet profiles and drawer sides left/right	
	Drawer side height (mm)	86
	Colour	R9001
Nominal length	Version	
NL (mm)	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 bracket	
	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
	R9001	Nylon
		Part no.
		ZAA.3700

Order left/right

Cover caps, plain, starting at 1000 pcs individually printed

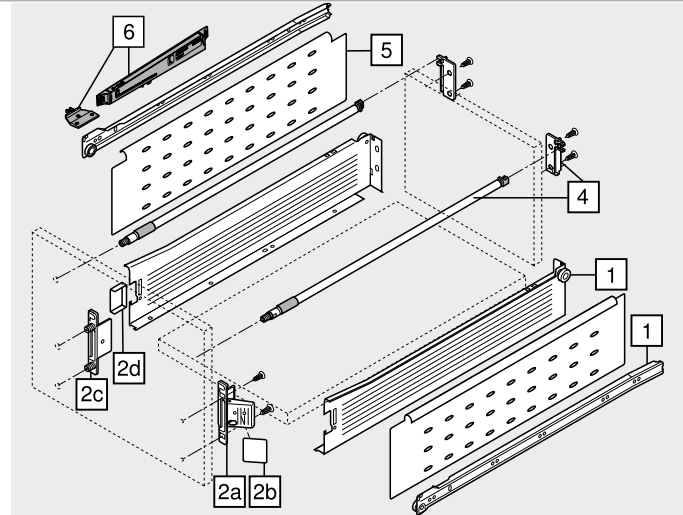
Alternative to 2a		
2c	Standard front fixing bracket	
	Fixing method	Part no.
	Screw-on	ZSF.1700
	Knock-in	ZSF.1800

Order left/right

2d	Cover caps for 2c	
	Colour	Material
	R9001	Nylon
		Part no.
		ZAA.3500

Cover caps, plain or printed with Blum logo, starting at 1000 pcs. individually printed

4	Longside gallery rails with back fixing left/right	
	Nominal length	Colour
	NL (mm)	R9001
350	ZRE.321S.ID	
400	ZRE.371S.ID	
450	ZRE.421S.ID	
500	ZRE.471S.ID	
550	ZRE.521S.ID	



Accessories		
5	Single-wall BOXSIDE	
	Nominal length	Colour
	NL (mm)	R9001
400	2 x	Z36H367SE01
450	2 x	Z36H417SE01
500	2 x	Z36H467SE01
550	2 x	Z36H517SE01

6	BLUMOTION for METABOX 320	
	Colour	Material
	WGR/R9001	Nylon
		Part no.
		Z70.0320

Other colours available for latch upon request (white or grey)

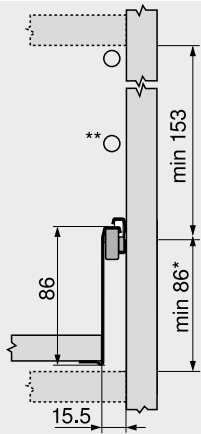
Colour	Colour
R9001 RAL 9001 cream	WGR White grey

High fronted pull-out – gallery – D

Webcode
DQCQNY

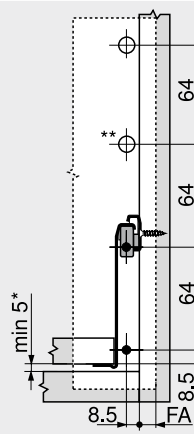
Planning

Space requirement in cabinet



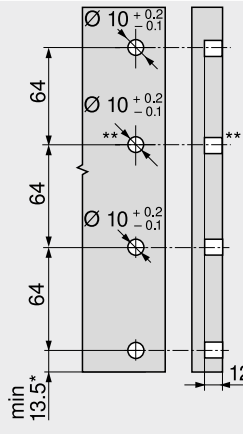
* +2 mm with BLUMOTION
** With double gallery

Installation dimensions – front – screw-on



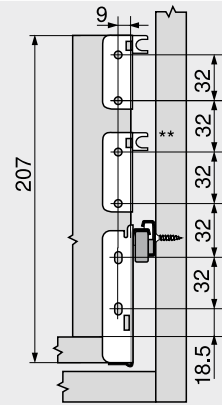
FA Front overlay
* +2 mm with BLUMOTION
** With double gallery

Drilling distances – front – EXPANDO | knock-in



* +2 mm with BLUMOTION
** With double gallery

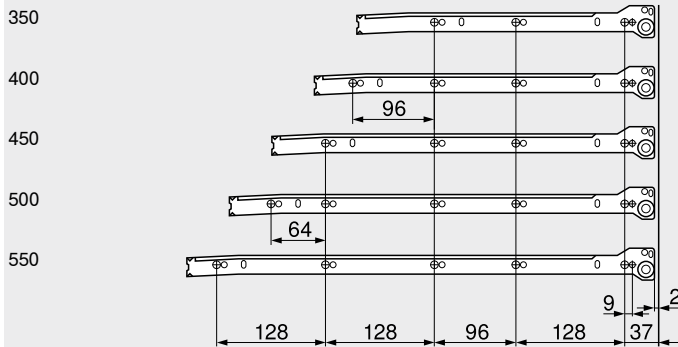
Installation dimensions – back



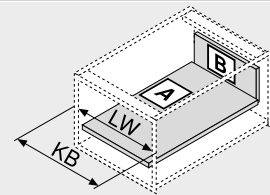
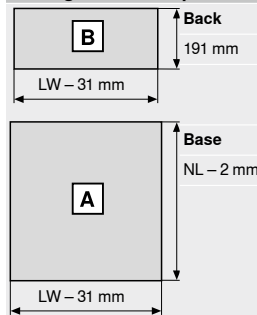
** With double gallery

Hole spacing – cabinet profiles

Nominal length NL (mm)

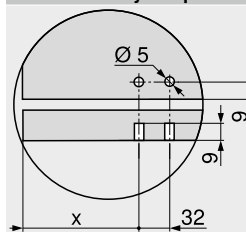


Cutting – 16 mm chipboard



KB Cabinet width
LW Internal cabinet width
NL Nominal length

Base assembly for quick assembly version



	X (mm)
High fronted pull-out	69

High fronted pull-out

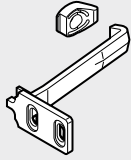
Internal cabinet depth LT min. = nominal length NL + 7 mm

Page instructions

Overview – METABOX	353	Assembly, removal and adjustment
Accessories	368	
BLUMOTION for METABOX 320	371	Short-URL www.blum.com/a390
Accessories – ORGA-LINE – gallery	373	
Accessories – ORGA-LINE – BOXSIDE	374	
Cabinet profile fixing positions	375	
Overview – assembly devices	561	
More technical details	662	



Child safety latch



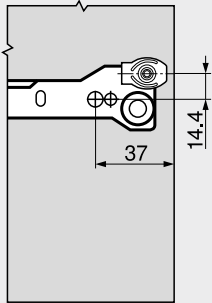
- To prevent small children from opening the drawer
- Colour: natural coloured
- Material: nylon

Order information

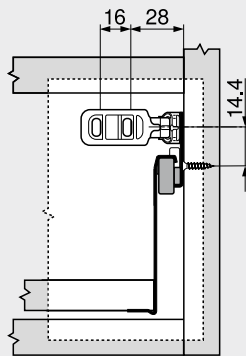
	Description	Part no.
	Child safety latch 320	295.5501
	Lock-out stop 320	320M0009.01

Planning

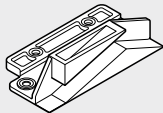
Installation dimensions – cabinet – 320



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)
- Colour: RAL 9001 cream
- Material: nylon

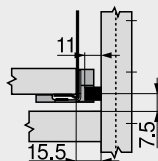
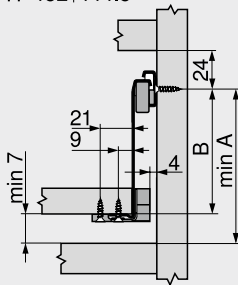
Order information

Description	Part no.
Anti-tilt device	295.5300

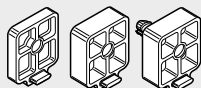
Planning

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
- Colour: RAL 9001 cream
- Material: nylon

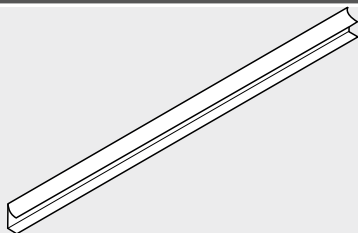
Order information

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
- Colour: RAL 9001 cream
- Material: nylon

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

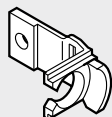


- To prevent accidental removal of drawer specially for cutlery or machine/appliance pull-outs
- For single extension
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Lock-out stop 320	320M0009.01

POSISTOP 320

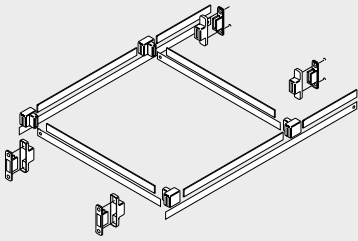


- Stop in runner system
- Developed to relieve pressure on the drawer front
- For single extension
- Produces either a 1.5 or 3 mm gap
- Symmetrical
- Colour: natural coloured
- Material: nylon

Order information

Front gap FS (mm)	Part no.
1.5	298.3210.01
3.0	298.3230.01

METAFILE – file drawer



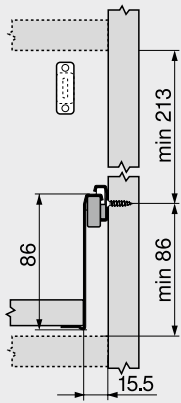
- For tilt adjustment, high fronted pull-out, height B with gallery
- Nominal length NL 450–550 mm
- Cabinet width KB 275–600 mm
- Colour: RAL 9001 cream
- Material: nylon/steel

Order information

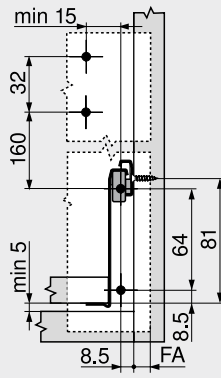
Description	Part no.
METAFILE – file drawer	ZRM.5500

Planning

Space requirement in cabinet

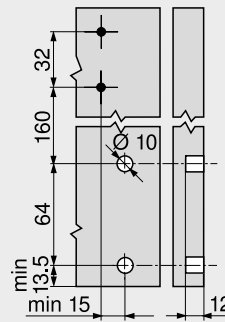


Installation dimensions – front – screw-on

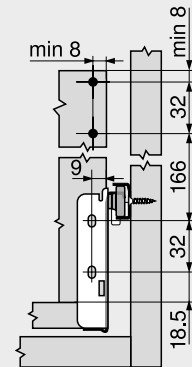


FA Front overlay

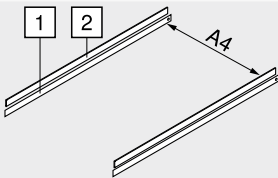
Drilling distances – front – EXPANDO | knock-in



Installation dimensions – back



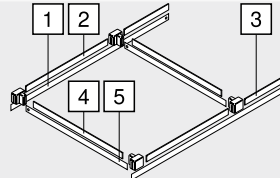
Cutting – DIN-A4 across



Internal cabinet width LW min. 376 mm

- 1 Nominal length NL – 28 mm
- 2 Nominal length NL – 53 mm

Cutting – DIN-A4 lengthwise



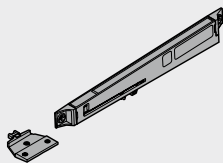
Nominal length NL min. 500 mm

- 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	353	More technical details	662
High fronted pull-out – gallery – B	364		
Overview – assembly devices	561		

BLUMOTION for METABOX 320



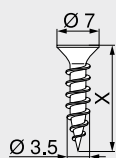
- For single extension
- Dyn. load bearing 25 kg
- Only one BLUMOTION unit required up to cabinet width KB 900 mm
- Colour: BLUMOTION: white grey; latch: RAL 9001 cream
- Other colours available for latch upon request (white or grey)
- Material: nylon

Order information

Description	Part no.
BLUMOTION for METABOX 320	770.0320

Chipboard screws

Ø 3.5 mm



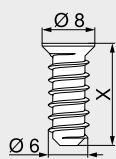
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
15.0	609.1500
17.0	609.1700

System screws

Ø 6.0 mm



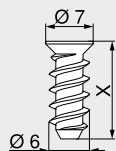
- Ø 6 mm
- Drilling diameter Ø 5 mm
- Colour: nickel plated
- Material: steel

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
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
11.5	662.1150.HG
13.0	662.1300.HG
14.5	662.1450.HG

Centre bit

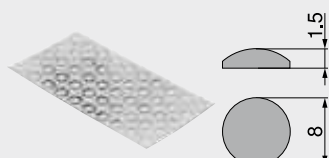


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer



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

Order information

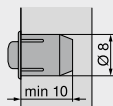
Description	Part no.
Stick-on door buffer	993.710

Box systems

 blum

- ▶ METABOX
- ▶▶ Accessories

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

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
- Colour: black/orange
- Material: nylon/steel

Order information

Description	Part no.
Pozidrive screwdriver	303.756.1

Slotted screwdriver

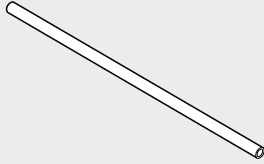


- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Colour: black/orange
- Material: nylon/steel

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
- Colour: RAL 9001 cream
- Material: aluminium

Order information

Description	Part no.
Cross gallery rails for cutting to size	ZRG.1104U
Cutting	
Internal cabinet width LW – 58 mm	

Cross gallery connector

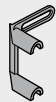


- Cross gallery connector for two cross gallery rails
- Slide-on connection of gallery to gallery fixing
- Insertion and screw-on fixing
- Colour: RAL 9001 cream
- Material: nylon

Order information

Description	Part no.
Cross gallery connector	ZRU.00Z0

Lateral divider



- Gallery division
- Clip-on fixing to gallery
- Colour: RAL 9001 cream
- Material: nylon

Order information

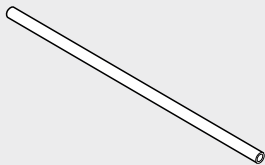
Description	Part no.
Lateral divider	ZRU.00F0

Box systems



- ▶ **METABOX**
- ▶▶ **Accessories – ORGA-LINE – BOXSIDE**

Cross gallery rails for cutting to size

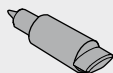


- For cutting to size, 1104 mm
- Suitable for cabinet width KB 1200 mm
- Colour: RAL 9001 cream
- Material: aluminium

Order information

Description	Part no.
Cross gallery rails for cutting to size	ZRG.1104U
Cutting	
Internal cabinet width LW – 65 mm	

Gallery connector

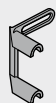


- Clip-on to gallery
- Connects the cross gallery with BOXSIDE
- Colour: RAL 9001 cream
- Material: nylon/steel

Order information

Description	Part no.
Gallery connector	ZRU.10B1E

Lateral divider

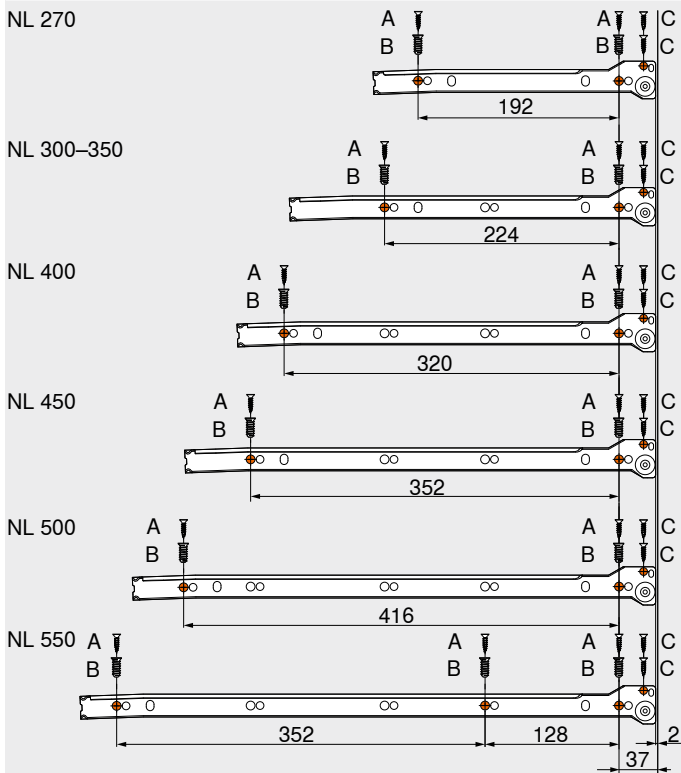


- Gallery division
- Clip-on fixing to gallery
- Colour: RAL 9001 cream
- Material: nylon

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 System screws, part no. 661.1450.HG
- C Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500



Smooth running action 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

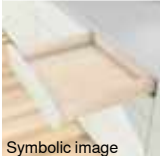


Simple. Proven. Economical.

STANDARD, proven roller runner and reliable technology. A comprehensive programme is covered by just a few components



▶ **MOVENTO**



▶ MOVENTO	378
▶▶ Overview	379
▶▶ Accessories	386
▶▶ Attachment of runners	394

Symbolic image

▶ **TIP-ON BLUMOTION for MOVENTO**



▶ TIP-ON BLUMOTION for MOVENTO	396
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▶▶ Attachment of runners	400

Symbolic image

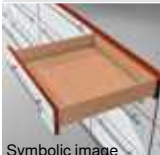
▶ **TIP-ON for MOVENTO**



▶ TIP-ON for MOVENTO	402
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Symbolic image

▶ **TANDEM**



▶ TANDEM	408
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▶▶ Attachment of runners	452

Symbolic image

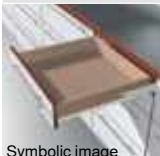
▶ **SERVO-DRIVE for MOVENTO | TANDEM**



▶ SERVO-DRIVE for MOVENTO TANDEM	454
▶▶ Overview	455
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Symbolic image

▶ **STANDARD**

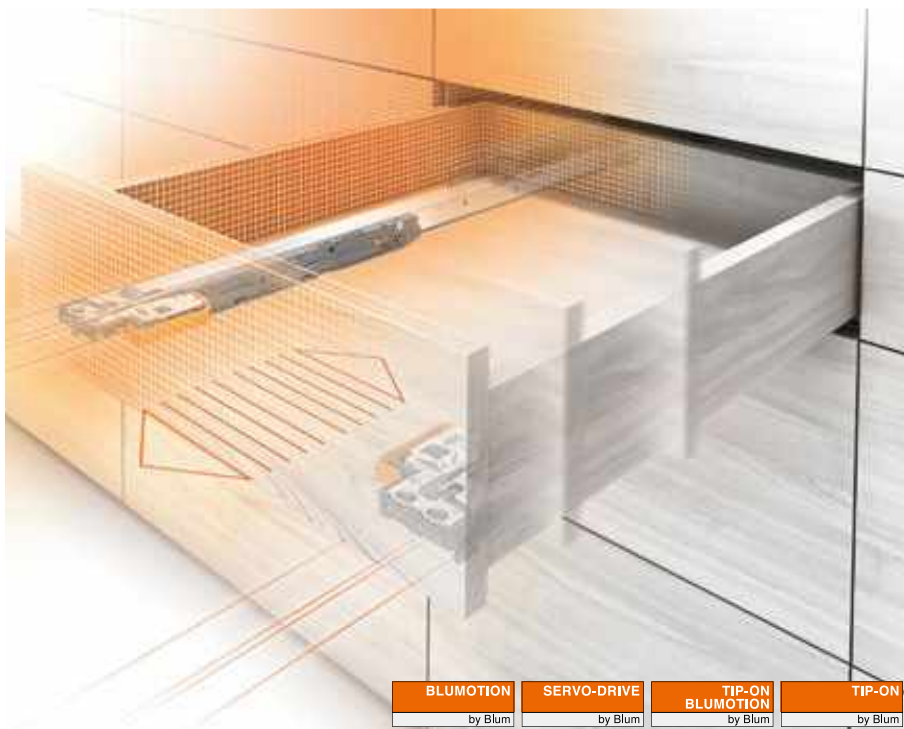


▶ STANDARD	488
▶▶ Overview	489
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▶▶ Attachment of runners	498

Symbolic image

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.



Runner systems



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 and 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



Pull-out shelf lock

The locking system ensures the pull-out shelf remains secure when extended. No wobbling or sliding – even when kitchen appliances are used on it

Runner systems

Overview – runner systems	377
▶ TIP-ON BLUMOTION for MOVENTO	396
▶ TIP-ON for MOVENTO	402
▶ TANDEM	408
▶ SERVO-DRIVE for MOVENTO TANDEM	454
▶ STANDARD	488

Applications

	kg	BLUMOTION by Blum	SERVO-DRIVE by Blum	TIP-ON BLUMOTION by Blum	TIP-ON by Blum	Webcode	Page
▶▶ Locking device feature – full extension							
	MOVENTO with BLUMOTION 760H 766H	40 60	●	○	○	–	
	MOVENTO with BLUMOTION 760H – cabinet underside fixing – drawer	40	●	○	○	–	DQCZ3Y 380
	MOVENTO with BLUMOTION 760H – cabinet underside fixing – pull-out shelf	40	●	○	○	–	DQGWJY 382
							DQGX9A 384

kg Dynamic carrying capacity ● Integrated ○ Optional – Not possible

▶▶ Accessories

	Pull-out shelf lock	386	Gallery rail for pull-out shelf corner connectors	390
	Side stabilisation set	388	Lock-open stop	391
	Depth adjustment	388	Screws	392
	Longside gallery rails with back fixing	389	Centre bit	392
	Back fixing bracket for pull-out shelf	389	Door buffer	392
	Corner connectors	390	Screwdriver	393

▶▶ Attachment of runners

	Runner 760H – 40 kg	394
	Runner 766H – 60 kg	394
	Runner 760H – 40 kg – cabinet underside fixing	395

▶▶ Assembly, removal and adjustment

	Assembly, removal and adjustment	
	Short-URL www.blum.com/a410	

Pictograph

	Item Available Upon Request
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- ▶ **MOVENTO**
- ▶▶ **Locking device feature – full extension**

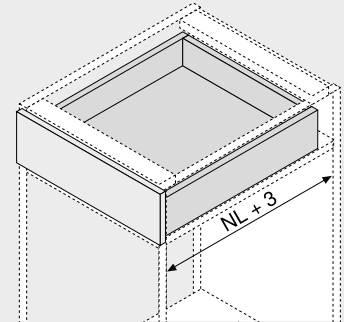
MOVENTO with BLUMOTION 760H | 766H

Webcode
DQCZ3Y



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- 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

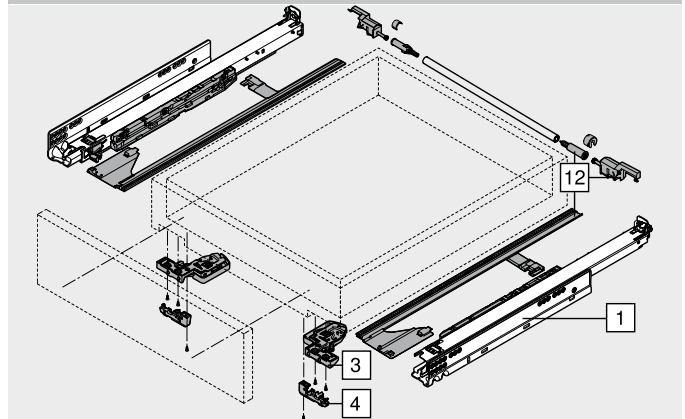
Order information

1	Runners left/right	
	BLUMOTION S	
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
	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		
	Colour	Material	Part no.
	Orange	Nylon/steel	T51.7601

Order left/right

Drawer



Accessories

4	Depth adjustment left/right		
	Colour	Material	Part no.
	RAL 7037 dust grey	Nylon	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		Drawer inner drawer	Drawer	Inner drawer
Space requirement in cabinet				
* +1 mm for assembly of the runners prior to cabinet assembly	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	SKL Drawer length NL Nominal length * Additional +12 mm with side stabilisation	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +3 mm with depth adjustment	

Hole spacing – runners

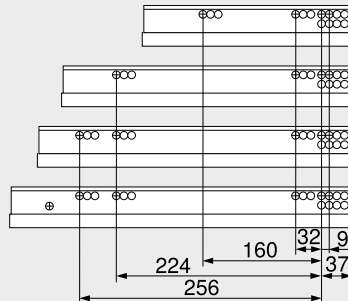
Runner 760H – 40 kg
 Nominal length NL (mm)

250 | 270

300 | 320 | 350

380 | 400 | 420 | 450 |
 480 | 500 | 520

550 | 600



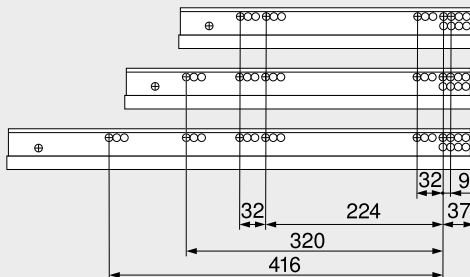
Runner 766H – 60 kg

Nominal length NL (mm)

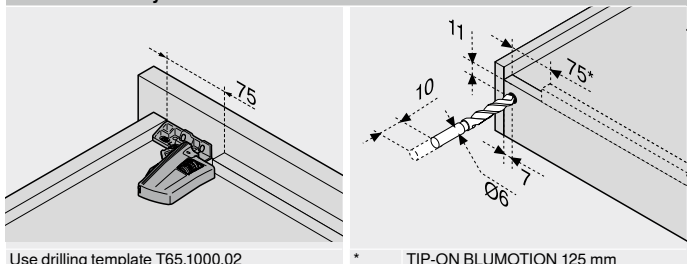
450

500 | 520 | 550 |
 580 | 600

650 | 700 | 750



Drawer assembly



Use drilling template T65.1000.02

* TIP-ON BLUMOTION 125 mm

Page instructions

Overview – MOVENTO	379	Attachment of runners	394	Assembly, removal and adjustment	
Overview – TIP-ON BLUMOTION for MOVENTO	397	Overview – assembly devices	561		
Overview – TIP-ON for MOVENTO	403	More technical details	662		
Overview – TIP-ON for MOVENTO TANDEM	455			Short-URL	
CABLOXX	552			www.blum.com/a410	
Accessories	387				



- ▶ **MOVENTO**
- ▶▶ **Locking device feature – full extension**

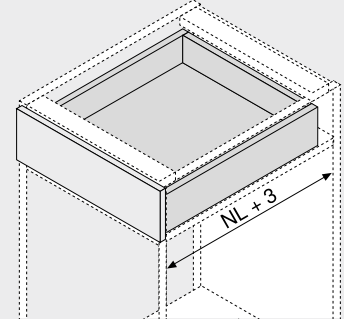
MOVENTO with BLUMOTION 760H – cabinet underside fixing – drawer

Webcode
DQGWJY



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- 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

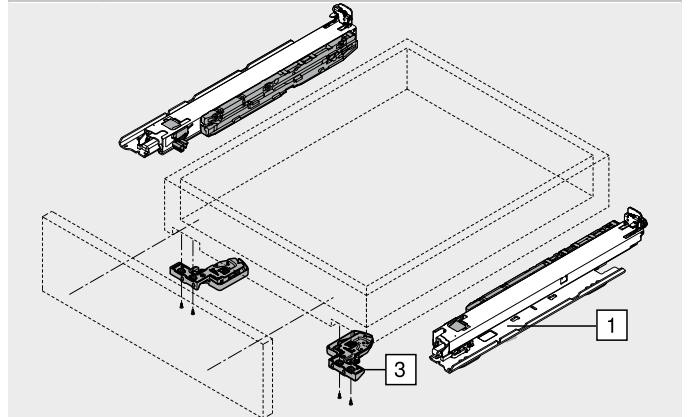


NL Nominal length

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		
	Colour	Material	Part no.
Order left/right	Orange	Nylon/steel	T51.7601

Base fixing



MOVENTO with BLUMOTION 760H – cabinet underside fixing – drawer

Webcode
 DQGWJY

Planning

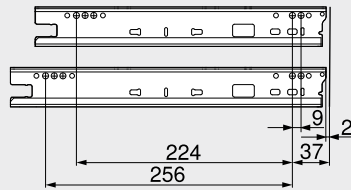
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
	<p>SKW Internal drawer width LW Internal cabinet width ** Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal width of the drawer SKW</p>	<p>SKL Drawer length NL Nominal length</p>	<p>ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness</p>

Hole spacing – runners

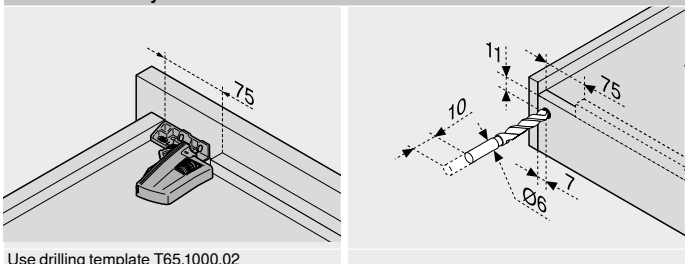
Nominal length NL (mm)

350 | 400 | 450

500



Drawer assembly



Use drilling template T65.1000.02

Page instructions

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- ▶ **MOVENTO**
- ▶▶ **Locking device feature – full extension**

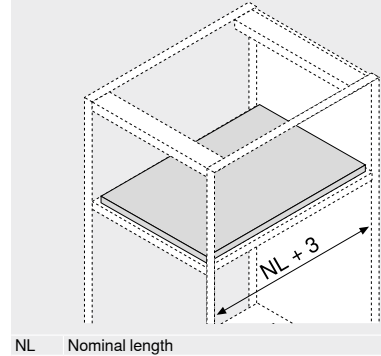
MOVENTO with BLUMOTION 760H – cabinet underside fixing – pull-out shelf

Webcode
DQGX9A



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- 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



Order information

1		Runners for base fixing left/right
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
350	760H3500SU	
400	760H4000SU	
450	760H4500SU	
500	760H5000SU	

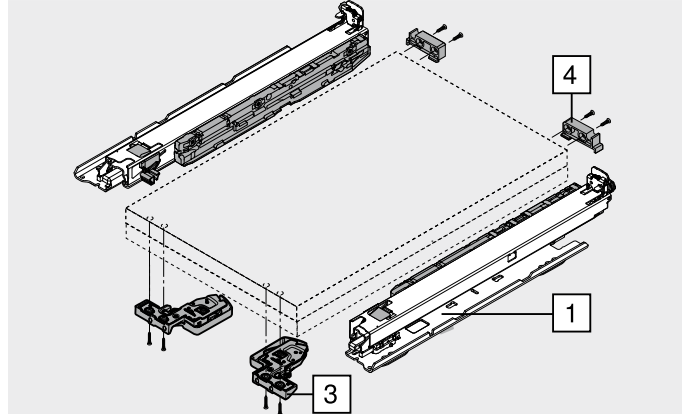
3		Locking device left/right
Colour	Material	Part no.
Orange	Nylon/steel	T51.7601

Order left/right

Accessories

4		Back fixing bracket for pull-out shelf
Colour	Material	Part no.
Natural	Nylon	T51.7000.01

Base fixing



MOVENTO with BLUMOTION 760H – cabinet underside fixing – pull-out shelf

Webcode
 DQGX9A

Planning

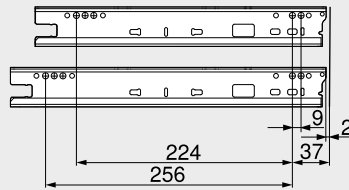
Space requirement in cabinet	Pull-out shelf	Pull-out shelf	POS inset application
	<p>LTW Underside width LW Internal cabinet width ** Limited side adjustment for a POS side panel thickness of 16 mm, but with full tolerance utilisation of the underside width LTW</p>	<p>TL Shelf length NL Nominal length 1 Rear fixing bracket</p>	<p>TL Shelf length NL Nominal length X Pull-out shelf front piece thickness 1 Rear fixing bracket</p>

Hole spacing – runners

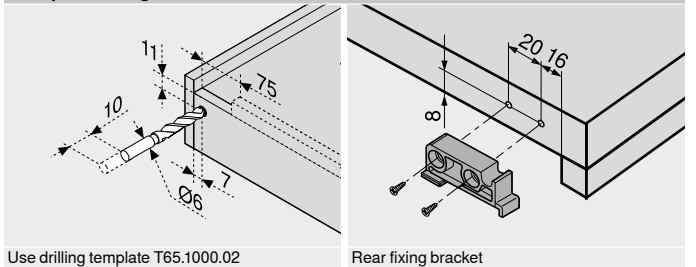
Nominal length NL (mm)

350 | 400 | 450

500



POS processing



Use drilling template T65.1000.02

Rear fixing bracket

Page instructions

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Overview – SERVO-DRIVE for MOVENTO TANDEM	455			
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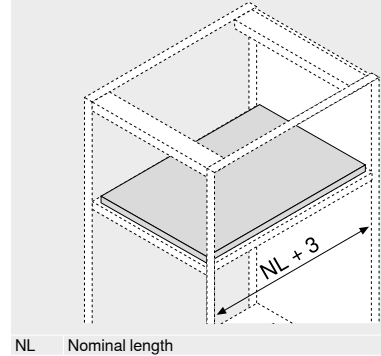


Pull-out shelf lock



- Can be used with **MOVENTO full extensions**
- Cannot be used with runners for base mounting
- Can be combined with **BLUMOTION**, **TIP-ON BLUMOTION** and **TIP-ON**
- Two-sided locking mechanism
- Secure hold
- Pull-out shelf lock can be released with one hand thanks to synchronisation shaft
- Easy assembly – fittings serve as template
- Runners are attached to standard fixing positions
- Max. cabinet width 1200 mm

Space requirement



Order information

12	Pull-out shelf lock			
	Runners	Description	Colour	Part no.
	MOVENTO	760H 766H	Orion grey matt	295H5700

Composed of:

12a	2 x Locking mechanism unit			
	Fixing only possible with chipboard screws			
12b	2 x Latching element			
	Fixing possible with chipboard and system screws			
-	1 x Installation instructions			

12c	Synchronisation linkage		
	Version	Length (mm)	Part no.
	Round	1089	ZST.1089W

Pull-out shelf lock can be released with one hand thanks to synchronisation shaft

Cutting Internal cabinet width LW – 87 mm ±1 mm

Alternative to 12c

12c	Synchronisation linkage		
	Version	Length (mm)	Part no.
	Round	1160	ZST.1160W

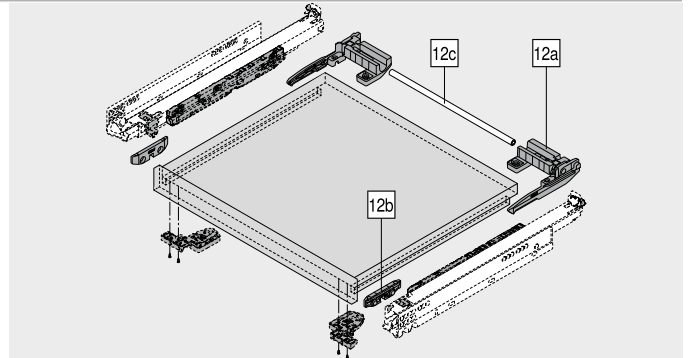
Pull-out shelf lock can be released with one hand thanks to synchronisation shaft

Cutting Internal cabinet width LW – 87 mm ±1 mm

Accessories

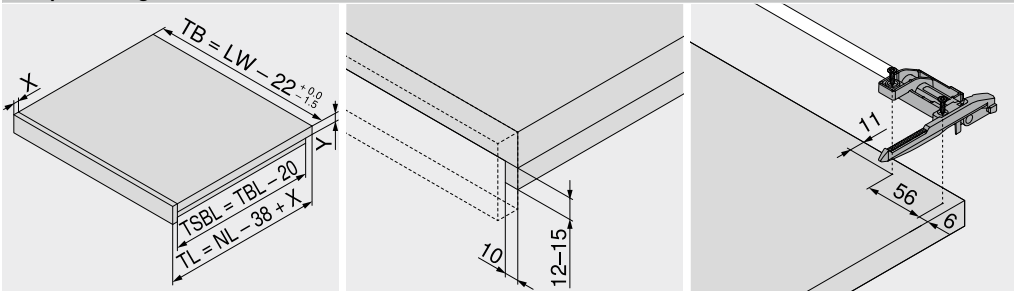
-	Chipboard screws		
	Ø (mm)	Length (mm)	Part no.
	3.5	15	609.1500

-	System screws		
	Ø (mm)	Length (mm)	Part no.
	6	14.5	661.1450.HG



Planning

POS processing



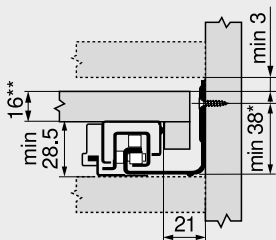
NL	Nominal length
LW	Internal cabinet width
TB	Shelf width
TL	Shelf length
TBL	Pull-out shelf base length
TSBL	Pull-out shelf side panel length
X	Pull-out shelf front piece thickness
Y	Pull-out shelf base thickness

Pull-out shelf lock

Planning

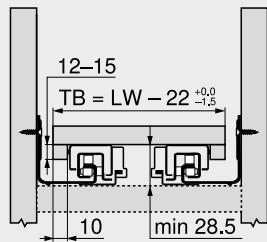
MOVENTO 760H | 766H

Space requirement in cabinet



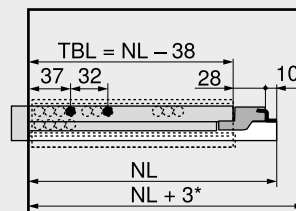
- * +1 mm for assembly of the runners prior to cabinet assembly
- ** Min. 25 mm when installed in compartment

Pull-out shelf



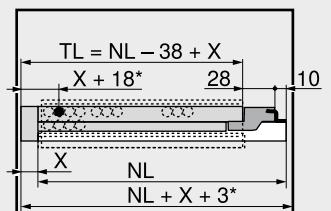
- TB Shelf width
 - LW Internal cabinet width
- Limited side adjustment

Pull-out shelf



- TBL Pull-out shelf base length
- NL Nominal length
- * Additional +12 mm with side stabilisation

POS inset application



- TL Shelf length
- NL Nominal length
- X Pull-out shelf front piece thickness
- * Additional +3 mm with depth adjustment or additional +4 mm with TIP-ON

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Pull-out shelf lock

Short-URL
www.blum.com/i010

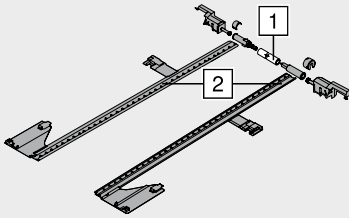


Assembly, removal and adjustment

Short-URL
www.blum.com/a410



Side stabilisation set



- For cutting to size
- Suitable for cabinet width KB 1400 mm
- Compatible with all MOVENTO motion technologies
- Colour: RAL 7037 dust grey
- Material: nylon

Order information

Nominal length NL (mm)	Part no.
Up to 400	ZS7M400MU
Up to 600	ZS7M600MU
Up to 750	ZS7M750MU

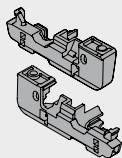
Cutting

1	Internal cabinet width LW – 315 mm
2	Nominal length NL + 10 mm

Planning

Space requirement in cabinet	Drawer	Space requirement in cabinet	Pull-out shelf
<p>* +1 mm for assembly of the runners prior to cabinet assembly</p>	<p>SKL Drawer length NL Nominal length * Additional +12 mm with side stabilisation</p>	<p>Pull-out shelf lock * +1 mm for assembly of the runners prior to cabinet assembly ** Min. 25 mm when installed in compartment</p>	<p>Pull-out shelf lock TBL Pull-out shelf base length NL Nominal length * Additional +12 mm with side stabilisation</p>

Depth adjustment



- Only for inset applications
- Integrated SERVO-DRIVE bumper
- Suitable for T51.7601 locking device
- Left/right
- Colour: RAL 7037 dust grey
- Material: nylon

Order information

Description	Part no.
Depth adjustment	298.7600

Assembly

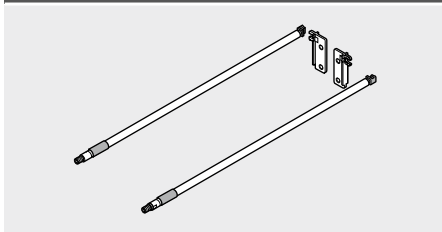
Assembly, removal and adjustment



Short-URL

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Longside gallery rails with back fixing



- Colour: chrome plated
- Material: aluminium

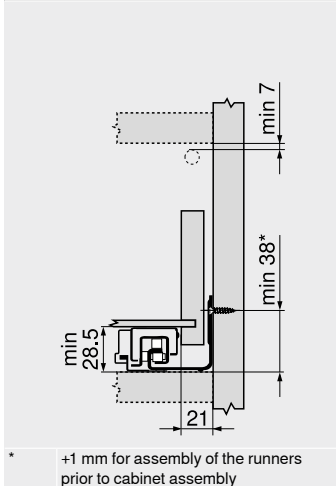
Order information

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		

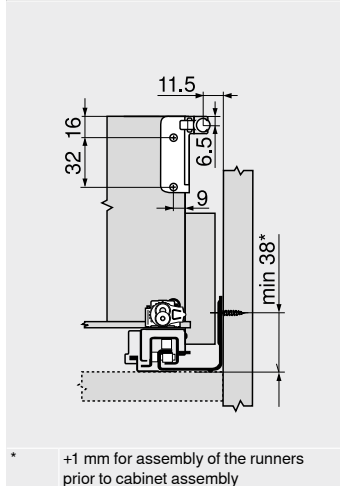
NL Nominal length

Planning

Space requirement in cabinet



Installation dimensions – back



Assembly

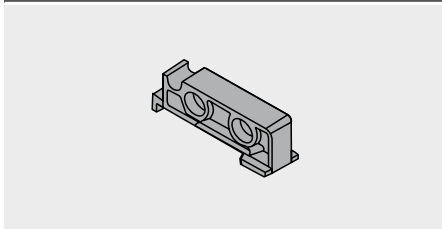
Assembly, removal and adjustment



Short-URL

www.blum.com/a410

Back fixing bracket for pull-out shelf



- Compatible with MOVENTO | TANDEM
- Not required when using pull-out shelf lock
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Back fixing bracket for pull-out shelf	T51.7000.01

Assembly

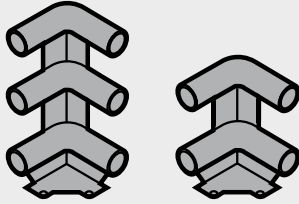
Assembly, removal and adjustment



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Corner connectors



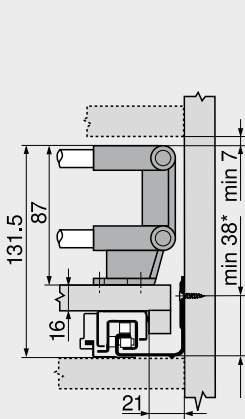
- Colour: RAL 7037 dust grey
- Material: nylon

Order information

Corner connectors	Part no.
2 tier	ZTU.00Z0
3 tier	ZTU.00D0

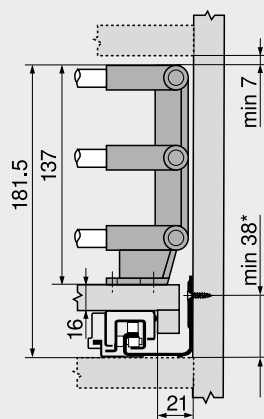
Planning

Space requirement in cabinet With 2 tier gallery



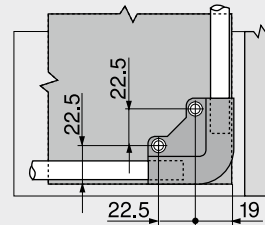
* +1 mm for assembly of the runners prior to cabinet assembly

Space requirement in cabinet With 3 tier gallery

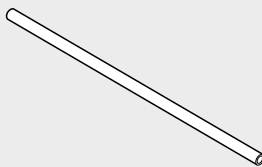


* +1 mm for assembly of the runners prior to cabinet assembly

Installation dimensions – corner connectors



Gallery rail for pull-out shelf corner connectors

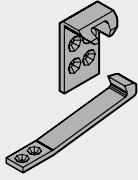


- For cutting to size, 1094 mm
- Suitable for cabinet width KB 1200 mm
- Colour: chrome plated
- Material: aluminium

Order information

Description	Part no.
Gallery rail for pull-out shelf corner connectors	ZRG.1094U
Cutting	
Cabinet width KB – 106 mm	
Nominal length NL – 64 mm	

Lock-open stop



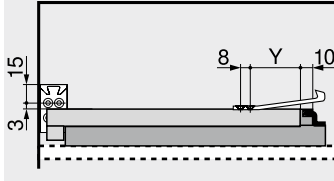
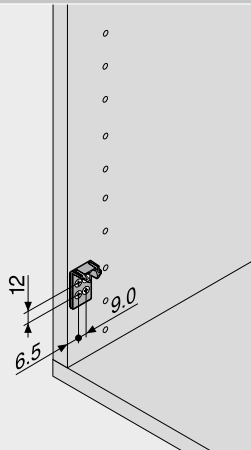
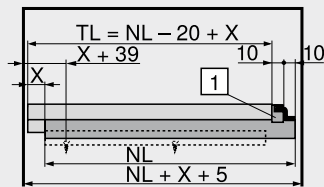
- Colour: white
- Material: nylon

Order information

Description	Part no.
Lock-open stop	295.5600

Planning

Pull-out shelf



Nominal length Y (mm)

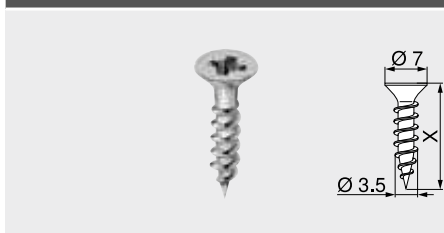
NL (mm)	760H	766H
250	77	-
270	72	-
300	72	-
320	72	-
350	72	-
380	72	-
400	72	-
420	72	-
450	72	72
480	72	-
500	72	72
520	72	72
550	72	72
580	-	72
600	72	72
650	-	72
700	-	72
750	-	72

- TL Shelf length
- NL Nominal length
- X Pull-out shelf front piece thickness
- 1 Rear fixing bracket



Chipboard screws

Ø 3.5 mm



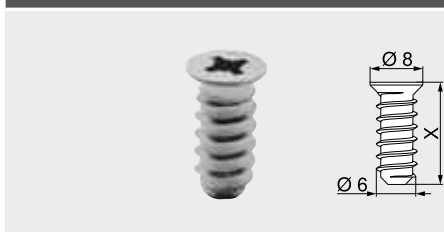
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

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
- Colour: nickel plated
- Material: steel

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

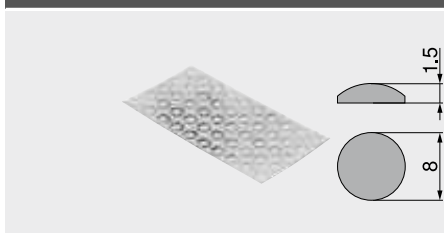


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer

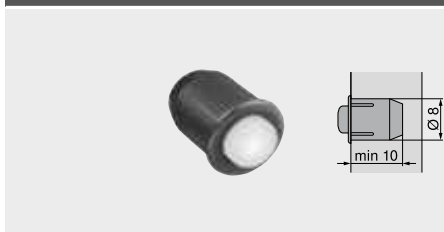


- For noise reduction
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Stick-on door buffer	993.710

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

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
- Colour: black/orange
- Material: nylon/steel

Order information	
Description	Part no.
Pozidrive screwdriver	303.756.1

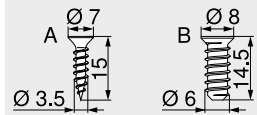
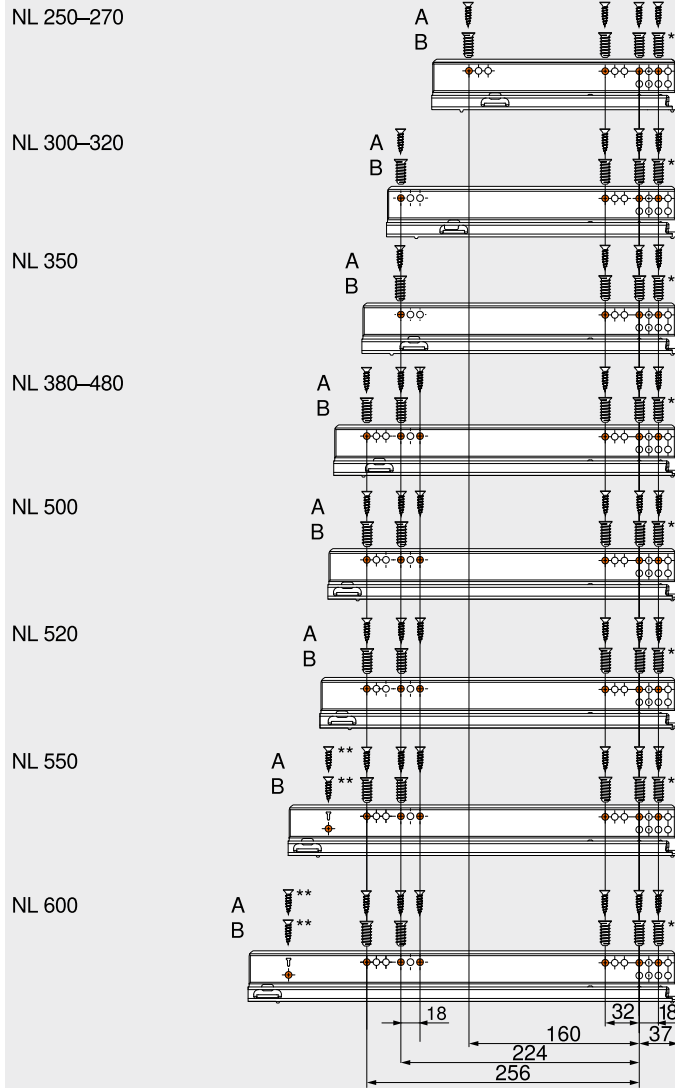
Slotted screwdriver



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

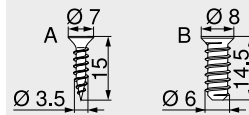
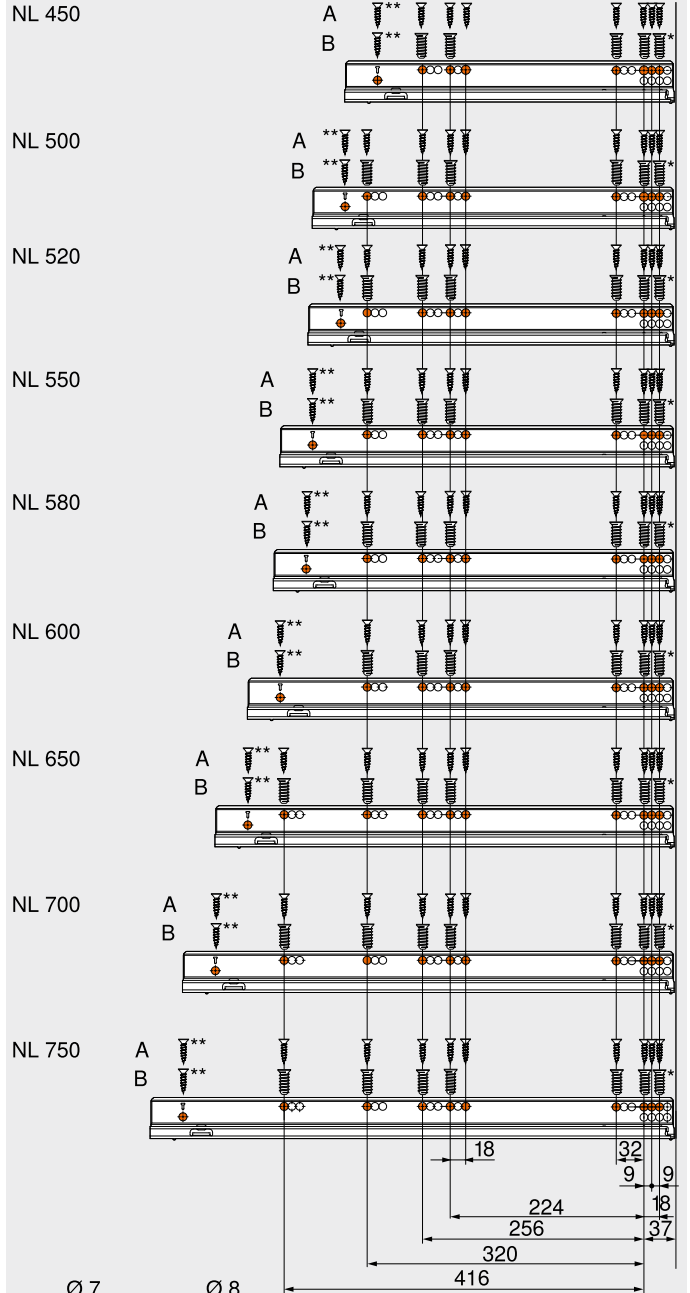
Order information	
Description	Part no.
Slotted screwdriver	314.928.1

Runner 760H – 40 kg



- NL Nominal length
- A Chipboard screws \varnothing 3.5 x 15 mm, part no. 609.1500
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 3.5 x 15 mm
- ** Optional for greater stability

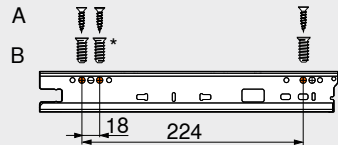
Runner 766H – 60 kg



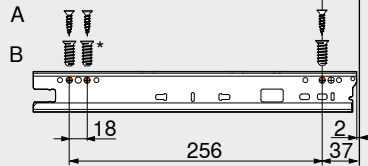
- NL Nominal length
- A Chipboard screws \varnothing 3.5 x 15 mm, part no. 609.1500
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 3.5 x 15 mm
- ** Optional for greater stability

Runner 760H – 40 kg – cabinet underside fixing

NL 350–450

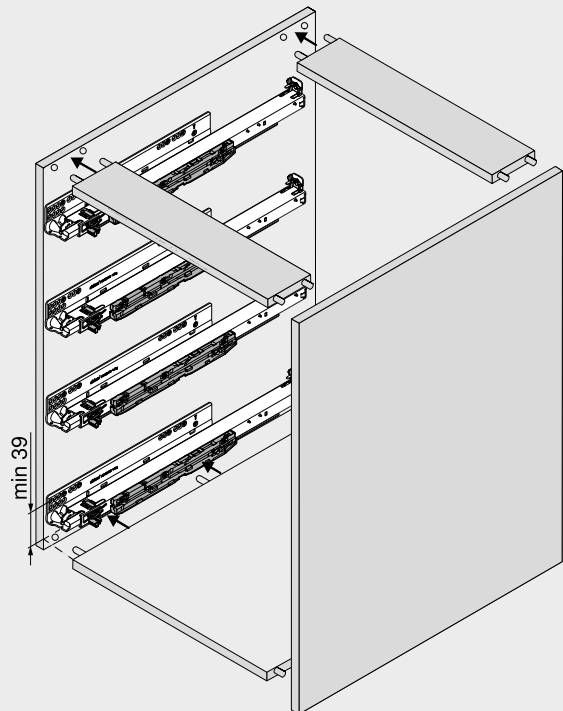
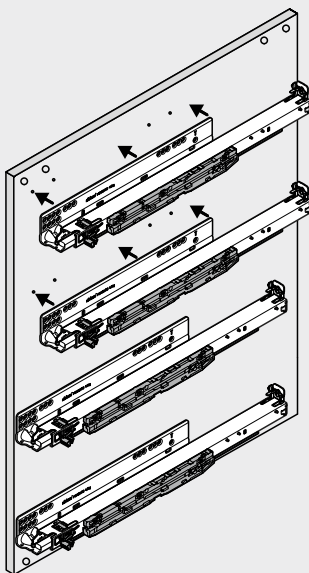


NL 500



- NL Nominal length
- A Chipboard screws Ø 4 x 15 mm
- B System 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

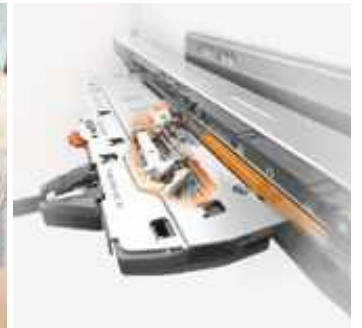


TIP-ON BLUMOTION for MOVENTO combines the advantages of the TIP-ON mechanical opening support system with the reliable BLUMOTION dampening for silent and effortless closing – 100% mechanically.

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.

TIP-ON
BLUMOTION
by Blum

Runner systems

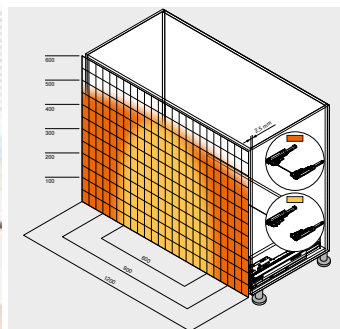


Opens with just a light touch, has a smooth running action and closes silently and effortlessly – experience completely harmonious and convenient motion with TIP-ON BLUMOTION technology

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

Overview – runner systems	377
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▶ TIP-ON for MOVENTO	402
▶ SERVO-DRIVE for MOVENTO TANDEM	454

Symbolic image

Applications	kg	Webcode	Page
▶▶ Locking device feature – full extension			
MOVENTO with TIP-ON BLUMOTION 760H 766H	40 60		
		DQD0IM	398

Symbolic image

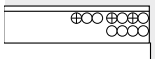
kg Dynamic carrying capacity

▶▶ Accessories

<p>Symbolic image</p>	Pull-out shelf lock	386	Gallery rail for pull-out shelf corner connectors	390
	Side stabilisation set	388	Lock-open stop	391
	Depth adjustment	388	Screws	392
	Longside gallery rails with back fixing	389	Centre bit	392
	Back fixing bracket for pull-out shelf	389	Door buffer	392
	Corner connectors	390	Screwdriver	393

▶▶ Attachment of runners

A	Runner 760H – 40 kg	400
B	Runner 766H – 60 kg	400



Symbolic image

▶▶ Assembly, removal and adjustment

<p>Symbolic image</p>	Assembly, removal and adjustment	
	Short-URL www.blum.com/a460	

Pictograph



Item Available Upon Request



- ▶ TIP-ON BLUMOTION for MOVENTO
- ▶▶ Locking device feature – full extension

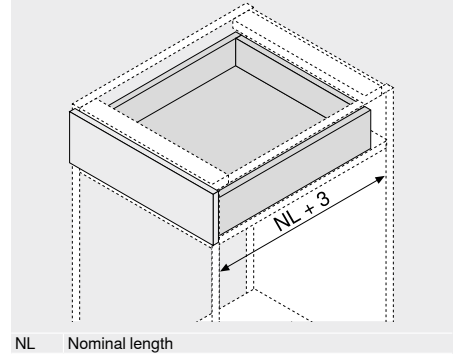
MOVENTO with TIP-ON BLUMOTION 760H | 766H

Webcode
DQD0IM



- Concealed full extension
- Includes integrated, switchable **BLUMOTION S** for silent and effortless closing, and can be combined with **SERVO-DRIVE** or **TIP-ON BLUMOTION**
- 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

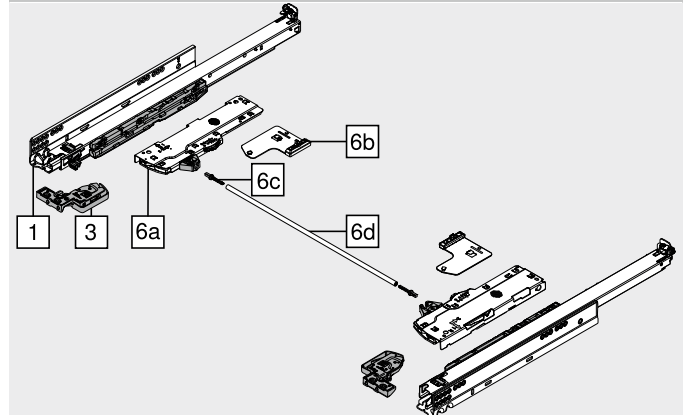


NL Nominal length

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

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

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	

3	Locking device left/right		
Colour	Material	Part no.	
Orange	Nylon/steel	T51.7601	

Order left/right

6	TIP-ON BLUMOTION set				
Nominal length NL (mm)	Unit	Runner (kg)	Weight (kg)	1	Part no.
270–320	S0	40	≤ 10		T60L7040
270–320	S1	40	> 10–20		T60L7140
350–600	L1	40	≤ 20	2	T60L7340
350–600	L3	40	15–40	2	T60L7540
450–750	L5	60	35–60	3	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
- 2 Can only be combined with a 40 kg runner
- 3 Recommendation: only use in combination with 60 kg runner

6d	TIP-ON BLUMOTION synchronisation linkage		
Version	Colour	Part no.	
Round	Grey	T60.1125W	

Suitable up to internal cabinet width LW 1370 mm

Note

To optimise the function and trigger range, we generally recommend using synchronisation

Cutting Internal cabinet width LW – 267 mm

MOVENTO with TIP-ON BLUMOTION 760H | 766H

Webcode
 DQD0IM

Planning		Drawer inner drawer	Drawer	Inner drawer
Space requirement in cabinet				
* +1 mm for assembly of the runners prior to cabinet assembly	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	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness	

Hole spacing – runners

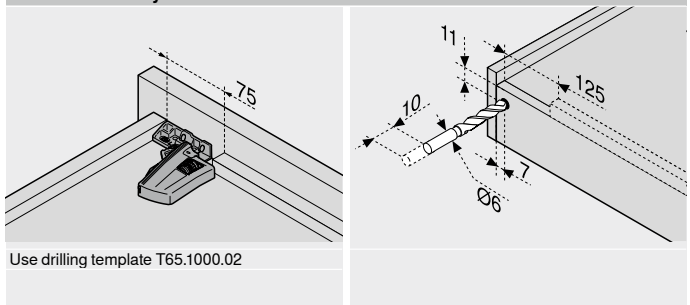
Runner 760H – 40 kg
 Nominal length NL (mm)

270	
300 320 350	
380 400 420 450 480 500 520	
550 600	

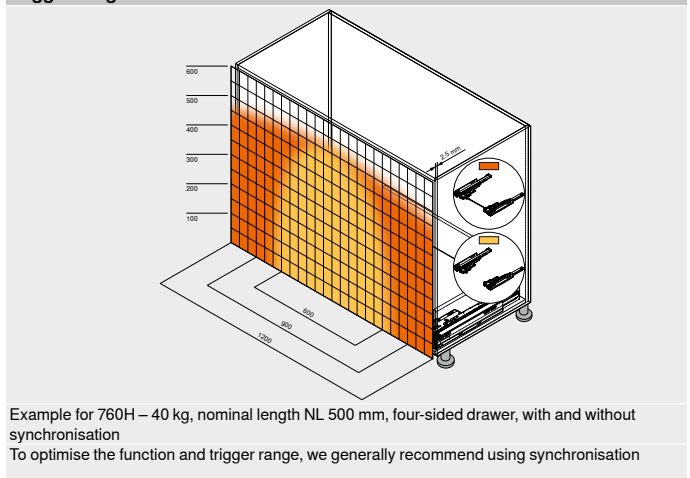
Runner 766H – 60 kg
 Nominal length NL (mm)

450	
500 520 550 580 600	
650 700 750	

Drawer assembly



Trigger range



Page instructions

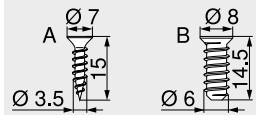
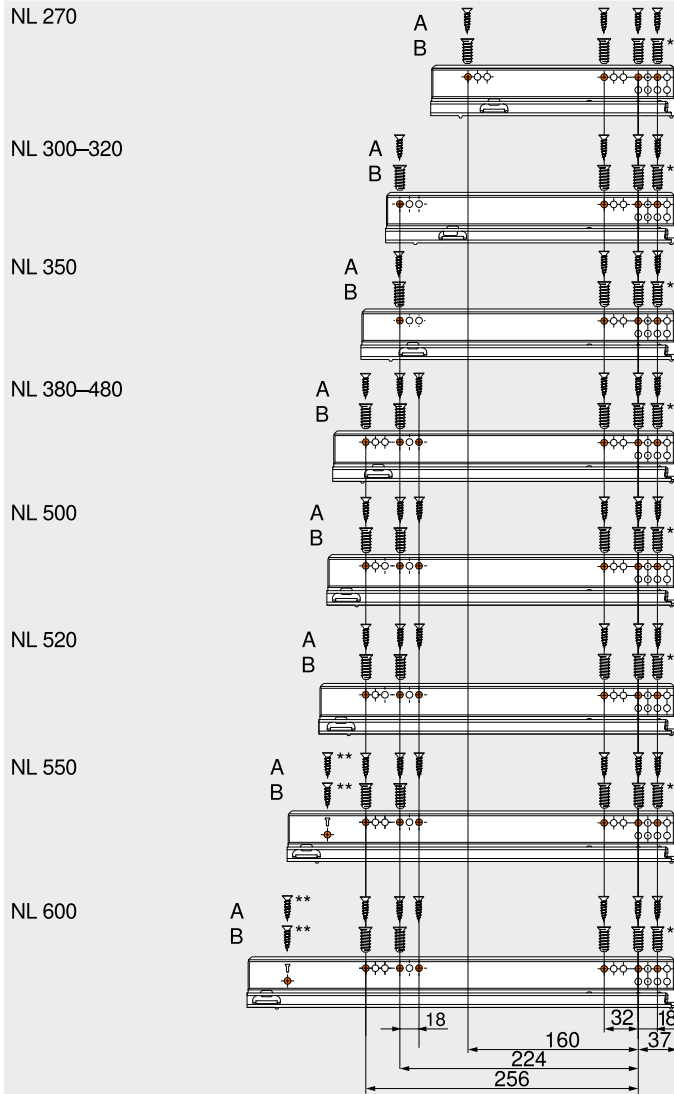
Overview – TIP-ON BLUMOTION for MOVENTO	397	More technical details
Overview – MOVENTO	379	
Overview – TIP-ON for MOVENTO	403	
CABLOXX	552	
Accessories	387	
Attachment of runners	400	
Overview – assembly devices	561	

662 Assembly, removal and adjustment

Short-URL
www.blum.com/a460

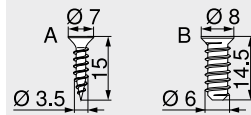
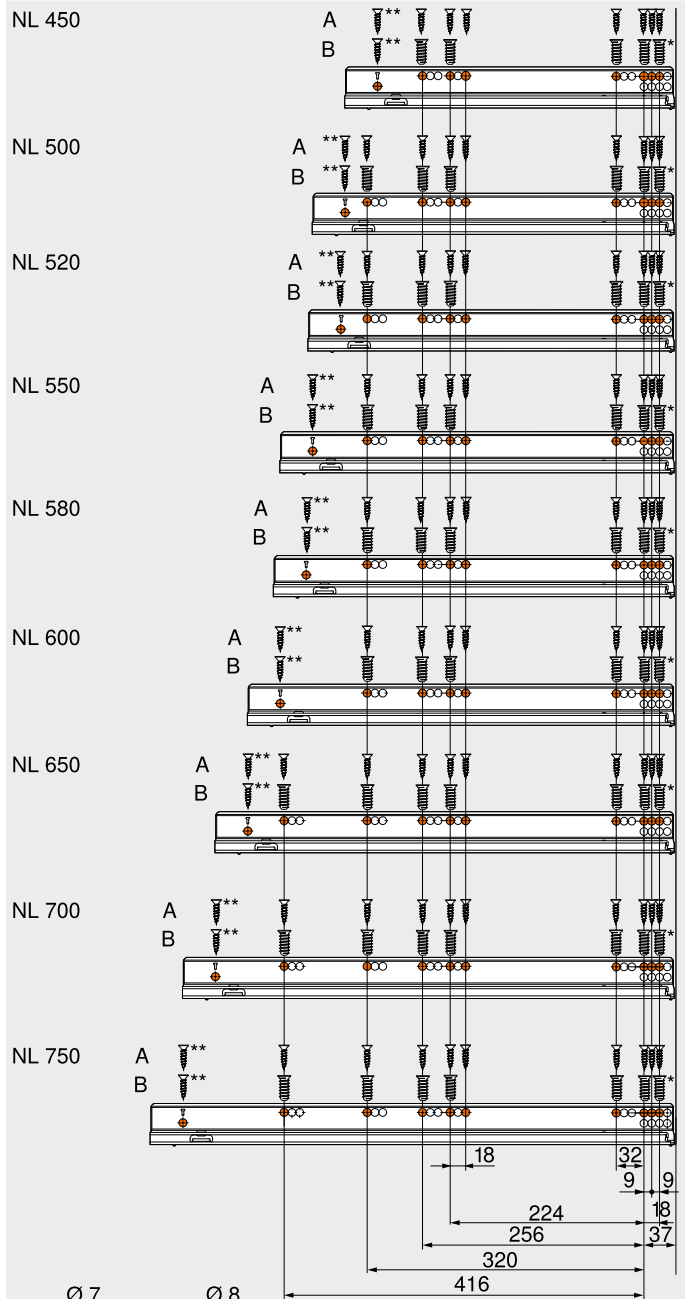


Runner 760H – 40 kg



- NL Nominal length
- A Chipboard screws \varnothing 3.5 x 15 mm, part no. 609.1500
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 3.5 x 15 mm
- ** Optional for greater stability

Runner 766H – 60 kg



- NL Nominal length
- A Chipboard screws \varnothing 3.5 x 15 mm, part no. 609.1500
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw \varnothing 3.5 x 15 mm
- ** Optional for greater 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.

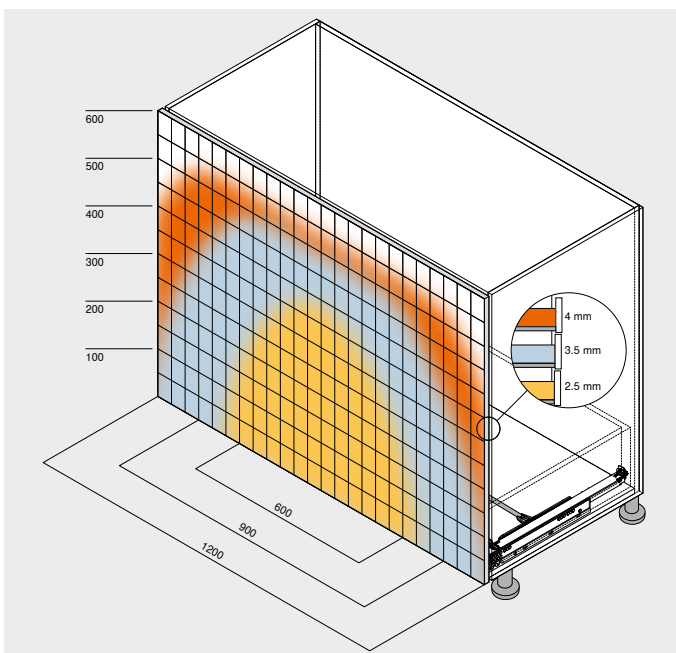
Multitude of applications

The TIP-ON runner can be used for all standard applications, from standard cabinets to special solutions such as the Blum sink pull-out.

TIP-ON
by Blum



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

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▶ SERVO-DRIVE for MOVENTO TANDEM	454

Symbolic image

Applications	kg					Webcode	Page
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▶▶ Locking device feature – full extension

	MOVENTO with TIP-ON 760H 766H	40					
		60					
						DQCZTA	404

Symbolic image

kg Dynamic carrying capacity

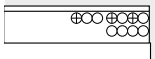
▶▶ Accessories

	Pull-out shelf lock	386	Gallery rail for pull-out shelf corner connectors	390
	Side stabilisation set	388	Lock-open stop	391
	Depth adjustment	388	Screws	392
	Longside gallery rails with back fixing	389	Centre bit	392
	Back fixing bracket for pull-out shelf	389	Door buffer	392
	Corner connectors	390	Screwdriver	393

Symbolic image

▶▶ Attachment of runners

	Runner 760H – 40 kg	406
	Runner 766H – 60 kg	406



Symbolic image

▶▶ Assembly, removal and adjustment

	Assembly, removal and adjustment	
	Short-URL www.blum.com/a430	

Symbolic image

Pictograph

Item Available Upon Request

Runner systems



- ▶ TIP-ON for MOVENTO
- ▶▶ Locking device feature – full extension

MOVENTO with TIP-ON 760H | 766H

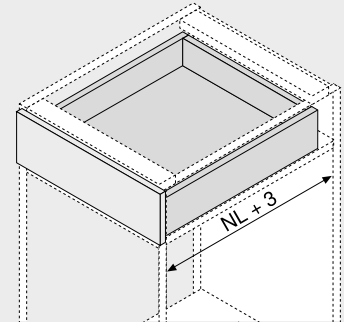
Webcode

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

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		
	Colour	Material	Part no.
	Orange	Nylon/steel	T51.7601

Order left/right

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

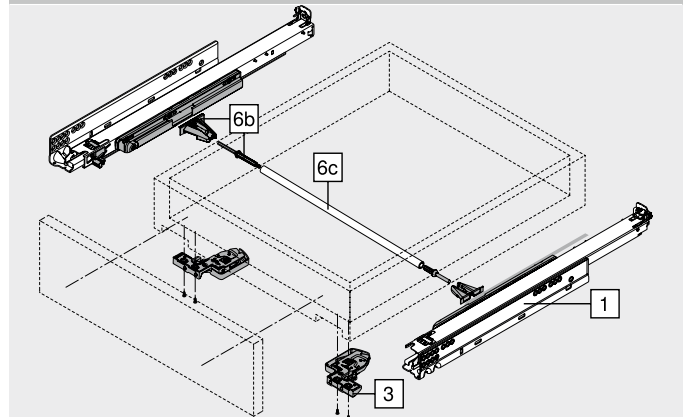
Cutting Internal cabinet width LW – 249 mm

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

Drawer



MOVENTO with TIP-ON 760H | 766H

Webcode
 DQCZTA

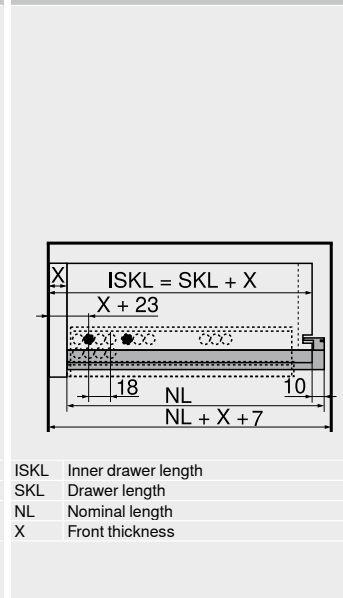
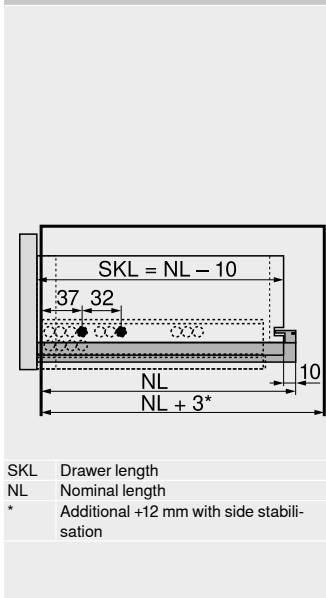
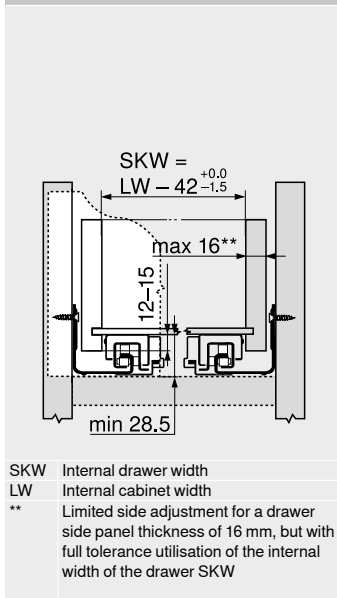
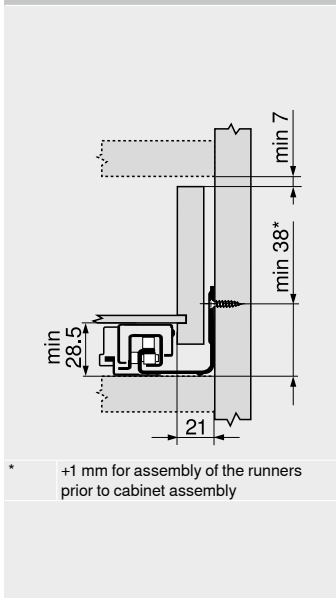
Planning

Space requirement in cabinet

Drawer | inner drawer

Drawer

Inner drawer



* +1 mm for assembly of the runners prior to cabinet assembly

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

SKL Drawer length
 NL Nominal length
 * Additional +12 mm with side stabilisation

ISKL Inner drawer length
 SKL Drawer length
 NL Nominal length
 X Front thickness

Hole spacing – runners

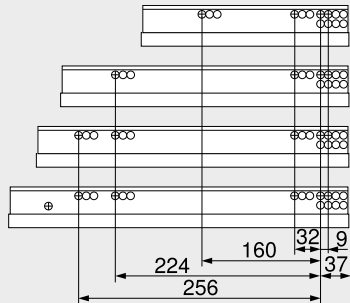
Runner 760H – 40 kg
 Nominal length NL (mm)

250 | 270

300 | 320 | 350

380 | 400 | 420 | 450 |
 480 | 500 | 520

550 | 600

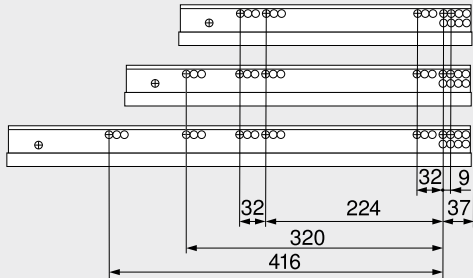


Runner 766H – 60 kg
 Nominal length NL (mm)

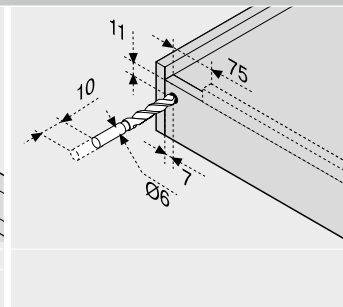
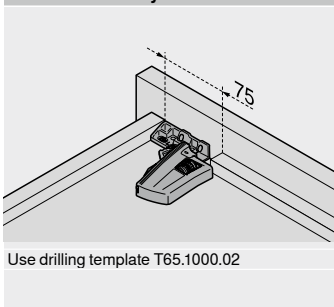
450

500 | 520 | 550 |
 580 | 600

650 | 700 | 750

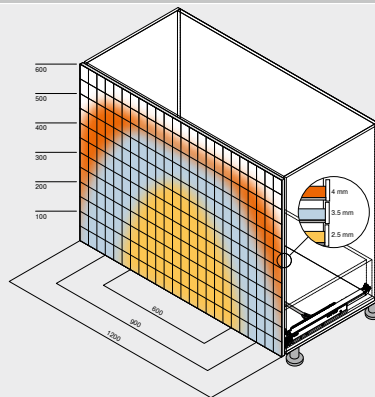


Drawer assembly



Use drilling template T65.1000.02

Trigger range



Example for 760H – 40 kg, nominal length NL 500 mm, four-sided drawer, with and without synchronisation

Page instructions

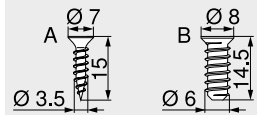
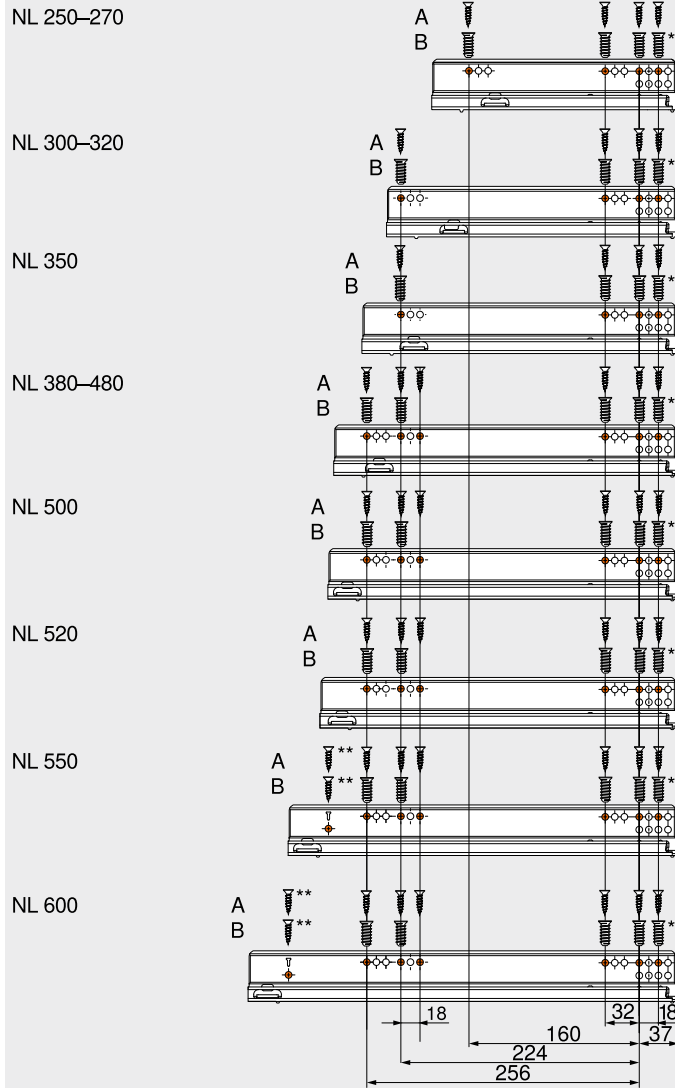
Overview – TIP-ON for MOVENTO	403	More technical details
Overview – MOVENTO	379	
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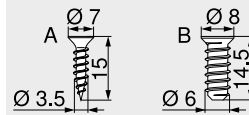
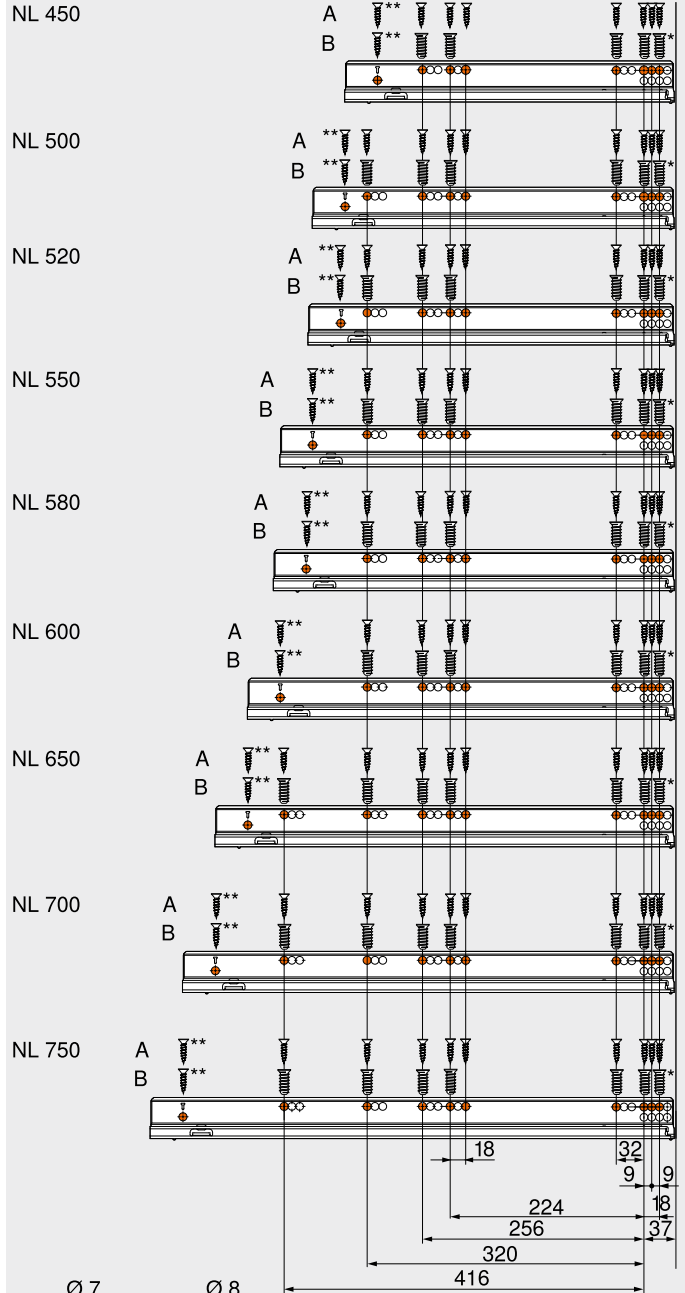


Runner 760H – 40 kg



- NL Nominal length
- A Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw Ø 3.5 x 15 mm
- ** Optional for greater stability

Runner 766H – 60 kg



- NL Nominal length
- A Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500
- B System screws, part no. 661.1450.HG
- * Can be replaced with chipboard screw Ø 3.5 x 15 mm
- ** Optional for greater stability



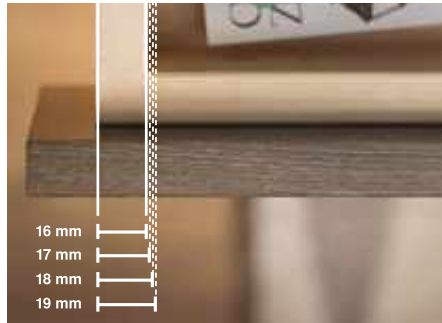
Smooth. Practical. Versatile.



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
The wide range of nominal lengths, load bearing classes of 30 and 50 kg and choice of single or full extension ensures the right solution for all spaces



TANDEM 19 mm
The right solution for every wooden drawer: with TANDEM 19 mm, we provide you with a runner system for wooden drawers with side panel thicknesses of 17–19 mm



TANDEM smooth running action
Smooth running action, damped 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

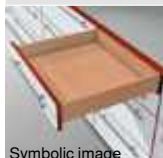


Pull-out shelf lock
The locking system ensures the pull-out shelf remains secure when extended. No wobbling or sliding – even when kitchen appliances are used on it

Runner systems

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	▶ SERVO-DRIVE for MOVENTO TANDEM	454
	▶ STANDARD	488

▶▶ Overview

	▶▶ Overview – runners	410
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▶▶ Accessories

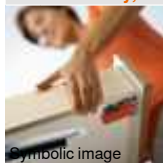

	Pull-out shelf lock	444	Centre bit	449
	Side stabilisation set	447	Door buffer	449
	Longside gallery rails with back fixing	448	Screwdriver	450
	Front adjuster	448		
	POSISTOP	449		
	Screws	449		

▶▶ Attachment of runners


	Runner 560H 560F – 30 kg	452
	Runner 566H 566F – 50 kg	453
	Runner 550H 550F – 30 kg	453
	Runner 561H 561F – 30 kg	452
	Runner 551H 551F – 30 kg	453

Symbolic image

▶▶ Assembly, removal and adjustment

	Assembly, removal and adjustment	
	Short-URL www.blum.com/a420	

Pictograph

	Item Available Upon Request
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TANDEM 11–16 mm

Applications	kg	BLUMOTION	SERVO-DRIVE	TIP-ON	TIP-ON	Webcode	Page
		by Blum	by Blum	BLUMOTION by Blum	BLUMOTION by Blum		
▶▶ TANDEM – locking device feature – full extension							
	TANDEM plus BLUMOTION 560H 566H	30	●	○	–	–	
		50					
							DQD1XA 412
	TANDEM plus 560H 566H	30	–	–	–	○	
		50					
							DQD2MM 414
▶▶ TANDEM – locking device feature – single extension							
	TANDEM BLUMOTION 550H	30	●	○	–	–	
							DQD3BY 416
	TANDEM 550H	30	–	–	–	○	
							DQD41A 418
▶▶ TANDEM – hook and peg variant – full extension							
	TANDEM plus BLUMOTION 561H	30	●	○	–	–	
							DQD4QM 420
	TANDEM plus 561H	30	–	–	–	○	
							DQD5FY 422
▶▶ TANDEM – hook and peg variant – single extension							
	TANDEM BLUMOTION 551H	30	●	○	–	–	
							DQD65A 424
	TANDEM 551H	30	–	–	–	○	
							DQD6UM 426
kg Dynamic carrying capacity ● Integrated ○ Optional – Not possible							

TANDEM 17–19 mm

Applications	kg	BLUMOTION	SERVO-DRIVE	TIP-ON	TIP-ON	Webcode	Page
		by Blum	by Blum	BLUMOTION by Blum	BLUMOTION by Blum		
▶▶ TANDEM 19 mm – locking device feature – full extension							
	TANDEM plus BLUMOTION 560F 566F	30	●	○	–	–	
		50					
							DQHL6M 428
	TANDEM plus 560F	30	–	–	–	○	
							DQHLVY 430
▶▶ TANDEM 19 mm – locking device feature – single extension							
	TANDEM BLUMOTION 550F	30	●	○	–	–	
							DQHMLA 432
	TANDEM 550F	30	–	–	–	○	
							DQHNAM 434
▶▶ TANDEM 19 mm – hook and peg variant – full extension							
	TANDEM plus BLUMOTION 561F	30	●	○	–	–	
							DQHNZY 436
	TANDEM plus 561F	30	–	–	–	○	
							DQHOPA 438
▶▶ TANDEM 19 mm – hook and peg variant – single extension							
	TANDEM BLUMOTION 551F	30	●	○	–	–	
							DQHPEM 440
	TANDEM 551F	30	–	–	–	○	
							DQH3Y 442
kg Dynamic carrying capacity ● Integrated ○ Optional – Not possible							

Runner systems



- ▶ TANDEM
- ▶▶ TANDEM – locking device feature – full extension

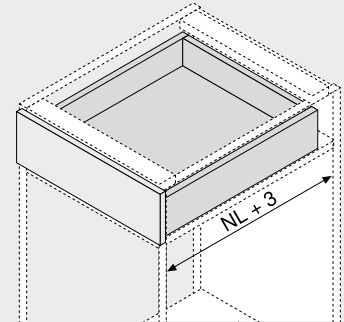
TANDEM plus BLUMOTION 560H | 566H

Webcode
DQD1XA



- Runner for wooden drawers with a panel thickness of 11–16 mm
- Concealed **TANDEM** full extension with integrated **BLUMOTION** for silent and effortless closing action
- Suitable for use with **SERVO-DRIVE** – the electrical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- Tool-free height adjustment via a locking device
- Tool-free integrated front tilt adjustment
- Built-in width and depth tolerance compensation

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		
	Colour	Material	Part no.
	Orange	Nylon/zinc	T51.1700.04
Order left/right			

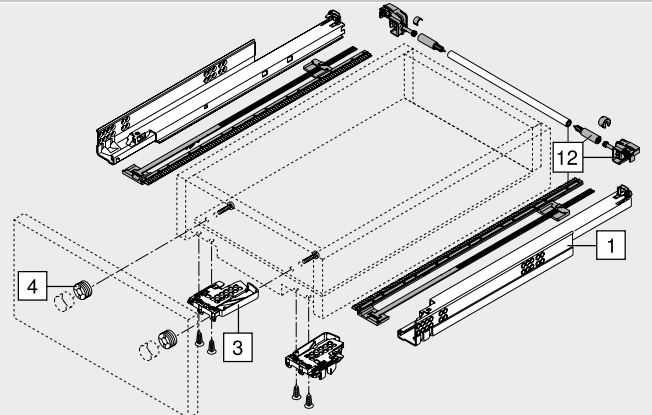
Accessories			
4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

5	POSISTOP		
	Colour	Material	Part no.
	RAL 7037 dust grey	Nylon	298.5500
Depth stop			

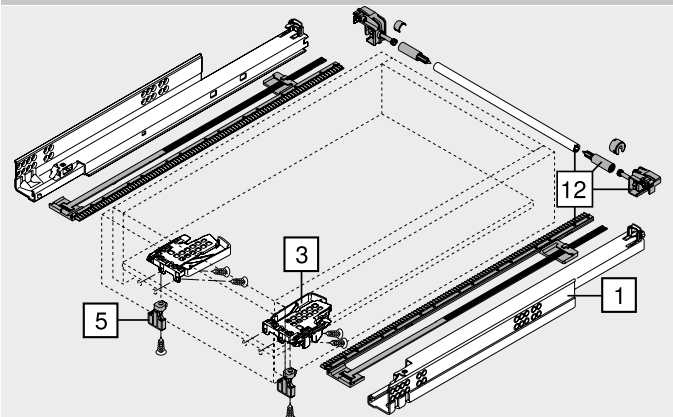
12	Side stabilisation set for full extension	
	Nominal length NL (mm)	Part no.
	Up to 410	ZST.410TV
	Up to 600	ZST.600TV
	Up to 750	ZST.750TV

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	Drawer inner drawer	Drawer	Inner drawer
* +3 mm with side stabilisation	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length * Additional +12 mm with side stabilisation	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +2 mm with POSISTOP

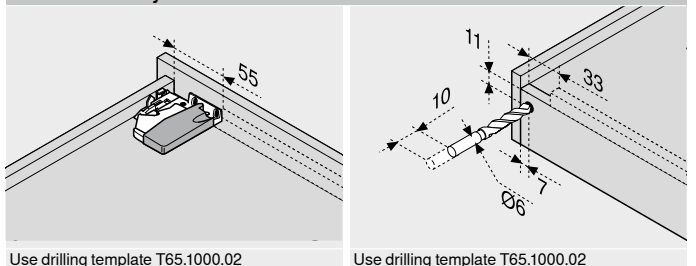
Hole spacing – runners

Nominal length NL (mm)

250 270	
300 320 350 380	
400 420	
450 480	
500 520 550	
580 600	
650 700 750	

* Hole only at 566H (50 kg)

Drawer assembly



Use drilling template T65.1000.02

Use drilling template T65.1000.02

Page instructions

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CABLOXX	552	Short-URL	
Accessories	444	www.blum.com/a420	
Attachment of runners	452		
Overview – assembly devices	561		
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Runner systems



- ▶ TANDEM
- ▶▶ TANDEM – locking device feature – full extension

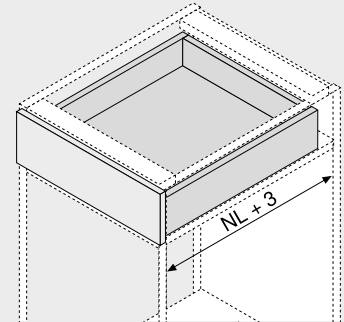
TANDEM plus 560H | 566H

Webcode
DQD2MM



- Runner for wooden drawers with a panel thickness of 11–16 mm
- Concealed **TANDEM** full extension with integrated **BLUMATIC** self-insertion technology
- Suitable for use with **TIP-ON** – the mechanical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- 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

Space requirement



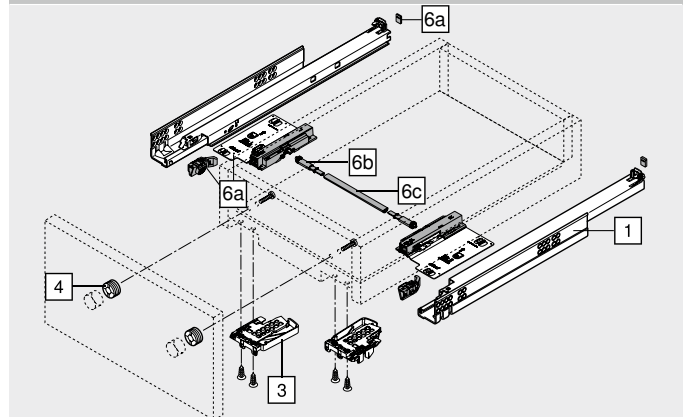
NL Nominal length

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!

Drawer



Alternative to 6b | 6c

6d	TIP-ON synchronisation pinion set and shaft		Part no.
	Cabinet width KB (mm)	Version	
	Up to 1400	Round	T55.1089ZR
For cutting to size			
Cutting	Internal cabinet width LW – 277 mm		

3	Locking device left/right		
	Colour	Material	Part no.
	Orange	Nylon/zinc	T51.1700.04

Order left/right

Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a	TIP-ON left/right		Part no.
	Dynamic carrying capacity (kg)		
	30		T55.7150S
	50		T55.9150S

Only suitable for TANDEM plus

6b	TIP-ON synchronisation pinion set		
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	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 plus 560H | 566H

Webcode
DQD2MM

Planning

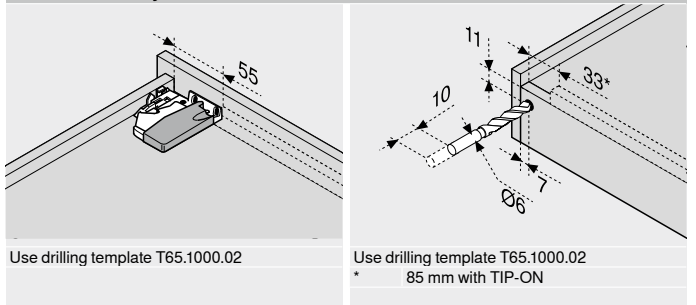
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
* +1 mm with TIP-ON	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +4 mm with TIP-ON

Hole spacing – runners

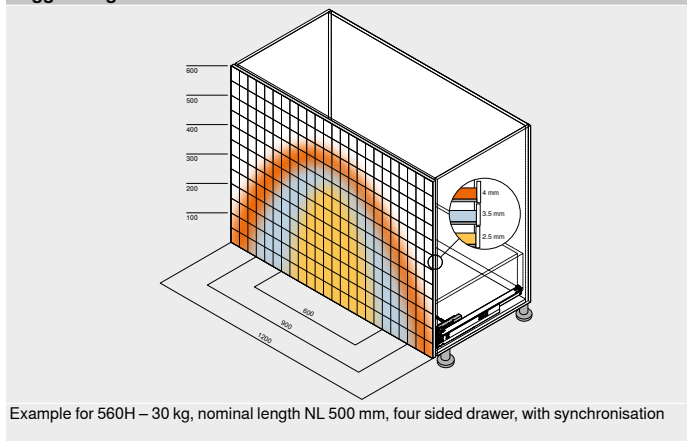
Nominal length NL (mm)	Hole spacing diagram
250 270	
300 320 350 380	
400 420	
450 480	
500 520 550	
580 600	
650 700 750	

* Hole only at 566H (50 kg)

Drawer assembly



Trigger range



Page instructions

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Accessories	444	Short-URL www.blum.com/a420
Attachment of runners	452	
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- ▶ TANDEM
- ▶▶ TANDEM – locking device feature – single extension

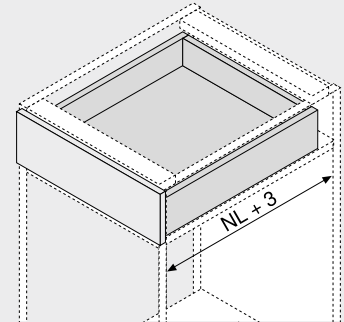
TANDEM BLUMOTION 550H

Webcode
DQD3BY



- Runner for wooden drawers with a panel thickness of 11–16 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- Tool-free height adjustment via a locking device
- Built-in width and depth tolerance compensation

Space requirement



NL Nominal length

Order information

1		Runners left/right
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
270	550H2700B	
300	550H3000B	
350	550H3500B	
400	550H4000B	
450	550H4500B	
500	550H5000B	
550	550H5500B	
600	550H6000B	
650	550H6500B	

3		Locking device left/right
Colour	Material	Part no.
Orange	Nylon/zinc	T51.1700.04

Order left/right

Accessories

4		Front adjuster
Colour	Material	Part no.
Natural	Nylon	295.1000

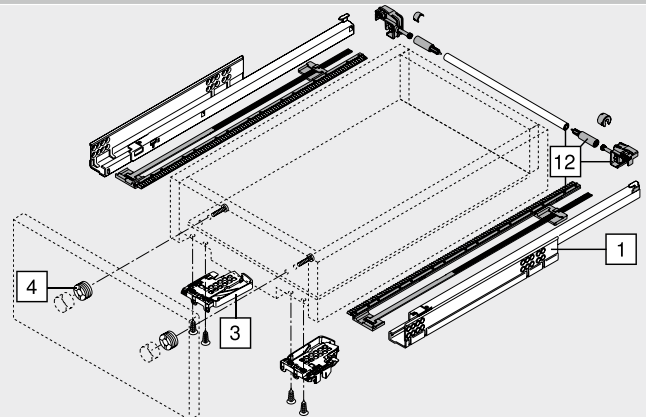
5		POSISTOP
Colour	Material	Part no.
RAL 7037 dust grey	Nylon	298.5500

Depth stop

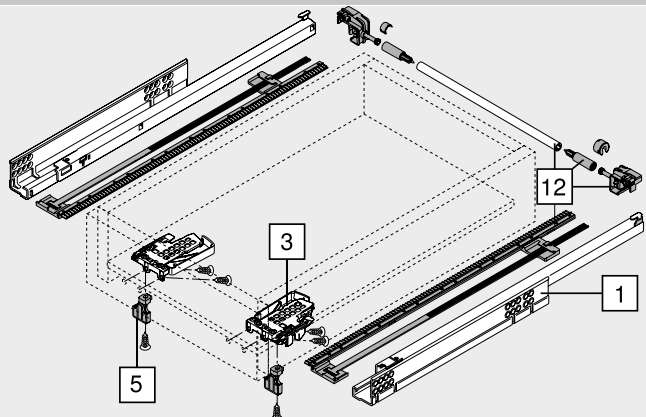
12		Side stabilisation set for single extension
Nominal length NL (mm)	Part no.	
Up to 400	ZST.410TT	
Up to 650	ZST.650TT	

For cutting to size
Suitable for cabinet width KB 1400 mm

Drawer



Inner drawer



TANDEM BLUMOTION 550H

Webcode
DQD3BY

Planning

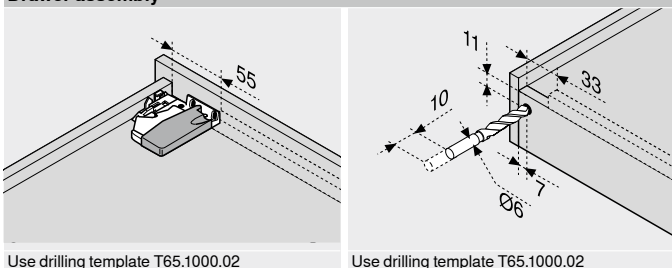
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
<p>A 3 mm distance to interchange with full extension</p> <p>* +3 mm with side stabilisation</p>	<p>SKW Internal drawer width</p> <p>LW Internal cabinet width</p>	<p>SKL Drawer length</p> <p>NL Nominal length</p> <p>* Additional +12 mm with side stabilisation</p>	<p>ISKL Inner drawer length</p> <p>SKL Drawer length</p> <p>NL Nominal length</p> <p>X Front thickness</p> <p>* Additional +2 mm with POSISTOP</p>

Hole spacing – runners

Nominal length NL (mm)

270	
300 350 400 450	
500 550	
600	
650	

Drawer assembly



Use drilling template T65.1000.02

Use drilling template T65.1000.02

Page instructions

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Runner systems



- ▶ TANDEM
- ▶▶ TANDEM – locking device feature – single extension

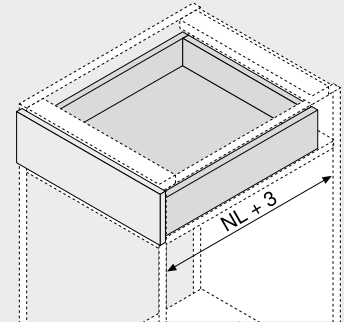
TANDEM 550H

Webcode
DQD41A



- Runner for wooden drawers with a panel thickness of 11–16 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- 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

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		
	Colour	Material	Part no.
	Orange	Nylon/zinc	T51.1700.04

Order left/right

Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a	TIP-ON left/right	
	Dynamic carrying capacity (kg)	Part no.
	30	T55.1150S

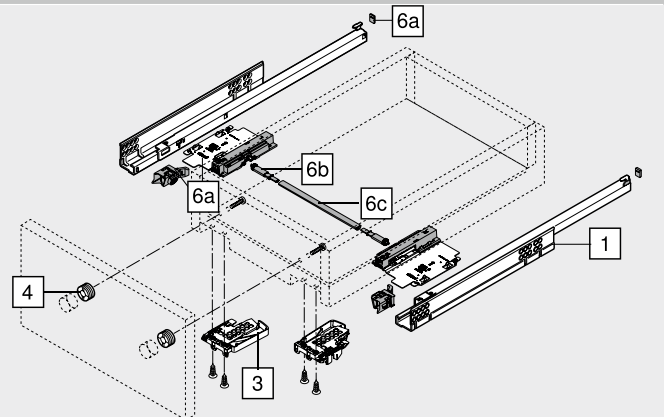
Only suitable for TANDEM

6b	TIP-ON synchronisation pinion set		
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	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	Drawer inner drawer	Drawer	Inner drawer
<p>A 5 mm distance to interchange with full extension</p> <p>* +1 mm with TIP-ON</p>	<p>SKW Internal drawer width</p> <p>LW Internal cabinet width</p>	<p>SKL Drawer length</p> <p>NL Nominal length</p>	<p>ISKL Inner drawer length</p> <p>SKL Drawer length</p> <p>NL Nominal length</p> <p>X Front thickness</p> <p>* Additional +4 mm with TIP-ON</p>

Hole spacing – runners

Nominal length NL (mm)

270	
300 350 400 450	
500 550	
600	
650	

Drawer assembly

Use drilling template T65.1000.02	Use drilling template T65.1000.02 * 85 mm with TIP-ON

Trigger range

Example for 560H – 30 kg, nominal length NL 500 mm, four sided drawer, with synchronisation

Page instructions

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- ▶ TANDEM
- ▶▶ TANDEM – hook and peg variant – full extension

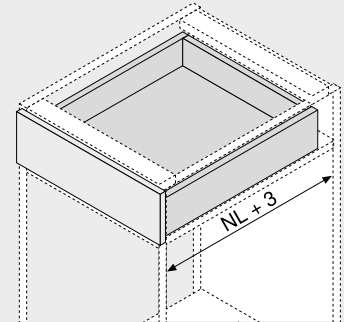
TANDEM plus BLUMOTION 561H

Webcode
DQD4QM



- Runner for wooden drawers with a panel thickness of 11–16 mm
- Concealed **TANDEM** full extension with integrated **BLUMOTION** for silent and effortless closing action
- Suitable for use with **SERVO-DRIVE** – the electrical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- Lift-off stop and height adjustment integrated into runner system
- Tool-free integrated front tilt adjustment

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

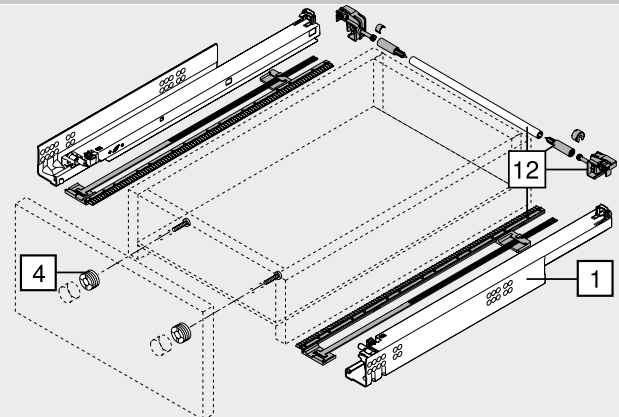
Accessories

4		Front adjuster
Colour	Natural	Material
		Nylon
		Part no.
		295.1000

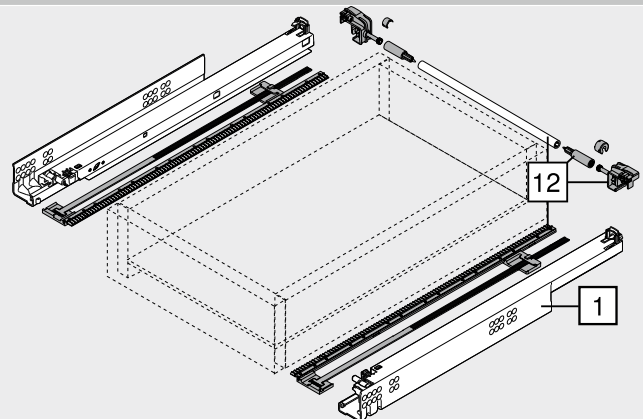
12		Side stabilisation set for full extension
Nominal length NL (mm)		Part no.
Up to 410		ZST.410TV
Up to 600		ZST.600TV

For cutting to size
Suitable for cabinet width KB 1400 mm

Drawer



Inner drawer



TANDEM plus BLUMOTION 561H

Webcode
DQD4QM

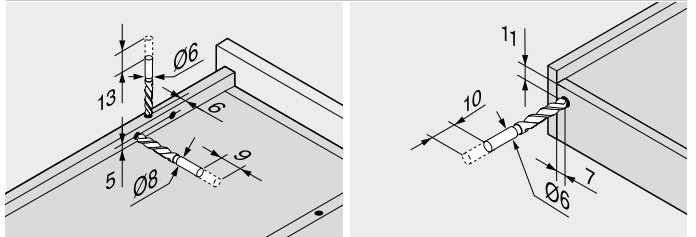
Planning

Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
* +3 mm with side stabilisation	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length * Additional +12 mm with side stabilisation	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness

Hole spacing – runners
 Nominal length NL (mm)

260	
285	
310 335	
360 385	
410	
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 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

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- ▶ TANDEM
- ▶▶ TANDEM – hook and peg variant – full extension

TANDEM plus 561H

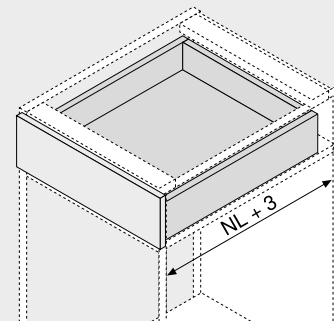
Webcode

DQD5FY



- Runner for wooden drawers with a panel thickness of 11–16 mm
- Concealed TANDEM full extension with integrated BLUMATIC self-insertion technology
- Suitable for use with TIP-ON – the mechanical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- 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

Space requirement



NL Nominal length

Order information

1	Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
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!

Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a	TIP-ON left/right	
	Dynamic carrying capacity (kg)	Part no.
	30	T55.7150S

Only suitable for TANDEM plus

6b	TIP-ON synchronisation pinion set		
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	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

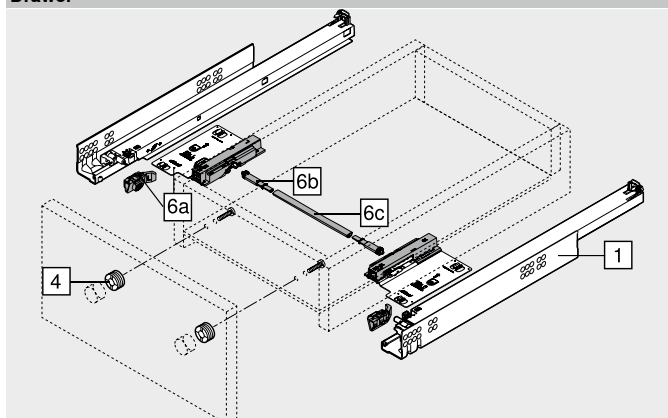
Alternative to 6b | 6c

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

Drawer



TANDEM plus 561H

Webcode
DQD5FY

Planning

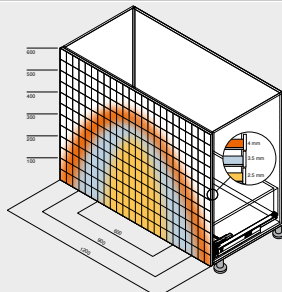
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
* +1 mm with TIP-ON	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +6 mm with TIP-ON ** Additional +4 mm with TIP-ON

Hole spacing – runners

Nominal length NL (mm)

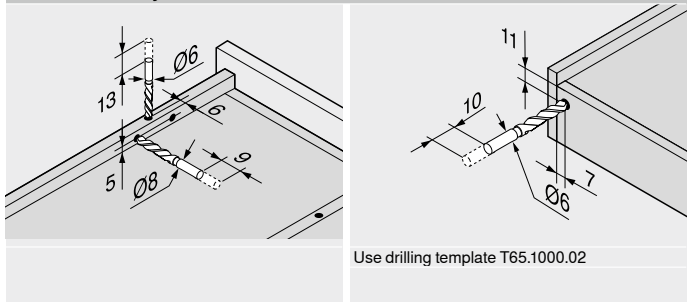
260 285	
310 335 360 385	
410	
435 460 485	
510 535	
560	

Trigger range



Example for 560H – 30 kg, nominal length NL 500 mm, four sided drawer, with synchronisation

Drawer assembly



Drawer assembly

Nominal length NL (mm)	Pegs	
	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

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More technical details	662	



Runner systems



- ▶ TANDEM
- ▶▶ TANDEM – hook and peg variant – single extension

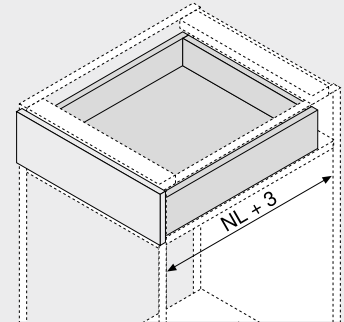
TANDEM BLUMOTION 551H

Webcode
DQD65A



- Runner for wooden drawers with a panel thickness of 11–16 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- Lift-off stop and height adjustment integrated into runner system

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

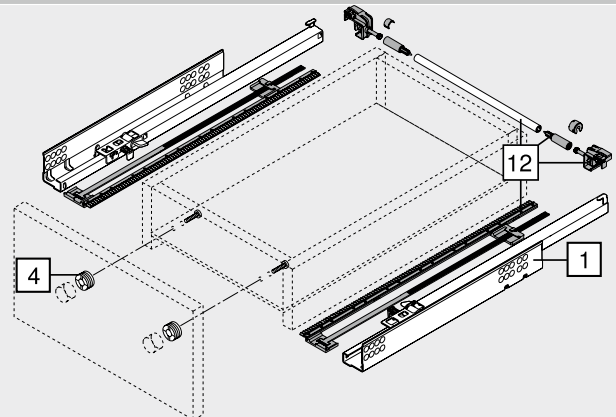
Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

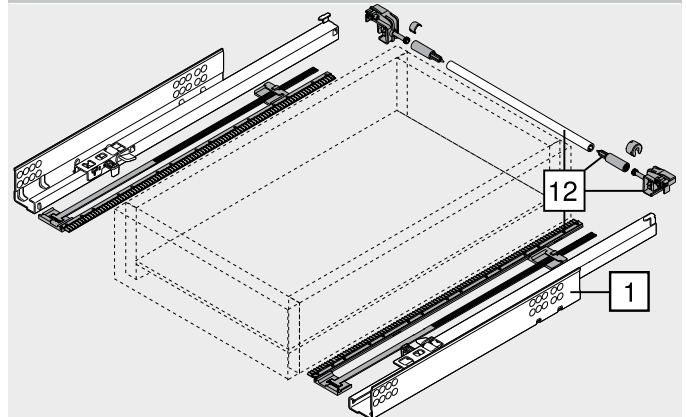
12	Side stabilisation set for single extension	
	Nominal length NL (mm)	Part no.
	Up to 410	ZST.410TT
	Up to 650	ZST.650TT

For cutting to size
Suitable for cabinet width KB 1400 mm

Drawer



Inner drawer



TANDEM BLUMOTION 551H

Webcode
DQD65A

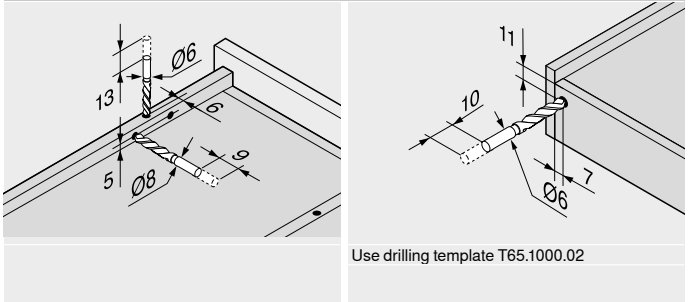
Planning

Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
A 3 mm distance to interchange with full extension * +3 mm with side stabilisation	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length * Additional +12 mm with side stabilisation	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness

Hole spacing – runners
 Nominal length NL (mm)

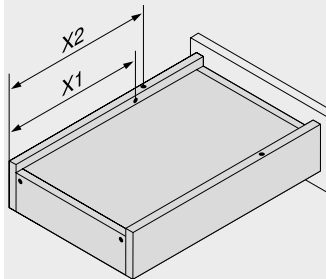
260 285	
310 335 360 385 410 435	
460 485	
510 535	
560	

Drawer assembly



Drawer assembly

Nominal length NL (mm)	Pegs	
	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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Attachment of runners	452	
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Runner systems



- ▶ TANDEM
- ▶▶ TANDEM – hook and peg variant – single extension

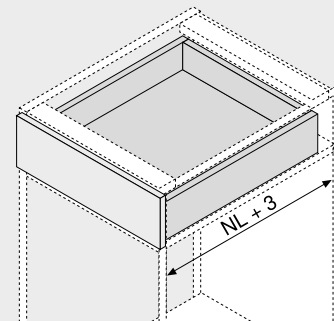
TANDEM 551H

Webcode
DQD6UM



- Runner for wooden drawers with a panel thickness of 11–16 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- Lift-off stop and height adjustment integrated into runner system
- Optional **TIP-ON** synchronisation for secure triggering even with wide fronts

Space requirement



NL Nominal length

Order information

1	Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
	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!

Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a	TIP-ON left/right	
	Dynamic carrying capacity (kg)	Part no.
	30	T55.3150S

Only suitable for TANDEM

6b	TIP-ON synchronisation pinion set		
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	T55.000R

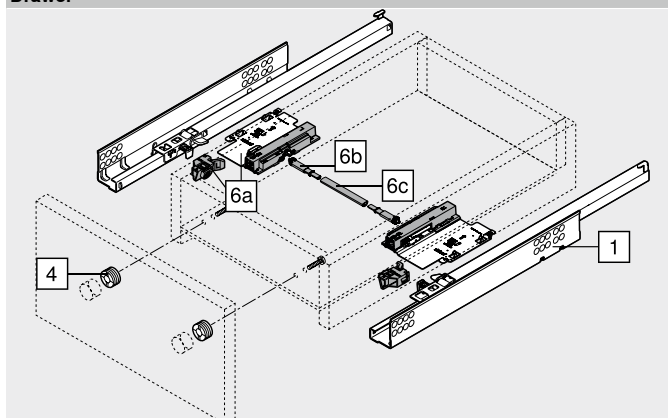
6c	TIP-ON synchronisation linkage		
	Cabinet width KB (mm)	Version	Part no.
	Up to 1200	Semicircular	T55.889W

For cutting to size

Starting with cabinet width KB 600 mm

Cutting Internal cabinet width LW – 277 mm

Drawer



TANDEM 551H

Webcode
DQD6UM

Planning

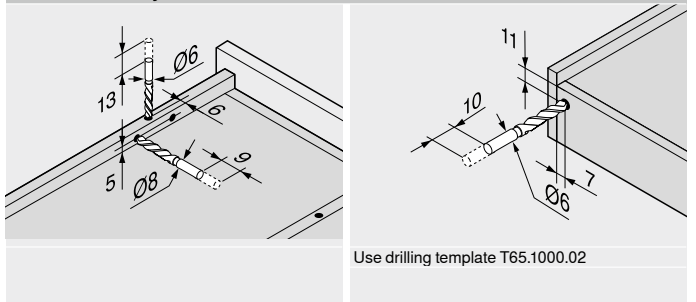
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
A 5 mm distance to interchange with full extension * +1 mm with TIP-ON	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +6 mm with TIP-ON ** Additional +4 mm with TIP-ON

Hole spacing – runners

Nominal length NL (mm)

260 285	
310 335 360 385	
410 435	
460 485	
510 535	
560	

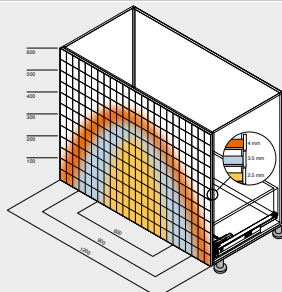
Drawer assembly



Drawer assembly

Nominal length NL (mm)	Pegs	
	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

Trigger range



Example for 560H – 30 kg, nominal length NL 500 mm, four sided drawer, with synchronisation

Page instructions

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Runner systems



- ▶ TANDEM
- ▶▶ TANDEM 19 mm – locking device feature – full extension

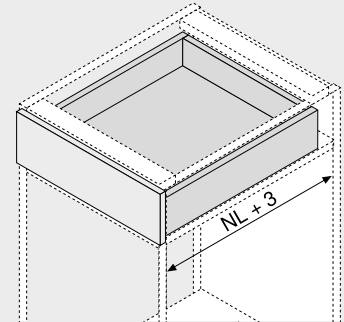
TANDEM plus BLUMOTION 560F | 566F

Webcode
DQHL6M



- Runner for wooden drawers with a panel thickness of 17–19 mm
- Concealed **TANDEM** full extension with integrated **BLUMOTION** for silent and effortless closing action
- Suitable for use with **SERVO-DRIVE** – the electrical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- Tool-free height adjustment via a locking device
- Tool-free integrated front tilt adjustment
- Built-in width and depth tolerance compensation

Space requirement



NL Nominal length

Order information

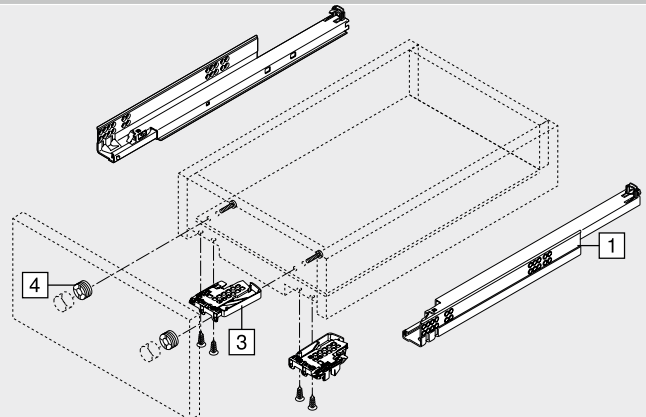
1		Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)		
	30	50	
250	560F2500B		
270	560F2700B		
300	560F3000B		
350	560F3500B		
400	560F4000B		
450	560F4500B	566F4500B	
500	560F5000B	566F5000B	
550	560F5500B	566F5500B	
600	560F6000B	566F6000B	
650		566F6500B	
700		566F7000B	
750		566F7500B	

3		Locking device left/right	
	Colour	Material	Part no.
	Orange	Nylon/zinc	T51.1700.04
Order left/right			

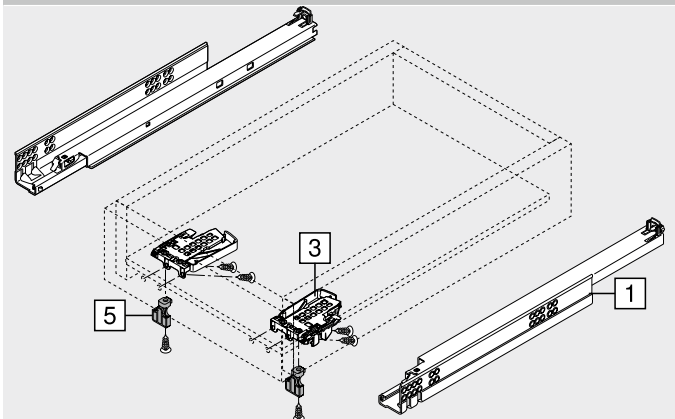
Accessories			
4		Front adjuster	
	Colour	Material	Part no.
	Natural	Nylon	295.1000

5		POSISTOP	
	Colour	Material	Part no.
	RAL 7037 dust grey	Nylon	298.5500
Depth stop			

Drawer



Inner drawer



TANDEM plus BLUMOTION 560F | 566F

Webcode
DQHL6M

Planning

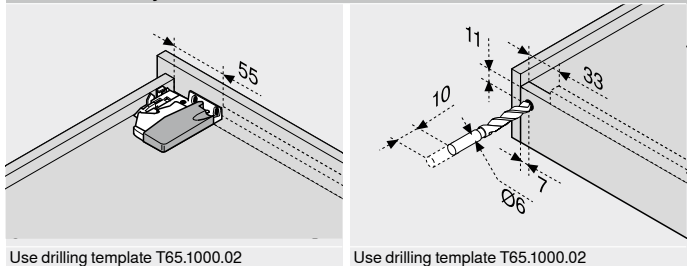
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +2 mm with POSISTOP

Hole spacing – runners

Nominal length NL (mm)	Hole spacing diagram
250 270	
300 350	
400	
450	
500 550	
600	
650 700 750	

* Hole only at 566F (50 kg)

Drawer assembly



Use drilling template T65.1000.02

Use drilling template T65.1000.02

Page instructions

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Assembly, removal and adjustment

Short-URL
www.blum.com/a420



Runner systems



- ▶ TANDEM
- ▶▶ TANDEM 19 mm – locking device feature – full extension

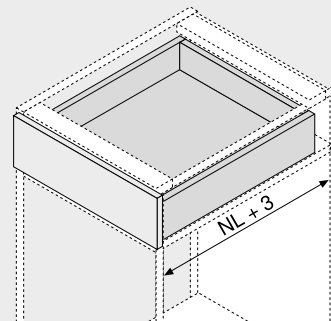
TANDEM plus 560F

Webcode
DQHLVY



- Runner for wooden drawers with a panel thickness of 17–19 mm
- Concealed **TANDEM** full extension with integrated **BLUMATIC** self-insertion technology
- Suitable for use with **TIP-ON** – the mechanical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- Tool-free height adjustment via a locking device
- Tool-free integrated front tilt adjustment
- Built-in width and depth tolerance compensation

Space requirement



NL Nominal length

Order information

1 Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)
250	560F2500C
270	560F2700C
300	560F3000C
350	560F3500C
400	560F4000C
450	560F4500C
500	560F5000C
550	560F5500C
600	560F6000C

The output path can vary depending on the load or the adjustment!

3 Locking device left/right			
	Colour	Material	Part no.
	Orange	Nylon/zinc	T51.1700.04

Order left/right

Accessories

4 Front adjuster			
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a TIP-ON left/right	
	Dynamic carrying capacity (kg)
	30
	Part no.
	T55.7150S

Only suitable for TANDEM plus

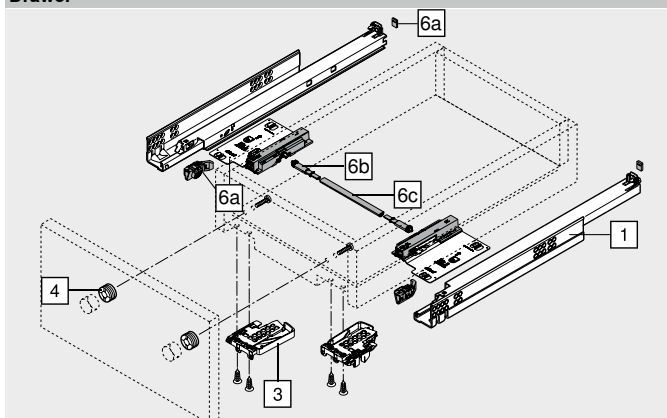
6b TIP-ON synchronisation pinion set			
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	T55.000R

6c TIP-ON synchronisation linkage			
	Cabinet width KB (mm)	Version	Part no.
	Up to 1200	Semicircular	T55.882W
For cutting to size			
Starting with cabinet width KB 600 mm			
Cutting Internal cabinet width LW – 284 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 – 284 mm			

Drawer



TANDEM plus 560F

Webcode
 DQHLYV

Planning

Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
* +1 mm with TIP-ON	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +4 mm with TIP-ON

Hole spacing – runners

Nominal length NL (mm)	Hole spacing diagram
250 270	
300 350	
400	
450	
500 550	
600	

Drawer assembly

Use drilling template T65.1000.02	Use drilling template T65.1000.02 * 85 mm with TIP-ON

Trigger range

Example for 560F – 30 kg, nominal length NL 500 mm, four sided drawer, with synchronisation

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Assembly, removal and adjustment

Short-URL	www.blum.com/a420
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- ▶ TANDEM
- ▶▶ TANDEM 19 mm – locking device feature – single extension

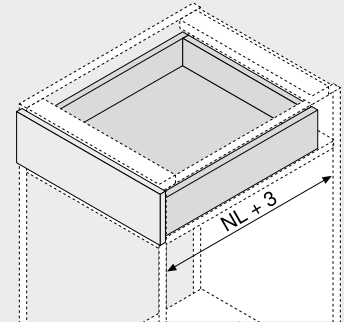
TANDEM BLUMOTION 550F

Webcode
DQHMLA



- Runner for wooden drawers with a panel thickness of 17–19 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- Tool-free height adjustment via a locking device
- Built-in width and depth tolerance compensation

Space requirement



NL Nominal length

Order information

1		Runners left/right
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
270	550F2700B	
300	550F3000B	
350	550F3500B	
400	550F4000B	
450	550F4500B	
500	550F5000B	
550	550F5500B	
600	550F6000B	
650	550F6500B	

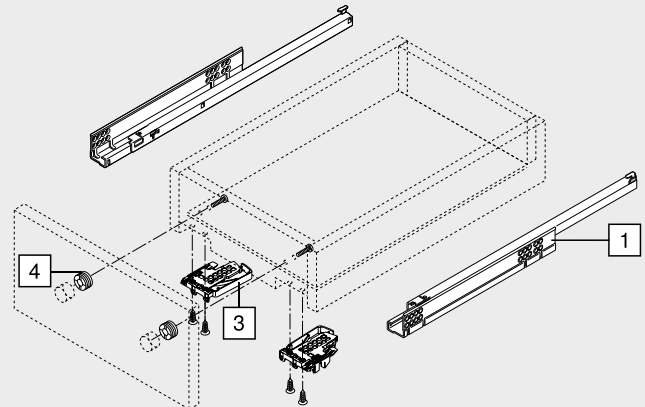
3	Locking device left/right		
	Colour	Material	Part no.
	Orange	Nylon/zinc	T51.1700.04
Order left/right			

Accessories

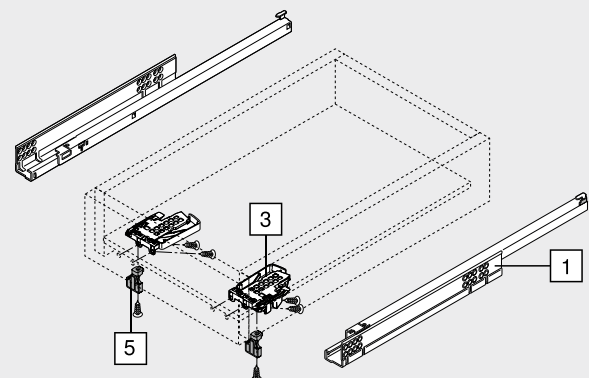
4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

5	POSISTOP		
	Colour	Material	Part no.
	RAL 7037 dust grey	Nylon	298.5500
Depth stop			

Drawer



Inner drawer



TANDEM BLUMOTION 550F

Webcode
 DQHMLA

Planning

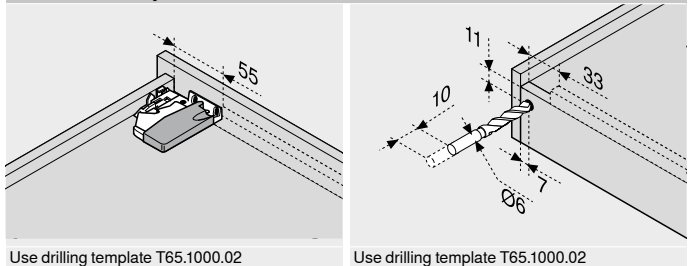
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
A 3 mm distance to interchange with full extension	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +2 mm with POSISTOP

Hole spacing – runners

Nominal length NL (mm)

270	
300 350 400 450	
500 550	
600	
650	

Drawer assembly



Use drilling template T65.1000.02

Use drilling template T65.1000.02

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Assembly, removal and adjustment

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www.blum.com/a420



Runner systems



- ▶ TANDEM
- ▶▶ TANDEM 19 mm – locking device feature – single extension

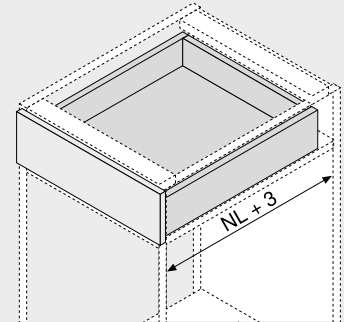
TANDEM 550F

Webcode
DQHNAM



- Runner for wooden drawers with a panel thickness of 17–19 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- Tool-free height adjustment via a locking device
- Built-in width and depth tolerance compensation

Space requirement



NL Nominal length

Order information

1	Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
270	550F2700	
300	550F3000	
350	550F3500	
400	550F4000	
450	550F4500	
500	550F5000	
550	550F5500	
600	550F6000	
650	550F6500	

The output path can vary depending on the load or the adjustment!

3	Locking device left/right		
	Colour	Material	Part no.
	Orange	Nylon/zinc	T51.1700.04

Order left/right

Accessories			
4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a	TIP-ON left/right	
	Dynamic carrying capacity (kg)	Part no.
	30	T55.1150S

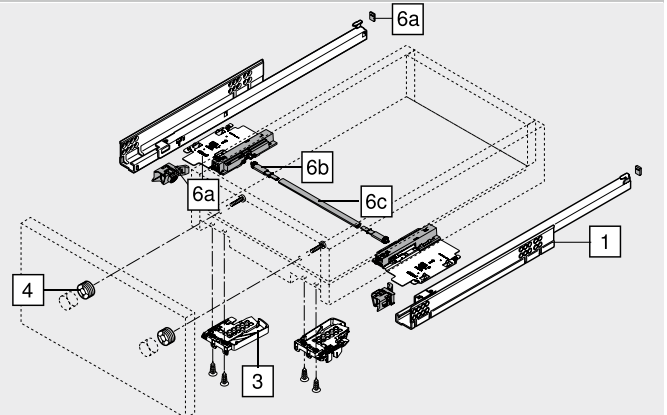
Only suitable for TANDEM

6b	TIP-ON synchronisation pinion set		
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	T55.000R

6c	TIP-ON synchronisation linkage		
	Cabinet width KB (mm)	Version	Part no.
	Up to 1200	Semicircular	T55.882W

For cutting to size
Starting with cabinet width KB 600 mm
Cutting Internal cabinet width LW – 284 mm

Drawer

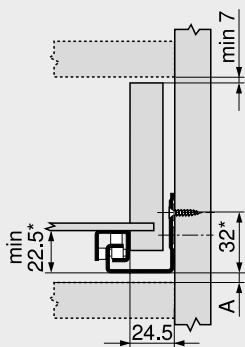


TANDEM 550F

Webcode
DQHNAM

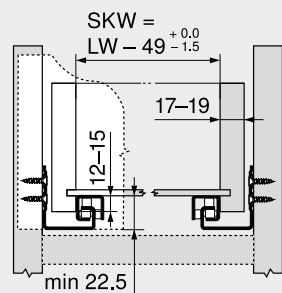
Planning

Space requirement in cabinet



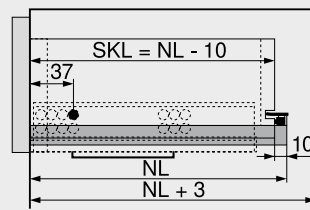
A 5 mm distance to interchange with full extension
* +1 mm with TIP-ON

Drawer | inner drawer



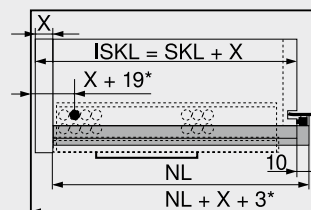
SKW Internal drawer width
LW Internal cabinet width

Drawer



SKL Drawer length
NL Nominal length

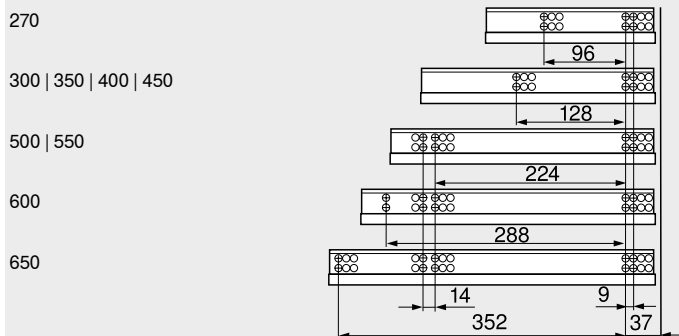
Inner drawer



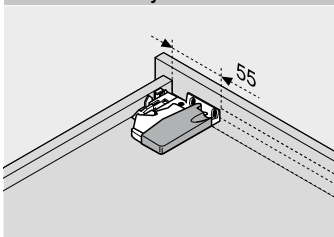
ISKL Inner drawer length
SKL Drawer length
NL Nominal length
X Front thickness
* Additional +4 mm with TIP-ON

Hole spacing – runners

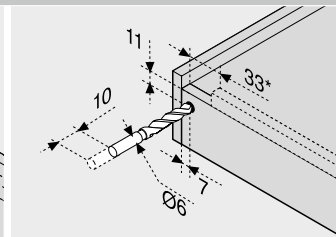
Nominal length NL (mm)



Drawer assembly

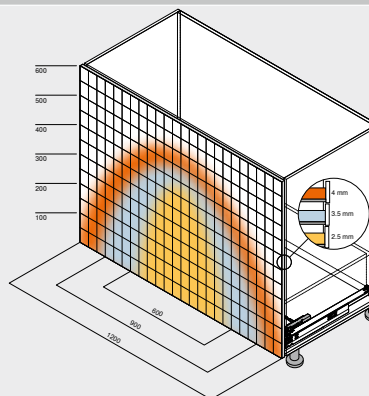


Use drilling template T65.1000.02



Use drilling template T65.1000.02
* 85 mm with TIP-ON

Trigger range



Example for 560F – 30 kg, nominal length NL 500 mm, four sided drawer, with synchronization

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Assembly, removal and adjustment

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- ▶ **TANDEM**
- ▶▶ **TANDEM 19 mm – hook and peg variant – full extension**

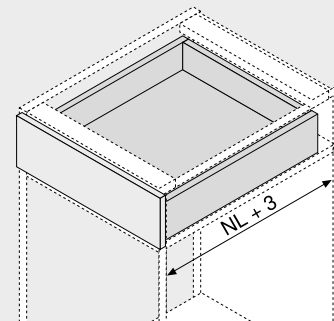
TANDEM plus BLUMOTION 561F

Webcode
DQHNZY




- Runner for wooden drawers with a panel thickness of **17–19 mm**
- Concealed **TANDEM** full extension with integrated **BLUMOTION** for silent and effortless closing action
- Suitable for use with **SERVO-DRIVE** – the electrical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- Lift-off stop and height adjustment integrated into runner system
- Tool-free integrated front tilt adjustment

Space requirement



NL Nominal length

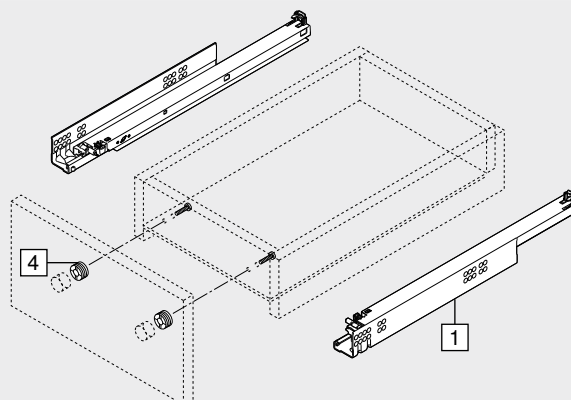
Order information

1		Runners left/right	
Nominal length	NL (mm)	Dynamic carrying capacity (kg)	
260	30		

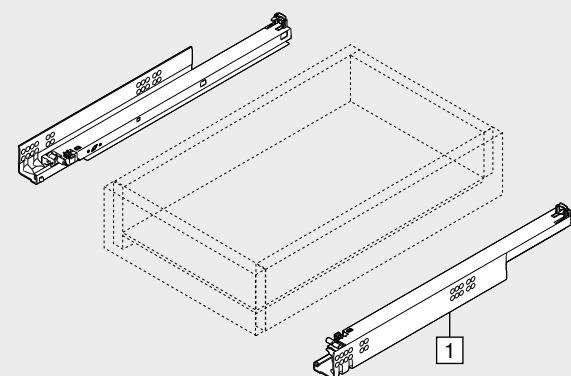
Accessories

4		Front adjuster	
		Colour	Material
		Natural	Nylon
			Part no.
			295.1000

Drawer



Inner drawer



TANDEM plus BLUMOTION 561F

Webcode
DQHNZY

Planning

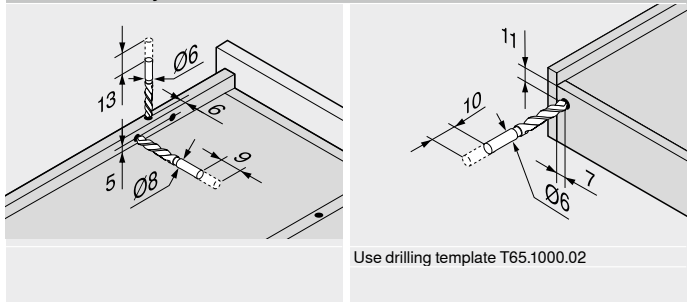
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
	<p>SKW Internal drawer width LW Internal cabinet width</p>	<p>SKL Drawer length NL Nominal length</p>	<p>ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness</p>

Hole spacing – runners

Nominal length NL (mm)

260	
310 360	
410	
460	
510	
560	

Drawer assembly



Drawer assembly

Nominal length NL (mm)	Pegs	
	X2 (mm)	Lift-off stop X3 (mm)
260	205	185
310	230	242
360	275	287
410	300	344
460	335	379
510	360	436
560	405	481

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Assembly, removal and adjustment

Short-URL
www.blum.com/a420





- ▶ TANDEM
- ▶▶ TANDEM 19 mm – hook and peg variant – full extension

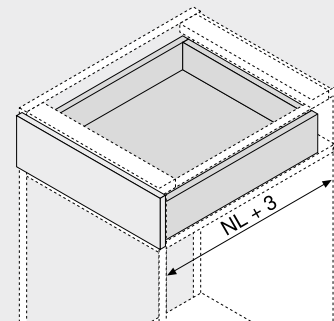
TANDEM plus 561F

Webcode
DQHOPA



- Runner for wooden drawers with a panel thickness of 17–19 mm
- Concealed **TANDEM** full extension with integrated **BLUMATIC** self-insertion technology
- Suitable for use with **TIP-ON** – the mechanical opening support system
- Low-friction cylindrical rollers ensure a feather-light glide
- Lift-off stop and height adjustment integrated into runner system
- Tool-free integrated front tilt adjustment

Space requirement



NL Nominal length

Order information

1	Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
260		561F2601C
310		561F3101C
360		561F3601C
410		561F4101C
460		561F4601C
510		561F5101C
560		561F5601C

The output path can vary depending on the load or the adjustment!

Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a	TIP-ON left/right	
	Dynamic carrying capacity (kg)	Part no.
	30	T55.7150S

Only suitable for TANDEM plus

6b	TIP-ON synchronisation pinion set		
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	T55.000R

6c	TIP-ON synchronisation linkage		
	Cabinet width KB (mm)	Version	Part no.
	Up to 1200	Semicircular	T55.882W

For cutting to size

Starting with cabinet width KB 600 mm

Cutting Internal cabinet width LW – 284 mm

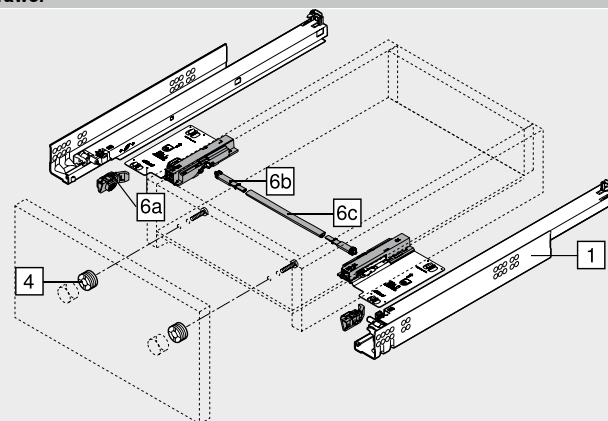
Alternative to 6b | 6c

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 – 284 mm

Drawer



TANDEM plus 561F

Webcode
DQHOPA

Planning

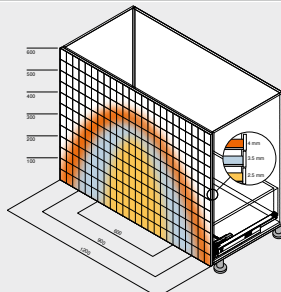
Space requirement in cabinet	Drawer inner drawer	Drawer	Inner drawer
* +1 mm with TIP-ON	SKW Internal drawer width LW Internal cabinet width	SKL Drawer length NL Nominal length	ISKL Inner drawer length SKL Drawer length NL Nominal length X Front thickness * Additional +6 mm with TIP-ON ** Additional +4 mm with TIP-ON

Hole spacing – runners

Nominal length NL (mm)

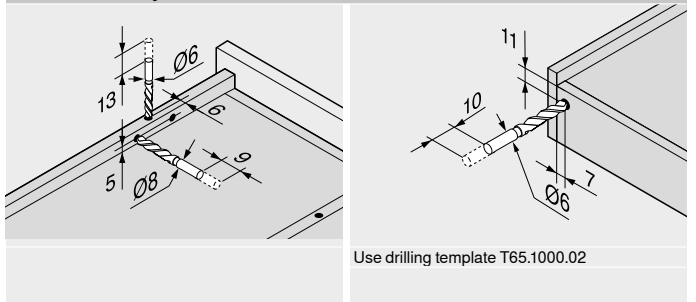
260	96
310 360	
410	64
460	128
510	
560	
	14 32 9
	64 224 37

Trigger range



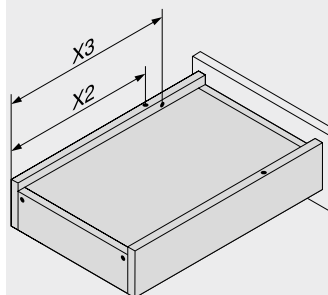
Example for 560F – 30 kg, nominal length NL 500 mm, four sided drawer, with synchronisation

Drawer assembly



Drawer assembly

Nominal length NL (mm)	Pegs X2 (mm)	Lift-off stop X3 (mm)
260	205	185
310	230	242
360	275	287
410	300	344
460	335	379
510	360	436
560	405	481



Page instructions

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Accessories	444	
Attachment of runners	452	Short-URL
Overview – assembly devices	561	www.blum.com/i011
More technical details	662	



Assembly, removal and adjustment

Short-URL
www.blum.com/a420





- ▶ TANDEM
- ▶▶ TANDEM 19 mm – hook and peg variant – single extension

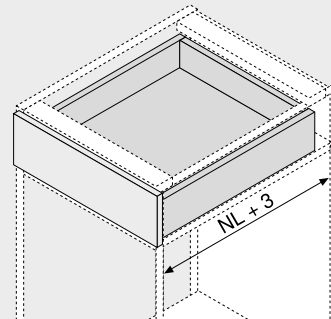
TANDEM BLUMOTION 551F

Webcode
DQHPEM



- Runner for wooden drawers with a panel thickness of 17–19 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- Lift-off stop and height adjustment integrated into runner system

Space requirement



NL Nominal length

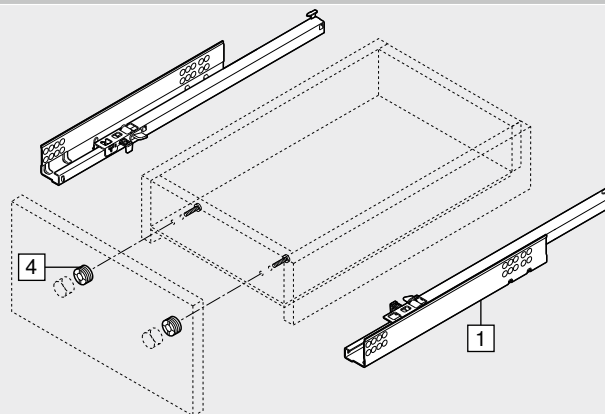
Order information

1	Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
260		551F2601B
310		551F3101B
360		551F3601B
410		551F4101B
460		551F4601B
510		551F5101B
560		551F5601B

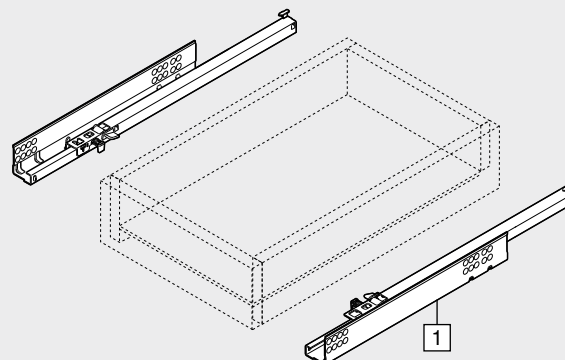
Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

Drawer



Inner drawer

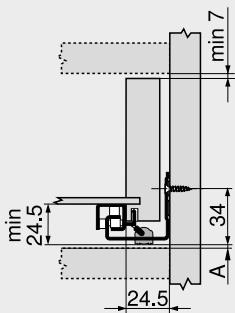


TANDEM BLUMOTION 551F

Webcode
DQHPEM

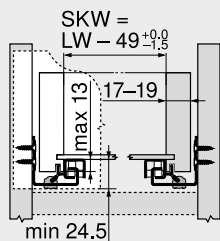
Planning

Space requirement in cabinet



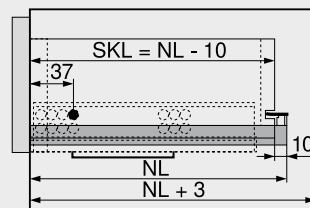
A 3 mm distance to interchange with full extension

Drawer | inner drawer



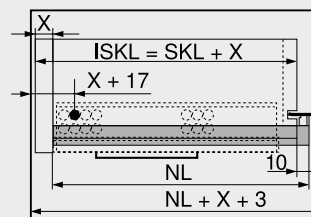
SKW Internal drawer width
 LW Internal cabinet width

Drawer



SKL Drawer length
 NL Nominal length

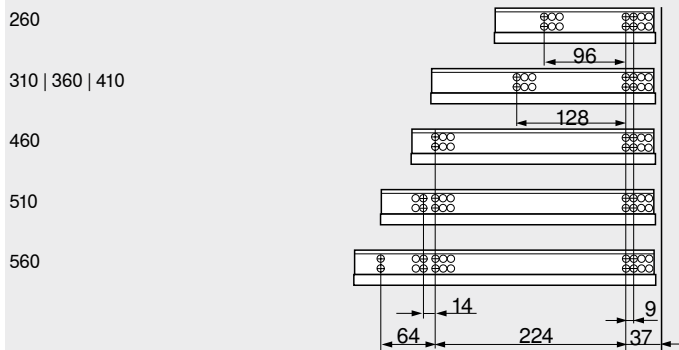
Inner drawer



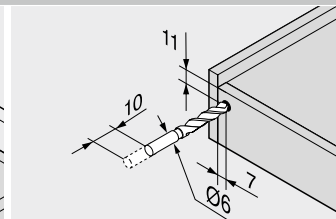
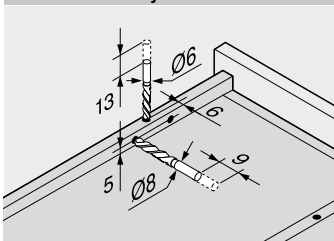
ISKL Inner drawer length
 SKL Drawer length
 NL Nominal length
 X Front thickness

Hole spacing – runners

Nominal length NL (mm)

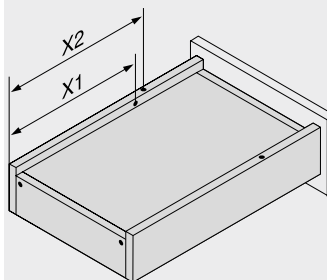


Drawer assembly



Use drilling template T65.1000.02

Drawer assembly



Nominal length NL (mm)	Pegs	
	X2 (mm)	Lift-off stop X1 (mm)
260	205	185
310	230	210
360	275	255
410	300	280
460	335	315
510	360	340
560	405	385

Page instructions

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Assembly, removal and adjustment

Short-URL	www.blum.com/a420
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Runner systems



- ▶ TANDEM
- ▶▶ TANDEM 19 mm – hook and peg variant – single extension

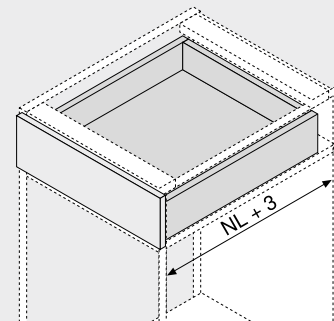
TANDEM 551F

Webcode
DQHQ3Y



- Runner for wooden drawers with a panel thickness of 17–19 mm
- 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
- Low-friction cylindrical rollers ensure a feather-light glide
- Lift-off stop and height adjustment integrated into runner system

Space requirement



NL Nominal length

Order information

1	Runners left/right	
Nominal length NL (mm)	Dynamic carrying capacity (kg)	
260		551F2601
310		551F3101
360		551F3601
410		551F4101
460		551F4601
510		551F5101
560		551F5601

The output path can vary depending on the load or the adjustment!

Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

6a	TIP-ON left/right	
	Dynamic carrying capacity (kg)	Part no.
	30	T55.3150S
Only suitable for TANDEM		

6b	TIP-ON synchronisation pinion set		
	Colour	Version	Part no.
	RAL 7037 dust grey	Semicircular	T55.000R

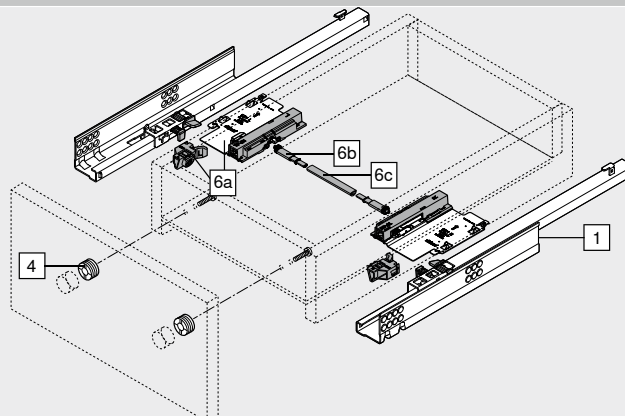
6c	TIP-ON synchronisation linkage	
	Cabinet width KB (mm)	Version
	Up to 1200	Semicircular
		Part no.
		T55.882W

For cutting to size

Starting with cabinet width KB 600 mm

Cutting Internal cabinet width LW – 284 mm

Drawer

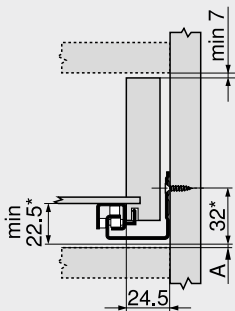


TANDEM 551F

Webcode
DQH3Y

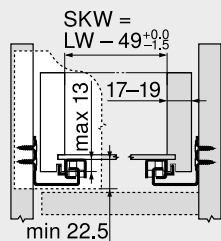
Planning

Space requirement in cabinet



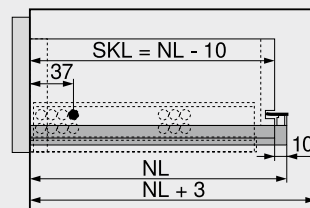
A 5 mm distance to interchange with full extension
* +1 mm with TIP-ON

Drawer | inner drawer



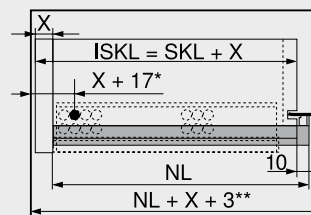
SKW Internal drawer width
LW Internal cabinet width

Drawer



SKL Drawer length
NL Nominal length

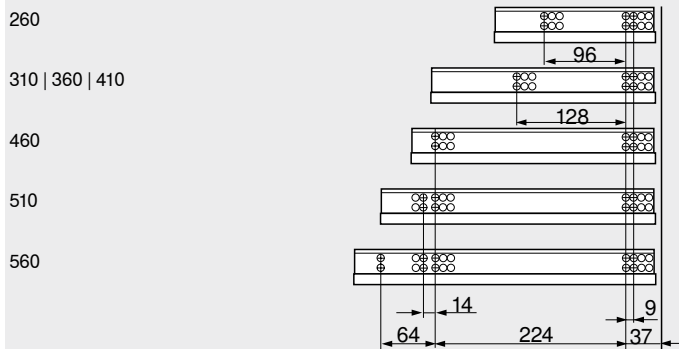
Inner drawer



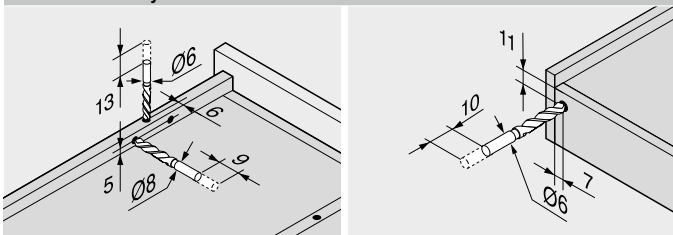
ISKL Inner drawer length
SKL Drawer length
NL Nominal length
X Front thickness
* Additional +6 mm with TIP-ON
** Additional +4 mm with TIP-ON

Hole spacing – runners

Nominal length NL (mm)



Drawer assembly

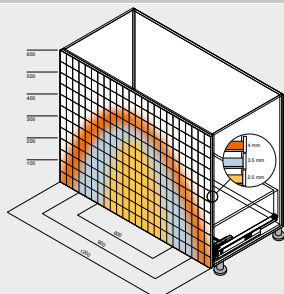


Use drilling template T65.1000.02

Drawer assembly

Nominal length NL (mm)	Pegs		Lift-off stop X1 (mm)
	X2 (mm)	X1 (mm)	
260	205	185	
310	230	210	
360	275	255	
410	300	280	
460	335	315	
510	360	340	
560	405	385	

Trigger range



Example for 560F – 30 kg, nominal length NL 500 mm, four sided drawer, with synchronisation

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Assembly, removal and adjustment

Short-URL
www.blum.com/a420

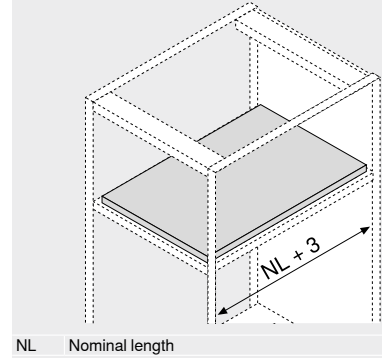


Pull-out shelf lock



- Can be used with **TANDEM full extensions**
- Cannot be used with **TANDEM single extensions**
- Can be combined with **BLUMOTION** and **TIP-ON**
- Two-sided locking mechanism
- Secure hold
- Pull-out shelf lock can be released with one hand thanks to synchronisation shaft
- Easy assembly – fittings serve as template
- Runners are attached to standard fixing positions
- Max. cabinet width 1200 mm

Space requirement



Order information

12	Pull-out shelf lock			
	Runners	Description	Colour	Part no.
	TANDEM	560H 566H 561H	Orion grey matt	295H5700
	TANDEM 19 mm	560F 566F 561F	Orion grey matt	295F5700

Composed of:

12a	2 x Locking mechanism unit
	Fixing only possible with chipboard screws
12b	2 x Latching element
	Fixing possible with chipboard and system screws
-	1 x Installation instructions

12c	Synchronisation linkage		
	Version	Material	Part no.
	Round	Aluminium	ZST.1089W

Pull-out shelf lock can be released with one hand thanks to synchronisation shaft

Cutting	
TANDEM	Internal cabinet width LW – 87 mm ±1 mm
TANDEM 19 mm	Internal cabinet width LW – 94 mm ±1 mm

Alternative to 12c

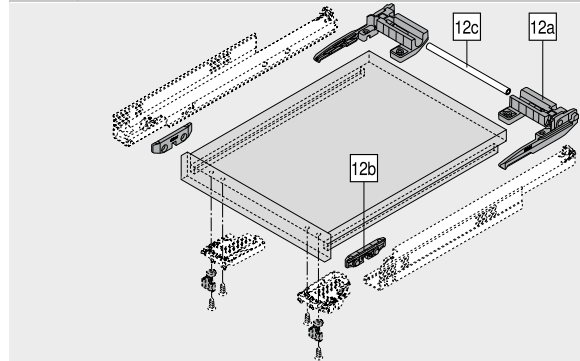
12c	Synchronisation linkage		
	Version	Length (mm)	Part no.
	Round	1160	ZST.1160W

Pull-out shelf lock can be released with one hand thanks to synchronisation shaft

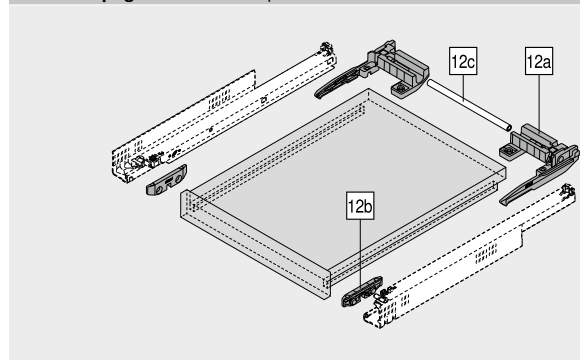
Accessories

-	Chipboard screws		
	Ø (mm)	Length (mm)	Part no.
	3.5	15	609.1500
-	System screws		
	Ø (mm)	Length (mm)	Part no.
	6	14.5	661.1450.HG

Locking device feature – 560H | 566H | 560F | 566F

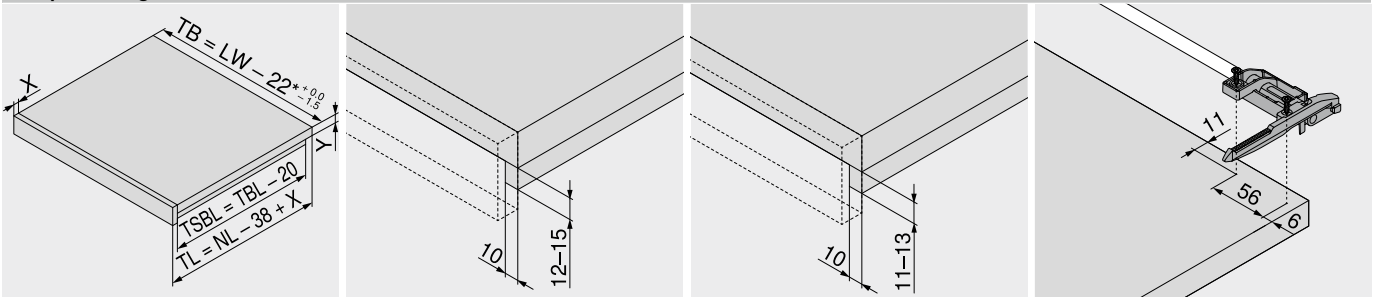


Hook and peg variant – 561H | 561F



Planning

POS processing



NL	Nominal length
LW	Internal cabinet width
TB	Shelf width
TL	Shelf length
TBL	Pull-out shelf base length
TSBL	Pull-out shelf side panel length
X	Pull-out shelf front piece thickness
Y	Pull-out shelf base thickness
*	29 mm with TANDEM 19 mm

Locking device feature – 560H | 566H | 560F | 566F

Hook and peg variant – 561H | 561F

Pull-out shelf lock

Planning

TANDEM 560H | 566H

Space requirement in cabinet	Pull-out shelf	Pull-out shelf	POS inset application
<p>* +3 mm with side stabiliser or +1 mm with TIP-ON</p> <p>** Min. 25 mm when installed in compartment</p>	<p>TB Shelf width</p> <p>LW Internal cabinet width</p>	<p>TBL Pull-out shelf base length</p> <p>NL Nominal length</p> <p>* Additional +12 mm with side stabilisation</p>	<p>TL Shelf length</p> <p>NL Nominal length</p> <p>X Pull-out shelf front piece thickness</p> <p>* Additional +2 mm with POSISTOP or additional +4 mm with TIP-ON</p>

TANDEM 561H

Space requirement in cabinet	Pull-out shelf	Pull-out shelf	POS inset application
<p>* +3 mm with side stabiliser or +1 mm with TIP-ON</p> <p>** Min. 25 mm when installed in compartment</p>	<p>TB Shelf width</p> <p>LW Internal cabinet width</p>	<p>TBL Pull-out shelf base length</p> <p>NL Nominal length</p> <p>* Additional +12 mm with side stabilisation</p>	<p>TL Shelf length</p> <p>NL Nominal length</p> <p>X Pull-out shelf front piece thickness</p> <p>* Additional +4 mm with TIP-ON</p>

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Pull-out shelf lock

Short-URL
www.blum.com/i010

Assembly, removal and adjustment

Short-URL
www.blum.com/a420

Pull-out shelf lock

Planning

TANDEM 560F | 566F

Space requirement in cabinet	Pull-out shelf	Pull-out shelf	POS inset application
<p>* +1 mm with TIP-ON ** Min. 25 mm when installed in compartment</p>	<p>TB Shelf width LW Internal cabinet width</p>	<p>TBL Pull-out shelf base length NL Nominal length</p>	<p>TL Shelf length NL Nominal length X Pull-out shelf front piece thickness * Additional +2 mm with POSISTOP or additional +4 mm with TIP-ON</p>

TANDEM 561F

Space requirement in cabinet	Pull-out shelf	Pull-out shelf	POS inset application
<p>* +1 mm with TIP-ON ** Min. 25 mm when installed in compartment</p>	<p>TB Shelf width LW Internal cabinet width</p>	<p>TBL Pull-out shelf base length NL Nominal length</p>	<p>TL Shelf length NL Nominal length X Pull-out shelf front piece thickness * Additional +4 mm with TIP-ON</p>

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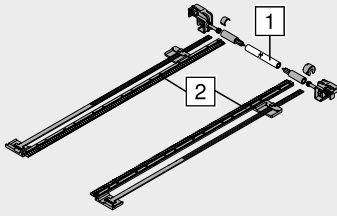
Pull-out shelf lock

Short-URL
www.blum.com/i010

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
- Suitable for:
TANDEM plus BLUMOTION 560H | 566H | 561H
- Not compatible with TIP-ON
- Colour: RAL 7037 dust grey
- Material: nylon

Order information

Nominal length NL (mm)	Part no.
Up to 410	ZST.410TV
Up to 600	ZST.600TV
Up to 750	ZST.750TV

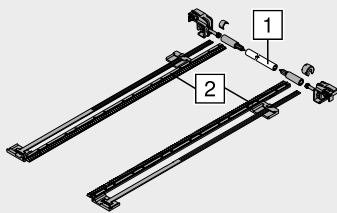
Cutting

- Internal cabinet width LW – 254 mm
- Nominal length NL + 12 mm

Planning

Space requirement in cabinet	Drawer	Space requirement in cabinet	Pull-out shelf
<p>* +3 mm with side stabilisation</p>	<p>SKL Drawer length</p> <p>NL Nominal length</p> <p>* Additional +12 mm with side stabilisation</p>	<p>Pull-out shelf lock</p> <p>* +3 mm with side stabilisation</p> <p>** Min. 25 mm when installed in compartment</p>	<p>Pull-out shelf lock</p> <p>TBL Pull-out shelf base length</p> <p>NL Nominal length</p> <p>* Additional +12 mm with side stabilisation</p>

Side stabilisation set for single extension



- For cutting to size
- Suitable for cabinet width KB 1400 mm
- Suitable for:
TANDEM BLUMOTION 550H | 551H
- Not compatible with TIP-ON
- Colour: RAL 7037 dust grey
- Material: nylon

Order information

Nominal length NL (mm)	Part no.
Up to 400	ZST.410TT
Up to 650	ZST.650TT

Cutting

- Internal cabinet width LW – 222 mm
- Nominal length NL + 12 mm

Planning

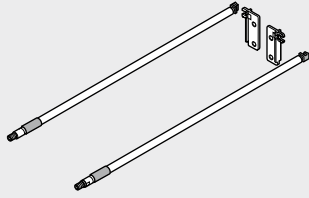
Space requirement in cabinet	Drawer
<p>A 3 mm distance to interchange with full extension</p> <p>* +3 mm with side stabilisation</p>	<p>SKL Drawer length</p> <p>NL Nominal length</p> <p>* Additional +12 mm with side stabilisation</p>

Runner systems



- ▶ TANDEM
- ▶▶ Accessories

Longside gallery rails with back fixing



- Colour: chrome plated
- Material: aluminium

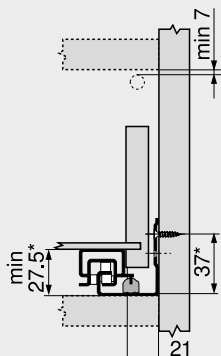
Order information

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

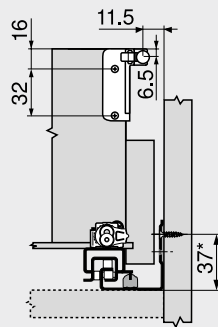
Planning

Space requirement in cabinet



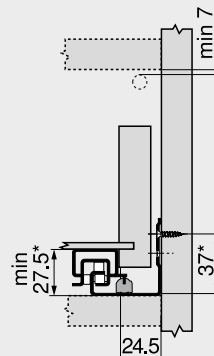
560H | 566H | 561H | 550H | 551H
* +1 mm with TIP-ON

Installation dimensions – back



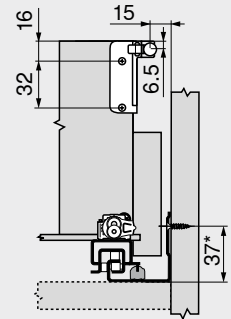
560H | 566H | 561H | 550H | 551H
* +1 mm with TIP-ON

Space requirement in cabinet



560F | 566F | 561F | 550F | 551F
* +1 mm with TIP-ON

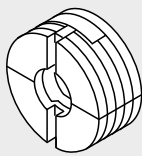
Installation dimensions – back



560F | 566F | 561F | 550F | 551F
* +1 mm with TIP-ON

Runner systems

Front adjuster

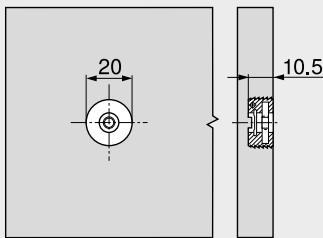


- With threaded steel washer insert
- For 4-sided drawers
- 2-dimensional front adjustment (± 2 mm)
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Front adjuster	295.1000

Planning



Insertion ram for MINIPRESS MZM.0095

Assembly

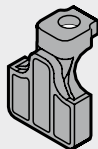
Assembly, removal and adjustment

Short-URL

www.blum.com/a420



POSISTOP



- Depth stop
- Suitable for:
 - TANDEM plus BLUMOTION 560H | 566H | 560F | 566F
 - TANDEM BLUMOTION 550H | 550F
- Only for inset applications
- Colour: RAL 7037 dust grey
- Material: nylon

Order information

Description	Part no.
POSISTOP	298.5500

Assembly, removal and adjustment

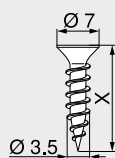


Short-URL

www.blum.com/a420

Chipboard screws

Ø 3.5 mm



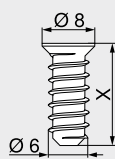
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

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
- Colour: nickel plated
- Material: steel

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

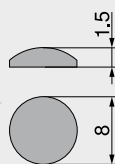
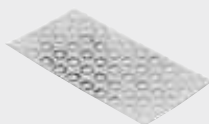


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer

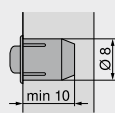


- For noise reduction
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Stick-on door buffer	993.710

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

Order information

Description	Part no.
8 mm Ø door buffer	993.706

Runner systems



- ▶ TANDEM
- ▶▶ Accessories

Pozidrive screwdriver



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

Order information

Description	Part no.
Pozidrive screwdriver	303.756.1

Slotted screwdriver



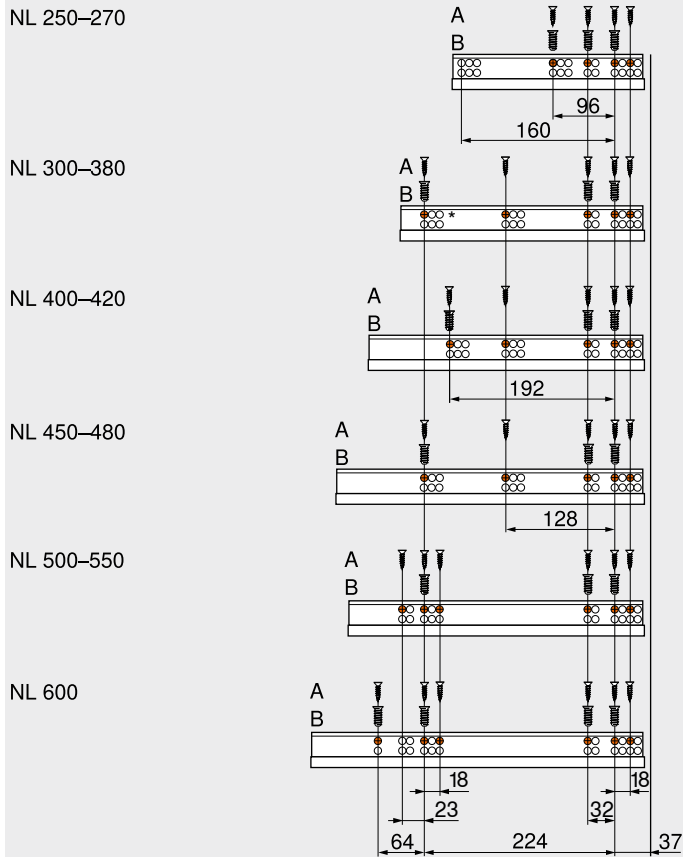
- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Colour: black/orange
- Material: nylon/steel

Order information

Description	Part no.
Slotted screwdriver	314.928.1

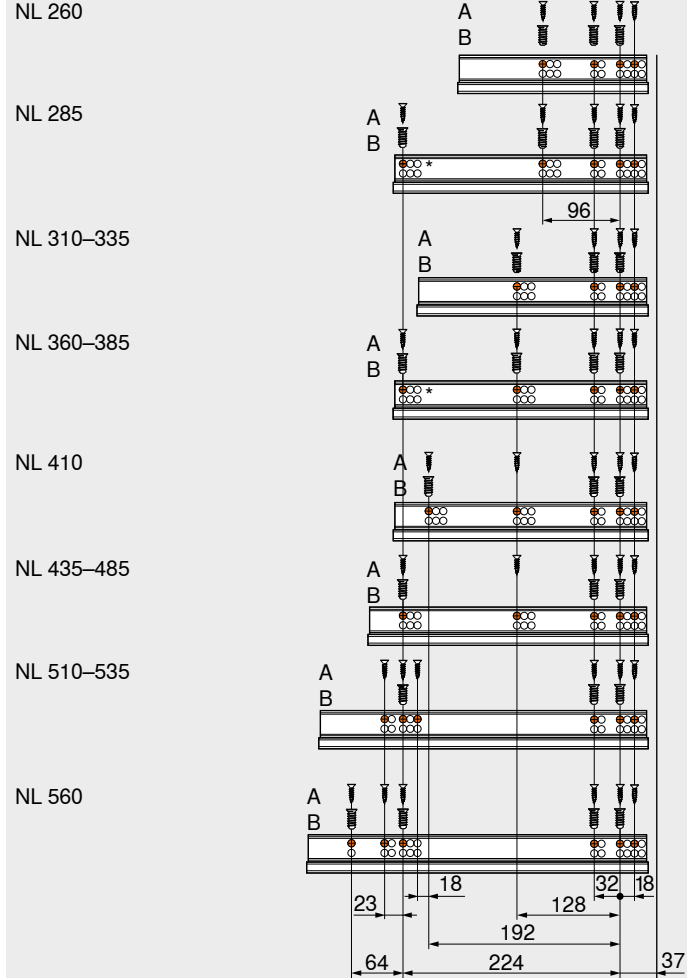


Runner 560H | 560F – 30 kg



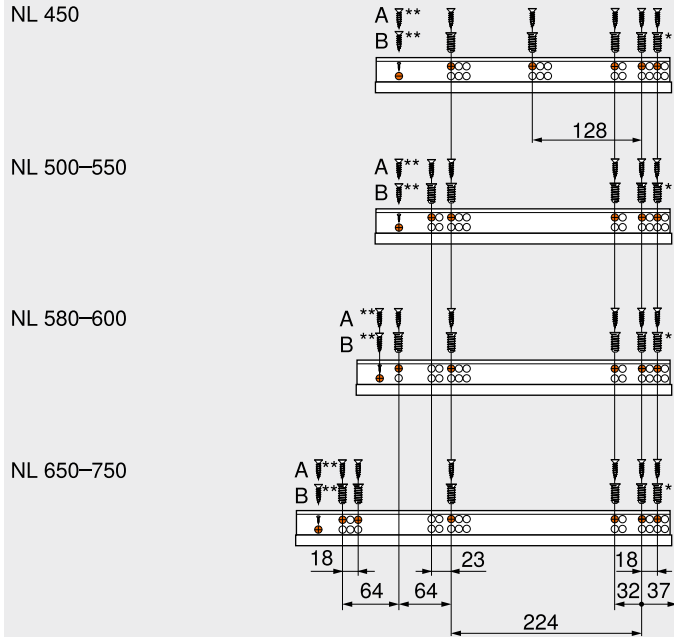
NL Nominal length
A Chipboard screws Ø 4 x 15 mm
B System screws, part no. 661.1450.HG
* BLUMOTION

Runner 561H | 561F – 30 kg



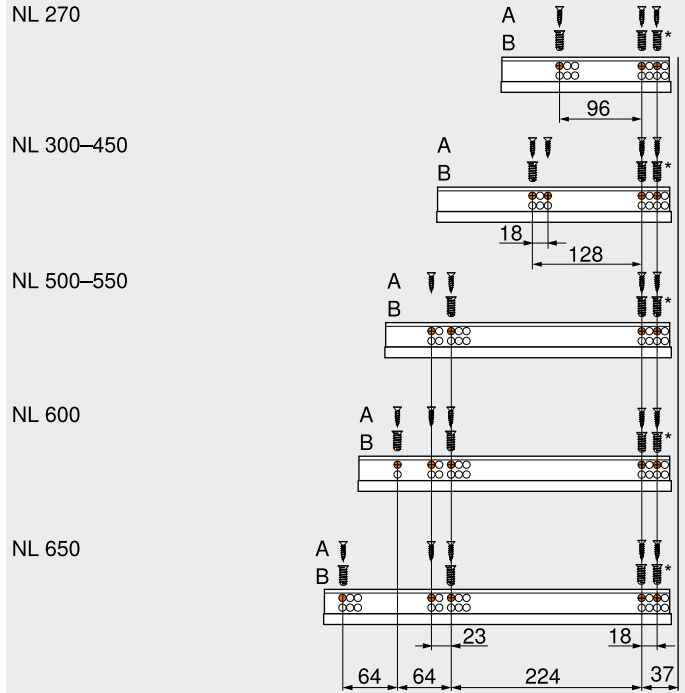
NL Nominal length
A Chipboard screws Ø 4 x 15 mm
B System screws, part no. 661.1450.HG
* BLUMOTION

Runner 566H | 566F – 50 kg



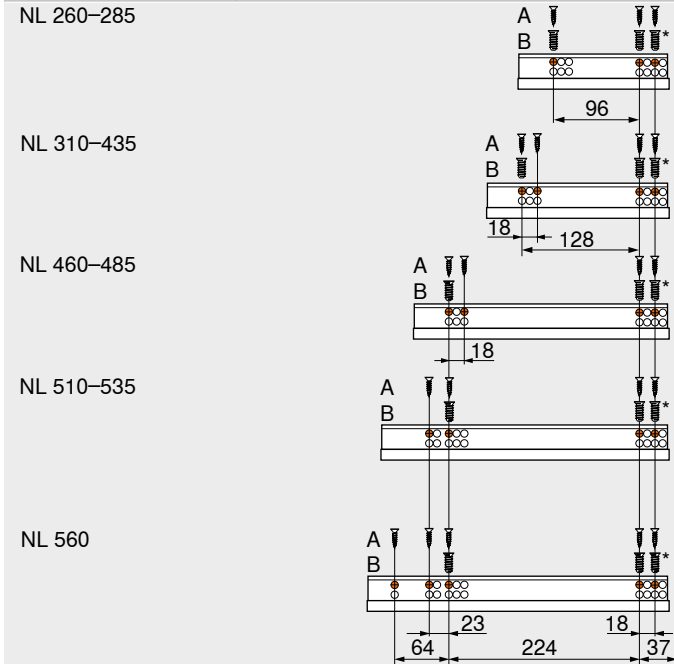
NL Nominal length
 A Chipboard screws \varnothing 4 x 15 mm
 B System screws, part no. 661.1450.HG
 * Can be replaced with chipboard screw \varnothing 4 x 15 mm
 ** Optional for greater stability

Runner 550H | 550F – 30 kg



NL Nominal length
 A Chipboard screws \varnothing 4 x 15 mm
 B System screws, part no. 661.1450.HG
 * Can be replaced with chipboard screw \varnothing 4 x 15 mm

Runner 551H | 551F – 30 kg



NL Nominal length
 A Chipboard screws \varnothing 4 x 15 mm
 B System screws, part no. 661.1450.HG
 * Can be replaced with chipboard screw \varnothing 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 and closing is that easy



A light touch on the front is enough and drawers open as if by themselves. BLUMOTION provides silent and effortless closing action

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

	Overview – runner systems	377	
	▶ MOVENTO	378	
	▶ TANDEM	408	
▶▶ Applications			
	Standard cabinet	456	Cabinet with inset fronts 480
	Sink cabinet	462	SERVO-DRIVE uno for bottom mount waste bin solutions – MOVENTO TANDEM 484
	Two drawers with a continuous front	466	
	Cabinet with different drawer depths inner drawer	470	
	Cabinet with individual drawer	476	
▶▶ Accessories			
	Cable holder	486	
	Synchronisation cable	486	
	COMBOX set	487	
▶▶ Assembly, removal and adjustment			
	Assembly, removal and adjustment		Machine directive 665 Detailed information on the Machine Directive
	Short-URL		Short-URL
	www.blum.com/a450		www.blum.com/sd/guideline

Pictograph



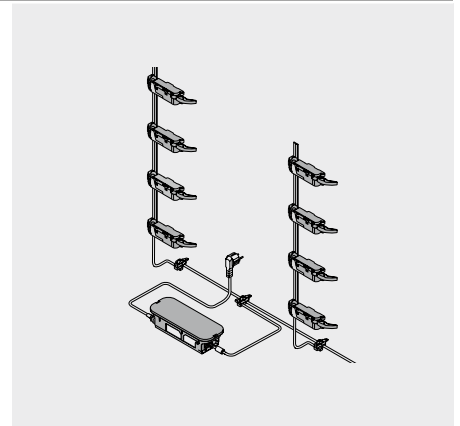
Item Available Upon Request




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

Cutting Internal cabinet height LH – 10 mm


3a	Bracket profile attachment top/bottom			
	Cross bar construction horizontal			
	Colour	Material		Part no.
	R7037	Nylon		Z10D01E0.01

Alternative to 3a

3b	Bracket profile attachment lower/back			
	Cross bar construction vertical			
	Colour	Material		Part no.
	R7037	Nylon		Z10D01EA.01


Incl. bracket profile cover cap

9	Drive unit			
	Colour	Material		Part no.
	R7037	Nylon		Z10A3000.03
Includes pre-assembled lever extension				

11	Distribution cable and cable end protector			
	Colour	Length (m)		Part no.
	S	8		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			
	Colour	Material		Part no.
	S	Nylon		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	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		

Incl. instruction leaflet and installation instructions
Without flex

Language package

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

Language descriptions as per ISO-639

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

¹ Without plug

15a Transformer unit housing

Base fixing

	Colour	Material	Part no.
	R7037	Nylon	Z10NG000

Incl. cover
For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

	Colour	Material	Part no.
	WGR	Nylon	Z10NG120

For Blum transformer 24 W

Accessories

Cable holder			
	Colour	Material	Part no.
	W	Nylon	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			
	Colour	Material	Part no.
	S	Nylon	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

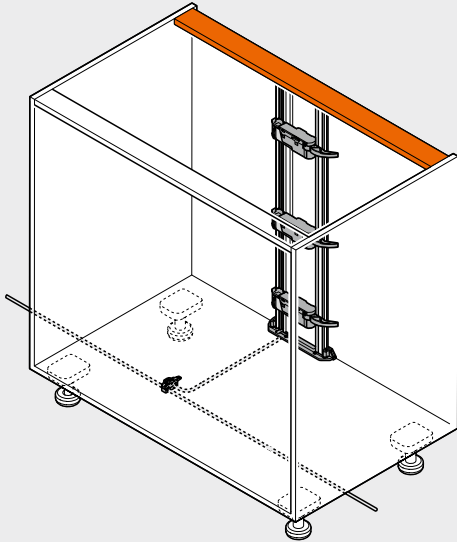
Overview – SERVO-DRIVE for MOVENTO TANDEM	455	Overview – assembly devices	561	Assembly, removal and adjustment
Overview – MOVENTO	379	Machine directive	665	
Overview – TANDEM	409	More technical details	662	
Planning – horizontal cross member	458			Short-URL
Planning – vertical cross member	460			www.blum.com/a450
Accessories	486			

Standard cabinet

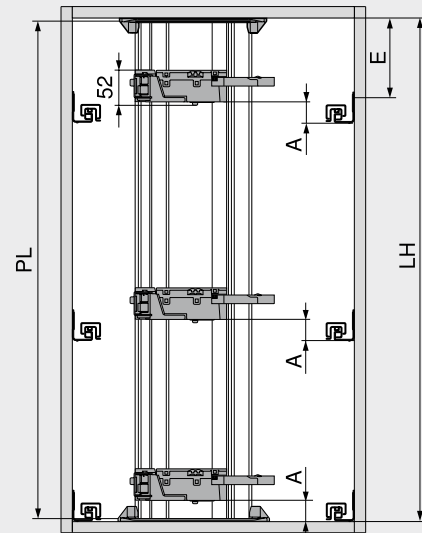
Planning

Cross bar construction horizontal

Cabinet



Position – drive unit



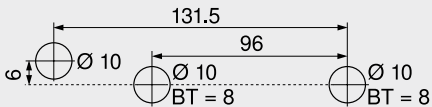
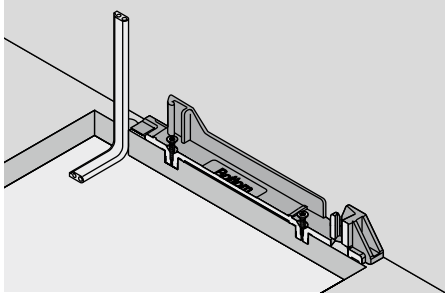
PL = LH – 10 mm
 Round down to the nearest tenth
 A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the runner
 LH Internal cabinet height
 PL Bracket profile length

Position – drive unit

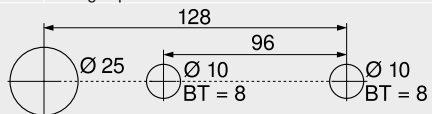
Runner systems	Drawer height SKH (mm)	Internal cabinet width LW (mm)					
		224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	74	35	49
TANDEM	≥ 79	55	71	55	71	35	51
A	Distance between the bottom edge of the cabinet profile and the bottom edge of the 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

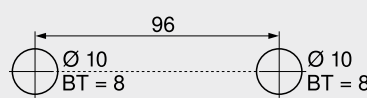
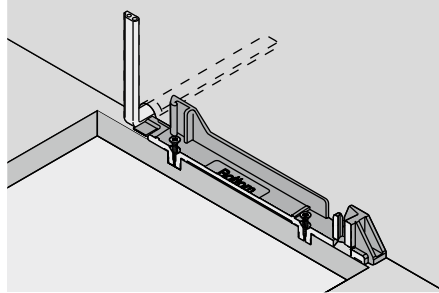


BT Drilling depth



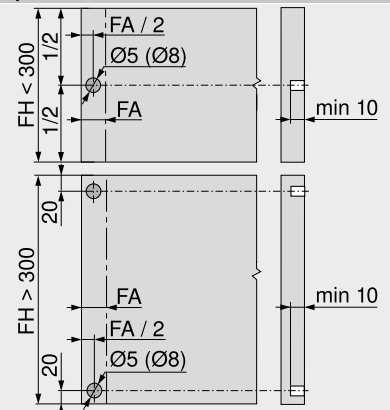
Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

Back cabling



BT Drilling depth

Front assembly – position of Blum distance bumper



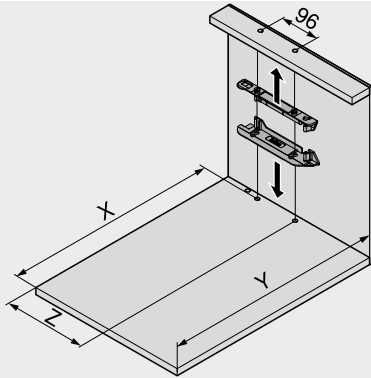
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 FA Front overlay
 FH Front height

Standard cabinet

Planning

Cross bar construction horizontal

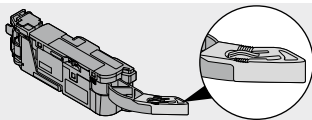
Drilling distances – base | cross bar



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	

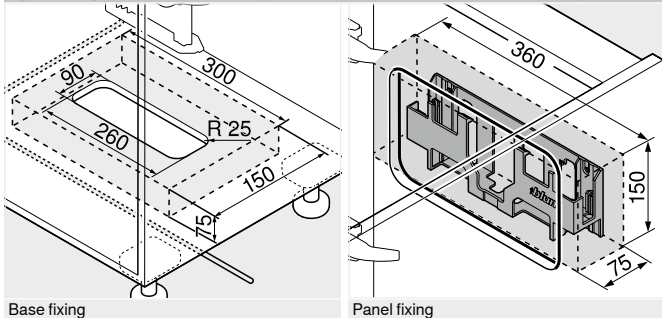
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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			●	Required				
Z	Dimension of engagement			–	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

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Overview – TANDEM	409	More technical details	662	
Planning – vertical cross member	460			Short-URL
Accessories	486			www.blum.com/a450

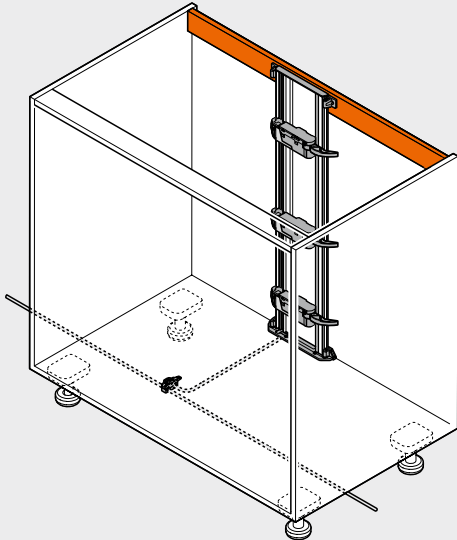


Standard cabinet

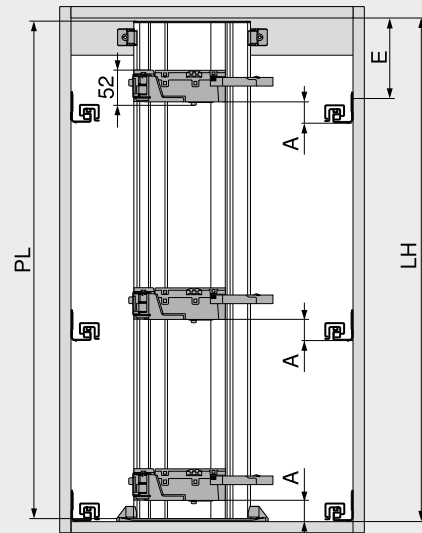
Planning

Cross bar construction vertical

Cabinet



Position – drive unit



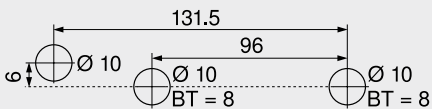
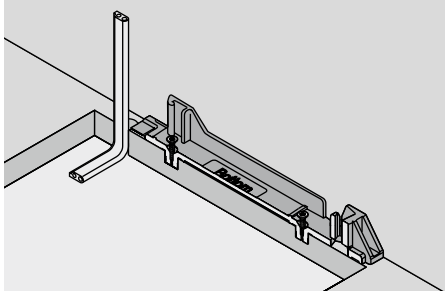
PL = LH – 10 mm
 Round down to the nearest tenth
 A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the runner
 LH Internal cabinet height
 PL Bracket profile length

Position – drive unit

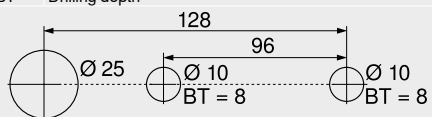
Runner systems	Drawer height SKH (mm)	Internal cabinet width LW (mm)					
		224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	84	35	54
TANDEM	≥ 79	55	81	55	81	35	61
A	Distance between the bottom edge of the cabinet profile and the bottom edge of the 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

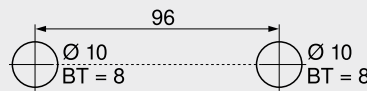
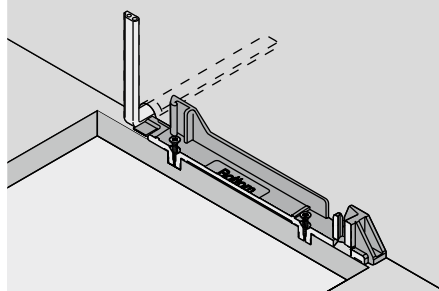


BT Drilling depth



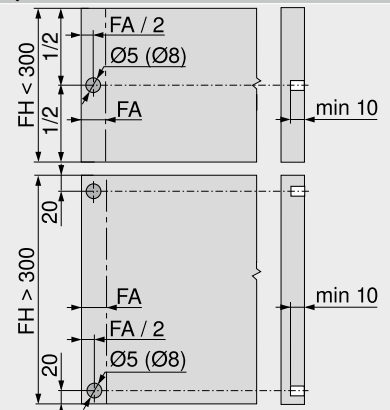
Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

Back cabling



BT Drilling depth

Front assembly – position of Blum distance bumper



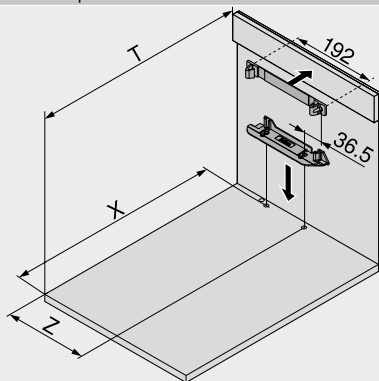
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 FA Front overlay
 FH Front height

Standard cabinet

Planning

Cross bar construction vertical

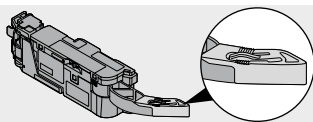
Drilling distances – base | cross bar



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	

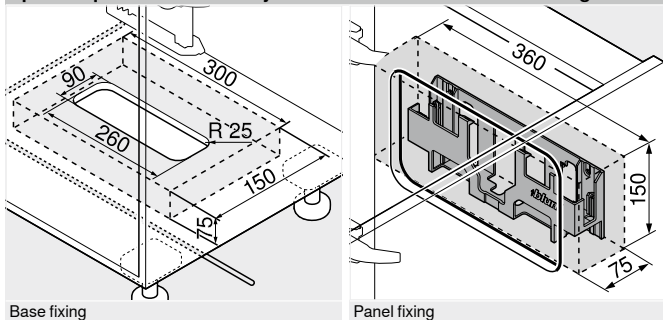
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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			●	Required				
Z	Dimension of engagement			–	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

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Overview – TANDEM	409	More technical details	662	
Planning – horizontal cross member	458			Short-URL
Accessories	486			www.blum.com/a450

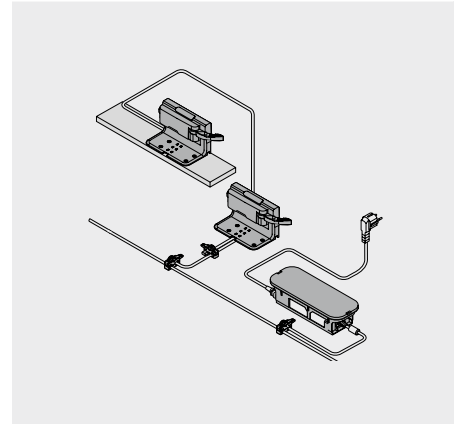









Sink cabinet





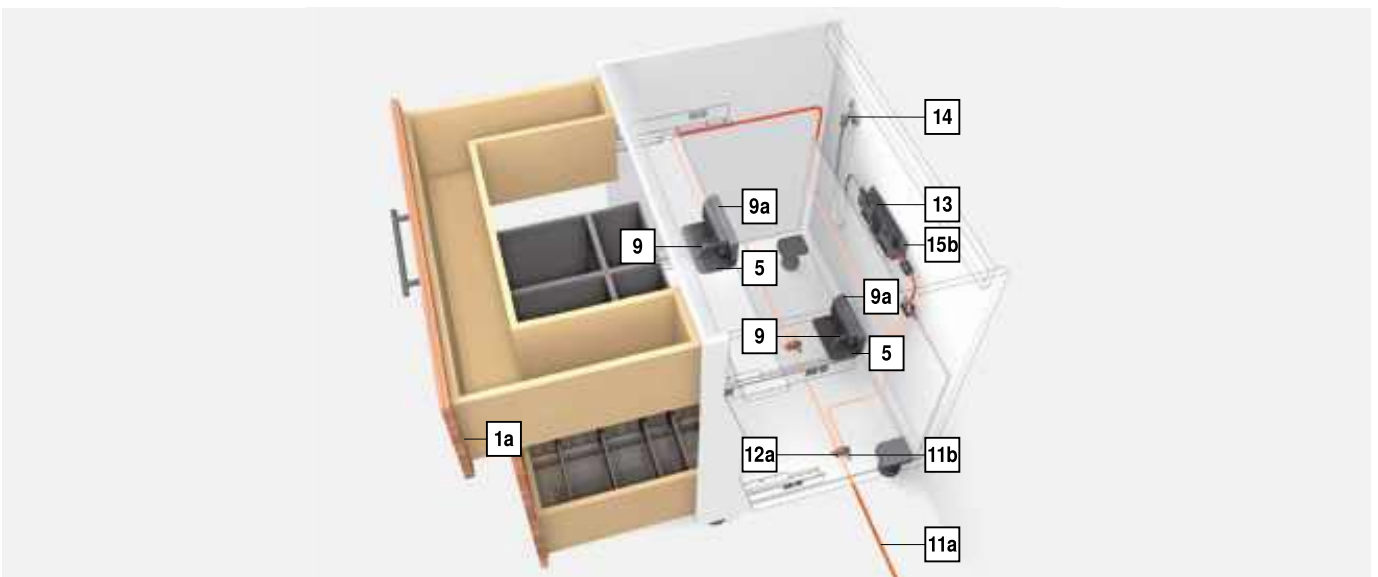
- Electrical opening support system in conjunction with BLUMOTION – for silent and effortless closing action
- With attachment bracket
- No fixed connection to the drive system
- Pull-outs can be used unchanged
- Quick assembly of pre-mounted parts



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		
	Colour	Material	Part no.
	R7037	Nylon	Z10D0311
9	Drive unit		
	Colour	Material	Part no.
	R7037	Nylon	Z10A3000.03
	Includes pre-assembled lever extension		
9a	Protection against dripping water		
	Colour	Material	Part no.
	R7037	Nylon	Z10D0316
11	Distribution cable and cable end protector		
	Colour	Length (m)	Part no.
	S	8	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			
	Colour	Material	Part no.	
	S	Nylon	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	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		
	Incl. instruction leaflet and installation instructions			
	Without flex			
	Language package			
	A	DE EN FR IT NL	F	BG ET LT LV RO RU
	B	DA EN FI NO SV	G	EN ES FR
	C	EL EN HR SL SR TR	H	EN ZH
	D	EN ES FR IT PT	J	JA
	E	CS HU PL SK		
	Language descriptions as per ISO-639			



Sink cabinet

Order information

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

¹ Without plug

Accessories

Cable holder			
Colour	Material	Part no.	
W	Nylon	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		

15a Transformer unit housing

Base fixing

Colour	Material	Part no.
R7037	Nylon	Z10NG000

Incl. cover
For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

Colour	Material	Part no.
WGR	Nylon	Z10NG120

For Blum transformer 24 W

Page instructions

Overview – SERVO-DRIVE for MOVENTO TANDEM	455	Machine directive	665
Overview – MOVENTO	379	More technical details	662
Overview – TANDEM	409		
Planning	464		
Accessories	486		
Overview – assembly devices	561		

Assembly, removal and adjustment

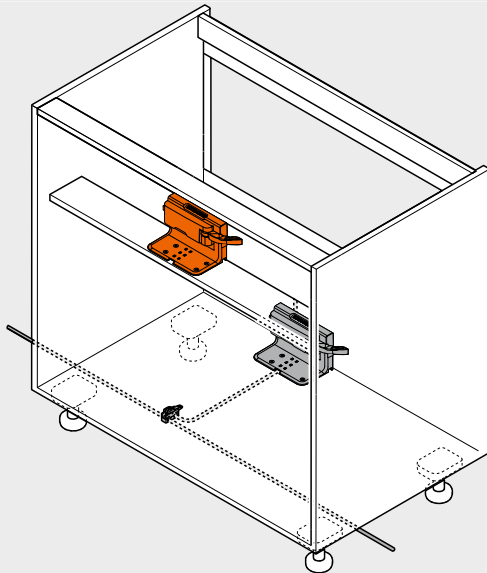
Short-URL
www.blum.com/a450



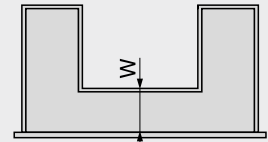
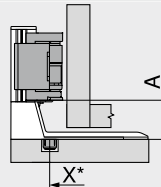
Sink cabinet

Planning

Cabinet



Cross member – attachment bracket 1 tier



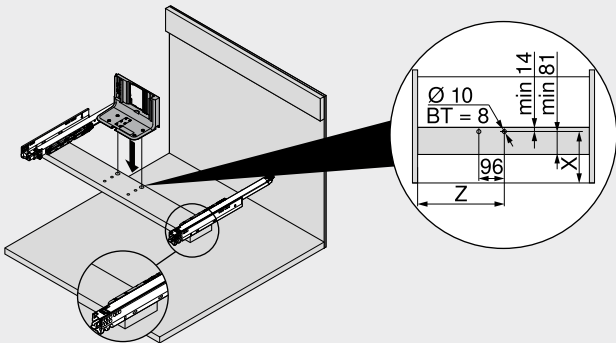
Centre piece
 X Drilling position
 * Measured from cabinet front edge

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

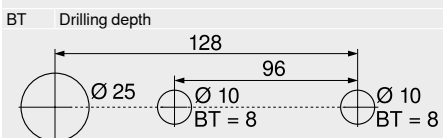
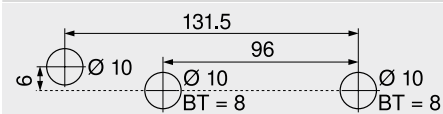
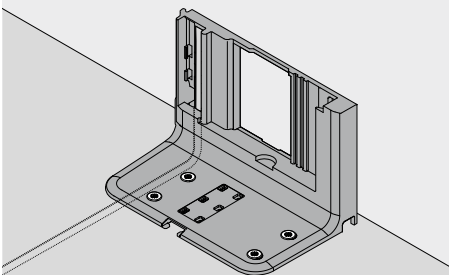


Runner systems	Drawer height SKH (mm)	Internal cabinet width LW (mm)	
		X (mm)	Z (mm)
MOVENTO	≥ 79	W + 24	LW / 2
TANDEM	≥ 79	W + 24	LW / 2

X Drilling position
 Z Dimension of engagement
 W Distance between the front edge of the drawer base and the centre piece
 BT Drilling depth

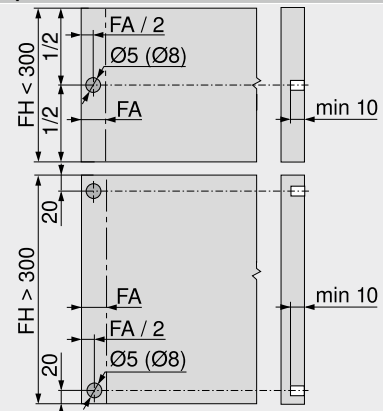
Cabinet bottom – drilling pattern

Lower cabling



Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

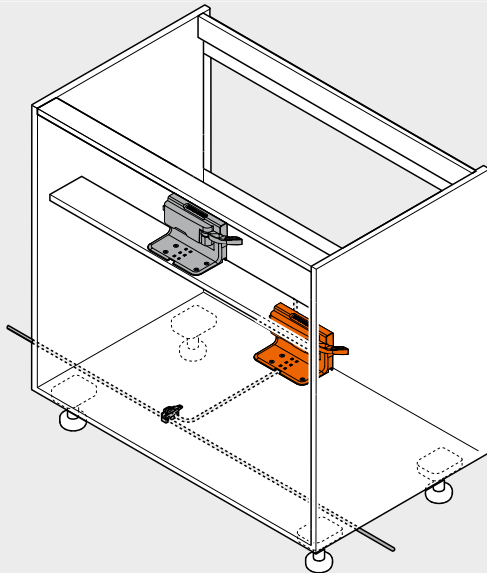
Front assembly – position of Blum distance bumper



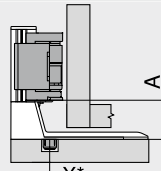
The Blum distance bumper creates and maintains the required trigger path of 2 mm
 FA Front overlay
 FH Front height

Sink cabinet

Planning Cabinet



Cabinet bottom – attachment bracket 1 tier

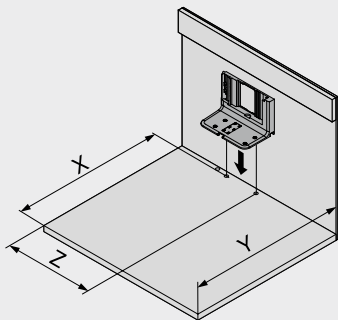


X Drilling position
* Measured from cabinet front edge

Runner systems	Drawer height SKH (mm)	Internal cabinet width LW (mm)
		A (mm)
MOVENTO	≥ 79	≥ 429 35
TANDEM	≥ 79	35

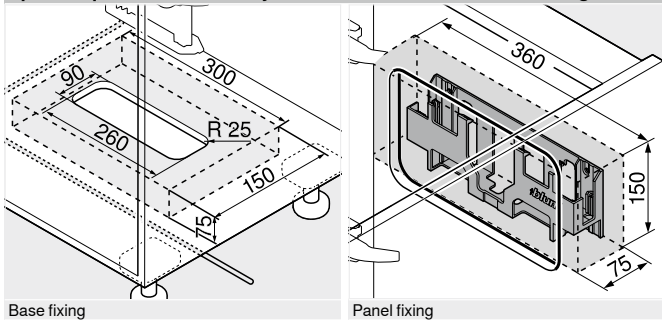
A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

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

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Overview – TANDEM	409			Short-URL www.blum.com/a450
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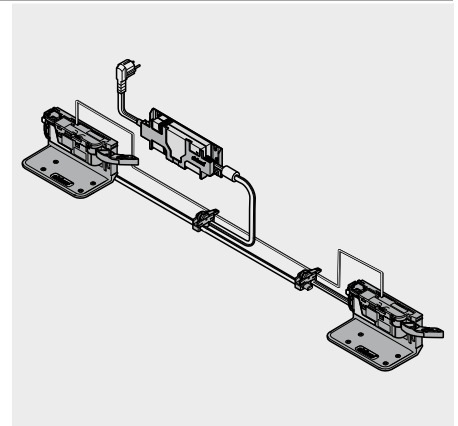




Two drawers with a continuous front



- 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		
	Colour	Material	Part no.
	R7037	Nylon	Z10D0311

9	Drive unit		
	Colour	Material	Part no.
	R7037	Nylon	Z10A3000.03
Includes pre-assembled lever extension			

11	Distribution cable and cable end protector		
	Colour	Length (m)	Part no.
	S	8	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		
	Colour	Material	Part no.
	S	Nylon	Z10V100E.01

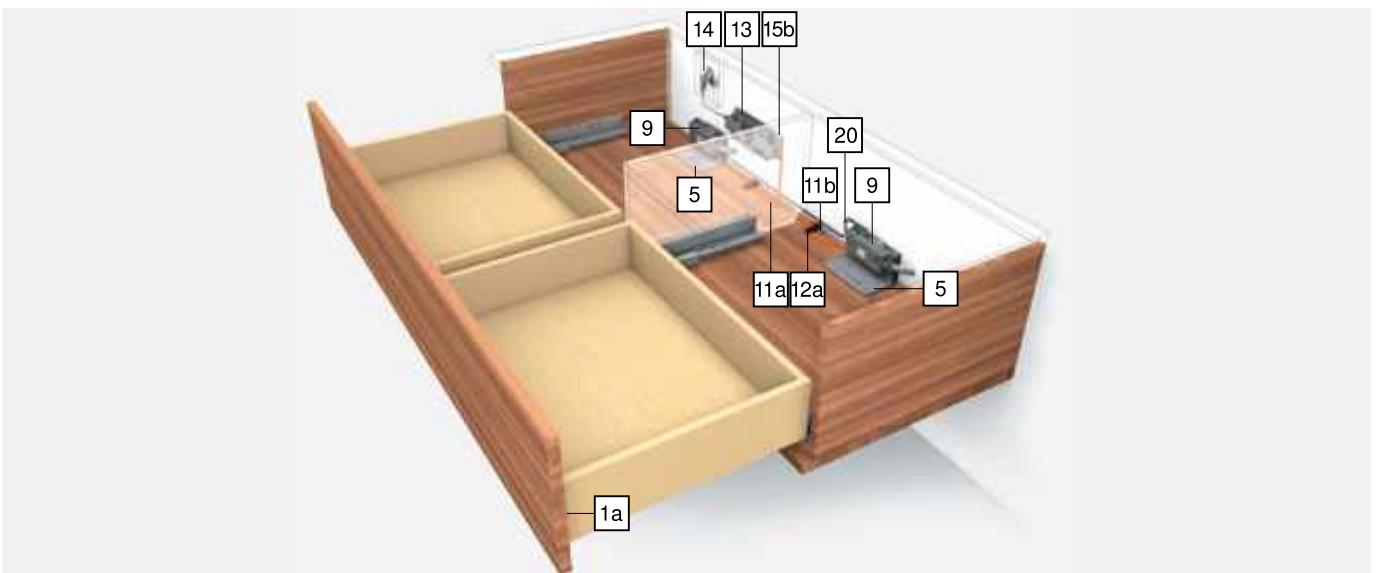
Composed of:
12a 1 x Connecting node
11b 2 x Cable end protector

13	Blum transformer 24 W			
	Language package	Part no.	Language package	Part no.
	A	Z10NE030A	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		

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
J JA
 Language descriptions as per ISO-639

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

¹ Without plug



Two drawers with a continuous front

Order information

15a Transformer unit housing

Base fixing

Colour	Material	Part no.
R7037	Nylon	Z10NG000

Incl. cover
For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

Colour	Material	Part no.
WGR	Nylon	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

Accessories

Cable holder

Colour	Material	Part no.
W	Nylon	Z10K0009

For example, for securing the distribution cable

Colour	Colour
R7037 RAL 7037 dust grey	WGR White grey
S Black	W White

Page instructions

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Assembly, removal and adjustment

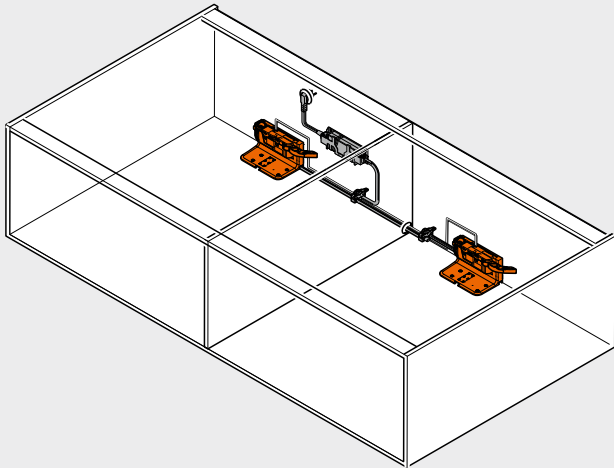
Short-URL
www.blum.com/a450



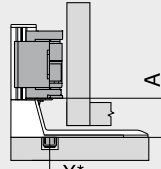
Two drawers with a continuous front

Planning

Cabinet



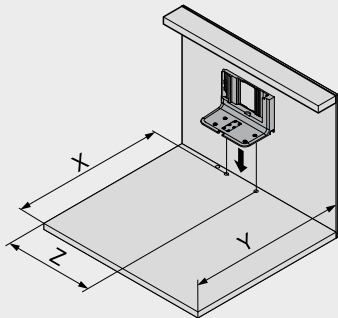
Cabinet bottom – attachment bracket 1 tier



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	

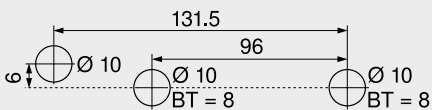
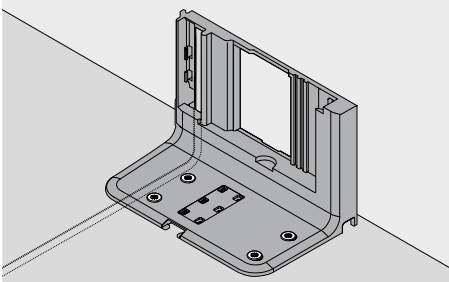
Cabinet bottom – attachment bracket 1 tier



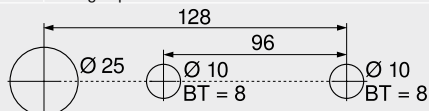
Drawer height SKH (mm)	X (mm)	Y (mm)	Z (mm)
≥ 79	NL + 16	NL + 30	LW / 2
LW	Internal cabinet width		
NL	Nominal length		
X	Drilling position		
Y	Min. space requirement		
Z	Dimension of engagement		

Cabinet bottom – drilling pattern

Lower cabling

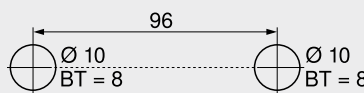
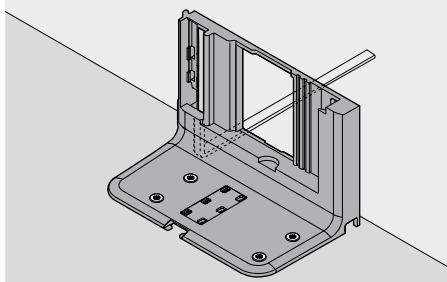


BT Drilling depth



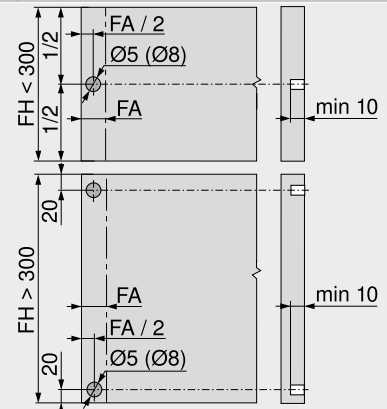
Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

Back cabling



BT Drilling depth

Front assembly – position of Blum distance bumper

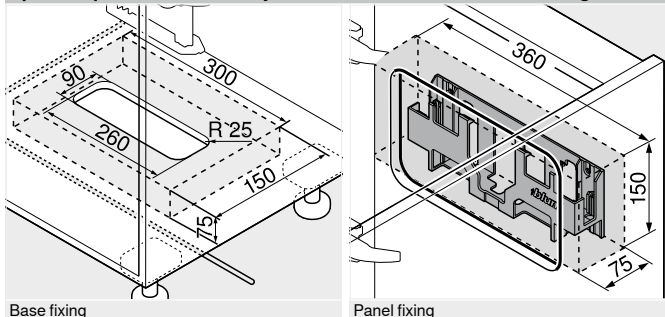


The Blum distance bumper creates and maintains the required trigger path of 2 mm
FA Front overlay
FH Front height

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

Runner systems

Page instructions

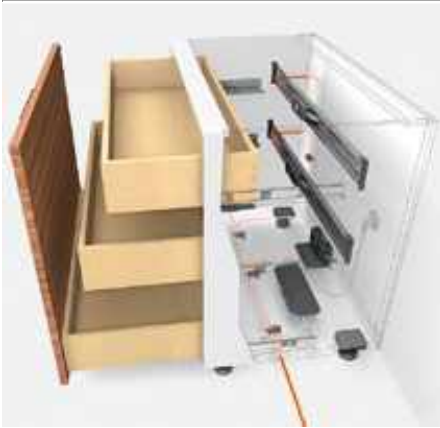
Overview – SERVO-DRIVE for MOVENTO TANDEM	455	Machine directive	665	Assembly, removal and adjustment
		More technical details	662	
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Short-URL
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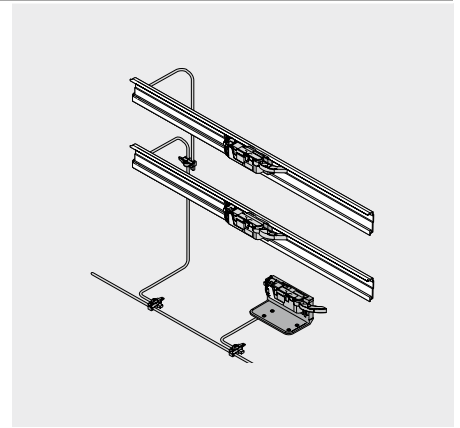




Cabinet with different drawer depths | inner drawer



- 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				
Colour	Material	Part no.		
R7037	Nylon	Z10D0311		

6 Bracket profile horizontal				
Length (mm)	Material	Part no.		
1143	Aluminium	Z10T1143B		

For cabinet width KB 275–1200 mm
Cutting Internal cabinet width LW – 19 mm

7 Horizontal bracket profile attachment				
Colour	Material	Part no.		
R7037	Nylon	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				
Colour	Material	Part no.		
R7037	Nylon	Z10A3000.03		

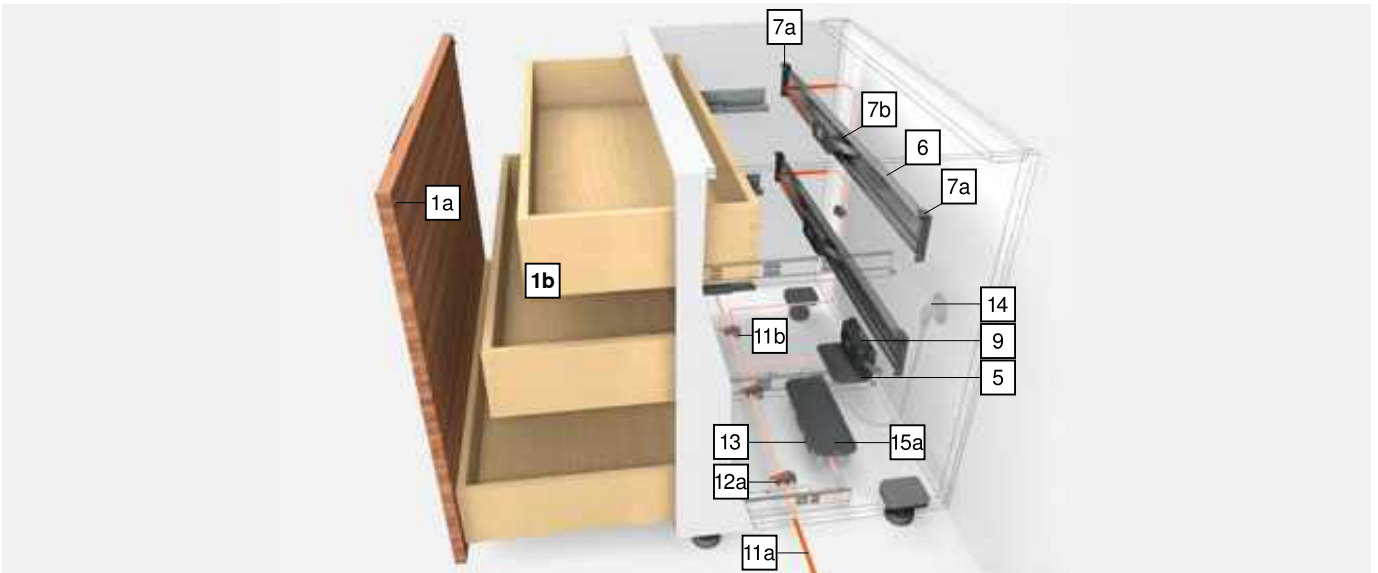
Includes pre-assembled lever extension

11 Distribution cable and cable end protector				
Colour	Length (m)	Part no.		
S	8	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				
Colour	Material	Part no.		
S	Nylon	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	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		

Incl. instruction leaflet and installation instructions
Without flex

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

Language descriptions as per ISO-639

14	Flex				
	Market	Part no.	Market	Part no.	
	AR	Z10M200A	JP	Z10M200J	
	UK	Z10M200B	AU	Z10M200K	
	CH	Z10M200C	CL	Z10M200L	
	DK	Z10M200D	CN	Z10M200N	
	Europe	Z10M200E	BR	Z10M200S.01	
	Europe ¹	Z10M200E.OS	TW	Z10M200T	
	IN	Z10M200H	US CA	Z10M200U	
	IL	Z10M200I	ZA	Z10M200Z	
	¹ Without plug				

15a	Transformer unit housing			
Base fixing				
	Colour	Material	Part no.	
	R7037	Nylon	Z10NG000	

Incl. cover
For Blum transformer 24 W

Alternative to 15a				
15b	Transformer unit housing			
Panel fixing				
	Colour	Material	Part no.	
	WGR	Nylon	Z10NG120	

For Blum transformer 24 W

Accessories

Cable holder			
	Colour	Material	Part no.
	W	Nylon	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

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Assembly, removal and adjustment

Short-URL
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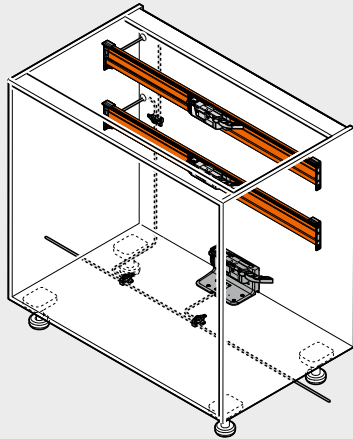


Cabinet with different drawer depths | inner drawer

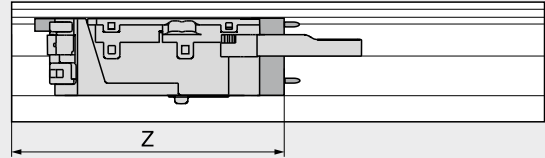
Planning

Bracket profile horizontal

Cabinet



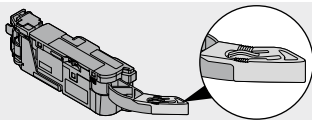
Position – drive unit



Z Dimension of engagement

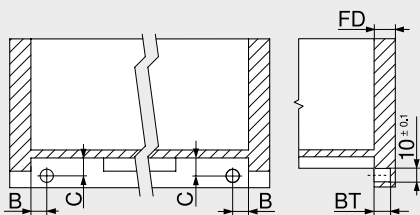
Position – drive unit

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	167	–	167	●	167	●	LW / 2	●
TANDEM	≥ 79	167	–	167	●	LW / 2	●	LW / 2	●
LW	Internal cabinet width			● Required					
Z	Dimension of engagement			– Not possible					



Lever extension

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 56XF	Full extension	16.5 ±1	12.0 ±1
55XH 55XF	Single extension	18.5 ±0.5	13.5 ±0.5

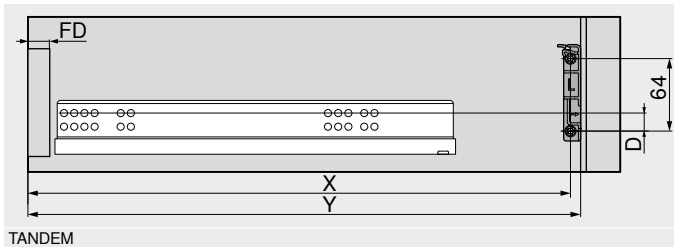
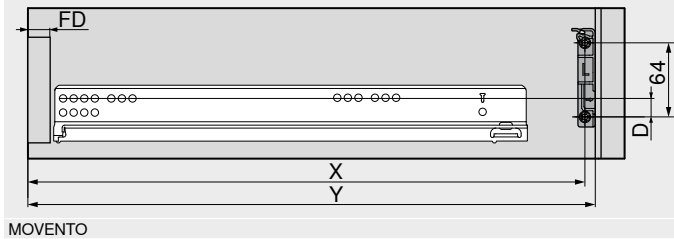
Front thickness FD (mm)	Drilling depth BT (mm)	Adjustment area (mm)
13.0	10.0	+1.75 / -0.25
Starting at 14.5	11.5	±1.75

Cabinet with different drawer depths | inner drawer

Planning

Bracket profile horizontal

Drilling distances



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)	
		224–428	≥ 429
MOVENTO	≥ 79	D (mm)	D (mm)
TANDEM	≥ 79	-5	19
D		-5	19

D Distance from cabinet profile fixing position to bracket profile attachment fixing position

Page instructions

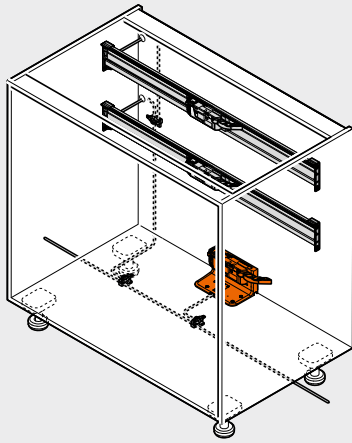
Overview – SERVO-DRIVE for MOVENTO TANDEM	455	Machine directive	665	Assembly, removal and adjustment	
		More technical details	662		
Overview – MOVENTO	379				
Overview – TANDEM	409				
Accessories	486				
Overview – assembly devices	561			Short-URL	
				www.blum.com/a450	

Cabinet with different drawer depths | inner drawer

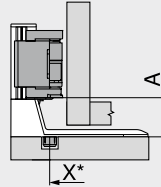
Planning

Attachment bracket 1 tier

Cabinet



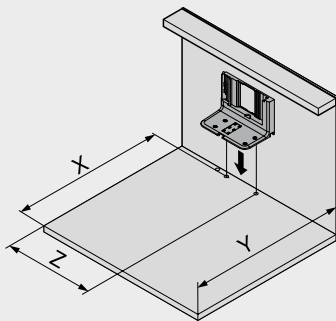
Cabinet bottom – attachment bracket 1 tier



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
TANDEM	≥ 79	35
A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit		

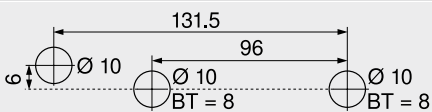
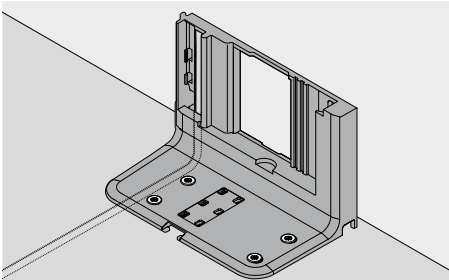
Cabinet bottom – attachment bracket 1 tier



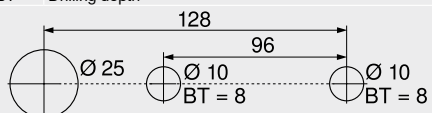
Drawer height SKH (mm)	X (mm)	Y (mm)	Z (mm)
≥ 79	NL + 16	NL + 30	LW / 2
LW	Internal cabinet width		
NL	Nominal length		
X	Drilling position		
Y	Min. space requirement		
Z	Dimension of engagement		

Cabinet bottom – drilling pattern

Lower cabling

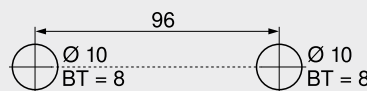
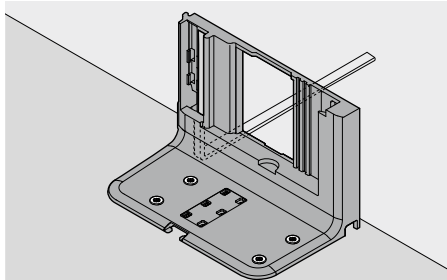


BT Drilling depth



Alternative drilling pattern for PRO-CENTER and MINIPRESS
BT Drilling depth

Back cabling

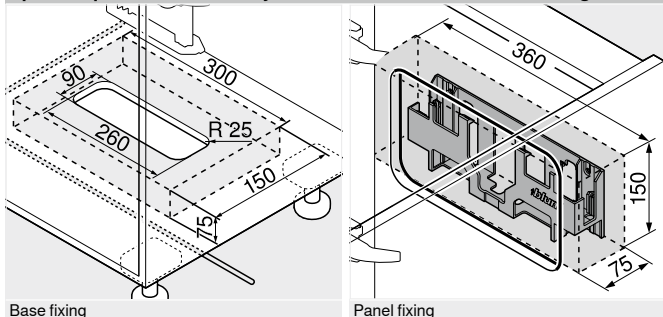


BT Drilling depth

Cabinet with different drawer depths | inner drawer

Planning

Space requirement and safety distance – transformer unit housing



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

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Overview – MOVENTO	379			
Overview – TANDEM	409			
Accessories	486			
Overview – assembly devices	561			

Short-URL
www.blum.com/a450

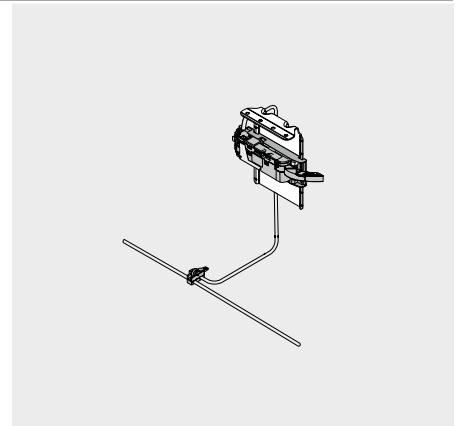





Cabinet with individual drawer




- 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		
	Colour	Material	Part no.
	R7037/ZN	Steel	Z10D6252
Incl. pre-mounted adapter for the drive unit			

9	Drive unit		
	Colour	Material	Part no.
	R7037	Nylon	Z10A3000.03
Includes pre-assembled lever extension			

11	Distribution cable and cable end protector		
	Colour	Length (m)	Part no.
	S	8	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		
	Colour	Material	Part no.
	S	Nylon	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	F	Z10NE030F
	B	Z10NE030B	G	Z10NE030G
	C	Z10NE030C	H	Z10NE030H
	D	Z10NE030D	J	Z10NE030J
	E	Z10NE030E		
Incl. instruction leaflet and installation instructions				
Without flex				
Language package				
A	DE EN FR IT NL	F	BG ET LT LV RO RU	
B	DA EN FI NO SV	G	EN ES FR	
C	EL EN HR SL SR TR	H	EN ZH	
D	EN ES FR IT PT	J	JA	
E	CS HU PL SK			
Language descriptions as per ISO-639				



Cabinet with individual drawer

Order information

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

¹ Without plug

Accessories

Cable holder			
Colour	Material	Part no.	
W	Nylon	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		

15a Transformer unit housing

Base fixing

Colour	Material	Part no.
R7037	Nylon	Z10NG000

Incl. cover
For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

Colour	Material	Part no.
WGR	Nylon	Z10NG120

For Blum transformer 24 W

Page instructions

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Assembly, removal and adjustment

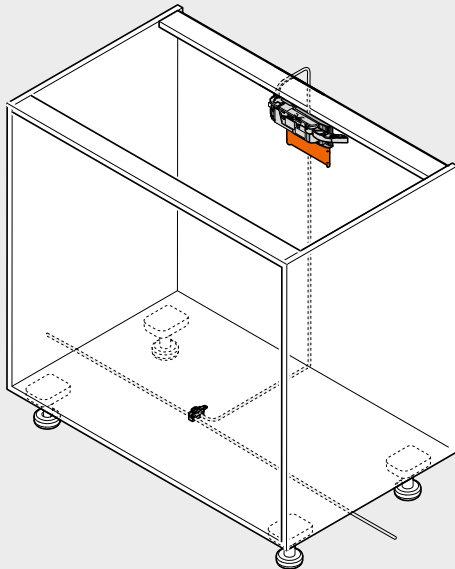
Short-URL
www.blum.com/a450



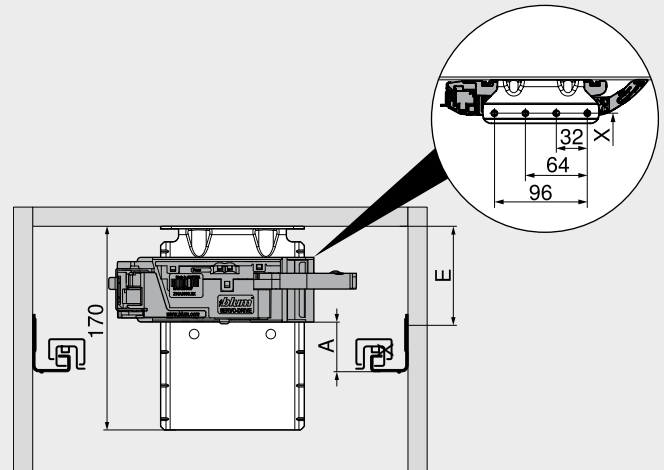
Cabinet with individual drawer

Planning

Cabinet



Position – drive unit

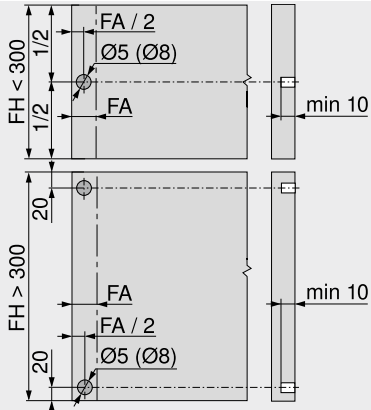


A Distance between the bottom edge of the cabinet profile and the bottom edge of the drive unit
 E Distance between the bottom edge of the cabinet top panel and the fixing position of the runner
 X Drilling position
 The cross bar must be connected to the work plate to make it secure

Position – drive unit

Runner systems	Drawer height SKH (mm)	Internal cabinet width LW (mm)								
		224–234			235–428			≥ 429		
		A (mm)	E min. (mm)	E max. (mm)	A (mm)	E min. (mm)	E max. (mm)	A (mm)	E min. (mm)	E max. (mm)
MOVENTO	≥ 79	–	–	–	60	100	190	35	75	165
TANDEM	≥ 79	55	96	187	55	96	187	35	76	167
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

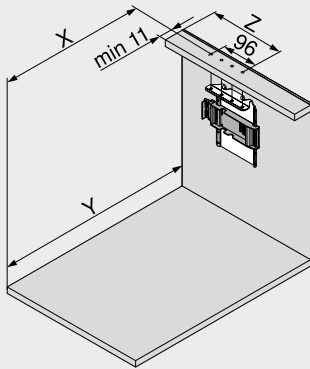


The Blum distance bumper creates and maintains the required trigger path of 2 mm
 FA Front overlay
 FH Front height

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	

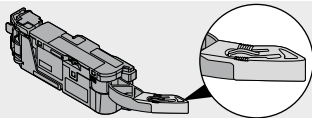
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

Runner systems

Drawer height SKH (mm)

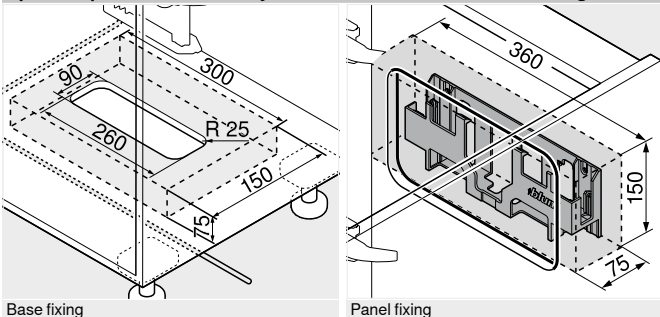
Internal cabinet width LW (mm)

	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			●	Required				
Z	Dimension of engagement			-	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

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Overview – TANDEM	409			Short-URL www.blum.com/a450
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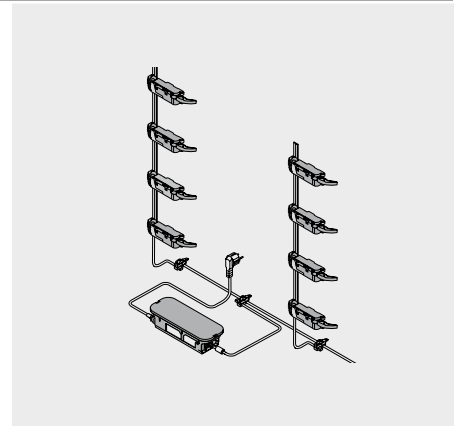




Cabinet with inset fronts



- 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

Cutting Internal cabinet height LH – 10 mm

3a	Bracket profile attachment top/bottom		
Cross bar construction horizontal	Colour	Material	Part no.
	R7037	Nylon	Z10D01E0.01

Alternative to 3a	Bracket profile attachment lower/back			
3b	Cross bar construction vertical	Colour	Material	Part no.
		R7037	Nylon	Z10D01EA.01

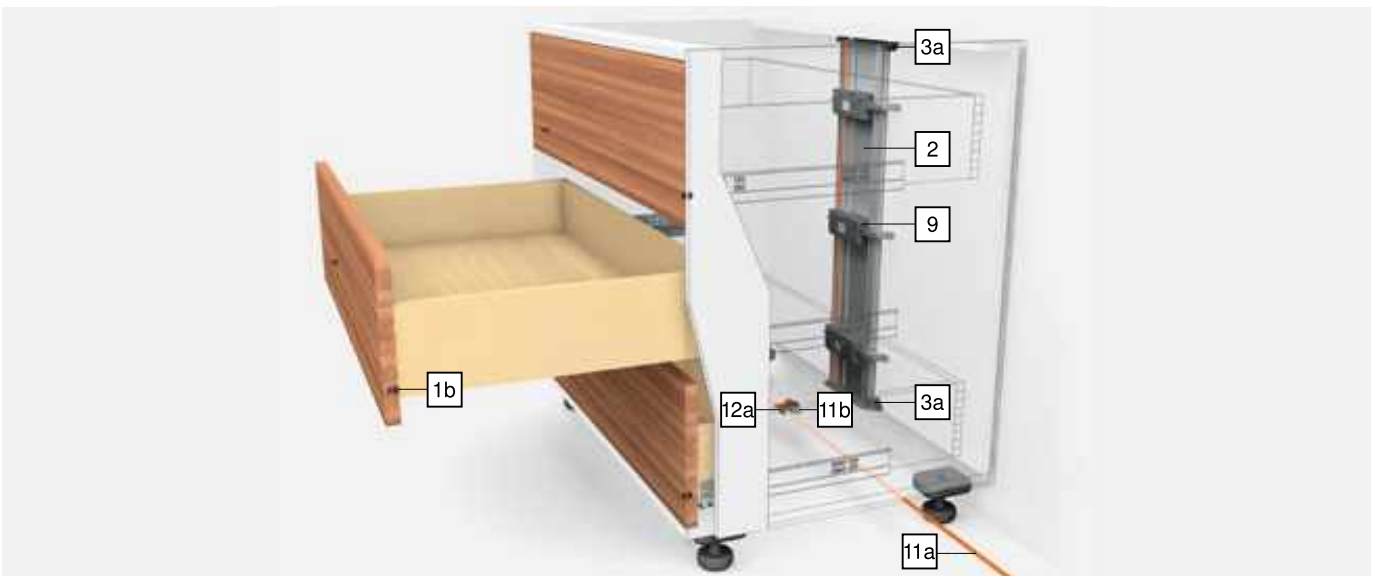
Incl. bracket profile cover cap

9	Drive unit		
Colour	Material	Part no.	
R7037	Nylon	Z10A3000.03	

Includes pre-assembled lever extension

11	Distribution cable and cable end protector		
Colour	Length (m)	Part no.	
S	8	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			
Colour	Material	Part no.	
S	Nylon	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	F	Z10NE030F
B	Z10NE030B	G	Z10NE030G
C	Z10NE030C	H	Z10NE030H
D	Z10NE030D	J	Z10NE030J
E	Z10NE030E		

Incl. instruction leaflet and installation instructions
 Without flex

Language package

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

Language descriptions as per ISO-639

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

¹ Without plug

15a Transformer unit housing

Base fixing

Colour	Material	Part no.	
R7037	Nylon	Z10NG000	

Incl. cover

For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

Colour	Material	Part no.	
WGR	Nylon	Z10NG120	

For Blum transformer 24 W

Accessories

Cable holder			
Colour	Material	Part no.	
W	Nylon	Z10K0009	

For example, for securing the distribution cable

Colour		Colour	
R7037	RAL 7037 dust grey	WGR	White grey
S	Black	W	White

Page instructions

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Assembly, removal and adjustment

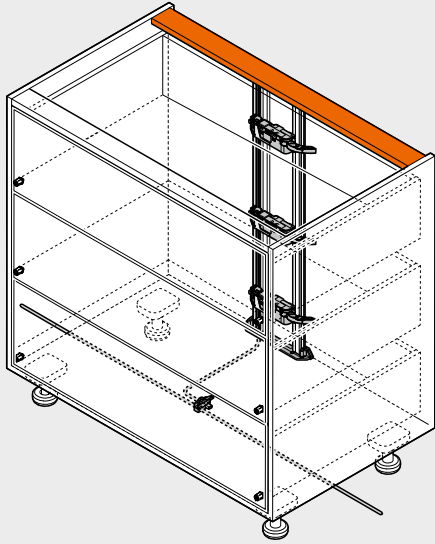
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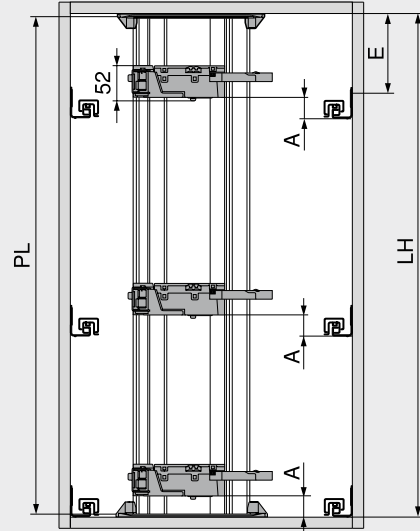
Cabinet with inset fronts

Planning

Cabinet



Position – drive unit



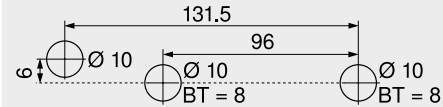
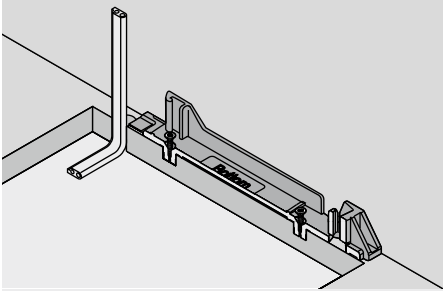
PL = LH – 10 mm
 Round down to the nearest tenth
 LH Internal cabinet height
 PL Bracket profile length

Position – drive unit

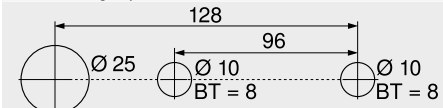
Runner systems	Drawer height SKH (mm)	Internal cabinet width LW (mm)					
		224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	74	35	49
TANDEM	≥ 79	55	71	55	71	35	51
A	Distance between the bottom edge of the cabinet profile and the bottom edge of the 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

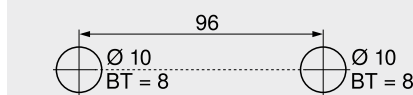
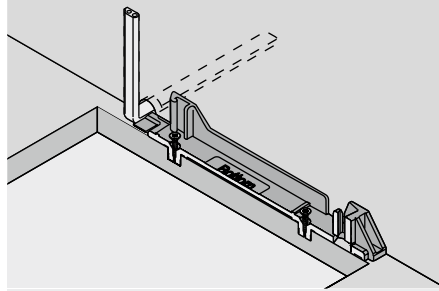


BT Drilling depth



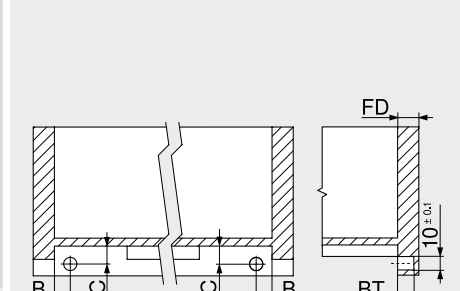
Alternative drilling pattern for PRO-CENTER and MINIPRESS
 BT Drilling depth

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

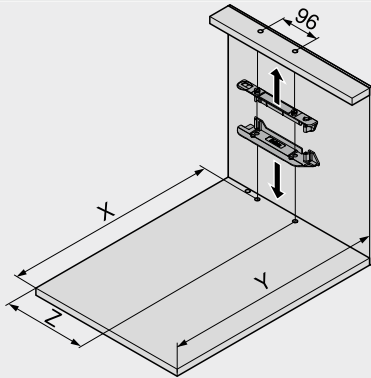
Runners	Pull-out type	B (mm)	C (mm)
56XH 56XF	Full extension	16,5 ±1	12,0 ±1
55XH 55XF	Single extension	18,5 ±0,5	13,5 ±0,5

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

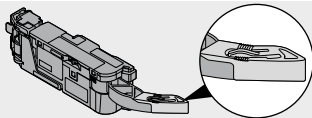
Drilling distances – base | cross bar



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	

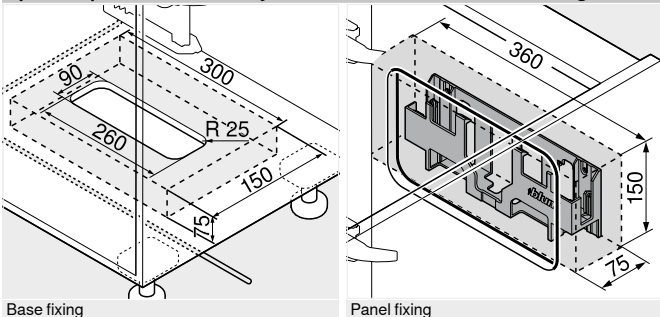
Using this assembly position for the bracket profile, both inner pull-out elements as well as those with overlay fronts can be opened by pushing and pulling

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			●	Required				
Z	Dimension of engagement			–	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

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				www.blum.com/a450





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



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

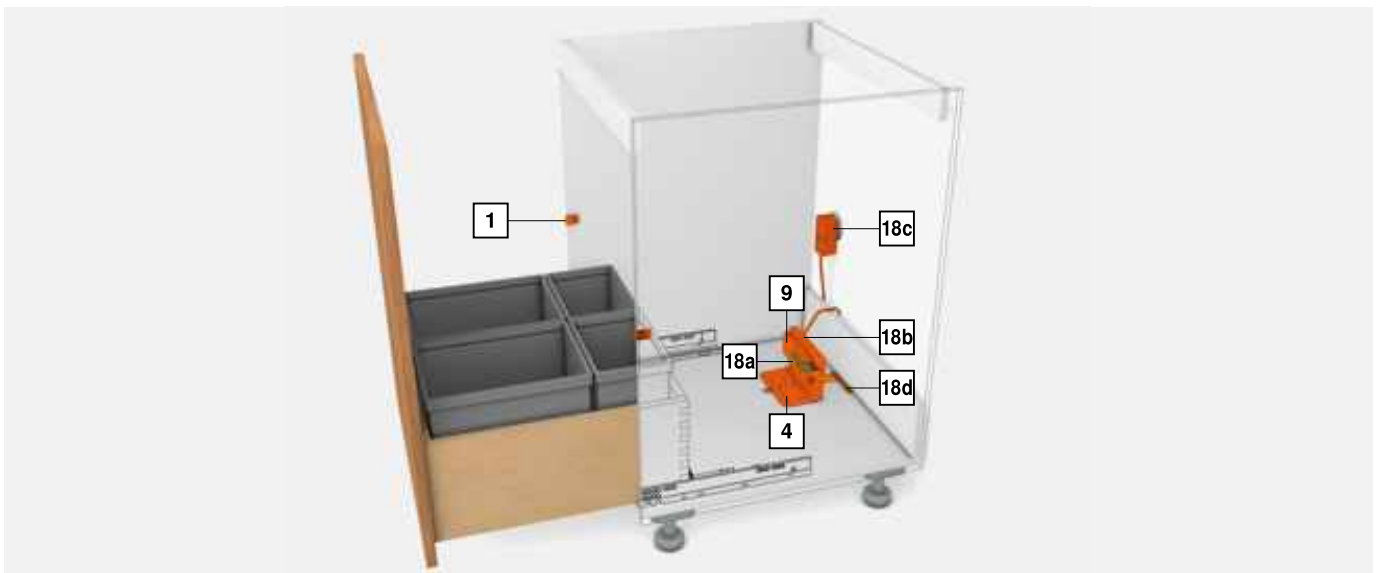
Other combinations available upon request

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

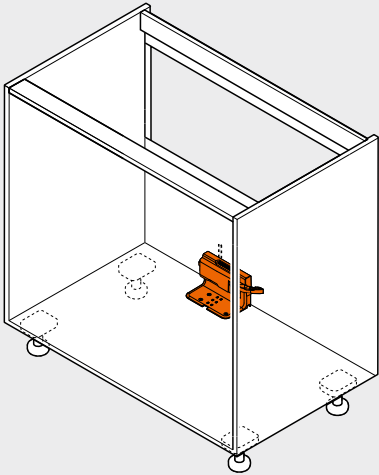


SERVO-DRIVE uno for bottom mount waste bin solutions – MOVENTO | TANDEM

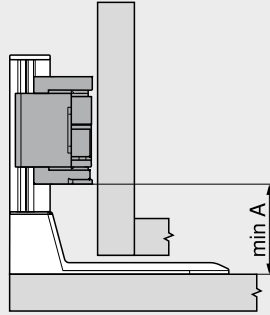
Webcode
DQE7FY

Planning

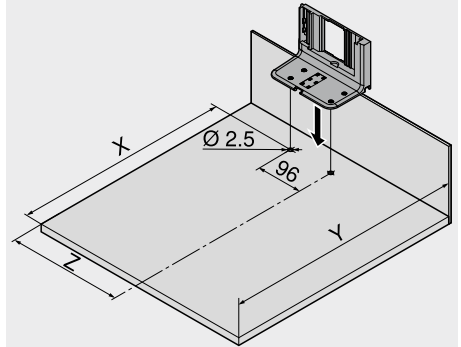
Cabinet



Position – drive unit



Drilling distances – base



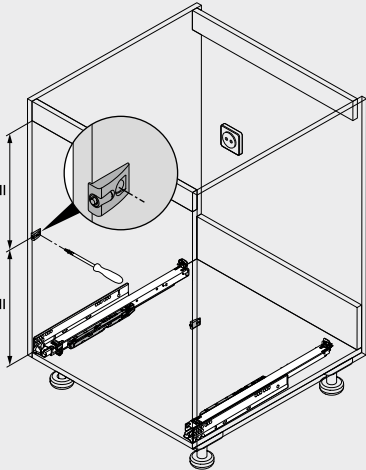
Runner systems	Internal cabinet width LW (mm)
	A (mm)
MOVENTO	35
TANDEM	35

A Distance between the bottom edge of the attachment bracket and the bottom edge of the drive unit

Runner systems	Internal cabinet width LW (mm)		
	X (mm)	Y (mm)	Z (mm)
MOVENTO	NL – 48	NL + 32	LW / 2
TANDEM	NL – 48	NL + 32	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

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Assembly, removal and adjustment

Short-URL
www.blum.com/a450

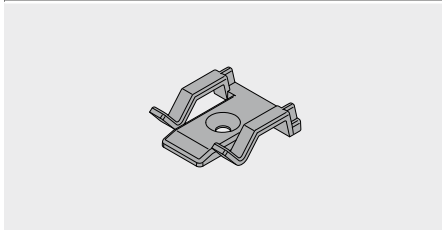


Runner systems



- ▶ SERVO-DRIVE for MOVENTO | TANDEM
- ▶▶ Accessories

Cable holder

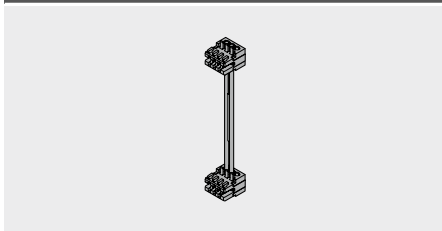


- Colour: white
- Material: nylon

Order information

Description	Part no.
Cable holder	Z10K0009

Synchronisation cable

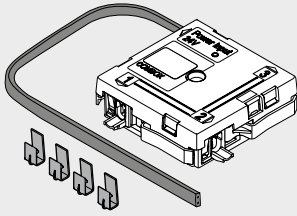


- Connects two drive units that need to activate simultaneously

Order information

Length (mm)	Part no.
80	Z10K008S
500	Z10K050S
1200	Z10K120S
1600	Z10K160S

COMBOX set

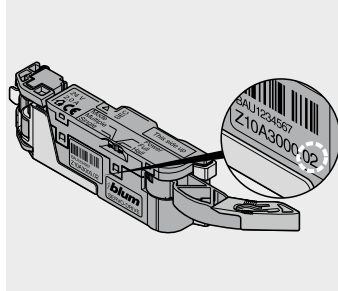


- COMBOX set
- For preventing front collisions when using SERVO-DRIVE in corner situations
- Includes all assembly and cabling components

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



STANDARD with BLUMOTION

Proven roller runner and reliable technology. The reliability of BLUMOTION dampening ensures effortless soft-closing



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

	Overview – runner systems	377							
	▶ MOVENTO	378							
	▶ TANDEM	408							

Applications	kg							Webcode	Page
--------------	----	--	--	--	--	--	--	---------	------

▶▶ Full extension									
	STANDARD 430E	30							
								DQD7JY	490

▶▶ Single extension									
	STANDARD 230M 230E	25							
								DQD89A	492

kg Dynamic carrying capacity

▶▶ Accessories									
	BLUMOTION set for STANDARD 230M	494	Screws	496					
	Front adjuster	494	Centre bit	497					
	Corner connectors	495	Door buffer	497					
	Gallery rail for pull-out shelf corner connectors	495	Screwdriver	497					
	Front adjustment element	496							
	Door protector	496							

▶▶ Attachment of runners									
	Runner 430E – 30 kg	498							
	Runner 230M 230E – 25 kg	498							

▶▶ Assembly, removal and adjustment									
	Assembly, removal and adjustment								
	Short-URL								

www.blum.com/a470



Pictograph

	Item Available Upon Request		
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Runner systems



- ▶ STANDARD
- ▶▶ Full extension

STANDARD 430E

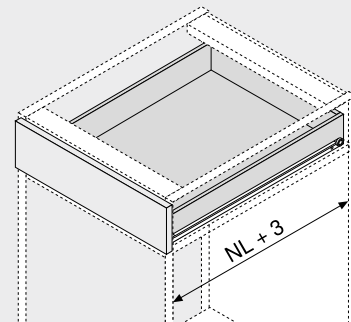
Webcode

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

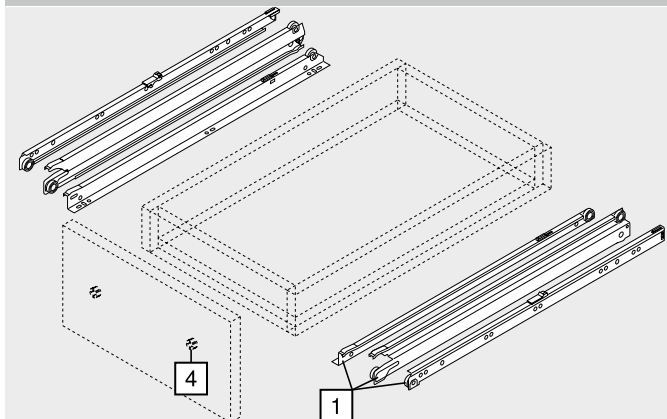


NL Nominal length

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		

Drawer



Accessories

4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000

Colour

R9001 RAL 9001 cream

STANDARD ◀
Full extension ◀◀

Runner systems

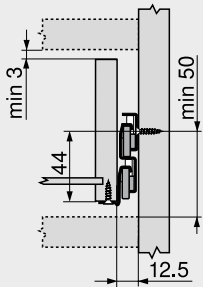


STANDARD 430E

Webcode
DQD7JY

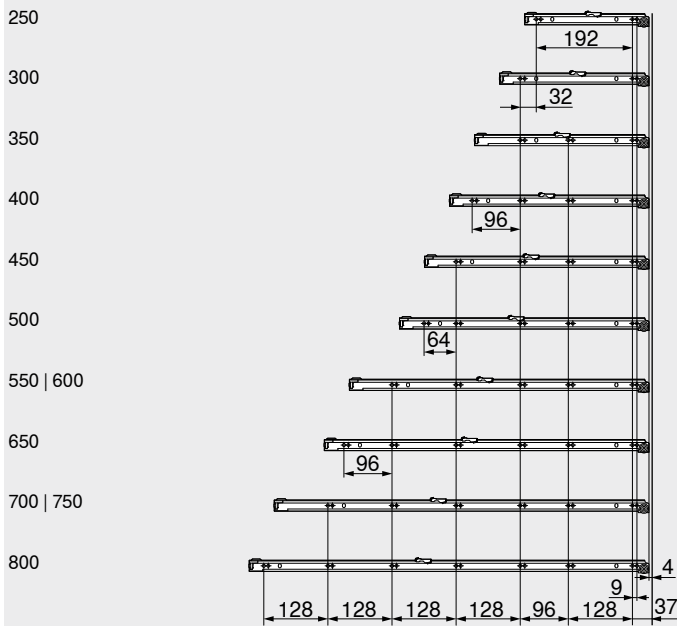
Planning

Space requirement in cabinet



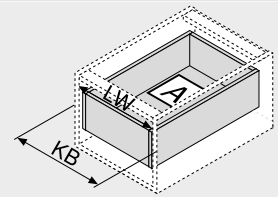
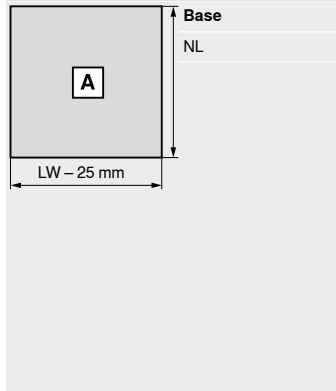
Hole spacing – runners

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	489	Assembly, removal and adjustment
Accessories	494	
Attachment of runners	498	
Overview – assembly devices	561	
More technical details	662	

Runner systems



- ▶ STANDARD
- ▶▶ Single extension

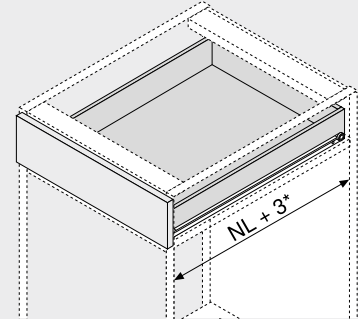
STANDARD 230M | 230E

Webcode
DQD89A




- **BLUMATIC** self closing feature (230M) and/or closed position stops (230E)
- Optional with **BLUMOTION** for a silent and effortless closing (230M, nominal length NL 250–650 mm)
- Dyn. load bearing 25 kg
- Pull-out stop (starting at 300 mm NL nominal length)
- One-side guided runner system
- Epoxy coated, cream (RAL 9001)

Space requirement

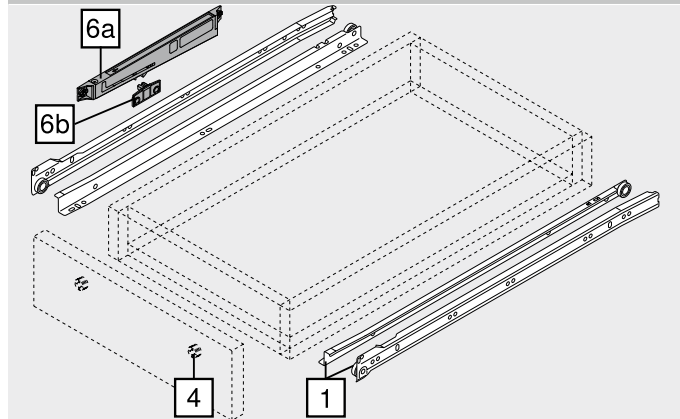


NL Nominal length
* Nominal length NL 250 mm with BLUMOTION = NL + 22 mm




Order information

1	Cabinet and drawer profile left/right	
	Colour	R9001
Nominal length NL (mm)	Version	
	BLUMATIC	Closed position stop
250	230M2500	
300	230M3000	
350	230M3500	
400	230M4000	
450	230M4500	
500	230M5000	
550	230M5500	
600	230M6000	
650	230M6500	
700		230E7000
750		230E7500
800		230E8000

Drawer



Accessories

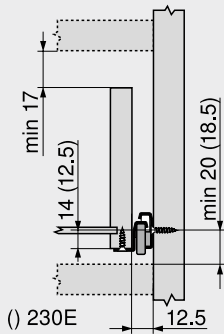
4	Front adjuster		
	Colour	Material	Part no.
	Natural	Nylon	295.1000
6	BLUMOTION set for STANDARD 230M		
	Colour	Material	Part no.
	WGR/R9001	Nylon	Z70.1320
Composed of:			
6a	1 x BLUMOTION unit		
	WGR		
6b	1 x Latch		
	R9001		
-	Positioning and screwing template for latches		
	Colour	Material	Part no.
	Orange	Nylon	65.3400
Colour		Colour	
R9001	RAL 9001 cream	WGR	White grey

STANDARD 230M | 230E

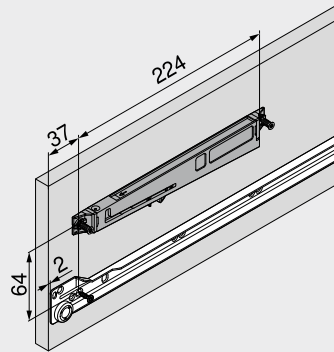
Webcode
DQD89A

Planning

Space requirement in cabinet

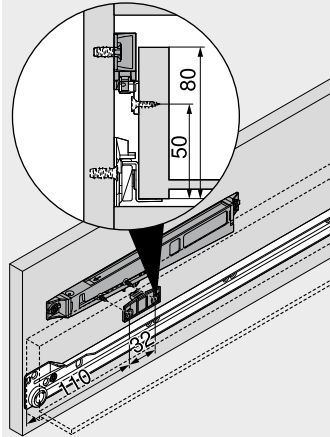


Installation dimensions – BLUMOTION unit



System screw, part no. 661.1450.HG or chipboard screw Ø 3.5 x 15 mm, part no. 609.1500

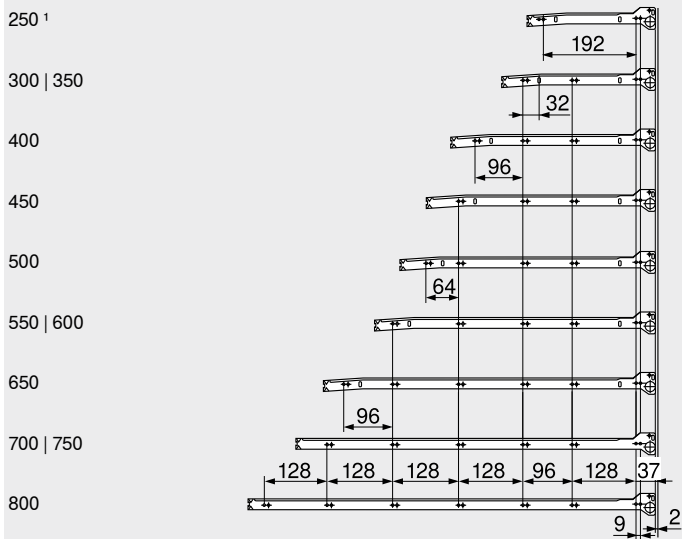
Installation dimensions – latch



Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500

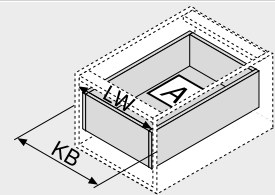
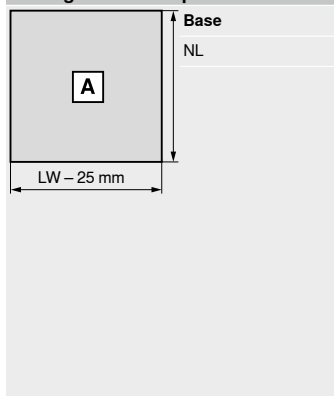
Hole spacing – runners

Nominal length NL (mm)



Internal cabinet depth LT min. = nominal length NL + 3 mm
¹ Nominal length NL 250 mm with BLUMOTION
 Internal cabinet depth LT min. = nominal length NL + 22 mm

Cutting – 16 mm chipboard

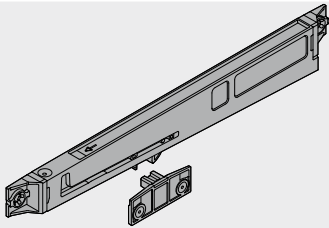


KB Cabinet width
 LW Internal cabinet width
 NL Nominal length

Page instructions

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Accessories – BLUMOTION set for STANDARD 230M	494	Short-URL www.blum.com/a470
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BLUMOTION set for STANDARD 230M



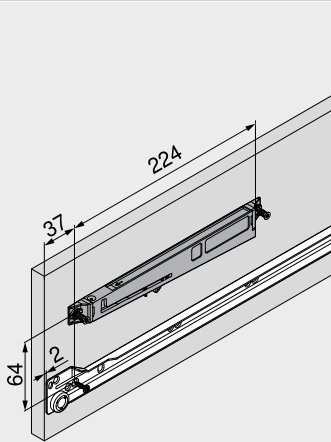
- Single extension (230M, nominal length NL 250–650 mm)
- Dyn. load bearing 25 kg
- Only one BLUMOTION unit required up to cabinet width KB 900 mm
- Colour: BLUMOTION: white grey; latch: RAL 9001 cream
- Material: nylon

Order information

Description	Part no.
BLUMOTION set for STANDARD 230M	Z70.1320

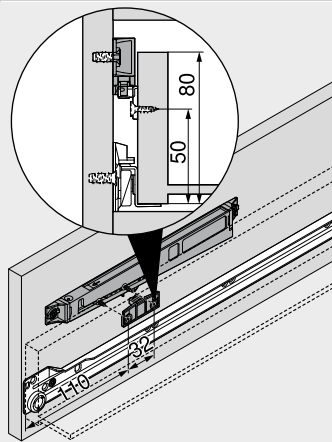
Planning

Installation dimensions – BLUMOTION unit



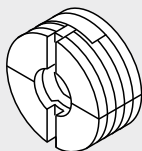
System screw, part no. 661.1450.HG or chipboard screw Ø 3.5 x 15 mm, part no. 609.1500

Installation dimensions – latch



Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500

Front adjuster

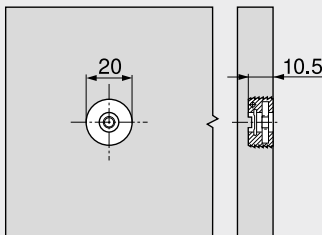


- With threaded steel washer insert
- For 4-sided drawers
- 2-dimensional front adjustment (± 2 mm)
- Once the front has been adjusted, we recommend using two additional chipboard screws for better hold with high fronts
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Front adjuster	295.1000

Planning



Insertion ram for MINIPRESS MZM.0095

Assembly

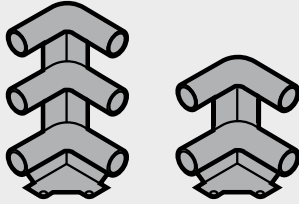
Assembly, removal and adjustment

Short-URL

www.blum.com/a470



Corner connectors



- Colour: RAL 9001 cream
- Colour: RAL 7037 dust grey
- Material: nylon

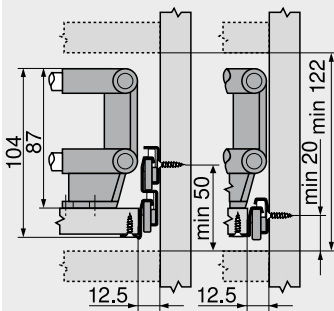
Order information

Corner connectors	Part no.
2 tier	ZTU.00Z0
3 tier	ZTU.00D0

Planning

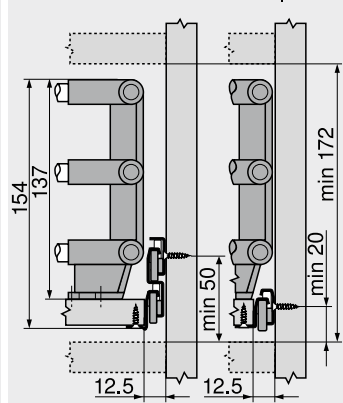
Space requirement in cabinet
With 2 tier gallery

430E 230M | 230E

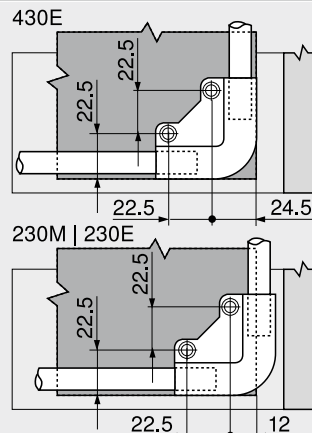


Space requirement in cabinet
With 3 tier gallery

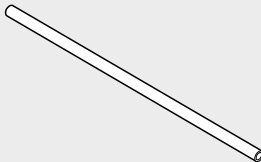
430E 230M | 230E



Installation dimensions – corner
connectors



Gallery rail for pull-out shelf corner connectors



- For cutting to size
- Material: aluminium

Order information

Colour	Part no.
RAL 9001 cream	ZRG.1104U
Chrome plated	ZRG.1094U

Cutting

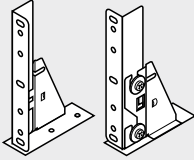
Longside gallery rail	Nominal length NL – 51 mm
Cross gallery rail 430E	Internal cabinet width LW – 87 mm
Cross gallery rail 230M 230E	Internal cabinet width LW – 63 mm

Runner systems



- ▶ STANDARD
- ▶▶ Accessories

Front adjustment element



- Left/right
- 3-dimensional front adjustment
- For pull-out shelves with front
- Colour: RAL 9001 cream
- Material: steel

Order information

Description	Part no.
Front adjustment element	296.4500

Assembly, removal and adjustment

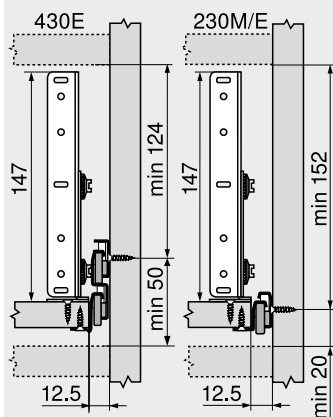


Short-URL

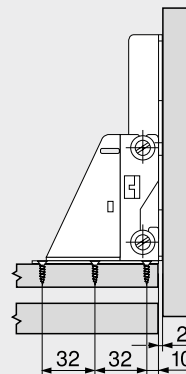
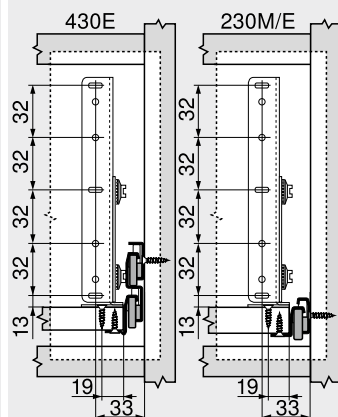
www.blum.com/a470

Planning

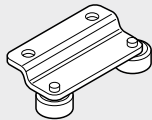
Space requirement in cabinet



Installation dimensions – front



Door protector



- Only for inset applications
- Symmetrical
- Colour: RAL 9001 cream
- Material: steel

Order information

Description	Part no.
Door protector	298.2200

Assembly, removal and adjustment

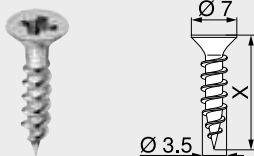


Short-URL

www.blum.com/a470

Chipboard screws

Ø 3.5 mm



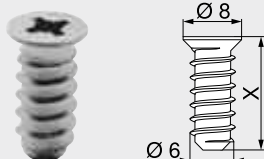
- Ø 3.5 mm
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
15.0	609.1500
17.0	609.1700

System screws

Ø 6.0 mm



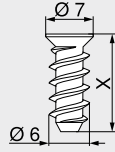
- Ø 6 mm
- Drilling diameter Ø 5 mm
- Colour: nickel plated
- Material: steel

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
- Colour: nickel plated
- Material: steel

Order information

X (mm)	Part no.
11.5	662.1150.HG
13.0	662.1300.HG
14.5	662.1450.HG

Centre bit

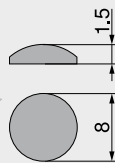
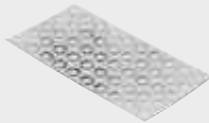


- Ø 2.7 mm, length 70 mm
- To pre-drill for Ø 3.5 mm chipboard screws
- Drilling depth up to 8 mm
- Material: steel, hardened

Order information

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

Stick-on door buffer

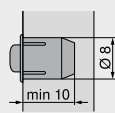


- For noise reduction
- Colour: natural coloured
- Material: nylon

Order information

Description	Part no.
Stick-on door buffer	993.710

8 mm Ø door buffer



- For noise reduction
- Gap 2 mm
- Two-part
- Colour: RAL 9006 grey
- Material: nylon

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
- Colour: black/orange
- Material: nylon/steel

Order information

Description	Part no.
Pozidrive screwdriver	303.756.1

Slotted screwdriver

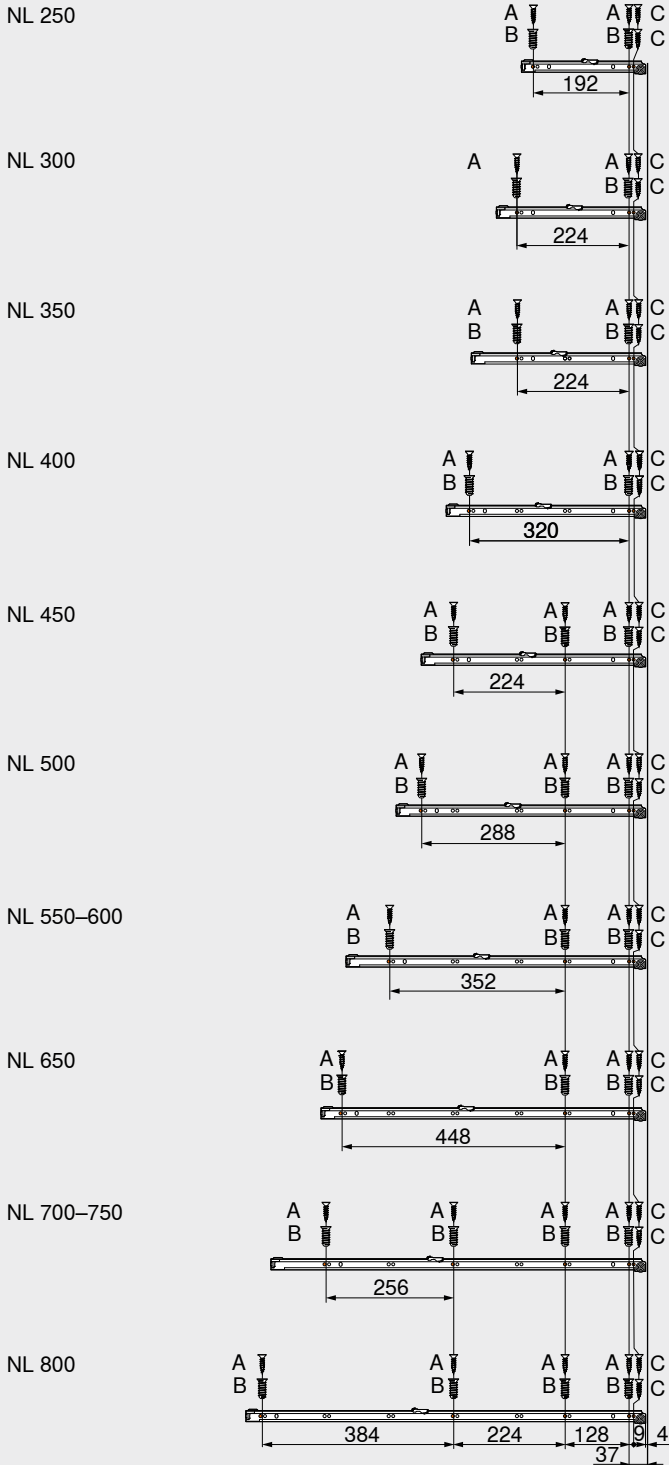


- Slotted, size 1.0 x 5.5 mm
- Blade length 125 mm
- Overall length 225 mm
- Orange handle with Blum logo
- Colour: black/orange
- Material: nylon/steel

Order information

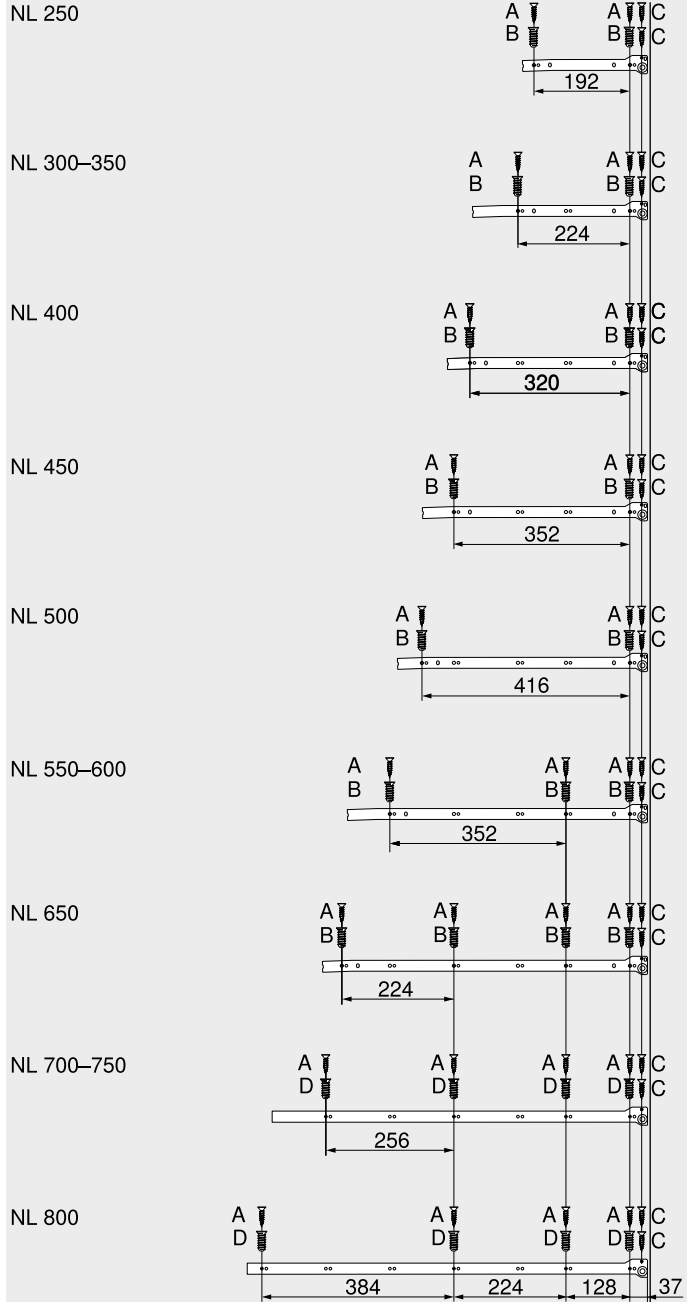
Description	Part no.
Slotted screwdriver	314.928.1

Runner 430E – 30 kg



NL Nominal length
 A Chipboard screws Ø 4 x 15 mm
 B System screws, part no. 661.1450.HG
 C Chipboard screws Ø 3.5 x 15 mm for high fronted pull-out

Runner 230M | 230E – 25 kg



NL Nominal length
 A Chipboard screws Ø 4 x 15 mm
 B System screws, part no. 661.1450.HG
 C Chipboard screws Ø 3.5 x 15 mm, part no. 609.1500
 D Special system screws, part no. 662.1450.HG

STANDARD ◀

Runner systems



Runner systems

Inner dividing systems

blum



5

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	502
▶▶ Overview	503

▶ **AMBIA-LINE kitchen accessories**



Symbolic image

▶ AMBIA-LINE kitchen accessories	512
▶▶ Order information	513

▶ **ORGA-LINE for TANDEMBOX**



Symbolic image

▶ ORGA-LINE for TANDEMBOX	514
▶▶ Overview	515

▶ **ORGA-LINE kitchen accessories**



Symbolic image

▶ ORGA-LINE kitchen accessories	528
▶▶ Order information	529



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 enhanced by using 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	504
	Wood design – frame	505
	Recommendation for drawer inner drawer	506

▶▶ AMBIA-LINE for LEGRABOX – high fronted pull-out

 Symbolic image	Steel design – frame	507
	Steel design – bottles	508
	Steel design – cross gallery	509
	Wood design – frame	510
	Recommendation for high fronted pull-out inner pull-out	511

▶▶ Assembly, removal and adjustment

 Symbolic image	Assembly, removal and adjustment	
	Short-URL www.blum.com/a510	

Pictograph



Item Available Upon Request

Inner dividing systems



- ▶ **AMBIA-LINE for LEGRABOX**
- ▶▶ **AMBIA-LINE for LEGRABOX – drawer**

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 secure location
- Cutlery insert with Softtouch surface
- Film | foil 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

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

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. magnetic panel 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

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		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		

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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 secure location
- Film | foil 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

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	ZC7Q00U0SH

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		

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Inner dividing systems



- ▶ **AMBIA-LINE for LEGRABOX**
- ▶▶ **AMBIA-LINE for LEGRABOX – drawer**

Recommendation for drawer | inner drawer



Cutlery insert and drawer frame

Cabinet width KB (mm)	Nominal length NL (mm)				
	450	500	550	600	650
400					
450	1 x Cutlery insert				
500					
550	1 x Cutlery insert				
600	1 x Drawer frame – 100 mm				
800	2 x Cutlery insert				
900	2 x Cutlery insert				
	1 x Drawer frame – 100 mm				
1000	2 x Cutlery insert				
	2 x Drawer frame – 100 mm				
1100	2 x Cutlery insert				
	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				
400				
450	1 x Drawer frame – 242 mm		1 x Drawer frame – 242 mm	
500	1 x Drawer frame – 242 mm		1 x Drawer frame – 242 mm	
550	1 x Drawer frame – 242 mm		1 x Drawer frame – 242 mm	
600	1 x Drawer frame – 242 mm		1 x Drawer frame – 242 mm	
800	2 x Drawer frame – 242 mm		2 x Drawer frame – 242 mm	
900	3 x Drawer frame – 242 mm			
1000	3 x Drawer frame – 242 mm			
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	1 x Drawer frame – 100 mm				
350	1 x Drawer frame – 200 mm				
400	1 x Drawer frame – 200 mm				
450	1 x Drawer frame – 100 mm				
500	1 x Drawer frame – 200 mm				
550	1 x Drawer frame – 200 mm				
600	2 x Drawer frame – 100 mm		1 x Drawer frame – 200 mm		
800	2 x Drawer frame – 100 mm		1 x Drawer frame – 200 mm		
900	2 x Drawer frame – 100 mm		1 x Drawer frame – 200 mm		
1000	2 x Drawer frame – 100 mm		1 x Drawer frame – 200 mm		
1100	2 x Drawer frame – 100 mm		1 x Drawer frame – 200 mm		
1200	2 x Drawer frame – 100 mm		1 x Drawer frame – 200 mm		

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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 secure location
- 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. magnetic panel 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

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		

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Inner dividing systems



- ▶ **AMBIA-LINE for LEGRABOX**
- ▶▶ **AMBIA-LINE for LEGRABOX – high fronted pull-out**

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 secure location
- 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		

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Assembly, removal and adjustment

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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 secure location

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		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		

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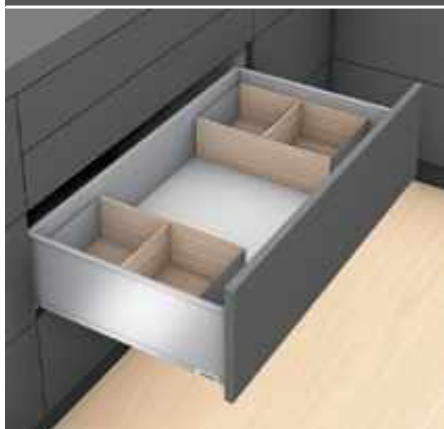
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Inner dividing systems



- ▶ **AMBIA-LINE for LEGRABOX**
- ▶▶ **AMBIA-LINE for LEGRABOX – high fronted pull-out**

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 secure location
- 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

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		

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Recommendation for high fronted pull-out | inner pull-out



High-fronted pull-out frame – nominal length NL 270–400 mm

Cabinet width KB (mm)	Nominal length NL (mm)			
	270	300	350	400
275	–			
300	–			
350	–			
400	–			
450	1 x High-fronted pull-out frame – 242 mm			
500	1 x High-fronted pull-out frame – 242 mm			
550	1 x High-fronted pull-out frame – 242 mm			
600	1 x High-fronted pull-out frame – 242 mm			
800	2 x High-fronted pull-out frame – 242 mm			
900	2 x High-fronted pull-out frame – 242 mm			
1000	3 x High-fronted pull-out frame – 242 mm			
1200	3 x High-fronted pull-out frame – 242 mm			

High-fronted pull-out frame – nominal length NL 450–650 mm

Cabinet width KB (mm)	Nominal length NL (mm)				
	450	500	550	600	650
275	–				
300	–				
350	–				
400	–				
450	1 x High-fronted pull-out frame – 218 mm				
500	1 x High-fronted pull-out frame – 218 mm				
550	1 x High-fronted pull-out frame – 218 mm				
600	1 x High-fronted pull-out frame – 218 mm				
800	2 x High-fronted pull-out frame – 218 mm				
900	2 x High-fronted pull-out frame – 218 mm				
1000	2 x High-fronted pull-out frame – 218 mm				
1200	3 x High-fronted pull-out frame – 218 mm				

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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 cling film 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, cling film 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

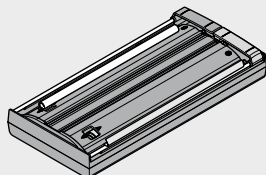
The infinitely adjustable Blum plate holder can safely accommodate up to 12 plates in the pull-out and can also be easily transported



Spice holder

Spice containers of various sizes can be tidily stored in the spice holder without risk of tipping over

Dispenser



- Film | foil dispenser for cling film and aluminium foil
- Dispenser rod for crease-free removal of cling film
- 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
- Colour: orion grey matt
- Material: nylon/stainless steel (Inox)

Order information

Description	Part no.
With film foil	ZC7C0000
Without film foil	ZC7C0001
Length (mm)	409
Width (mm)	187

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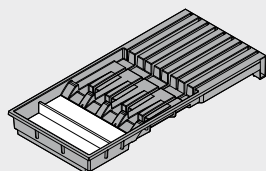
Assembly, removal and adjustment



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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
- Colour: orion grey matt
- Material: nylon/stainless steel (Inox)

Order information

Description	Part no.
Knife holder	ZC7M0200
Length (mm)	409
Width (mm)	187

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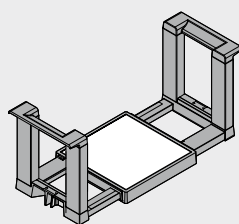
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Blum plate holder



- Safe accommodation of up to 12 plates
- Can be infinitely adjusted to suit plate size
- Removable
- Suitable for LEGRABOX high fronted pull-out and inner pull-out, height C and F
- Colour: orion grey matt
- Material: nylon/stainless steel (Inox)

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

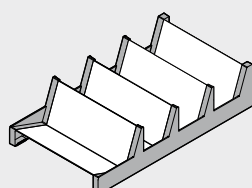
Assembly, removal and adjustment



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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
- Colour: orion grey matt
- Material: nylon/stainless steel (Inox)

Order information

Description	Part no.
Spice holder	ZC7G0P01
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 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

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
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	ORGA-LINE for TANDEMBOX plus – cross gallery	
	Recommendation for high fronted pull-out inner pull-out	526

▶▶ Assembly, removal and adjustment

	Assembly, removal and adjustment	
	Short-URL	
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Pictograph

	Item Available Upon Request		
	Dishwasher-proof up to 65°C		

Inner dividing systems



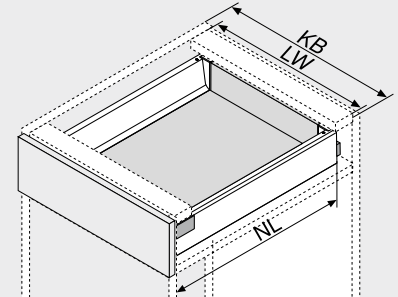
- ▶ ORGA-LINE for TANDEMBOX
- ▶▶ ORGA-LINE for TANDEMBOX – drawer

Container sets



- Practical for kitchen applications
- Well-suited for cutlery
- To suit standard drawers and inner drawers
- Removable containers (dishwasher-proof)
- Film | foil 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	KB (mm)	300–399	KB (mm)	400–549	KB (mm)	550–599	
	Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm	
NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.	
450	ZSI.450B11N	450	ZSI.450B12N	450	ZSI.450B13N	450	ZSI.450B11N + ZSI.450B13N	
500	ZSI.500B11N	500	ZSI.500B12N	500	ZSI.500B13	500	ZSI.500B11N + ZSI.500B13	
550	ZSI.550B11N	550	ZSI.550B12N	550	ZSI.550B13	550	ZSI.550B11N + ZSI.550B13	
600	ZSI.600B11N	600	ZSI.600B12N	600	ZSI.600B13	600	ZSI.600B11N + ZSI.600B13	
650	ZSI.650B11N	650	ZSI.650B12N	650	ZSI.650B13	650	ZSI.650B11N + ZSI.650B13	
KB (mm)	600	KB (mm)	601–699	KB (mm)	700–799	KB (mm)	800–899	
	Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm	
NL (mm)	Part no.	Part no.	NL (mm)	Part no.	Part no.	NL (mm)	Part no.	
450	¹ ZSI.60VE14		450	ZSI.450B11N + ZSI.450B13N	450	ZSI.450B12N + ZSI.450B13N	450	2 x ZSI.450B13N
500	¹ ZSI.60VE16		500	ZSI.500B11N + ZSI.500B13	500	ZSI.500B12N + ZSI.500B13	500	2 x ZSI.500B13
550	¹ ZSI.60VE17		550	ZSI.550B11N + ZSI.550B13	550	ZSI.550B12N + ZSI.550B13	550	2 x ZSI.550B13
600	ZSI.600B11N + ZSI.600B13		600	ZSI.600B11N + ZSI.600B13	600	ZSI.600B12N + ZSI.600B13	600	2 x ZSI.600B13
650	ZSI.650B11N + ZSI.650B13		650	ZSI.650B11N + ZSI.650B13	650	ZSI.650B12N + ZSI.650B13	650	2 x ZSI.650B13
¹	Set fully fills drawer							
KB (mm)	900	KB (mm)	901–999	KB (mm)	1000–1099	KB (mm)	1100–1199	
	Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm	
NL (mm)	Part no.	Part no.	NL (mm)	Part no.	Part no.	NL (mm)	Part no.	
450	¹ ZSI.90VE14		450	ZSI.450B13N + ZSI.450K14N	450	2 x ZSI.450K14N	450	2 x ZSI.450B13N + ZSI.450F12N
500	¹ ZSI.90VE16		500	ZSI.500B13 + ZSI.500K14	500	2 x ZSI.500K14	500	2 x ZSI.500B13 + ZSI.500F12N
550	¹ ZSI.90VE17		550	ZSI.550B13 + ZSI.550K14	550	2 x ZSI.550K14	550	2 x ZSI.550B13 + ZSI.550F12N
600	ZSI.600B13 + ZSI.600K14		600	ZSI.600B13 + ZSI.600K14	600	2 x ZSI.600K14	600	2 x ZSI.600B13 + ZSI.600F12N
650	ZSI.650B13 + ZSI.650K14		650	ZSI.650B13 + ZSI.650K14	650	2 x ZSI.650K14	650	2 x ZSI.650B13 + ZSI.650F12N
¹	Set fully fills drawer							

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



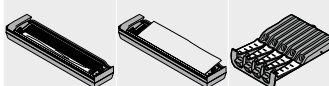
Symbol image, NL 500 mm

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 film foil		
x 1 = without film foil		

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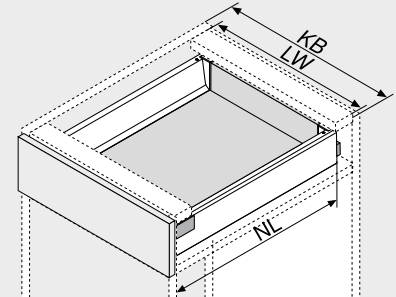
- ▶ ORGA-LINE for TANDEMBOX
- ▶▶ ORGA-LINE for TANDEMBOX – drawer

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 | foil 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	KB (mm)	350–449	KB (mm)	450–599	KB (mm)	600
	Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm
NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.
450	ZSI.450BI1N	450	ZSI.450KI2N	450	ZSI.450FI2N	450 ¹	ZSI.60VUI4
500	ZSI.500BI1N	500	ZSI.500KI2N	500	ZSI.500FI2N	500 ¹	ZSI.60VUI6
550	ZSI.550BI1N	550	ZSI.550KI2N	550	ZSI.550FI2N	550 ¹	ZSI.60VUI7
600	ZSI.600BI1N	600	ZSI.600KI2N	600	ZSI.600FI2N	600	ZSI.600BI1N + ZSI.600KI3N
650	ZSI.650BI1N	650	ZSI.650KI2N	650	ZSI.650FI2N	650	ZSI.650BI1N + ZSI.650KI3N
							¹ Set fully fills drawer
KB (mm)	601–699	KB (mm)	700–799	KB (mm)	800–899	KB (mm)	900
	Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm
NL (mm)	Part no.	Part no.	NL (mm)	Part no.	Part no.	NL (mm)	Part no.
450	ZSI.450BI1N + ZSI.450KI3N		450	ZSI.450KI2N + ZSI.450KI3N		450	ZSI.90VUI4
500	ZSI.500BI1N + ZSI.500KI3N		500	ZSI.500KI2N + ZSI.500KI3N	2 x	500	ZSI.90VUI6
550	ZSI.550BI1N + ZSI.550KI3N		550	ZSI.550KI2N + ZSI.550KI3N	2 x	550	ZSI.90VUI7
600	ZSI.600BI1N + ZSI.600KI3N		600	ZSI.600KI2N + ZSI.600KI3N	2 x	600	ZSI.600KI3N
650	ZSI.650BI1N + ZSI.650KI3N		650	ZSI.650KI2N + ZSI.650KI3N	2 x	650	ZSI.650KI3N
							¹ Set fully fills drawer
KB (mm)	901–999	KB (mm)	1000–1099	KB (mm)	1100–1199	KB (mm)	1200
	Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm
NL (mm)	Part no.	NL (mm)	Part no.	Part no.	NL (mm)	Part no.	Part no.
450	2 x ZSI.450KI3N	450	2 x ZSI.450KI2N + ZSI.450FI3		450	2 x ZSI.450KI3N + ZSI.450FI2N	450 ¹
500	2 x ZSI.500KI3N	500	2 x ZSI.500KI2N + ZSI.500FI3		500	2 x ZSI.500KI3N + ZSI.500FI2N	500 ¹
550	2 x ZSI.550KI3N	550	2 x ZSI.550KI2N + ZSI.550FI3		550	2 x ZSI.550KI3N + ZSI.550FI2N	550 ¹
600	2 x ZSI.600KI3N	600	2 x ZSI.600KI2N + ZSI.600FI3		600	2 x ZSI.600KI3N + ZSI.600FI2N	600
650	2 x ZSI.650KI3N	650	2 x ZSI.650KI2N + ZSI.650FI3		650	2 x ZSI.650KI3N + ZSI.650FI2N	650
							¹ Set fully fills drawer

Utensil divider sets

Order information

SPACE CORNER



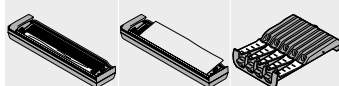
Symbol image, NL 650 mm

NL (mm)	Part no.
600	ZSI.450F13
650	ZSI.500F13

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 film foil	
x	1 = without film foil	

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Inner dividing systems



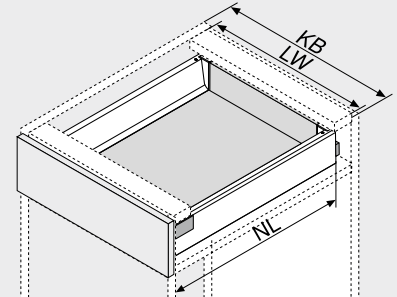
- ▶ ORGA-LINE for TANDEMBOX
- ▶▶ ORGA-LINE for TANDEMBOX – drawer

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 | foil 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

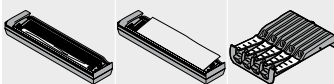
Order information

KB (mm)	275–349	KB (mm)	350–449	KB (mm)	450–600	KB (mm)	601–649
Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm
NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.
450	ZSI.450BI1N	450	ZSI.450KI2N	450	ZSI.450MI3	450	ZSI.450BI1N + ZSI.450MI3
500	ZSI.500BI1N	500	ZSI.500KI2N	500	ZSI.500MI3	500	ZSI.500BI1N + ZSI.500MI3
550	ZSI.550BI1N	550	ZSI.550KI2N	550	ZSI.550MI3	550	ZSI.550BI1N + ZSI.550MI3
600	ZSI.600BI1N	600	ZSI.600KI2N	600	ZSI.600MI3	600	ZSI.600BI1N + ZSI.600MI3
650	ZSI.650BI1N	650	ZSI.650KI2N	650	ZSI.650MI3	650	ZSI.650BI1N + ZSI.650MI3
KB (mm)	650–750	KB (mm)	751–899	KB (mm)	900–1200	SPACE CORNER	
Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 500 mm	Symbol image, NL 650 mm	Symbol image, NL 650 mm	
NL (mm)	Part no.	Part no.	NL (mm)	Part no.	Part no.	NL (mm)	Part no.
450	ZSI.450KI2N	+ ZSI.450MI3	450	ZSI.450KI3N	+ ZSI.450BI3N	450	ZSI.450KI3N + ZSI.450KI4N
500	ZSI.500KI2N	+ ZSI.500MI3	500	ZSI.500KI3N	+ ZSI.500BI3	500	ZSI.500KI3N + ZSI.500KI4
550	ZSI.550KI2N	+ ZSI.550MI3	550	ZSI.550KI3N	+ ZSI.550BI3	550	ZSI.550KI3N + ZSI.550KI4
600	ZSI.600KI2N	+ ZSI.600MI3	600	ZSI.600KI3N	+ ZSI.600BI3	600	ZSI.600KI3N + ZSI.600KI4
650	ZSI.650KI2N	+ ZSI.650MI3	650	ZSI.650KI3N	+ ZSI.650BI3	650	ZSI.650KI3N + ZSI.650KI4
						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 film | foil
x 1 = without film | foil

ORGA-LINE for TANDEMBOX ◀
ORGA-LINE for TANDEMBOX – drawer ◀◀

Inner dividing systems



Combo sets

Inner dividing systems

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Inner dividing systems



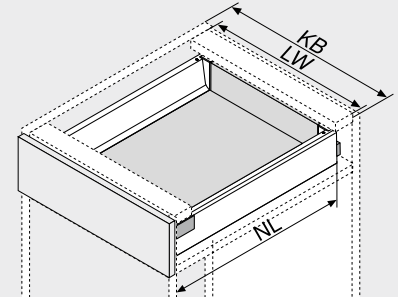
- ▶ ORGA-LINE for TANDEMBOX
- ▶▶ ORGA-LINE for TANDEMBOX – drawer

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 | foil 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

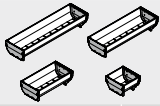
B11 set		B12 set		B13 set		K12 set	
Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm	
NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.
450	ZSI.450B11N	450	ZSI.450B12N	450	ZSI.450B13N	450	ZSI.450K12N
500	ZSI.500B11N	500	ZSI.500B12N	500	ZSI.500B13	500	ZSI.500K12N
550	ZSI.550B11N	550	ZSI.550B12N	550	ZSI.550B13	550	ZSI.550K12N
600	ZSI.600B11N	600	ZSI.600B12N	600	ZSI.600B13	600	ZSI.600K12N
650	ZSI.650B11N	650	ZSI.650B12N	650	ZSI.650B13	650	ZSI.650K12N
K13 set		K14 set		MI3 set		F11 set	
Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm		Symbol image, NL 500 mm	
NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.
450	ZSI.450K13N	450	ZSI.450K14N	450	ZSI.450MI3	450	ZSI.450F11
500	ZSI.500K13N	500	ZSI.500K14	500	ZSI.500MI3	500	ZSI.500F11
550	ZSI.550K13N	550	ZSI.550K14	550	ZSI.550MI3	550	ZSI.550F11
600	ZSI.600K13N	600	ZSI.600K14	600	ZSI.600MI3	600	ZSI.600F11
650	ZSI.650K13N	650	ZSI.650K14	650	ZSI.650MI3	650	ZSI.650F11
F12 set		F13 set		B13E set			
				SPACE CORNER			
Symbol image, NL 500 mm		Symbol image, NL 500 mm					
NL (mm)	Part no.	NL (mm)	Part no.	NL (mm)	Part no.		
450	ZSI.450F12N	450	ZSI.450F13	600	ZSI.450B13E		
500	ZSI.500F12N	500	ZSI.500F13	600	ZSI.500B13E		
550	ZSI.550F12N	550	ZSI.550F13	650	ZSI.500B13E		
600	ZSI.600F12N	600	ZSI.600F13				
650	ZSI.650F12N	650	ZSI.650F13				

Individual sets

Order information

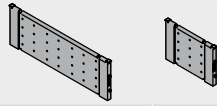
Accessories

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

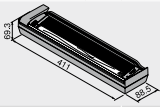
Adjustable cross dividers



Width (mm)	Part no.
88	ZSI.010Q
176	ZSI.020Q

ORGA-LINE kitchen accessories

Film dispenser

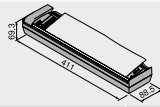


Description	Part no.
With film foil	ZSZ.01F0
Without film foil	ZSZ.01F1

Placement in the sets

- 1 1 x ZSZ.01Fx
- 2 1 x ZSZ.01Fx + 1 x ZSZ.02Fx

Foil dispenser

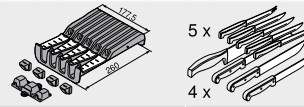


Description	Part no.
With film foil	ZSZ.02F0
Without film foil	ZSZ.02F1

Placement in the sets

- 1 1 x ZSZ.02Fx
- 2 1 x ZSZ.01Fx + 1 x ZSZ.02Fx

Knife holder

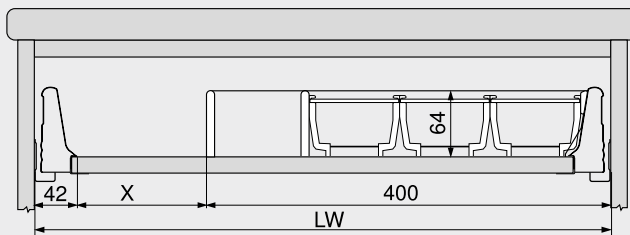
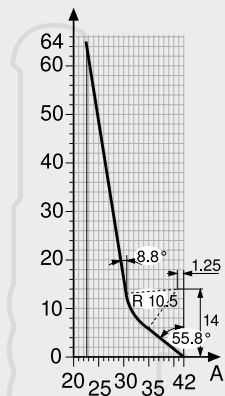


Description	Part no.
Knife holder Incl. handle support	ZSZ.02M0

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.500K14

X = internal cabinet width LW – 400 mm – 42 mm

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Inner dividing systems



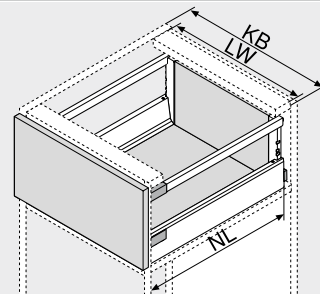
- ▶ ORGA-LINE for TANDEMBOX
- ▶▶ ORGA-LINE for TANDEMBOX – high fronted pull-out

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	Z40L152A
	300	SW TS R9006	Z40L177A
	550	SW TS R9006	Z40L427A
	600	SW TS R9006	Z40L477A
	900	SW TS R9006	Z40L777A
	1200	SW TS R9006	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

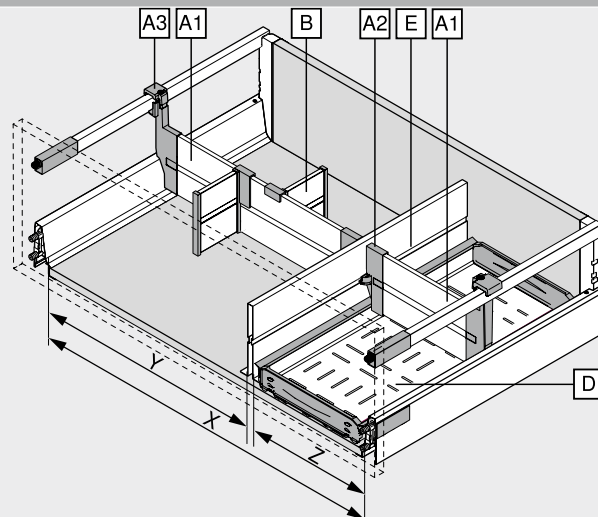
A3	Cross divider connector – gallery		
	Height	Colour	Part no.
	C	SW TS WGR	Z40C0002Z
	D	SW TS WGR	Z40D0002Z

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		Z48.30B014
	500	Z48.27B016	Z48.30B016
	550	Z48.27B017	Z48.30B017
	600		Z48.30B018
	650		Z48.30B019



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

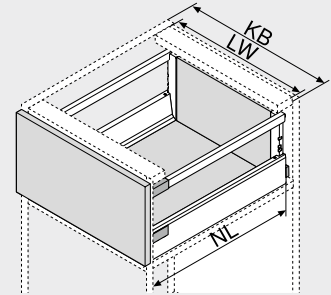
Overview – ORGA-LINE for TANDEMBOX	515	Assembly, removal and adjustment	
Recommendation for high fronted pull-out inner pull-out	526		
Recommendation – colour combination of the components	525		
ORGA-LINE kitchen accessories	528		
		Short-URL	
		www.blum.com/a530	

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

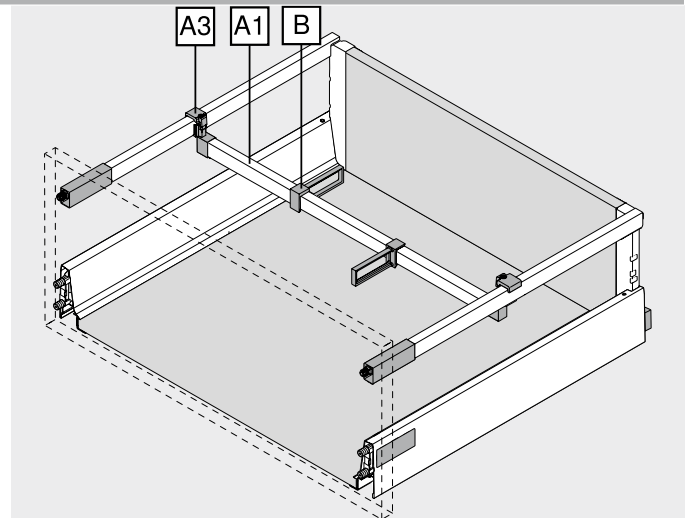
B Lateral divider			
	Colour	Material	Part no.
	SW S WGR	Nylon	ZRU.11F0

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

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Inner dividing systems



- ▶ ORGA-LINE for TANDEMBOX
- ▶▶ ORGA-LINE for TANDEMBOX – high fronted pull-out

Recommendation for high fronted pull-out | inner pull-out



Application – provisions				
Application – open provisions				
Cabinet width KB (mm)	Nominal length NL (mm)			
KB (mm)	450	500	550	600 650
275				
300	1 x cross divider		2 x cross divider	
400				
450				
500	1 x cross divider,		2 x cross divider,	
550	2 x lateral dividers		3 x lateral dividers	
600				
800				
900	1 x cross divider,		2 x cross divider,	
1000	3 x lateral dividers		6 x lateral dividers	
1200				

Application – crockery				
Cabinet width KB (mm)	Nominal length NL (mm)			
KB (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 PM (mm)	Nominal length NL (mm)			
PM (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)			
KB (mm)	450	500	550	600 650
275				
300		1 x cross divider		
400				
450				
500		1 x cross divider,		
550		2 x lateral dividers		
600				
800				
900		1 x cross divider,		
1000		3 x lateral dividers		
1200				
Application	Nominal length NL (mm)			
	600	650		
SPACE CORNER		1 x cross divider,		
		2 x lateral dividers		

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)			
KB (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)			
KB (mm)	450	500	550	600 650
300		2 x spice holders,	2 x spice holders,	
400		1 x cross divider	2 x cross divider	
450		2 x spice holders,	2 x spice holders,	
		1 x cross divider,	2 x cross divider,	
		2 x lateral dividers	3 x lateral dividers	

Application – bottles				
Cabinet width KB (mm)	Nominal length NL (mm)			
KB (mm)	450	500	550	600 650
275		–		
		1 x bottle rack,		1 x bottle rack,
		4 x cross divider		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				
450	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	
500				
550				
600	1 x bottle rack, 2 x dividing wall,	1 x bottle rack, 2 x dividing wall,	1 x bottle rack, 2 x dividing wall,	
800	3 x cross divider	4 x cross divider	5 x cross divider	
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					
900	1 x cross divider, 3 x lateral dividers		2 x cross divider, 6 x lateral dividers		
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			3 x dividing wall		
Starting at 500					
Not suitable for inner pull-out!					

Page instructions

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Assembly, removal and adjustment

Short-URL
www.blum.com/a530





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



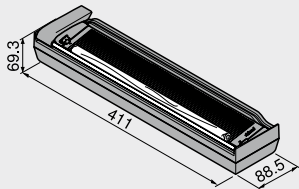
Blum plate holder
The infinitely adjustable Blum plate holder can safely accommodate up to 12 plates in the pull-out and can also be easily transported



Spice holder
The ORGA-LINE spice holder provides safe and well-organised storage for your spices

Inner dividing systems

Film dispenser



- Film dispenser
- Dispenser rod for crease-free removal
- Plastic film neatly stored
- Antislipping device through flexible base fixing bracket
- Removable
- Colour: RAL 7037 dust grey
- Material: nylon/steel/aluminium

Order information

Film dispenser	
Version	Part no.
With film foil	ZSZ.01F0
Without film foil	ZSZ.01F1

Page instructions

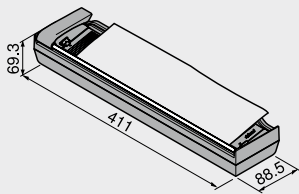
Assembly, removal and adjustment



Short-URL

www.blum.com/a540

Foil dispenser



- Foil dispenser
- Aluminium foil neatly stored
- Antislipping device through flexible base fixing bracket
- Removable
- Colour: RAL 7037 dust grey
- Material: nylon/steel

Order information

Foil dispenser	
Version	Part no.
With film foil	ZSZ.02F0
Without film foil	ZSZ.02F1

Page instructions

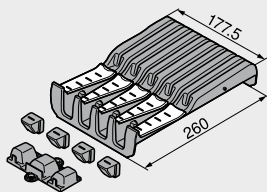
Assembly, removal and adjustment



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
- Colour: RAL 7037 dust grey
- Material: nylon/stainless steel (Inox)

Order information

Description	Part no.
Knife holder	ZSZ.02M0

Page instructions

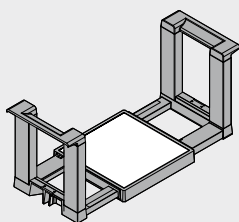
Assembly, removal and adjustment



Short-URL

www.blum.com/a540

Blum plate holder



- Safe accommodation of up to 12 plates
- Can be infinitely adjusted to suit plate size
- Removable
- Colour: orion grey matt
- Material: nylon/stainless steel (Inox)

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

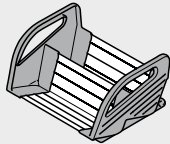
www.blum.com/a540

Inner dividing systems



- ▶ ORGA-LINE kitchen accessories
- ▶▶ Order information

Spice holder



- Antislipping device through flexible base fixing bracket
- Removable
- For a variety of spice container sizes
- Colour: RAL 7037 dust grey
- Material: nylon/stainless steel (Inox)

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	





Fronts close softly and effortlessly and open easily with a light touch – at the same time, you also have greater freedom in selecting a sophisticated design: the motion technology from Blum makes this possible.

Four technologies give you almost countless possibilities for beautiful and practical furniture in kitchens and in many other living areas. This always ensures customised furniture – with or without handles.

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



Mechanical – soft close
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



Electrical – opening and soft close
Supports opening after the front is touched. This subsequently activates the automatic motion. BLUMOTION provides silent and effortless closing action

TIP-ON BLUMOTION



Mechanical – opening and soft close
When pressed on the front, pull-outs open just far enough so that they can then be fully opened. They close softly and effortlessly with a light push thanks to integrated BLUMOTION

TIP-ON



Mechanical – opening
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

 <p>Symbolic image</p>	<p>Overview – applications</p>	<p>534</p>
<p>▶ SERVO-DRIVE single applications</p>		
 <p>Symbolic image</p>	<p>▶ SERVO-DRIVE single applications</p>	<p>536</p>
	<p>▶▶ Overview</p>	<p>537</p>



Motion technologies	BLUMOTION		SERVO-DRIVE		TIP-ON BLUMOTION		TIP-ON		
	●	○	●	○	●	○	●	○	
Lift systems									
▶ AVENTOS HF	●	23	○	23	–	–	–	–	
▶ AVENTOS HS	●	35	○	35	–	–	–	–	
▶ AVENTOS HL	●	41	○	41	–	–	–	–	
▶ AVENTOS HK top	●	47	○	47	–	–	○	47	
▶ AVENTOS HK-S	●	57	–	–	–	–	○	57	
▶ AVENTOS HK-XS	●	63	–	–	–	–	○	63	
Hinge systems									
▶ CLIP top BLUMOTION CLIP top									
CLIP top BLUMOTION	●	75	–	–	–	–	–	–	
CLIP top	○	171	–	–	–	–	○	185	
▶ MODUL									
MODUL BLUMOTION	●	189	–	–	–	–	–	–	
MODUL	–	–	–	–	–	–	–	–	
Box systems									
▶ LEGRABOX	●	205	○	321	○	249	●	255	
▶ TANDEMBOX intivo	●	261	○	321	○	313	–	–	
▶ TANDEMBOX antaro	●	263	○	321	○	313	–	–	
▶ TANDEMBOX plus	●	311	○	321	○	313	–	–	
▶ METABOX	○	371	–	–	–	–	–	–	
Runner systems									
▶ MOVENTO	●	379	○	455	○	397	●	403	
▶ TANDEM	●	409	○	455	–	–	○	409	
●	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	538
SERVO-DRIVE flex for dishwashers	542

▶▶ Assembly, removal and adjustment



Symbolic image

Assembly, removal and adjustment	
Short-URL www.blum.com/a610	

Machine directive	665
Detailed information on the Machine Directive	
Short-URL www.blum.com/sd/guideline	

SERVO-DRIVE uno



Symbolic image

SERVO-DRIVE uno for bottom mount waste bin solutions – LEGRABOX TANDEMBOX	346
SERVO-DRIVE uno for top mount waste bin solutions – TANDEMBOX	348
SERVO-DRIVE uno for bottom mount waste bin solutions – MOVENTO TANDEM	484

SERVO-DRIVE uno for AVENTOS	25
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Pictograph



Item Available Upon Request



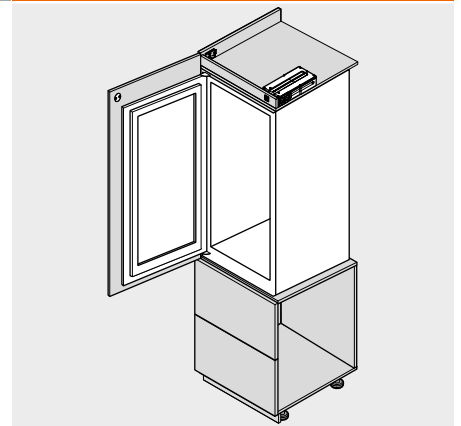
- ▶ SERVO-DRIVE single applications
- ▶▶ SERVO-DRIVE flex

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:

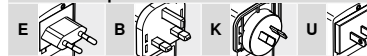
9	1 x Drive unit
17a	2 x Mounting plate
17b	2 x Front fixing
17c	1 x Front cover
17d	1 x Catch plate
1	3 x Blum distance bumper
12a	1 x Connecting node
17e	11 x Chipboard screws
17f	1 x Assembly jig

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



Language package

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

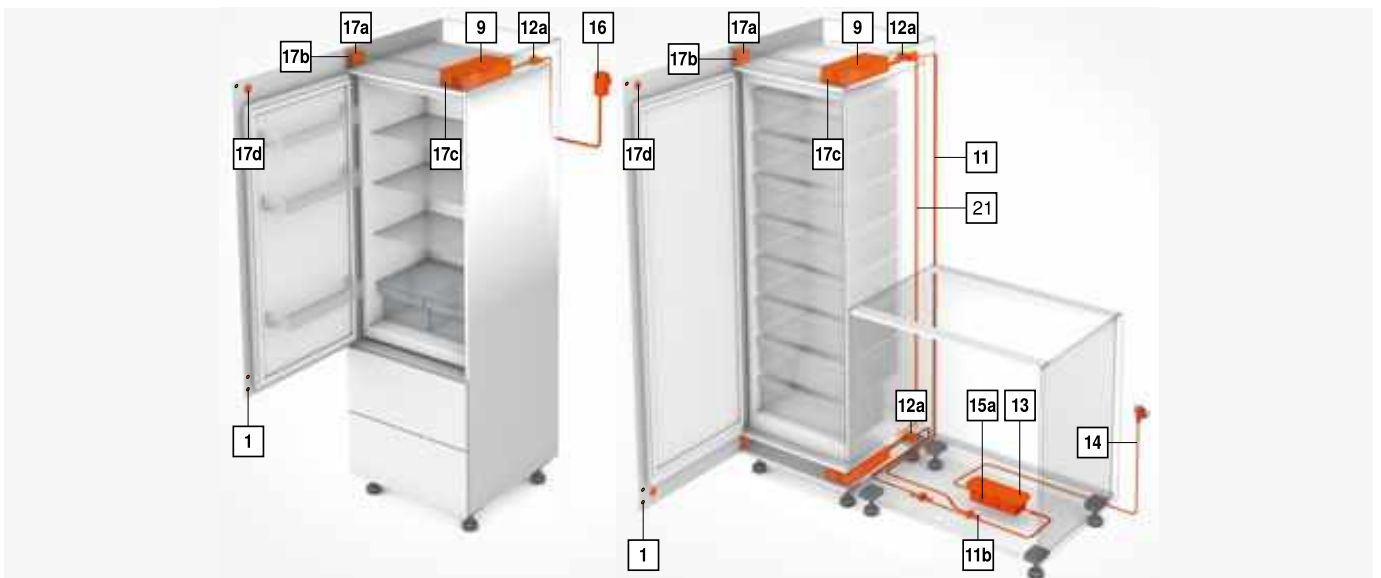
Language descriptions as per ISO-639

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

Colour	Length (mm)	Part no.
S	3000	Z10K300A

For cutting to size

12 Connecting node and cable end protector

Colour	Material	Part no.
S	Nylon	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	F	Z10NE030F
B	Z10NE030B	G	Z10NE030G
C	Z10NE030C	H	Z10NE030H
D	Z10NE030D	J	Z10NE030J
E	Z10NE030E		

Required for two or more drive units
Incl. instruction leaflet and installation instructions

Without flex

Language package

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

Language descriptions as per ISO-639

14 Flex

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

¹ Without plug

15a Transformer unit housing

Base fixing

Colour	Material	Part no.
R7037	Nylon	Z10NG000

Incl. cover

For Blum transformer 24 W

Alternative to 15a

15b Transformer unit housing

Panel fixing

Colour	Material	Part no.
WGR	Nylon	Z10NG120

For Blum transformer 24 W

Freezer – recess height NH ≥ 1780 mm

21 Synchronisation cable

Colour	Length (mm)	Part no.
R7035	3000	Z10K300A

For cutting to size

Connects two drive units that need to activate simultaneously

Accessories

– Cable holder

Colour	Material	Part no.
W	Nylon	Z10K0009

For example, for securing the distribution cable

24 SERVO-DRIVE switch

Colour	Part no.
HGR SW TGR	Z1P5020

25 Wireless receiver

Colour	Part no.
R7035	Z10C5007

Colour	Colour
R7035	RAL 7035 light grey
R7037	RAL 7037 dust grey
S	Black
W	White
HGR	Light grey
SW	Silk white
TGR	Dark grey
WGR	White grey

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Assembly, removal and adjustment

Short-URL
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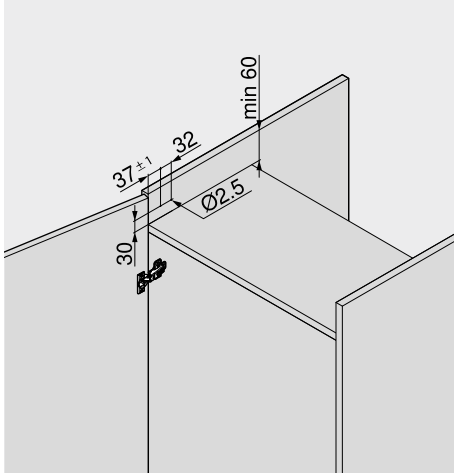


SERVO-DRIVE flex for refrigerators and freezers

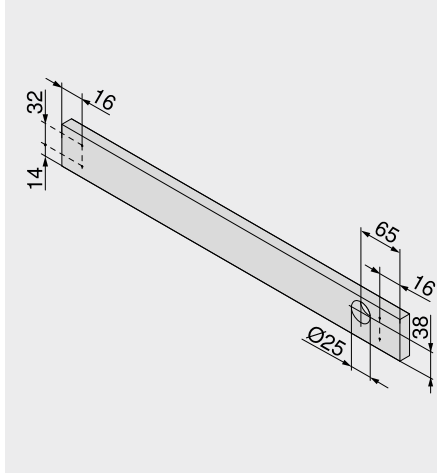
Webcode
DQE85A

Planning

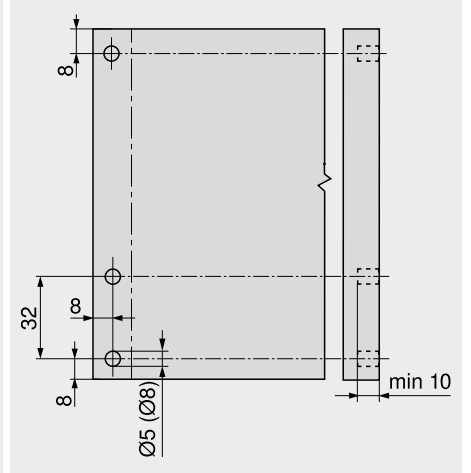
Mounting plate



Front – drive unit

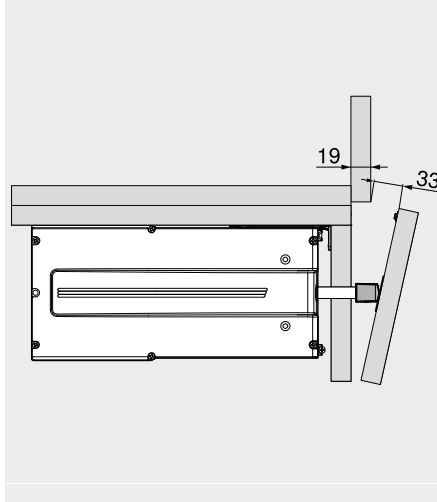
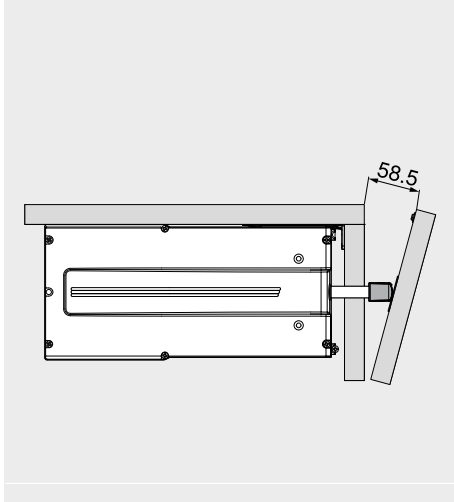


Blum distance bumper

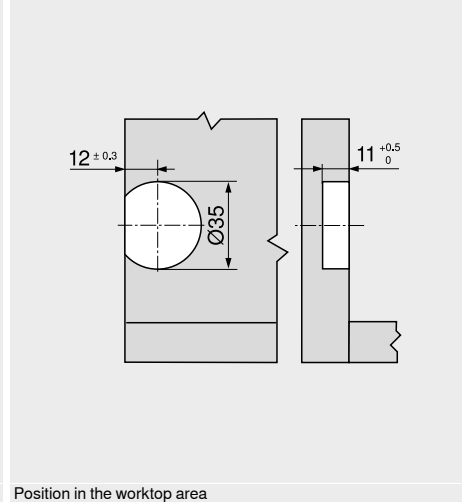


Blum distance bumper is required for the refrigerator and freezer door
The Blum distance bumper creates and maintains the required trigger path of 2 mm

Access gap

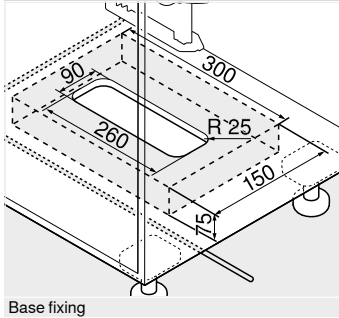


SERVO-DRIVE switch

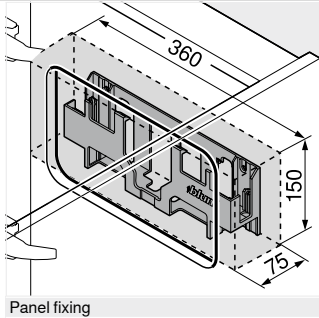


Position in the worktop area

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

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More technical details

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Assembly, removal and adjustment

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SERVO-DRIVE single applications ◀
SERVO-DRIVE flex ◀◀

Motion technologies





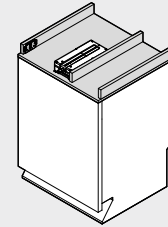
- ▶ SERVO-DRIVE single applications
- ▶▶ SERVO-DRIVE flex

SERVO-DRIVE flex for dishwashers

Webcode
DQE8UM



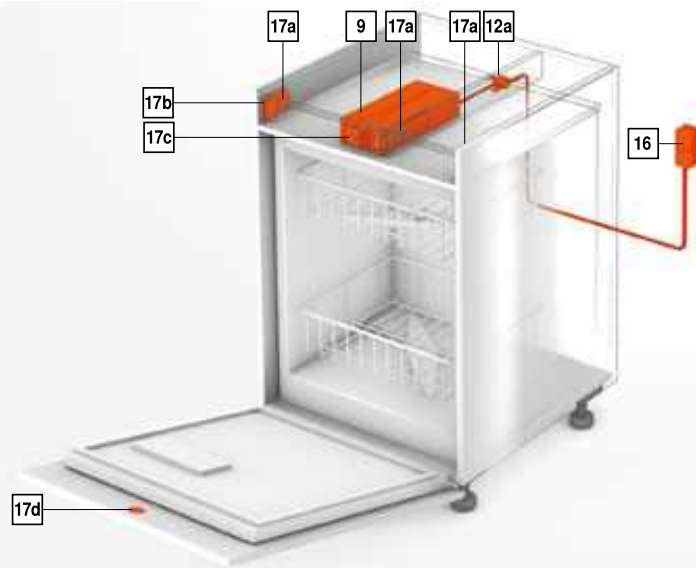
- For all standard built-in dishwashers
- Low recess height NH for drive unit of min. 60 mm
- Adaptive system
- Leaning protection
- Trigger safety
- Easy assembly and installation
- Application option dependent on device type and worktop and plinth height; see Planning



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						
	E	B	K	U		
Language package						
A	DE EN FR IT NL			F	BG ET LT LV RO RU	
B	DA EN FI NO SV			G	EN ES FR	
C	EL EN HR SL SR TR			H	EN ZH	
D	EN ES FR IT PT			J	JA	
E	CS HU PL SK					
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						



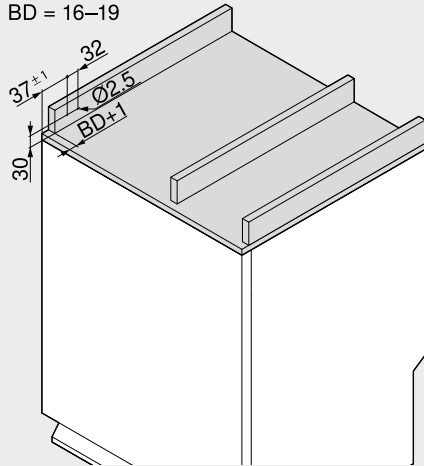
SERVO-DRIVE flex for dishwashers

Webcode
DQE8UM

Planning

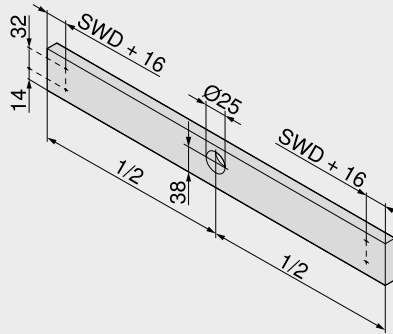
Mounting plate

BD = 16–19



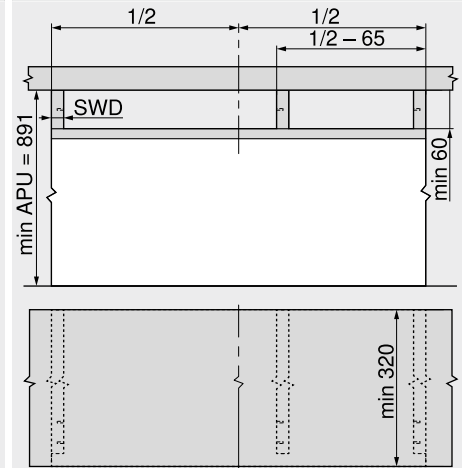
BD Front thickness
Max. 19 mm

Front – drive unit



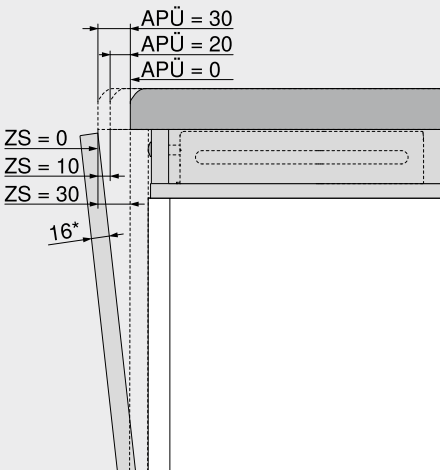
SWD Side panel thicknesses

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
* The access gap ZS decreases with thicker fronts

Page instructions

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Machine directive	665
More technical details	662

Assembly, removal and adjustment

Short-URL
www.blum.com/a610





Cabinet applications



SPACE STEP provides additional storage space in the plinth area and enables you to reach the highest storage space level in the wall or tall cabinet

Locking systems



CABLOXX adds an extra layer of security to premium furniture, whilst offering plenty of design freedom

Fixing systems



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 | cabinet connectors



Blum hanging brackets withstand high loads and are exceptionally safe. This kind of reliability is very important for heavily loaded furniture. The Blum programme contains **cabinet connectors** that can be used in numerous furniture applications

► Cabinet applications

	SPACE STEP	546
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► Locking systems

	CABLOXX	552
--	---------	-----

► Fixing systems

	Fixing system for thin fronts – EXPANDO T	554
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► Wall hanging bracket

	Screw-on wall hanging bracket	556
	Knock-in wall hanging bracket	556

► Cabinet connectors

	Screw-on cabinet connector	557
	Knock-in cabinet connector	557
	Connector screw cabinet connector	558
	Cabinet connector with dowel and expansion pin	559
	Cabinet connector with connecting piece system 32	559

Pictograph

	Item Available Upon Request
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SPACE STEP

Webcode
DQHKHA



- Enables access to the next storage level up in wall cabinets
- Creates additional storage space in the pull-out underneath the SPACE STEP
- Can be combined with all Blum box and runner systems
- Can be combined with all Blum motion technologies
- High flexibility: SPACE STEP can be used in all living spaces

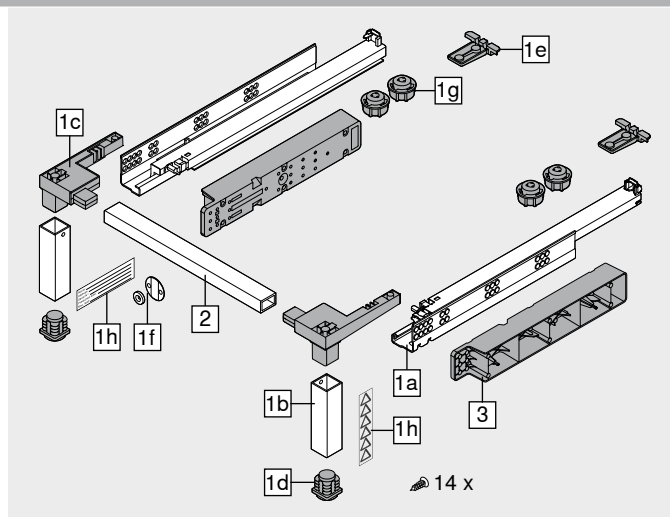
Order information

1	SPACE STEP set		
	Nominal length NL (mm)	Colour	Part no.
	410	Orion grey matt	Z95.4100
	460	Orion grey matt	Z95.4600
1a	1 x TANDEM 561Hxxx1B95 left/right		
1b	2 x Vertical support		
1c	2 x Corner connector		
1d	2 x Support feet		
1e	2 x Rear panel bracket		
1f	1 x Front connector (magnet and catch plate)		
1g	4 x Blum distance bumper Cabinet width KB > 900 mm, use 4 Blum distance bumpers		
1h	2 x Sticker (safety information and manufacturer information sticker)		
-	14 x Flat headed screws Ø 4 x 15 mm		
-	1 x Installation instructions		

2	Horizontal profile		
	Material	Length (mm)	Part no.
	Aluminium	1040	Z95Q1040A
For cutting to size Recommendation: cabinet width KB 1200 mm, use 2 pcs. to prevent excessive bending			
Cutting	Internal cabinet width LW – 130 mm		

Accessories

3	Blum spacer strip		
	Material	Colour	Part no.
	Nylon	Orion grey matt	Z95D4100
For mounting the pull-out runners, suitable for all Blum box and runner systems			



Planning

Note



- Max. load bearing capacity 150 kg**
As the manufacturer, you are responsible for determining the actual load bearing capacity of the furniture manufactured by you that uses the SPACE STEP as per EN-14183, this value must also be stated on the manufacturer information sticker
- Recommended material**
A 3-ply panel (3S) at least 21 mm thick is recommended for the plinth step
- Recommended step surface**
The step surface must be anti-slip
This can take the form of an anti-slip mat directly affixed to the step surface or by using anti-slip panel material
- In order to ensure that the SPACE STEP is held in position as securely as possible, the sub-surface and the step surface must be clean and dry
- Cabinet width KB > 900 mm, use 4 Blum distance bumpers
- Attaching the labels**
EN-14183 requires both of the labels enclosed to be clearly displayed
- Pull-out underneath SPACE STEP**
Only 30 or 40 kg runners may be used
The dynamic carrying capacity for the pull-out underneath the SPACE STEP is 20 kg

SPACE STEP

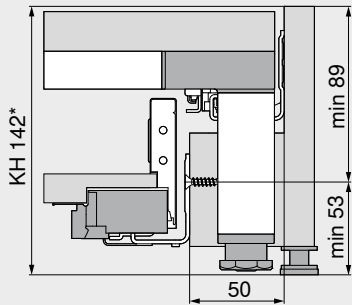
Webcode
DQHKHA

Planning

LEGRABOX

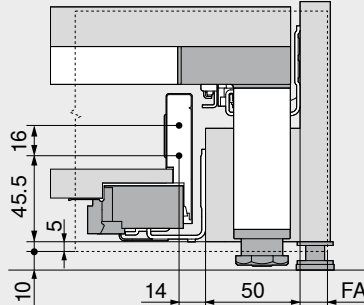
N height

Space requirement in cabinet



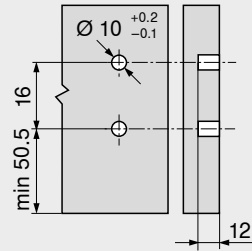
KH Cabinet height
* When using the Blum spacer strip, min. cabinet height KH 148 mm
Min. cabinet width KB 400 mm

Installation dimensions – front – screw-on



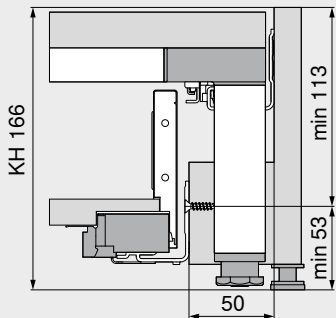
FA Front overlay

Drilling distances – front – EXPANDO front



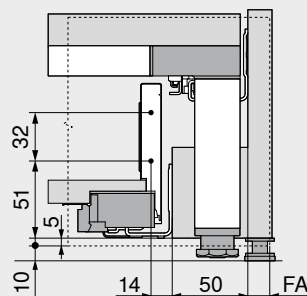
M height

Space requirement in cabinet



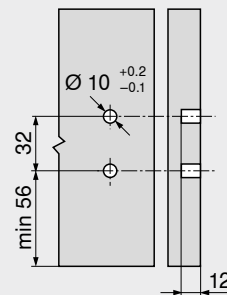
KH Cabinet height
Min. cabinet width KB 400 mm

Installation dimensions – front – screw-on



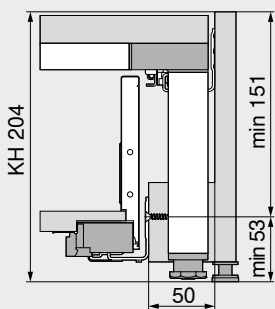
FA Front overlay

Drilling distances – front – EXPANDO front



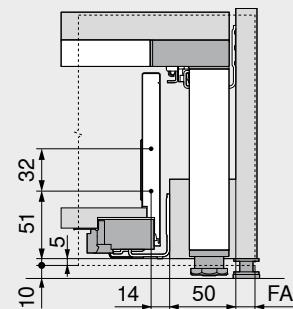
K height

Space requirement in cabinet



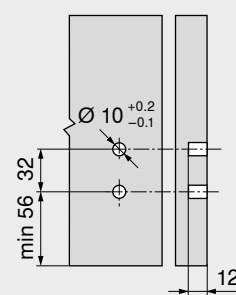
KH Cabinet height
Min. cabinet width KB 400 mm

Installation dimensions – front – screw-on



FA Front overlay

Drilling distances – front – EXPANDO front



Page instructions

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Overview – assembly devices	561

SPACE STEP

Short-URL
www.blum.com/i009



Assembly, removal and adjustment

Short-URL
www.blum.com/a730



SPACE STEP

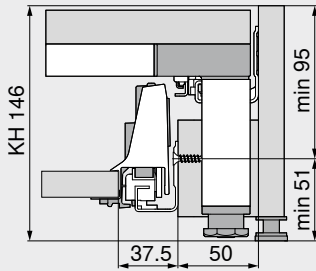
Webcode
DQHKHA

Planning

TANDEMBOX

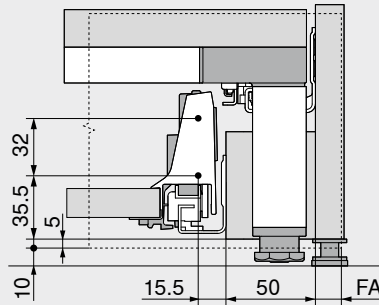
N height

Space requirement in cabinet



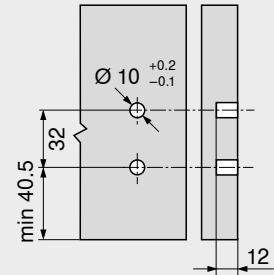
KH Cabinet height
Min. cabinet width KB 400 mm

Installation dimensions – front – screw-on



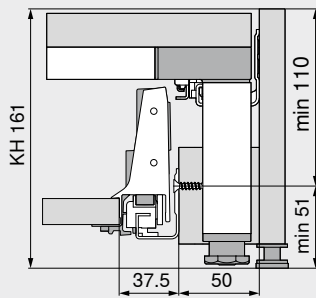
FA Front overlay

Drilling distances – front – EXPANDO front



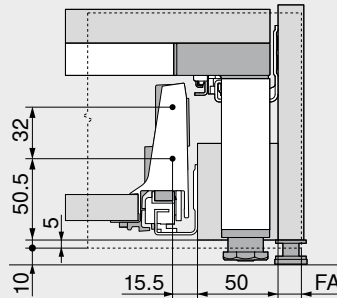
M height

Space requirement in cabinet



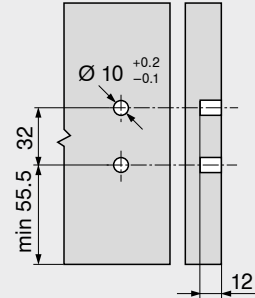
KH Cabinet height
Min. cabinet width KB 400 mm

Installation dimensions – front – screw-on



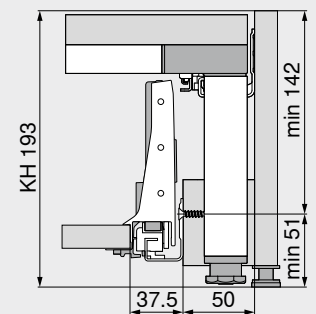
FA Front overlay

Drilling distances – front – EXPANDO front



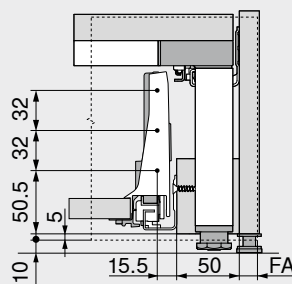
K height

Space requirement in cabinet



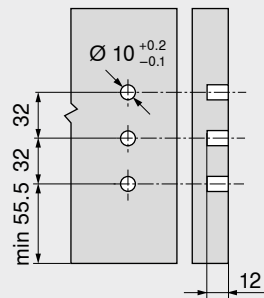
KH Cabinet height
Min. cabinet width KB 400 mm

Installation dimensions – front – screw-on



FA Front overlay

Drilling distances – front – EXPANDO front



Page instructions

- Overview – further products
- Overview – TANDEMBOX intivo
- Overview – TANDEMBOX antaro
- Overview – TANDEMBOX plus
- Overview – assembly devices

- 545 **SPACE STEP**
- 261
- 263
- 311 **Short-URL**
- 561 www.blum.com/i009



Assembly, removal and adjustment

- Short-URL**
- www.blum.com/a730



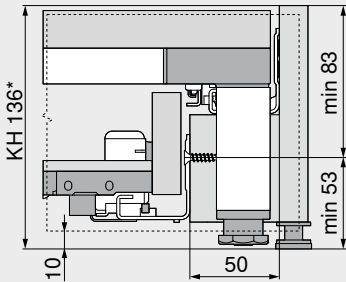
SPACE STEP

Webcode
DQHKHA

Planning

MOVENTO

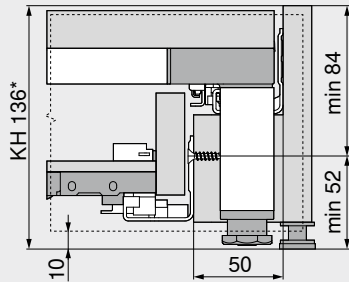
Space requirement in cabinet



KH Cabinet height
* When using the Blum spacer strip, min. cabinet height KH 148 mm
Min. cabinet width KB 400 mm
Min. cabinet width KB 450 mm with SERVO-DRIVE

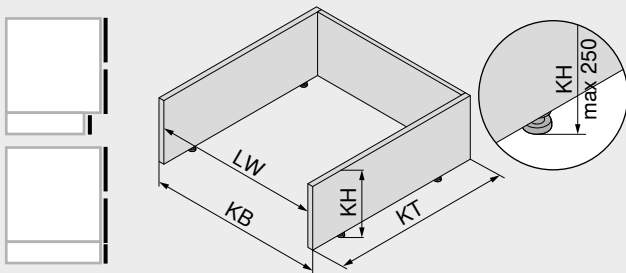
TANDEM

Space requirement in cabinet

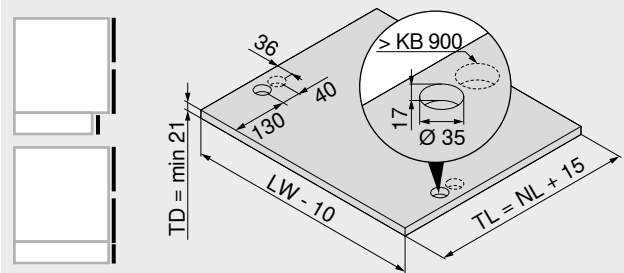


KH Cabinet height
* When using the Blum spacer strip, min. cabinet height KH 148 mm
Min. cabinet width KB 400 mm
Min. cabinet width KB 450 mm with SERVO-DRIVE

Space requirement – Recess | Flush plinth front

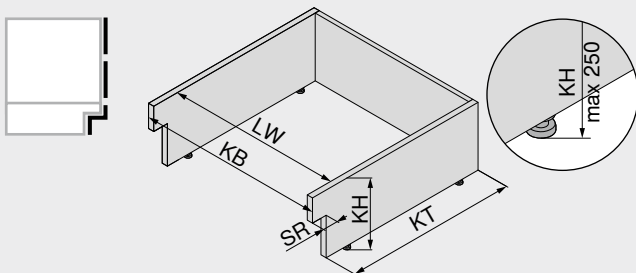


KB Cabinet width
KH Cabinet height
Including cabinet foot
KT Cabinet depth
LW Internal cabinet width

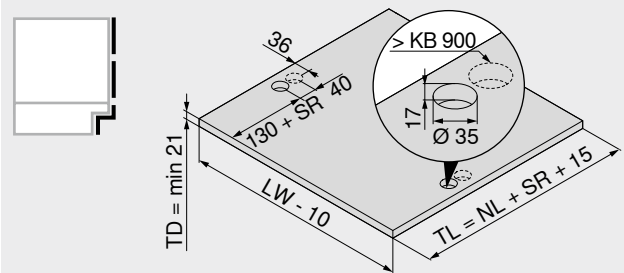


KB Cabinet width
LW Internal cabinet width
NL Nominal length
TD Pull-out shelf base thickness
TL Shelf length

Space requirement – Recess – Low plinth recess



KB Cabinet width
KH Cabinet height
Including cabinet foot
KT Cabinet depth
LW Internal cabinet width
SR Plinth recess
Max. 100 mm



KB Cabinet width
LW Internal cabinet width
NL Nominal length
SR Plinth recess
TD Pull-out shelf base thickness
TL Shelf length

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SPACE STEP

Short-URL
www.blum.com/i009



Assembly, removal and adjustment

Short-URL
www.blum.com/a730

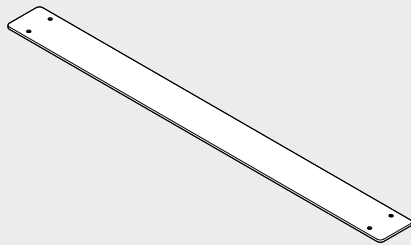


SPACE STEP

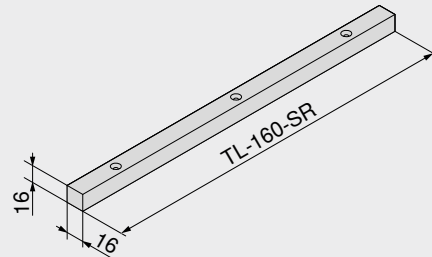
Webcode
DQHKHA

Planning

Drilling pattern – cross member for plinth cabinet

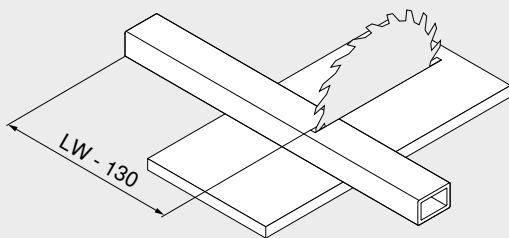


Dimension – side panel left/right



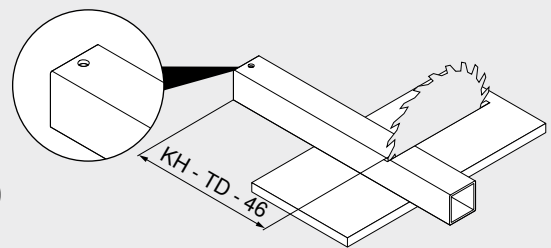
SR Plinth recess
TL Shelf length

Cutting – horizontal profile



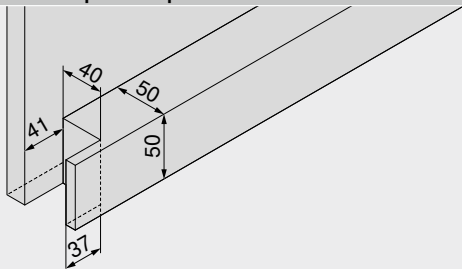
LW Internal cabinet width

Cutting – vertical support



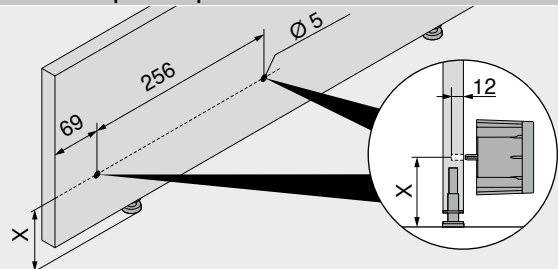
KH Cabinet height
TD Pull-out shelf base thickness

Installation dimensions – wood spacer strip



In-house production

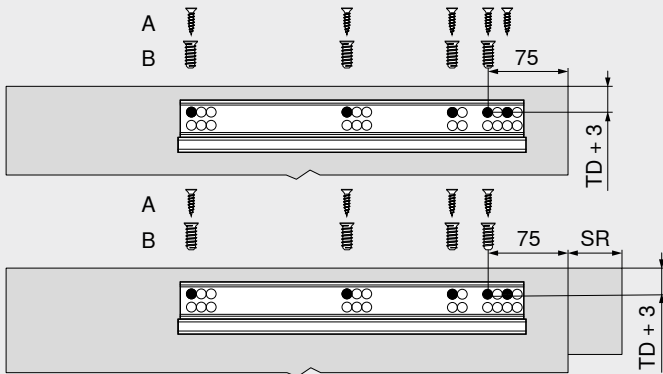
Dimension – Blum spacer strip



Pull-out systems	X (mm)
LEGRABOX	53
TANDEMBOX	51
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Chipboard screws Ø 3.5 x 60 mm or Ø 4 x 60 mm

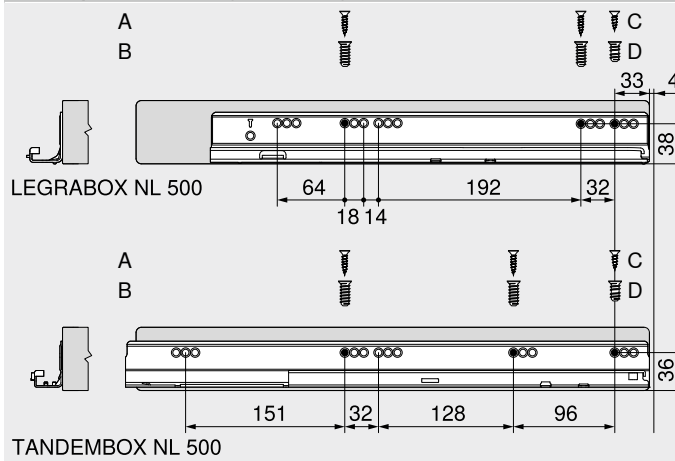
Runner – SPACE STEP – 561Hxxx1B95



Nominal length NL (mm)

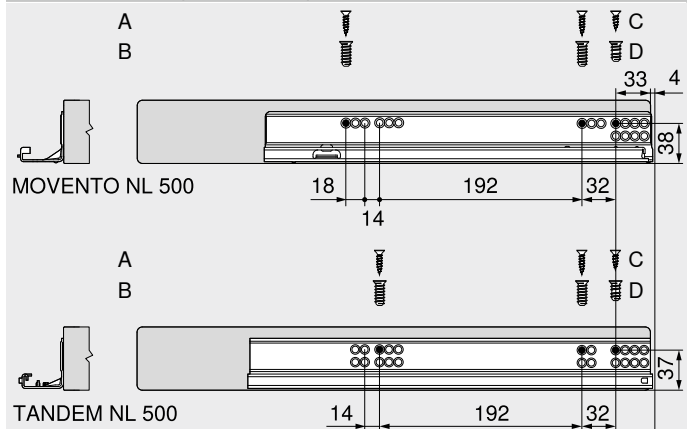
Pull-out systems	SPACE STEP
≤ 450	410
> 450	460
TD	Pull-out shelf base thickness
SR	Plinth recess
A	Chipboard screws Ø 4 x 15 mm
B	System screws, part no. 661.1450.HG

Cabinet profile 750 – 40 kg | 578 – 30 kg



NL	Nominal length
A	Chipboard screws Ø 4 x 15 mm
B	System screws, part no. 661.1450.HG
C	Chipboard screws Ø 4 x 12 mm
D	System screws, part no. 661.1150.HG

Runner 760H – 40 kg | 560H – 30 kg



NL	Nominal length
A	Chipboard screws Ø 4 x 15 mm
B	System screws, part no. 661.1450.HG
C	Chipboard screws Ø 4 x 12 mm
D	System screws, part no. 661.1150.HG



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			Part no.
		Cabinet height KH (mm)	Material	
		Up to 600	Steel	Z80S0560
		Up to 800	Steel	Z80S0760
		Up to 1300	Steel	Z80S1260

Composed of:

- 1a 1 x Locking bar
- 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

Locking bar set right – Ready-made

-	Locking bar set right – M M M			Part no.
		Length (mm)	Material	
		542	Steel	Z80S0542CA

Composed of:

- 1a 1 x Locking bar
- 1b 3 x Spacer, pre-assembled
- 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 right – C | M

-	Locking bar set right – C M			Part no.
		Length (mm)	Material	
		542	Steel	Z80S0542BA

Composed of:

- 1a 1 x Locking bar
- 1b 2 x Spacer, pre-assembled
- 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

Accessories

-	Synchronisation set			Part no.
		Colour	Material	
		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

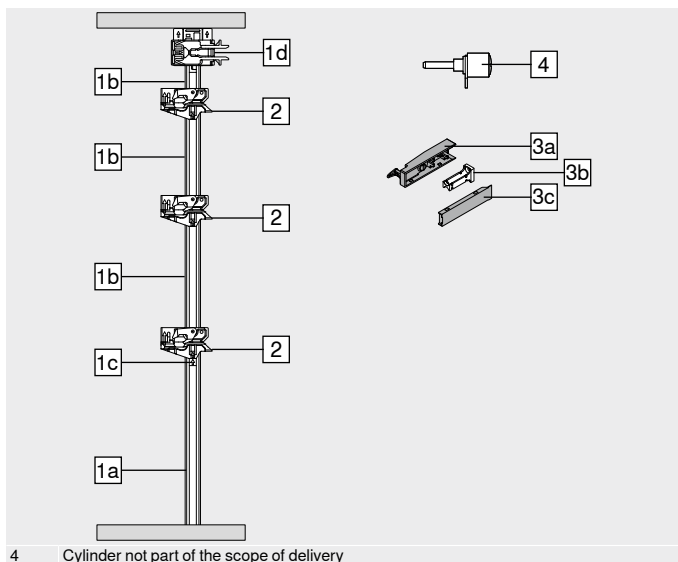
-	Synchronisation linkage			Part no.
		Length (mm)	Material	
		1163	Aluminium	Z80V1163W

For cutting to size

When a synchronisation is used, two locking bar sets are necessary

Cutting Internal cabinet width LW – 7 mm

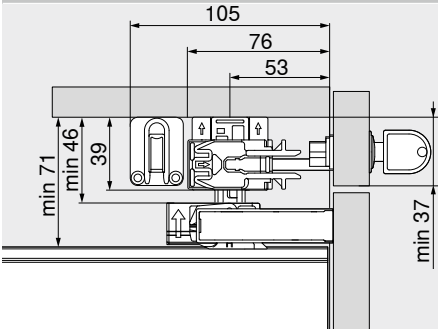
Colour	Colour
SW-M Silk white matt	TS-M Terra black matt
WGR White grey	S Black
OG-M Orion grey matt	



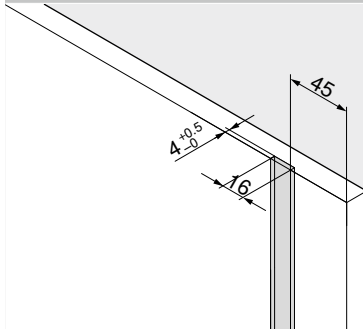
CABLOXX

Planning

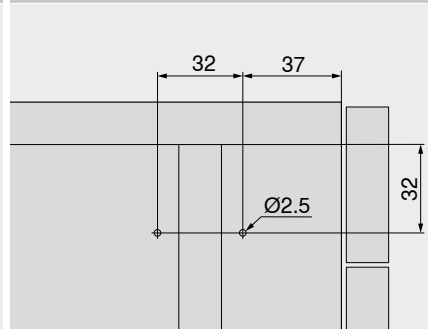
Space requirement – locking bar and synchronisation



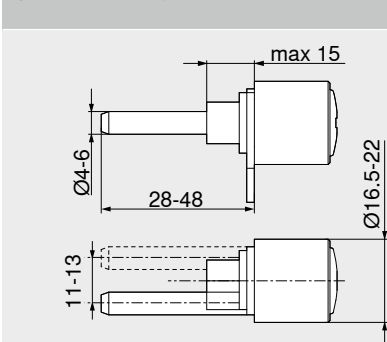
Groove dimension – locking bar



Drilling distances – locking bar

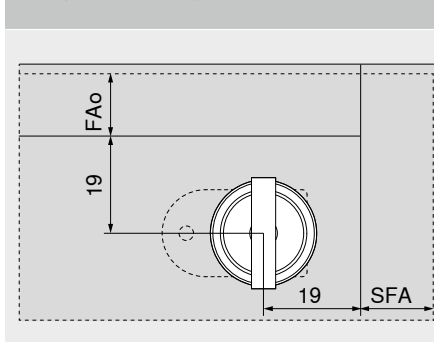


Specifications – cylinder



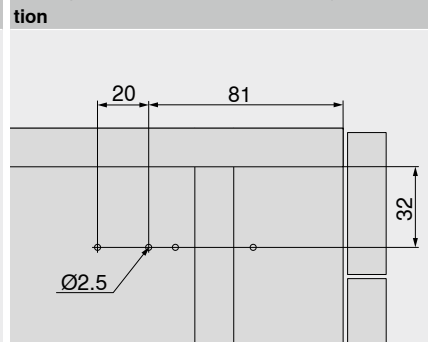
Cylinder not part of the scope of delivery

Drilling distances – cylinder



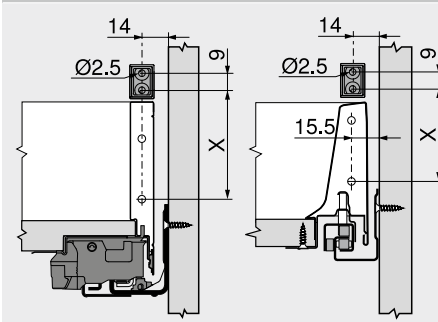
FAo Upper front overlay
SFA Front overlay of the side panel

Drilling distances – attachment for synchronisation



Drilling distances – front piece for front locking bracket

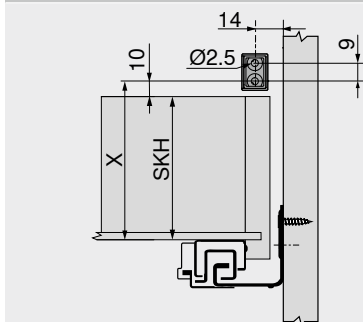
LEGRABOX | TANDEMBOX



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 -

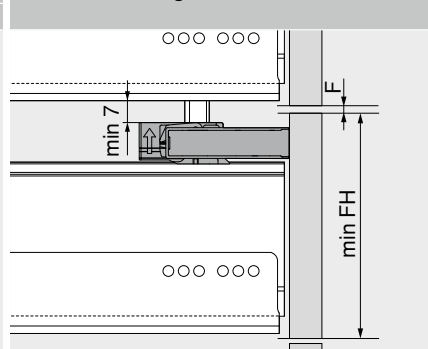
Front piece for front locking bracket to be pre-drilled Ø 2.5 mm
¹ +4 mm with LEGRABOX with AMBIA-LINE cross gallery

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	545
Overview – LEGRABOX	205
Overview – TANDEMBOX intivo	261
Overview – TANDEMBOX antaro	263
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Overview – TANDEM	409
Overview – assembly devices	561
More technical details	662

Assembly, removal and adjustment

Short-URL	www.blum.com/a710
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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

AVENTOS HS | HL | HK top

Front fixing bracket			
Version	Material	Part no.	
Symmetrical	Steel	20S42T1	

Fixing positions as per the instructions in the section on lift systems

Hinge systems

CLIP top BLUMOTION | CLIP top

Hinge for thin doors				
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

LEGRABOX

Front/base stabiliser for thin fronts			
Colour	Material	Part no.	
R7037	Nylon	Z96.00T1	

Fixing positions as per the instructions in the section on box systems – LEGRABOX

Recommendation:

- Cabinet width KB > 600 mm: 1 item
- Cabinet width KB > 900 mm: 2 items
- Front height FH > 380 mm: 1 item

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

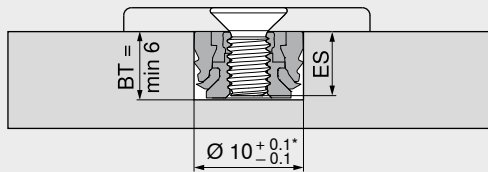
Area of application – EXPANDO T

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/mm ²)	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

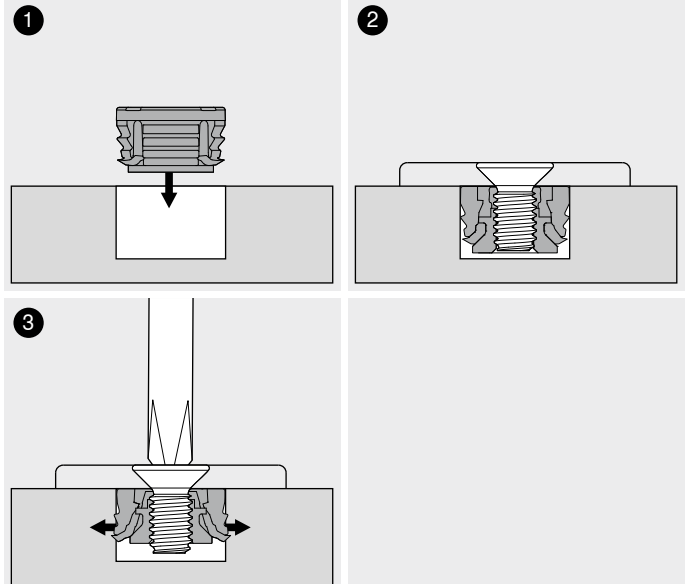
Drilling depth | screw selection – EXPANDO T



Screws with M4 thread have to be used for EXPANDO T single
 The lowest possible drilling depth should be selected for the single dowel, depending on the screw length

- 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	545
Overview – AVENTOS HS	35
Overview – AVENTOS HL	41
Overview – AVENTOS HK top	47
Overview – CLIP top BLUMOTION CLIP top – hinges	75
Overview – LEGRABOX	205
Front/base stabiliser for thin fronts	244

More on our new EXPANDO T fixing system

Short-URL
www.blum.com/EXPANDO_T_3

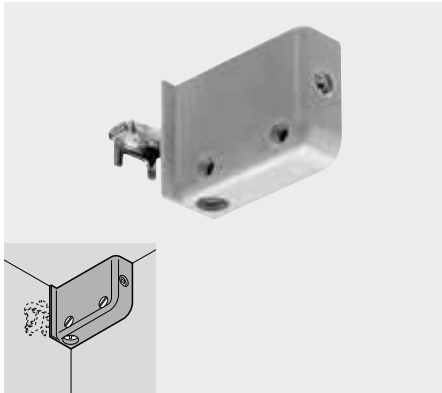


Assembly, removal and adjustment

Short-URL
www.blum.com/a720



Screw-on wall hanging bracket



- Nylon housing with steel arm zinc plated
- 3-dimensional adjustment
- Load bearing 130 kg per pair in accordance with DIN EN 15939 (test frame A)
- Colour: white | brown | RAL 9001

Order information

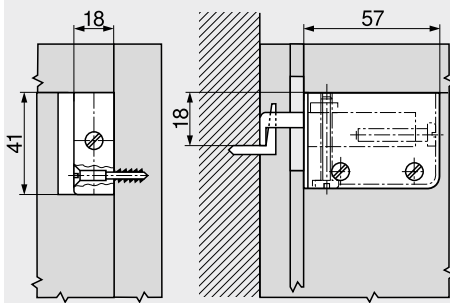
Version	Part no.
Right hand	48N0510.02
Left hand	48N0510.03

Page instructions

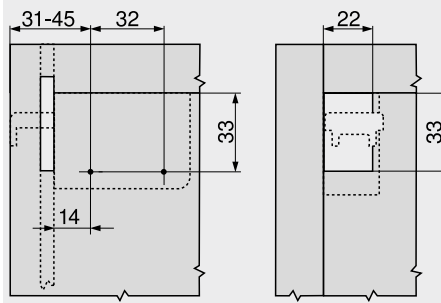
Testing standards	666
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Planning

Space requirement

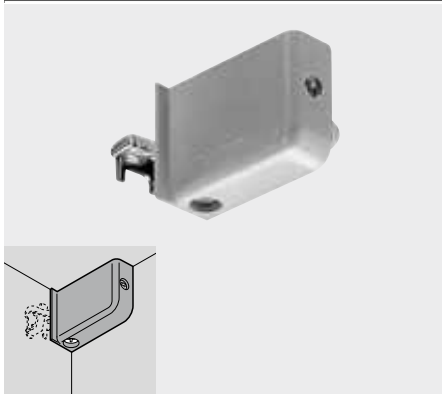


Fixing position



On cabinet side and dimensions of back cut-out

Knock-in wall hanging bracket



- Nylon housing with steel arm zinc plated
- 3-dimensional adjustment
- Load bearing 130 kg per pair in accordance with DIN EN 15939 (test frame A)
- Colour: white | brown | RAL 9001

Order information

Version	Part no.
Right hand	48N0610.02
Left hand	48N0610.03

Accessories

Insertion ram

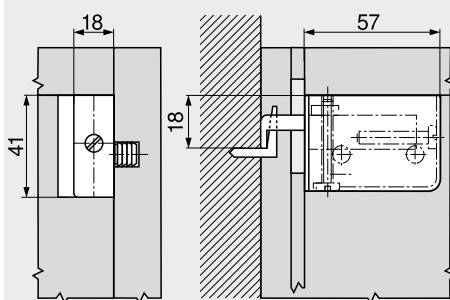
Assembly	Part no.
Wall hanging bracket	MZM.0078
MINIPRESS	

Page instructions

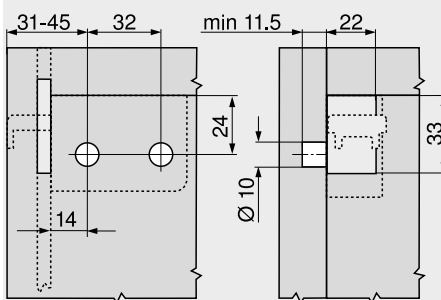
Testing standards	666
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Planning

Space requirement

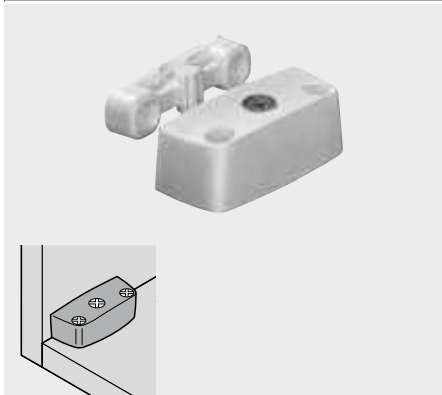


Fixing position



On cabinet side and dimensions of back cut-out

Screw-on cabinet connector

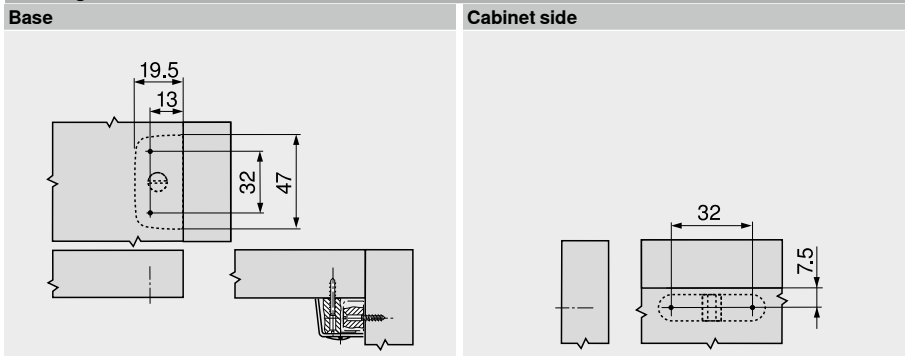


- Nylon housing with integral die-cast cam
- Nylon connector piece

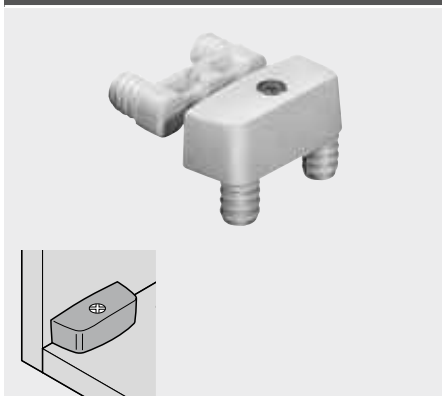
Order information

Colour	Part no.
White brown	40.2000

Planning



Knock-in cabinet connector

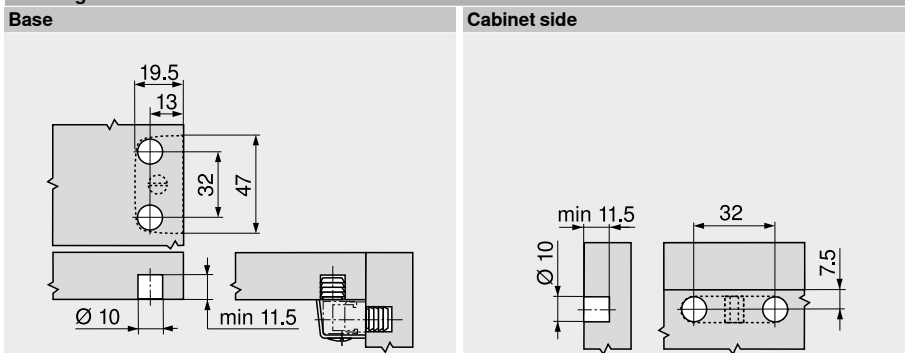


- Nylon housing with integral die-cast cam
- Nylon connector piece

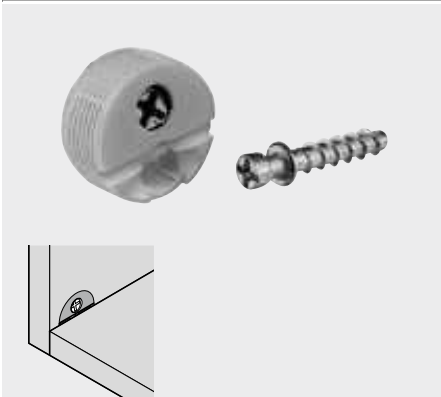
Order information

Connector housing	
Colour	Part no.
White brown	40.2110
Base connector	
Colour	Part no.
Natural	40.2120.02

Planning



Connector screw cabinet connector



- Nylon housing with integral die-cast cam
- Zinc die-cast connector screw

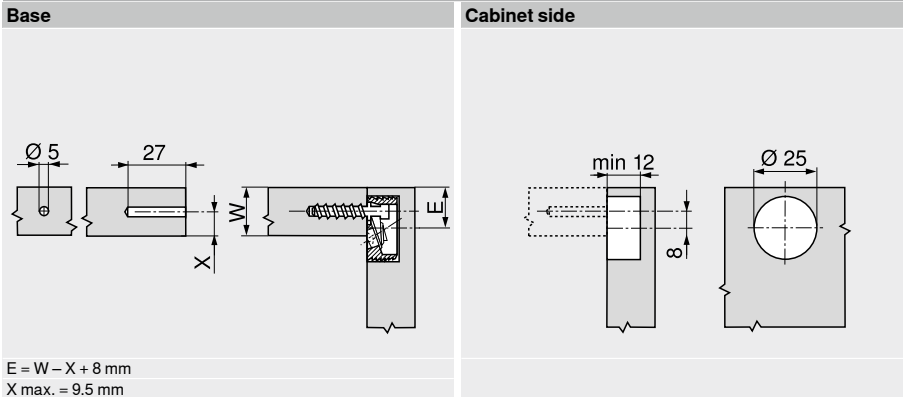
Order information

Colour	Part no.
White brown	42.0700.01

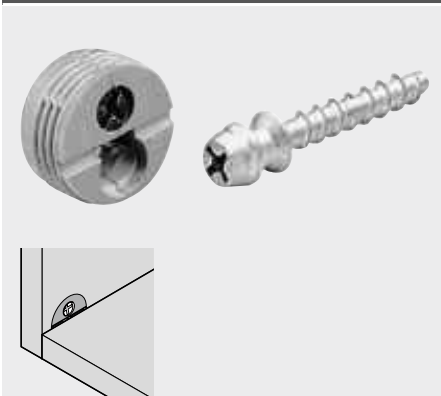
Accessories

Insertion ram	
	Assembly 1 Part no.
	Connector housing MZM.0077
1	MINIPRESS

Planning



Connector screw cabinet connector



- Nylon housing with integral die-cast cam
- Zinc die-cast connector screw

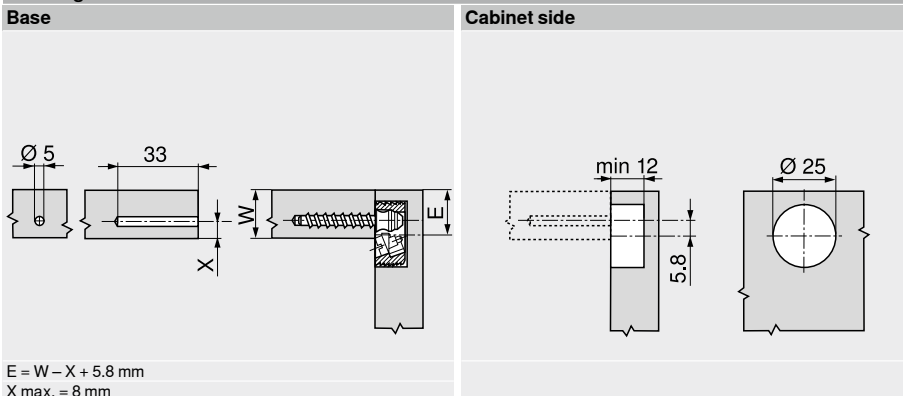
Order information

Connector housing	
Colour	Part no.
White brown	40.0110N
Connector screw	
Material	Part no.
Zinc	40.0720

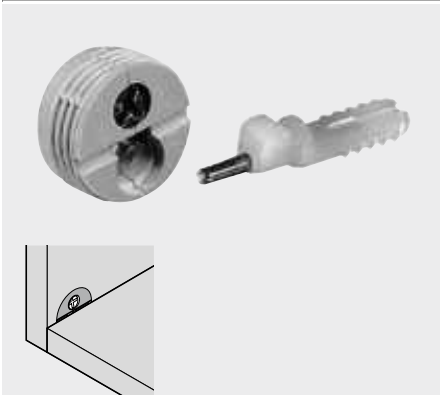
Accessories

Insertion ram	
	Assembly 1 Part no.
	Connector housing MZM.0077
1	MINIPRESS

Planning



Cabinet connector with dowel and expansion pin



- Nylon housing with integral die-cast cam
- Nylon connector with steel expansion pin

Order information

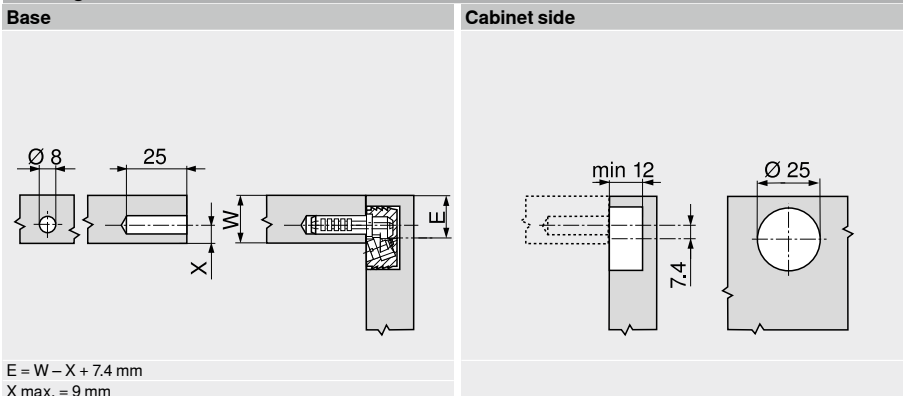
Colour	Part no.
White brown	40.0200N

Accessories

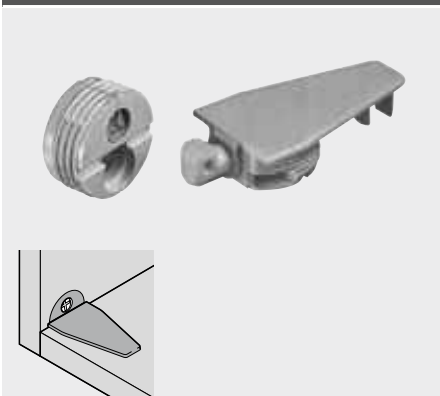
Insertion ram

Assembly	1	Part no.
Connector housing		MZM.0070
1 MINIPRESS		

Planning



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

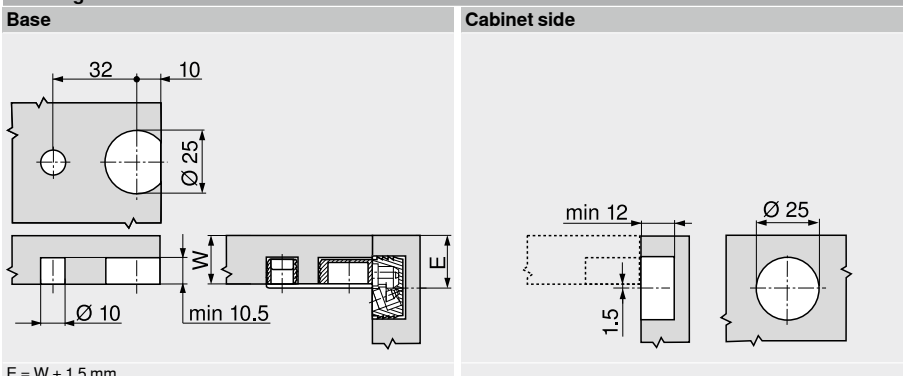
Colour	Part no.
White brown	40.0620

Accessories

Insertion ram

Assembly	1	Part no.
Connector housing		MZM.0070
Base connector		MZM.0071
1 MINIPRESS		

Planning





At Blum, we want to make the assembly of our products as easy and efficient as possible because perfect motion requires precise assembly.

Our E-SERVICES and assembly devices provide you with optimal support in the planning and assembly of our products: due to their ease of use, high user-friendliness and high durability. In addition, our E-SERVICES are available to you at all times and free of charge.

We place great value on safety – our assembly devices are tested and thus correspond to the highest safety requirements of European standards and guidelines.

E-SERVICES



With the E-SERVICES from Blum we can support you online, at any time and anywhere. Our services are geared directly towards your day-to-day work. But every service helps you to achieve the desired results more quickly and efficiently

Drilling and insertion machines



Our wide range of drilling and insertion machines are well equipped to deal with any assembly situation

Assembly devices



Our assembly devices help to ensure the precise assembly of Blum box systems

Templates



Use our templates to ensure accurate assembly of our products



▶ E-SERVICES



▶ E-SERVICES	570
▶▶ Overview	571

▶ Drilling and insertion machines



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▶ Assembly devices



▶ Assembly devices	610
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▶ Templates



▶ Templates	616
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▶▶ Overview – assembly possibilities	620

E-SERVICES – efficient support, every step of the way



Blum's E-SERVICES are digital services for our customers and partners. They are available online anytime, anywhere – and free of charge for customers too. Good services are there when you need them. That is why our services are geared to your everyday operations. Some make individual tasks easier, others support you throughout several steps in the process chain. Every E-SERVICE will help you achieve the best possible result more quickly and easily.

Product Configurator



Simply select, configure and order your fittings – that's it

Cabinet Configurator



Total support from planning to manufacturing

CAD/CAM data service



The direct route to current data

Product Database



Technical information on Blum products

EASY ASSEMBLY app









The digital tool for your assembly

Marketing Media Library



As varied as your marketing needs



Description	Page	Work steps				
		Planning design product selection	Purchasing ordering	Production manufacturing	Assembly adjustment	Marketing
▶▶ Applications						
 Product Configurator	564	•	•	•		
 Cabinet Configurator	565	•	•	•		
 CAD/CAM data service	566	•		•		
 Product Database	567	•				
 EASY ASSEMBLY app	568				•	
 Marketing Media Library	569					•

Product Configurator



Simply select, configure and order your fittings – that's it

Planning furniture has never been easier thanks to the Product Configurator from Blum. The Product Configurator is always up to date with the latest fittings and can be accessed online at any time. You can create planning information such as cutting lists, assembly drawings and CAD data in no time. The comprehensive planning result provides you with the best possible support in your production process – data can be uploaded to other CAD programs for further processing and the BXF format ¹ makes it easy to transfer data to MINIPRESS with EASYSTICK. Configuration is now even easier and more intuitive – even on your smartphone or tablet.

- Configuration without installing any software
- Parts list checked in full to ensure order is error-free
- Comprehensive planning result with information for design, assembly and adjustment
- All planning results are available in various formats for download

Work steps



Features

My library	
	Complete and incomplete configurations can be saved under "My library", ready to be used as templates
My projects	
	The "My projects" function allows you to save and manage your own configurations from the Product Configurator to continue using them at any time. This way, you can permanently retain parts lists, cuttings, CAD/CAM data and other configurations for your furniture project
My order lists	
	"My order lists" makes order processing easy, as you can send checked parts lists online to selected distributors
Distributor interface	
	After product or cabinet configuration, send your collision-checked and error-free parts list to the online shops of selected distributors quickly and easily. Blum's Product Cabinet Configurator has already been connected to more than 190 online shops, enabling quick and easy data transfer with just a few clicks. You can send the parts list directly after you've configured a cabinet or collect all your orders in "My order lists" and then send all the data at once
¹	The BXF file (Blum eXchange-Format) not only contains information about the fitting, but also manufacturing information for wooden parts, such as cutting dimensions and drilling positions

Page instructions

Overview – E-SERVICES	563	Product Configurator	
		Short-URL www.blum.com/s002	

Cabinet Configurator



Total support from planning to manufacturing

The Cabinet Configurator is a free service provided by Blum which allows you to plan cabinets with 3D visualisation. You can configure Blum fittings with precision and ease using the integrated collision check and then send your order directly to the online shops of selected distributors. The comprehensive planning result provides you with the best possible support in your production process – data can be uploaded to other CAD programs for further processing and the BXF format ¹ makes it easy to transfer data to MINIPRESS with EASYSTICK.

- Online support for 3D cabinet design – no updates needed
- Design cabinets including collision-checked fittings and save valuable time
- Further processing of planned projects in your CAD software
- Simple provision of all relevant planning, ordering and manufacturing information such as article and cutting lists, assembly drawings, CAD/CAM data, BXF ¹ – digital or analogue, for printing



Work steps



Features

My projects



The "My projects" function allows you to save and manage your own configurations via the Cabinet Configurator to continue using them at any time. This way, you can permanently retain parts lists, cuttings, CAD/CAM data and other configurations for your furniture project

My order lists



"My order lists" makes order processing easy, as you can send checked parts lists online to selected distributors

Distributor interface



After product or cabinet configuration, send your collision-checked and error-free parts list to the online shops of selected distributors quickly and easily. Blum's Product | Cabinet Configurator has already been connected to more than 190 online shops, enabling quick and easy data transfer with just a few clicks. You can send the parts list directly after you've configured a cabinet or collect all your orders in "My order lists" and then send all the data at once

Planning results



The comprehensive planning results support you with

- Planning: further processing of CAD data in your CAD software
- Ordering: send fittings directly to selected distributors
- Manufacturing: printout of manufacturing information, transmission of CAM data to the CNC machine, transmission of BXF data ¹ to MINIPRESS with EASYSTICK

¹ The BXF file (Blum eXchange-Format) not only contains information about the fitting, but also manufacturing information for wooden parts, such as cutting dimensions and drilling positions

Page instructions

Overview – E-SERVICES

563

Cabinet Configurator

Short-URL
www.blum.com/s003



CAD/CAM data service



The direct route to current data

Blum offers you a wide range of various CAD/CAM formats to provide you with the best possible support for planning and manufacturing. Our centralised CAD/CAM Data Service provides an overview of all available data. As well as our 2D and 3D data, we also offer you production data in the form of CAM/BXF data ¹ for fast download around the clock.

- Centralised overview of all available CAD/CAM data
- CAD data downloads as individual geometries, complete functional units or packages (2D/3D)
- Availability of the latest CAM formats for CNC machines
- Can't find the planning data you need? Simply request missing data quickly and easily by customer query

Work steps



Content for download from the CAD/CAM Data Service

	CAD/CAM packages
	CAD individual product (3D)
	CAD composition (3D)
	CAD installation situation (2D)
	Production drawings (2D)
	CAM data for further processing on the CNC machine
	BXF data ¹ (Blum eXchange-Format)
	Individual customer query for special situations or unresolved issues

¹ The BXF file (Blum eXchange-Format) not only contains information about the fitting, but also manufacturing information for wooden parts, such as cutting dimensions and drilling positions

Page instructions

Overview – E-SERVICES

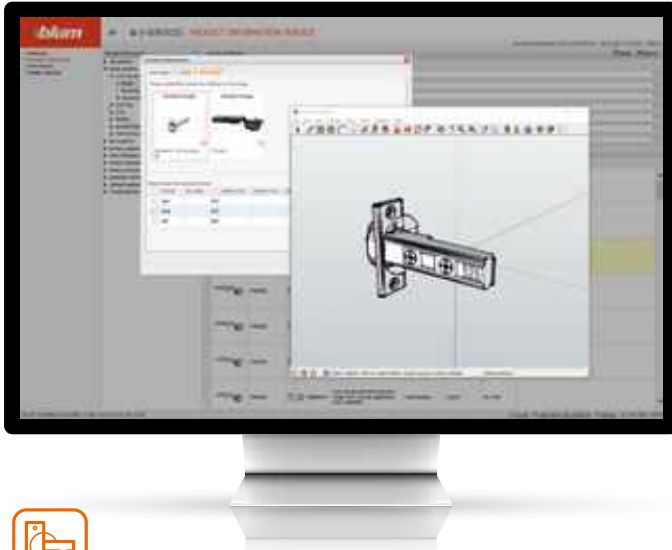
563

CAD/CAM data service

Short-URL
www.blum.com/s004



Product Database



Technical information on Blum products

You will find all you need to know about individual Blum products in the Product Database. Product descriptions, technical details, product drawings, CAD data and much more detailed information can be downloaded and processed directly.

- Overview of all the Blum items available in your 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



Work steps

Planning | design |
product selection

Purchasing | ordering

Production |
manufacturing

Assembly | adjustment

Marketing

Features

Product information



Select a product category or use the free search to obtain quick basic information about a particular product. Information provided includes article numbers and identcodes, weight EAN codes and other details regarding packaging and article material

Product features in detail



As well as a number of technical details on the individual product, various images, graphics, drawings and CAD data (3D) are available for you to download

Page instructions

Overview – E-SERVICES

563

Product Database

Short-URL
www.blum.com/s001



EASY ASSEMBLY app



The digital tool for your assembly

You want to assemble and adjust Blum hinges, lift systems, pull-outs and other fittings systems properly. The EASY ASSEMBLY app for smartphones and tablets answers any questions you may have about the assembly and adjustment of Blum fittings. The app includes installation instructions and assembly videos for all Blum products.

Work steps



Features



EASY ASSEMBLY includes an overview of all installation instructions, arranged by product group. The assembly app has been designed to be intuitive, so it is easy to use



Interactive applications clearly indicate the right drilling positions and show you how to adjust Blum fittings

Page instructions

Overview – E-SERVICES

563

EASY ASSEMBLY app

Short-URL
www.blum.com/s015



Marketing Media Library



As varied as your marketing needs

Our Marketing Media Library gives you free access to professional content around the clock – so there's nothing stopping you from creating your own marketing documentation. Download high-resolution images, videos or brochures and promote your products with attractive marketing materials.

- Enjoy direct access to more than 17000 Blum marketing files in a range of languages
- Download brochures, flyers, photos, logos, videos, installation instructions, presentations, technical data sheets and certificates free of charge
- Market Blum products and furniture equipped with Blum fittings even more efficiently in your webshop, showroom or in sales conversations

Work steps

Planning | design |
product selection

Purchasing | ordering

Production |
manufacturing

Assembly | adjustment

Marketing

Features



Share individual media files or entire media collections with your colleagues and partners quickly and easily. Simply copy the generated link into your chosen messenger service or open it and send an e-mail with the relevant link



Use the free text search to find what you're looking for with just a few clicks. The free text search helps you to search quickly for media files in the Marketing Media Library. Text proposals make searching even easier using keywords



Our Marketing Media Library gives you round-the-clock access to professional marketing materials such as high-resolution images of product applications and other forms of media content. Our full range of marketing documentation is available to you free of charge

Page instructions

Overview – E-SERVICES

563

Marketing Media Library

Short-URL
www.blum.com/s017



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



MINIPRESS top with EASYSTICK

- Vertical and optional horizontal drilling
- Tool-free drilling head change



MINIPRESS top

- Vertical and optional horizontal drilling
- Tool-free drilling head and ruler change



MINIPRESS P

- Vertical drilling and insertion of Blum fittings
- Additional drilling heads can be changed tool-free



MINIPRESS M

- Can be used at construction sites (mobile)
- Vertical drilling and insertion of Blum fittings



EASYSTICK – automatically movable ruler (X axis)



Tool-free assembly of drilling heads

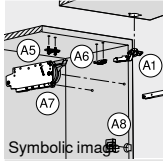


Insertion of Blum fittings (optional)



Horizontal drilling (only possible with MINIPRESS top)

►► Overview – assembly possibilities



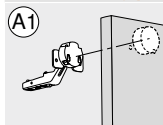
►► Overview – assembly possibilities 572

►► Basic machine



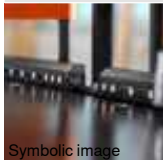
MINIPRESS top with EASYSTICK	576
MINIPRESS top	580
MINIPRESS P	592
MINIPRESS M	596

►► Assembly possibilities



MINIPRESS top	584
MINIPRESS P MINIPRESS M	600

►► Accessories

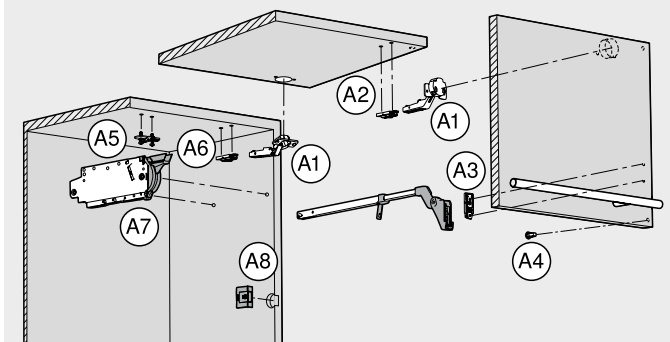


EASYSTICK	606
Insertion rams	608
Drill	608

Pictograph

	Item Available Upon Request		Drilling and insertion machines – vertical drillings
	Drilling and insertion machines – horizontal drillings		Drilling and insertion machines – inserting fittings

Assembly possibilities



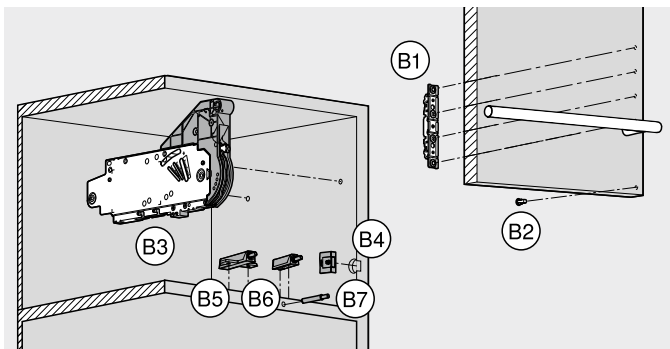
Assembly – lift systems (AVENTOS HF | HK-XS)

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



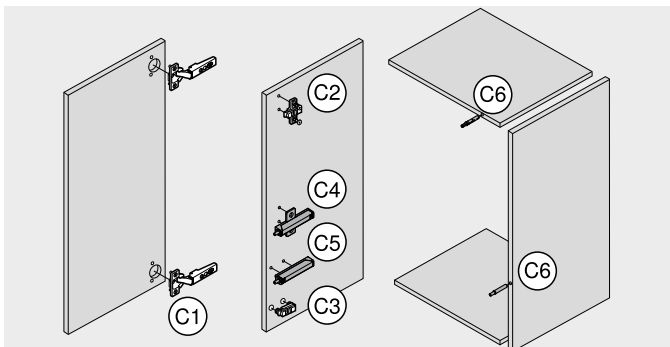
Assembly – lift systems (AVENTOS HS | HL | HK top | HK-S)

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



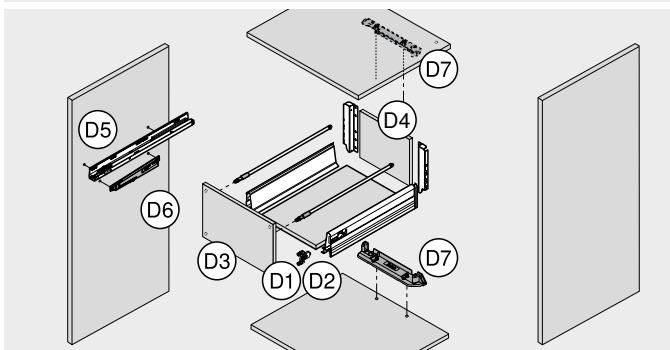
Assembly – hinge systems

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

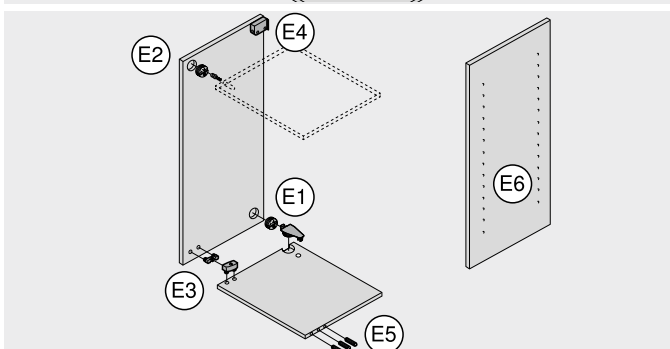
- (D1) LEGRABOX | TANDEMBOX | METABOX front fixing
- (D2) MOVENTO- | TANDEM front adjuster
- (D3) Blum distance bumper

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	MINIPRESS top with EASYSTICK		MINIPRESS P	MINIPRESS M	
	MINIPRESS top				
	Vertical horizontal	Vertical			
Basic machine		576	580	592	596
Accessories		577	581	593	597
Assembly – lift systems (AVENTOS HF HK-XS)					
Front assembly					
	Hinge	•	•	•	•
	AVENTOS HF HK-XS	584	584	600	600
	Horizontal mounting plate	•	•	•	•
	AVENTOS HF HK-XS	584	584	600	600
	Horizontal mounting plate telescopic arm front fixing bracket	•	•	○	○
	AVENTOS HF HK-XS	584	584	600	600
	Blum distance bumper	•	•	•	•
	AVENTOS HF	584	584	600	600
Cabinet assembly					
	Cruciform mounting plate	•	•	•	•
	AVENTOS HF HK-XS	584	584	600	600
	Horizontal mounting plate	•	•	•	•
	AVENTOS HF HK-XS	585	585	600	600
	Lift mechanism – cabinet fixing bracket	•	•	○	○
	AVENTOS HF HK-XS	585	585	601	601
	SERVO-DRIVE switch	•	•	•	•
	AVENTOS HF	585	585	601	601
Assembly – lift systems (AVENTOS HS HL HK top HK-S)					
Front assembly					
	Front fixing bracket	•	•	○	○
	AVENTOS HS HL HK top	585	585	601	601
	Front fixing bracket	•	•	○	○
	AVENTOS HK-S	585	585	601	601
	Blum distance bumper	•	•	•	•
	AVENTOS HS HL HK top	586	586	601	601
Cabinet assembly					
	Lift mechanism	•	•	○	○
	AVENTOS HS HL HK top HK-S	586	586	601	601
	SERVO-DRIVE switch	•	•	•	•
	AVENTOS HS HL HK top	586	586	601	601
	TIP-ON – cruciform adapter plate	•	•	•	•
	AVENTOS HK top HK-S	586	586	602	602
	TIP-ON – inline adapter plate	•	•	•	•
	AVENTOS HK top HK-S	586	586	602	602
	TIP-ON – for drilling	•	–	–	–
	AVENTOS HK top HK-S	586	–	–	–

• Recommended ○ Possible – Not possible

Assembly type	MINIPRESS top with EASYSTICK		MINIPRESS P		MINIPRESS M	
	Vertical	horizontal	Vertical	horizontal	Vertical	horizontal
Basic machine						
Accessories	576	577	580	581	592	593
Assembly – hinge systems						
Front assembly						
C1 Hinge	•	•	•	•	•	•
	587	587	587	587	602	602
Cabinet assembly						
C2 Cruciform mounting plate	•	•	•	•	•	•
	587	587	587	587	602	602
C3 Horizontal mounting plate	•	•	•	•	•	•
	587	587	587	587	602	602
C4 BLUMOTION TIP-ON	•	•	•	•	•	•
C5 Cruciform adapter plate BLUMOTION TIP-ON	•	•	•	•	•	•
C6 Inline adapter plate BLUMOTION TIP-ON	•	•	•	•	•	•
C6 For drilling	•	–	–	–	–	–
	587	–	–	–	–	–
Assembly – pull-out system						
Front assembly						
D1 LEGRABOX TANDEMBOX intivo front fixing	•	•	○	○	○	○
	588	588	588	588	603	603
D1 TANDEMBOX antaro TANDEMBOX plus front fixing	•	•	○	○	○	○
	588	588	588	588	603	603
D1 METABOX front fixing	•	•	○	○	○	○
	588	588	588	588	603	603
D2 MOVENTO- TANDEM front adjuster	•	•	•	•	•	•
	588	588	588	588	603	603
D3 295.1000 Blum distance bumper	•	•	•	•	•	•
	588	588	588	588	604	604
Drawer assembly						
D4 Base back	•	•	○	○	○	○
	589	589	589	589	604	604
Cabinet assembly						
D5 Cabinet profiles	•	•	○	○	○	○
	589	589	589	589	604	604
D6 BLUMOTION for METABOX	•	•	○	○	○	○
	589	589	589	589	604	604
D7 SERVO-DRIVE bracket profile attachment	•	•	○	○	○	○
	589	589	589	589	604	604

• Recommended

○ Possible

– Not possible

Assembly type	MINIPRESS top with EASYSTICK		MINIPRESS P		MINIPRESS M	
	MINIPRESS top Vertical horizontal	Vertical				
Basic machine						
Accessories		576	580	592	596	577
Assembly – further products		577	581	593	597	
Cabinet assembly						
Vertical cabinet connectors 40.0110N 40.0620	•	589	•	589	•	604
Cabinet connector (front side) 40.0200N 42.0700.01	•	590	–	–	–	–
Vertical cabinet connectors 40.2110 40.2120.02	•	590	•	590	•	604
Wall hanging bracket 48N0610.02 48N0610.03	•	590	•	590	•	605
Cabinet assembly						
Wooden dowel drilling	•	590	–	–	–	–
Line drilling	•	591	•	591	○	605
• Recommended	○ Possible		– Not possible			

MINIPRESS top with EASYSTICK



Symbolic image

MINIPRESS top with EASYSTICK vertical | horizontal and vertical

The EASYSTICK ruler system transforms the MINIPRESS top into an all-rounder for cabinet and front assembly. The EASYSTICK computer enables you to enter settings directly on the MINIPRESS top. EASYSTICK calculates the precise drilling positions automatically. The ruler | the drilling unit moves automatically to the right position. Position the part, drill, done.

- Vertical drilling and optional insertion of Blum fittings
- Optional horizontal drilling
- Quick change of drilling heads already equipped with drill bits
- Automatic movement of the drilling unit (Y axis) up to 350 mm
- Automatically movable ruler (X axis) for workpiece dimensions up to 2681 mm
- Simple adjustment of dimensions with easily accessible operating elements and precision display

Case studies



Drilling head clamping

The drilling head (colour-coded) fitted with drill bits and insertion rams (optional) can be fixed quickly and tool-free using a clamping lever



Precision work guaranteed: measurements display on the machine

The operating elements have a precision display and are easily accessible, adjusting all dimensions and enhancing precision is made easy. Making your work processes quicker and error-free



Digitised work process: planning directly on the machine

EASYSTICK digitises planning and assembly. You can either plan directly on the machine or copy your data from the Cabinet Configurator



Efficient and versatile use

Fitted with EASYSTICK, the drilling unit (Y axis) moves automatically up to 350 mm. This increases the range of assembly options and permits the positioning of centred line drilling for deep cabinets

MINIPRESS top with EASYSTICK



Symbolic image

MINIPRESS top with EASYSTICK vertical | horizontal and vertical

- With work table and tool set
- Incl. automatically movable drilling unit (Y-axis)
- EASYSTICK computer, EASYSTICK ruler, drilling heads and other accessories are not included as part of the basic machine scope of delivery
- Optional with horizontal drilling head (3-spindle)

Note

Machines can be assembled with the Product Configurator

Short-URL

www.blum.com/configurator

Order information

F1	MINIPRESS top with EASYSTICK – vertical horizontal		
	Voltage (V)	Frequency (Hz)	Part no.
	3 x 400	50 60	M75E2000
Composed of:			
F1	1 x MINIPRESS top with EASYSTICK – vertical horizontal		
-	1 x Tool set		
-	1 x Work table		
-	1 x Hold down clamp (pneumatic) left/right		
-	1 x Horizontal drilling head, 3 spindles		
EASYSTICK computer and EASYSTICK ruler are not included in the scope of delivery			

F2	MINIPRESS top with EASYSTICK – vertical		
	Voltage (V)	Frequency (Hz)	Part no.
	3 x 400	50 60	M70E2000
Composed of:			
F2	1 x MINIPRESS top with EASYSTICK – vertical		
-	1 x Tool set		
-	1 x Work table		
-	1 x Hold down clamp (pneumatic) left/right		
EASYSTICK computer and EASYSTICK ruler are not included in the scope of delivery			

	Description	Part no.	Application		
I1	EASYSTICK computer	MZD.5700	MINIPRESS top with EASYSTICK		
H1	Description	Length (mm)	Calibration (mm)	Part no.	Application
	EASYSTICK ruler	1700	6–953	MZD.2700	MINIPRESS top with EASYSTICK: For all vertical and horizontal assembly options

Accessories

Drilling heads without swing arm

	Number of spindles (pcs)	Spindle distance (mm)	Quick connect chuck	Swing arm	Part no.	Application	Drilling	Insertion (optional)
G1	3	9.5 45	<input type="checkbox"/>	I23	MZK.2000.01	Hinge	•	•
G2	2	32	<input checked="" type="checkbox"/>	I23	MZK.210S	Horizontal mounting plate Front fixing Cabinet connectors Wall hanging bracket	• • • •	• • • •
G3	2	32	<input checked="" type="checkbox"/>	I23	MZK.211S	Cruciform mounting plate	•	•
G4	8	32	<input checked="" type="checkbox"/>	☎	MZK.220S	Front fixing bracket Cabinet profile Lift mechanism	• • •	•
G6	3	32	<input checked="" type="checkbox"/>	–	MZK.240S	Wooden dowel Cabinet connectors	• •	
G7	9	32	<input checked="" type="checkbox"/>	–	MZK.281S	Line drilling	•	
G8	11	32	<input checked="" type="checkbox"/>	–	MZK.224S	Front fixing bracket Cabinet profile Lift mechanism	• • •	

With quick connect chuck

Without 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	571
Overview – assembly possibilities	572
Assembly possibilities	584
Accessories – EASYSTICK	606

Accessories – insertion rams	608
Accessories – drill bit	608

MINIPRESS top

Short-URL

www.blum.com/i012





MINIPRESS top with EASYSTICK









Order information

Accessories

Rulers

	Description	Length (mm)	Calibration (mm)	Part no.	Application
H3	 EASYSTICK extension ruler left/right	1700	953–2681	MZD.2V00	MINIPRESS top with EASYSTICK MINIPRESS PRO MINIPRESS P
H13	 Support for extension ruler			MZV.2E00	Can also be used for EASYSTICK extension ruler

General

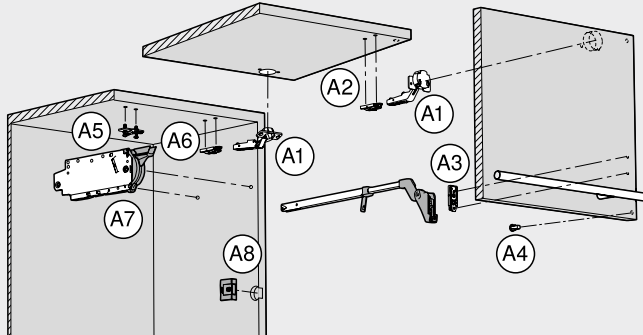
	Description	Part no.	Application
I4	 Quick connect chuck and sleeve, left hand	MZK.2023	For drilling diameters up to 10 mm
I5	 Quick connect chuck and sleeve, right hand	MZK.2024	For drilling diameters up to 10 mm
I6	 Quick connect chuck and sleeve, left hand	MZF.2000	For drilling diameters larger than 10 mm
I7	 Quick connect chuck and sleeve, right hand	MZF.2000	For drilling diameters larger than 10 mm
I10	 Quick connect sleeve	MZF.1030	
I11	 Quick connect chuck cover	MZF.1050	
I20	 MINIPRESS top drilling head and ruler storage rack	MZA.2600	
I23	 Swing arm small	MZK.2008.02	

Page instructions

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Overview – assembly possibilities	572	Accessories – drill bit	608
Assembly possibilities	584		
Accessories – EASYSTICK	606		

MINIPRESS top with EASYSTICK

Assembly possibilities



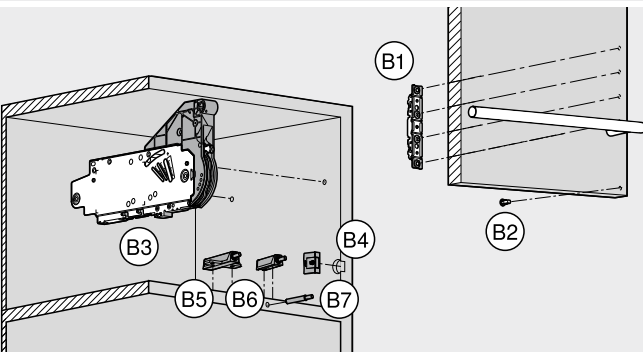
Assembly – lift systems (AVENTOS HF | HK-XS)

Front assembly

	v h	v
(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	● ●	



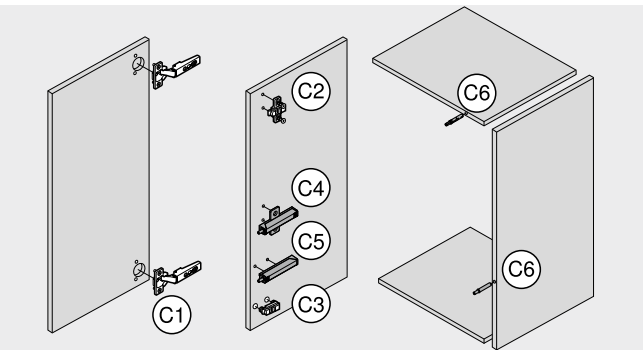
Assembly – lift systems (AVENTOS HS | HL | HK top | HK-S)

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	● –	



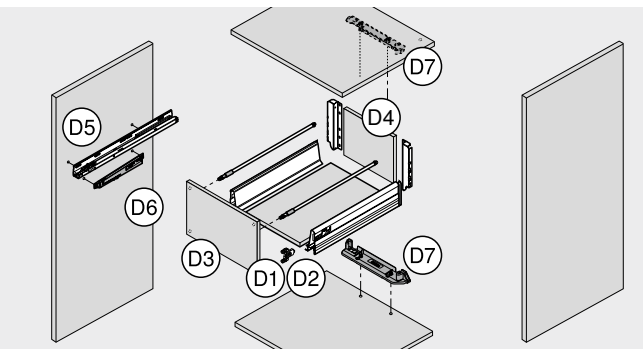
Assembly – hinge systems

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

Cabinet assembly

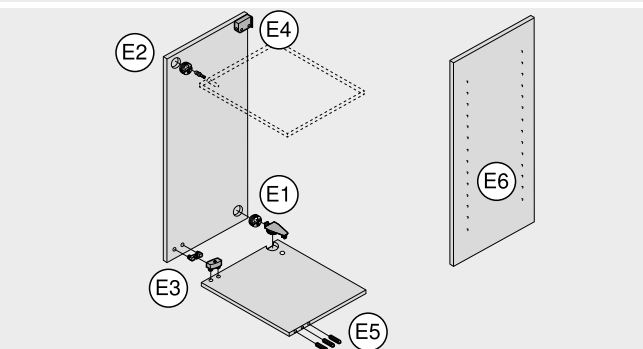
(D1) LEGRABOX TANDEMBOX METABOX front fixing	● ●	
(D2) MOVENTO- TANDEM front adjuster	● ●	
(D3) Blum distance bumper	● ●	

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	v h	Vertical horizontal
○	Possible	v	Vertical
–	Not possible		

MINIPRESS top



Symbolic image

MINIPRESS top vertical | horizontal and vertical

MINIPRESS top makes operation and adjustments on the machine even easier and more precise. With the MINIPRESS top, all vertical and, as an option, horizontal drilling can be performed with ease. You also have the option of using Blum fittings vertically. An extensive modular system (set-up plans | drilling heads | rulers) ensures that the MINIPRESS top will suit individual assembly needs.

- Vertical drilling and optional insertion of Blum fittings
- Optional horizontal drilling
- Quick change of drilling heads already equipped with drill bits
- Easy to use positioning system through fast tool-free changeover of pre-set rulers
- Manual adjustment of the drilling unit (Y axis) up to 350 mm
- Simple adjustment of dimensions with easily accessible operating elements and precision display

Case studies



Drilling head clamping

The drilling head (colour-coded) fitted with drill bits and insertion rams (optional) can be fixed quickly and tool-free using a clamping lever



Precision work guaranteed: measurements display on the machine

The operating elements have a precision display and are easily accessible, adjusting all dimensions and enhancing precision is made easy. Making your work processes quicker and error-free



Precise stops: adjustment of the Y axis on the drilling unit

Convenient adjustment of the drilling unit (Y axis) enables precise adjustment of all stop positions using the hand wheel. Work table and ruler remain in the same position. Easy and precise operation



Ruler change

The ruler with pre-set colour-coded stops can be fitted in a matter of seconds with no need for tools

MINIPRESS top



Symbolic image

MINIPRESS top vertical | horizontal and vertical

- Supplied with ruler system, work table and toolkit
- Rulers, drilling heads and other accessories are not included as part of the basic machine
- Optional with horizontal drilling head (3-spindle)

Note

Machines can be assembled with the Product Configurator

Short-URL

www.blum.com/configurator

Order information

F1 MINIPRESS top – vertical horizontal				F2 MINIPRESS top – vertical			
	Voltage (V)	Frequency (Hz)	Part no.		Voltage (V)	Frequency (Hz)	Part no.
	3 x 400	50 60	M75.2000		3 x 400	50 60	M70.2000
Composed of:				Composed of:			
F1	1 x MINIPRESS top – vertical horizontal			F2	1 x MINIPRESS top – vertical		
–	1 x Tool set			–	1 x Tool set		
–	1 x Work table			–	1 x Work table		
–	1 x Hold down clamp (pneumatic) left/right			–	1 x Hold down clamp (pneumatic) left/right		
–	1 x Horizontal drilling head, 3 spindles			–	1 x Set-up plan rack		
–	1 x Set-up plan rack						

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	<input type="checkbox"/>	l23	MZK.2000.01	Hinge	•	•
G2	2	32	<input checked="" type="checkbox"/>	l23	MZK.210S	Horizontal mounting plate Front fixing Cabinet connectors Wall hanging bracket Cruciform mounting plate	• • • • •	• • • • •
G3	2	32	<input checked="" type="checkbox"/>	l23	MZK.211S			
G4	8	32	<input checked="" type="checkbox"/>	☎	MZK.220S	Front fixing bracket Cabinet profile Lift mechanism	• • •	•
G6	3	32	<input checked="" type="checkbox"/>	–	MZK.240S	Wooden dowel Cabinet connectors	• •	
G7	9	32	<input checked="" type="checkbox"/>	–	MZK.281S	Line drilling	•	
G8	11	32	<input checked="" type="checkbox"/>	–	MZK.224S	Front fixing bracket Cabinet profile Lift mechanism	• • •	

With quick connect chuck Without 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

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Accessories – insertion rams	608			
				Short-URL
				www.blum.com/i012



MINIPRESS top

Order information

Accessories

Rulers

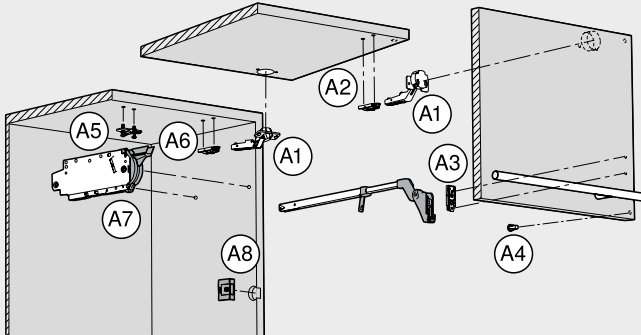
	Description	Length (mm)	Calibration (mm)	Part no.	Application
H5	 Basic ruler	1700	850–0–850	MZL.2000	For all vertical assembly options
H6	 Horizontal ruler	1700	850–0–850	MZL.2060	For all horizontal assembly options
H7	 Line drilling ruler left/right	953	0–832	MZL.2080	For more straightforward line drilling
H8	 Base ruler	1250	0–850	MZL.2010	For more precise drilling on cover
H9	 Extension ruler left/right	1700	850–2550	MZL.2090	Extension for basic or horizontal ruler
H10	 Extension ruler left	1700	850–2550	MZL.2090.03	Extension for basic or horizontal ruler
	Description			Part no.	Application
H13	 Support for extension ruler			MZV.2E00	Can also be used for EASYSTICK extension ruler
H14	 Swivel stop			MZS.1000	
H15	 Narrow swivel stop for positioning between others, left hand			MZS.2000	
H16	 Narrow swivel stop for positioning between others, right			MZS.2000	
H17	 Centre marking stop			MZR.1200	
H18	 Centre marking stop laser			MZR.5700	
General					
	Description			Part no.	Application
I4	 Quick connect chuck and sleeve, left hand			MZK.2023	For drilling diameters up to 10 mm
I5	 Quick connect chuck and sleeve, right hand			MZK.2024	For drilling diameters up to 10 mm
I6	 Quick connect chuck and sleeve, left hand			MZF.2000	For drilling diameters larger than 10 mm
I7	 Quick connect chuck and sleeve, right hand			MZF.2000	For drilling diameters larger than 10 mm
I10	 Quick connect sleeve			MZF.1030	
I11	 Quick connect chuck cover			MZF.1050	
I20	 MINIPRESS top drilling head and ruler storage rack			MZA.2600	
I23	 Swing arm small			MZK.2008.02	

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MINIPRESS top

Assembly possibilities



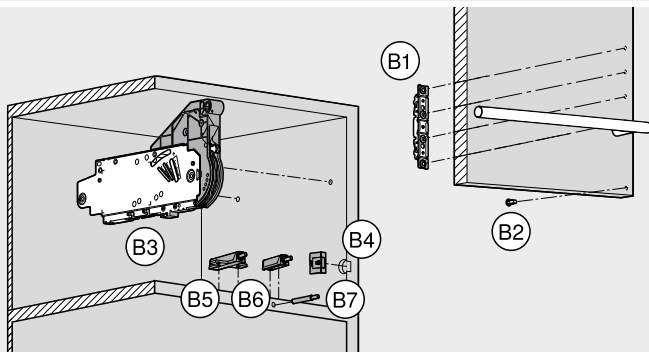
Assembly – lift systems (AVENTOS HF | HK-XS)

Front assembly

	v h	v
(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	●	●



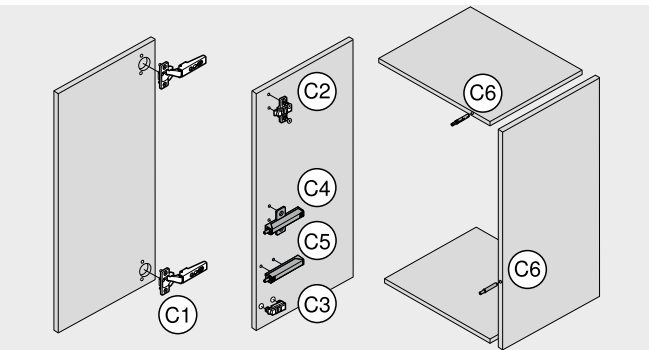
Assembly – lift systems (AVENTOS HS | HL | HK top | HK-S)

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	●	–



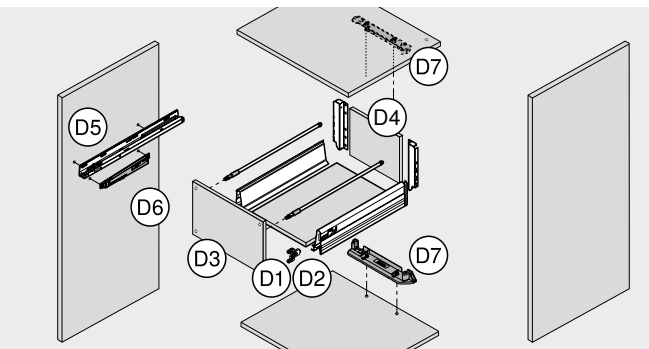
Assembly – hinge systems

Front assembly

(C1) Hinge	●	●
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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

Cabinet assembly

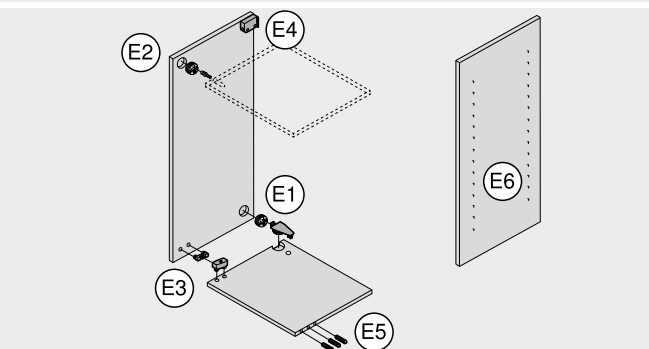
(D1) LEGRABOX TANDEMBOX METABOX front fixing	●	●
(D2) MOVENTO- TANDEM front adjuster	●	●
(D3) Blum distance bumper	●	●

Drawer assembly

(D4) Base back	●	●
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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	v h	Vertical horizontal
○	Possible	v	Vertical
–	Not possible		

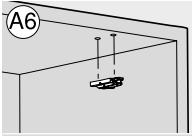
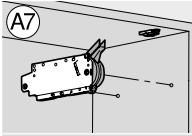
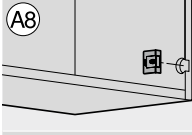
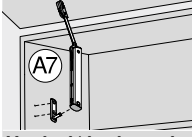
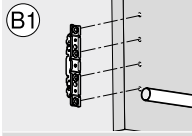
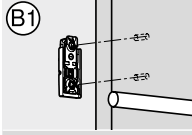
MINIPRESS top with EASYSTICK | MINIPRESS top

Assembly – lift systems (AVENTOS HF | HK-XS)

Front assembly

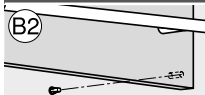
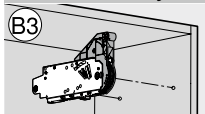
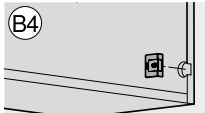
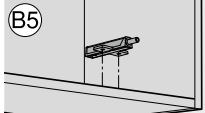
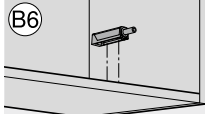
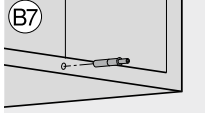
		Quantity required	Part no.	
<p>A1</p>	Hinge AVENTOS HF HK-XS Drilling head, number of spindles 3, drilling and optional insertion of fittings (order swing arm) Fittings drill bit, 35 x 57 mm, right hand Drill bit, 8 x 57 mm, left hand	1 x 1 x 2 x	MZK.2000.01 M01.ZB35.02 M01.ZB08.03	
	Vertical horizontal Drill bit with roof tip, 2.5 x 57 mm, left hand Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm)	2 x 1 x	M01.ZB02.D3 MZL.2010	
	Vertical Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) Swivel stop	1 x 4 x	MZL.2000 MZS.1000	
	<p>A2</p>	Horizontal mounting plate AVENTOS HF Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) Drill bit, 10 x 57 mm, right hand Drill bit, 10 x 57 mm, left hand	1 x 1 x 1 x	MZK.210S M01.ZB10.02 M01.ZB10.03
	Vertical horizontal Drill bit, 5 x 57 mm, right hand Drill bit, 5 x 57 mm, left hand Vertical Drill bit with roof tip, 2.5 x 57 mm, right hand Drill bit with roof tip, 2.5 x 57 mm, left hand Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm) Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) Swivel stop Swing arm for inserting mounting plates Insertion ram, horizontal zinc mounting plates 177H51x0 Insertion ram, horizontal steel mounting plates 177H31x0	1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x	M01.ZB05.02 M01.ZB05.03 M01.ZB02.D2 M01.ZB02.D3 MZL.2010 MZL.2000 MZS.1000 MZK.2008.02 MZM.0050 MZM.0053	
<p>A3</p>	Horizontal mounting plate telescopic arm front fixing bracket AVENTOS HF HK-XS Drilling head, number of spindles 2, drilling Drill bit, 5 x 57 mm, left hand Drill bit with roof tip, 2.5 x 57 mm, left hand	1 x 2 x 2 x	MZK.211S M01.ZB05.03 M01.ZB02.D3	
	Vertical horizontal Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) Swivel stop	1 x 2 x	MZL.2000 MZS.1000	
	Vertical			
	<p>A4</p>	Blum distance bumper AVENTOS HF Drilling head, number of spindles 2, drilling Drill bit, 8 x 57 mm, right hand Drill bit, 5 x 57 mm, right hand	1 x 1 x 1 x	MZK.210S M01.ZB08.02 M01.ZB05.02
Vertical horizontal Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) Swivel stop	1 x 2 x	MZL.2000 MZS.1000		
Vertical				
Cabinet assembly				
<p>A5</p>	Cruciform mounting plate AVENTOS HF HK-XS Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm) Drill bit, 5 x 57 mm, left hand Drill bit with roof tip, 2.5 x 57 mm, left hand	1 x 2 x 2 x	MZK.211S M01.ZB05.03 M01.ZB02.D3	
	Vertical horizontal Drill bit, 10 x 57 mm, left hand Reversible ruler, 1250 mm (1 piece, calibration from 0–850 mm)	2 x 1 x	M01.ZB10.03 MZL.2010	
	Vertical Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm) Swivel stop Swing arm for inserting mounting plates Insertion ram, mounting plates 174H71xx	1 x 4 x 1 x 1 x	MZL.2000 MZS.1000 MZK.2008.02 MZM.0061.01	
	Swivel stop	4 x	MZS.1000	
	Swing arm for inserting mounting plates Insertion ram, mounting plates 174H71xx	1 x 1 x	MZK.2008.02 MZM.0061.01	
1 MINIPRESS top with EASYSTICK requires no rulers or swivel stops				

MINIPRESS top with EASYSTICK | MINIPRESS top

 Vertical horizontal	Horizontal mounting plate AVENTOS HF HK-XS Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm)	Quantity required	Part no.
	Drill bit, 10 x 57 mm, right hand	1 x	MZK.210S
	Drill bit, 10 x 57 mm, left hand	1 x	M01.ZB10.02
	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.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	
 Vertical horizontal	Lift mechanism AVENTOS HF Drilling head, number of spindles 8, drilling	Quantity required	Part no.
	Drill bit, 5 x 57 mm, right hand	1 x	MZK.220S
	Drill bit, 5 x 57 mm, left 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
 Vertical horizontal	SERVO-DRIVE switch AVENTOS HF Drilling head, number of spindles 2, drilling	Quantity required	Part no.
	Fittings drill bit, 35 x 57 mm, right hand	1 x	MZK.210S
	Fittings drill bit without tip, 35 x 57 mm, right hand	1 x	M01.ZB35.02
	Chuck for drilling diameter larger than 10 mm, right	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	
 Vertical horizontal	Cabinet fixing AVENTOS HK-XS Drilling head, number of spindles 2, drilling	Quantity required	Part no.
	Drill bit with roof tip, 2.5 x 57 mm, left hand	1 x	MZK.211S
	Drill bit, 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	
Vertical			
Assembly – lift systems (AVENTOS HS HL HK top HK-S)			
Front assembly			
 Vertical horizontal	Front fixing bracket AVENTOS HS HL HK top Drilling head, number of spindles 9, drilling	Quantity required	Part no.
	Drill bit with roof tip, 2.5 x 57 mm, right hand	1 x	MZK.281S
	Drill bit with roof tip, 2.5 x 57 mm, left 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
Swivel stop	2 x	MZS.1000	
Vertical			
 Vertical horizontal	Front fixing bracket AVENTOS HK-S Drilling head, number of spindles 2, drilling	Quantity required	Part no.
	Drill bit with roof tip, 2.5 x 57 mm, left hand	1 x	MZK.211S
	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
	Swing arm for inserting mounting plates	1 x	MZK.2008.02
Insertion ram, horizontal steel mounting plates 177H31x0	1 x	MZM.0053	
Vertical			

¹ MINIPRESS top with EASYSTICK requires no rulers or swivel stops

MINIPRESS top with EASYSTICK | MINIPRESS top

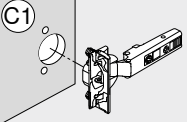
		Quantity required	Part no.
	Blum distance bumper AVENTOS HS HL HK top		
	Drilling head, number of spindles 2, drilling	1 x	MZK.210S
	Drill bit, 8 x 57 mm, right hand	1 x	M01.ZB08.02
	Drill bit, 5 x 57 mm, right hand	1 x	M01.ZB05.02
Vertical horizontal	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	MZL.2000
Vertical	Swivel stop	2 x	MZS.1000
Cabinet assembly			
	Lift mechanism AVENTOS HS HL HK top HK-S		
	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
Vertical horizontal	Swivel stop	2 x	MZS.1000
Vertical			
	SERVO-DRIVE switch AVENTOS HS HL HK top		
	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
Vertical	Swivel stop	2 x	MZS.1000
	TIP-ON – cruciform adapter plate AVENTOS HK top HK-S		
	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
Vertical horizontal	Swivel stop	2 x	MZS.1000
Vertical			
	TIP-ON – inline adapter plate AVENTOS HK top HK-S		
	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
Vertical horizontal	Swivel stop	2 x	MZS.1000
Vertical			
	TIP-ON – for drilling AVENTOS HK top HK-S		
	Drill bit, 10 x 114.5 mm, right hand	1 x	M75.ZB10.02
	Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	MZL.2060
	Swivel stop	2 x	MZS.1000
Vertical horizontal			

¹ MINIPRESS top with EASYSTICK requires no rulers or swivel stops

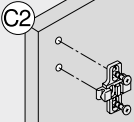
MINIPRESS top with EASYSTICK | MINIPRESS top

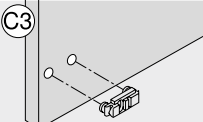
Assembly – hinge systems

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
Vertical horizontal	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
Vertical	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

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
Vertical horizontal	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
Vertical	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

	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
Vertical horizontal	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
Vertical	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

	BLUMOTION TIP-ON 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
Vertical horizontal	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	MZL.2000
	Swivel stop	2 x	MZS.1000

	BLUMOTION TIP-ON 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
Vertical horizontal	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	MZL.2000
	Swivel stop	2 x	MZS.1000

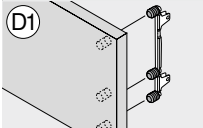
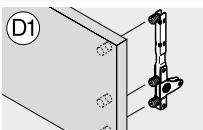
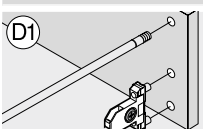
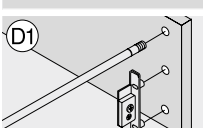
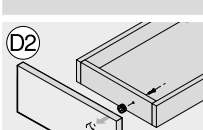
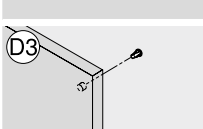
	BLUMOTION TIP-ON For drilling	Quantity required	Part no.
	Drill bit, 10 x 114.5 mm, right hand	1 x	M75.ZB10.02
	Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	MZL.2060
	Swivel stop	2 x	MZS.1000

¹ MINIPRESS top with EASYSTICK requires no rulers or swivel stops

MINIPRESS top with EASYSTICK | MINIPRESS top

Assembly – pull-out system

Front assembly

		Quantity required	Part no.
	LEGRABOX front fixing		
	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
	Vertical horizontal	Drill bit with roof tip, 2.5 x 57 mm, right hand	3 x
	Drill bit with roof tip, 2.5 x 57 mm, left hand	3 x	M01.ZB02.D3
Vertical	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	¹ MZL.2000
	Swivel stop	2 x	¹ MZS.1000
	TANDEMBOX intivo front fixing		
	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
	Vertical horizontal	Drill bit with roof tip, 2.5 x 57 mm, right hand	1 x
	Drill bit with roof tip, 2.5 x 57 mm, left hand	2 x	M01.ZB02.D3
Vertical	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	¹ MZL.2000
	Swivel stop	2 x	¹ MZS.1000
	TANDEMBOX antaro TANDEMBOX plus front fixing		
	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
	Vertical horizontal	Drill bit with roof tip, 2.5 x 57 mm, right hand	1 x
	Drill bit with roof tip, 2.5 x 57 mm, left hand	1 x	M01.ZB02.D3
Vertical	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	¹ MZL.2000
	Swivel stop	2 x	¹ MZS.1000
	METABOX front fixing		
	Drilling head, number of spindles 8, drilling	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
	Vertical horizontal	Drill bit with roof tip, 2.5 x 57 mm, right hand	2 x
	Drill bit with roof tip, 2.5 x 57 mm, left hand	1 x	M01.ZB02.D3
Vertical	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	¹ MZL.2000
	Swivel stop	2 x	¹ MZS.1000
	MOVENTO- TANDEM front adjuster 295.1000		
	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
	Vertical horizontal	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x
	Swivel stop	2 x	¹ MZS.1000
Vertical	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		
	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
	Vertical horizontal	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x
Vertical	Swivel stop	2 x	¹ MZS.1000

¹ MINIPRESS top with EASYSTICK requires no rulers or swivel stops

MINIPRESS top with EASYSTICK | MINIPRESS top

Drawer assembly		Quantity required	Part no.
	Base back		
	Drilling head, number of spindles 8, drilling	1 x	MZK.220S
	Drill bit, 5 x 57 mm, right hand	2 x	M01.ZB05.02
Vertical horizontal	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	2 x	M01.ZB02.D2
Vertical	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		
	11 spindle drilling head		
	Drilling head, number of spindles 11, drilling	1 x	MZK.224S
Vertical horizontal	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
Vertical	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
Vertical	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
	Cabinet profiles		
	8 spindle drilling head		
	Drilling head, number of spindles 8, drilling	1 x	MZK.220S
Vertical horizontal	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
Vertical	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
Vertical	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
	BLUMOTION for METABOX		
	Drilling head, number of spindles 8, drilling	1 x	MZK.220S
	Drill bit, 5 x 57 mm, right hand	1 x	M01.ZB05.02
Vertical horizontal	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
Vertical	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
	SERVO-DRIVE bracket profile attachment		
	Drilling head, number of spindles 9, drilling	1 x	MZK.281S
	Drill bit, 10 x 57 mm, right hand	1 x	M01.ZB10.02
Vertical horizontal	Drill bit, 10 x 57 mm, left hand	1 x	M01.ZB10.03
	Fittings drill bit, 25 x 57 mm, right hand	1 x	M01.ZB25.02
Vertical	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			
	Vertical cabinet connectors		
	40.0110N 40.0620		
	Drilling head, number of spindles 2, drilling and optional insertion of fittings (order swing arm)	1 x	MZK.210S
Vertical horizontal	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
Vertical	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
Vertical	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 40.0110N 40.0200N	1 x	MZM.0070
	Insertion ram, connector 40.0620	1 x	MZM.0071


¹ MINIPRESS top with EASYSTICK requires no rulers or swivel stops

MINIPRESS top with EASYSTICK | MINIPRESS top

<p>E2</p>	Cabinet connector (front side) 40.0200N 42.0700.01	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
	Vertical horizontal Drill bit, 5 x 114.5 mm, right hand	1 x	M75.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 40.0110N 40.0200N	1 x	MZM.0070	
Insertion ram, connector 42.0700.01	1 x	MZM.0077	
<p>E3</p>	Vertical cabinet connectors 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
	Vertical horizontal Swivel stop	4 x	MZS.1000
<p>E4</p>	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
	Vertical horizontal Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	MZL.2000
	Swivel stop	2 x	MZS.1000
	Vertical Swing arm small	1 x	MZK.2008.02
Insertion ram, wall hanging bracket 48N0610.02 48N0610.03	1 x	MZM.0078	
Cabinet assembly			
<p>E5</p>	Wooden dowel drilling 9 spindle drilling head	Quantity required	Part no.
	Drilling head, number of spindles 9, drilling	1 x	MZK.281S
	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
	Vertical horizontal 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 114.5 mm, right hand	1 x	M75.ZB08.02
	Drill bit, 8 x 114.5 mm, left hand	2 x	M75.ZB08.03
	Drill bit, 10 x 114.5 mm, right hand	1 x	M75.ZB10.02
	Drill bit, 10 x 114.5 mm, left hand	2 x	M75.ZB10.03
	Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	MZL.2060
	Swivel stop	8 x	MZS.1000
	<p>E5</p>	Wooden dowel drilling 3 spindle drilling head	Quantity required
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
Vertical horizontal 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 114.5 mm, right hand		1 x	M75.ZB08.02
Drill bit, 8 x 114.5 mm, left hand		2 x	M75.ZB08.03
Drill bit, 10 x 114.5 mm, right hand		1 x	M75.ZB10.02
Drill bit, 10 x 114.5 mm, left hand		2 x	M75.ZB10.03
Horizontal ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)		1 x	MZL.2060
Swivel stop		6 x	MZS.1000

¹ MINIPRESS top with EASYSTICK requires no rulers or swivel stops

MINIPRESS top with EASYSTICK | MINIPRESS top

 	Line drilling	Quantity required		Part no.
	9 spindle drilling head			
	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
Vertical horizontal	Drill bit, 3 x 57 mm, right hand	5 x		M01.ZB03.02
	Drill bit, 3 x 57 mm, left hand	4 x		M01.ZB03.03
Vertical	Line drilling ruler, 953 mm (right and left hand, calibration 0–832 mm)	1 x	1	MZL.2080
	Basic ruler, 1700 mm (1 piece, calibration from 850–0–850 mm)	1 x	1	MZL.2000
	Swivel stop	14 x	1	MZS.1000

¹ MINIPRESS top with EASYSTICK requires no rulers or swivel stops

MINIPRESS P



Symbolic image

Specialised

MINIPRESS P is the specialist for front assemblies. 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 insertion of Blum fittings
- Drilling distance settings using spindle
- Pneumatic feed
- Can be retrofitted with EASYSTICK as an option
- Optional automatically movable stops in the X axis with EASYSTICK

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
- Can be retrofitted with EASYSTICK as an option

Page instructions

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
I14	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	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
H11	1 x Extension ruler symmetrical
H13	1 x Support for extension ruler
H18	1 x Centre marking stop laser
I14	1 x Drilling depth stop for MINIPRESS P M 2010 and later
I16	1 x Position indicator for MINIPRESS P
I17	1 x Hold down clamp (pneumatic) left/right
I18	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 H18 is not part of standard components

Accessories

Drilling heads without swing arm

	Number of spindles (pcs)	Spindle distance (mm)	Quick connect chuck	Swing arm	Part no.	Application	Drilling	Insertion (optional)
G9	9	32	■	-	MZK.190S	Line drilling	●	
G10	8	32	■	-	MZK.880S	Cabinet profile Front fixing bracket Lift mechanism	● ● ●	

■ With quick connect chuck □ Without 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

General

	Description	Part no.	Application
I2	EASYSTICK computer	MZD.5000	MINIPRESS PRO MINIPRESS P

Rulers

	Description	Length (mm)	Calibration (mm)	Part no.	Application
H2	EASYSTICK ruler	1700	6-953	MZD.2000	MINIPRESS PRO MINIPRESS P
H3	EASYSTICK extension ruler left/right	1700	953-2681	MZD.2V00	MINIPRESS top with EASYSTICK MINIPRESS PRO MINIPRESS P
	Description	Part no.	Application		
H13	Support for extension ruler	MZV.2E00	Can also be used for EASYSTICK extension ruler		

Page instructions










Overview – drilling and insertion machines overview	571	Accessories – insertion rams	608
Overview – assembly possibilities	572	Accessories – drill bit	608
Assembly possibilities	600		
Accessories – EASYSTICK	606		

MINIPRESS P

Order information

Accessories

Rulers

	Description	Length (mm)	Calibration (mm)	Part no.	Application
H11	 Extension ruler symmetrical	1250	300–1550	MZL.1250	Extension for basic ruler
H12	 Extension ruler symmetrical	1250	1550–2800	MZL.2500	Extension for extension ruler
	Description			Part no.	
H14	 Swivel stop			MZS.1000	
H15	 Narrow swivel stop for positioning between others, left hand			MZS.2000	
H16	 Narrow swivel stop for positioning between others, right			MZS.2000	
H17	 Centre marking stop			MZR.1000	
H18	 Centre marking stop laser			MZR.5300.02	
H19	 MINIPRESS dual application			MZR.2000	
H20	 Locking device (16 mm ruler adjustment)			MZE.1300	

¹ MINIPRESS P with EASYSTICK requires no rulers or swivel stops

General

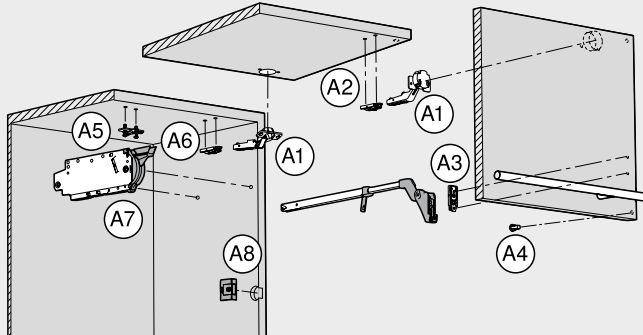
	Description	Part no.
I3	 Quick connect chuck set (5 pcs. chuck, sleeve, cover), right and left	MZF.1000.01
I8	 Quick connect chuck and sleeve, left hand	MZF.1010
I9	 Quick connect chuck and sleeve, right hand	MZF.1020
I10	 Quick connect sleeve	MZF.1030
I11	 Quick connect chuck cover	MZF.1050
I12	 Locking device for MZK.1900 MZK.8800 MZK.190S MZK.880S	MZK.1120
I13	 Drilling head connector for quick connect chuck MZK.1900 MZK.8800 MZK.190S MZK.880S	MZK.1130
I14	 Drilling depth stop for MINIPRESS P M 2010 and later	M30.1304.02
I15	 Retro fit kit for drilling head MINIPRESS P M earlier than 2010	M30.1313.UM
I16	 Position indicator for MINIPRESS P (digital drilling offset stop)	MZE.2110
I17	 Hold down clamp (pneumatic) left/right	M53.0720
I18	 Work table for MINIPRESS P	MZA.5300
I21	 Tool holder	M51.0802
I22	 Set-up plan rack	M54.2117

Page instructions

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MINIPRESS P

Assembly possibilities



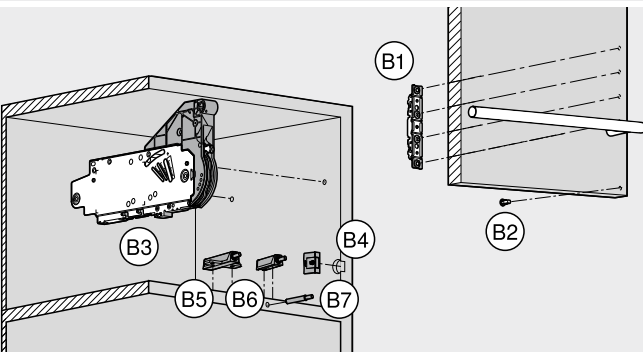
Assembly – lift systems (AVENTOS HF | HK-XS)

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 ●



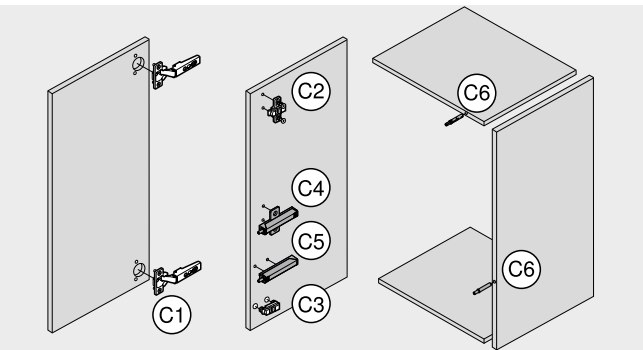
Assembly – lift systems (AVENTOS HS | HL | HK top | HK-S)

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 –



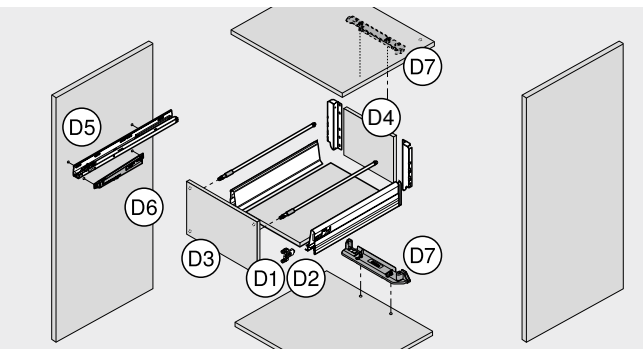
Assembly – hinge systems

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

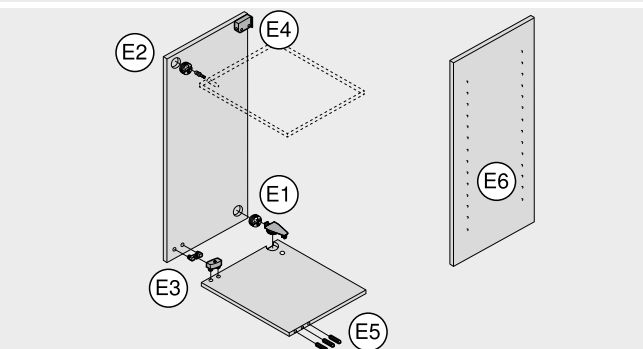
- D1 LEGRABOX | TANDEMBOX | METABOX front fixing ○
- D2 MOVENTO- | TANDEM front adjuster ●
- D3 Blum distance bumper ●

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 insertion of Blum fittings
- 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

Page instructions

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
- I14 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
- I14 1 x Drilling depth stop for MINIPRESS P | M 2010 and later
- I19 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

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 Front fixing bracket Lift mechanism	● ● ●	

■ With quick connect chuck □ Without 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










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MINIPRESS M











Order information

Accessories

Rulers

	Description	Length (mm)	Calibration (mm)	Part no.	Application
H11	 Extension ruler symmetrical	1250	300–1550	MZL.1250	Extension for basic ruler
H12	 Extension ruler symmetrical	1250	1550–2800	MZL.2500	Extension for extension ruler
	Description			Part no.	Application
H13	 Support for extension ruler			MZV.2E00	Can also be used for EASYSTICK extension ruler
H14	 Swivel stop			MZS.1000	
H15	 Narrow swivel stop for positioning between others, left hand			MZS.2000	
H16	 Narrow swivel stop for positioning between others, right hand			MZS.2000	
H17	 Centre marking stop			MZR.1000	
H19	 MINIPRESS dual application			MZR.2000	
H21	 Stop (drilling offset stop)			MZS.1020	

General

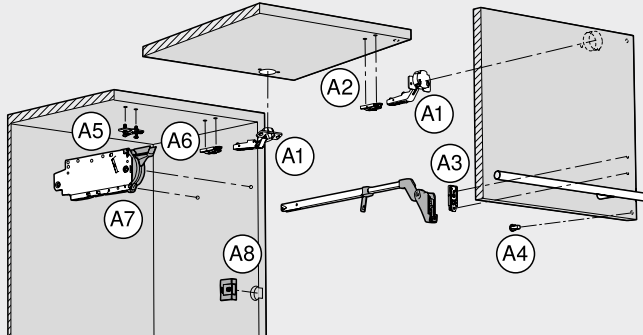
	Description	Part no.
I3	 Quick connect chuck set (5 pcs. chuck, sleeve, cover), right and left	MZF.1000.01
I8	 Quick connect chuck and sleeve, left hand	MZF.1010
I9	 Quick connect chuck and sleeve, right hand	MZF.1020
I10	 Quick connect sleeve	MZF.1030
I11	 Quick connect chuck cover	MZF.1050
I12	 Locking device for MZK.1900 MZK.8800 MZK.190S MZK.880S	MZK.1120
I13	 Drilling head connector for quick connect chuck MZK.1900 MZK.8800 MZK.190S MZK.880S	MZK.1130
I14	 Drilling depth stop for MINIPRESS P M 2010 and later	M30.1304.02
I15	 Retro fit kit for drilling head MINIPRESS P M earlier than 2010	M30.1313.UM
I19	 Work table for MINIPRESS M	MZA.5200

Page instructions

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MINIPRESS M

Assembly possibilities



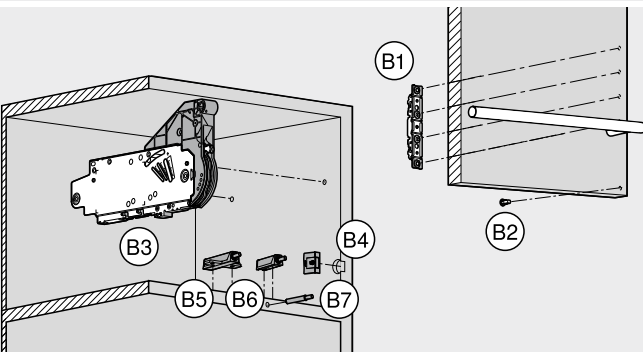
Assembly – lift systems (AVENTOS HF | HK-XS)

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	●



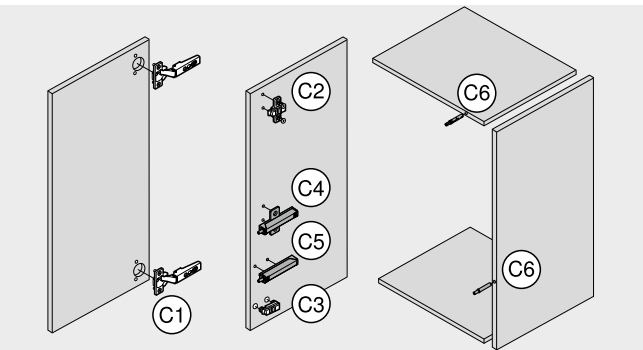
Assembly – lift systems (AVENTOS HS | HL | HK top | HK-S)

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	–



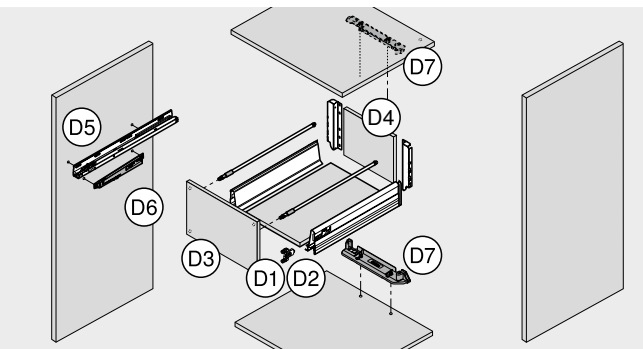
Assembly – hinge systems

Front assembly

(C1) Hinge	●
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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

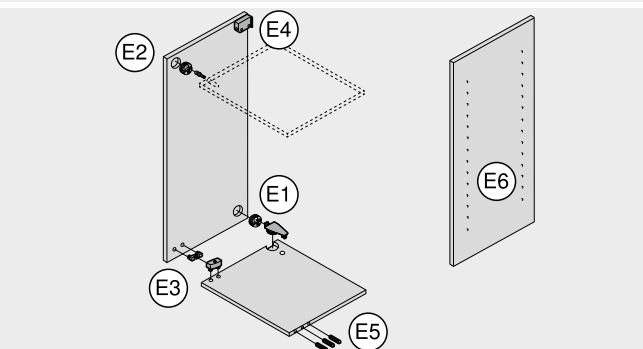
(D1) LEGRABOX TANDEMBOX METABOX front fixing	○
(D2) MOVENTO- TANDEM front adjuster	●
(D3) Blum distance bumper	●

Drawer assembly

(D4) Base back	○
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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

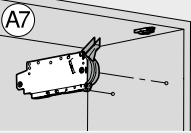
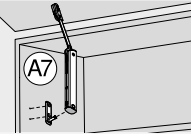
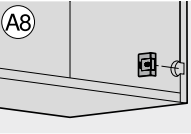
Assembly – lift systems (AVENTOS HF | HK-XS)

Front assembly

		Quantity required	Part no.	
	Hinge AVENTOS HF HK-XS			
	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 ¹	MZS.2000	
MINIPRESS M	Narrow swivel stop for positioning between others, left hand	2 x ¹	MZS.2000	
	Horizontal mounting plate AVENTOS HF			
	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 ¹	MZS.2000
		Narrow swivel stop for positioning between others, left hand	2 x ¹	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 AVENTOS HF HK-XS			
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	1 x ¹	MZS.2000	
	Blum distance bumper AVENTOS HF			
	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 ¹	MZS.2000	
	MINIPRESS P	Narrow swivel stop for positioning between others, left hand	1 x ¹	MZS.2000
MINIPRESS M				
Cabinet assembly				
	Cruciform mounting plate AVENTOS HF HK-XS			
	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 ¹	MZS.2000
		Narrow swivel stop for positioning between others, left hand	2 x ¹	MZS.2000
		Insertion ram, mounting plates 174H71xx	1 x	MZM.0061.01
	Horizontal mounting plate AVENTOS HF HK-XS			
	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 ¹	MZS.2000
		Narrow swivel stop for positioning between others, left hand	2 x ¹	MZS.2000
		Insertion ram, horizontal zinc mounting plates 177H51x0	1 x	MZM.0050
	Insertion ram, horizontal steel mounting plates 177H31x0	1 x	MZM.0053	

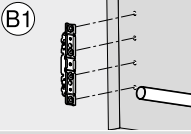
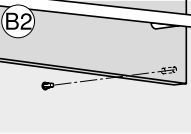
¹ MINIPRESS P with EASYSTICK requires no rulers or swivel stops

MINIPRESS P | MINIPRESS M

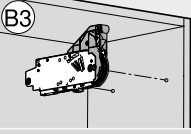
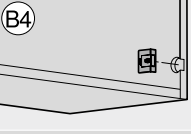
		Quantity required	Part no.
 <p>MINIPRESS P MINIPRESS M</p>	Lift mechanism AVENTOS HF Drilling head, number of spindles 8, drilling	1 x	MZK.880S
	Drill bit, 5 x 57 mm, right hand	2 x	M01.ZB05.02
	Narrow swivel stop for positioning between others, right	1 x	MZS.2000
	Narrow swivel stop for positioning between others, left hand	1 x	MZS.2000
 <p>MINIPRESS P MINIPRESS M</p>	Cabinet fixing AVENTOS HK-XS 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
	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
 <p>MINIPRESS P MINIPRESS M</p>	SERVO-DRIVE switch AVENTOS HF 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
	Narrow swivel stop for positioning between others, left hand	1 x	MZS.2000

Assembly – lift systems (AVENTOS HS | HL | HK top | HK-S)

Front assembly

		Quantity required	Part no.
 <p>MINIPRESS P MINIPRESS M</p>	Front fixing bracket AVENTOS HS HL HK top 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
	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
 <p>MINIPRESS P MINIPRESS M</p>	Front fixing bracket AVENTOS HK-S 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
	Narrow swivel stop for positioning between others, left hand	1 x	MZS.2000
	 <p>MINIPRESS P MINIPRESS M</p>	Blum distance bumper AVENTOS HS HL HK top Drill bit, 8 x 57 mm, right hand	1 x
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
Narrow swivel stop for positioning between others, left hand		1 x	MZS.2000

Cabinet assembly

		Quantity required	Part no.
 <p>MINIPRESS P MINIPRESS M</p>	Lift mechanism AVENTOS HS HL HK top HK-S 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
	Narrow swivel stop for positioning between others, left hand	1 x	MZS.2000
	 <p>MINIPRESS P MINIPRESS M</p>	SERVO-DRIVE switch AVENTOS HS HL HK top Fittings drill bit, 35 x 57 mm, right hand	1 x
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

¹ MINIPRESS P with EASYSTICK requires no rulers or swivel stops

MINIPRESS P | MINIPRESS M

		Quantity required	Part no.
	TIP-ON – cruciform adapter plate AVENTOS HK top HK-S		
	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
MINIPRESS P	Narrow swivel stop for positioning between others, right	1 x	MZS.2000
MINIPRESS M	Narrow swivel stop for positioning between others, left hand	1 x	MZS.2000
	TIP-ON – inline adapter plate AVENTOS HK top HK-S		
	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
	Narrow swivel stop for positioning between others, left hand	1 x	MZS.2000
MINIPRESS P			
MINIPRESS M			

Assembly – hinge systems

Front assembly

		Quantity required	Part no.
	Hinge		
	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
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

		Quantity required	Part no.	
	Cruciform mounting plate			
	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	
	Horizontal mounting plate			
	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	
	BLUMOTION TIP-ON Cruciform adapter plate			
	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	
	BLUMOTION TIP-ON Inline adapter plate			
	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				

¹ MINIPRESS P with EASYSTICK requires no rulers or swivel stops

MINIPRESS P | MINIPRESS M

Assembly – pull-out system

Front assembly

		Quantity required	Part no.	
	LEGRABOX front fixing 8 spindle drilling head			
	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			
	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 8 spindle drilling head			
	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 8 spindle drilling head			
	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			
	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 8 spindle drilling head			
	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	
	MOVENTO- TANDEM front adjuster 295.1000			
	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				

¹ MINIPRESS P with EASYSTICK requires no rulers or swivel stops

MINIPRESS P | MINIPRESS M

		Quantity required	Part no.
	Blum distance bumper		
	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 ¹	MZS.2000
MINIPRESS P	Narrow swivel stop for positioning between others, left hand	1 x ¹	MZS.2000
MINIPRESS M			
Drawer assembly			
	Base back		
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	2 x ¹	MZS.2000
Cabinet assembly			
	Cabinet profiles		
	8 spindle drilling head		
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	5 x ¹	MZS.2000
	BLUMOTION for METABOX		
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	1 x ¹	MZS.2000
	SERVO-DRIVE bracket profile attachment		
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	1 x ¹	MZS.2000
Assembly – further products			
	Vertical cabinet connectors 40.0110N 40.0200N 40.0620 42.0700.01		
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	2 x ¹	MZS.2000
	Insertion ram, connector housing 40.0110N 40.0200N	1 x	MZM.0070
	Insertion ram, connector 40.0620	1 x	MZM.0071
	Insertion ram, connector 42.0700.01	1 x	MZM.0077
	Vertical cabinet connectors 40.2110 40.2120.02		
	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 ¹	MZS.2000
MINIPRESS P	Narrow swivel stop for positioning between others, left hand	2 x ¹	MZS.2000
MINIPRESS M			

¹ MINIPRESS P with EASYSTICK requires no rulers or swivel stops

MINIPRESS P | MINIPRESS M

	Wall hanging bracket	Quantity required	Part no.
		48N0610.02 48N0610.03	
	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 ¹	MZS.2000
MINIPRESS P	Narrow swivel stop for positioning between others, left hand	1 x ¹	MZS.2000
MINIPRESS M	Insertion ram, wall hanging bracket 48N0610.02 48N0610.03	1 x	MZM.0078

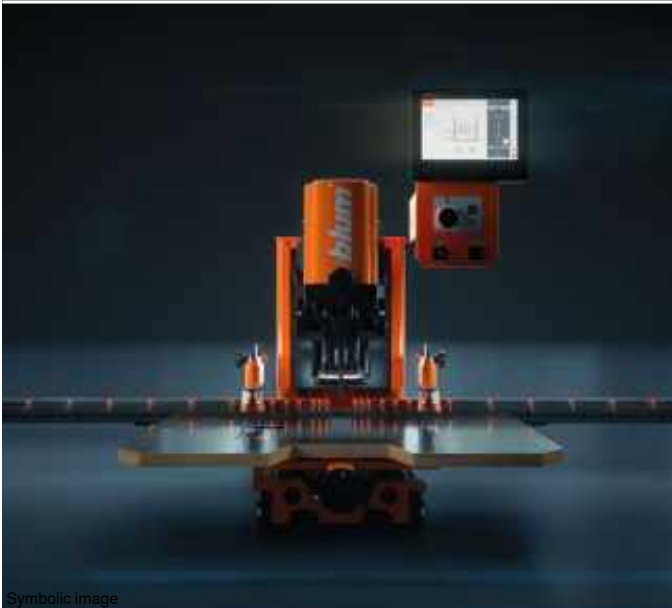
Cabinet assembly

	Line drilling	Quantity required	Part no.
		9 spindle drilling head	
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	11 x ¹	MZS.2000

	Line drilling	Quantity required	Part no.
		3 spindle drilling head	
	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 ¹	MZS.2000
	Narrow swivel stop for positioning between others, left hand	10 x ¹	MZS.2000

¹ MINIPRESS P with EASYSTICK requires no rulers or swivel stops

EASYSTICK



Symbolic image

Your perfect support

Blum drilling and insertion machines with EASYSTICK make light work of precision front and cabinet drilling – regardless of whether you are working with MINIPRESS top | MINIPRESS PRO | MINIPRESS P – retrofitted or fitted with EASYSTICK, your MINIPRESS becomes your perfect assistant. The EASYSTICK computer calculates the drilling positions for the fittings once you have entered the workpiece dimensions. The ruler (X axis) then moves automatically and shows the right drilling position step-by-step.

- Precise assembly results with automatically movable ruler (X axis)
- Planning results can be copied easily from the Cabinet Configurator
- Updates make it easy to keep your EASYSTICK software (functions and new products) equipped to perform to the optimum
- Can be retrofitted to existing machines (MINIPRESS PRO | MINIPRESS P)

Case studies



Ready, steady, drill

EASYSTICK incorporates a computer so for the first time you will be able to plan cabinets directly on the machine. After entering the cabinet dimensions, all drilling positions are determined automatically



Integrated working

Planning results are copied from the Cabinet Configurator | DYNAPLAN via a USB stick. You can call up your work assignments with the barcode scanner and continue working with them



Keep up to date

Updates are available for download and can be applied via a USB stick. So you can rest assured that EASYSTICK will always be current in terms of features and products



Position EASYSTICK ruler

EASYSTICK replaces the conventional ruler and revolutionises front and cabinet assembly – it can even be retrofitted on your existing MINIPRESS PRO | MINIPRESS P dependant on age



Install control unit

A special bracket is used to mount the computer directly on the machine, so it's simply a case of ready, steady, drill



Easy stops

EASYSTICK's illuminated markers indicate drilling positions. The ruler moves automatically. With EASYSTICK, you can move with precision, without any readjustment necessary

EASYSTICK



Symbolic image

- EASYSTICK computer (incl. bracket) for automatic calculation of fixing positions
- Automatically movable EASYSTICK ruler with stop pins and illuminated markings (length 1700 mm, stop positions from 6–953 mm)
- EASYSTICK extension ruler for stop positions from 953–2681 mm
- All EASYSTICK components must be ordered separately

Page instructions

Application video



Short-URL

www.blum.com/a860

Order information

	Description	Length (mm)	Calibration (mm)	Part no.	Application
I2	EASYSTICK computer			MZD.5000	MINIPRESS PRO MINIPRESS P
H2	EASYSTICK ruler	1700	6–953	MZD.2000	MINIPRESS PRO MINIPRESS P













Accessories

	Description	Length (mm)	Calibration (mm)	Part no.	Application
H3	EASYSTICK extension ruler left/right	1700	953–2681	MZD.2V00	MINIPRESS top with EASYSTICK MINIPRESS PRO MINIPRESS P
H13	Support for extension ruler			MZV.2E00	Can also be used for EASYSTICK extension ruler
–	Flex				
	Market	Part no.	Market	Part no.	Market
	AR	Z10M200A	JP	Z10M200J	UK
	AU	Z10M200K	CH	Z10M200C	CL
	DK	Z10M200D	CN	Z10M200N	Europe
	TW	Z10M200T	IN	Z10M200H	US CA
	IL	Z10M200I	ZA	Z10M200Z	
					Z10M200B
					Z10M200L
					Z10M200E
					Z10M200U

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MINIPRESS top	580	Short-URL	
MINIPRESS P	592	www.blum.com/i013	








Insertion rams

	Description	Part no.	MINIPRESS top with EASYSTICK		MINIPRESS P	MINIPRESS M
			MINIPRESS top			
			Vertical horizontal	Vertical		
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 48N0610.02 48N0610.03	MZM.0078	•	•	•	•
J10	 Insertion ram, connector housing 40.0110N 40.0200N	MZM.0070	•	•	•	•
J11	 Insertion ram, connector 40.0620	MZM.0071	•	•	•	•
J12	 Insertion ram, connector 42.0700.01	MZM.0077	•	•	•	•







Drill

	Description	Part no.	MINIPRESS top with EASYSTICK		MINIPRESS P	MINIPRESS M
			MINIPRESS top			
			Vertical horizontal	Vertical		
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	•	•	•	•

Drill

	Description	Part no.	MINIPRESS top with EASYSTICK		MINIPRESS P	MINIPRESS M
			MINIPRESS top			
			Vertical horizontal	Vertical		
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	•	•	•	•
K20	 Fittings drill bit without tip, 35 x 57 mm, right hand	M01.ZB35.OS	•	•	•	•

Drill bit – horizontal drilling machine

	Description	Part no.	MINIPRESS top with EASYSTICK		MINIPRESS P	MINIPRESS M
			MINIPRESS top			
			Vertical horizontal	Vertical		
L1	 Drill bit, 5 x 114.5 mm, left hand	M75.ZB05.03	•			
L2	 Drill bit, 5 x 114.5 mm, right hand	M75.ZB05.02	•			
L3	 Drill bit, 8 x 114.5 mm, left hand	M75.ZB08.03	•			
L4	 Drill bit, 8 x 114.5 mm, right hand	M75.ZB08.02	•			
L5	 Drill bit, 10 x 114.5 mm, left hand	M75.ZB10.03	•			
L6	 Drill bit, 10 x 114.5 mm, right hand	M75.ZB10.02	•			

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MINIPRESS top with EASYSTICK	576		

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

Description	Part no.	Page	Assembly possibilities																
			AVENTOS	AVENTOS HF	AVENTOS HK top	AVENTOS HK-XS	CLIP top BLUMOTION	CLIP top	MODUL	LEGRABOX pure	LEGRABOX free	TANDEMBOX intivo	TANDEMBOX antiaro	TANDEMBOX plus	METABOX	MOVENTO	TANDEM	STANDARD	Further products
▶▶ Drawer assembly																			
 BOXFIX P	ZMM.2750.02	612							•	•	•	•	•						
 BOXFIX E-L	ZMM.0700.01	613							•	•									
 BOXFIX E-T	ZMM.0350	614									•	•	•						

Pictograph



Item Available Upon Request

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
- Recurring cabinet widths can be pre-set with the width stop (optional)

Assembly possibilities

- LEGRABOX pure
- LEGRABOX free
- TANDEMBOX intivo
- TANDEMBOX antaro
- TANDEMBOX plus

Page instructions

Overview – assembly devices

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Application video



Short-URL

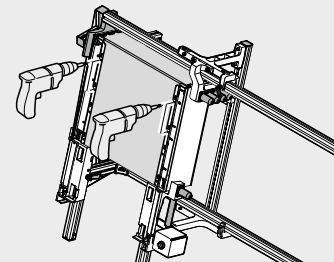
www.blum.com/O9BYv

Order information

Description		Part no.	Accessories	
BOXFIX P		ZMM.2750.02		Width stop (T-nut) ZMM.2759
Composed of:				Centre bit M01.ZZ03.01
– 1 x BOXFIX P				
– 1 x Centre bit				

Assembly possibilities

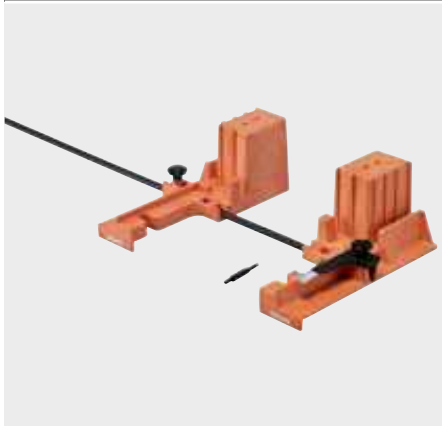
LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



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



- 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

611

Application video





Short-URL

www.blum.com/26qCmt

Order information

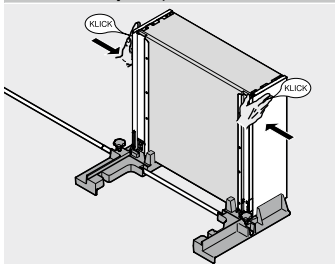
Description	Part no.
BOXFIX E-L	ZMM.0700.01
Composed of:	
– 1 x BOXFIX E-L	
– 1 x Centre bit	
– 1 x Shim kit for BOXFIX E-L	

Accessories	Part no.
 Centre bit	M01.ZZ03.01
 Shim kit for BOXFIX E-L	ZMM.075N

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	
– 1 x Shim kit for BOXFIX E-L	

Assembly possibilities

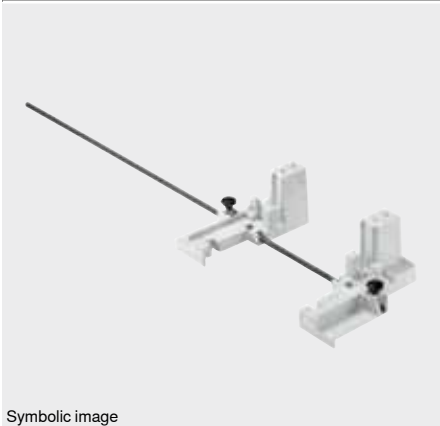
LEGRABOX pure | LEGRABOX free



Drawer Assembly

- Set 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

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Application video



Short-URL

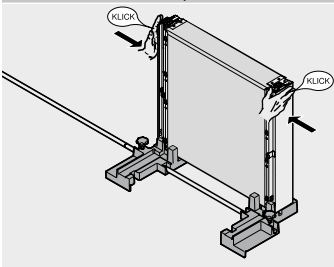
www.blum.com/ZLrYk

Order information

Description	Part no.	Accessories
BOXFIX E-T	ZMM.0350	
Composed of:		
– 1 x BOXFIX E-T		
– 1 x Centre bit		
		Centre bit
		M01.ZZ03.01

Assembly possibilities

TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



Drawer Assembly

- Set 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



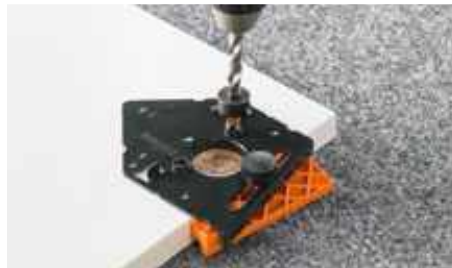
Templates

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



Drilling for 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



►► Overview



Symbolic image






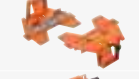



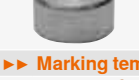



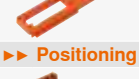

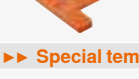


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►► Overview – assembly possibilities	620

Pictograph



Item Available Upon Request

Description	Part no.	Page	Assembly possibilities															
			AVENTOS	AVENTOS HF	AVENTOS HK top	AVENTOS HK-XS	CLIP top BLUMOTION	CLIP top	MODUL	LEGRABOX pure	LEGRABOX free	TANDEMBOX intivo	TANDEMBOX antaro	TANDEMBOX plus	METABOX	MOVENTO	TANDEM	STANDARD
►► Drilling templates																		
Universal individual template	65.1051.02	624	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Universal drilling template	ZML.0040.01	625	•						•	•	•	•	•	•	•	•	•	
Drilling template for Blum distance bumper	ZML.1090	626	•	•		•	•	•	•	•	•	•	•		•	•		
ECODRILL	M31.1000	627	•		•	•	•	•										
Drilling template for the SERVO-DRIVE switch	M31.2000	628	•	•	•													
Drilling template for hinges	65.05xA	629	•		•	•	•	•										
Template	65.5300*	630	•		•	•	•	•										
Drilling template for mounting plates	65.5070	631	•		•	•	•	•										
Drilling template for BLUMOTION TIP-ON	65.5010	632	•		•		•											
Drilling template for BLUMOTION	65.5000	633				•	•	•										
Base router	M35.7200.01	634							•	•								
Drilling template for LEGRABOX base back	ZML.7000	635							•	•								
Drilling template for SPACE CORNER with SYNCROMOTION	ZML.0330	636									•	•	•					
Drilling template for SERVO-DRIVE bracket profile attachment	ZML.1150.02	637							•	•	•	•	•		•	•		
MINIFIX	65.3300	638													•		•	
Drilling template for MOVENTO TANDEM	T65.1000.02	639													•	•		
Drilling template for TANDEM hook and peg variant	T65.1100	640														•		
Drilling template for TANDEM front fixing	ZML.0050	641														•		
Drilling template for connectors	65.5040	642																•
►► Gauge sets																		
Universal drilling template	65.1000.01	643	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Description	Part no.	Page	Assembly possibilities															
			AVENTOS	AVENTOS HF	AVENTOS HK top	AVENTOS HK-XS	CLIP top BLUMOTION	CLIP top	MODUL	LEGRABOX pure	LEGRABOX free	TANDEMBOX intivo	TANDEMBOX antaro	TANDEMBOX plus	METABOX	MOVENTO	TANDEM	STANDARD
>> Gauge sets																		
 Drilling template for hinge systems	65.7500.03	644	•		•	•	•	•										
 Adhesion template for CRISTALLO glass door hinges	65.4500.01	645					•	•										
>> Insertion tool																		
 Insertion tool for hinges	ZME.0710	646					•	•	•									
 Insertion tool for mounting plates	65.6100	647					•	•	•									
 Insertion tool for pull-out systems	ZME.xxx0.xx	648									•	•	•	•				
>> Marking templates																		
 Marking template for AVENTOS HK top front fixing bracket	ZML.2200	649	•		•													
 Marking template for LEGRABOX	ZML.3710	650							•	•								
 Marking template for TANDEMBOX METABOX	ZML.x5x0.xx	651									•	•	•	•				
 Positioning template for catch plate	65.5210.01	652	•					•										
 Marking template	65.2950	653														•	•	•
>> Marking templates																		
 Universal marking template	65.5340.01	654	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 Cabinet angle template	65.5810.02	655					•	•										
 Marking template for CABLOXX front locking bracket	65.080x	656								•	•	•	•					
 Marking template	ZML.80xx	657											•	•	•			
>> Positioning templates																		
 Front gap template for LEGRABOX MOVENTO	65.5631	658								•	•						•	
 Front gap template for TANDEMBOX	65.5627	659									•	•	•					
>> Special templates																		
 Cutting-to-size template for CABLOXX	65.0801	660																•
 Glass cutting set	65.8000	661								•	•	•						

Overview – assembly possibilities

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Assembly – MODUL	621	Assembly – TANDEMBOX plus	622	Assembly – STANDARD	623
Assembly – LEGRABOX pure LEGRABOX free	621	Assembly – METABOX	622	Assembly – further products	623

Assembly – AVENTOS

Front assembly

	Universal drilling template	625		Template	630		Marking template for AVENTOS HK top front fixing bracket	649
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Cabinet assembly

	Universal individual template	624		Universal drilling template	643		Universal marking template	654
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Assembly – hinge systems

	Template	630		Drilling template for mounting plates	631		Drilling template for hinges	629
	ECODRILL	627		Drilling template for hinge systems	644		Insertion tool for hinges	646
	Insertion tool for mounting plates	647		Universal marking template	654			

Assembly – SERVO-DRIVE

	Drilling template for Blum distance bumper	626		Drilling template for the SERVO-DRIVE switch	628			
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Assembly – TIP-ON

	Positioning template for catch plate	652		Drilling template for BLUMOTION TIP-ON	632			
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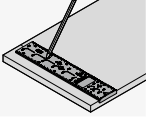
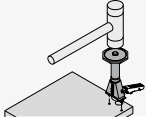
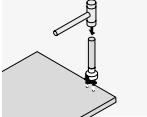
Assembly – CLIP top BLUMOTION | CLIP top

Assembly – hinge systems

	Template	630		Drilling template for mounting plates	631		Drilling template for hinges	629
	ECODRILL	627		Cabinet angle template	653		Adhesion template for CRISTALLO glass door hinges	645
	Universal individual template	624		Universal drilling template	643		Drilling template for hinge systems	644

Assembly – CLIP top BLUMOTION | CLIP top

Assembly – hinge systems

	Universal marking template		Insertion tool for hinges		Insertion tool for mounting plates
	654		646		647

Assembly – BLUMOTION

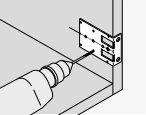
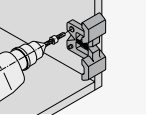
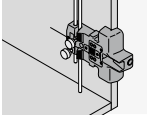

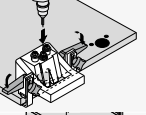
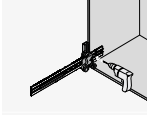
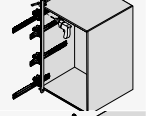
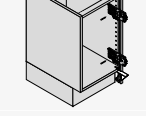
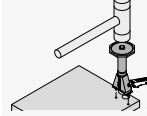
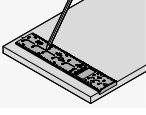
	Template		Drilling template for BLUMOTION TIP-ON		Drilling template for BLUMOTION
	630		632		633

Assembly – TIP-ON

	Template		Positioning template for catch plate		Drilling template for BLUMOTION TIP-ON
	630		652		632

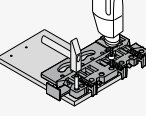
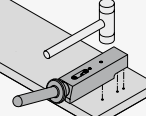
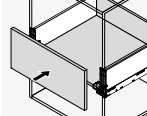
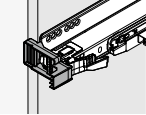
Assembly – MODUL

Assembly – hinge systems

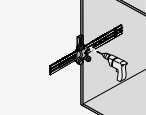
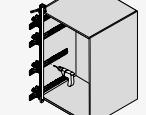
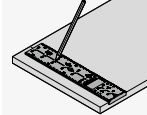
	Template		Drilling template for mounting plates		Drilling template for BLUMOTION
	630		631		633
	Drilling template for hinges		ECODRILL		Universal individual template
	629		627		624
	Universal drilling template		Drilling template for hinge systems		Insertion tool for hinges
	643		644		646
	Universal marking template				
	654				

Assembly – LEGRABOX pure | LEGRABOX free

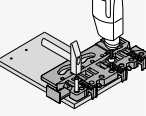
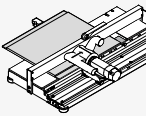
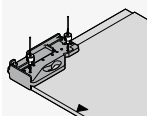
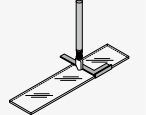
Front assembly

	Universal drilling template		Insertion tool for pull-out systems		Marking template for LEGRABOX
	625		648		650
	Front gap template for LEGRABOX				
	658				

Cabinet assembly

	Universal individual template		Universal drilling template		Universal marking template
	624		643		654

Drawer assembly

	Universal drilling template		Base router		Drilling template for LEGRABOX base back
	625		634		635
	Glass cutting set				
	661				

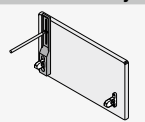
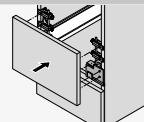
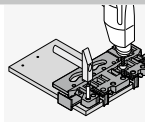
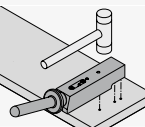
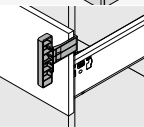
Assembly – LEGRABOX pure | LEGRABOX free

Assembly – SERVO-DRIVE

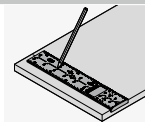
	Drilling template for Blum distance bumper	626		Drilling template for SERVO-DRIVE bracket profile attachment	637
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Assembly – TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus

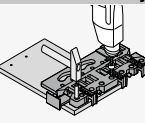
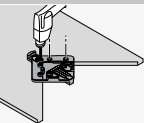
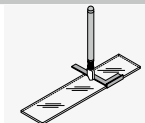
Front assembly

	Marking template	657		Marking template for TANDEMBOX METABOX	651		Universal drilling template	625
	Insertion tool for pull-out systems	648		Front gap template for TANDEMBOX	659			

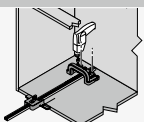
Cabinet assembly

	Universal individual template	624		Universal drilling template	643		Universal marking template	654
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Drawer assembly

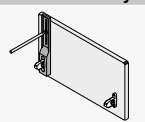
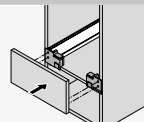
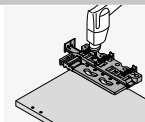
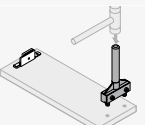
	Universal drilling template	625		Drilling template for SPACE CORNER with SYNCROMOTION	636		Glass cutting set	661
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Assembly – SERVO-DRIVE

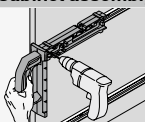
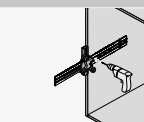
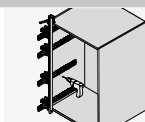
	Drilling template for Blum distance bumper	626		Drilling template for SERVO-DRIVE bracket profile attachment	637			
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Assembly – METABOX

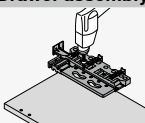
Front assembly

	Marking template	657		Marking template for TANDEMBOX METABOX	651		Universal drilling template	625
	Insertion tool for pull-out systems	648						

Cabinet assembly

	MINIFIX	638		Universal individual template	624		Universal drilling template	643
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Drawer assembly

	Universal drilling template	625						
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Assembly – MOVENTO | TANDEM

Front assembly

	Universal drilling template		Front gap template for MOVENTO
	625		658

Cabinet assembly

	Universal individual template		Universal drilling template		Universal marking template
	624		643		654

Drawer assembly

	Drilling template for MOVENTO TANDEM		Drilling template for TANDEM hook and peg variant		Drilling template for TANDEM front fixing
	639		640		641
	Marking template				
	653				

Assembly – SERVO-DRIVE

	Drilling template for Blum distance bumper		Drilling template for SERVO-DRIVE bracket profile attachment
	626		637

Assembly – STANDARD

Cabinet assembly

	MINIFIX		Universal individual template		Universal drilling template
	638		624		643

Drawer assembly

	Marking template				
	653				

Assembly – further products

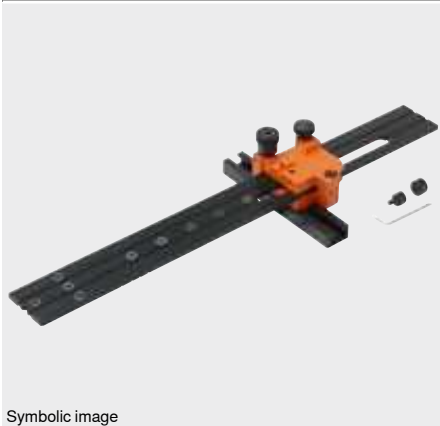
Front assembly

	Marking template for CABLOXX front locking bracket		Marking template for CABLOXX front locking bracket
	656		656

Cabinet assembly

	Drilling template for connectors		Cutting-to-size template for CABLOXX
	642		660

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	

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Application video



Short-URL

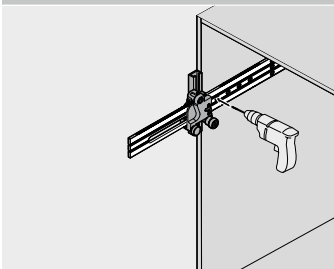
www.blum.com/FtGEO

Order information

Description	Part no.	Accessories	Part no.
 Universal individual template	65.1051.02	 Add-on for SPACE CORNER	65.1107
Composed of: <ul style="list-style-type: none"> – 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 		Description	

Assembly possibilities

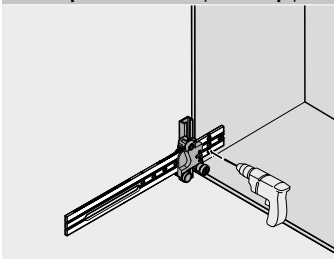
AVENTOS



Cabinet assembly

- Set template depth position using the calibration
- Position template in cabinet on marking line
- Pre-drill fixing positions for lift mechanism pegs

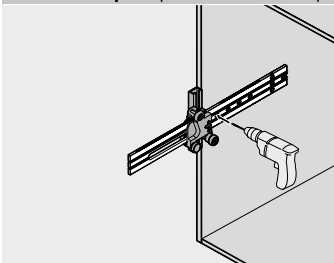
CLIP top BLUMOTION | CLIP top | MODUL



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)

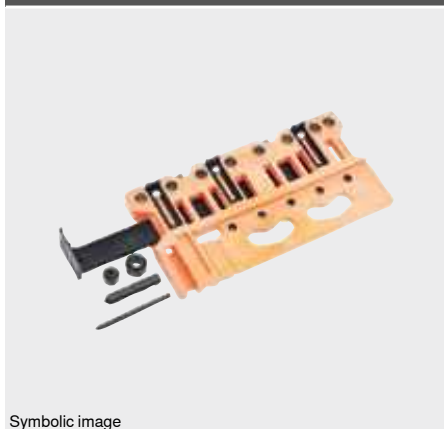
LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM | STANDARD



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

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

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Application video



Short-URL

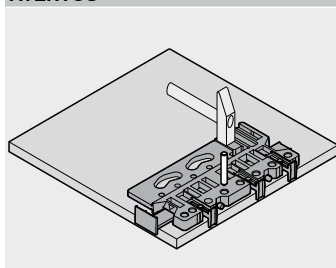
www.blum.com/cSAMF

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

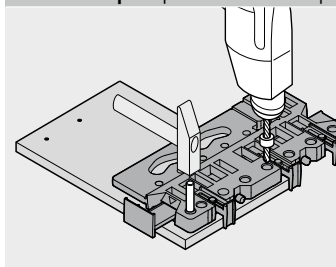
AVENTOS



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 top | HK-S | HK-XS

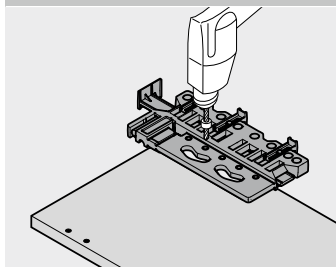
LEGRABOX pure | LEGRABOX free | TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX | MOVENTO | TANDEM



Front assembly

- Set stops using the calibration
- Drill or mark fixing positions for front fixings including gallery

METABOX



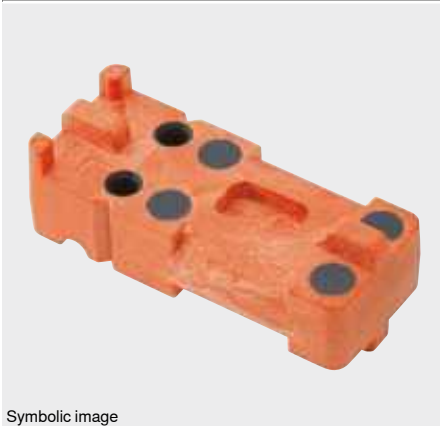
Drawer assembly – back

- 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 Blum distance bumper



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	

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Application video



Short-URL

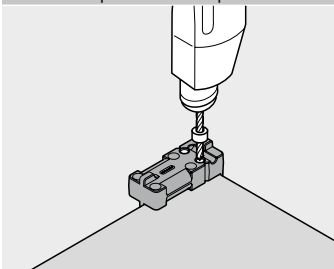
www.blum.com/1ZtTC6

Order information

Description	Part no.
 Drilling template for Blum distance bumper	ZML.1090
Composed of:	
– 1 x Drilling template for Blum distance bumper	
– 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)

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

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Application video



Short-URL

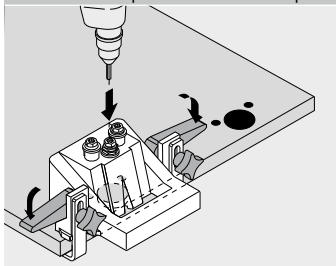
www.blum.com/1SeQww

Order information

Description	Part no.	Accessories	Part no.
ECODRILL	M31.1000	Description	
Composed of:		Drill bit Ø 8 mm	M31.ZB08.02
– 1 x Drilling template		Fittings drill bit Ø 35 mm	M31.ZB35.02
– 2 x Drill bit Ø 8 mm		Tool set	MZW.1300
– 1 x Fittings drill bit Ø 35 mm		Clip-on part for bi-fold hinge	M31.1900
– 2 x TORX bit			
– 2 x Adjustable clamps			

Assembly possibilities

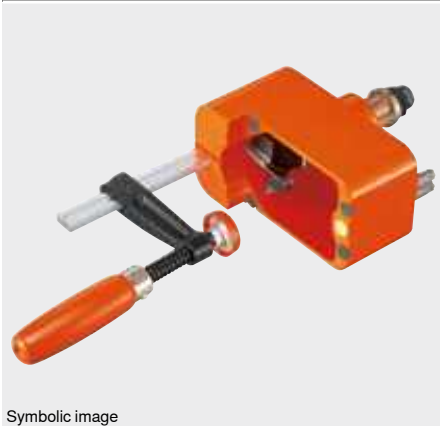
AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL



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 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 top

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Application video



Short-URL

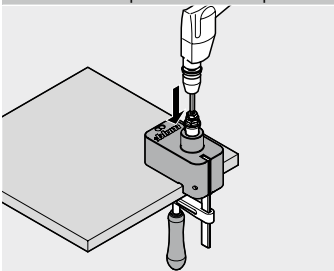
www.blum.com/29CZin

Order information

Description	Part no.	Accessories	Part no.
 Drilling template for the SERVO-DRIVE switch	M31.2000	 Fittings drill bit Ø 35 mm	M31.ZB35.02
Composed of: <ul style="list-style-type: none"> – 1 x Drilling template for the SERVO-DRIVE switch – 1 x Fittings drill bit Ø 35 mm – 2 x TORX bit 			

Assembly possibilities

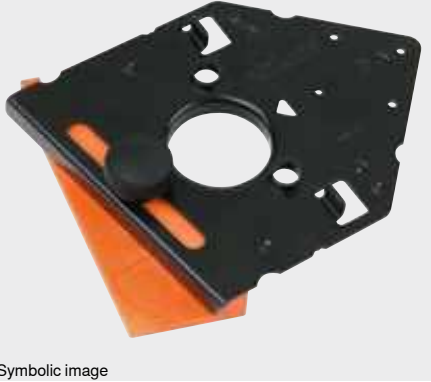
AVENTOS HF | AVENTOS HS | AVENTOS HL | AVENTOS HK top



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 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

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Application video



Short-URL

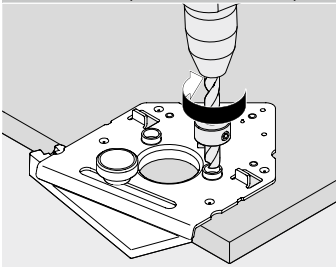
www.blum.com/1Be6q5

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

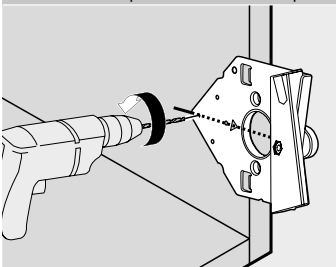
AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL



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 horizontal (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 top
AVENTOS HK-S
AVENTOS HK-XS
CLIP top BLUMOTION
CLIP top
MODUL

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Application video



Short-URL

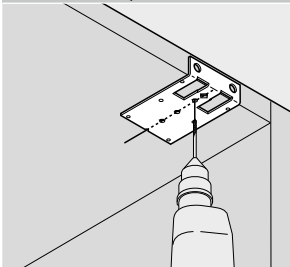
www.blum.com/1lmlaP

Order information

Description	Part no.
Template	65.5300*
Composed of:	
– 1 x Template	

Assembly possibilities

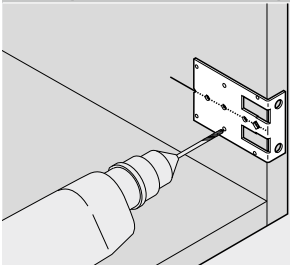
AVENTOS HF | AVENTOS HK-XS



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 horizontal (20 mm) or cruciform mounting plates (37 mm)

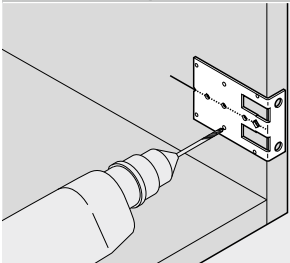
CLIP top BLUMOTION | CLIP top | MODUL



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 horizontal (20 mm) or cruciform mounting plates (37 mm)

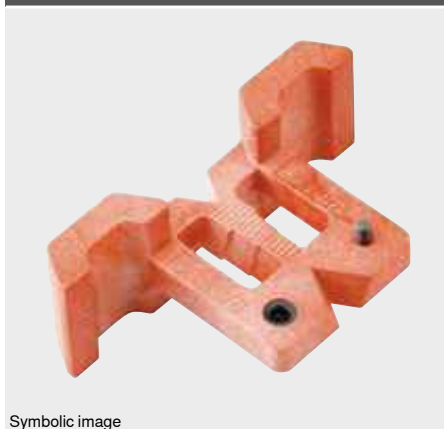
AVENTOS HK top | AVENTOS HK-S | AVENTOS HK-XS | CLIP top



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

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Application video



Short-URL

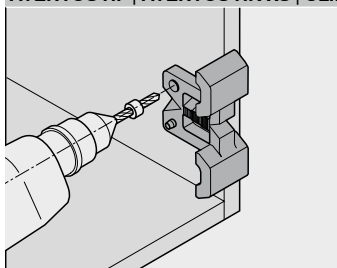
www.blum.com/uiJko

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 top
AVENTOS HK-S
AVENTOS HK-XS
CLIP top

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Application video



Short-URL

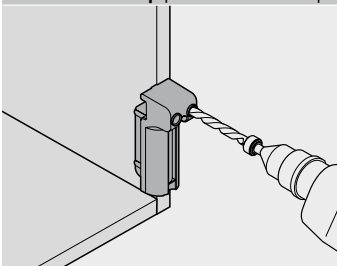
www.blum.com/1ZmwA8

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

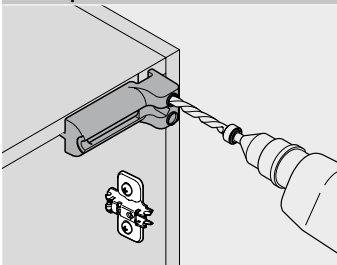
AVENTOS HK top | AVENTOS HK-S | AVENTOS HK-XS | CLIP top



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

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Application video



Short-URL

www.blum.com/cKQqy

Order information

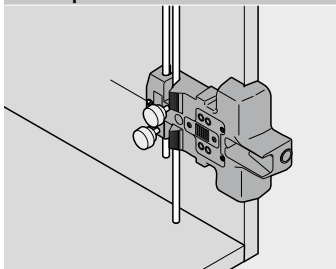
Description	Part no.
 Drilling template for BLUMOTION	65.5000

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

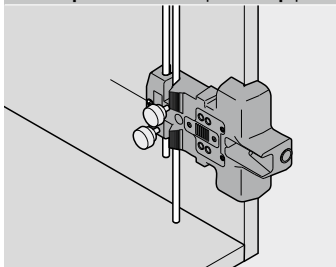
CLIP top



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

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
- Additional cutting head for 18–19 mm bases available on request

Assembly possibilities

LEGRABOX pure
LEGRABOX free

Page instructions

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Application video



Short-URL

www.blum.com/UWdi4

Order information

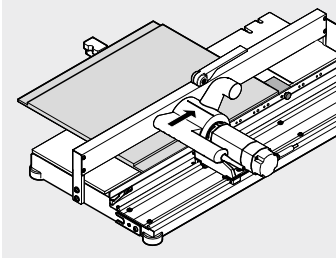
Description	Part no.
Base router	M35.7200.01
Composed of:	
– 1 x Base router	
– 1 x Milling cutter Ø 60 mm	
– 2 x Wood stop	
– 1 x Tool set	

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

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Application video



Short-URL

www.blum.com/1sK9KN

Order information

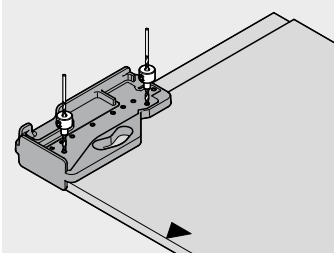
Description	Part no.
Drilling template for LEGRABOX base back	ZML.7000

Composed of:

- 1 x Drilling template for LEGRABOX base | back
- 1 x Drilling depth spacer Ø 2.5 mm

Assembly possibilities

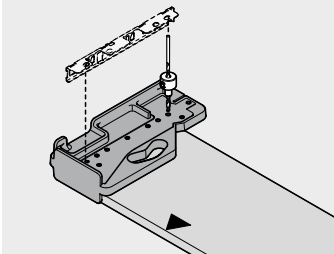
LEGRABOX pure | LEGRABOX free



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)

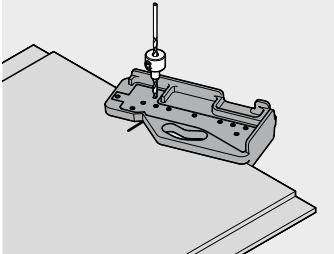
LEGRABOX pure | LEGRABOX free



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 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	

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Application video



Short-URL

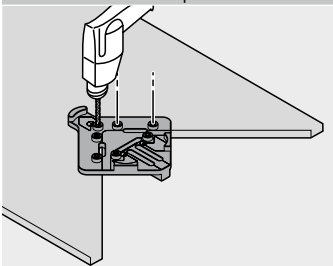
www.blum.com/2IW3fO

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

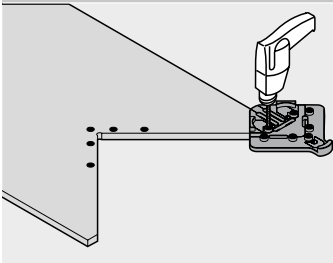
TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



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

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Application video



Short-URL

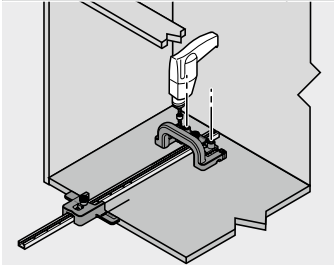
www.blum.com/C5aJ9

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

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

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Application video



Short-URL

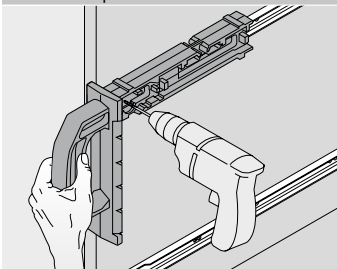
www.blum.com/1wLT0f

Order information

Description		Part no.	Accessories	
	MINIFIX	65.3300		
Composed of:			Description	Part no.
– 1 x MINIFIX				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)

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

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Application video



Short-URL

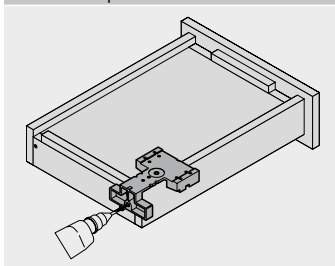
www.blum.com/25lXQy

Order information

Description	Part no.	Accessories	Part no.
 Drilling template for MOVENTO TANDEM	T65.1000.02	 Tool set	T65.9000
Composed of:			
– 1 x Drilling template for MOVENTO TANDEM			
– 1 x Drilling depth spacer Ø 6 mm			

Assembly possibilities

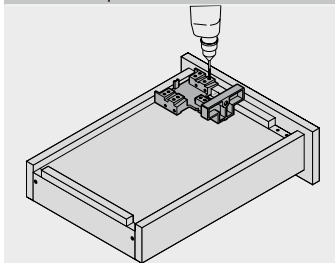
MOVENTO | TANDEM



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

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Application video



Short-URL

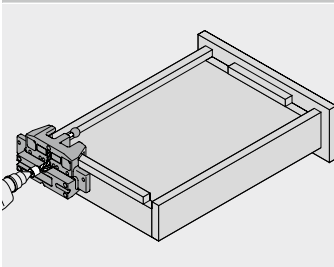
www.blum.com/6PBYi

Order information

Description		Part no.	Accessories	
Drilling template for TANDEM hook and peg variant 561H 551H		T65.1100		
Composed of:			Description	
– 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				
			Part no.	
			Tool set	
			T65.9000	

Assembly possibilities

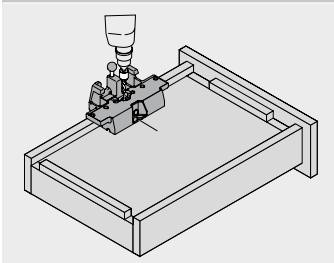
TANDEM



Drawer assembly – hook drilling

- Position template on assembled wooden drawer
- Drill hook position

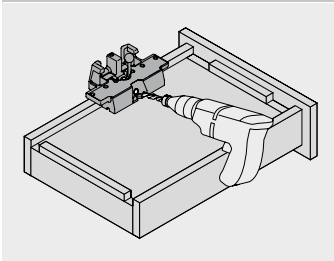
TANDEM



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

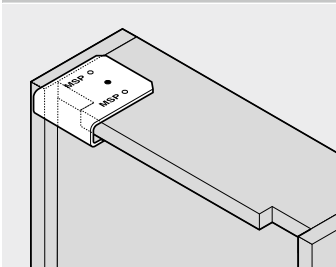
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Order information

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 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

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Application video



Short-URL

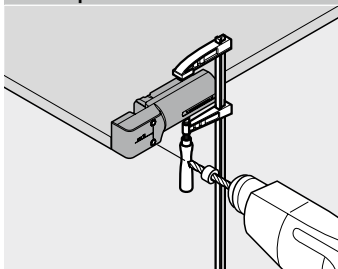
www.blum.com/2XGqs

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

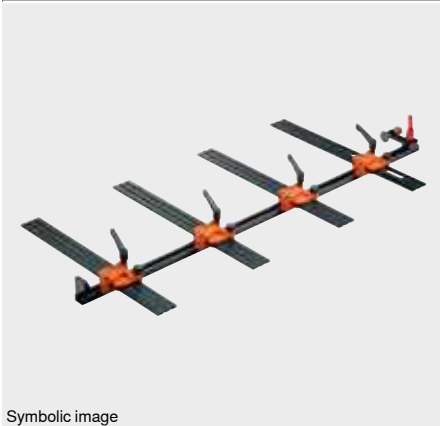
Further products



Further products assembly

- Place the template flush on the cabinet bottom or top panel
- Secure template and drill (Ø 5 mm)

Universal 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	

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Application video



Short-URL

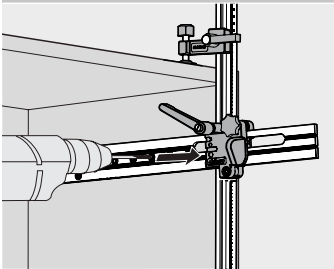
www.blum.com/2EbFR6

Order information

Description	Part no.	Accessories	Part no.
Universal drilling template	65.1000.01	Description	Part no.
Composed of:		Extension rail 2200 mm with calibration	T65.5090
- 1 x Extension rail 1000 mm		Universal drilling template	65.1001.01
- 4 x Universal drilling template		Add-on for SPACE CORNER	65.1106
- 1 x Drilling depth spacer Ø 5 mm			
- 1 x Reducing bush Ø 5 to Ø 2.5 mm			
- 1 x Allen key			

Assembly possibilities

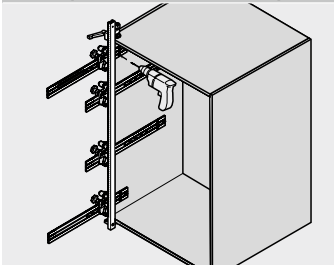
AVENTOS



Cabinet assembly

- Set template height and depth position using the calibration
- Position template on cabinet
- Pre-drill fixing positions for lift mechanism pegs

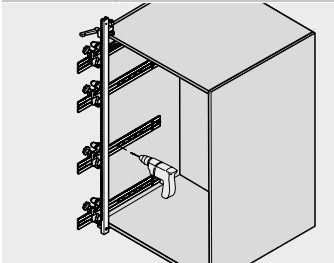
CLIP top BLUMOTION | CLIP top | MODUL



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

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

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Overview – assembly possibilities	620

Application video



Short-URL

www.blum.com/10TSjY

Order information

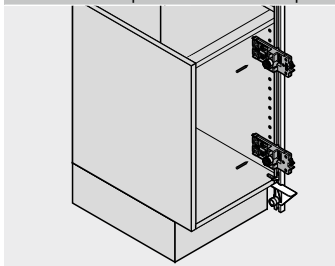
Description	Part no.
Drilling template for hinge systems	65.7500.03
Composed of:	
– 1 x Extension rail 1000 mm	
– 2 x Templates with a marking template	
– 2 x Marking template Ø 5 mm	

Accessories

Description	Part no.
Extension rail 2200 mm with calibration	T65.5090
Template	65.7510.03

Assembly possibilities

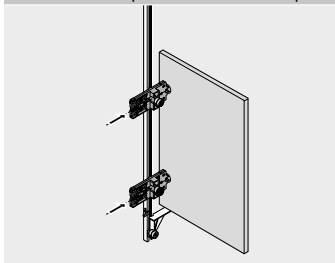
AVENTOS HF | AVENTOS HK-XS | CLIP top BLUMOTION | CLIP top | MODUL



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

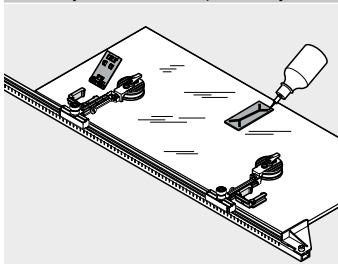
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Order information

Description	Part no.	Accessories	Part no.
 Adhesion template for CRISTALLO glass door hinges	65.4500.01	 Template	65.4510
Composed of: <ul style="list-style-type: none"> 1 x Extension rail 1000 mm 2 x Template with vacuum clamp 			

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

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

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Application video



Short-URL

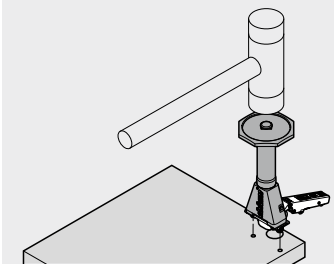
www.blum.com/1gZon1

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

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Application video



Short-URL

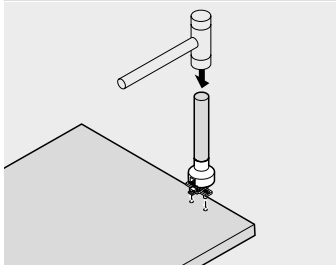
www.blum.com/VXeEb

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

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Application video



Short-URL

www.blum.com/21OHG4

Order information

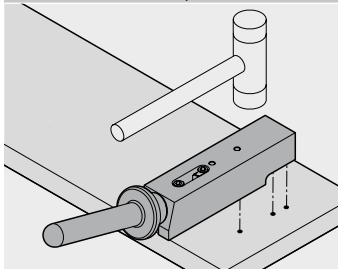
Insertion tool	Part no.
TANDEMBOX (ZSF.5320)	ZME.5320
TANDEMBOX (ZSF.3602.02)	ZME.2700
METABOX (ZSF.1300 ZSF.1600 ZSF.1800)	ZME.1600.01
METABOX (ZSF.1610)	ZME.1610

Composed of:

- 1 x Insertion tool

Assembly possibilities

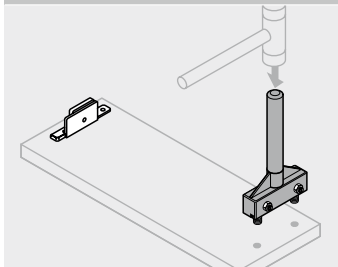
TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus



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

Marking template for AVENTOS HK top front fixing bracket



- Template for marking the fixing positions of front fixings
- Material: nylon/steel


Assembly possibilities

AVENTOS HK top

Page instructions

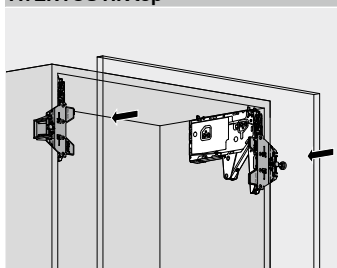
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Order information

Description	Part no.
 Marking template for AVENTOS HK top front fixing bracket	ZML.2200

Assembly possibilities

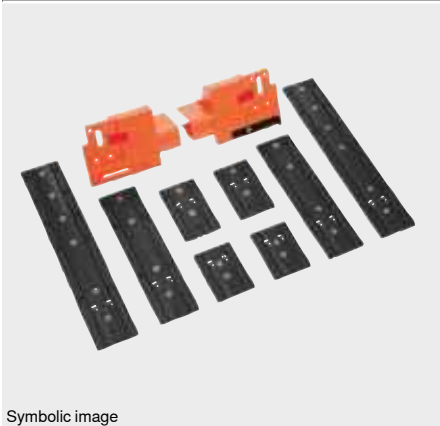
AVENTOS HK top



Front assembly

- Clip marking template on the installed AVENTOS HK top lift mechanism
- Set stop to desired front overlay
- Position front and mark front fixing positions with a light tap

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

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Application video



Short-URL

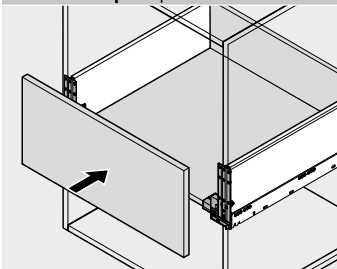
www.blum.com/Oy7Tx

Order information

Description	Part no.
 Marking template for LEGRABOX	ZML.3710

Assembly possibilities

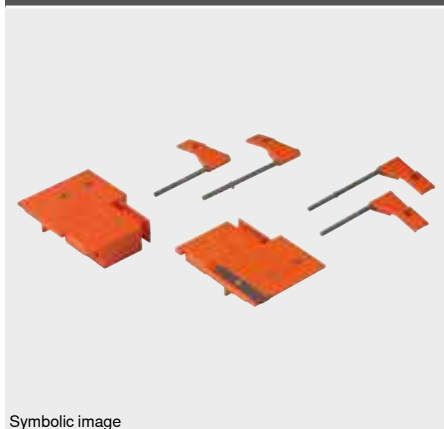
LEGRABOX pure | LEGRABOX free



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

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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 Flag¹

¹ Only for TANDEMBOX L drawer side (front fixing bracket)

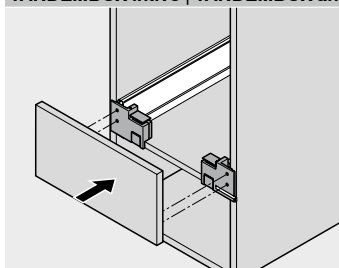
¹ Only for TANDEMBOX K drawer side (positioning dowel)

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

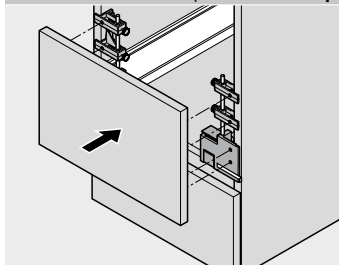
TANDEMBOX intivo | TANDEMBOX antaro | TANDEMBOX plus | METABOX



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

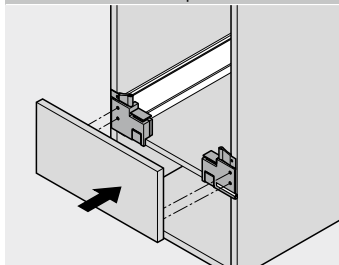
TANDEMBOX antaro | TANDEMBOX plus | METABOX



Front assembly – box system 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

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 top
- AVENTOS HK-S
- AVENTOS HK-XS
- CLIP top

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Application video



Short-URL

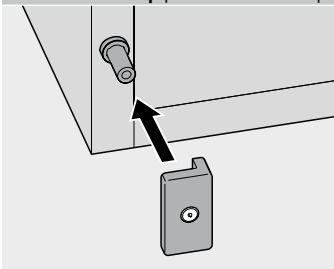
www.blum.com/1dlH7q

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 top | 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



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

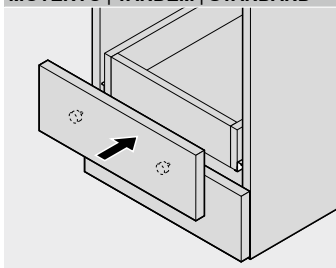
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Order information

Description	Part no.
 Marking template	65.2950
Composed of:	
– 1 x Marking template Ø 20 mm	

Assembly possibilities

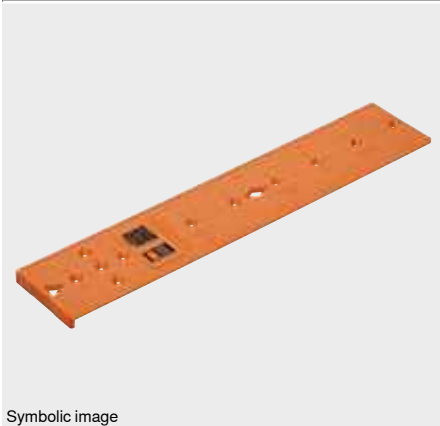
MOVENTO | TANDEM | STANDARD



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

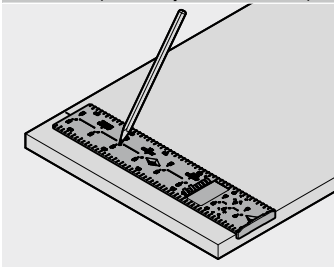
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Order information

Description	Part no.
Universal marking template	65.5340.01
Composed of:	
– 1 x Universal marking template	

Assembly possibilities

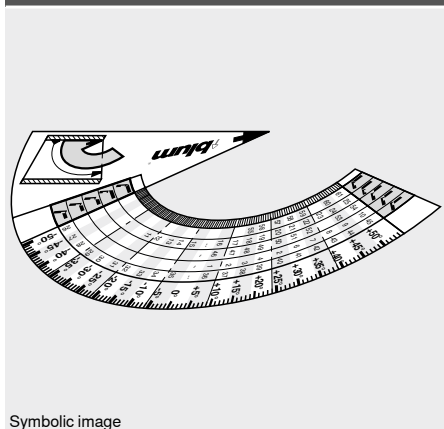
AVENTOS | CLIP top BLUMOTION | CLIP top | MODUL | LEGRABOX | TANDEMBOX | METABOX | MOVENTO | STANDARD | TANDEM



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

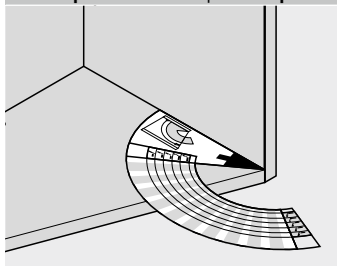
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Order information

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 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

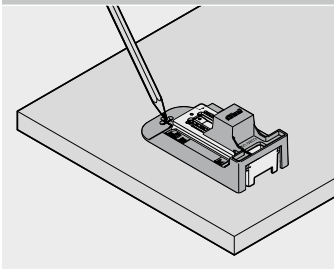
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Order information

	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

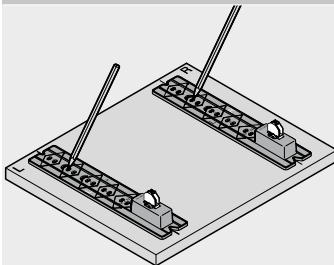
LEGRABOX



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

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

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Order information

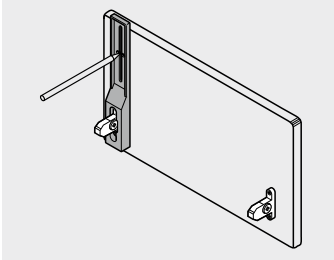
Marking template	Part no.
TANDEMBOX	ZML.8030
METABOX	ZML.805S

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

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

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Application video



Short-URL

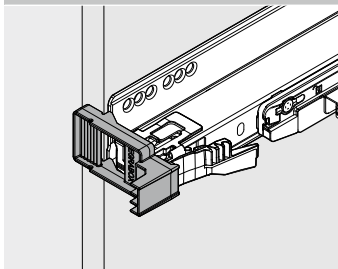
www.blum.com/eNY0MYty

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

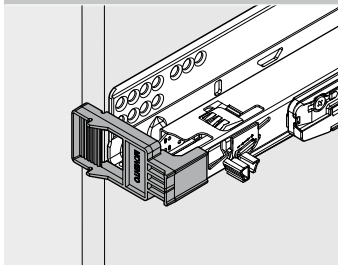
LEGRABOX



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

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Application video



Short-URL

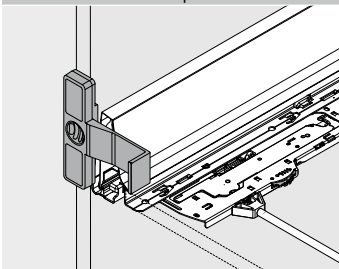
www.blum.com/2OZ7GMtd

Order information

Description	Part no.
 Front gap template for TANDEMBOX	65.5627
Composed of:	
– 1 x Front gap template for TANDEMBOX	

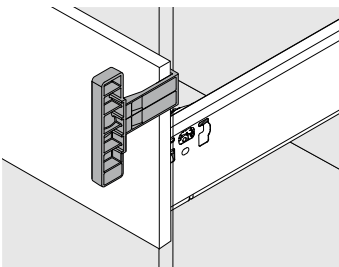
Assembly possibilities

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

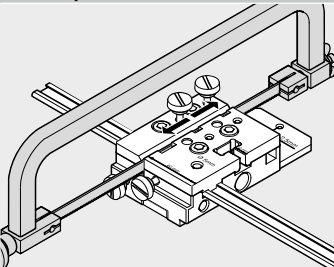
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Order information

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



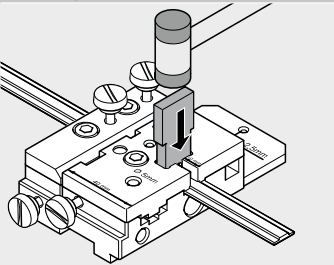
Cutting locking bar and synchronisation linkage to size

- 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

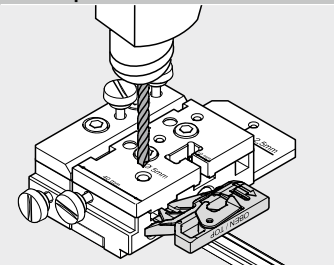
Further products



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 \varnothing 5 mm hole for attaching the end cap in the locking bar
- Position template in cabinet and pre-drill \varnothing 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

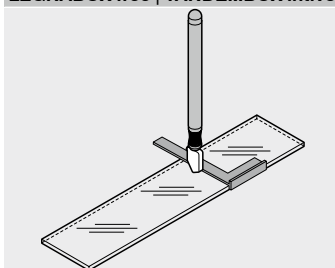
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Order information

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



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.

Thus, over the course of time, we can satisfy your customer's needs and offer a range of new products.

General Information



Lift systems



Hinge systems



Box and runner systems



► **General Information**

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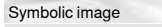
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► **Information about hinge systems**

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Pictograph

	Overlay application		
	Dual application		
	Inset application		
	Angled application inset		
	Angled application half overlay		
	Angled application overlay		
	Angled application max. overlay		
	Angled application mitred		



General assembly, application and user instructions

Our products are subject to strict quality control procedures through all stages of production. Blum furniture fittings are designed for furniture and internal furniture parts made from wood, chipboard or MDF. When assembling the fittings, attention must be paid to the technical data, instructions and limitations detailed in the Blum sales documentation (catalogues, instruction leaflets etc.).

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.

Anyone selling Blum fittings must ensure that their customer is aware of any relevant information given in this catalogue. The Blum sales team will be happy to provide further information or instructions if required.

Page instructions

Area of application – EXPANDO T

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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.

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

The SERVO-DRIVE drives for opening | closing lift systems, doors and pull-outs are subject to the provisions of the European Machinery Directive 2006/42/EC. Based on the guide to application of the Machinery Directive (Edition 2.2), Blum drives are a complete machine. If SERVO-DRIVE drives are fitted to furniture in accordance with the current Blum specifications (Blum catalogue, instruction leaflets and installation instructions), all the requirements of the Machinery Directive are covered by the Blum declaration of conformity. If the furniture deviates from the Blum specifications, the conformity must be confirmed by the distributor of the furniture.

Note: the Machinery Directive applies to products placed on the market within the European Economic Area (EEA) + Switzerland + Turkey + North Macedonia. The requirements of other countries are covered by certifications.

Page instructions

Detailed information on the Machine Directive

Short-URL

www.blum.com/sd/guideline

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 86

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 750 753	Integrated lock-out stop
TANDEMBOX 578 576	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 560H 566H 550H	Lock-out stop integrated into locking device
TANDEM 560F 566F 550F	Lock-out stop integrated into locking device
TANDEM 561H 551H	Integrated lock-out stop
TANDEM 561F 551F	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	

Lift systems

<p>Durability 80.000 opening and closing movements</p>	<p>Static load test For simulating unintended overload when using fronts with handles</p>	<p>Lateral load test For ascertaining effect of side load</p>	<p>Slam open/slam shut test For simulating overload when opening and closing and for preventing the fronts from coming off</p>

Lift systems

Corrosion test
Based on DIN EN ISO 9227 and DIN EN ISO 6270-2 for simulating corrosion influences

Hinge systems

<p>Durability 200.000 opening and closing movements</p>	<p>Durability with 5 kg additional load For determining limit values for the fitting</p>	<p>Static load test 45° opening angle to simulate a load on the front in the lower base cabinet</p>

Hinge systems

<p>Dynamic load test With an additional vertical load of 20 kg for simulating an unintended load</p>	<p>Abuse test Horizontal load test for securing unintended overload</p>	<p>Corrosion test Based on DIN EN ISO 9227 and DIN EN ISO 6270-2 for simulating corrosion influences</p>	<p>Test front Weight of front approx. 6.5 kg</p>

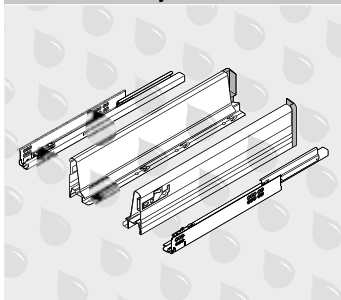
Box and runner systems

<p>Durability 100.000 opening and closing cycles, of which 30.000 cycles fully opened to the pull-out stop</p>	<p>Static load test Completely open with additional load to simulate a load on the front</p>	<p>Lateral load test For ascertaining effect of side load</p>	<p>Slam open/slam shut test For simulating overload when opening and closing and for preventing the fronts from coming off</p>

Box and runner systems

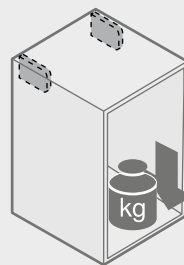
<p>Durability 100.000 opening and closing cycles, of which 30.000 cycles fully opened to the pull-out stop</p>	<p>Static load test Completely open with additional load to simulate a load on the front</p>	<p>Lateral load test For ascertaining effect of side load</p>	<p>Slam open/slam shut test For simulating overload when opening and closing and for preventing the fronts from coming off</p>

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)

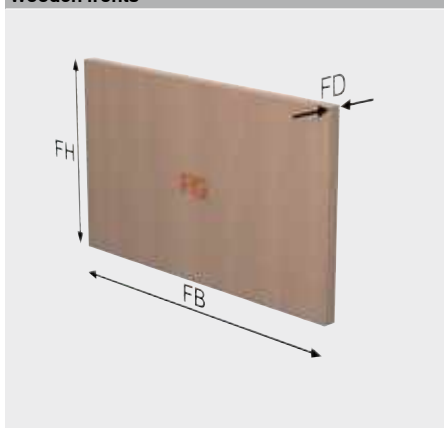
- 260 kg per pair of wall hanging brackets
- Duration of test: 8 days
- Catalogue specification: permissible total load 130 kg

Detailed testing standards and limiting values are defined in our internal guidelines



- ▶ Information about lift systems
- ▶▶ Reference values for door weights

Wooden fronts



FH	Front height
FB	Front width
FD	Front thickness
FG	Door weight

Calculating the door weight
 $FG \text{ (kg)} = FH \text{ (m)} \times FB \text{ (m)} \times FD \text{ (m)} \times \text{density (kg/m}^3\text{)}$

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/m ³	AVENTOS HK top HK-S HK-XS + double handle weight

Reference values for door weight FG (kg) without handle

Front height FH (mm)	Front width FB (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	

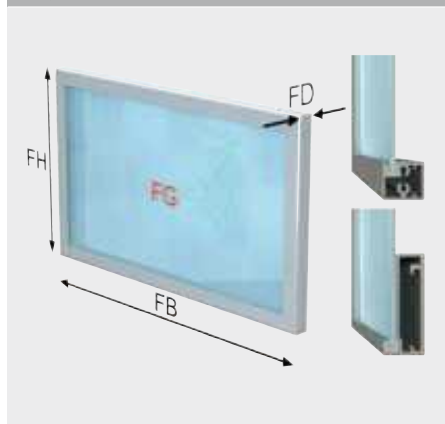
Reference values for MDF

Front thickness FD	19 mm	AVENTOS HF HS HL + handle weight
Density	760 kg/m ³	AVENTOS HK top HK-S HK-XS + double handle weight

Reference values for door weight FG (kg) without handle

Front height FH (mm)	Front width FB (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

$$FG \text{ (kg)} = FH \text{ (m)} \times FB \text{ (m)} \times FD \text{ (m)} \times \text{density (kg/m}^3\text{)}$$

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

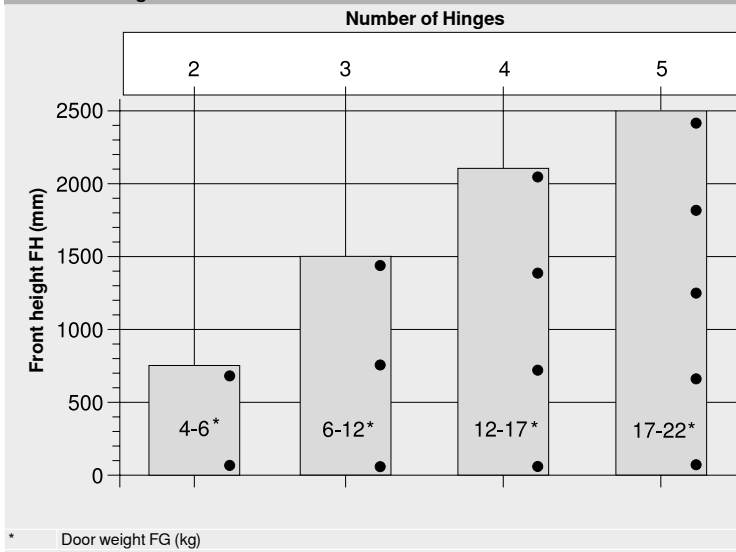
AVENTOS HK top | HK-S | HK-XS + double handle weight

Reference values for door weight FG (kg) without handle

Front height FH (mm)	Front width FB (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

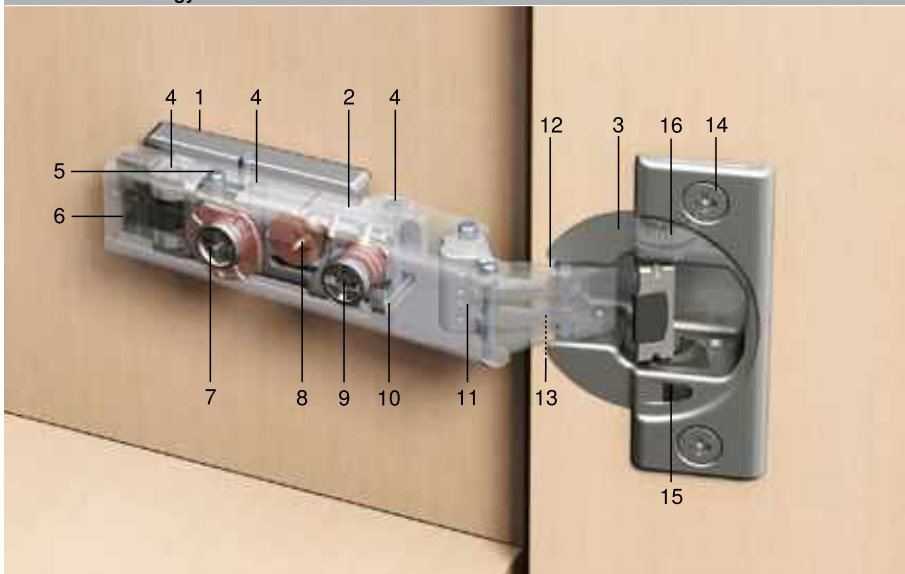


The number of hinges depends on the door weight and front height

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

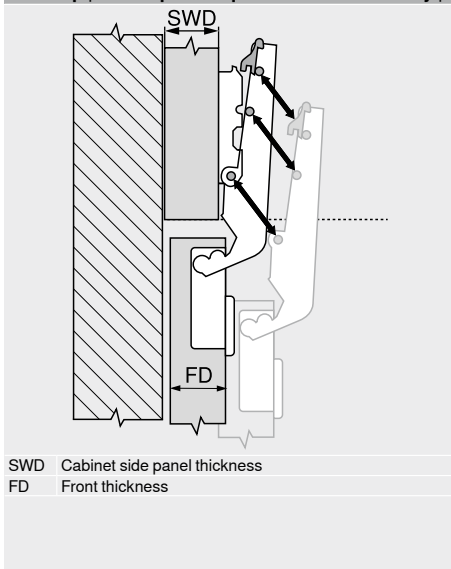
Parts and technology



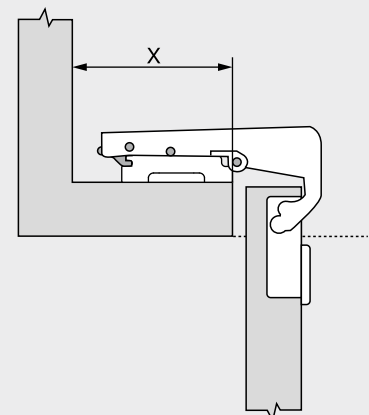
Composed of:

- 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 BLUMOTION – deactivation
- 16 BLUMOTION

CLIP top | CLIP: space requirement for assembly | removal



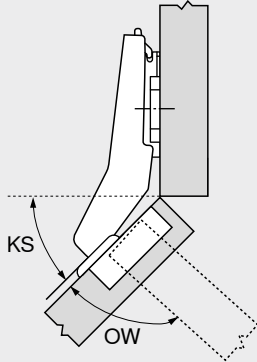
Opening angle OW	Front thickness FD max. (mm)			
	Mounting plate spacing MD (mm)			
	0	3		
	Cabinet side panel thickness SWD (mm)			
	16	19	16	19
100°	21	24	24	27
107°	20	23	23	26
110°	20	23	23	26
110° special hinge	18	21	21	24
120°	20	23	23	26
120° special hinge	18	21	21	24
125° 155°	9	12	12	15
170°	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

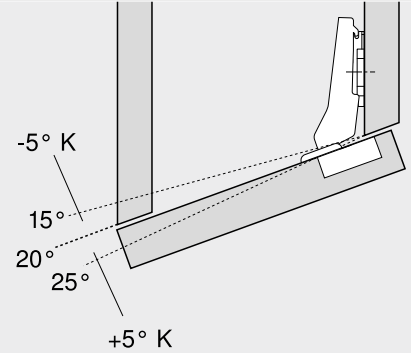


KS Cabinet angle = overlay application
 E.g. 45°
 OW Opening angle
 E.g. 95°

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 Angled spacer +5° / -5°

Applications

Inset application	Half overlay application	Overlay application	Maximum overlay application	Mitred application	How to achieve the relevant application:
					<ul style="list-style-type: none"> ■ Angled hinges ■ Mounting plate fixing ■ Angled spacers ■ Hinge adjustment ■ Mounting plate height
Outer edge of door and inner edge of cabinet are flush	Inner edge of door and inner edge of cabinet are flush	Outer edge of door and outer edge of cabinet are in a line	Dependent on hinge design	Inner and outer edges of door and cabinet are flush	

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	Dual application	Inset application
Straight hinge arm – 0 mm	Cranked hinge arm – 9.5 mm	Double cranked arm – 18 mm
SH Hinge arm height SL Hinge arm length FE Front protrusion	SH Hinge arm height SL Hinge arm length FE Front protrusion	SH Hinge arm height SL Hinge arm length FE Front protrusion

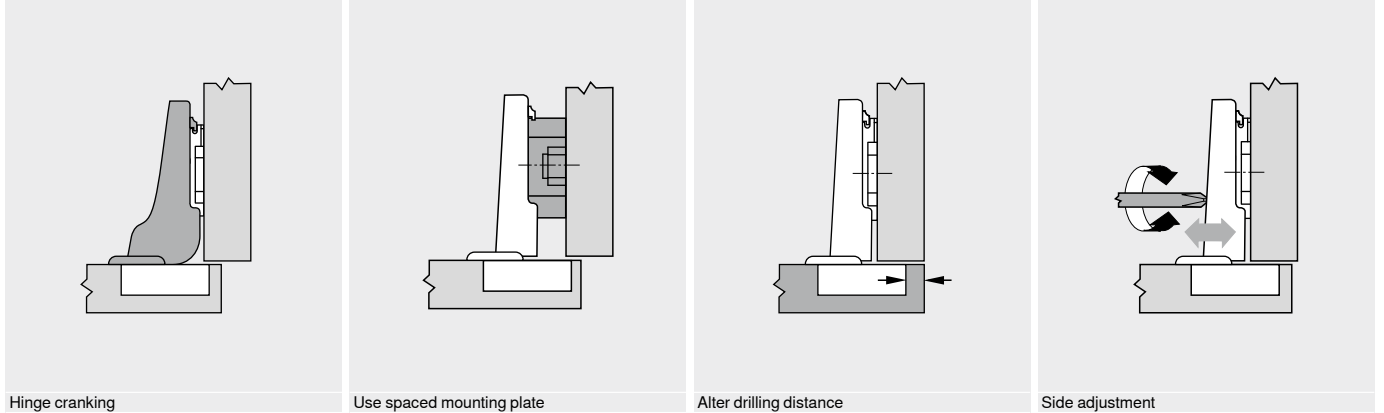
Installation dimensions

Overlay application	Dual application	Inset application
Straight hinge arm – 0 mm	Cranked hinge arm – 9.5 mm	Double cranked arm – 18 mm
FS Front gap TB Drilling distance TO Boss overlay (fixed dimension) FA Front overlay F Gap	FS Front gap TB Drilling distance TO Boss overlay (fixed dimension) FA Front overlay F Gap	TB Drilling distance TO Boss overlay (fixed dimension) F Gap

Hinge boss dimensions and drilling patterns

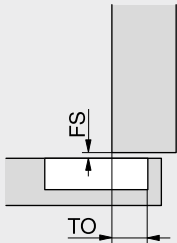
Screw-on	INSERTA knock-in	Hinge boss dimensions
BT Drilling depth TB Drilling distance DT Diameter of hinge boss drilling	BT Drilling depth TB Drilling distance DT Diameter of hinge boss drilling	FLB Flange width FLH Flange height PB Space requirement

How to alter the front overlay



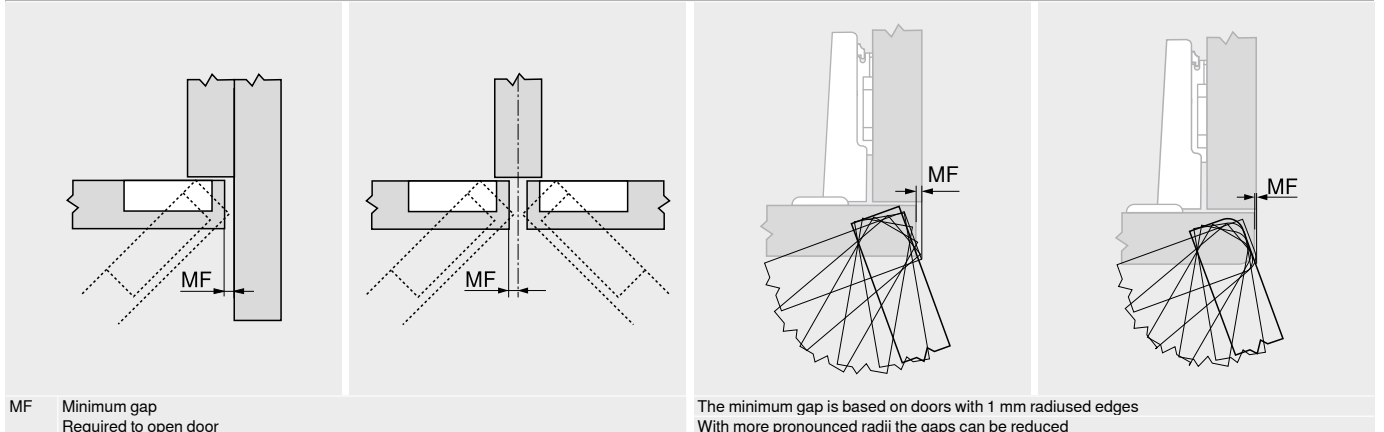
Factory setting | zero position for overlay application | adjustment area

	CLIP top BLUMOTION CLIP top CLIP	MODUL	Tolerance
Boss overlay TO (mm) Fixed dimension	100°–170°	11.0	11.0
	110° 120° special	13.0	–
	Profile/thick door	11.0	–
Adjustment area (mm) Page	Mini glass door	10.0	Refrigerator door
	100°–170°	±2.0	100°
Front gap FS (mm)	Profile/thick door	±2.0	–
	CRISTALLO thin doors	±2.0	–
	Mini glass door	+0.5 / –3.5	Refrigerator door
Adjustment area (mm) Depth	CLIP top BLUMOTION CLIP top	1.5	–
	CLIP	1.2	–
	CLIP top BLUMOTION CLIP top	–2 / +3	100°
	CLIP	–1 / +3	Refrigerator door
	Mini glass door	±2.0	–



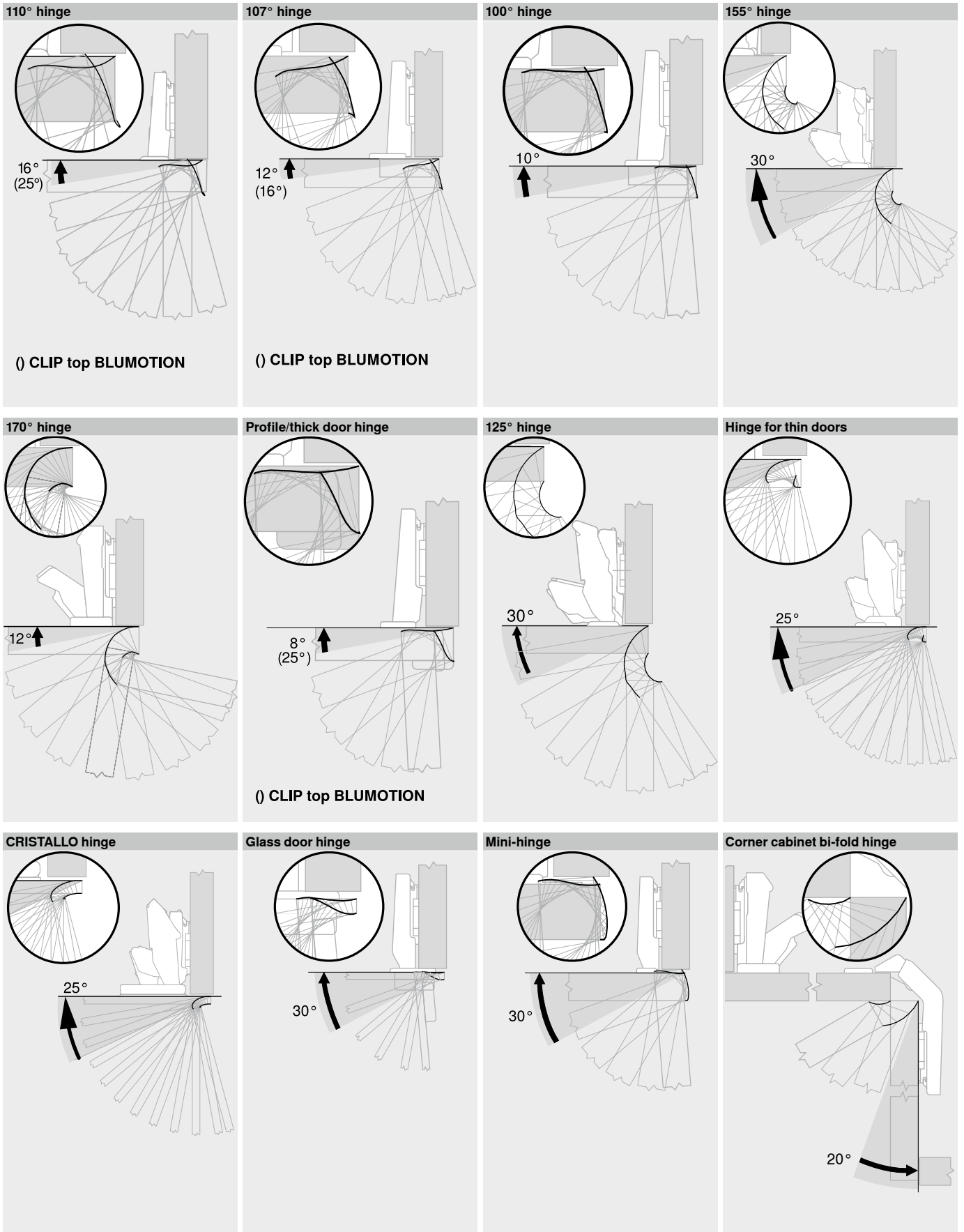
FS Front gap
TO Boss overlay (fixed dimension)

Minimum gap



MF Minimum gap
Required to open door

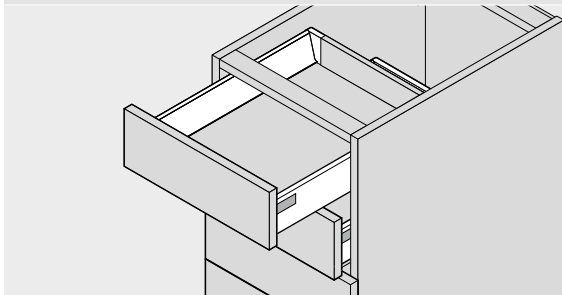
The minimum gap is based on doors with 1 mm radiused edges
With more pronounced radii the gaps can be reduced



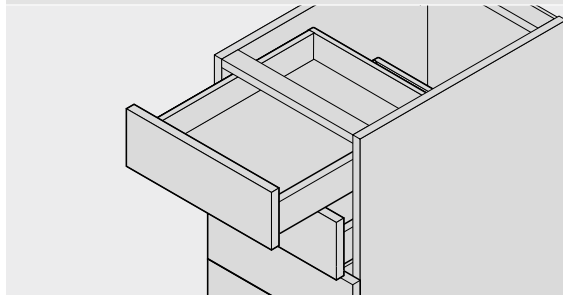
Note
 The maximum opening angle can be limited depending on the door shape, door thickness and hinge setting



Metal drawer side drawer



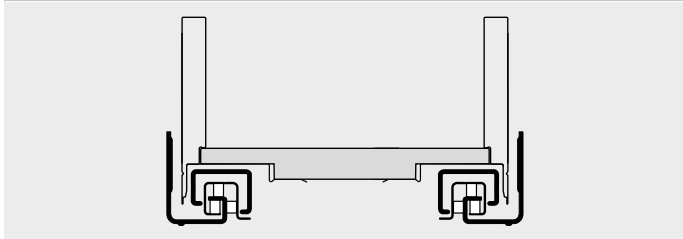
Wooden drawer



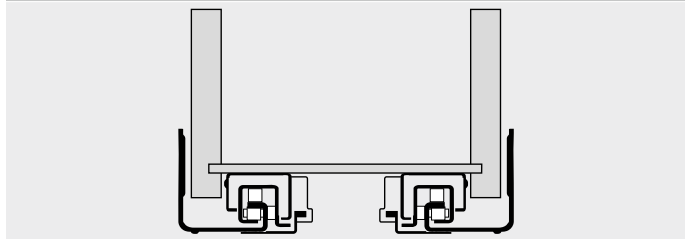
Concealed

Full extension

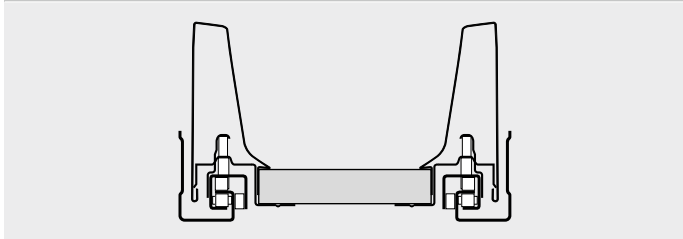
LEGRABOX 750 | 753



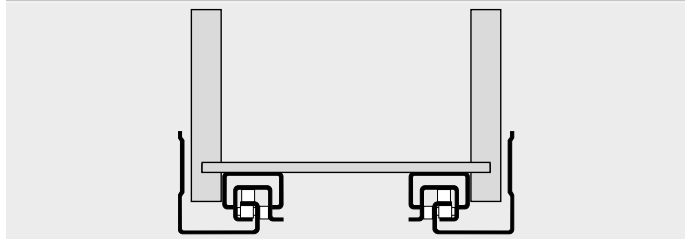
MOVENTO 760H | 766H



TANDEMBOX 578 | 576

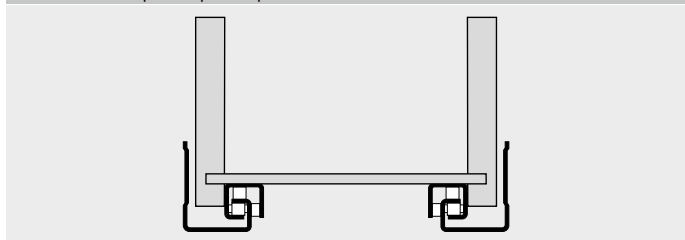
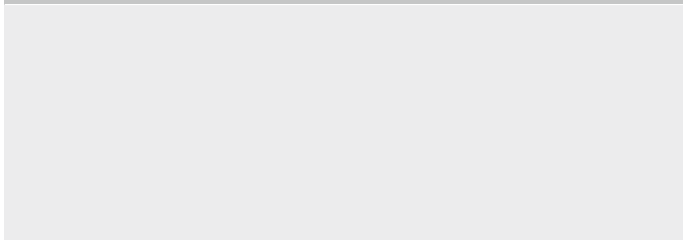


TANDEM 560H | 566H | 561H | 560F | 566F | 561F



Single extension

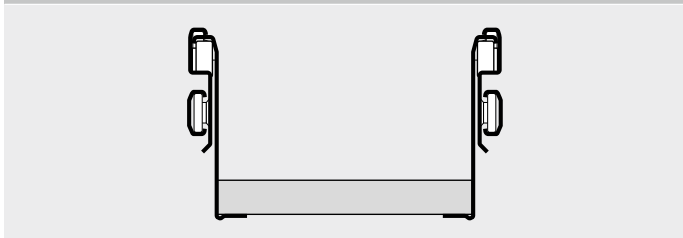
TANDEM 550H | 551H | 550F | 551F



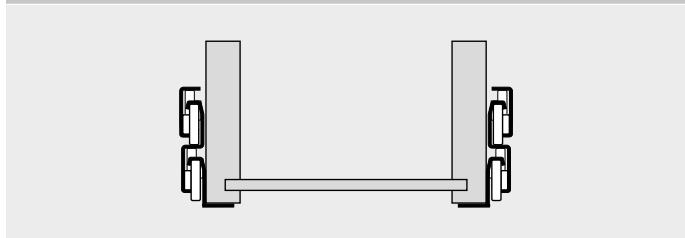
Visible

Full extension

METABOX 330

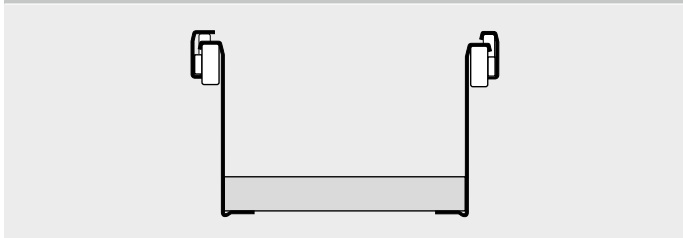


STANDARD 430

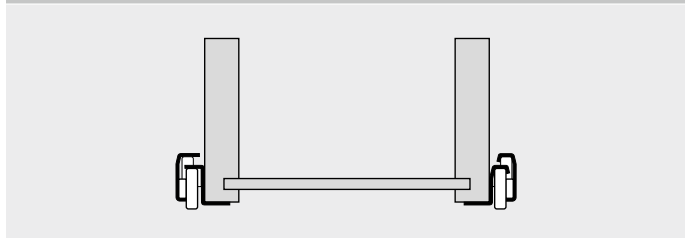


Single extension

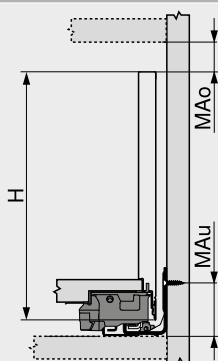
METABOX 320



STANDARD 230

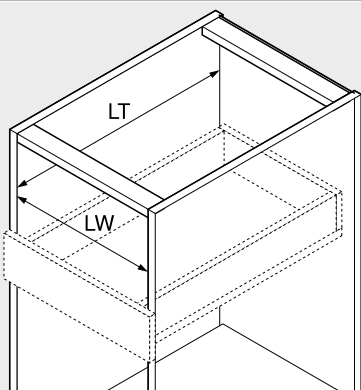


Space requirement in cabinet



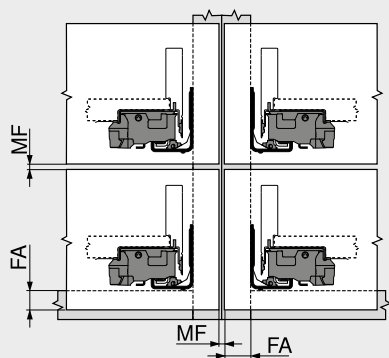
H Drawer side height
 MAo Min. distance top
 MAu Min. distance bottom

Cabinet dimensions



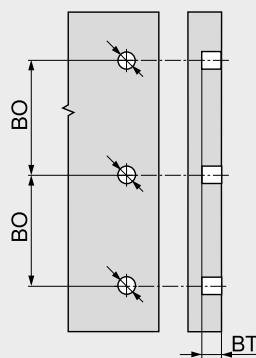
LW Internal cabinet width
 LT Internal cabinet depth

Front overlay | min. gap



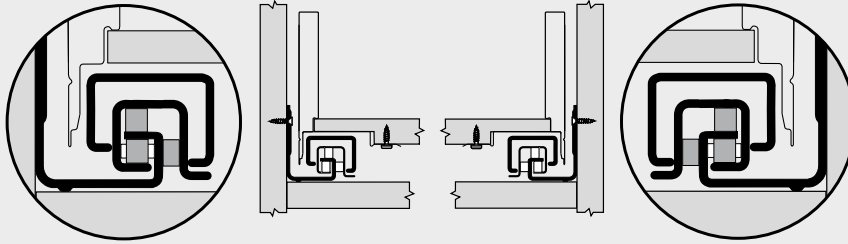
MF Minimum gap
 FA Front overlay

Drilling pattern – front fixing bracket



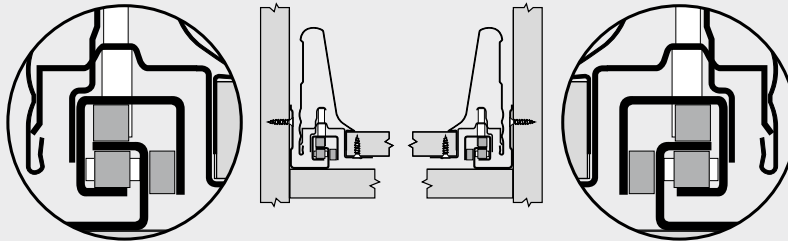
BT Drilling depth
 BO Drilling distance

LEGRABOX



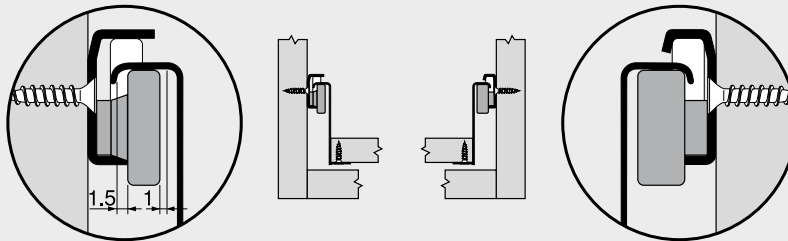
Built-in tolerance compensation ± 1.5 mm

TANDEMBOX



Built-in tolerance compensation ± 1.5 mm

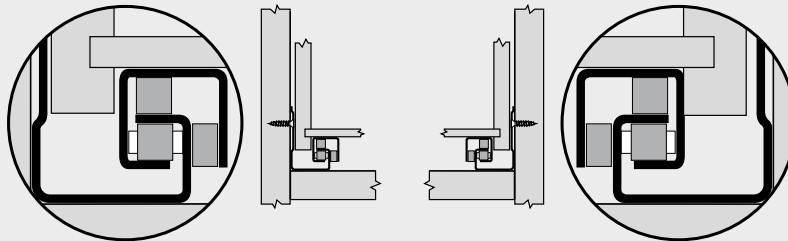
METABOX



Left tolerance compensation $+1.5 / -1$ mm

Right guided

MOVENTO | TANDEM

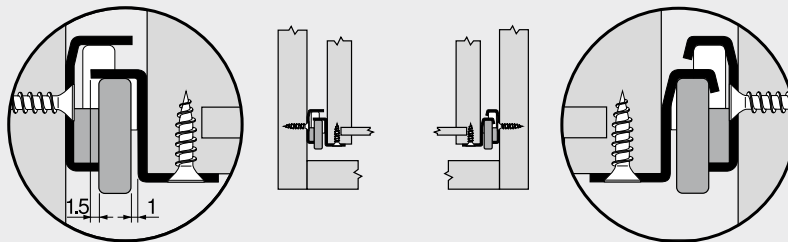


Left tolerance compensation $+1.5 / -0$ mm ¹

Right guided

¹ 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

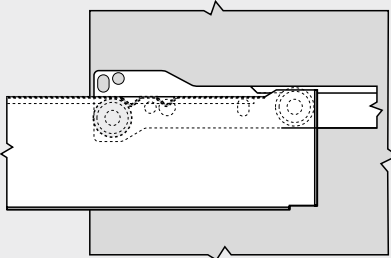
STANDARD



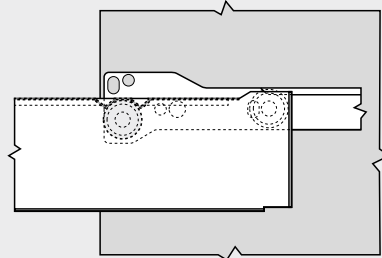
Left tolerance compensation $+1.5 / -1$ mm

Right guided

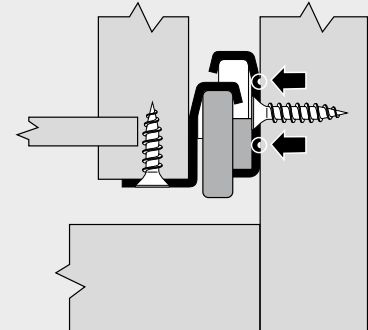
Stop design and screw head protection for roller runners



Standard pull-out stop at first indentation



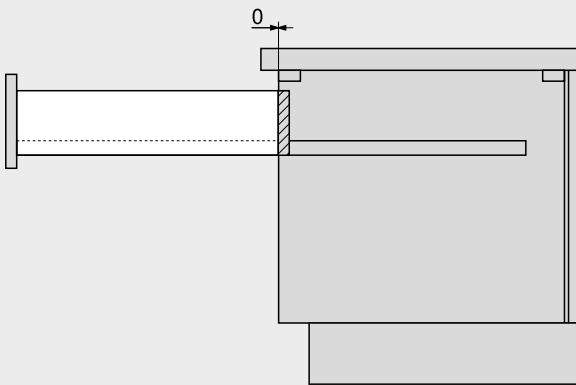
Lock open position (e.g. for cleaning of drawer), roller locates between 1st and 2nd indentation



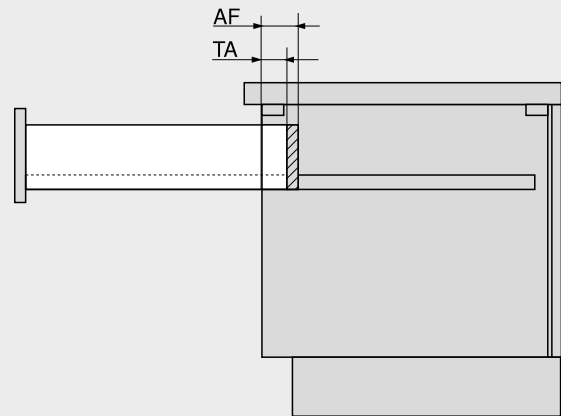
Spacing beads prevent rollers from fouling protruding screw heads

Loss of extension

Full extension

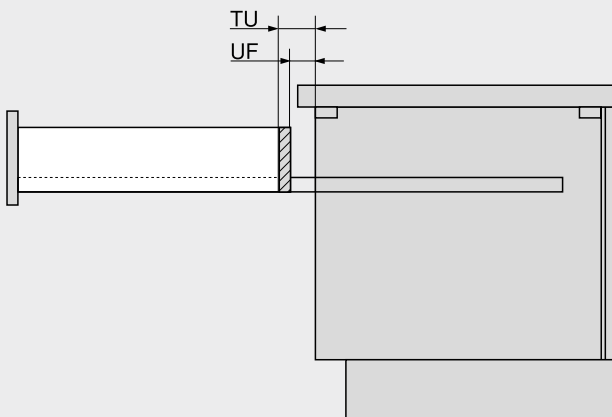


Single extension



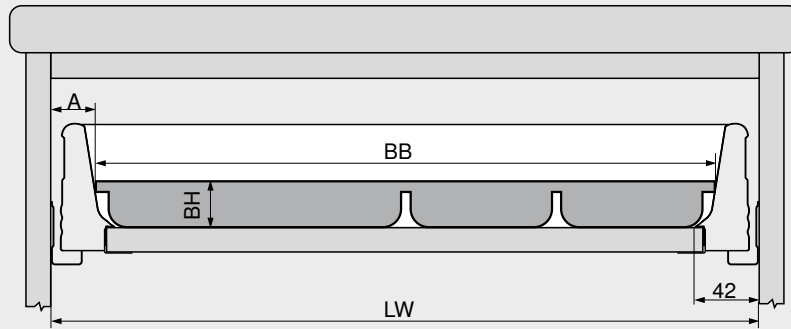
AF Loss of extension of runner system
 TA Actual loss of extension

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 cutlery insert

Height BH as desired

Length = nominal length of drawer side – 26 mm

Width BB = internal cabinet width LW – 2 x A

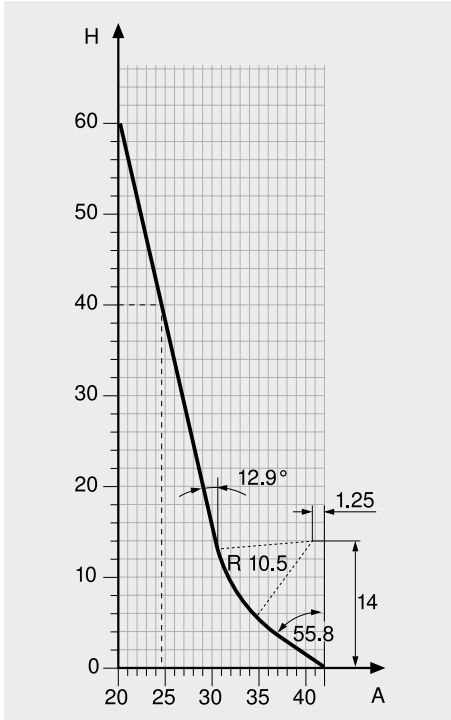
Example – height of drawer side M

Cutlery insert height BH = 40 mm

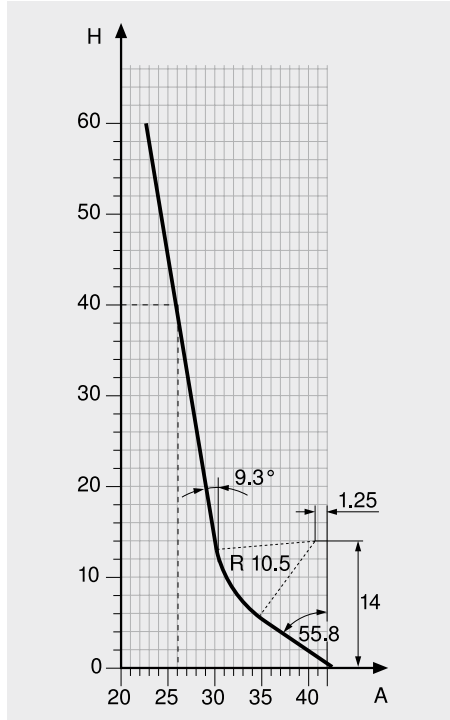
Internal cabinet width LW = 330 mm

Cutlery insert width BB = 330 – 2 x 26 = 278 mm

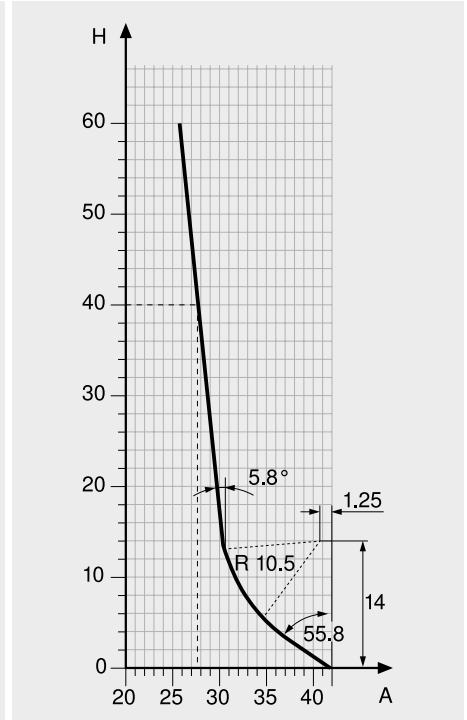
Height of drawer side N



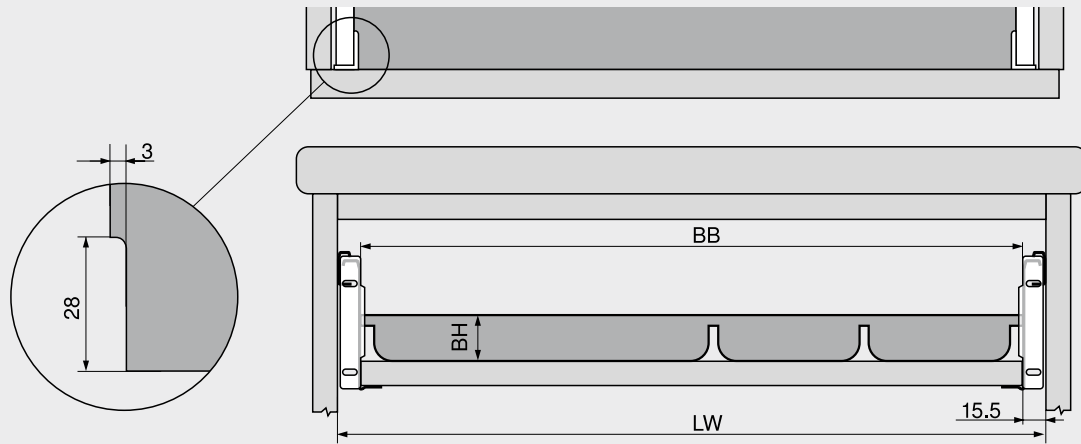
Height of drawer side M



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)

U		Market		H		Market		
		Bahamas	Libya ¹			India		
		Barbados ¹	Mexico					
		Belize ¹	Nicaragua					
		Bermuda	Oman ¹					
		Bolivia ¹	Panama					
		Caiman Islands	Peru ¹					
		Cambodia	Philippines					
		Canada	Puerto Rico					
		Columbia	Saudi Arabia ¹					
		Costa Rica	Sri Lanka ¹					
		Cuba	Taiwan					
		Dominican Republic	Trinidad and Tobago					
		Ecuador ¹	USA					
		El Salvador	Venezuela					
		French polynesia (Tahiti) ¹	Vietnam ¹					
	Part no.				Part no.			
	Z10NA30xy ²				Z10NA30xy ²			
	Z10T_3Wxy1 ³				Z10T_3Wxy1 ³			
	Z10NA30xyF ⁴				Z10NA30xyF ⁴			
¹	More than one input adapter can be used (depending on the house wiring)							
²	SERVO-DRIVE uno for bottom mount waste bin solutions							
³	SERVO-DRIVE uno for top mount waste bin solutions							
⁴	Blum plug-in transformer 12 W							
x	Network adapter							
y	Language package							
—	Cabinet width KB							



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Costa Rica	Eurocomponentes S.A. Pavas, de la Iglesia María Reina 125 Mts Sur, Bodegas More Park (Súper Salón), Sala # 29 San José, Costa Rica	Telephone Telephone E-mail Internet	+506 229 12 56 4 +506 403 02 24 8 ventas.cr@eurocomponentes.net www.eurocomponentes.net
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3 dimensional adjustment	Side, height and depth adjustment	78 210
4		
4 dimensional adjustment	Side, height and depth adjustment and tilt adjustment	378
A		
Actual loss of extension	Dimension from front of cabinet to the inside of the drawer back	679
Adapter plate	For fixing BLUMOTION and/or TIP-ON for doors	182 187
Adaptive dampening system	The adaptive dampening function adjusts itself to the closing speed and weight of the front	170
Aluminium frame door hinge	Hinges for aluminium frames with a frame width of 18–22 mm	102 104
AMBIA-LINE	Inner dividing system for LEGRABOX	502
Angled hinge	Hinge for angled cabinet sides, e.g. display cabinets or corner units	122 671
Anti-slip mat	The SPACE STEP step surface must be non-slip. This can be achieved by installing an anti-slip mat	546
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	334 342
Attachment for lock	Installed on the locking bar. The attachment ensures that the cylinder lock can engage in the locking system	552
AVENTOS HF	Lift system fitting for bi-fold lift systems	22
AVENTOS HK top	Lift system fitting for stay lifts	46
AVENTOS HK-S	Lift system for small stay lifts	56
AVENTOS HK-XS	Lift system for very small stay lifts	62 64
AVENTOS HL	Lift system fitting for lift ups	40
AVENTOS HS	Lift system fitting for up & over lift systems	34
B		
Base fixing	Assembly of runner on the cabinet bottom, screw fixing below	382 384
Base router	Machine for the precise assembly (notching) of the LEGRABOX base	618 634
Blind corner hinge	Hinges for blind corners	98 100 192
Blum dispenser rod	The film dispenser ensures crease-free removal of plastic film	528
Blum distance bumper	Distance bumper for SERVO-DRIVE – ensures the required trigger path to activate the drive unit	322 456
Blum distance bumper	Ensures lowering of the SPACE STEP step with a load greater than 8 kg	546
Blum plate holder	Ergonomic solution for storing plates in the high fronted pull-out	513 529
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)	25 538
Blum transformer 24 W	The transformer can be used worldwide. It converts the county-specific mains voltage to 24 V DC (direct current)	24 323 457 539
BLUMATIC	Self closing feature – drawer closes automatically over the last closing distance to prevent bouncing out if slammed shut	356 380 414 490
BLUMOTION	Thanks to BLUMOTION mechanical dampening, furniture closes silently and effortlessly no matter how quickly you close lift systems, doors or pull-outs or how heavy they are	170 180
BLUMOTION S	Cabinet profile or runner can be used for three different motion technologies with LEGRABOX and MOVENTO	204 208
BLUMOTION unit	BLUMOTION retrofit part for silent and effortless closing for METABOX and STANDARD	371
Boss drilling	Drilling in the door for attachment of the hinge boss	112 629 672
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	25 673
Bottle rack	Removable, easy-to-clean tray made from stainless steel	524
BOXCAP	Steel panel for drawer side to suit TANDEMBOX intivo	260

Term	Explanation	Page
BOXCOVER	Fixing brackets for design elements of LEGRABOX free TANDEMBOX intivo	226
		260
BOXFIX E-L	Assembly device for installing LEGRABOX drawers and high fronted pull-outs	610
		613
BOXFIX E-T	Assembly device for installing TANDEMBOX drawers and high fronted pull-outs	610
		614
BOXFIX P	Pneumatic device for assembling LEGRABOX TANDEMBOX drawers and high fronted pull-outs	610
		612
Bracket profile	The drive units are attached to the bracket profile	322
		456
Bracket profile adapter	For fixing the drive unit to the horizontal bracket profile	338
		470
Bracket profile attachment	For fixing the bracket profile in the cabinet	322
		456
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	322
		456
Branding element	An additional element that only satisfies the purpose of branding	48
C		
Cabinet Configurator	Configure entire cabinets, including fittings, online	562
Cabinet connectors	Connector for cabinet parts (cabinet sides, top and base, and cross rail, etc.)	544
		557
Cabinet profiles	Part of the box system that is installed on the side of the cabinet	208
		268
Cable end protector	Protection against contact – is inserted onto the open cable end	25
		323
		456
Cable holder	For tool-free fixing of the electrical cable to the cabinet	25
		323
		457
CABLOXX	Blum locking system adding an extra layer of security to furniture	544
		552
CAD/CAM data service	Download CAD and CAM data as individual geometry, entire functional unit for data package (2D/3D)	16
		566
Cam height adjustment	Infinitely variable and convenient height adjustment using cam	156
Centre bit	Drill bit to pre-drill for chipboard screws	70
		638
Centre marking stop	Ruler stop with height adjustable zero position for special drilling functions e.g. angled work pieces	582
Child safety latch	Prevents accidental opening	368
		665
Chipboard screws	Screws for chipboard with corresponding thread	70
		156
Chuck	Sleeve for fixing to drill bit	585
CLIP	Hinge system with CLIP mechanism	84
CLIP adapter plate	CLIP adapter plates are used with AVENTOS HF fittings in combination with narrow alu frames	28
		32
CLIP mechanism	Mechanism for simple and tool-free hinge assembly	72
		74
		670
CLIP top	Hinge system with reliable functionality teamed with high levels of adjustment and assembly ease	72
		78
CLIP top BLUMOTION	Hinge system with maximum ease of use and integrated BLUMOTION	72
		78
CLIP top centre hinge	It is positioned between the upper and lower front of an AVENTOS bi-fold lift system	25
		32
COMBOX	For preventing front collisions when using SERVO-DRIVE in corner situations	351
		487
Connecting node	This connecting node establishes the electrical connection between the distribution cable and the drive unit/Blum transformer	24
		323
		456
Contoured profile	To simplify cleaning of METABOX drawers	369
Corner cabinet bi-fold hinge	Special hinges for corner cabinets with bi-fold doors	118
Corner connector	Plastic connector to connect horizontal profile, vertical support and step together for SPACE STEP	546
Cornice	The cornice is found on the top edge of wall cabinets	34
		38
		40
		44

Term	Explanation	Page
Cover caps	The cover cap fulfils the covering function	24
		166
		358
Cranking CRISTALLO	Cranking of hinge arm to achieve dual or inset application See "CRISTALLO" furniture hinges for glass and mirror doors	673
		108
		110
Cross divider connector Cross divider for cutting to size Cross gallery	Connection between cross dividers and gallery, BOXSIDE, BOXCAP or BOXCOVER Has an alu profile and can be cut to size using a circular saw Cross dividers using a gallery system	146
		524
		524
Cross stabiliser	Ensures sufficient stability when using AVENTOS HS and AVENTOS HL	220
		509
		525
Cruciform mounting plate	The hinge arm is fixed to the cross shaped mounting plate	37
		42
		25
Cylinder Cylindrical nylon roller runners	For locking the cabinet. Warning: is not included in Blum scope of delivery Runner elements made of high impact nylon in the LEGRABOX TANDEMBOX box systems and MOVENTO TANDEM runner systems	121
		156
		158
D Depth adjustment Design element	For adjusting the front front position relative to front of cabinet. For adjusting the door gap Design element for LEGRABOX free TANDEMBOX intivo TANDEMBOX antaro	552
		408
Dispenser	Cutting unit for plastic film or alu foil	119
		242
		260
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)	300
		513
		529
Drawer profile Drawer sides Drilling depth Drilling depth spacer Drilling distance	Part of the runner system that is connected to the pull-out Metal or wooden drawer side Drilling depth for hinge boss, mounting plates or front fixing parts Makes it possible to have the same drilling pattern for work pieces of varying thickness Or boss drilling distance, measurement from edge of workpiece to edge of drilling	25
		323
		456
Drilling distance TB	The distance from the front edge to the start of the boss drilling	490
		208
		555
Drilling head Drilling pattern	Gearbox with several spindles. Available for various drilling patterns Several drillings together result in the appropriate arrangement for fixing fittings such as hinges, front fixing brackets, etc.	613
		209
		553
Drilling template Drilling template	Template for securely and accurately drilling or marking fixing positions 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	26
		79
		191
Drive unit	SERVO-DRIVE drive units open lift, box and runner systems as well as refrigerators, freezers and dishwashers	576
		324
		627
Dual application	With half overlay application, two fronts open on a single central panel. Hinges are only installed on one side or both sides at different heights. This means that standard mounting plates can be used with standard screws dowels	672
		618
		619
Dynamic carrying capacity	Total load bearing of runner (drawer, base, front weight plus load) for day-to-day use	644
		645
		24
E E-SERVICES	Digital services for customers and partners, available online and free of charge. Register at: e-services.blum.com	322
		456
		538
EASY ASSEMBLY app	Assembly app with digital information for assembly and adjustment for smartphones and tablets	78
		672
		210
EASYSTICK ECODRILL	Drilling and insertion machines – new, automatic and easily adjustable ruler system Hand-held tool for accurately drilling the Blum hinge drilling pattern	562
		17
		568
End cap	For fixing locking units and spacers in the locking bar	565
		618
		627

Term	Explanation	Page
EXPANDO	Assembly with pre-mounted split dowels and special screws, for assembly by hand	24
		156
		208
EXPANDO T	Pre-assembled fixing system for thin fronts with a drilling depth of just 6 mm	48
		106
		144
		554
F		
Factory setting	Or zero position. Factory-set fittings, pre-set at defined door or front positions	79
		673
Finger safety	The CLIP top centre hinge features an integrated release mechanism which is activated if fingers are inadvertently trapped between fronts when closing the lift system	24
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	673
Fixing systems	System for fixing the fitting to the furniture	554
Flex	A electrical cable with a plug for the respective country must be used to connect to the local power grid	24
		323
		457
Frame door	Door with frame construction, usually made from solid wood	116
Front adjuster	For four-sided drawers for adjusting the front height and Left-Right position	448
Front connector set	Consists of magnet and catch plate and connects SPACE STEP with the step	546
Front fixing bracket	Front fixing component used to attach fronts to box and lift systems	37
		208
Front gap FS	Gap between door and cabinet front when door is closed, see TS dimension	673
Front gap template for LEGRABOX MOVENTO	Used to adjust the front gap precisely with ease	619
		658
		659
Front locking bracket	Together with the locking unit for tip protection, ensures closing function for CABLOXX	552
Front overlay FA	Amount by which the front covers the cabinet side/cabinet top panel and bottom	27
		79
Front protrusion	Distance by which door protrudes into the aperture of the cabinet when open	79
		109
Front radius	Front radius at front outer and front inner edge	67
		79
Front thickness FD	Door thickness	79
		670
Front/base stabiliser	To stabilise high fronts and support wide drawer bases	243
		323
Full extension	Pull-out element can be opened completely	266
		380
		490
G		
Gallery	Connecting rod between front and cabinet back	206
		230
		264
		286
Gap	Gap between door and cabinet front when door is closed	27
		79
		673
Glass door hinge	Hinge for glass doors, hinge fixing by drilling into the glass or adhesive	114
		148
		674
H		
Handle and latch	The latch connects the inner drawer to the pull-out front and enables both to be opened simultaneously	265
		270
Height adjustable mounting plate	Mounting plate with integral height adjustment, one-part over elongated hole, two part or cam	156
Height adjustment	Adjusts height position of front/door. Changes the gap between two doors or front overlay at the top and/or bottom	119
High fronted pull-out	Pull-out with a high front	206
Hinge arm cover cap	Decorative cover for hinge arm	218
		78
Hinge arm height	Height of hinge arm, including mounting plate with 0 mm spacing	164
		672
Hinge arm length	Length of hinge arm	672
		672
Hinge boss cover cap	Decorative cover cap designed to hide hinge boss fixing screws	78
		166

Term	Explanation	Page
Hinge boss spacing	Drilling depth is reduced via hinge boss spacing	78
		167
Horizontal mounting plate	Mounting plate for horizontal attachment to the cabinet, rectangular shape (sometimes referred to as in-line)	156
		572
Horizontal profile	Avoids sagging of the SPACE STEP step surface	546
I		
Inner drawer inner pull-out	Pull-out or drawer mounted behind a door or high fronted pull-out	212
		220
INSERTA	Assembly method for tool free attachment of fittings	25
		78
Insertion ram	Holds the fitting in place for machine insertion	78
		584
Insertion tool	Hand held tool for assembly of knock-in fittings	619
		646
Inset application	Front is set back flush between cabinet sides	647
		78
Integral die-cast cam	Offset pivot location, facilitates height adjustment	190
		672
Internal cabinet depth LT	Effective cabinet internal depth measured from front to back	558
		66
Internal cabinet width LW	Effective cabinet internal width	209
		677
Internal cabinet width LW	Effective cabinet internal width	37
		209
Internal cabinet width LW	Effective cabinet internal width	677
		677
K		
Kitchen accessory set	Set with all kitchen accessories (1 knife holder, 1 film dispenser, 1 foil dispenser, 2 plate holders, 2 spice holders)	530
Knife holder	Stores 9 knives of various sizes	513
		529
Knock-in boss	Hinge boss for knock-in assembly to door, via machine or special insertion tool	78
L		
Latch	Activating the BLUMOTION function for METABOX and STANDARD	356
		371
Latching element	Component in which the operating lever is engaged when the pull-out shelf is extended, preventing it from slipping	386
		444
Lateral divider	Adjustable to keep contents from slipping out of place	373
		509
LEGRABOX free	A straight, sleek box system with large design elements for various design variants	204
		206
		226
LEGRABOX pure	A straight, sleek box system with matt, metallic surfaces	204
		206
		208
		208
Lever arm	Lever arm for AVENTOS HS und HL, connects the lift mechanism to the front	36
		42
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	322
		328
		342
Lift mechanism	Assists the opening of AVENTOS with its spring package and variable stop	24
		573
Lock-open stop	Drawer can be locked into the open position	391
		492
Lock-out stop	Prevents accidental removal of drawer, either with additional part or integrated into system	369
		665
Locking bar	Installed in a groove on the side of the cabinet and used to fix the locking units and spacers. Can be cut to size for different heights and/or installation situations	552
		552
Locking device	Part connecting runner and pull-out	412
		552
Locking mechanism unit	CABLOXX – connection between locking bar and front locking bracket for the locking mechanism. MOVENTO TANDEM – component of the pull-out shelf lock for fixing the pull-out shelf on the runner system	386
		444
		444
Longside gallery rail	Can also be used for front tilt adjustment	495
M		
Manufacturer information sticker	In accordance with EN-14183 the manufacturer information sticker must be suitably visible on SPACE STEP	546
Marketing Media Library	Marketing documentation on Blum products is available here	17

Term	Explanation	Page
Marking template	To mark the fixing positions of fittings	619
		650
		651
Marking template	Template for determining the fixing positions for the INSERTA gallery	619
		657
Marking template for AVENTOS HK top front fixing bracket	AVENTOS HK top – template for the quick and easy marking of fixing positions of the front fixing bracket	619
METABOX	Single walled box system made of steel	649
METAFILE	Pull-out element for A4 sized hanging files in homes and offices	352
Min. tightening torque (Nm)	Correct tightening torque for fixing EXPANDO T for thin materials	370
		106
Mini-hinge	For fronts with narrow frames	555
		116
MINIFIX	The template is used to screw the METABOX and STANDARD cabinet profile on directly and ensure squareness	165
		618
Minimum gap	Minimal gap to enable front opening depending on the type of fitting and front thickness	638
		673
MINIPRESS M	Drilling and insertion machine operated using lighting current for the drilling and insertion of fittings	677
		570
MINIPRESS P	Pneumatic drilling and insertion machine for the drilling and insertion of fittings	596
		570
MINIPRESS top	Drilling and insertion machines that are easy to operate and adjust with added option of horizontal drilling	592
		570
Mitred applications	Application with a front with a bevelled edge	20
		88
MODUL	Hinge with slide-on and screw-on technology	188
		190
Mounting plate for dual application	The mounting plate is installed in the same position on both sides of the middle panel	157
		197
MOVENTO	Runner system with four-dimensional front adjustment and a dynamic carrying capacity of 40 and 60 kg	378
		380
N		
Nominal length NL	Drawer system length	208
Notched applications	Application with a front with a graduated edge	380
		20
		89
O		
Opening angle	Max. angle that a front can open	25
		78
		674
Opening angle stop	The maximum opening angle can be reduced using the opening angle stop	25
		78
ORGA-LINE	Inner dividing system for TANDEMBOX	373
		514
Output path	Drawer push-out distance with SERVO-DRIVE TIP-ON BLUMOTION TIP-ON	404
		414
Over extension	Pull-out can be extended beyond the front edge of the cabinet	679
Overlay application	Application where door overlays rather than insets cabinet side	79
		672
Overlay front	Front that overlays cabinet side	186
		325
		459
P		
Pivoting point pivoting system	Location of pivoting points in hinge. They determine the pivoting motion of the door when opened and closed	674
POSISTOP	Stop in track system, to relieve the strain on the front	369
Positioning and screwing template for latches	Template for easy assembly of latch for STANDARD with BLUMOTION	492
Power factor LF	Used to determine type & number of AVENTOS-lift mechanism for a given application	24
		64
Product Configurator	Configure Blum products online and obtain information on planning, ordering and assembly	562
Product Database	Access to current technical product information for planning and design	562
Profile/thick door hinge	Hinge for thick doors and doors with profile	92
Pull-out shelf lock	Mechanical solution for fixing locating a pull-out shelf when extended	10
Pull-out stop	Drawer is stopped in the fully open position. Prevents the drawer from moving in or out of the cabinet	679
Q		
Quick connect chuck	Chuck to hold drill bits, for use with quick connect sleeve	578

Term	Explanation	Page
Quick connect sleeve	Sleeve for fixing to drill bit to suit quick connect chucks	578
R		
Rear panel bracket	Plastic part for fixing the step on the SPACE STEP runner system	546
Refrigerator facade door hinge	Hinge for refrigerator sliding doors	189
		194
		198
Roller carriage runner	Runner element with load-bearing and side-supported nylon cylindrical rollers	378
Roller runner	Drawer runner that runs on nylon rollers	679
Ruler	Fencing system for work piece, calibrated in mm and designed to accept adjustable stops	578
Ruler system	Adjustable machine section designed for ruler attachment EASYSTICK	592
S		
Safety information	In accordance with EN-14183 safety information must be suitably visible on SPACE STEP	546
Screw-on boss	Hinge boss for screw fixing	73
		78
SERVO-DRIVE	Electrical motion support system for lift systems and pull-outs. Supports opening after the front is touched	24
		320
		454
		532
		536
SERVO-DRIVE cover cap for AVENTOS	The left cover cap is used to cover the lift mechanism, drive unit and distribution cable	24
		36
		42
		48
SERVO-DRIVE flex	Motion technology for the electric opening of handle-less built-in refrigerators, freezers and dishwashers	536
		538
SERVO-DRIVE switch	The SERVO-DRIVE switch communicates wirelessly with the drive unit of SERVO-DRIVE for AVENTOS and SERVO-DRIVE flex	24
		36
		539
Set-up plan	Data sheet that contains set-up information for assembly machines	576
Shelf – pull-out shelf	Drawer base mounted on runner system for pulling out	10
		384
		387
		445
		445
Side adjustment	For adjusting the front Right-Left position. For changing the side gap between two fronts	119
Side stabilisation	Additional product for improving side stability; ideal for wide pull-outs with short nominal lengths	244
		447
Single extension	Pull-out cannot be extended all the way out of the cabinet due to the runner stop position	356
		418
		492
		679
Sink cabinet	Makes the best possible use of the space available under the sink	232
		292
SPACE CORNER	User-friendly ergonomic corner cabinet solution	261
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	26
		208
SPACE STEP	Plinth solution consisting of step and pull-out underneath	546
SPACE TOWER	Larder unit with pull-outs to be individually opened allows for access on three sides and removal from above	238
		296
SPACE TWIN	Stable application of drawers in narrow base units	240
		298
Spacer	Spacer that can be cut to size for flexible positioning of locking units	552
Spacer strip	For the assembly of pull-out runners for SPACE STEP	546
		550
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	156
		196
Special system screws	Screw for 5 mm system drilling with a special screw head	160
		371
Spice holder	For storing spice containers of different sizes	513
		530
Spiral screw	Adjustment screw in hinge arm for infinitely variable depth adjustment	670
STANDARD	Runner system with roller runner for wooden drawers and pull-outs	488
		490
Support feet	Adjustable plastic feet in the SPACE STEP vertical support	546
Swivel stop	Adjustable stop located on the ruler of an assembly machine	578

Term	Explanation	Page
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	248
	TIP-ON BLUMOTION: Connection linkage that ensures reliable opening of TIP-ON BLUMOTION even for pull-outs with high and wide fronts	398
	TIP-ON: Connection linkage that ensures reliable opening for pull-outs in combination with the TIP-ON mechanical opening support system	
Synchronisation cable	Two drive units for drawer systems that are required to open simultaneously must be connected via the synchronisation cable	323 351
Synchronised feather-light glide	Interaction between drawer profile and lower carriage system for LEGRABOX TANDEMBOX box systems and MOVENTO runner systems	378
SYNCROMOTION	Fascinating front motion technology for SPACE CORNER: When opened, fronts fold inward, preventing them from fouling the neighbouring cabinet	264
System screws	Screws for 5 mm system drilling	70
		157
T		
TANDEM	Runner system with feather-light glide for wooden pull-outs and drawers	408
		412
TANDEM 19 mm	TANDEM runner system for wide drawer sides of 17–19 mm	411
		428
		202
TANDEMBOX	Metal box system offering a range of design possibilities based on a common cabinet profile	
TANDEMBOX antaro	Box system with rectangular gallery and minimalist design	262
		266
TANDEMBOX intivo	Box system with customisable design element or metallic BOXCOVER	260
TANDEMBOX plus	Box system with a round gallery or closed drawer box	310
Telescopic arm	The telescopic arm for AVENTOS HF – connects the lift mechanism with the bottom front	24
		573
Template	Template for drilling the fixing positions for mounting plates	618
Templates	Used to support the assembly of all Blum products	630
		618
Thin fronts	Fronts with a thickness of between 8 and 14 mm	620
		106
		144
Tilt adjustment	Angle adjustment of a front	554
		38
		210
		380
TIP-ON	Mechanical opening support system for lift, hinge and drawer systems	412
		52
		184
		254
TIP-ON BLUMOTION	Mechanical opening support system for drawer systems, combined with soft and quiet closing. Pull-outs open with just a single touch of the front. Closes softly and quietly with a gentle push	414
		248
		312
		396
TIP-ON BLUMOTION unit	There are various versions available tailored to weight range and nominal lengths	250
		314
		398
		678
Tolerance compensation	Tolerance adjustment in the runner system	
Transformer unit housing	The transformer is easily and securely stored in the transformer unit housing	24
		325
		457
Trigger guidance	For a transition-free opening motion when using SERVO-DRIVE	322
		328
		338
Trigger path	The trigger path is required to trigger the opening motion	324
		458
Trigger range	Area on the front where pressing triggers SERVO-DRIVE, TIP-ON BLUMOTION and TIP-ON and thereby opening	405
		415
Twin application	For dual application, two fronts open on a single central panel. The hinges are mounted directly opposite, thus requiring mounting plates with short screws dowels	157
U		
Universal drilling template	Template for marking or pre-drilling the fixing positions for front fixings	618
		625
Universal drilling template	Template for pre-drilling the fixing positions for cabinet profiles, lift mechanisms, mounting and adapter plates	618
		643
		618
Universal individual template	Template for pre-drilling the fixing positions for cabinet profiles, lift mechanisms, mounting and adapter plates	624



- ▶ General Information
- ▶▶ Glossary

Term	Explanation	Page
V		
Variable stop	AVENTOS remains in any desired position	24
Vertical support	Aluminium profile that can be cut to size to make the SPACE STEP feet	546
W		
Wall hanging bracket	Nylon housing with steel arm	544
		556
Wide angle hinge	Hinge with an opening angle of more than 150°	156
Work table	Support for work piece	577
Z		
Zero position	Factory-set fittings, pre-set at defined door or front positions	673



Term	Explanation	Page
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KA-140/3EN-AT/11.20
IDNR 000.000.0

