



AVENTOS HK top

Technical data sheet

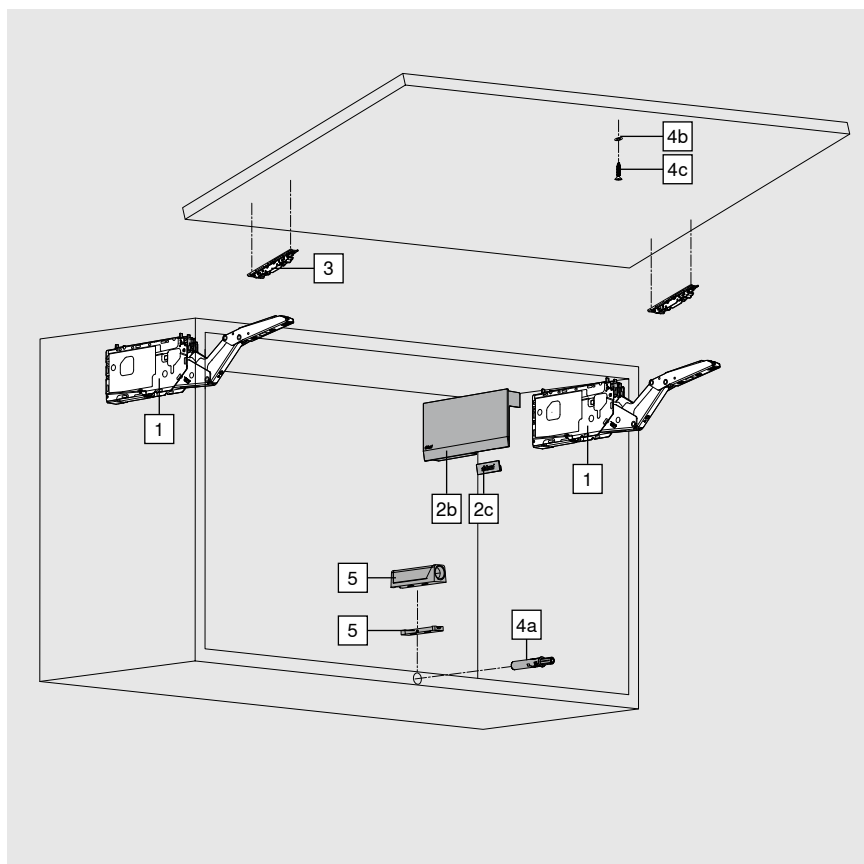
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AVENTOS HK top



Order specification



- Ideal for low cabinet heights in wall cabinets, in tall units and over the refrigerator
- Cabinet height 205–600 mm
- Cabinet width up to 1800 mm
- Soft and effortless closing thanks to BLUMOTION
- Light operating forces
- Balanced, top quality motion with a variable stop
- Tool-free assembly
- 3-dimensional front adjustment
- Simple, infinitely variable lift mechanism adjustment
- No hinges required
- Integrated safety mechanism
- Integrated infinitely variable opening angle stop
- TIP-ON for handle-less stay lifts
- For drilling or in combination with adapter plates



Power factor (LF) = cabinet height (KH) [mm] x front weight incl. double handle weight [kg]

- Standard
- TIP-ON

Order specification

1	Symmetrical lift mechanism with pre-mounted system screws					
	Power factor	OW Standard	OW TIP-ON		Standard	TIP-ON
	420–1.610	75°–107°	75°–107°	2 x	22K2311	22K2311T
	930–2.800	75°–107°	75°–107°	2 x	22K2511	22K2511T
	1.730–5.200	75°–107°	75°–100°	2 x	22K2711	22K2711T
	3.200–9.000	75°–107°	75°–100°	2 x	22K2911	22K2911T
Max. front weight 18 kg with two lift mechanisms						
OW Opening angle (infinitely adjustable)						

Alternative



1	Symmetrical lift mechanism with chipboard screws incl. positioning template					
	Power factor	OW Standard	OW TIP-ON		Standard	TIP-ON
	420–1.610	75°–107°	75°–107°	2 x	22K2301	22K2301T
	930–2.800	75°–107°	75°–107°	2 x	22K2501	22K2501T
	1.730–5.200	75°–107°	75°–100°	2 x	22K2701	22K2701T
	3.200–9.000	75°–107°	75°–100°	2 x	22K2901	22K2901T
Max. front weight 18 kg with two lift mechanisms						
OW Opening angle (infinitely adjustable)						

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Order specification




2		Cover cap right		
		Colour	Material	
		HGR, SW, TGR	Nylon	22K8001
Left/right must be ordered separately				

3		Branding element	
		Material	
		Nylon	
Version		Colour	
		SW-M, TGR	IN-G
Printed *	2 x	ABD.1000.BL	ABD.1009.BL
Customised, printed branding element – starting from 1000 pieces			
Embossed *	2 x	ABD.1000.BT	ABD.1009.BT
Customised, embossed branding element – starting from 5000 pieces			
Plain	2 x	ABD.1000	ABD.1009
* With Blum logo			




5	 	Front fixing bracket		
	Colour	Version		
	Nickel plated	Symmetrical		
	Wooden fronts and wide alu frames*	2 x	20S4201	
	Narrow alu frames	2 x	20S4201A	
	EXPANDO	2 x	20S42E1	
	* Use 4 chipboard screws (609.1x00) per side for wooden fronts. Use 4 countersunk self-tapping screws (660.0950) per side for wide alu frames.			

	Front fixing bracket			
	Version			
	Thin fronts	2 x	20S42T1	
EXPANDO T suitable for thin fronts				


5		TIP-ON		
	For drilling			
	Material		Colour	
	Nylon		SW, TS, R7036	
	Version	Cabinet height KH (mm)		
	Short version	Up to 600	956.1002	

6		Adapter plate		
		screw-on		
		Material		
		Nylon		
		Straight adapter plate		
		Version	Colour	
		Short version	SW, TS, R7036, NI-L	956.1201
		Cruciform adapter plates		
		Version	Colour	
		Long version	R7036	956A1501

Assemble using Ø 3.5 mm or Ø 4 mm chipboard screws.
TIP-ON must be ordered separately.

7	Catch plate
	Nickel plated
	Material
	Steel
	Screw-on catch plate
	For hard surfaces and/or MDF Ø 2.5 mm pre-drilling and countersinking, if required
	955.1008S
	Press-in catch plate
	Pre-drill (Ø 5 mm)
	Ø 11.5 mm
	Glue-on catch plate
	13 x 18 mm
	955.1008

Accessories

	Universal individual template			
	65.1051.02			

	Marking template for AVENTOS HK top			
	ZML.2200			

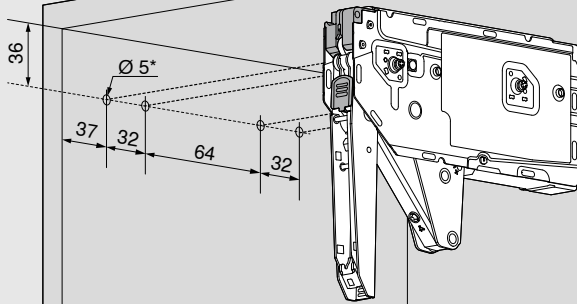
Colour		
HGR	Light grey	
SW	Silk white	
TGR	Dark grey	
TS	Terra black	
R7036	RAL 7036 platinum grey	
NI-L	Nickel-lacquered	
IN-G	Inmold brushed stainless steel	

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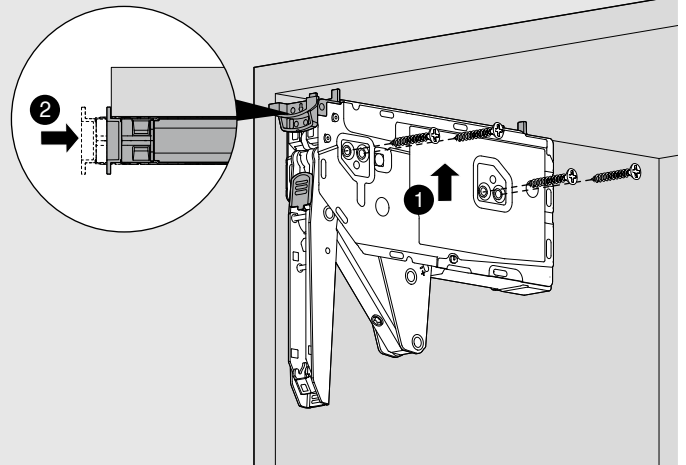
Planning

Fixing positions for lift mechanism with pre-mounted system screws



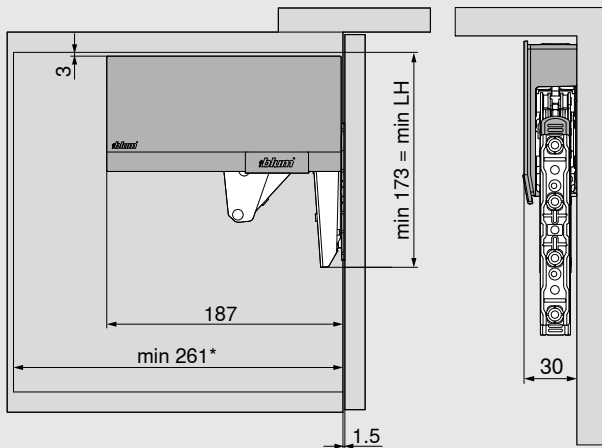
* Drilling depth 11.5 mm

Fixing positions for lift mechanism with chipboard screws incl. positioning template



4 x chipboard screws Ø 4 x 35 mm

Space requirement



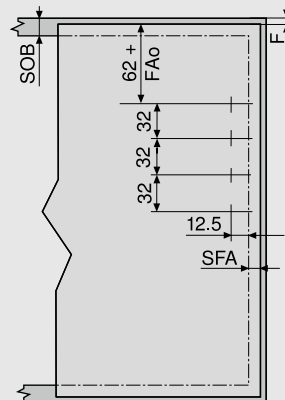
* min. 261 mm with visible wall hanging bracket

Cabinet height max. 600 mm

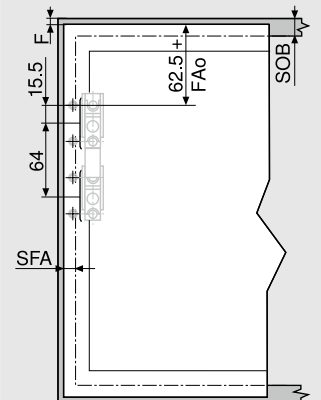
LH Internal cabinet height

Front assembly

Wooden fronts and wide alu frames*



Narrow alu frames



* Use 4 chipboard screws (609.1x00) per side for wooden fronts.
Use 4 countersunk self-tapping screws (660.0950) per side for wide alu frames.

EXPANDO: Ø 8 mm, drilling depth 11.7 mm

Wall application: Requires 5 mm minimum gap

FAo Max. 25.4 mm

FAo Upper front overlay

SOB Top panel thickness

SFA Front overlay of the side panel

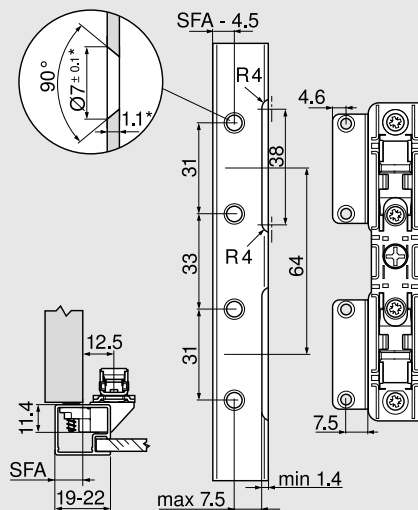
F Gap

AVENTOS HK top



Planning

Narrow alu frames

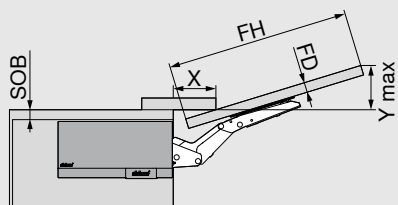


For frame width 19 mm, an SFA of 11–18 mm is possible.

* When changing material thickness, adjust the assembly dimensions accordingly

SFA Front overlay of the side panel

Space requirement – Cornice | Crown moulding



Space requirement (mm)

At max. opening angle

$$Y = FH \times 0.29 + FD - SOB$$

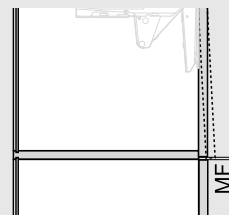
FD (mm)	16	19	22	26	28
X (mm)	68	57	47	33	27

SOB Top panel thickness

FD Front thickness

FH Front height

Minimum gap



Minimum gap MF is 2 mm

Assembly and adjustment



Information on
assembly
and adjustment

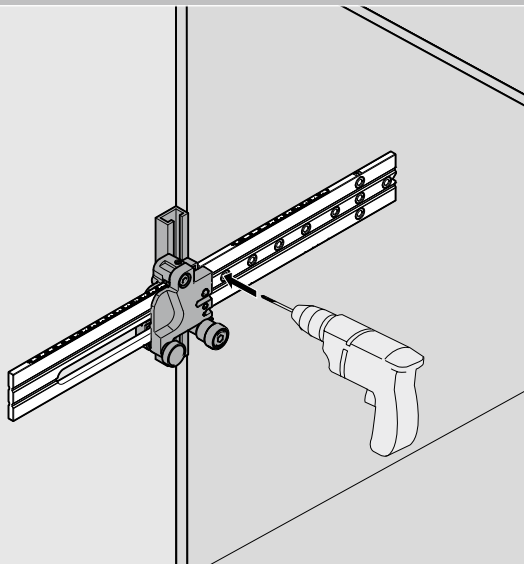
www.blum.com/hktopassembly

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Planning

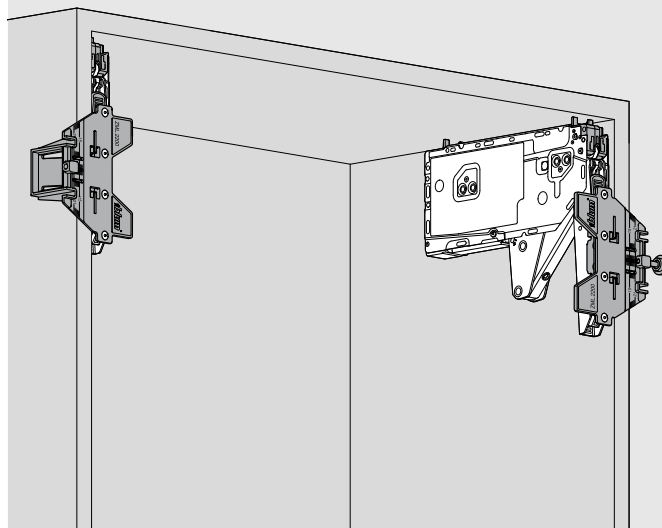
Cabinet assembly



Universal individual template
can be used for all lift systems

65.1051.02

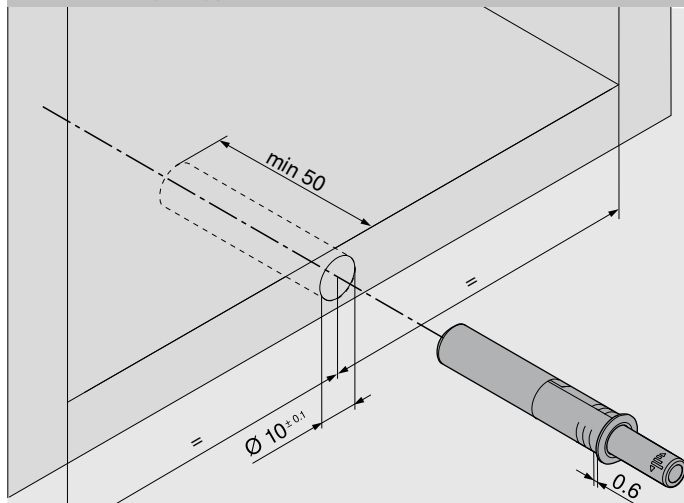
Front assembly template



Marking template for AVENTOS HK top
for front fixing

ZML.2200

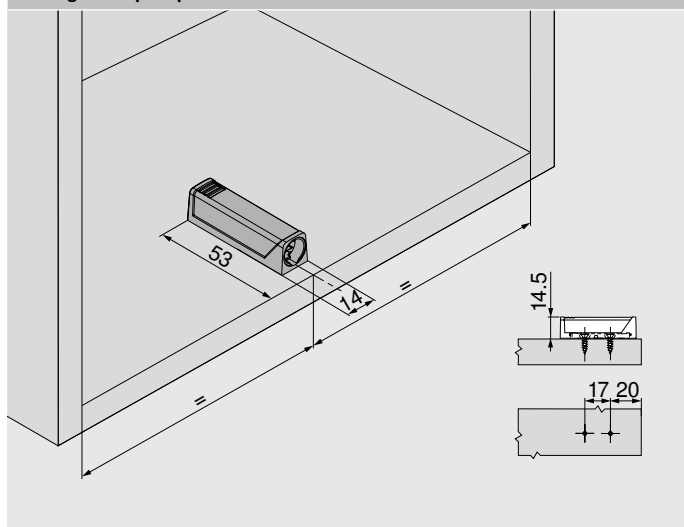
TIP-ON for drilling fixing position



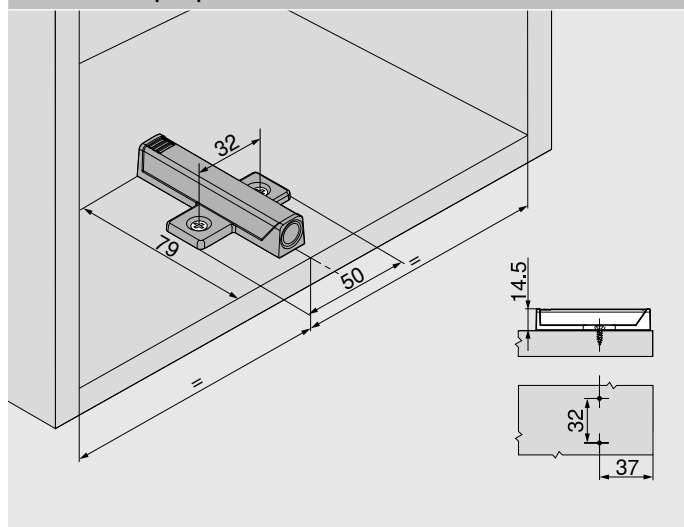
For fronts up to a height of 600 mm

TIP-ON adapter plate fixing position

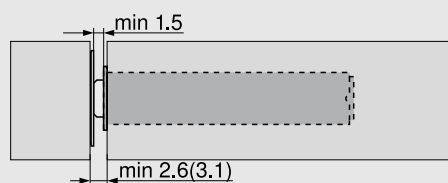
Straight adapter plate – short version



Cruciform adapter plates



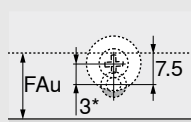
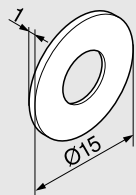
Installation dimensions for front gap



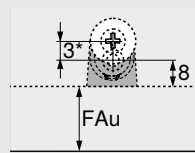
min. 2.6 mm with glue-on catch plate

* min. 3.1 mm with screw-on catch plate

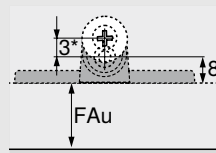
Screw-on catch plate



For drilling



Straight adapter plate

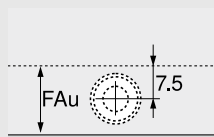
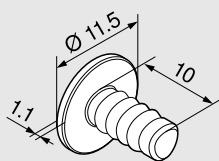


Cruciform adapter plate

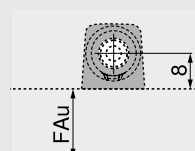
* We recommend off-setting the positioning of TIP-ON by 3 mm for the screw-on catch plate.

FAu Bottom front overlay

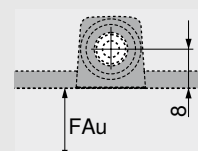
Press-in catch plate



Push-in



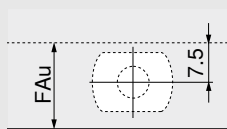
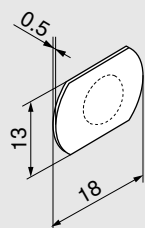
Straight adapter plate



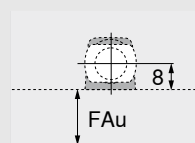
Cruciform adapter plate

FAu Bottom front overlay

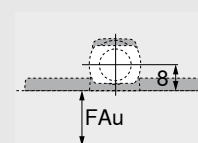
Glue-on catch plate



Glue-on



Straight adapter plate



Cruciform adapter plate

FAu Bottom front overlay

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Our site in the USA is certified to ISO 9001.
Our site in Brazil is certified to ISO 9001 and ISO 14001.



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Certified Quality
System



ISO 14001
Certified Environmental
System



ISO 50001
Certified Energy
System



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