



# AVENTOS HK top

Technical data sheet

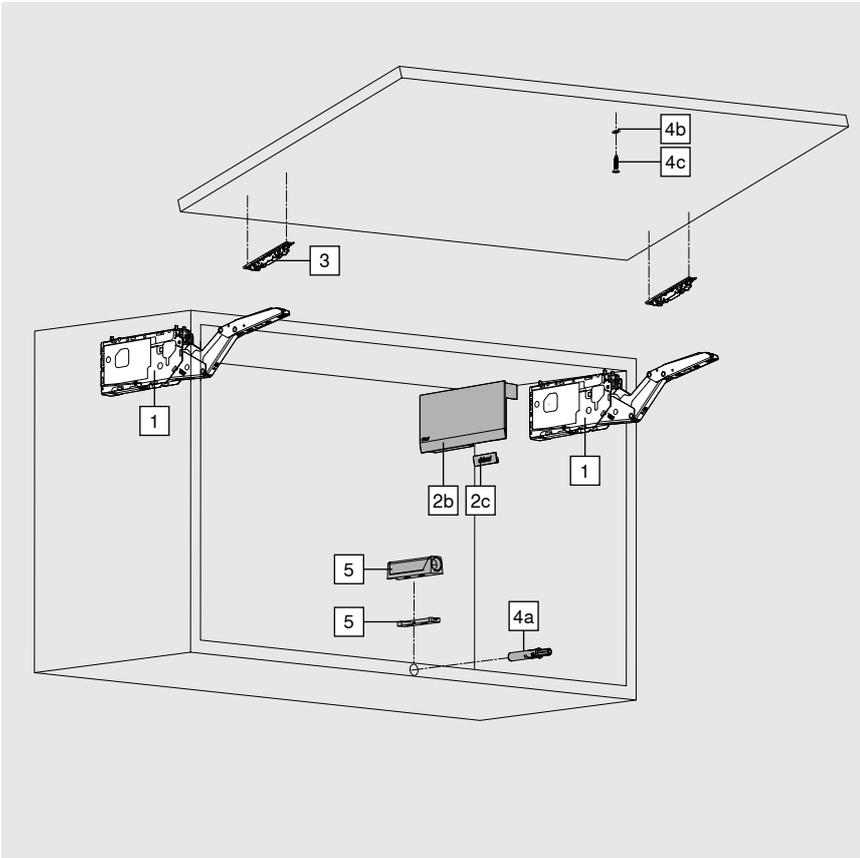
[www.blum.com](http://www.blum.com)

 **blum**®

# 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					
	420–1.610	75°–107°	75°–107°	2 x <table border="1"><tr><td>Standard</td><td>□</td><td>TIP-ON</td><td>■</td></tr></table>	Standard	□	TIP-ON	■
	Standard	□	TIP-ON	■				
	930–2.800	75°–107°	75°–107°	2 x <table border="1"><tr><td>Standard</td><td>□</td><td>TIP-ON</td><td>■</td></tr></table>	Standard	□	TIP-ON	■
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1.730–5.200	75°–107°	75°–100°	2 x <table border="1"><tr><td>Standard</td><td>□</td><td>TIP-ON</td><td>■</td></tr></table>	Standard	□	TIP-ON	■	
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Standard	□	TIP-ON	■					
Max. front weight 18 kg with two lift mechanisms								
OW Opening angle (infinitely adjustable)								

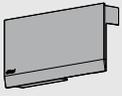
### Alternative

1	Symmetrical lift mechanism with chipboard screws incl. positioning template							
	Power factor	OW Standard	OW TIP-ON					
	420–1.610	75°–107°	75°–107°	2 x <table border="1"><tr><td>Standard</td><td>□</td><td>TIP-ON</td><td>■</td></tr></table>	Standard	□	TIP-ON	■
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Standard	□	TIP-ON	■					
Max. front weight 18 kg with two lift mechanisms								
OW Opening angle (infinitely adjustable)								

# AVENTOS HK top



## Order specification

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

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

	<b>5</b>  <b>Front fixing bracket</b>		
	<b>Colour</b>	<b>Version</b>	
	Nickel plated	Symmetrical	
	Wooden fronts and wide alu frames*	2 x	<b>20S4201</b>
	Narrow alu frames	2 x	<b>20S4201A</b>
EXPANDO	2 x	<b>20S42E1</b>	
* 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.			

	<b>Front fixing bracket</b>		
	<b>Version</b>		
	Thin fronts	2 x	<b>20S42T1</b>
EXPANDO T suitable for thin fronts			

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

	<b>6</b>  <b>Adapter plate</b>		
	screw-on		
	<b>Material</b>		
Nylon			
<b>Straight adapter plate</b>			
<b>Version</b>	<b>Colour</b>		
Short version	SW, TS, R7036, NI-L		<b>956.1201</b>
<b>Cruciform adapter plates</b>			
<b>Version</b>	<b>Colour</b>		
Long version	R7036		<b>956A1501</b>
Assemble using Ø 3.5 mm or Ø 4 mm chipboard screws. TIP-ON must be ordered separately.			

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

### Accessories

	<b>Universal individual template</b>	
		<b>65.1051.02</b>

	<b>Marking template for AVENTOS HK top</b>	
		<b>ZML.2200</b>

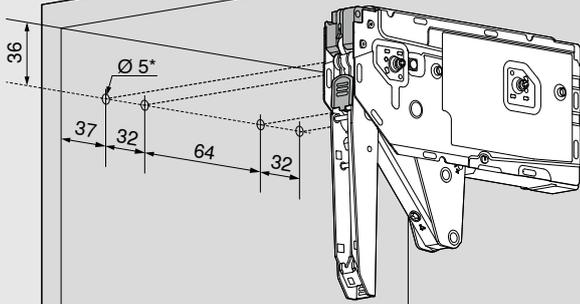
<b>Colour</b>	
HGR	Light grey
SW	Silk white
TGR	Dark grey
TS	Terra black
R7036	RAL 7036 platinum grey
NI-L	Nickel-lacquered
IN-G	Inmold brushed stainless steel

# AVENTOS HK top



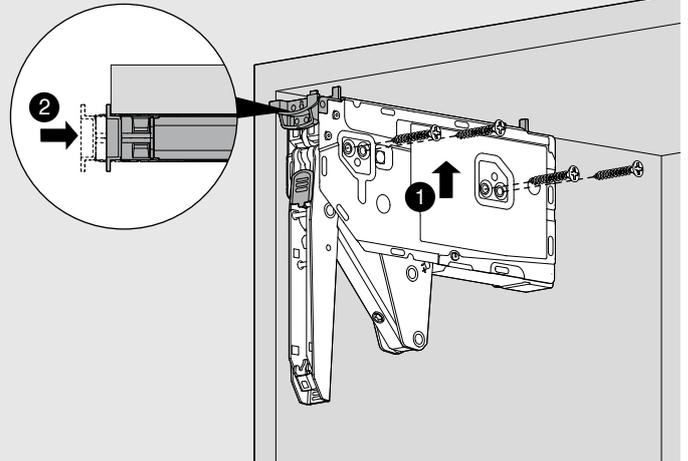
## Planning

### Fixing positions for lift mechanism with pre-mounted system screws



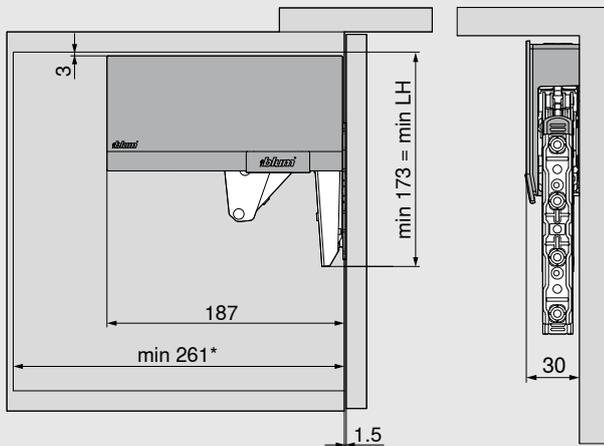
\* Drilling depth 11.5 mm

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



4 x chipboard screws Ø 4 x 35 mm

### Space requirement



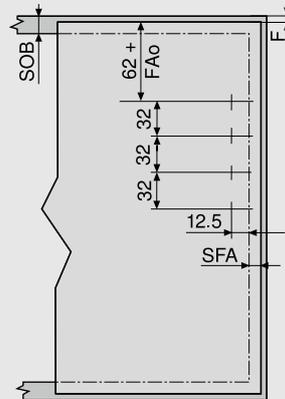
\* min. 261 mm with visible wall hanging bracket

Cabinet height max. 600 mm

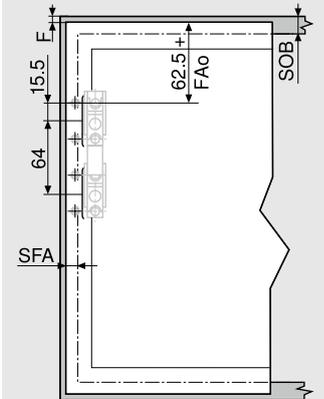
LH Internal cabinet height

### 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

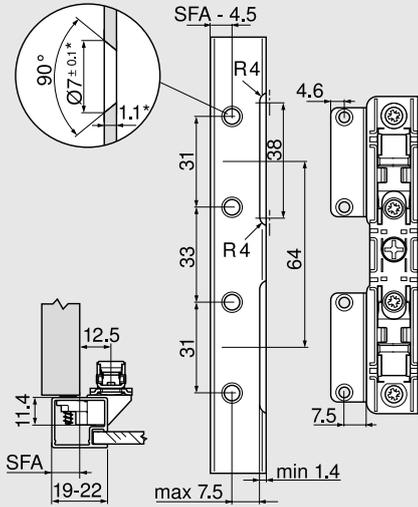
F Gap

# AVENTOS HK top



## Planning

### Narrow alu frames

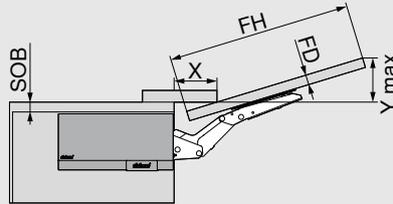


For frame width 19 mm, an SFA of 11–18 mm is possible.

\* 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

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

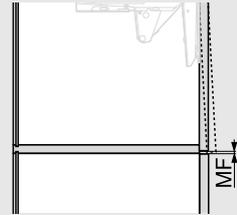
<b>FD (mm)</b>	16	19	22	26	28
<b>X (mm)</b>	68	57	47	33	27

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

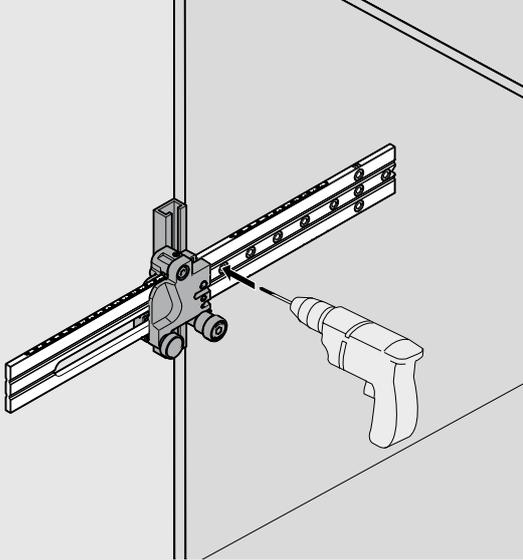
[www.blum.com/hktopassembly](http://www.blum.com/hktopassembly)

# AVENTOS HK top



## Planning

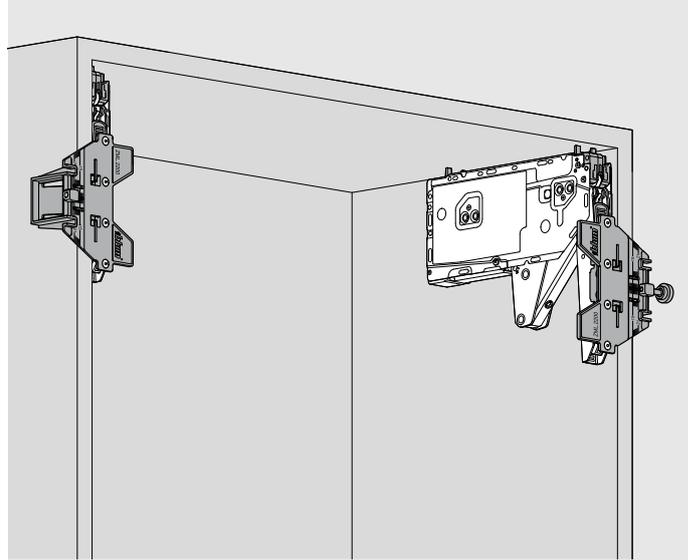
### Cabinet assembly



Universal individual template  
can be used for all lift systems

65.1051.02

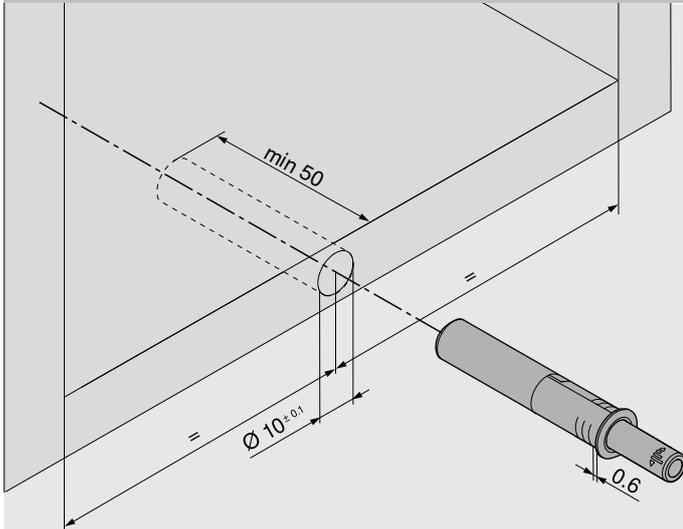
### Front assembly template



Marking template for AVENTOS HK top  
for front fixing

ZML.2200

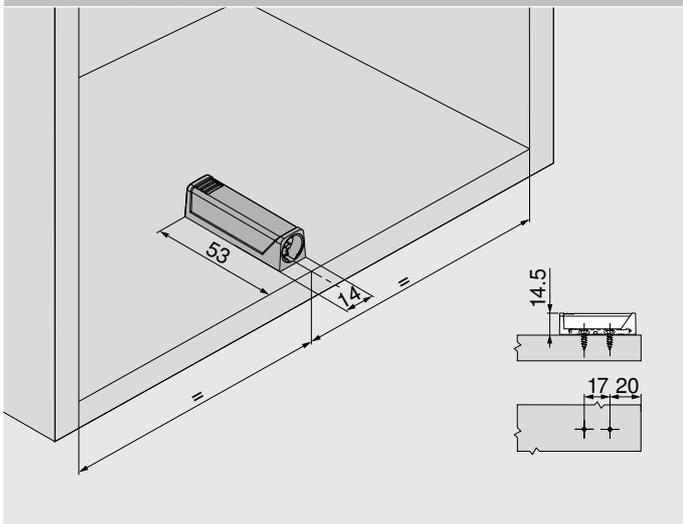
TIP-ON for drilling fixing position



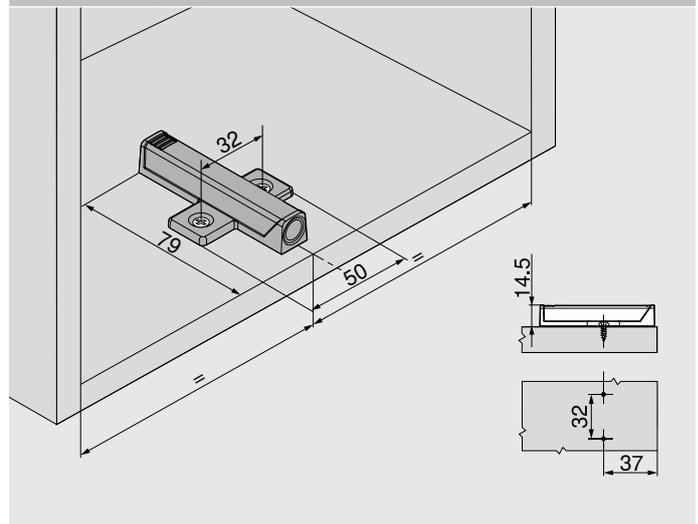
For fronts up to a height of 600 mm

TIP-ON adapter plate fixing position

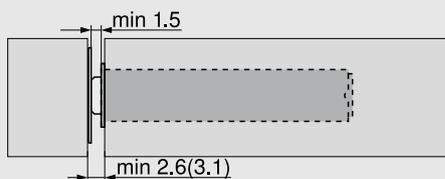
Straight adapter plate – short version



Cruciform adapter plates



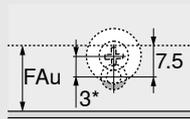
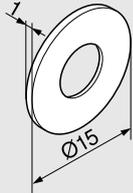
Installation dimensions for front gap



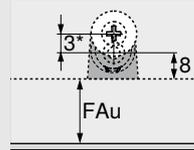
min. 2.6 mm with glue-on catch plate

\* min. 3.1 mm with screw-on catch plate

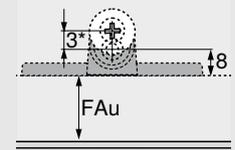
Screw-on catch plate



For drilling



Straight adapter plate

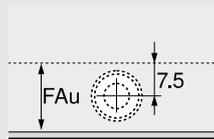
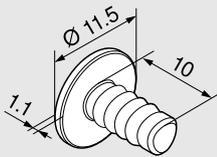


Cruciform adapter plate

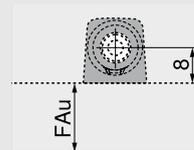
\* We recommend off-setting the positioning of TIP-ON by 3 mm for the screw-on catch plate.

FAu Bottom front overlay

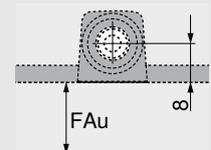
Press-in catch plate



Push-in



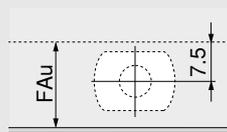
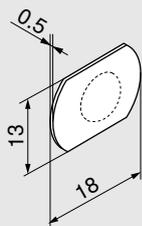
Straight adapter plate



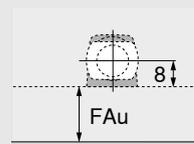
Cruciform adapter plate

FAu Bottom front overlay

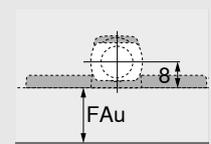
Glue-on catch plate



Glue-on



Straight adapter plate



Cruciform adapter plate

FAu Bottom front overlay

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System



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Certified Environmental  
System



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System

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