



## AVENTOS HK top

Beautifully functional

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

 **blum**®

# Optimised: the assembly

With the AVENTOS HK top, particular value has been placed on simple and precise installation and assembly. Choose between two symmetrical lift mechanism types – and two types of assembly. Thanks to the new assembly position, the drill holes are identical for every application and cabinet height.

 blum®

Further information about assembly.



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

## Lift mechanism with positioning template

This type of lift mechanism enables precise installation in the cabinet using the cabinet top panel and front edge. No pre-drilling is necessary.

### Assembly with pre-mounted system screws

With two symmetrical system screws and two pegs, this type of lift mechanism can even be installed on the loose cabinet side. Four drill holes in the 32 mm system are required for this.



### Adjustment using TORX screws

AVENTOS HK top is based on TORX technology. This provides optimum support for precise and easy adjustment.



### Lift mechanism adjustment from the front

Lift mechanism adjustment can be carried out from the front without having to remove the cover cap. This means the lift system will stop in any desired position.

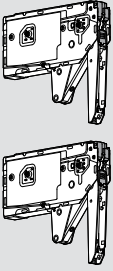


# TIP-ON for AVENTOS HK top

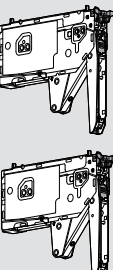
# AVENTOS HK top

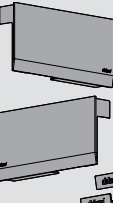


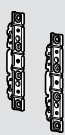
## Order specification

	<b>1 Lift mechanism set</b>		
	Symmetrical with pre-mounted system screws		
	<b>LF</b>	<b>OW</b>	
	420–1610	107°	22K2310T
	930–2800	107°	22K2510T
	1730–5200	100°	22K2710T
	3200–9000	100°	22K2910T
Max. front weight 18 kg for two lift mechanisms			


### Alternative


	<b>1 Lift mechanism set</b>		
	Symmetrical with chipboard screws incl. positioning template		
	<b>LF</b>	<b>OW</b>	
	420–1610	107°	22K2300T
	930–2800	107°	22K2500T
	1730–5200	100°	22K2700T
	3200–9000	100°	22K2900T
Max. front weight 18 kg for two lift mechanisms			


	<b>2 Cover cap set</b>		
	<b>Material</b>	<b>Colour</b>	
	Plastic	HGR   SW   TGR	22K8000.NA
	<b>Consisting of:</b>		
2a   1 x large cover cap, left			
2b   1 x large cover cap, right			
2c   2 x small cover cap, stamped with Blum logo			

	<b>3 Front fixing bracket set</b>		
	Symmetrical, nickel plated		
	Wooden fronts and wide alu frames*		20S4200
	Narrow alu frames		20S4200A
* 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.			


### Alternative

	<b>Front fixing bracket</b>		
	Symmetrical, nickel plated		
	EXPANDO T	2 x	20S42T1
EXPANDO T for thin fronts			


	<b>4 TIP-ON set</b>		
	<b>Material</b>	<b>Colour</b>	
	Plastic	SW   R7036	
	Short version: up to KH 500 mm		956.1004
	Long version: from KH 501 mm		956A1004
<b>Consisting of:</b>			
1 x TIP-ON			
1 x screw-on catch plate			
1 x chipboard screw 609.1500			
1 x glue-on catch plate			

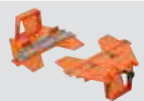
	<b>5 Straight adapter plate</b>		
	<b>Colour</b>		
	Silk white (SW), RAL 7036 platinum grey (R7036)		
	Short version		956.1201
Long version		956A1201	

### Alternative

	<b>Cruciform adapter plates</b>		
	<b>Colour</b>		
	RAL 7036 platinum grey (R7036)		
Long version		956A1501	

### Accessories

	<b>Universal individual template</b>		
			65.1051.02

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

LF Power factor

KH Cabinet height

OW Opening angle (infinitely adjustable)

HGR | SW | TGR Light grey, silk white, dark grey

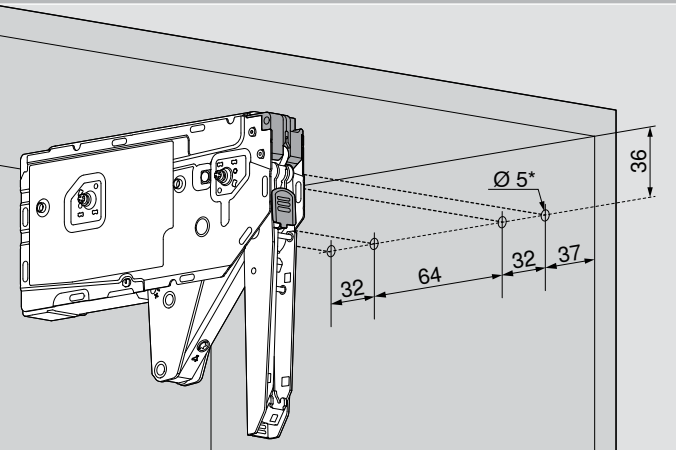
# AVENTOS HK top



## Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

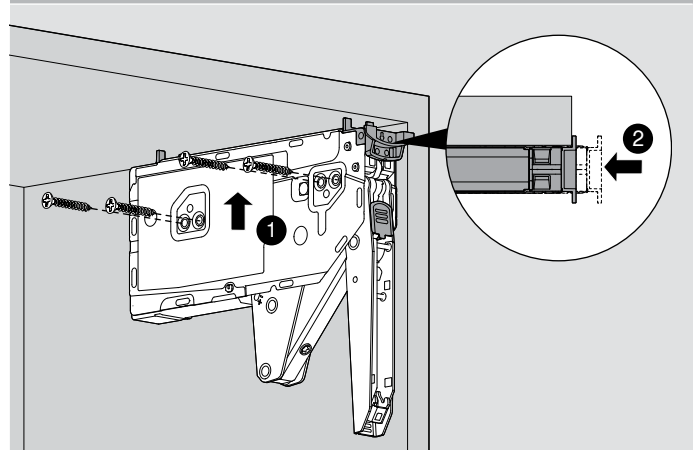
### Planning

□ ■ ■ Fixing positions for lift mechanism with pre-mounted system screws



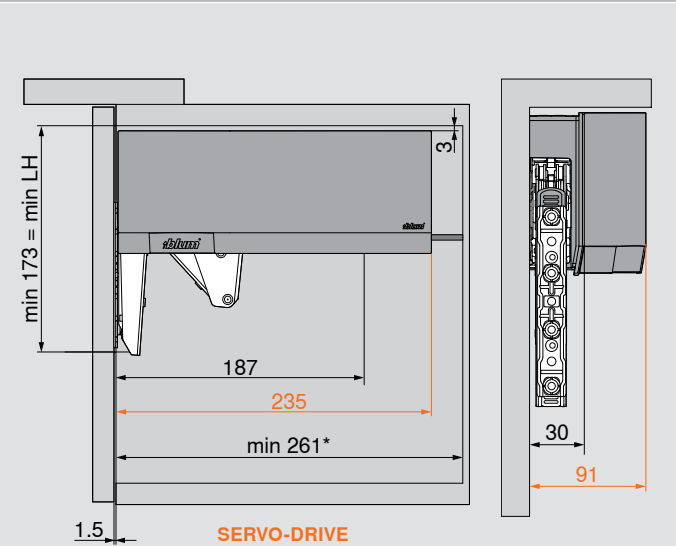
\* Drilling depth 11.5 mm

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



4 x Ø 4 x 35 mm

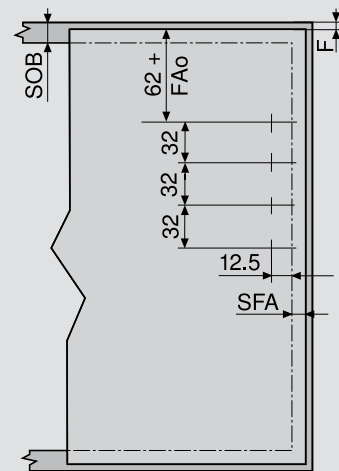
□ ■ ■ Space requirements in the cabinet



Note: Cabinet height max. 600 mm

\* min. 261 mm with visible wall hanging bracket

□ ■ ■ Front assembly



Wooden fronts and wide alu frames\*

The upper front overlay (FAo) is no more than 25.4 mm

Wall application: Requires 5 mm minimum gap

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

□ Standard

■ TIP-ON

■ SERVO-DRIVE

F Gap

FAo Upper front overlay

LH Internal cabinet height

SFA Front overlay of the side panel

SOB Top panel thickness

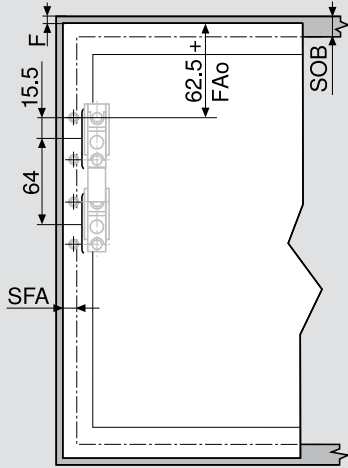
Standard, TIP-ON and  
SERVO-DRIVE for AVENTOS HK top

AVENTOS HK top



Planning

Front assembly

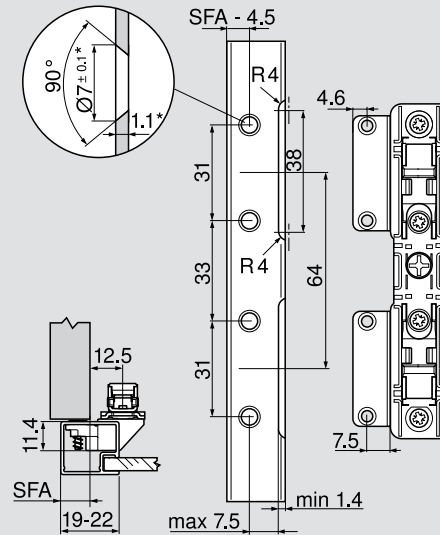


Narrow alu frames

The upper front overlay (FAo) is no more than 25.4 mm

Wall application: Requires 5 mm minimum gap

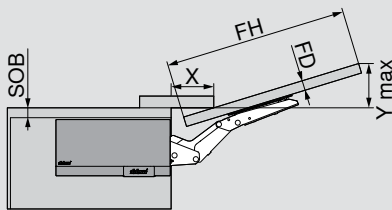
Planning for narrow alu frames



For frame width 19 mm: SFA of 11–18 mm possible

\* When changing material thickness, adjust the assembly dimensions accordingly

Cornice and crown moulding space requirement

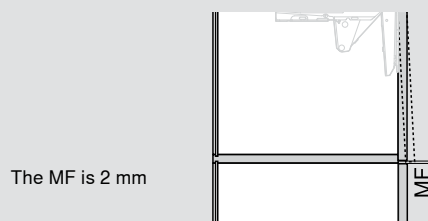


FD (mm)	16	19	22	26	28
X (mm)	68	57	47	33	27

Maximum top panel thickness 25.4 mm

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

Minimum gap



The MF is 2 mm

FD Front thickness  
FH Front height

MF Minimum gap for opening  
SFA Front overlay of the side panel

SOB Top panel thickness

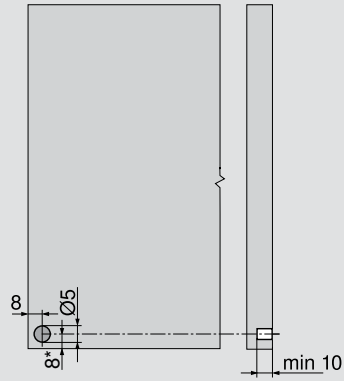
## AVENTOS HK top



## Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

### Planning

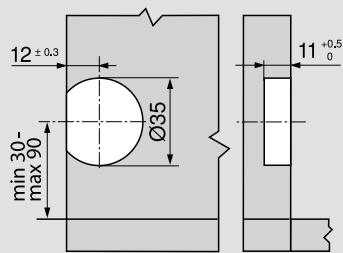
#### Blum distance bumper drilling position



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

Do not glue Blum distance bumper.

#### SERVO-DRIVE switch



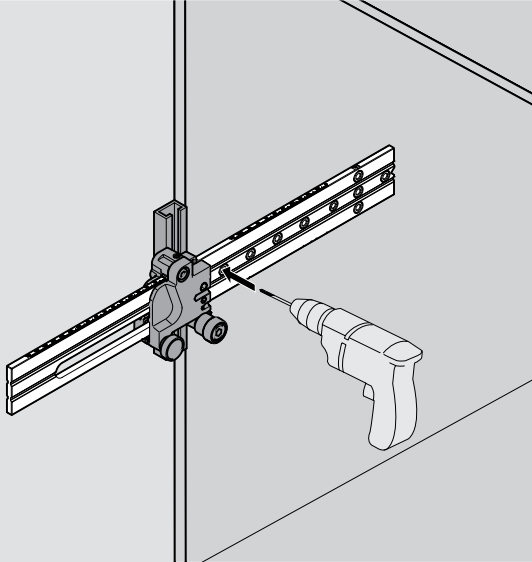
Standard, TIP-ON and  
SERVO-DRIVE for AVENTOS HK top

AVENTOS HK top



Planning

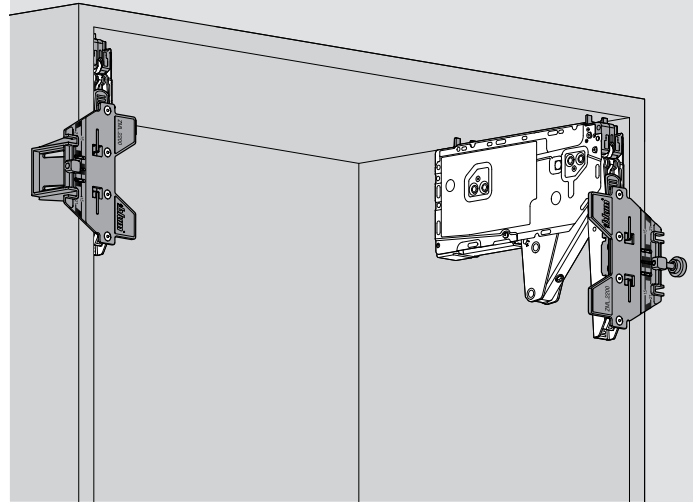
Cabinet assembly



Universal individual template  
can be used for all lift systems

65.1051.02

Front assembly template

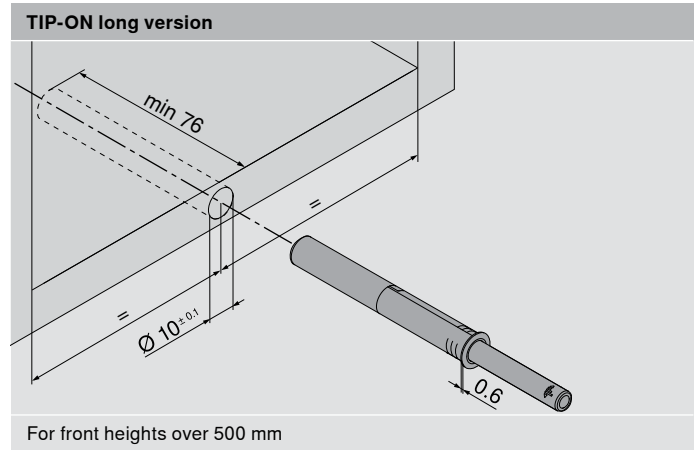
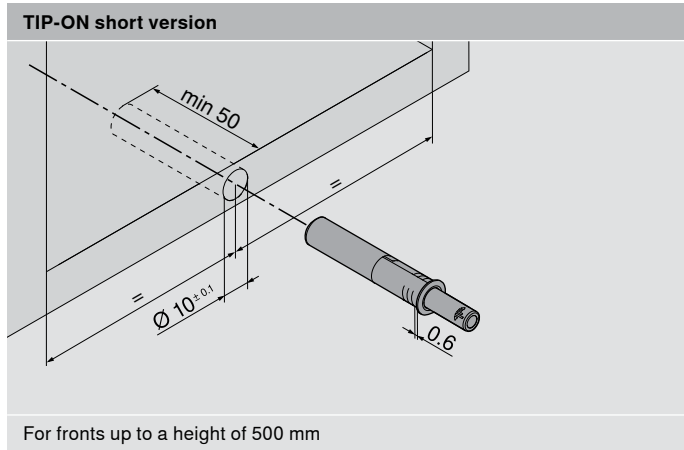


Marking template for AVENTOS HK top  
for front fixing

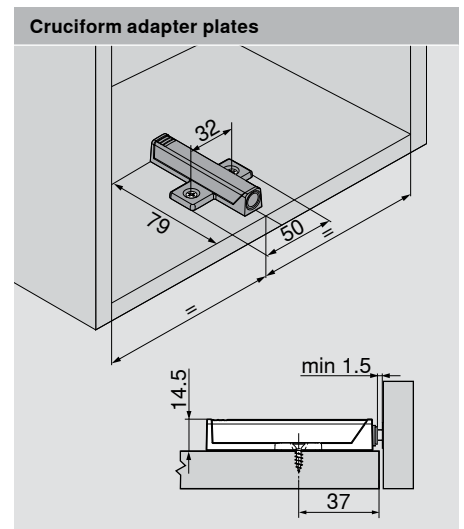
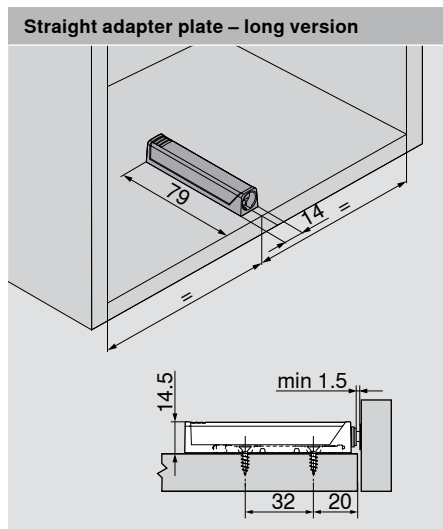
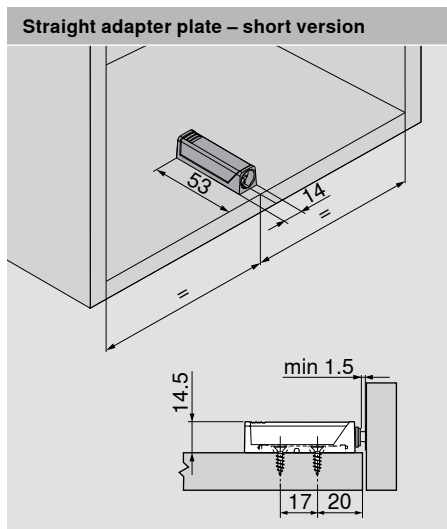
ZML.2200



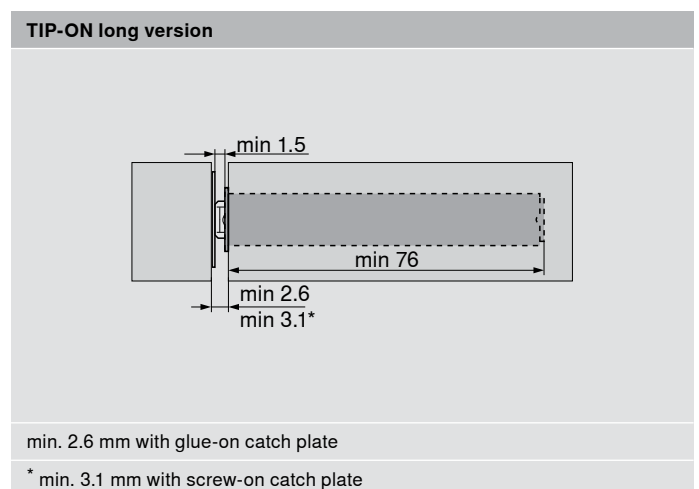
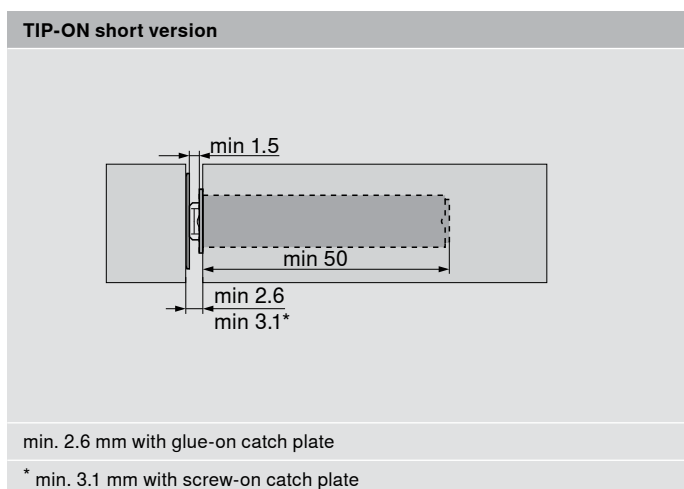
TIP-ON for drilling fixing position



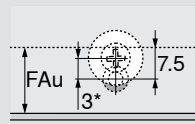
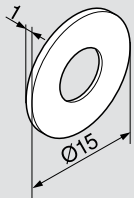
TIP-ON adapter plate fixing position



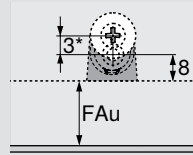
Installation dimensions for front gap



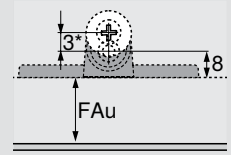
Screw-on catch plate planning



For drilling



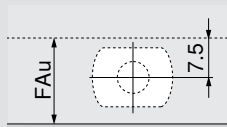
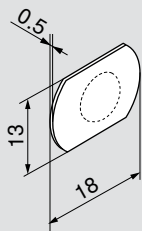
Straight adapter plate



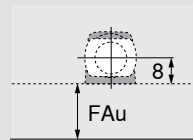
Cruciform adapter plates

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

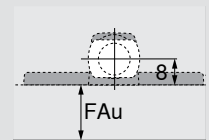
Glue-on catch plate planning



For drilling



Straight adapter plate



Cruciform adapter plates

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