



AVENTOS HK top

Beautifully functional

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

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

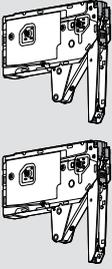
AVENTOS HK top is based on TORX technology. This provides optimum support for precise and easy adjustment.



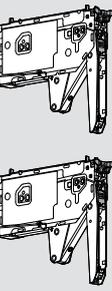
Lift mechanism adjustment from the front

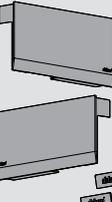
Lift mechanism adjustment can be carried out from the front without having to remove the cover cap. This means the lift system will stop in any desired position.

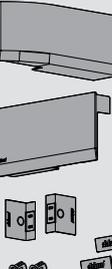
Order specification

<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	Lift mechanism set
Symmetrical with pre-mounted system screws			
	LF	OW	
	420–1610	107°	22K2310
	930–2800	107°	22K2510
	1730–5200	107°	22K2710
	3200–9000	107°	22K2910
Max. front weight 18 kg for two lift mechanisms			

Alternative

<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	Lift mechanism set
Symmetrical with chipboard screws incl. positioning template			
	LF	OW	
	420–1610	107°	22K2300
	930–2800	107°	22K2500
	1730–5200	107°	22K2700
	3200–9000	107°	22K2900
Max. front weight 18 kg for two lift mechanisms			

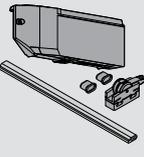
<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	Cover cap set
	Material	Colour	
	Plastic	HGR SW TGR	22K8000.NA
Consisting of:			
1 x large cover cap, left			
1 x large cover cap, right			
2 x small cover cap, stamped with Blum logo			

<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	Cover cap set for SERVO-DRIVE
	Material	Colour	
	Plastic	HGR SW TGR	23K8000.NA
Consisting of:			
2a 1 x SERVO-DRIVE large cover cap, left			
2b 1 x large cover cap, right			
2c 2 x small cover cap, stamped with Blum logo			
2d 2 x SERVO DRIVE switches			
2e 2 x Blum distance bumpers, Ø 5 mm			

<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	Front fixing bracket set
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

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Front fixing bracket
	Symmetrical, nickel plated	
	EXPANDO T	2 x 20S42T1
EXPANDO T for thin fronts		

<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	SERVO-DRIVE set
	Material	Colour	
	Plastic	Dust grey	23KA000
Consisting of:			
4a 1 x drive unit			
4b 1 x distribution cable, 1500 mm			
4c 1 x connecting node			
4d 2 x cable end protectors			
We recommend two synchronised drive units for a power factor > 9000.			

Accessories

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Universal individual template
	65.1051.02	

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Marking template for AVENTOS HK top
	ZML.2200	

LF Power factor

OW Opening angle (infinitely adjustable)

HGR | SW | TGR Light grey, silk white

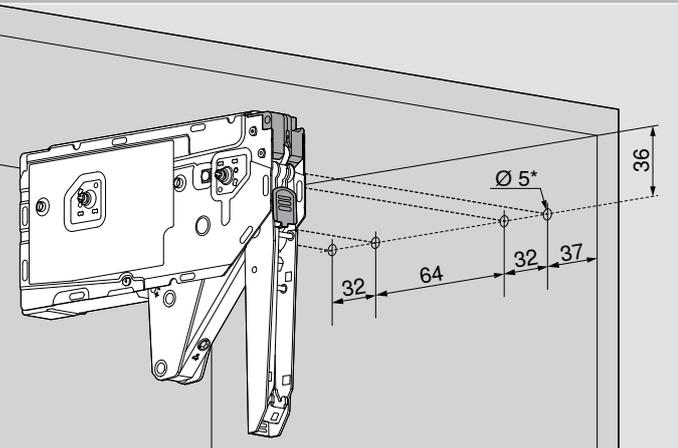
AVENTOS HK top



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

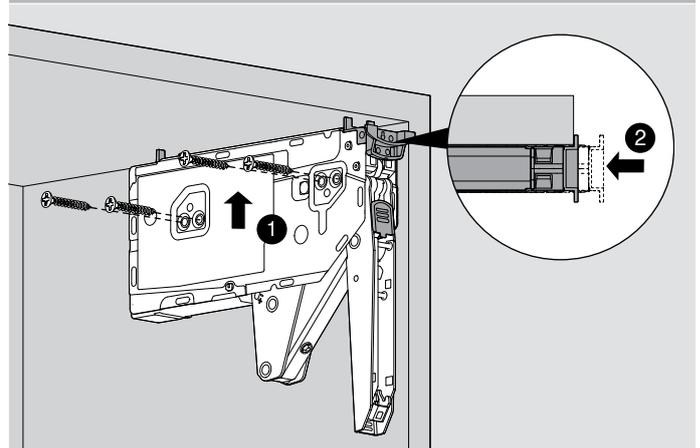
Planning

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



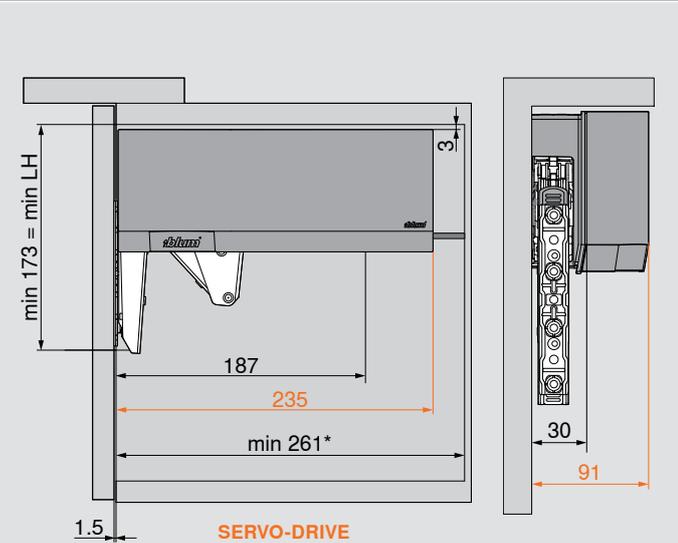
* Drilling depth 11.5 mm

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



4 x Ø 4 x 35 mm

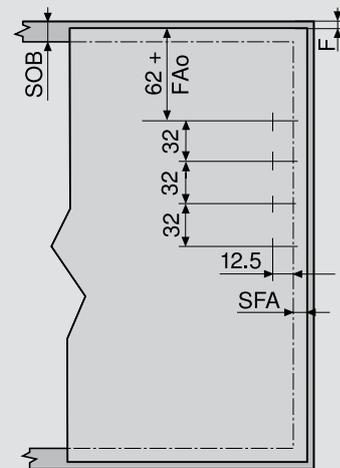
□ ■ ■ Space requirements in the cabinet



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

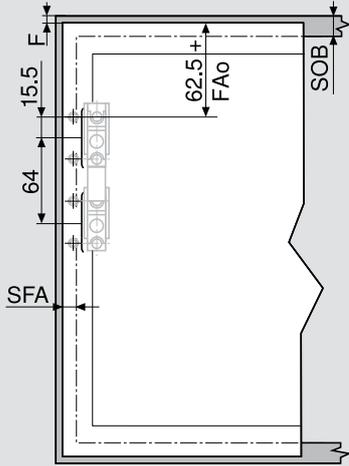
Standard, TIP-ON and
SERVO-DRIVE for AVENTOS HK top

AVENTOS HK top



Planning

Front assembly

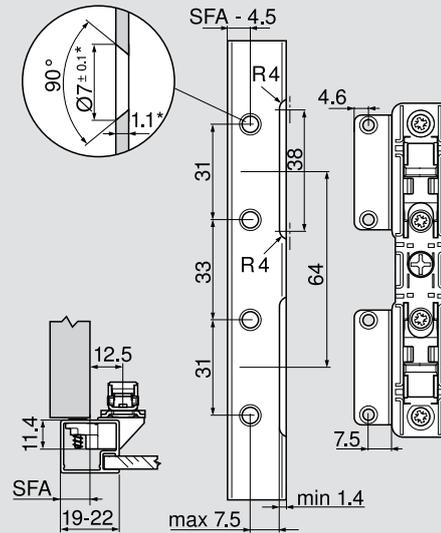


Narrow alu frames

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

Wall application: Requires 5 mm minimum gap

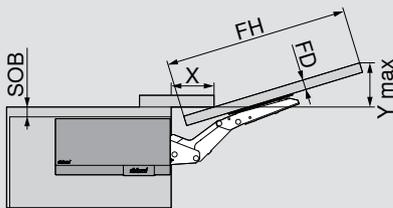
Planning for narrow alu frames



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



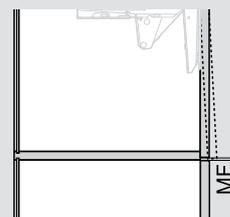
FD (mm)	16	19	22	26	28
X (mm)	68	57	47	33	27

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

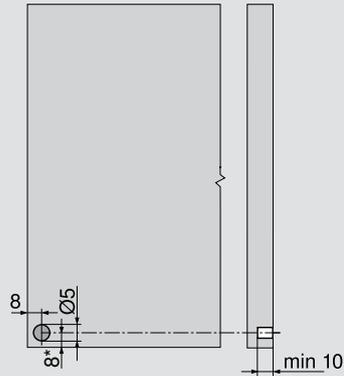
AVENTOS HK top



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

Planning

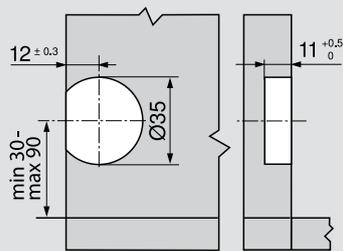
Blum distance bumper drilling position



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



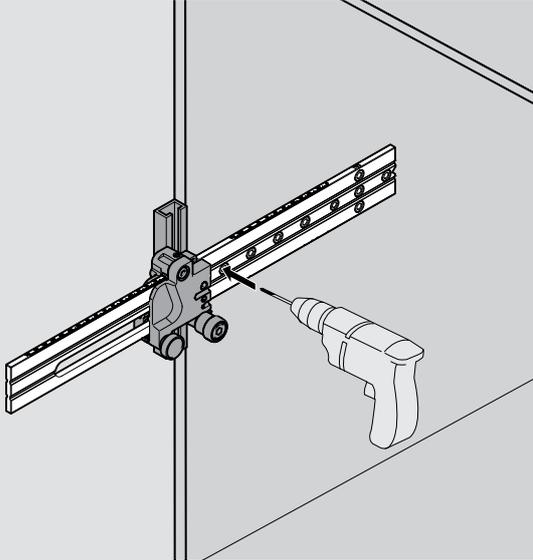
Standard, TIP-ON and
SERVO-DRIVE for AVENTOS HK top

AVENTOS HK top



Planning

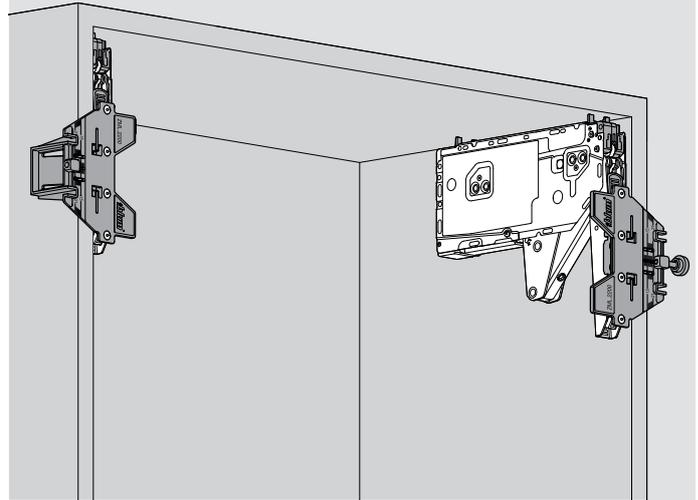
Cabinet assembly



Universal individual template
can be used for all lift systems

65.1051.02

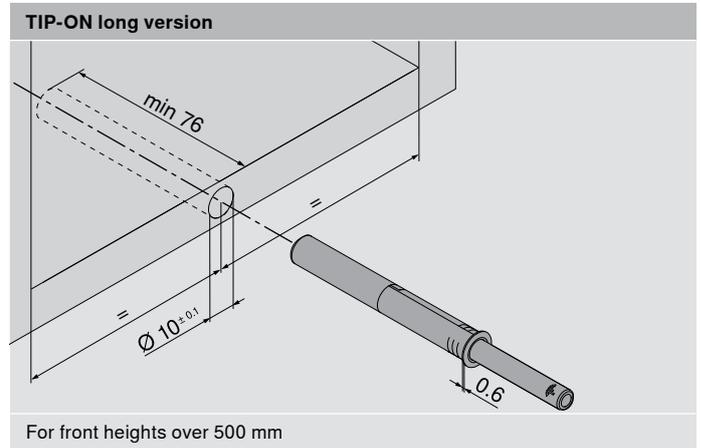
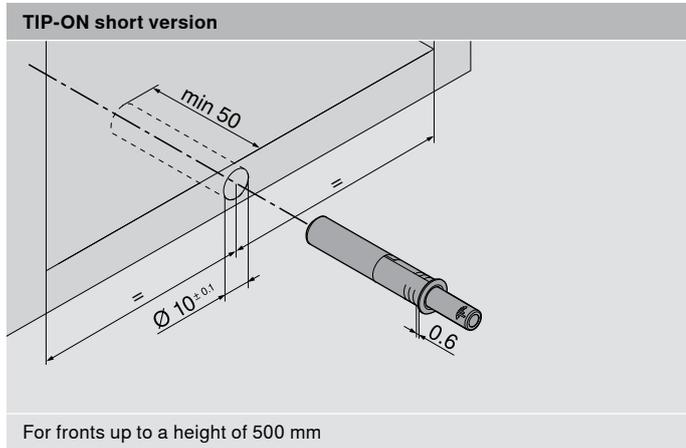
Front assembly template



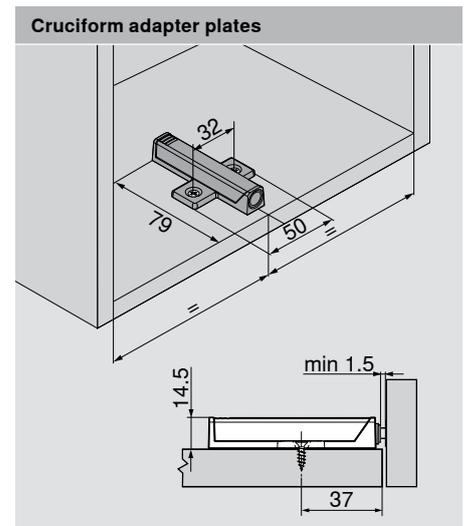
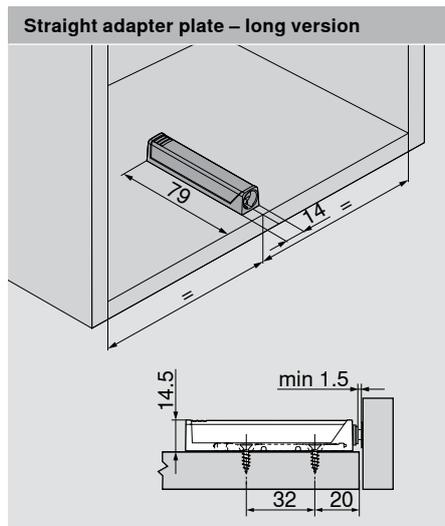
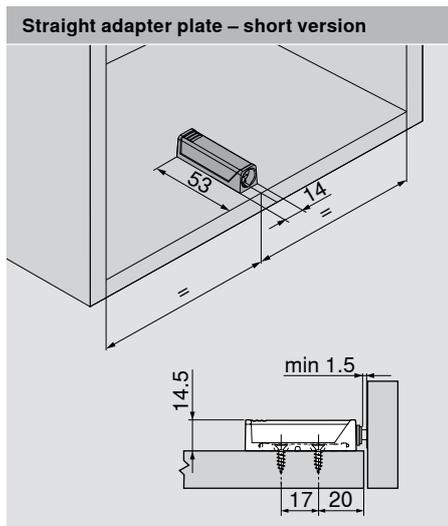
Marking template for AVENTOS HK top
for front fixing

ZML.2200

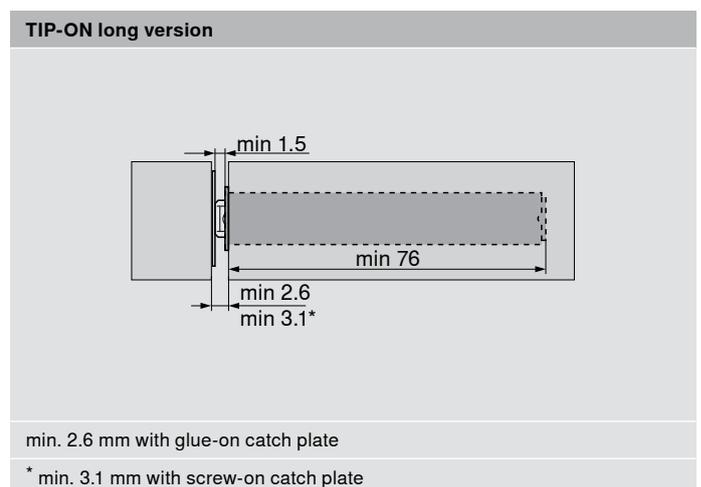
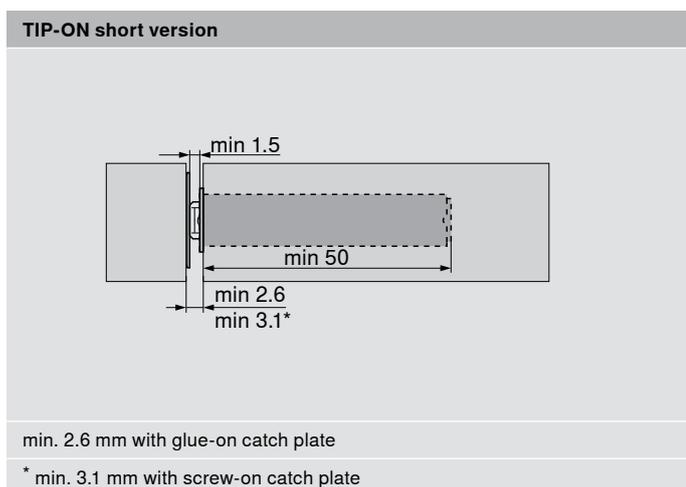
TIP-ON for drilling fixing position



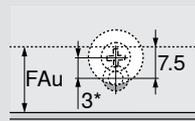
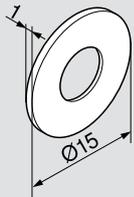
TIP-ON adapter plate fixing position



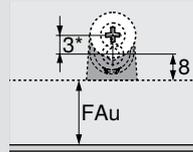
Installation dimensions for front gap



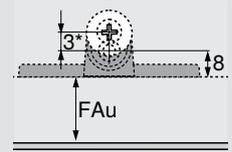
Screw-on catch plate planning



For drilling



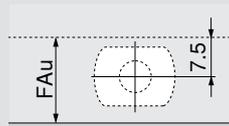
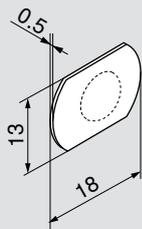
Straight adapter plate



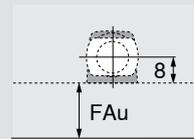
Cruciform adapter plates

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

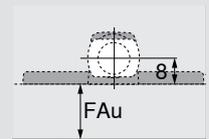
Glue-on catch plate planning



For drilling



Straight adapter plate



Cruciform adapter plates

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