

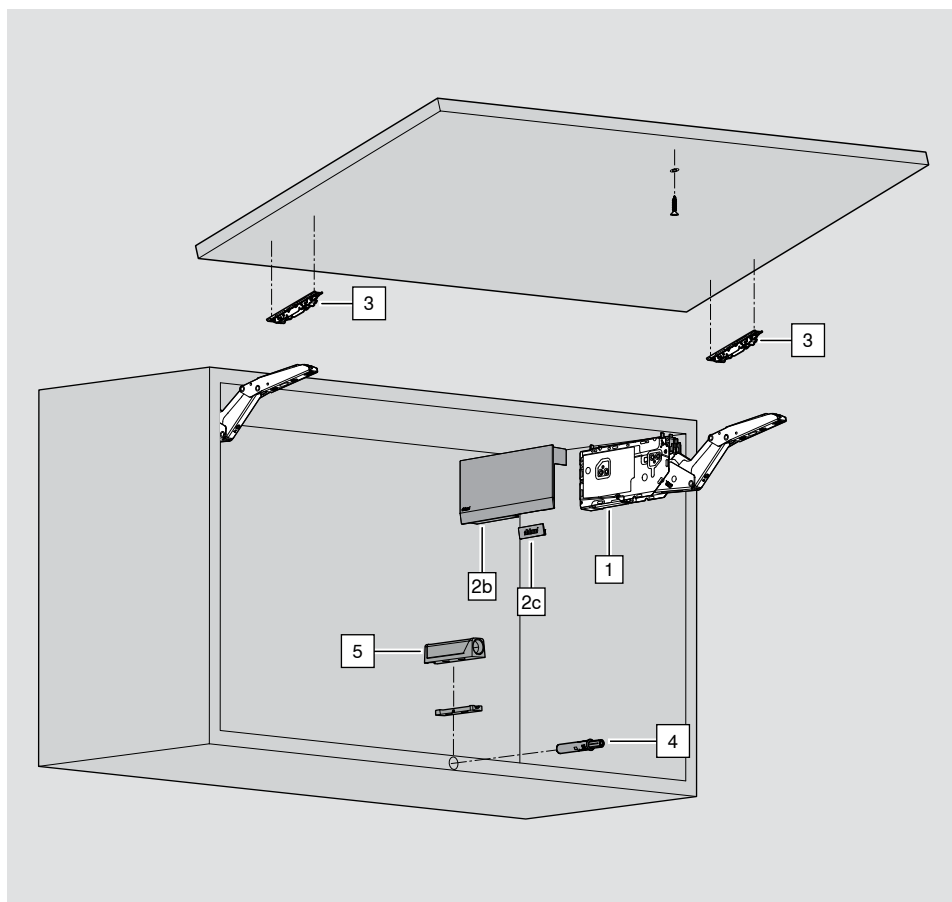


AVENTOS HK top

Technical data sheet

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You can use the power factor to determine which lift mechanism is required. The power factor required depends on the weight of the front (incl. double the handle weight) and the cabinet height.

When using a third lift mechanism (a power factor increase of up to 50%), we recommend a trial application.

Note

We recommend an additional lift mechanism attached to the centre panel for wide cabinets. The reason for this is to prevent the front from sagging when open.



This is how it's done: Power factor = cabinet height (KH) [mm] x front weight including double the handle weight [kg]

A trial application is recommended at the edge areas of the individual lift mechanisms.

1	Symmetrical lift mechanism with pre-mounted system screws					
	LF	OW Standard	OW TIP-ON		Standard	TIP-ON
	420–1.610	max. 107°	max. 107°	2 x	22K2310	22K2310T
	930–2.800	max. 107°	max. 107°	2 x	22K2510	22K2510T
	1.730–5.200	max. 107°	max. 100°	2 x	22K2710	22K2710T
	3.200–9.000	max. 107°	max. 100°	2 x	22K2910	22K2910T
Max. front weight 18 kg with two lift mechanisms						

Alternative

1	Symmetrical lift mechanism with chipboard screws incl. positioning template					
	LF	OW Standard	OW TIP-ON		Standard	TIP-ON
	420–1.610	max. 107°	max. 107°	2 x	22K2300	22K2300T
	930–2.800	max. 107°	max. 107°	2 x	22K2500	22K2500T
	1.730–5.200	max. 107°	max. 100°	2 x	22K2700	22K2700T
	3.200–9.000	max. 107°	max. 100°	2 x	22K2900	22K2900T
Max. front weight 18 kg with two lift mechanisms						

AVENTOS HK top



Order specification

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

3	Symmetrical front fixing brackets		
	Nickel plated		
	Wooden fronts and wide alu frames*	2 x	20S4200
	EXPANDO T	2 x	20S42T1
	Narrow alu frames	2 x	20S4200A

4	TIP-ON		
	Plastic		
	SW, PG**		
	For drilling		
	Short version: up to KH 500 mm	1 x	956.1004
	Long version: from KH 501 mm	1 x	956A1004

5	Straight adapter plate***		
	Plastic, screws		
	SW, PG**		
	Short version	1 x	956.1201
	Long version	1 x	956A1201

Alternative

	Cruciform adapter plate***		
	Plastic, screws		
	PG**		
	Long version – screws	1 x	956A1501

Accessories

	Universal individual template	
		65.1051.02

	Marking template for AVENTOS HK top	
		ZML.2200

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

** SW= silk white, PG= platinum grey

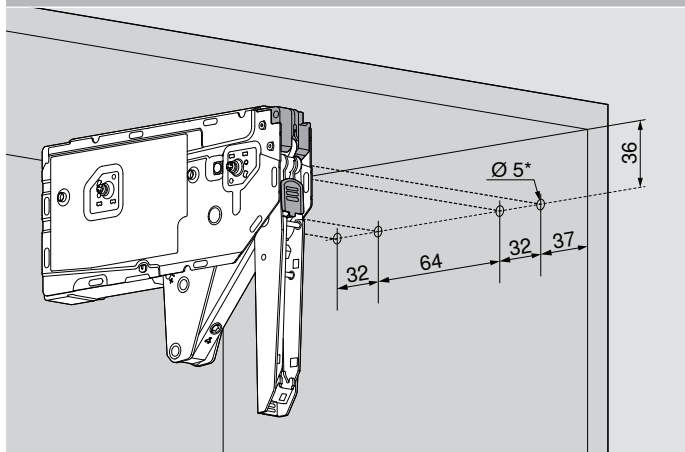
*** Assemble using Ø 3.5 mm or Ø 4 mm chipboard screws. TIP-ON must be ordered separately.

AVENTOS HK top



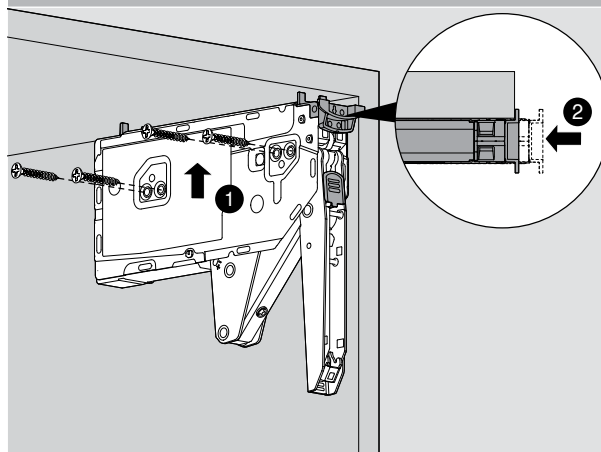
Planning

Fixing positions for lift mechanism with pre-mounted system screws



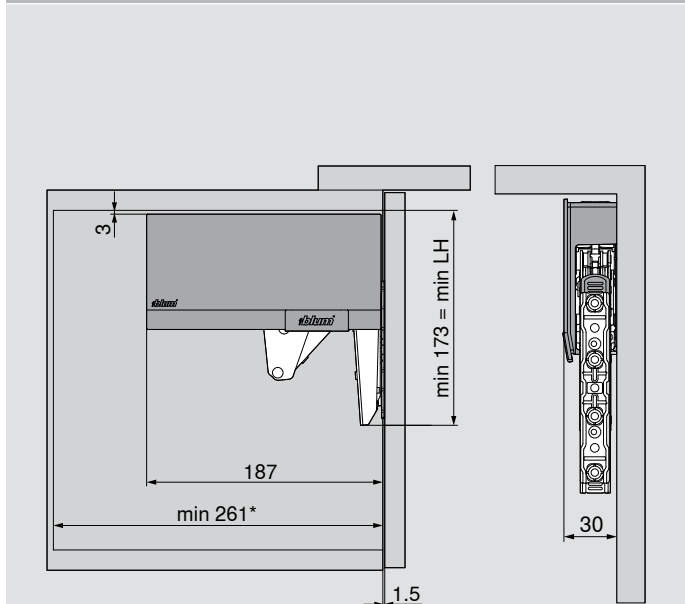
* Drilling depth 11.5 mm

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



4 x Ø 4 x 35 mm

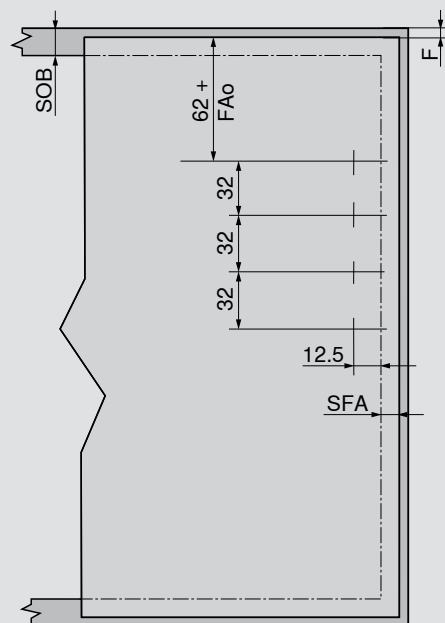
Space requirement



Cabinet height max. 600 mm

* min. 261 mm with visible wall hanging bracket

Front assembly for wooden fronts and wide alu frames*



Wall application: Requires 5 mm minimum gap

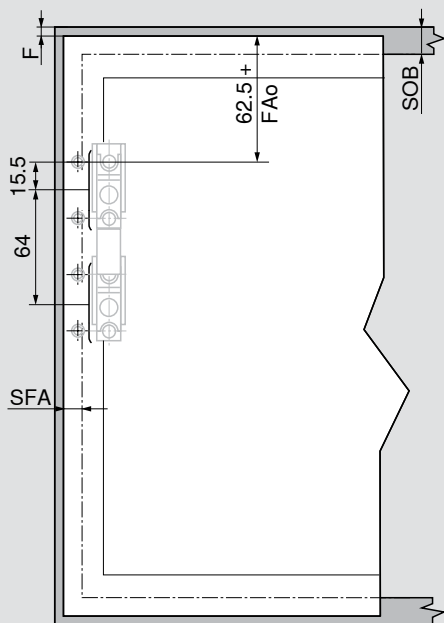
The upper front overlay (FAo) is no more than 25.4 mm

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

F Gap
FAo Upper front overlay
LH Internal cabinet height

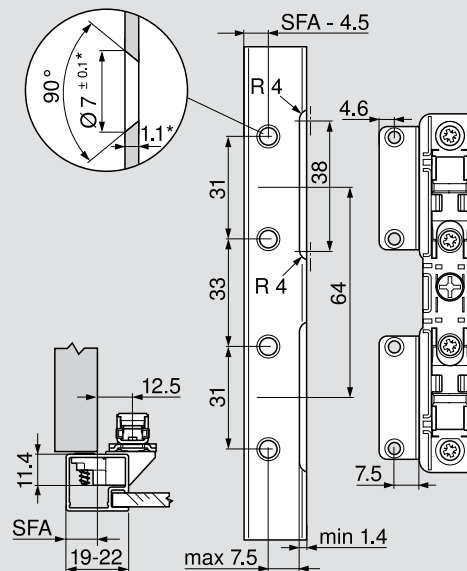
SFA Front overlay of the side panel
SOB Top panel thickness

Front assembly for narrow alu frames



Wall application: Requires 5 mm minimum gap

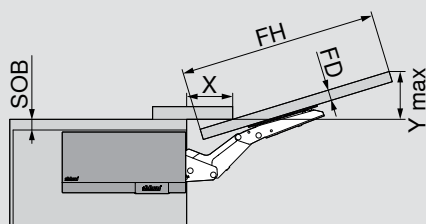
Planning for narrow alu frames



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

* When changing material thickness, adjust the assembly dimensions accordingly

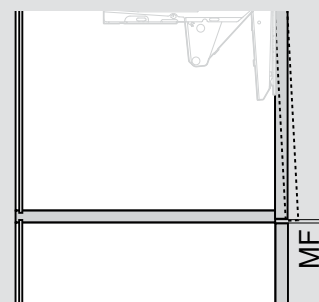
Cornice and crown space requirement



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

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

Minimum gap



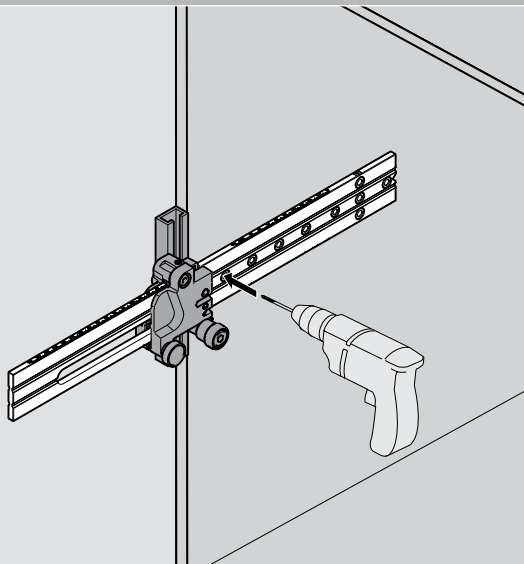
The MF is 2 mm

FD Front thickness
F Gap
FAo Upper front overlay

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

SOB Top panel thickness

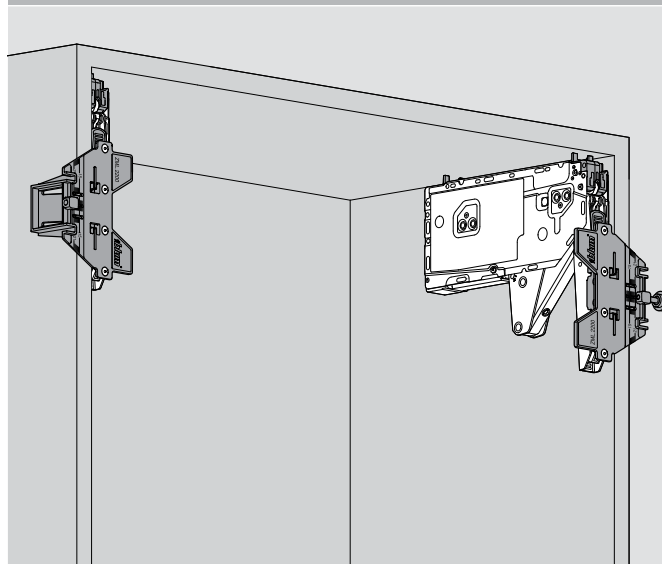
Cabinet assembly



Universal individual template
can be used for all lift systems

65.1051.02

Front assembly template

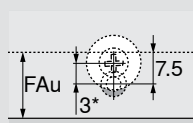
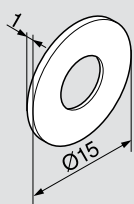


Marking template for AVENTOS HK top
for front fixing

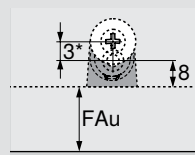
ZML.2200

Installation dimension catch plate

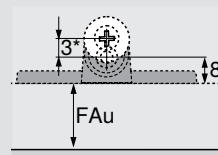
Screw-on catch plate planning



For drilling



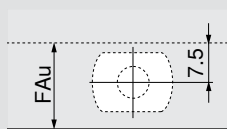
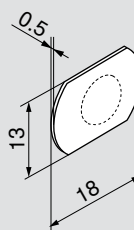
Straight adapter plate



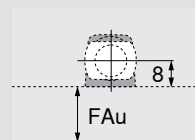
Cruciform adapter plates

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

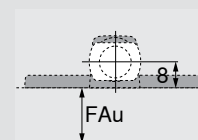
Glue-on catch plate planning



For drilling



Straight adapter plate



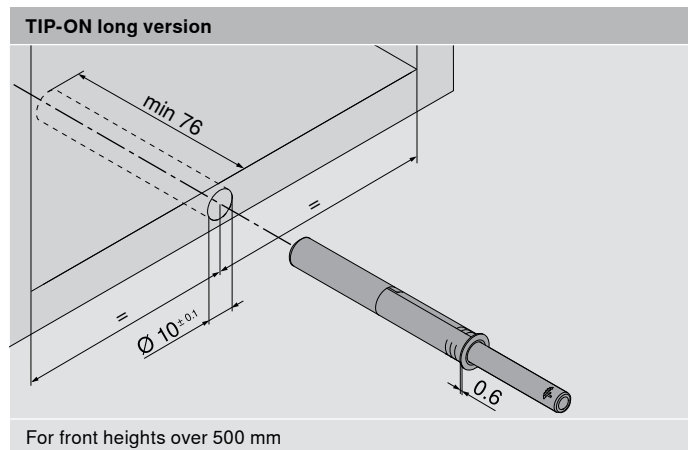
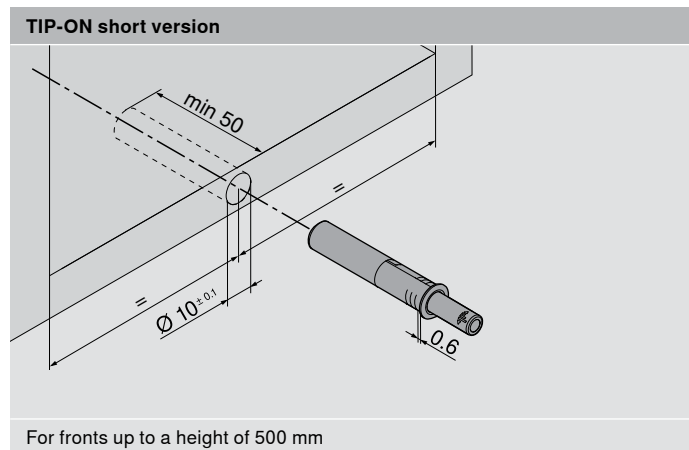
Cruciform adapter plates

AVENTOS HK top

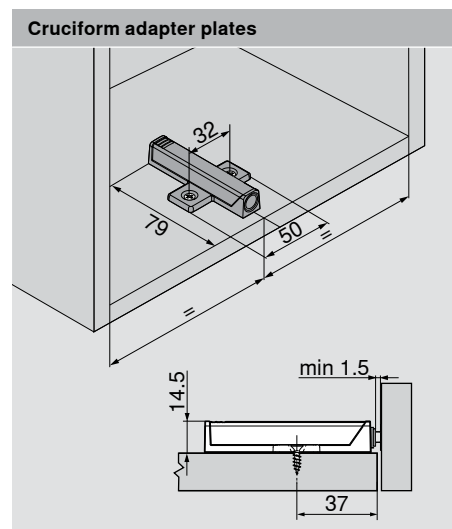
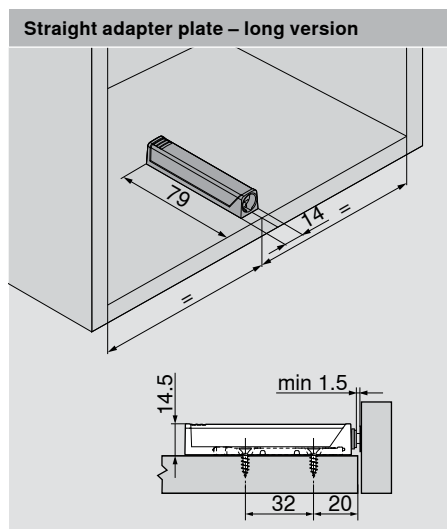
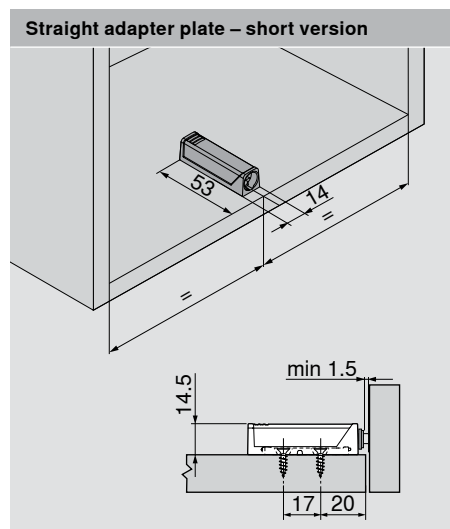


TIP-ON planning

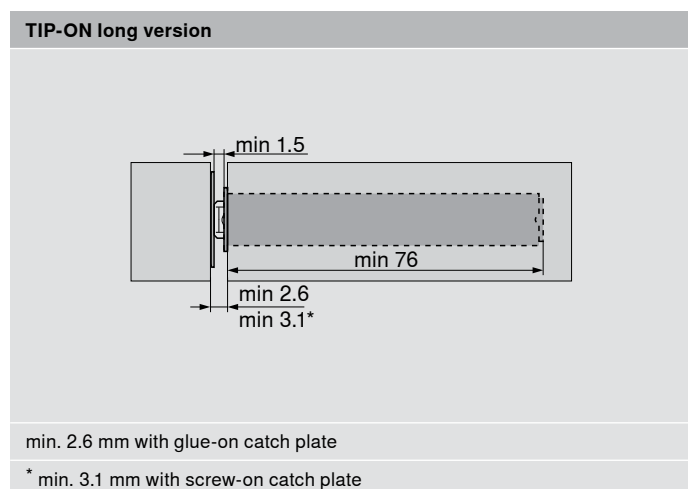
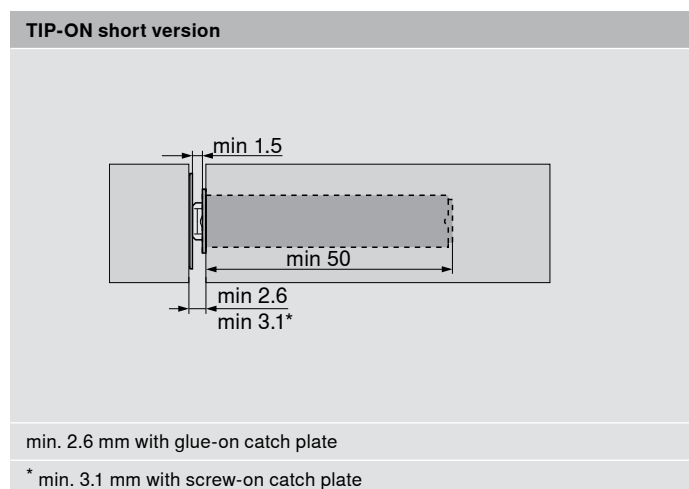
TIP-ON for drilling fixing position



TIP-ON adapter plate fixing position



Installation dimensions for front gap



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