

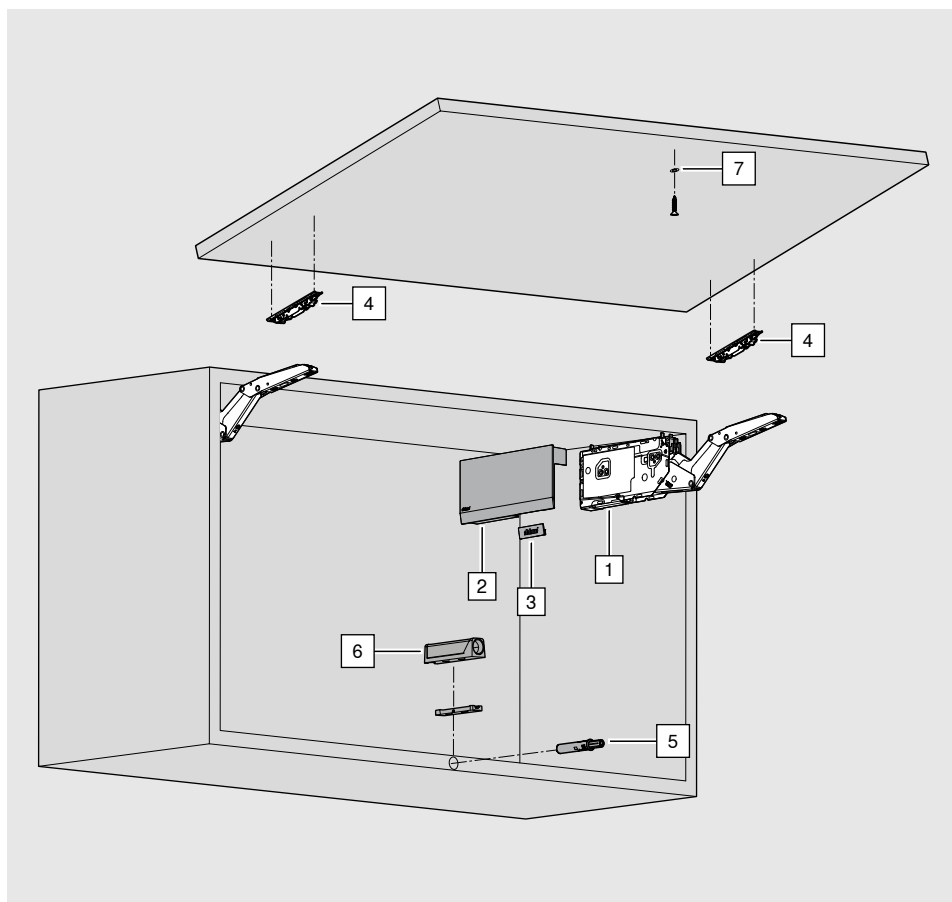


AVENTOS HK top

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	22K2311	22K2311T
	930–2.800	max. 107°	max. 107°	2 x	22K2511	22K2511T
	1.730–5.200	max. 107°	max. 100°	2 x	22K2711	22K2711T
	3.200–9.000	max. 107°	max. 100°	2 x	22K2911	22K2911T
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	22K2301	22K2301T
	930–2.800	max. 107°	max. 107°	2 x	22K2501	22K2501T
	1.730–5.200	max. 107°	max. 100°	2 x	22K2701	22K2701T
	3.200–9.000	max. 107°	max. 100°	2 x	22K2901	22K2901T
Max. front weight 18 kg with two lift mechanisms						


LF Power factor
OW Opening angle (infinitely adjustable)

AVENTOS HK top





Order specification

2		Large cover cap
		Plastic light grey, silk white, dark grey
	left/right	1 x 22K8001


3		Small cover cap
		Plastic
	Plain, dark grey	2 x ABD.1000
	Printed ¹ , dark grey	2 x ABD.1000.BL
	Plain, Inmold brushed stainless steel	2 x ABD.1009
	Printed ¹ , Inmold brushed stainless steel	2 x ABD.1009.BL
	can be printed with customer logo – minimum from 1000 pcs	
	¹ with Blum logo	


4		Symmetrical front fixing brackets
		Nickel plated
	Wooden fronts and wide alu frames*	2 x 20S4201
	EXPANDO	2 x 20S42E1
	EXPANDO T	2 x 20S42T1
	Narrow alu frames	2 x 20S4201A

5		TIP-ON
		Plastic
		SW, TS, R7036**
		For drilling
	Short version: up to KH 500 mm	1 x 956.1002
	Long version: from KH 501 mm	1 x 956A1002



6		Straight adapter plate***
		Plastic, screws
		SW, TS, R7036, NI-L**
	Short version	1 x 956.1201
	Long version	1 x 956A1201

Alternative


	Cruciform adapter plate***		
	Plastic, screws		
	R7036**		
	Long version – screws	1 x	956A1501

7		Screw-on catch plate
		Steel, nickel plated
		1 x 955.1008S
	For hard surfaces and/or MDF Ø 2.5 mm pre-drilling and countersinking, if required	

Alternative

	Press-in catch plate		
	Steel, nickel plated		
	Ø 11.5 mm		
	Pre-drill (Ø 5 mm)	1 x	955.1008D
	Glue-on catch plate		
	Steel, nickel plated	1 x	955.1008
	13 x 18 mm		

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, TS= terra black, R7036= RAL 7036 platinum grey, NI-L= nickel-lacquered

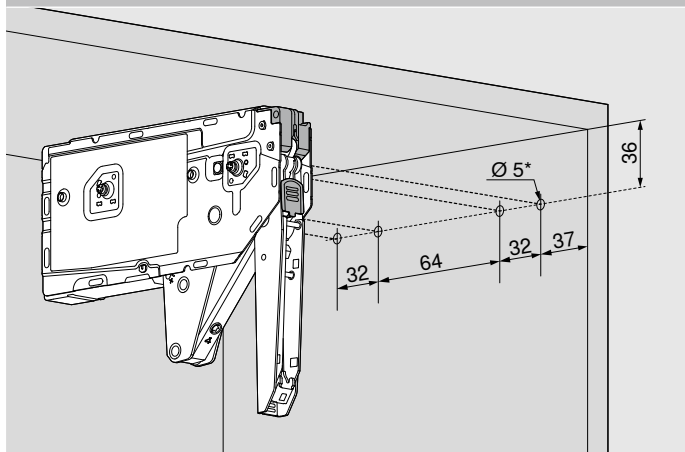
*** Assemble using Ø 3.5 mm or Ø 4 mm chipboard screws. TIP-ON must be ordered separately.

AVENTOS HK top



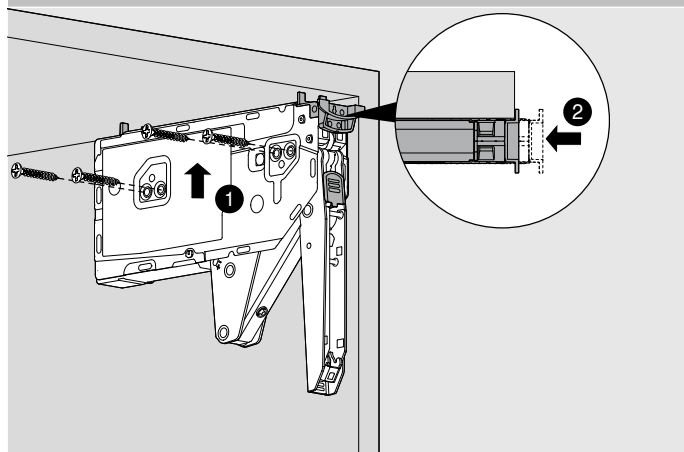
Planning

Fixing positions for lift mechanism with pre-mounted system screws



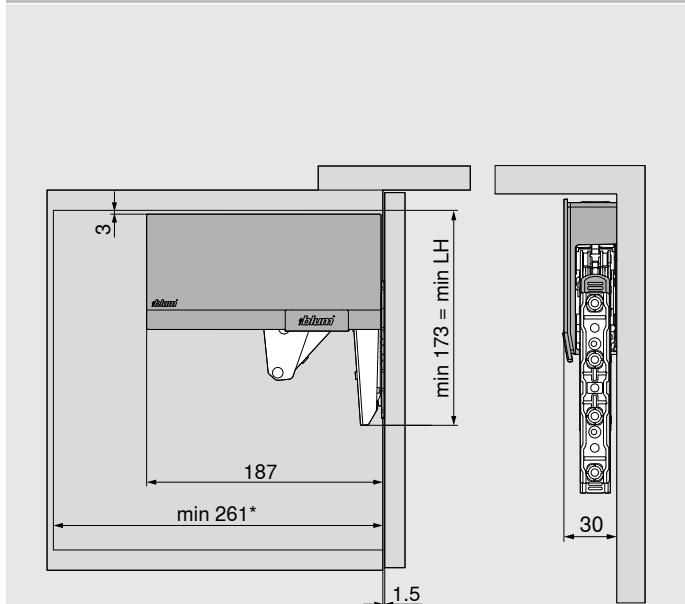
* Drilling depth 11.5 mm

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



4 x Ø 4 x 35 mm

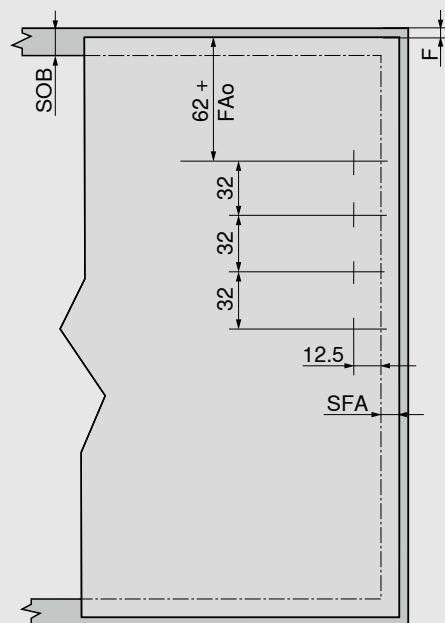
Space requirement



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

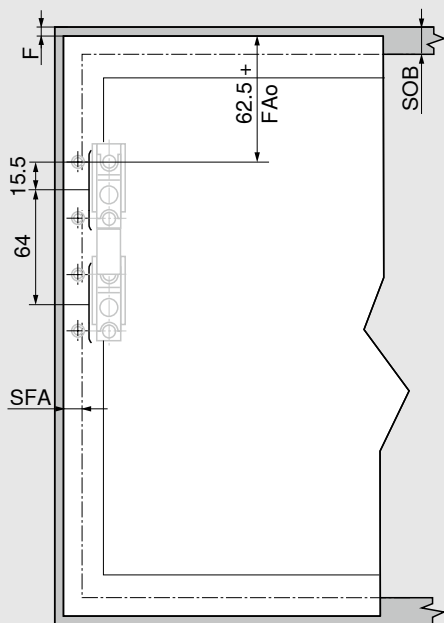
The upper front overlay (FAo) is no more than 25.4 mm

* 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

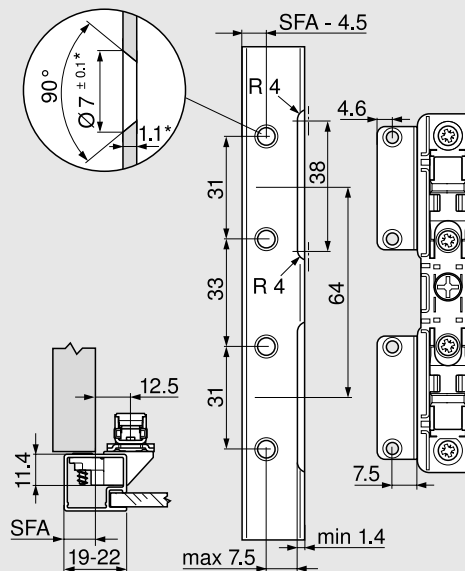
SFA Front overlay of the side panel
SOB Top panel thickness

Front assembly for narrow alu frames



Wall application: Requires 5 mm minimum gap

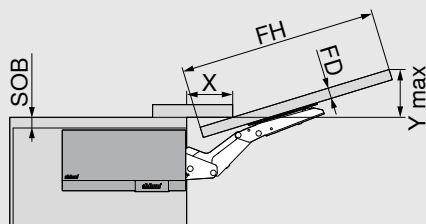
Planning for narrow alu frames



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

* When changing material thickness, adjust the assembly dimensions accordingly

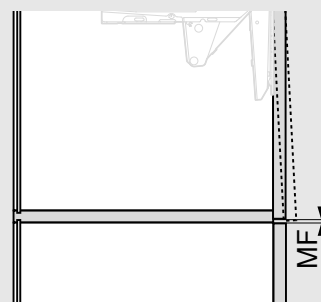
Cornice and crown space requirement



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

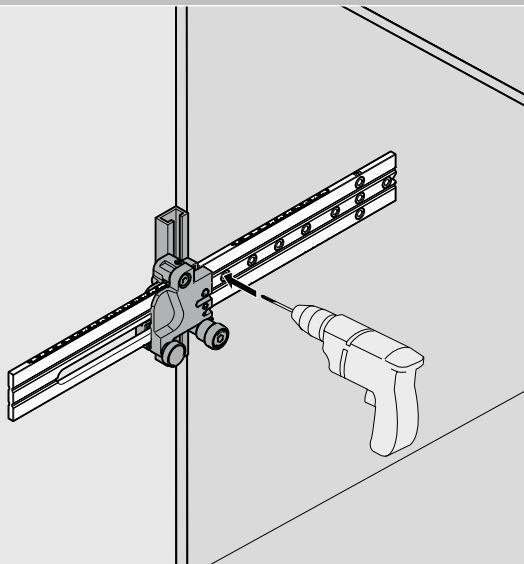
SOB Top panel thickness

AVENTOS HK top



Planning

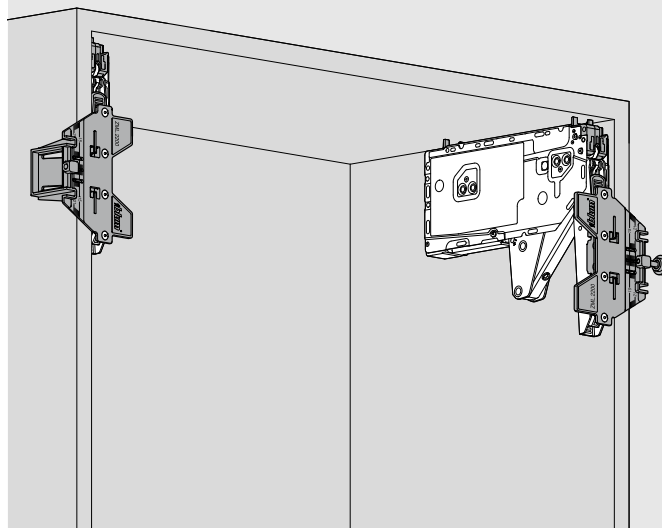
Cabinet assembly



Universal individual template
can be used for all lift systems

65.1051.02

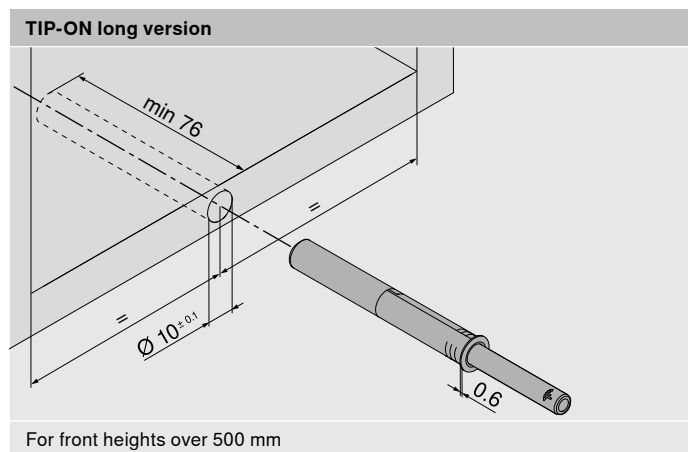
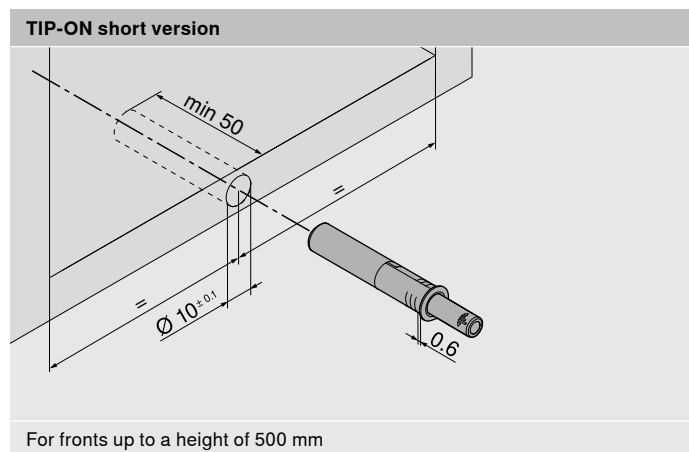
Front assembly template



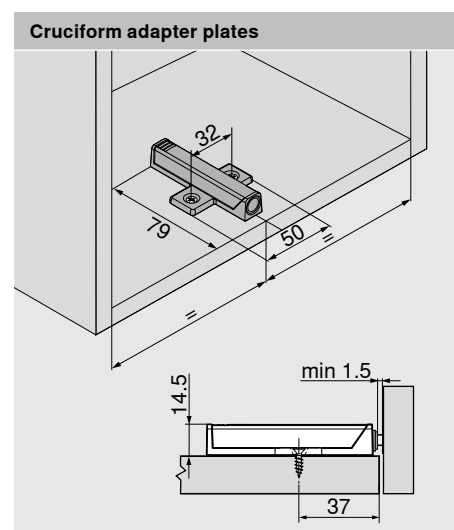
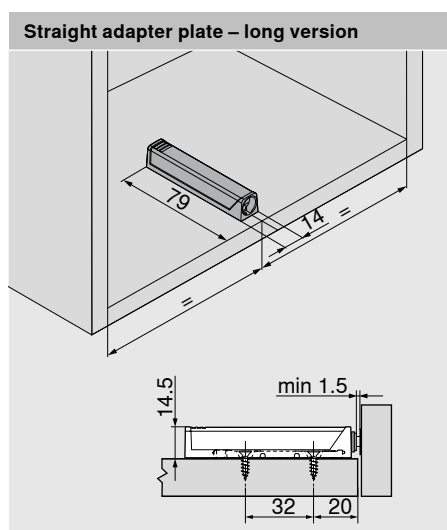
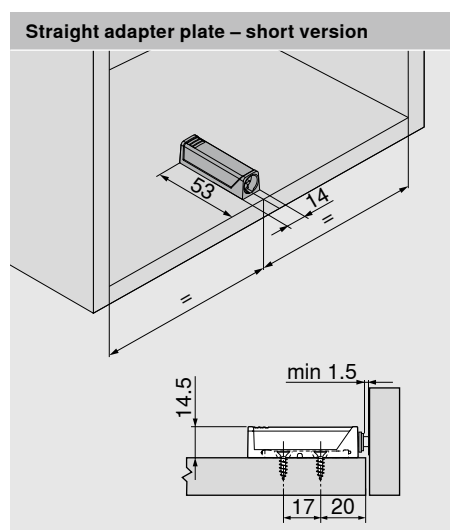
Marking template for AVENTOS HK top
for front fixing

ZML.2200

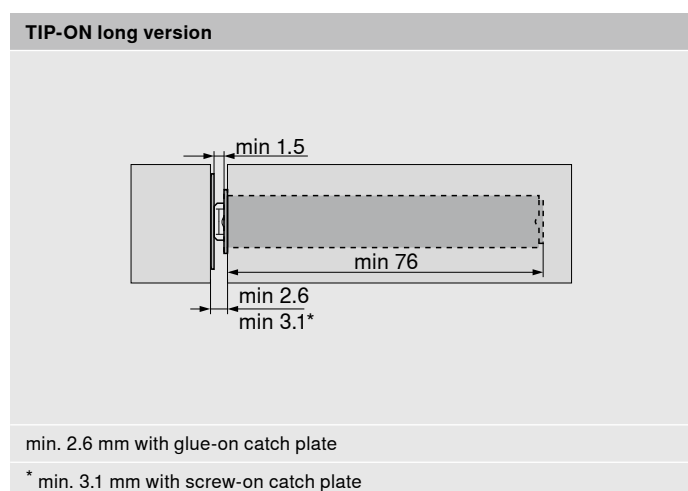
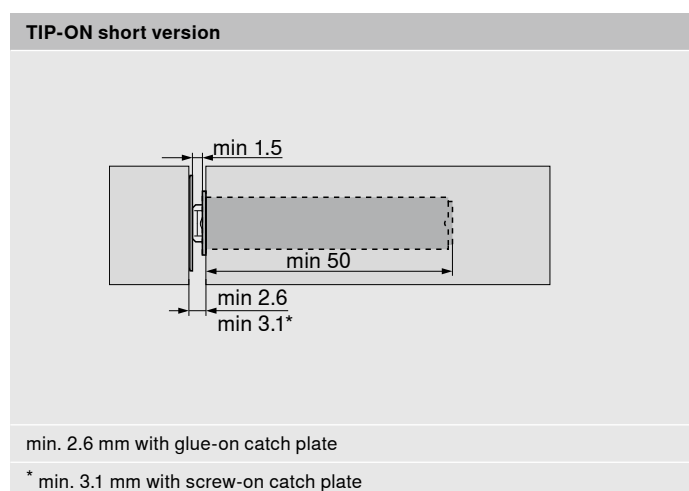
TIP-ON for drilling fixing position



TIP-ON adapter plate fixing position

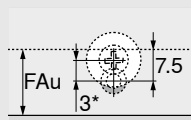
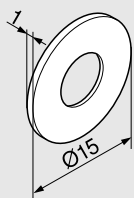


Installation dimensions for front gap

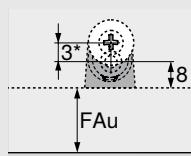


Installation dimension catch plate

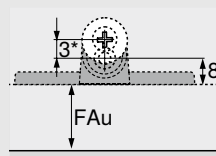
Screw-on catch plate planning



For drilling



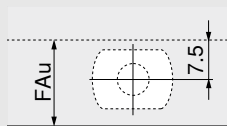
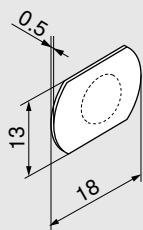
Straight adapter plate



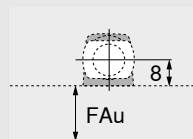
Cruciform adapter plates

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

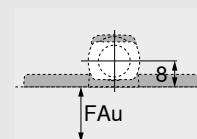
Glue-on catch plate planning



For drilling



Straight adapter plate



Cruciform adapter plates

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