

TIP-ON

inside



# TIP-ON for AVENTOS HK

The mechanical opening support system for handle-less stay lifts

Simply press and it opens





# Easy of opening

## for handle-less stay lifts

Whether it's the kitchen, bathroom, living room or bedroom – handle-less furniture has long been a popular element in modern furniture design. TIP-ON, our mechanical opening support system, makes it easy to open handle-less furniture (now also available for our AVENTOS HK fitting). Just a brief touch – and handle-less stay lifts open: This is surprisingly easy and very practical especially in the kitchen.



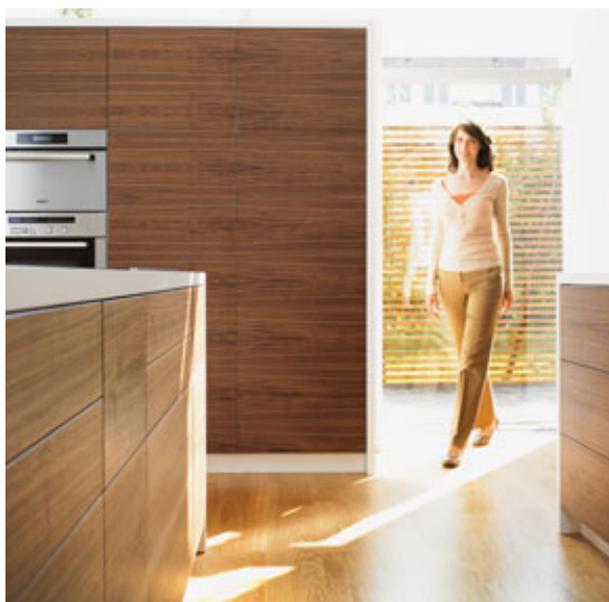
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# Functionality that inspires



# Functional opening and secure closing



Opening handle-less stay lifts is very easy and effortless with TIP-ON for AVENTOS HK: Just press on the furniture front and the lift system opens far enough so that it can be easily moved upwards by hand.

To close, all you need do is press lightly on the lift system. The TIP-ON unit includes a magnetic catch plate that is attached to the inside of the front ensuring secure closing.

## TIP-ON for the entire kitchen

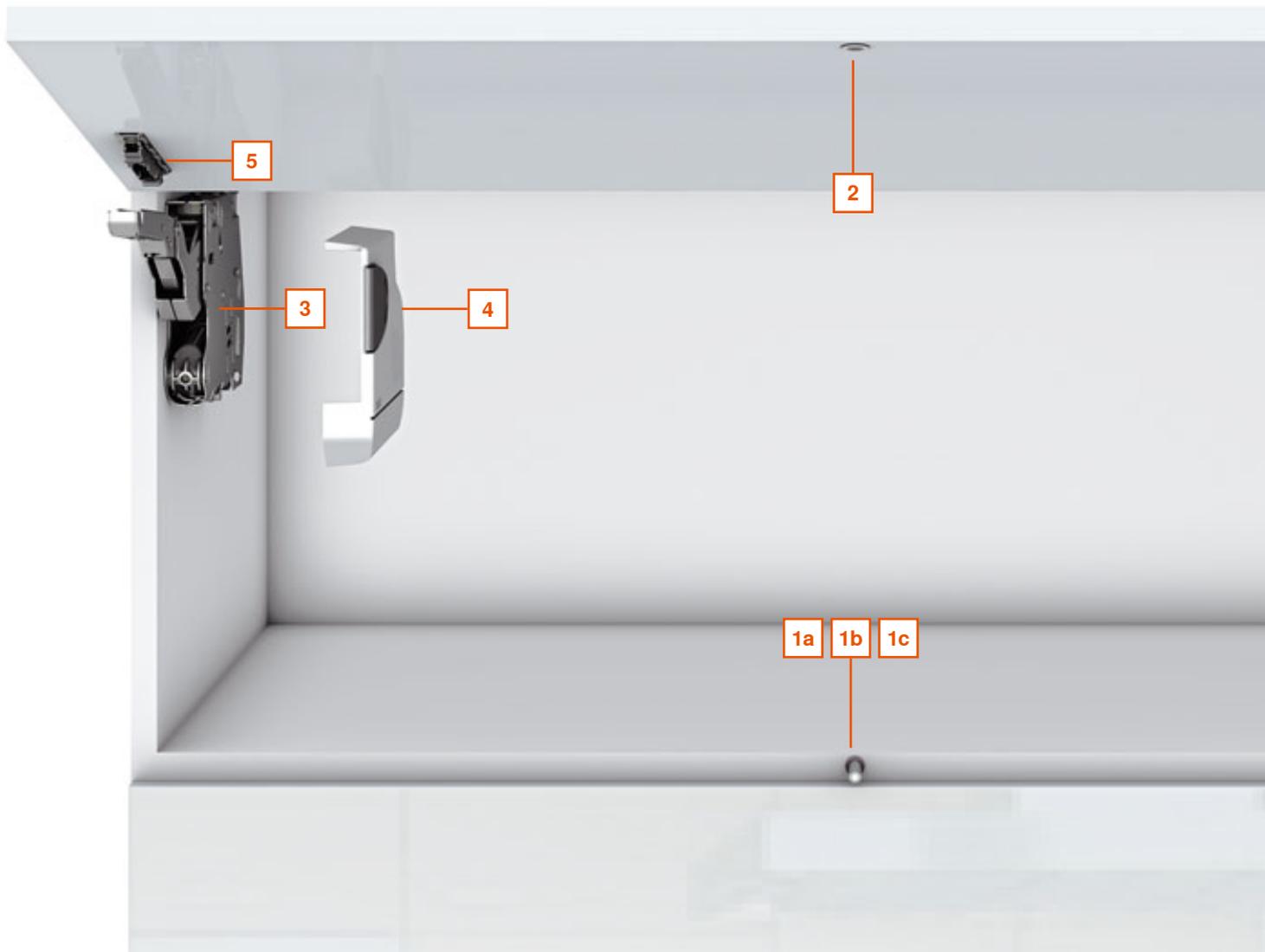
Handle-less stay lifts can now also be opened with TIP-ON along with handle-less doors and pull-outs. The AVENTOS HK lift mechanism has been specially designed for TIP-ON. Whether it's the bathroom, living room or bedroom – the functional opening comfort of TIP-ON also inspires in other living areas.



## TIP-ON – user-friendly and high quality

- The TIP-ON mechanism remains undamaged even when the lift system is raised manually.
- This innovative Blum solution is made of high-quality components and will last for the lifetime of the furniture.

# Components:



All TIP-ON for AVENTOS HK components at a glance



**1a** TIP-ON unit for drilling



**1b** TIP-ON unit horizontal adapter plate



**1c** TIP-ON unit cruciform adapter plate



**2** Screw-on catch plate



The mechanical opening support system for the AVENTOS HK stay lift is characterised by a manageable programme. All common stay lift dimensions can be implemented.

The TIP-ON unit comes in two versions: a standard version for cabinet heights under 500 mm and a long version for cabinets 500 mm and higher.

**i**

#### Note

The glue-on catch plate should not be used in combination with TIP-ON for AVENTOS HK



**3** Lift mechanism specially designed for TIP-ON for AVENTOS HK



**4** Standard cover caps



**5** Standard front fixing bracket

# Assembly and adjustment

## Assembly in just a few steps

We have even paid attention to extremely easy assembly for TIP-ON for AVENTOS HK – as with all of our other products. The assembly of individual parts takes just a few steps.



**1.** TIP-ON assembly is carried out in the centre of the cabinet bottom panel. Our drilling template makes this quite simple.



**2.** For assembly with an adapter plate, the plate is attached to the centre of the cabinet bottom panel.



**3.** The TIP-ON unit can also be attached to the side of the cabinet panel.



**4.** The screw-on catch plate is screwed in by hand.



**5.** The lift mechanism is attached quickly and easily to the cabinet.



**6.** After removing the transportation lock, the lever on the lift mechanism can be opened.

# Exact fine adjustment, fast adjustment

Final adjustment can also be carried out safely and easily: The fine adjustment to opening and closing forces is carried out via the lift mechanism. A calibration feature helps in this regard. Then the front height, width and tilt can be set exactly in 3 dimensions.

## Perfect motion requires a precise setting:



The fine adjustment to the opening and closing forces on the lift mechanism is made using an electric screwdriver (Pozidriv®, size 2, length 39 mm).



If the lift system falls when let go, it must be turned to the right.



If the lift system rises when let go, it must be turned to the left.



### Warning

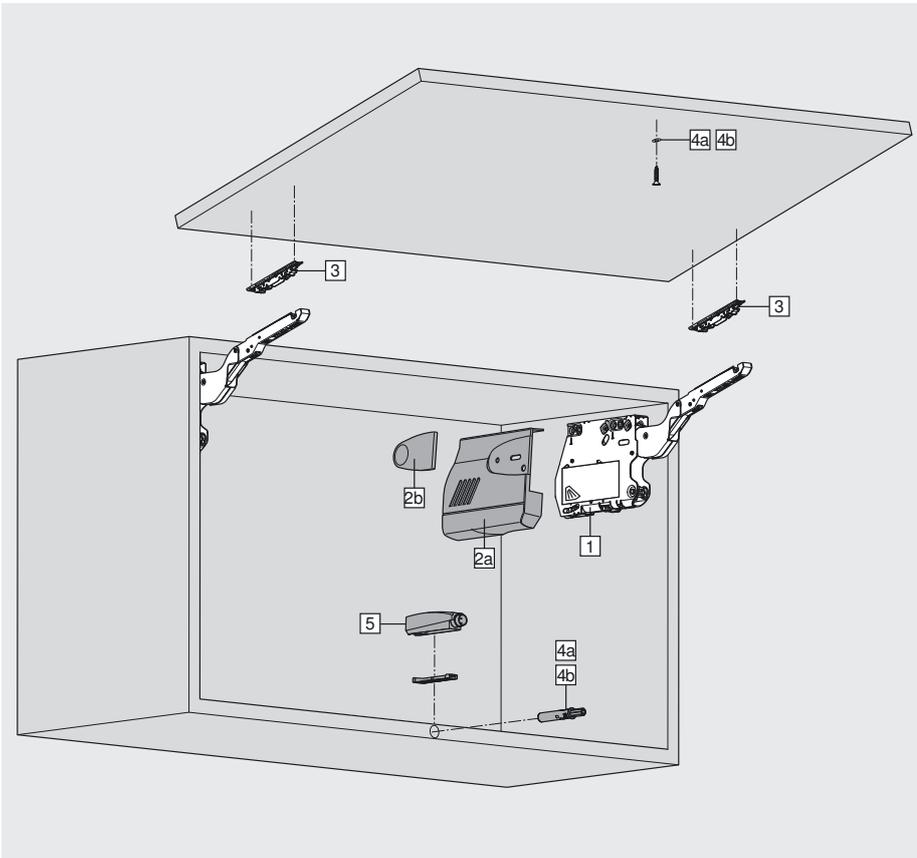
There is a danger of injury if the lever springs upward. After opening, do not push down on the lever.

Special warning and safety information must be added for use in North America.



The front can be set in 3-dimensions by hand.

# Order specification



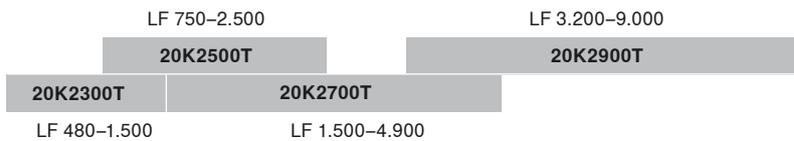
4 types of lift mechanisms are enough to cover a wide range of applications.

Using the power factor, you can calculate the required lift mechanisms. The power factor required depends on the weight of the front and the cabinet height.

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



This is how it's done:  $\text{Power factor} = \text{cabinet height (KH) [mm]} \times \text{door weight}$



■ Lift mechanism two-sided

LF Power factor

A trial application is recommended when you are in a borderline area for the individual lift mechanism.

1	Lift mechanism set		
	Power factor LF	Opening angle	
	480-1.500	107°	20K2300T
	750-2.500	107°	20K2500T
	1.500-4.900	107°	20K2700T
	3.200-9.000	100°	20K2900T
	Max. door weight 18 kg for two lift mechanisms		
	<b>Composed of:</b>		
	2 x symmetrical lift mechanisms		
	6 x chipboard screws, Ø 4 x 35 mm		



<b>2</b>	<b>Cover cap set</b>	
	light grey, silk white, nickel-lacquered	<b>20K8000</b>
	<b>Composed of:</b>	
<b>2a</b>	2 x cover plates left/right	
<b>2b</b>	2 x cover caps small	

<b>3</b>	<b>Front fixing bracket set</b>	
	Nickel plated	
	Wooden fronts and wide alu frames <sup>1)</sup>	<b>20S4200</b>
	Narrow alu frames	<b>20S4200A</b>
	<b>Composed of:</b>	
	2 x symmetrical front fixing brackets	

<b>4a</b>	<b>TIP-ON "standard" set</b>	
	For drilling Ø 10 x 50 mm	
	RAL 7037 nylon, dust grey	<b>955.1004</b>
	With magnet	
	Output path approx. 18 mm	
	for fronts up to a height of 500 mm	
	Incl. glue-on and screw-on catch plates	

<b>4b</b>	<b>TIP-ON "long version" set</b>	
	For drilling Ø 10 x 76 mm	<b>955A1004</b>
	RAL 7037 nylon, dust grey	
	With magnet	
	Output path approx. 38 mm	
	For front heights over 500 mm	
	Incl. glue-on and screw-on catch plates	

<b>5</b>	<b>Adapter plate</b>	
	Horizontal adapter plate	
	Zinc, nickel plated	<b>955.5201</b>
	Nylon 7036 platinum grey	<b>955.1201</b>
	Cruciform adapter plate	
	Nylon 7036 platinum grey	
	Screw-on	<b>955.1501</b>
	EXPANDO	<b>955.15E1</b>
	TIP-ON must be ordered separately	
	Assembly with chipboard screws Ø 3.5 mm or Ø 4mm	

	<b>Opening angle stop</b>	
	Nylon	
	100°	2 x <b>20K7041</b>
	75°	2 x <b>20K7011</b>

	<b>Universal individual template</b>	
	For pre-drilling peg positions for all AVENTOS lift mechanism types	
		<b>65.1051.01</b>

	<b>Drilling template</b>	
	For drilling TIP-ON	<b>65.5010</b>

	<b>Template</b>	
	To pre-drill fixing positions of adapter plates	<b>65.5310</b>

	<b>Catch plate positioning template</b>	
	For determining the screw-on position of the TIP-ON catch plate	<b>65.5210</b>

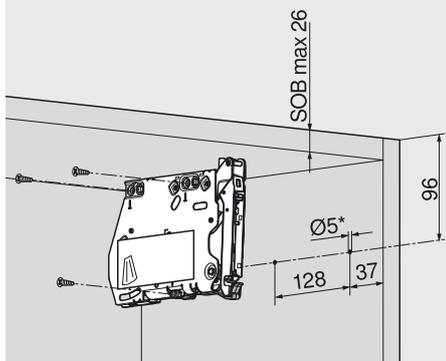
	<b>Bit PZ cross slot</b>	
	Size 2, length 39 mm	<b>BIT-PZ KS2</b>

<sup>1)</sup> Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 counter sunk self tapping screws (660.0950) for wide alu frames.

Notice: The glue-on catch plate should not be used in combination with TIP-ON for AVENTOS HK

# Planning information

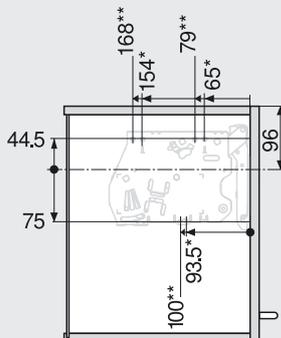
## Peg positions for lift mechanism



\* Drilling depth 5 mm

SOB Top panel thickness

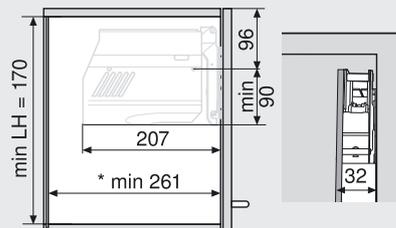
## Fixing positions for lift mechanism



\* left \*\* right

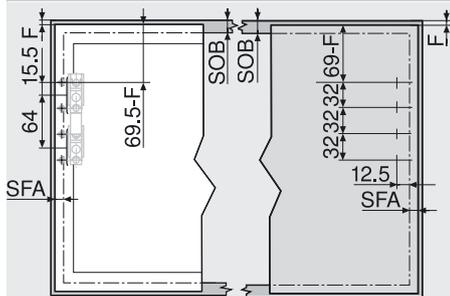
3 x  $\text{Ø} 4 \times 35 \text{ mm}$

## Space requirement



\* min. 261 with visible wall hanging bracket

## Front assembly



Narrow alu frames

Wooden fronts and wide alu frames<sup>1)</sup>

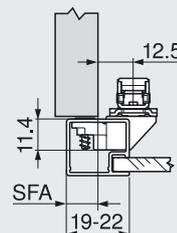
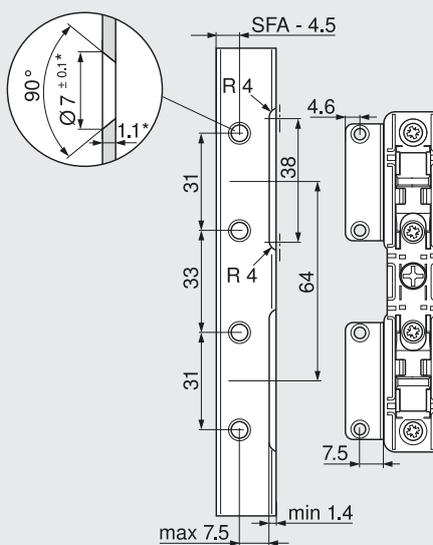
Wall application: Requires 5 mm min. gap

SOB Top panel thickness

F Gap

SFA Side front overlay

## Planning narrow alu frames

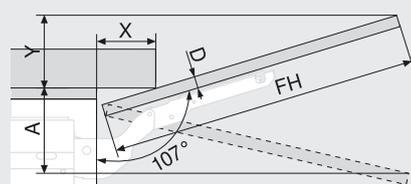


SFA Side front overlay

For frame width 19 mm, a SFA of 11-18 mm is possible

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

## Cornice and crown moulding clearance



D (mm)	16	19	22	26	28
X (mm)	70	59	49	35	26

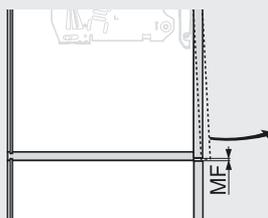
Without OEB  $Y = FH \times 0.29 - 15 + D$

OEB 100°  $Y = FH \times 0.17 - 15 + D$

OEB 75°  $A = FH \times 0.26 + 15 - D$

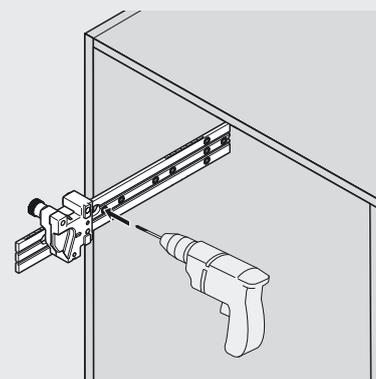
OEB = Opening angle stop

## Minimum gap



MF Minimum gap for opening (2 mm)

## Cabinet assembly

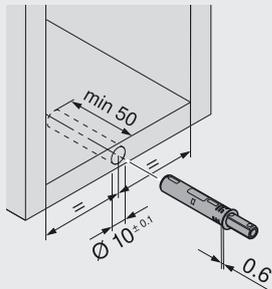


<sup>1)</sup> Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 counter sunk self tapping screws (660.0950) for wide alu frames.



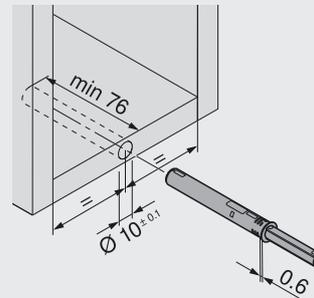
### TIP-ON fixing position

Standard



For fronts up to a height of 500 mm

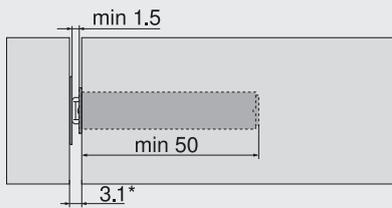
Long version



For front heights over 500 mm

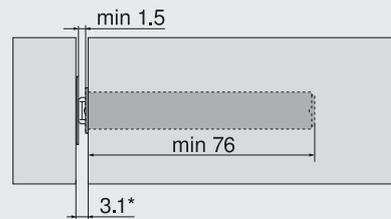
### TIP-ON installation dimension

Standard



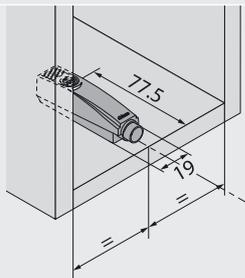
\* min. 3.1 mm with screw-on catch plate

Long version

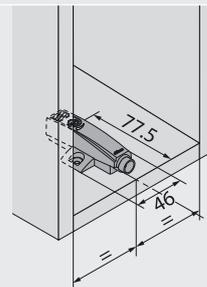


### Adapter plate fixing position

Horizontal adapter plate

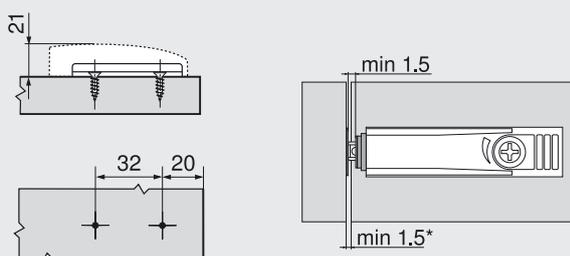


Cruciform adapter plate



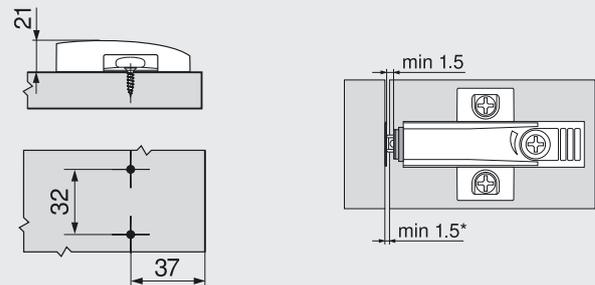
### Adapter plate installation dimension

Horizontal adapter plate



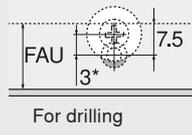
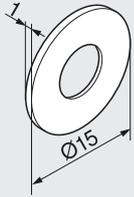
\* Factory setting = 2 mm

Cruciform adapter plate

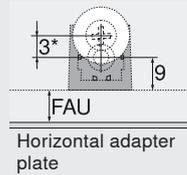


\* Factory setting = 2 mm

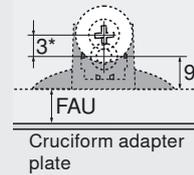
### Screw-on catch plate planning



For drilling



Horizontal adapter plate



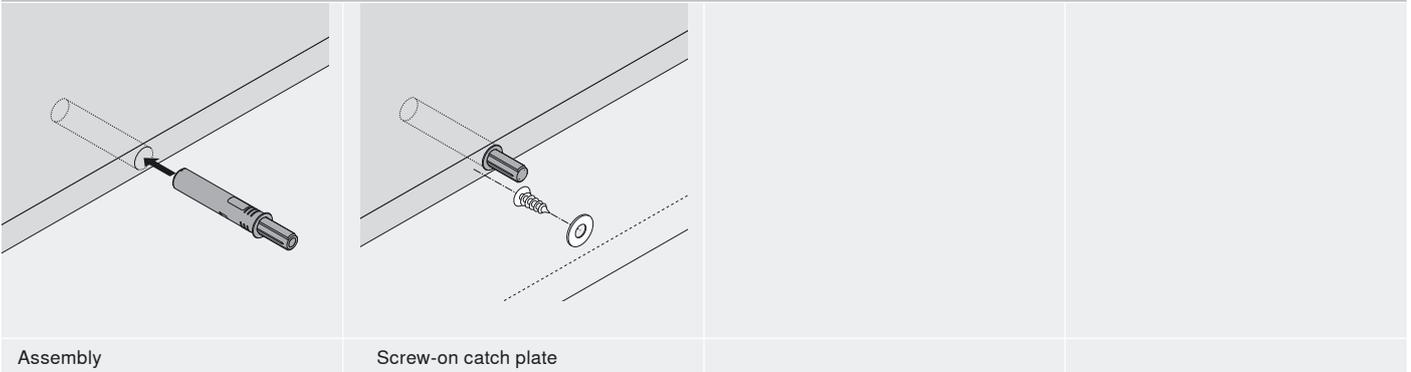
Cruciform adapter plate

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

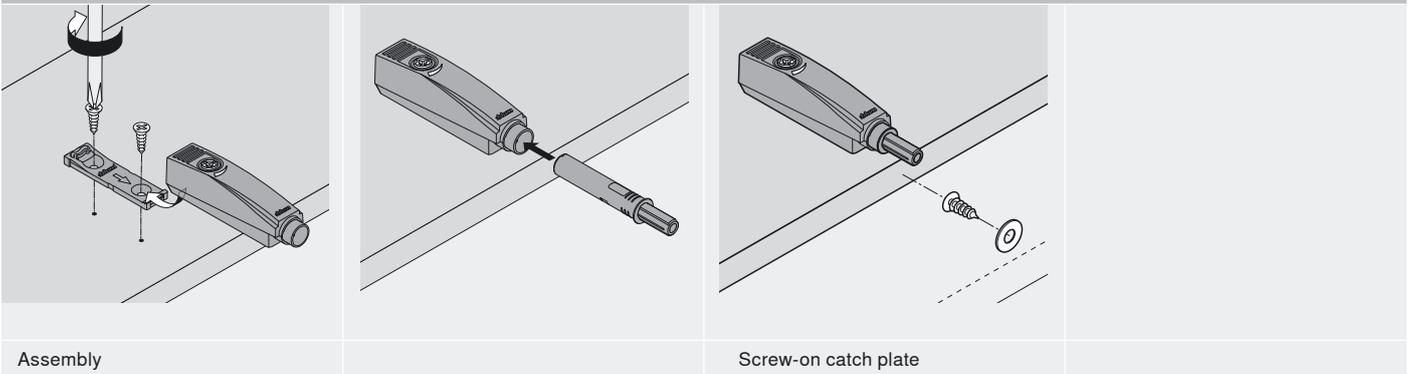
FAU = Lower front overlay



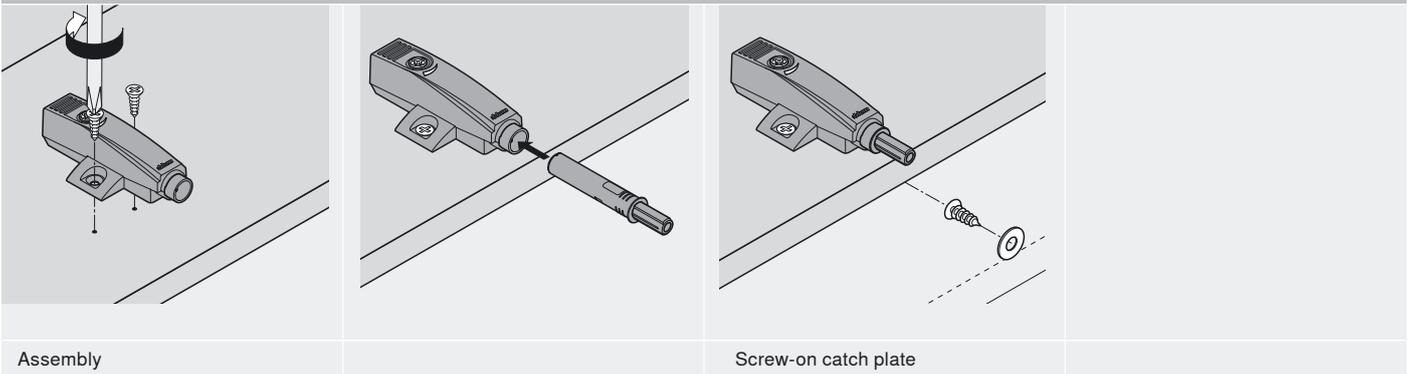
## For drilling



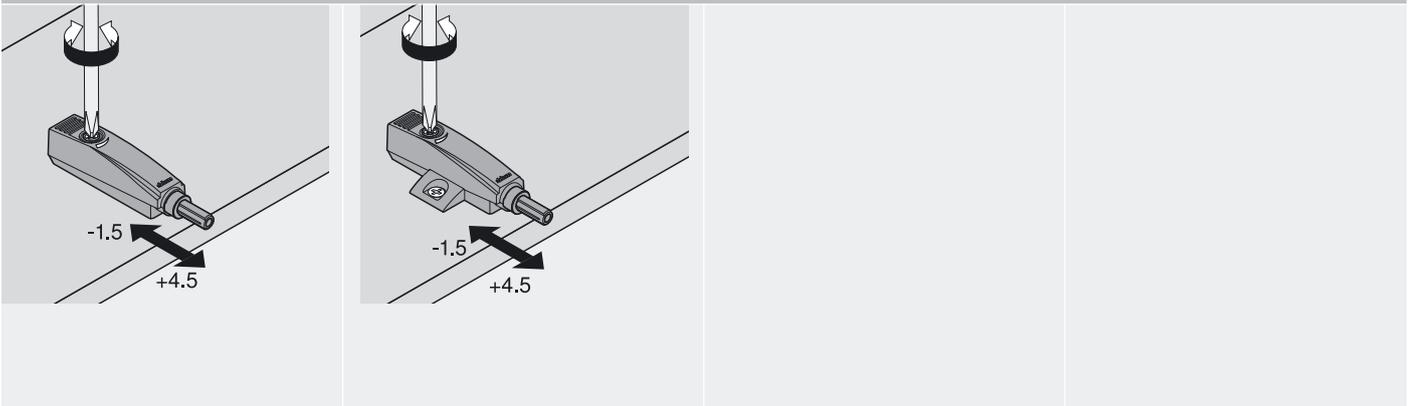
## Horizontal adapter plate



## Cruciform adapter plate



## Adjustment



## TIP-ON is versatile

Always a **reliable**  
handle-less solution



TIP-ON for AVENTOS HK provides functional, mechanical opening support for stay lifts. With versatile application options, it rounds off our product line for easy opening of handle-less furniture. It provides an opening support system for pull-outs, doors and lift systems – in other words for the entire living area.



### TIP-ON – Advantages at a glance:

- Easy to open with just a touch
- Secure closing by pushing
- Easy assembly and adjustment

For more information and to download our brochures, go to:  
[www.blum.com](http://www.blum.com)

# Comfort for the wall and base cabinet

Other TIP-ON solutions for functional opening comfort:



## TIP-ON for TANDEMBOX

The solution for steel handle-less pull-out systems is characterised by extreme ease. A light touch is enough and the handle-less pull-outs open easily and effortlessly.



## TIP-ON for TANDEM

The mechanical ease of opening of TIP-ON is also available for handle-less wooden pull-outs and drawers.



## TIP-ON for doors

The same opening comfort available for handle-less metal and wooden pull-out systems is also available for handle-less doors. Simply press.

# Perfecting motion



## Our understanding of perfect motion

Blum turns the opening and closing of furniture into an experience that significantly increases the comfort of motion in the kitchen. Several thousand employees are continually working worldwide implementing our concept of perfect motion. Within this process, we place the needs of the kitchen user as the focus of our actions. We are only satisfied when the kitchen user is satisfied. All of our partners who participate in the furniture making process profit from this focus.

For over 50 years, quality has been the highest principle for the development and manufacture of our products. Our fittings systems shout "high quality" with their well-thought-out function, recognised design and high durability. They are designed to inspire and trigger fascination for perfect motion. We also set the bar very high for the services we offer. They must provide the best possible support to our partners.

So that we can target our efforts at all levels, we are in a constant dialogue with kitchen users and regularly exchange information with furniture manufacturers, joiners and distributors.





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