

Nothing less  
than everything:  
**AVENTOS HKi**





# Discover hidden forces

What if the beauty of a stay lift came from the outside and the force from within? Thanks to its narrow and compact design, AVENTOS HKi can be fully integrated into the cabinet side. The stay lift fitting blends seamlessly into the furniture and opens up new design possibilities with high aesthetic quality. You get pure and unadulterated furniture with complete design freedom. Nothing less than everything.





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## Elegant presentation

A cabinet is much more than a storage place for useful items. With attractive glass fronts, it is a presentation area for everything special. No matter the room, AVENTOS HKI is always an eye-catcher with which you can effortlessly impress your guests.





## Visible elegance meets concealed sophistication

AVENTOS HKi is unique in that it blends seamlessly into furniture, regardless of type of front. So even if you use wall cabinet fronts with clear glass inserts, it will be concealed from view when the cabinet is closed. When open, lever arms emerge in onyx black. They merge beautifully with dark surfaces or create visual impact in light-coloured furniture.

Watch the promotional trailer  
and find out more here:  
[www.blum.com/aventoshki](http://www.blum.com/aventoshki)



## A world full of possibilities

Be it fronts made from wood or MDF, or even glass with narrow or wide alu frames – with AVENTOS HKi, your design possibilities are limitless.



# Minimalist design

Of course, the kitchen is a work area which should be designed as practically as possible. However, that doesn't mean that you can't set an example for exceptional design. If you like minimalist style, you will love the integrated AVENTOS HKi fitting. Everything is possible – ergonomics combined with minimalist design!



## All AVENTOS benefits included

- Enhanced ease of use of wall cabinet
- Easy access to storage items
- Variable stop ensuring that front will hold in desired position
- Full freedom of movement
- Perfect alignment of base unit and wall cabinet gaps
- Increased quality and functionality of the furniture



# Easy opening, soft and effortless closing

Motion technologies by Blum deliver enhanced user convenience to AVENTOS HKi and are integrated in the lift mechanism. The TIP-ON mechanical opening system gives you one-touch opening, or fronts close softly and effortlessly with the BLUMOTION system.

**BLUMOTION**

by Blum

**TIP-ON**

by Blum

Side panel thickness

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16-25 mm

AVENTOS HKi is so compact that it will fit into cabinets sides that are just 16 mm thick. You are also spoilt for choice when it comes to cabinet dimensions. All standard dimensions are covered: for cabinets up to 600 mm high and 1800 mm wide.







## Pre-routed raw boards set

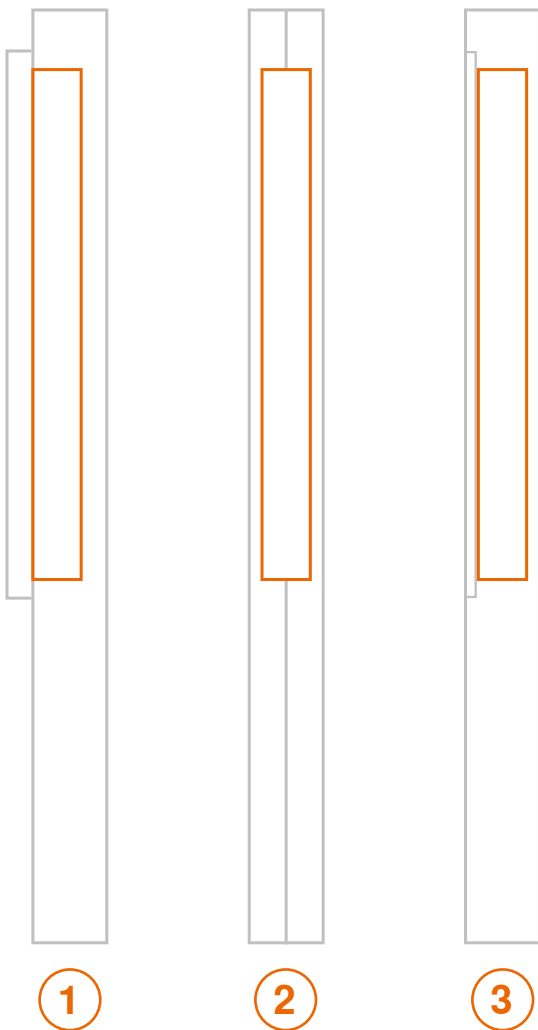
Do you prefer to outsource as many work steps as possible? Then simply order an MDF raw boards set, which already has the central recess for AVENTOS HKi. Cut the raw board measuring 600 mm x 450 mm x 19 mm to your desired size and attach facings or varnish the raw board according to your requirements. A spacer is inserted in the recess, providing protection during transportation and making assembly easier for you.



# Choose the right manufacturing process for you

If you prefer to work in your own workshop using a CNC machine or router, you can choose from a wide range of manufacturing options to implement AVENTOS HKi. You can opt for a semi-integrated application with a cover cap ① or a variety of fully integrated applications, e.g. using a two-piece panel ② or multi-stage milling with insert panel ③.

**Based on your preferred method, you can select from other individual assembly options. Please get in touch with your Blum contact.**



## Customisation with cover caps

It is very easy to add customised branding with the semi-integrated application of the lift mechanism ①. Simply route a recess in the surface of the side panel, insert AVENTOS HKi with a matching-coloured cover cap and add the desired branding element, and that's it!





### Templates for precise routing

We have not only developed a special copy router but also various routing templates so that you can precisely route a recess in the side panel for the lift mechanism and insert panel ③.







#### **Slide-in**

Step 1: Slide the lift mechanism completely into the recess.

## **Slide-in, secure, clip on**

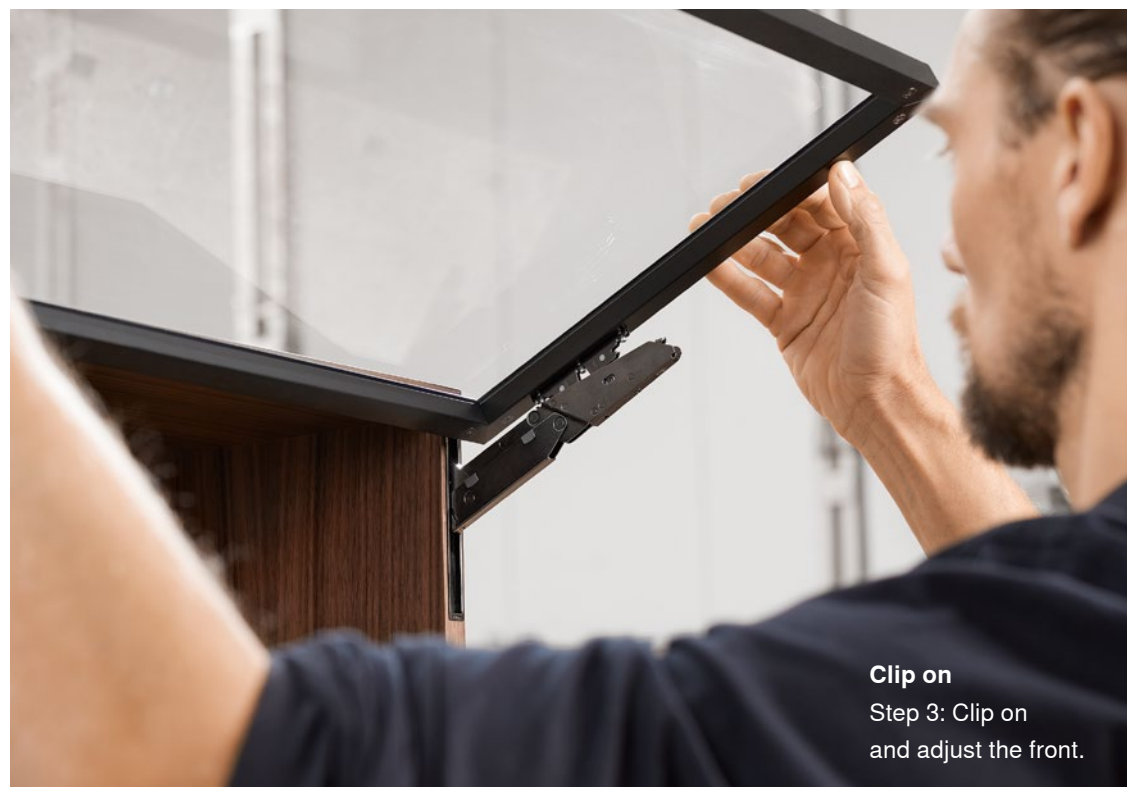
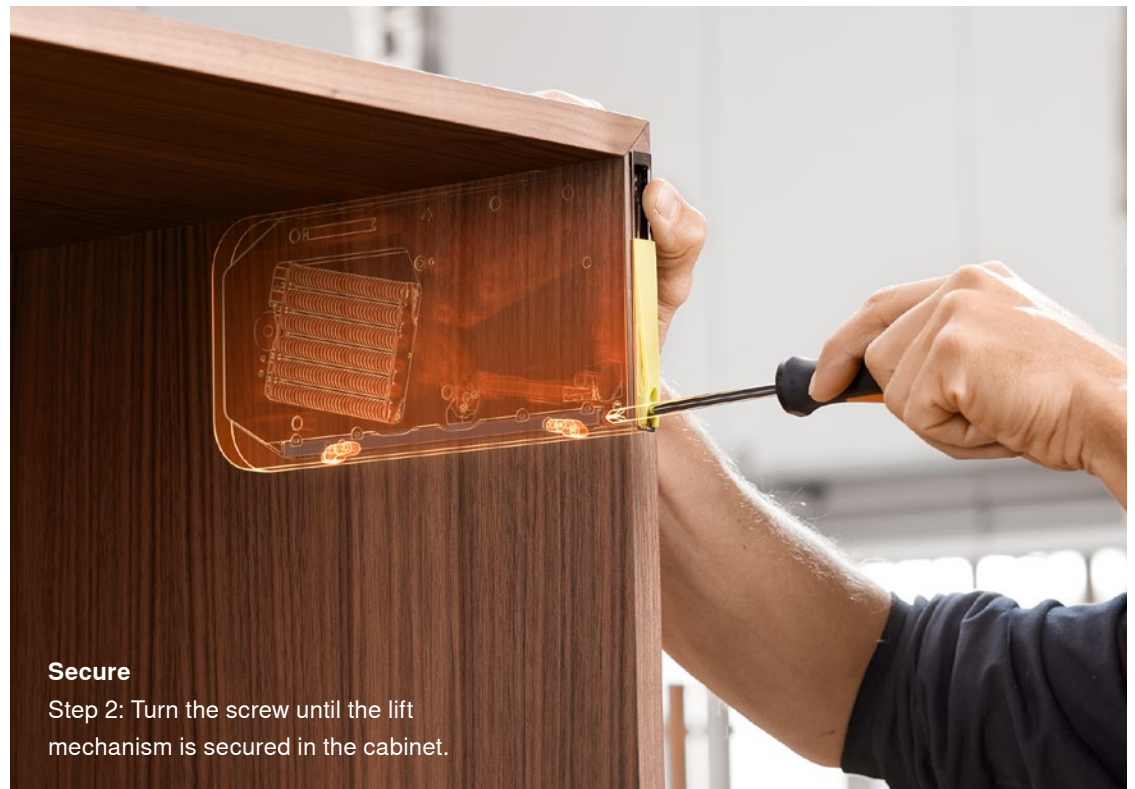
Everything has been carefully considered: the installation of AVENTOS HKi is very convenient. Simply insert the lift mechanism into the central recess. The lift mechanism is secured by means of a feed-out system with the turn of a screw. Clip on the front and use the three dimensional adjustment feature to produce perfect gap alignment. The cabinet will remain intact should removal ever be required.



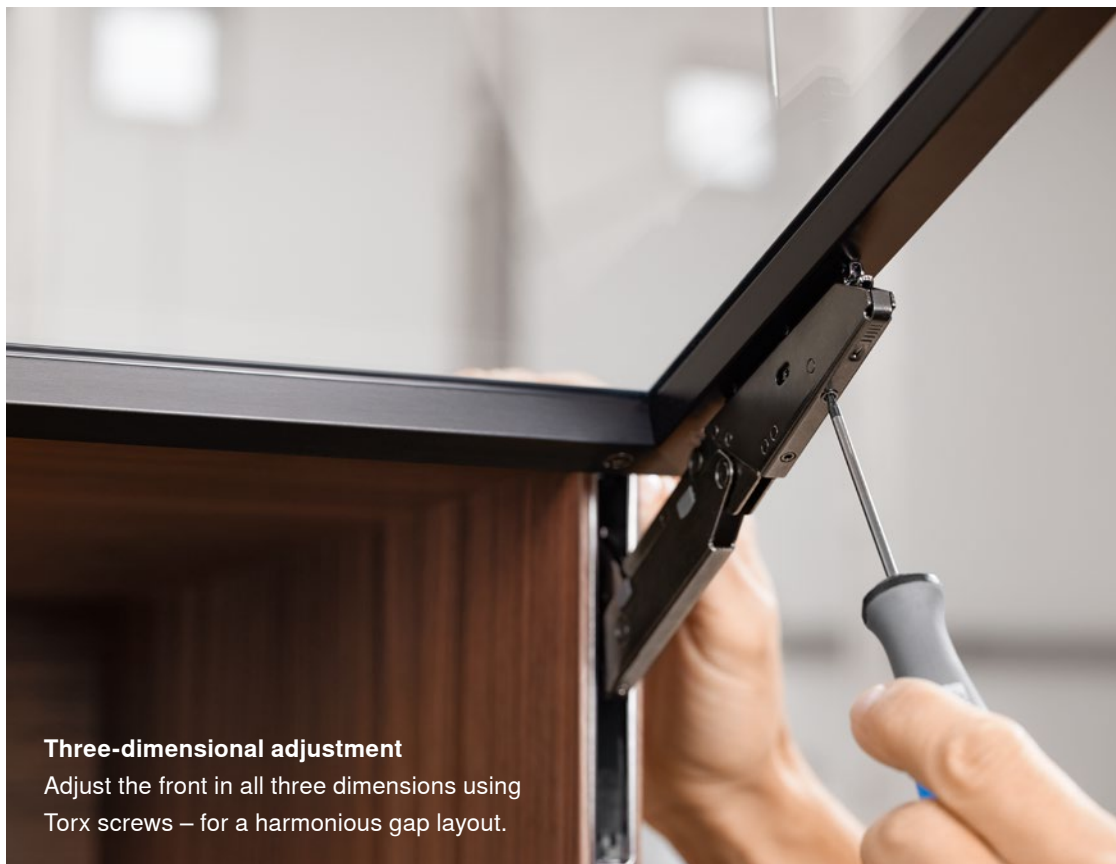
Watch the assembly video here:

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









### **Three-dimensional adjustment**

Adjust the front in all three dimensions using Torx screws – for a harmonious gap layout.



### **Integrated opening angle stop**

The integrated opening angle stop allows you to adjust how far the front should open.



# Familiar ease of installation

AVENTOS HKi offers all the convenience that you are used to from installing AVENTOS fittings. Despite its compact and narrow design, the fitting has all the familiar functionalities: lift mechanism adjustment from the front, integrated opening angle stop and three dimensional adjustment.



Our EASY ASSEMBLY app provides all the information you need for quick and easy installation and adjustment

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



## Lift mechanism

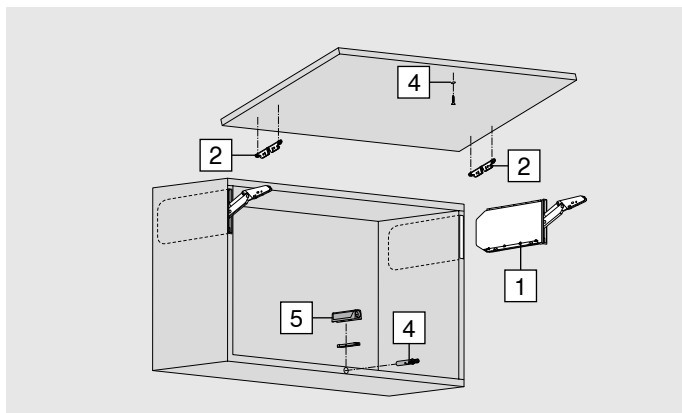
### adjustment from the front

With a cordless screwdriver, adjust the lift mechanism to the weight of the furniture front from the front of the cabinet.

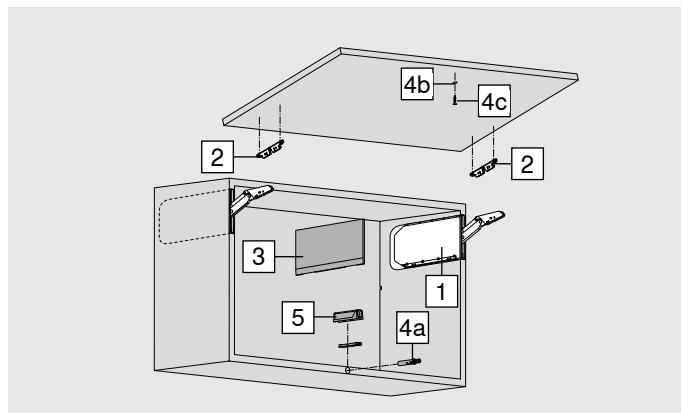



## Ordering information

### Fully integrated lift mechanism installation



### Semi-integrated lift mechanism installation





1	Lift mechanism set		
	LF	OW	
	420–1610	107°	24K2300
	930–2800	107°	24K2500
	1730–5200	107°	24K2700
	2600–7800	107°	24K2800
Consisting of:			
2 x	Symmetrical lift mechanism in onyx black		
LF	Power factor		
OW	Opening angle (infinitely variable adjustment)		
Note: Max. front weight 18 kg with two lift mechanisms!			

1	Lift mechanism set for TIP-ON		
	LF	OW	
	420–1610	107°	24K2300T
	930–2800	107°	24K2500T
	1730–5200	107°	24K2700T
	2600–7800	107°	24K2800T
<b>Consisting of:</b>			
2 x	Symmetrical lift mechanism in onyx black		



**Power factor (LF) = cabinet height (KH) [mm] x front weight incl. double handle weight [kg]**

Using the power factor, you can calculate the number of required lift mechanisms. The power factor required depends on the weight of the front (incl. double the handle weight) and 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. A trial application is recommended when you are in a borderline area of the individual lift mechanism!


2	Symmetrical front fixing bracket		
	Colour		
	Onyx black		
	Fixing method		
	EXPANDO 5 mm	2 x	24K42E1
	Version		
	Narrow and wide alu frames	2 x	24K4201A
3	Cover cap set		
	Material	Colour	
	Nylon	HGR, SW, TGR	24K8000
	Branding element stamped with Blum logo in in-mould brushed stainless steel ABD.1009.BT pre-mounted		
	Required for the semi-integrated lift mechanism installation only		



4	TIP-ON Set		
	For drilling	<b>Material</b>	<b>Colour</b>
		Nylon	SW, CS, R7036
	<b>Version</b>	<b>Cabinet height KH (mm)</b>	
	Short version	Up to 600	956.1004

#### Consisting of:


4a	1 x	TIP-ON
4b	1 x	Screw-on catch plate
4c	1 x	Chipboard screw 609.1500
-	1 x	Glue-on catch plate


5	Adapter plate		
	Screw-on	<b>Material</b>	
		Nylon	
	<b>Straight adapter plate</b>		
	<b>Version</b>	<b>Colour</b>	
	Short version	SW, CS, R7036	956.1201


#### Colour


HGR	Light grey
SW	Silk white
TGR	Dark grey
CS	Carbon black
R7036	RAL 7036 platinum grey

## Optional

-	Raw boards set, pre-routed	
	2x MDF raw boards 600 x 450 x 19 mm moisture resistant including spacers	
	Full integration	24K7100

-	Recess drill, 4 mm	
	To expose the central recess after facings have been applied to the raw board	
	Full integration	M45.ZF04

-	Routing templates set	
	Routing template for lift mechanism, routing template for insert panel, base plate	
	Full and semi-integration	65.5840

-	Copy router 19 mm	
	Ideal in combination with routing templates set	
	Full and semi-integration	M45.ZF19
	Cutting insert set for copy router	
	10x cutting inserts	M34.ZW50

-	Spacer set	
	2 pcs, as transport and assembly protection	
	Full integration	M45.1010



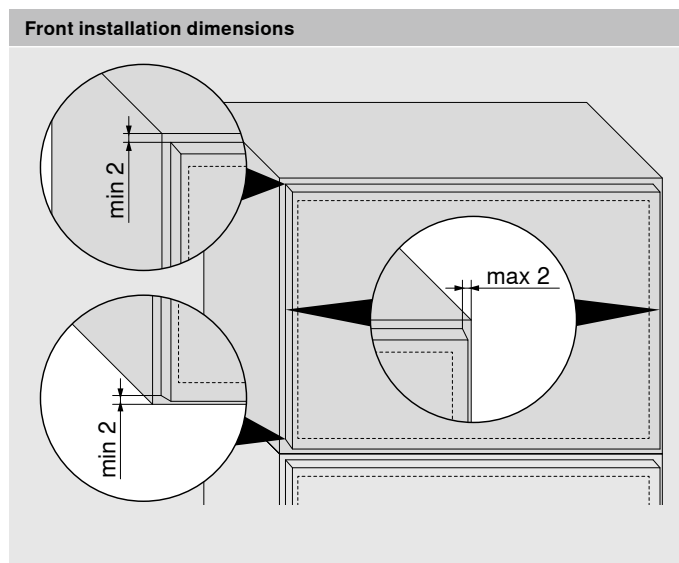
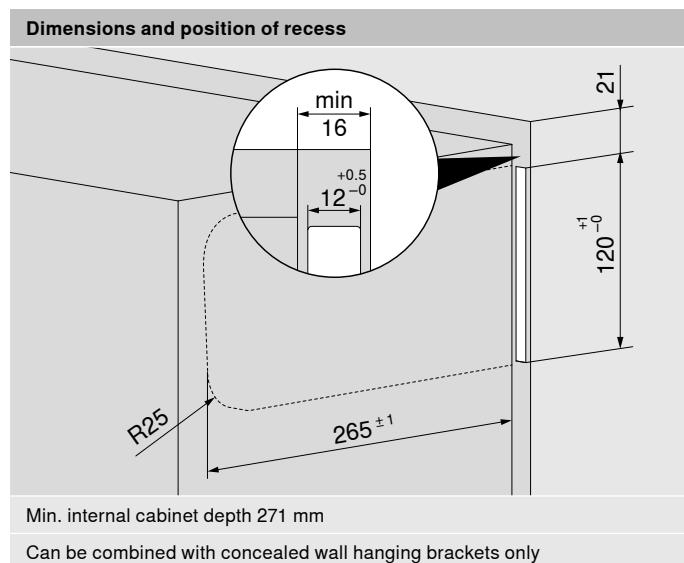
Our Product Configurator makes it easy for you to choose your products.

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

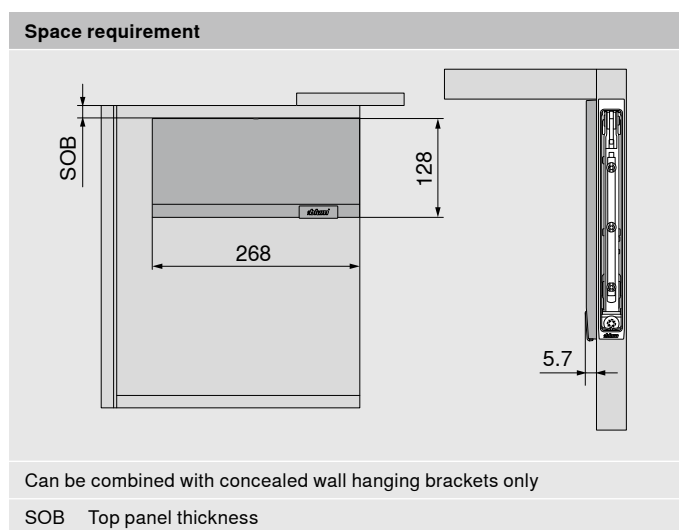
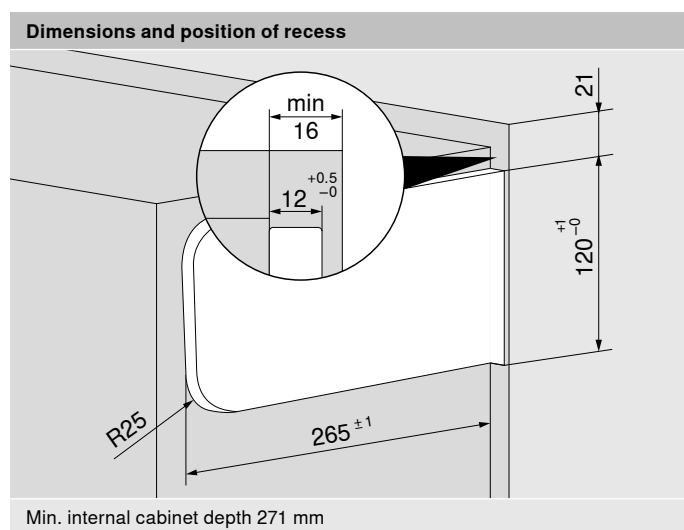


## Planning

### Fully integrated lift mechanism installation



### Semi-integrated lift mechanism installation



Configure AVENTOS HKI in the  
Cabinet Configurator with just a few clicks.

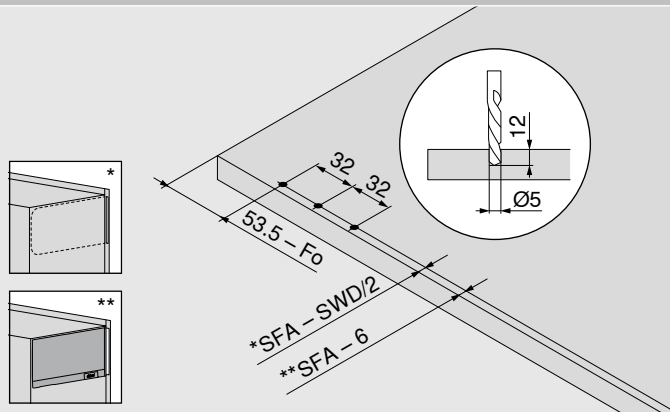
[blum.com/cabinetconfig](https://blum.com/cabinetconfig)



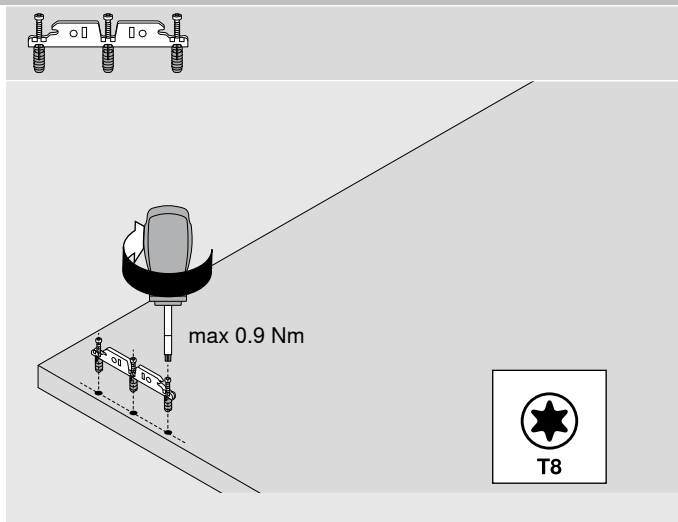
## Planning

### Front assembly

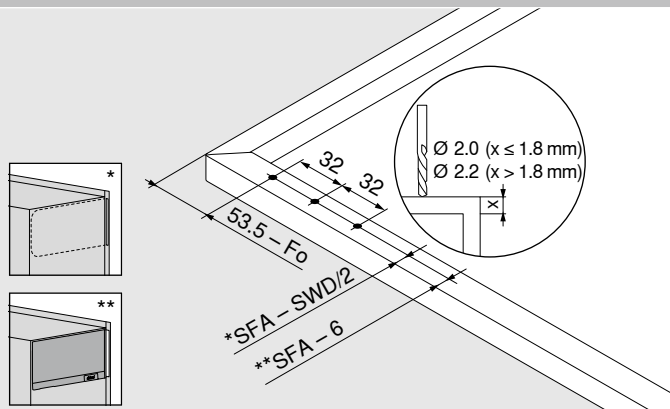
#### Wooden fronts



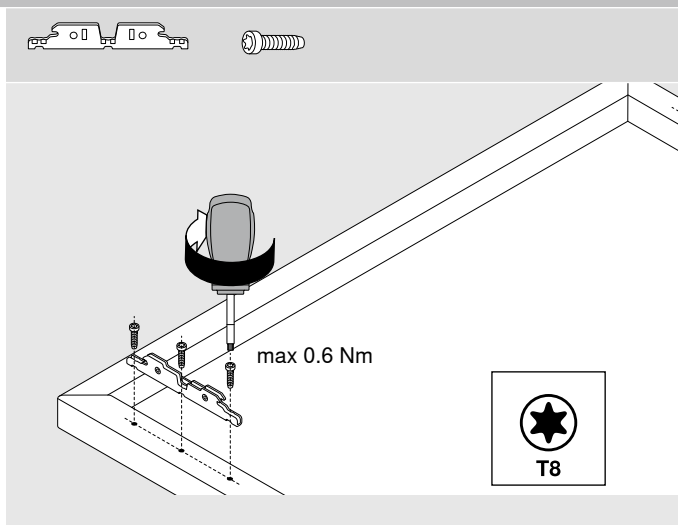
Fo	Top gap
SFA	Side front overlay
SWD	Cabinet side panel thickness



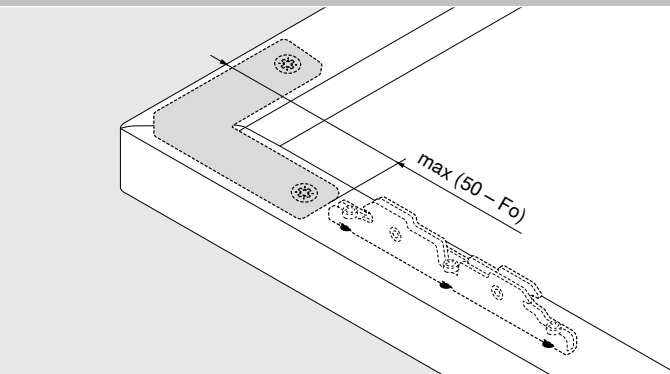
#### Narrow and wide alu frames



Fo	Top gap
SFA	Side front overlay
SWD	Cabinet side panel thickness



#### Corner connector for narrow and wide alu frames



Fo	Top gap
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## Planning

### Space requirement

**Space requirement – Cornice | Crown moulding**

**Space requirement (mm)**

At max. opening angle

$$Y_{max} = FH \times 0.29 - 32 + FD$$

$$A = FH \times 0.26 + 28 - FD \text{ with opening angle stop}$$

FD (mm)	16	18	19	20	22	26
Z (mm)	70	63	59	57	49	35

SOB Top panel thickness

FD Front thickness

FH Front height

OW Opening angle

**Minimum gap**

Minimum gap MF is 2 mm



Our EASY ASSEMBLY app provides all the information you need for quick and easy installation and adjustment

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



### Marketing

You will find professional photos, videos, brochures and presentations on AVENTOS HKi in the Marketing Media Library. Get some fresh inspiration and use our marketing material to persuade your customers in sales conversations.

### Concept, planning, quotation

Plan, configure and save your AVENTOS HKi projects online with ease – with our free configurators. This enables you to obtain checked and complete parts lists for your customer quotes.

### Design

The Cabinet Configurator helps you to design cabinets and displays them in 3D. You can find the corresponding AVENTOS HKi options using the integrated Product Configurator. Our CAD/CAM Data Service provides you with data in the most common formats for your design software.

## Supporting you every step of the way

We at Blum will support you along the entire process chain – from marketing, planning and product selection right through to after sales service. Take advantage of our user-friendly services for your projects with AVENTOS HKi.

### Ordering

Simply transfer your parts lists from the Cabinet and Product Configurator directly to Order Management. In order to speed up your AVENTOS HKi configurations, you can manage your different projects and templates with ease under "My projects" or "My library".

### Manufacturing

Use our configurators and appropriate assembly devices to accelerate your production process. Use our templates, raw boards set or MINIMILL for AVENTOS HKi.

### Installation

Do you want to install and optimally adjust our fittings? The EASY ASSEMBLY app for smartphones and tablets answers any questions you may have about assembly and adjustment. It contains installation instructions and videos for all our products.

### After sales service

We are delighted to provide you with continued support after you purchase AVENTOS HKi. Your contact at Blum will be happy to answer any questions you might have about our products and services.



For more information  
about our services, go to:

[www.blum.com/e-services](http://www.blum.com/e-services)





# moving ideas

We believe that ideas can move the world. We offer innovative fittings, inspiring furniture concepts and appropriate services so that you can turn your creative ideas into reality. We are driven by your needs, international trends and our shared vision of a better quality of living. Let us work together to create moving ideas.





## Quality of living

We would like you to enjoy greater convenience and functionality when using furniture.



## Product range

Everything from a single source: our wide range of products allows you to keep up with today's and tomorrow's trends.



## Inspiration

We monitor global trends and strive to create the solutions of tomorrow. We like to share our insights with you.



## Innovation

We stay in motion. Curiosity and pioneering spirit drive us to develop new products and services for you.



## Services

We support your daily operations with customised services tailored to your processes.



## Quality

We continuously strive to improve our products, services and ourselves.



## Trust

We take responsibility for partnerships, our employees, society and the environment.

Julius Blum started our journey in 1952 with horseshoe studs. Today we supply innovative fittings to customers in over 120 countries.

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Our sites in Austria, Poland and China are certified to the international standards mentioned below.  
Our site in the USA is certified to ISO 9001.  
Our site in Brazil is certified to ISO 9001 and ISO 14001.

