



TIP-ON for AVENTOS HK-S

Technical data sheet

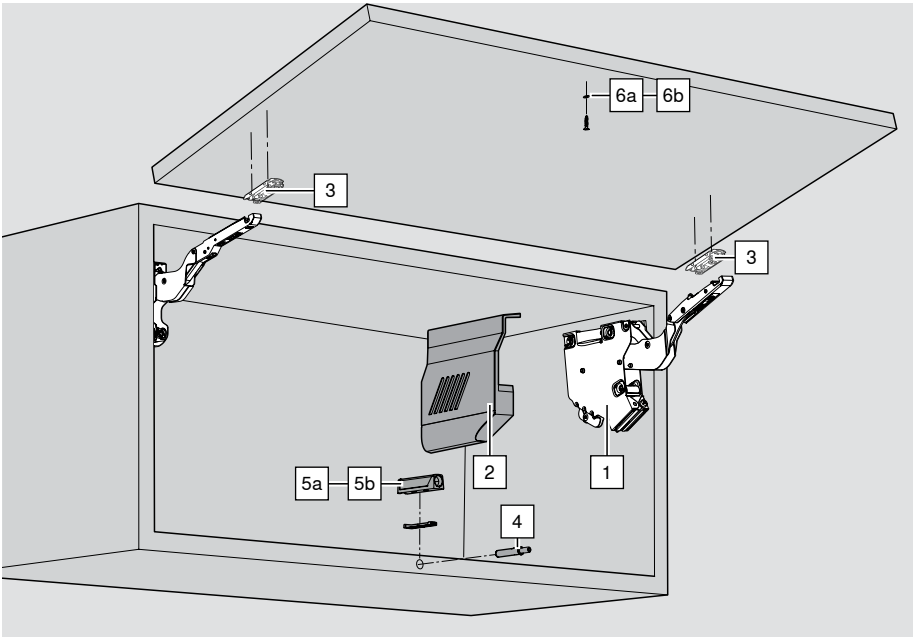
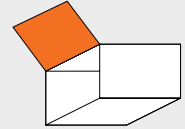
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TIP-ON for AVENTOS HK-S



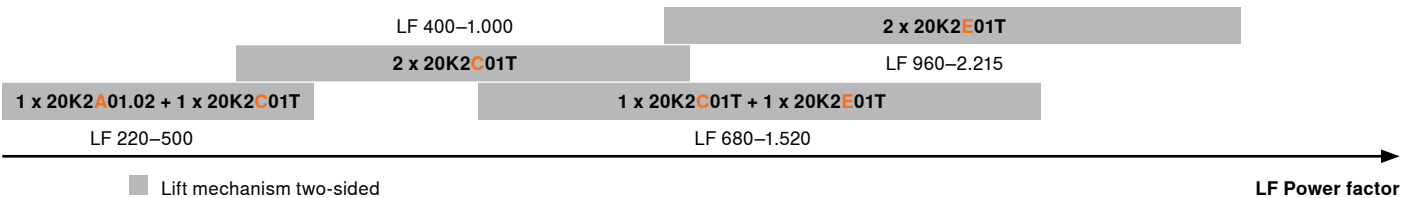
Order specification



- Ideal for low height wall cabinets and the top frontals in appliance housings (over ovens, fridges etc).
- Cabinet heights up to max. 400 mm
- Cabinet width depends on the power factor
- For opening handle-less fronts with TIP-ON
- Light operating forces
- Perfect comfort of motion with a variable stop
- Simple, tool-free assembly
- 3-dimensional adjustment of the front
- Simple, variable lift mechanism
- No hinges required
- Complete fitting



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



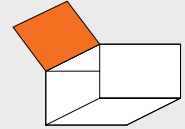
A trial application is recommended when you are in a borderline area of the individual lift mechanism.


1	Lift mechanism symmetrical		
	Spring	Opening angle	
	none	107°	20K2A01.02
	weak	107°	20K2C01T
	strong	107°	20K2E01T
	Combinations		LF
	2 x 20K2A01		not possible
	1 x 20K2A01 + 1 x 20K2C01T		220 – 500
	2 x 20K2C01T		400 – 1.000
	1 x 20K2C01T + 1 x 20K2E01T		680 – 1.520
	2 x 20K2E01T		960 – 2.215


TIP-ON for AVENTOS HK-S





Order specification




2	Cover cap		
	Nylon light grey, silk white		
		left/right	20K8A01


3a	Front fixing brackets		
	Nickel plated steel		
	Wooden fronts and wide alu frames ¹⁾	2 x	175H3100


3b	Front fixing brackets		
	Nickel plated		
	Narrow alu frames	left/right	20K4A01A02


4	TIP-ON		
	Nylon		
	For drilling		
	SW, PG, TS ²⁾		
	Short version:	Length: 50 mm	956.1002
	Long version:	Length: 76 mm	956A1002

5a	Horizontal adapter plate³⁾		
	Nylon, screw-on		
	SW, PG, TS, NI-L ²⁾		
	Short version		956.1201
	Long version		956A1201

5b	Cruciform adapter plate³⁾		
	Nylon		
	PG ²⁾		
	screws		956A1501

6a	Screw-on catch plate		
	Steel, nickel plated		
	Ø 15 mm		955.1008S
	For hard surfaces and/or MDF, Ø 2.5 mm pre-drilling and countersinking, if required		

6b	Press-in catch plate		
	Steel, nickel plated		
	Ø 11.5 mm		
	Pre-drill (Ø 5 mm)		955.1008D

	Bit PZ cross slot		
	Size 2, length 39 mm		BIT-PZ KS2

	Opening angle stop		
	Nylon		
	100° dark grey	2 x	20K7A41
	75° light grey	2 x	20K7A11

¹⁾ Use 2 chipboard screws (609.1x00) for wooden fronts. Use 2 self tapping screw, countersunk head (660.0950) for wide alu frames.

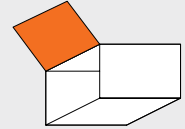
²⁾ SW= silk white, PG = platinum grey, TS= terra black, NI-L nickel-lacquered

³⁾ Assembly with chipboard screws Ø 3.5 mm or Ø 4 mm. TIP-ON must be ordered separately.

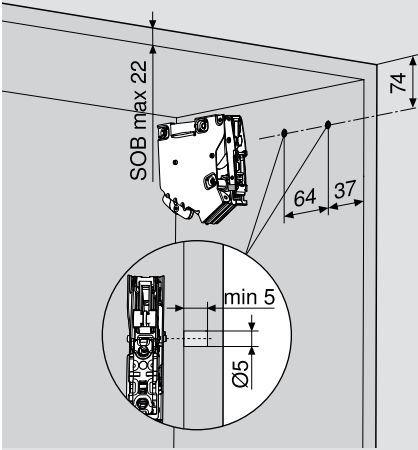
TIP-ON for AVENTOS HK-S



Planning

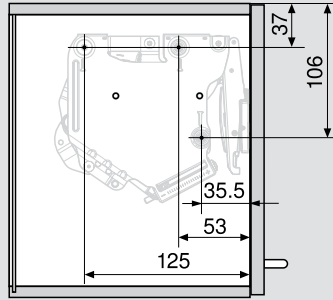


Peg positions for lift mechanism



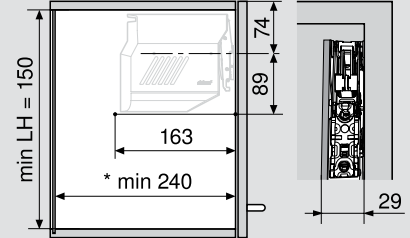
SOB Top panel thickness

Fixing positions for lift mechanism



3 x Ø 4 x 35 mm

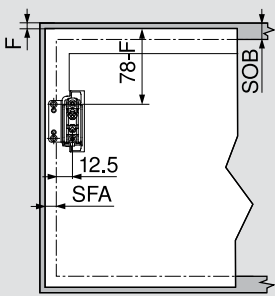
Space requirement



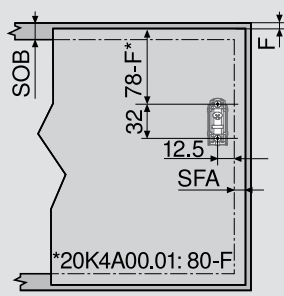
Cabinet height max. 600 mm

* min. 240 with visible wall hanging bracket

Front assembly



Narrow alu frames



Wooden fronts and wide alu frames¹⁾

Wall application:
requires 5 mm min. gap

Ø 3.5 x 15 mm

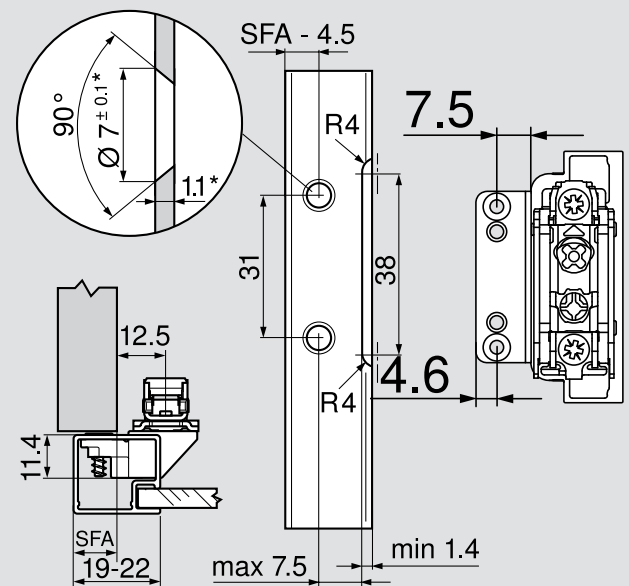
F Gap

SFA Side front overlay

SOB Top panel thickness

1) Use 2 chipboard screws (609.1x00) for wooden fronts. Use 2 self tapping screw, counter-sunk head (660.0950) for wide alu frames.

Planning narrow alu frames



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

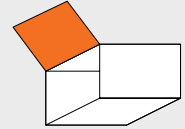
SFA Side front overlay

* When changing material thickness, adjust the assembly dimensions accordingly

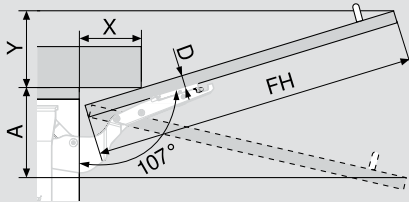
TIP-ON for AVENTOS HK-S



Planning



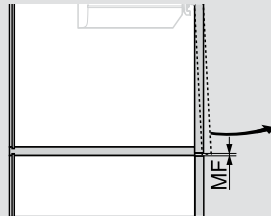
Cornice and crown moulding clearance



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

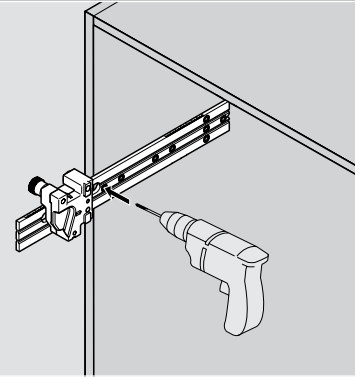
Without OEB	$Y = FH \times 0.29 - 15 + D$
OEB 100°	$Y = FH \times 0.17 - 15 + D$
OEB 75°	$A = FH \times 0.26 + 15 - D$
OEB = Opening angle stop	

Min. Gap



MF Minimum gap for opening (2 mm)

Cabinet assembly

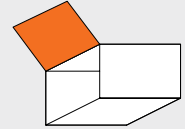


Drilling template **65.1051.01**
applicable for all lift systems

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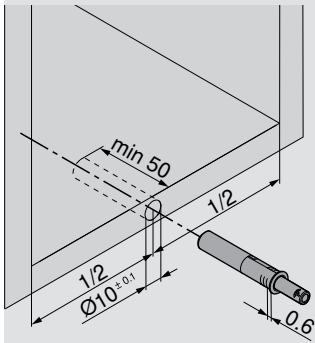


Planning



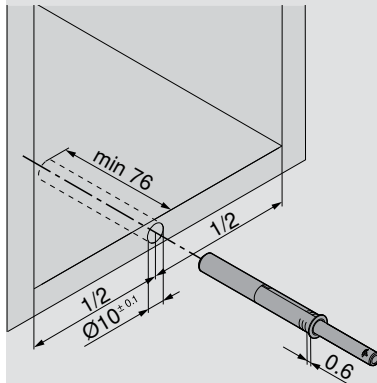
TIP-ON fixing position

Short version



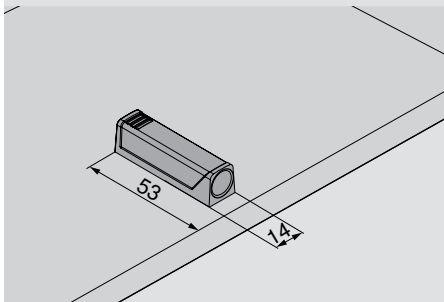
For fronts up to a height of 500 mm

Long version

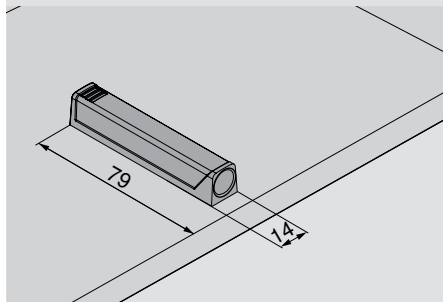


Adapter plate fixing position

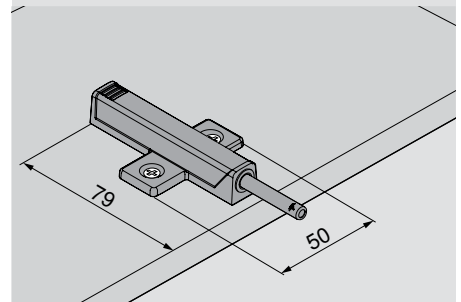
Horizontal adapter plate short



Horizontal adapter plate long

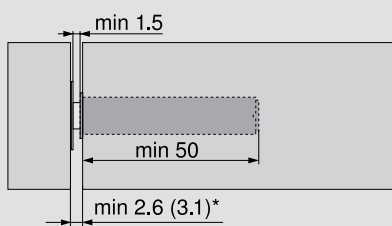


Cruciform adapter plate



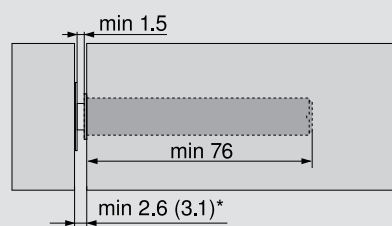
TIP-ON installation dimensions

Short version



*min. 3.3 mm with press-in catch plate

Long version

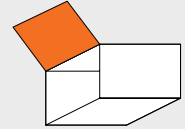


*min. 3.3 mm with press-in catch plate

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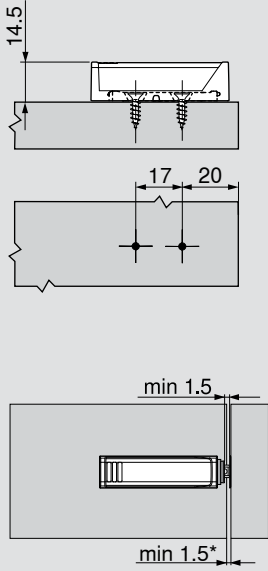


Planning



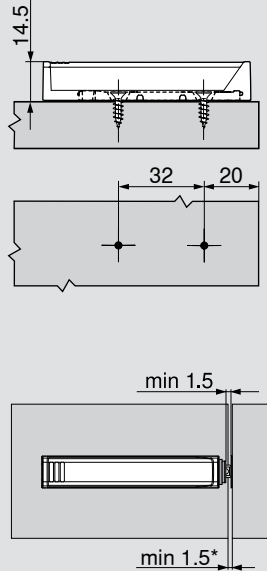
Installation dimensions for horizontal adapter plate

Horizontal adapter plate short



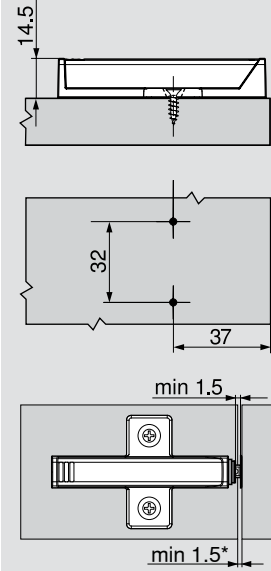
Factory setting = 2 mm

Horizontal adapter plate long



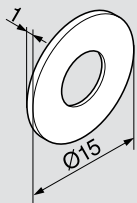
Factory setting = 2 mm

Cruciform adapter plate

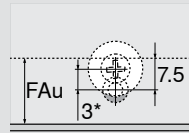


Factory setting = 2 mm

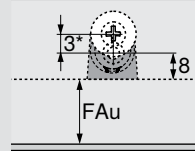
Screw-on catch plate planning



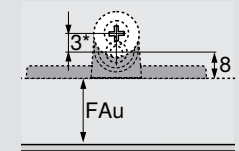
For drilling



Horizontal adapter plate



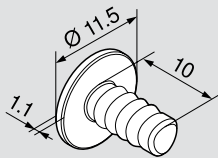
Cruciform adapter plate



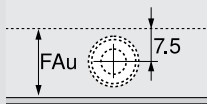
* We recommend offsetting the positioning of TIP-ON by 3 mm for the screw-on catch plate.

FAU = Lower front overlay

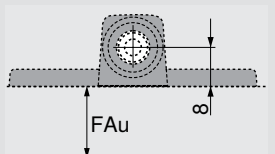
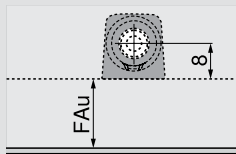
Press-in catch plate planning



For press-in



Inline adapter plate



FAU = Lower front overlay

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