

Flap fittings

KB-70

KB-75

Variable opening angle:  
45° - 110°

For large, heavy flaps

Adjustable spring power



# For the big and the heavy

KB-70 and KB-75 from HETAL make child's play of opening big, heavy flaps – for perfect access inside the cabinet.



QUALITY CERTIFICATE



KB-70 for wooden flaps and aluminium frames with glass panels



KB-75 extends the application range of the KB-70

EVERY HETAL FLAP FITTING IS A TRUE „TWO IN ONE“ SOLUTION: UNITING OPENING AND HINGE FUNCTIONS IN ONE INGENUOUS FITTING, THEY ELIMINATE THE NEED FOR CONCEALED HINGES IN THE TOP PANEL.

Installation and flap height adjustment are simplicity itself. The fitting is mounted using the 32 mm hole spacing system. And the appeal of the two KBs extends not

only to installers but to planners and designers too, with a spring adjustment angle capable of covering a wide range of different flaps. All of which adds up to outstanding flexibility and maximum design scope for kitchen and property development planners.

Another benefit: The power-assisted lift action of the KB-70 and KB-75 makes for extremely convenient opening.

## YOUR PRODUCT BENEFITS AT A GLANCE:

- **No concealed hinges required in the top panel**
- **Variable opening angle:** Flap stays firmly in place at any angle from 45° to 105°
- **Corrosion protection** due to a high-quality galvanized finish
- **Excellent running properties** due to hardened steel rivets
- **32 mm hole spacing system** for mounting using countersunk Euro screws
- **Version for glass doors** with aluminium frame, available for various profiles and door overlays
- **Mounting convenience:** Screw holes in the flap side are configured as key holes
- **With narrow screw-on bracket for frame-type doors** (with 12 mm overlay for frame widths 39-50 mm, for 17 mm frame widths 44-45 mm)
- **Cover caps** available in a variety of colours
- **Direct adjustment** permits fast, simple height optimization of wooden flaps
- **Allows additional cabinet installation** above
- **KB-70:** High-quality galvanized steel springs: Used in various types to cover a wide range of flap sizes and weights.
- **KB-75:** Extends the application range of the KB-70 to even bigger and heavier flaps.



# Application range KB-70



## FLAP WEIGHTS

Flap height in mm	Flap weight in kg (without handle)								
	Green spring			White spring			Orange spring		
300	0,7	to	2,8	2,1	to	7,4	2,5	to	8,5
350	0,7	to	2,4	1,8	to	6,3	2,3	to	7,5
400	0,7	to	2,1	1,7	to	5,4	2,1	to	6,8
450	0,7	to	1,9	1,55	to	4,7	2	to	5,8
500	0,7	to	1,6	1,45	to	4	1,8	to	5
550	0,7	to	1,5	1,4	to	3,7	1,6	to	4,6
600	0,7	to	1,4	1,35	to	3,3	1,4	to	4,2

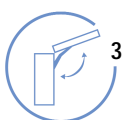
## ONE FITTING FOR EVERY TYPE OF MATERIAL

The range of flaps illustrated here permits the fitting to be used with the same spring fitted for flaps of the same size in different material types, with or without bar handle.

Flap height in mm	Flap weight in kg (without handle)								
	Green spring			White spring			Orange spring		
300	400	to	500	600	to	900	1000	to	1200*
350	400	to	400	500	to	800	900	to	1200*
400	-	to	-	400	to	700	800	to	1000*
450	-	to	-	400	to	500	600	to	800*
500	-	to	-	400	to	400	500	to	700*
550	-	to	-	400	to	400	500	to	600*
600	-	to	-	-	to	-	400	to	500*

\* For very heavy flaps with these dimensions (e.g. MDF with bar handle) the fitting is functioning in the borderline range (depending for example on the precise position and weight of the bar handle).

Before series application, perform a trial mounting process!



# Application range KB-70

OVERALL APPLICATION RANGE WITH 0.85 KG/DM<sup>3</sup> (E.G. 19 MM THICK MDF)

Flap height in mm	Flap width in mm		Flap width in mm		Flap width in mm	
	with small handle	with bar handle*	with small handle	with bar handle*	with small handle*	with bar handle*
	Green spring		White spring		Orange spring	
300	300 to 550	300 to 400	400 to 1200	300 to 1000	500 to 1200	450 to 1100
350	300 to 400	300 to 300	300 to 1200	300 to 750	400 to 1200	350 to 900
400	300 to 300	- to -	300 to 800	300 to 600	300 to 1000	300 to 750
450	- to -	- to -	300 to 650	300 to 500	300 to 800	300 to 600
500	- to -	- to -	300 to 550	300 to 400	300 to 600	300 to 500
550	- to -	- to -	300 to 400	300 to 350	300 to 500	300 to 400
600	- to -	- to -	300 to 300	- to -	300 to 400	300 to 350

\* Bar handles, assumed weight 0.1 kg per 100 mm of cabinet width

OVERALL APPLICATION RANGE WITH 0.65 KG/DM<sup>3</sup> (E.G. 19 MM THICK CHIPBOARD)

Flap height in mm	Flap width in mm		Flap width in mm		Flap width in mm	
	with small handle	with bar handle*	with small handle	with bar handle*	with small handle*	with bar handle*
	Green spring		White spring		Orange spring	
300	300 to 750	300 to 550	600 to 1200	400 to 1200	700 to 1200	550 to 1200
350	300 to 550	300 to 450	450 to 1200	300 to 950	500 to 1200	450 to 1200
400	300 to 400	300 to 350	350 to 1100	300 to 750	400 to 1200	350 to 950
450	300 to 300	- to -	300 to 800	300 to 650	400 to 1000	300 to 800
500	- to -	- to -	300 to 650	300 to 500	300 to 800	300 to 650
550	- to -	- to -	300 to 550	300 to 450	300 to 650	300 to 550
600	- to -	- to -	300 to 450	300 to 350	300 to 550	300 to 400

\* Bar handles, assumed weight 0.1 kg per 100 mm of cabinet width

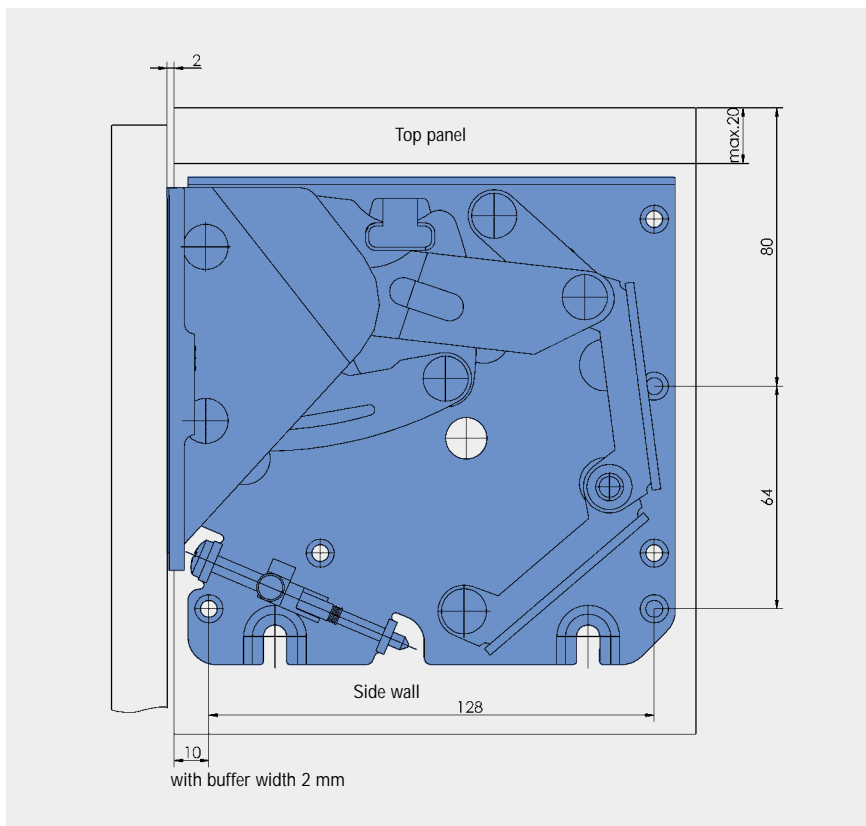
OVERALL APPLICATION RANGE WITH WITH 0.45 KG/DM<sup>3</sup> (E.G. 19 MM THICK PINE)

Flap height in mm	Flap width in mm		Flap width in mm		Flap width in mm	
	with small handle	with bar handle*	with small handle	with bar handle*	with small handle*	with bar handle*
	Green spring		White spring		Orange spring	
300	300 to 1100	300 to 800	800 to 1200	450 to 1200	1000 to 1200	600 to 1200
350	300 to 900	300 to 600	600 to 1200	350 to 1200	750 to 1200	500 to 1200
400	300 to 600	300 to 500	500 to 1200	300 to 1150	600 to 1200	400 to 1200
450	300 to 500	300 to 400	400 to 1200	300 to 800	500 to 1200	300 to 1000
500	300 to 350	300 to 300	350 to 900	300 to 650	400 to 1150	300 to 800
550	300 to 300	- to -	300 to 750	300 to 550	300 to 1000	300 to 650
600	- to -	- to -	300 to 650	300 to 500	300 to 800	300 to 600

\* Bar handles, assumed weight 0.1 kg per 100 mm of cabinet width

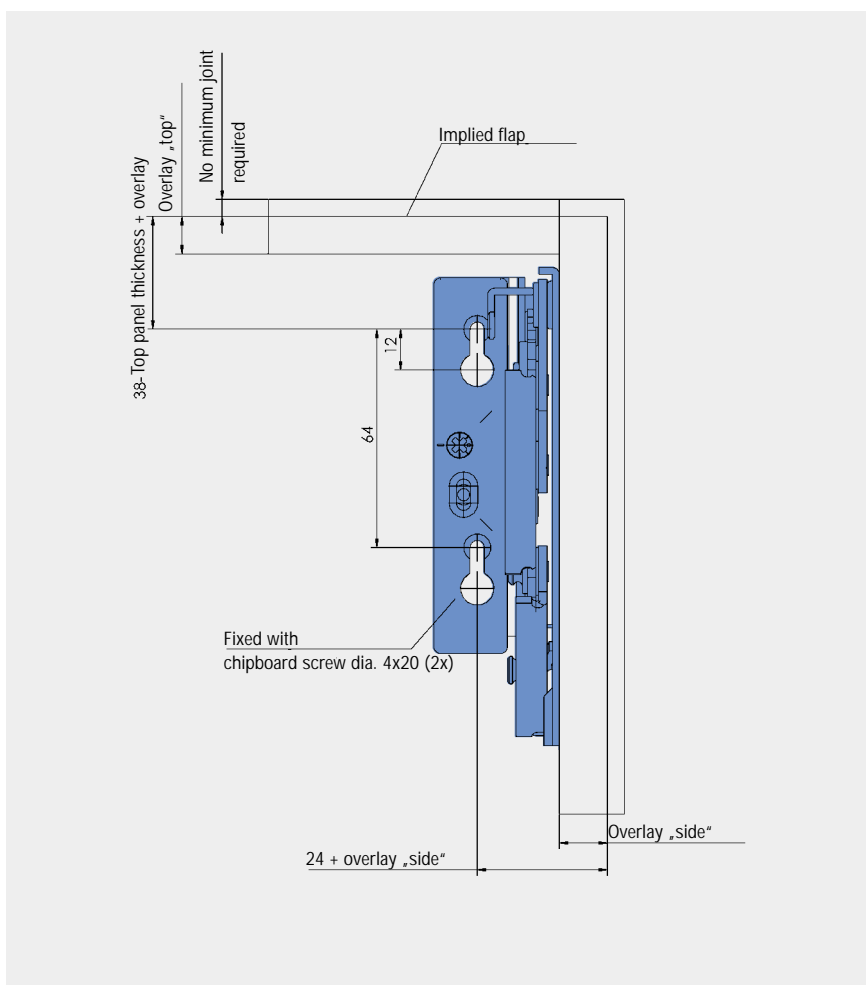


# Mounting and installation information KB-70



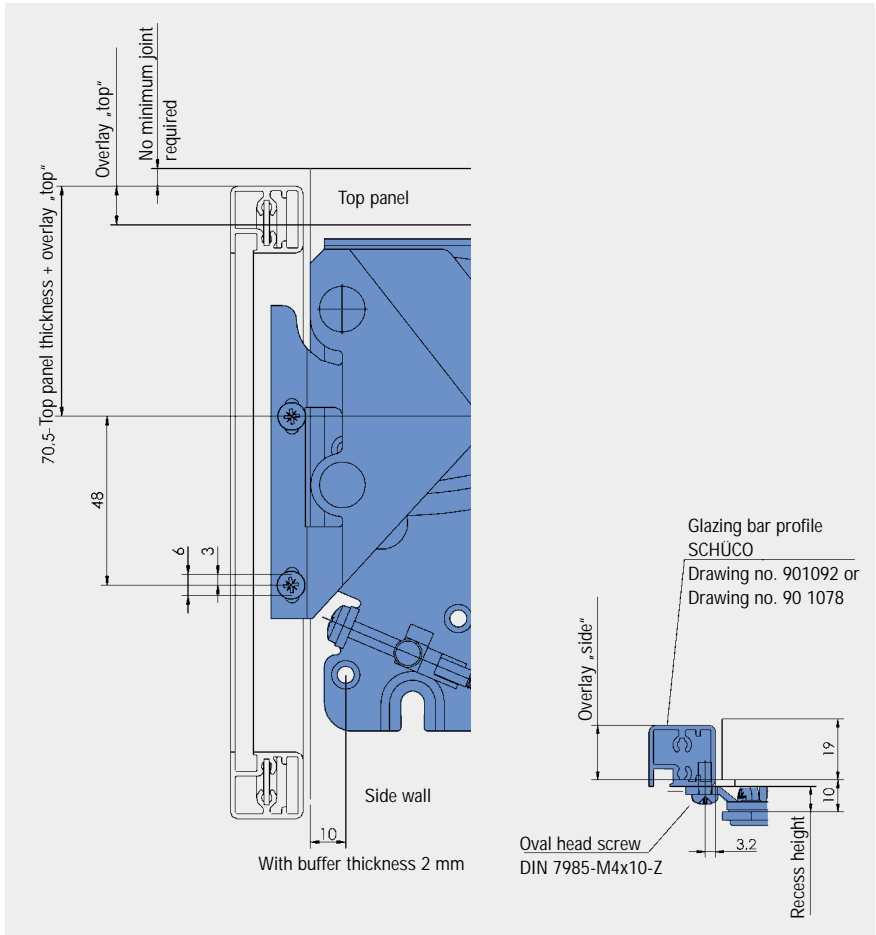
**SIDE WALL (MOUNTING WITH COUNTERSUNK EURO SCREWS)**

When mounting another cabinet above, minimum joints must be provided to allow for the swivel-out movement of the flap.



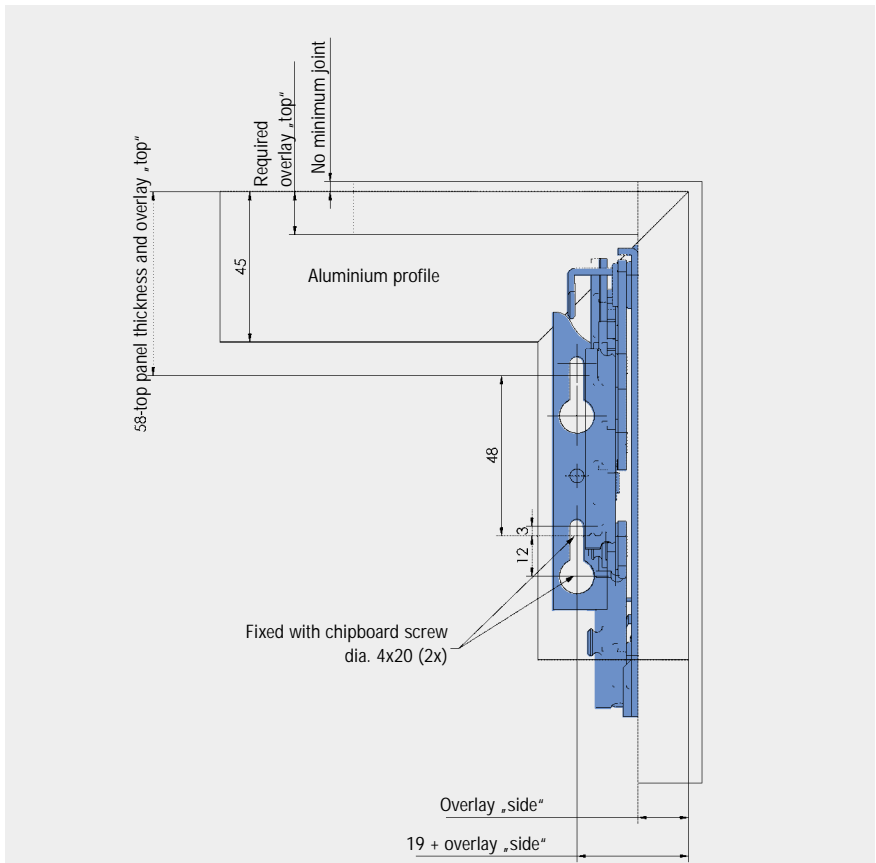
**WOODEN FLAPS**

# Mounting and installation information KB-70



**FLAPS WITH ALUMINIUMN  
FRAME FROM SCHÜCO NO.  
901092 OR NO. 901078**

When using with different  
aluminium profiles, please  
enquire.



**FRAME DOORS (NARROW  
SCREW-ON BRACKET)**

# Application range KB-75

The KB-75 extends the application range of the KB-70 for even bigger and heavier flaps



WITH 0.85 KG/DM<sup>3</sup> (E.G. 19 MM THICK MDF)

Flap height in mm	Flap weight without handle in kg			Flap width in mm					
	min.	to	max.	with small handle			with bar handle°		
				min.	to	max.	min.	to	max.
400	7,0	to	11,0	1100	to	1700	950	to	1450
450	6,7	to	9,6	950	to	1300	800	to	1100
500	5,8	to	8,5	700	to	1050	600	to	900
550	5,6	to	7,6	650	to	850	550	to	700
600	5,2	to	7,0	550	to	700	475	to	600

WITH 0.65 KG/DM<sup>3</sup> (E.G. 19 MM THICK CHIPBOARD)

Flap height in mm	Flap weight without handle in kg			Flap width in mm					
	min.	to	max.	with small handle			with bar handle°		
				min.	to	max.	min.	to	max.
400	7,0	to	11,0	1400	to	2200*	1100	to	1700
450	6,7	to	9,6	1200	to	1700	950	to	1300
500	5,8	to	8,5	950	to	1350	750	to	1050
550	5,6	to	7,6	850	to	1100	650	to	850
600	5,2	to	7,0	700	to	950	550	to	730

WITH 0.45 KG/DM<sup>3</sup> (E.G. 19 MM THICK PINE)

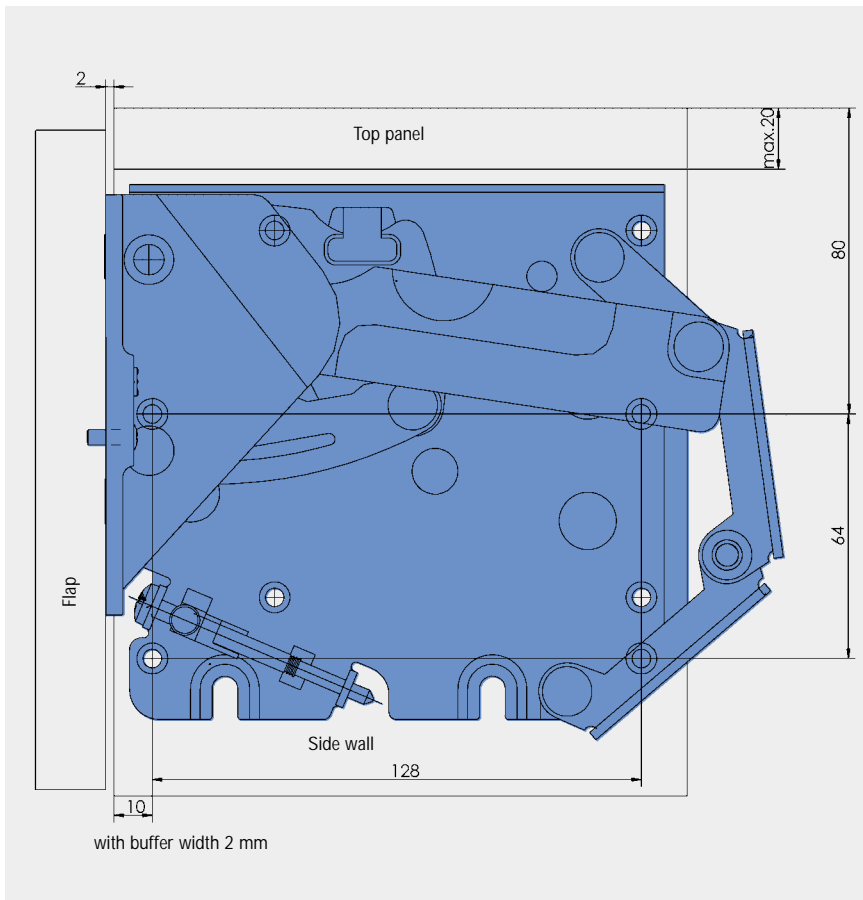
Flap height in mm	Flap weight without handle in kg			Flap width in mm					
	min.	to	max.	with small handle			with bar handle°		
				min.	to	max.	min.	to	max.
400	7,0	to	11,0	2000*	to	3200*	1400	to	2200*
450	6,7	to	9,6	1700	to	2500*	1150	to	1700
500	5,8	to	8,5	1350	to	2000*	950	to	1400
550	5,6	to	7,6	1200	to	1600	850	to	1100
600	5,2	to	7,0	1000	to	1350	700	to	950

\* Theoretically determined flap dimension, not practically applied to date

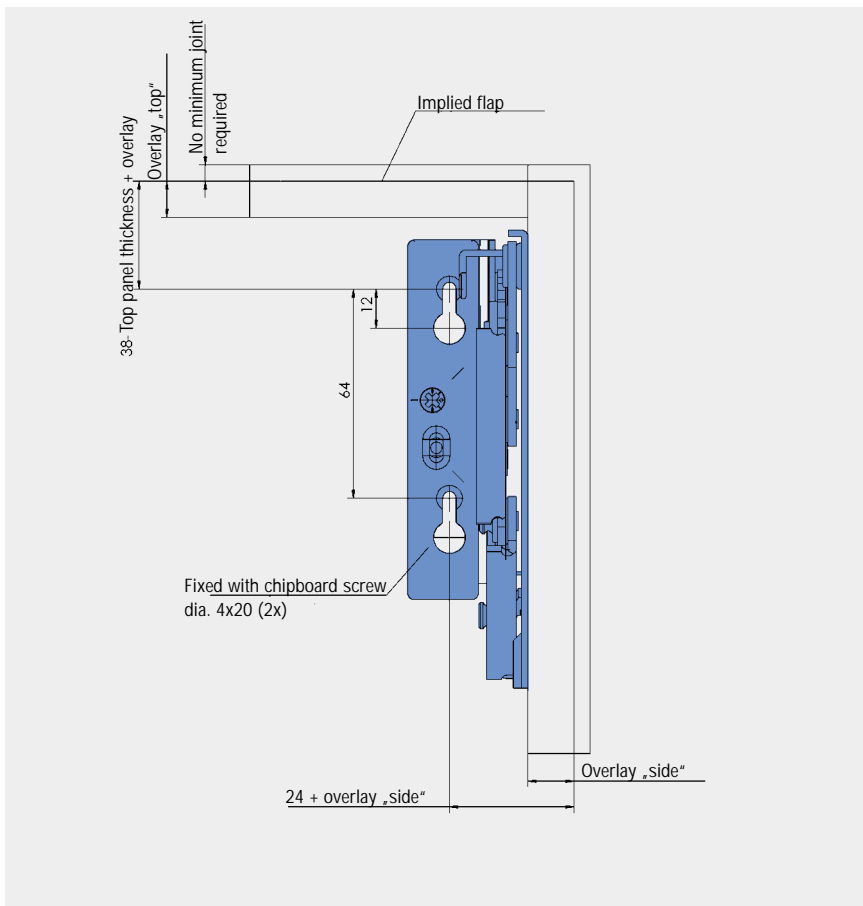
° Bar handles, assumed weight 0.1 kg per 100 mm of cabinet width



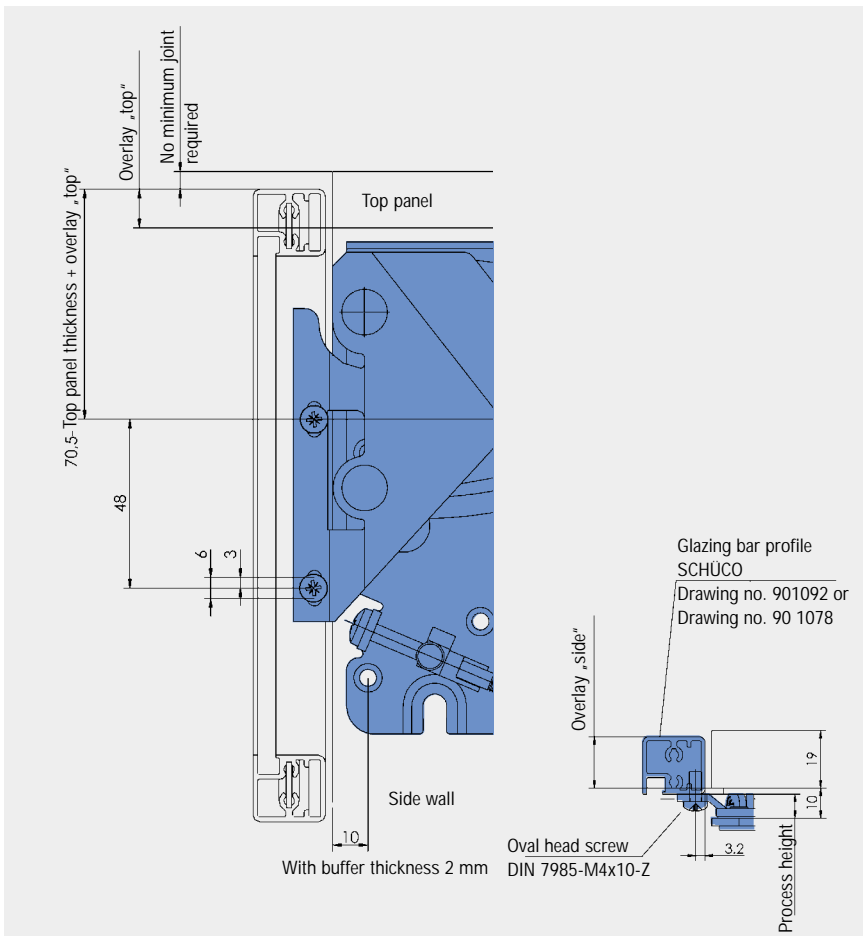
# Application range KB-75



When mounting another cabinet above, minimum joints must be provided to allow for the swivel-out movement of the flap.

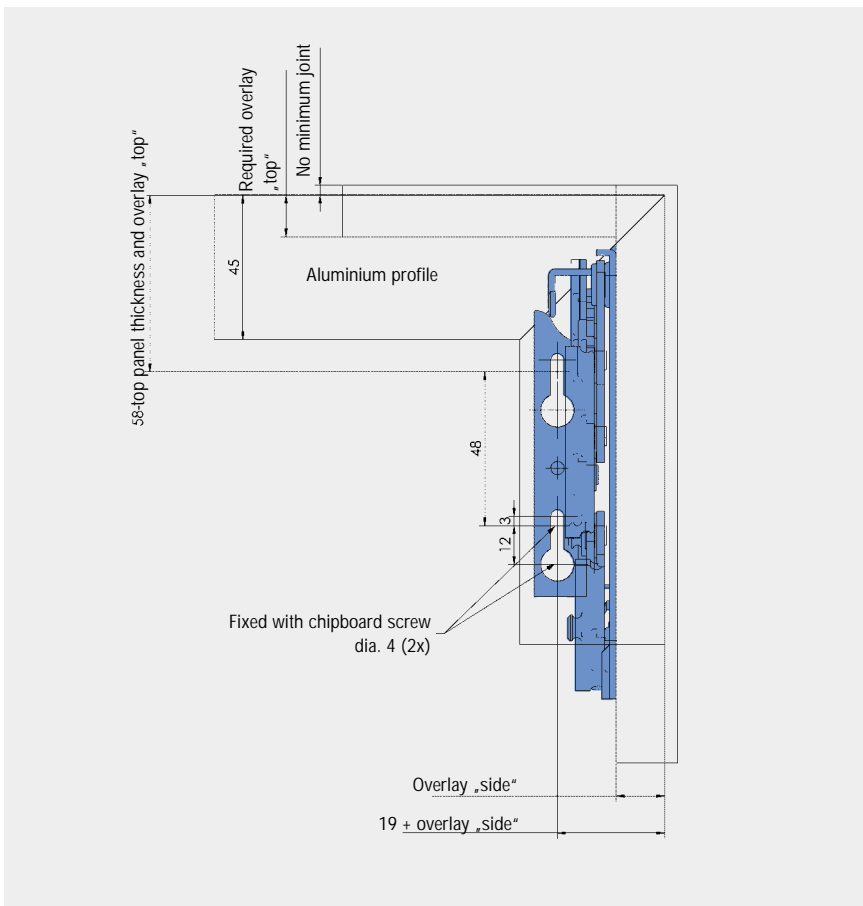


# Mounting and installation information KB-75



**FLAPS WITH ALUMINIUMN  
FRAME FROM SCHÜCO NO.  
901092 OR NO. 901078**

When using with different  
aluminium profiles, please  
enquire.



**FOR FRAME DOORS (NAR-  
ROW SCREW-ON BRACKET)**

# Order information

<b>Fitting KB-70</b> 10 sets (Set comprises left and right side element, left and right cover cap)	<b>Spring</b>	<b>Cover cap</b>	<b>Order no.</b>
	green	white	D270.200.53.25
	green	grey	D270.203.23.25
	green	white aluminium	D270.202.13.25
	white	white	D270.200.63.25
	white	grey	D270.203.43.25
	white	white aluminium	D270.201.03.25
	orange	white	D270.200.73.25
	orange	grey	D270.203.33.25
	orange	white aluminium	D270.201.13.25
<b>Fitting KB-70</b> 1 set (Set comprises left and right side element, left and right cover cap)	<b>Spring</b>	<b>Cover cap</b>	<b>Order no.</b>
	White mounted, green and orange loose	white	D270.200.43.25
	White mounted, green and orange loose	grey	D270.203.53.25
	Mounted, green and orange loose	white aluminium	D270.201.53.25

*Order number for use with aluminium frame or frame-type doors on application.*

<b>Fitting KB-75</b> 10 sets (Set comprises left and right side element, left and right cover cap)	<b>Cover cap</b>	<b>Order no.</b>
	white	D275.200.33.25
	grey	D275.200.83.25
	white aluminium	D275.200.43.25
<b>Fitting KB-75</b> 1 set (Set comprises left and right side element, left and right cover cap)	<b>Cover cap</b>	<b>Order no.</b>
	white	D275.200.13.25
	grey	D275.200.93.25
	white aluminium	D275.200.23.25

*Order number for use with aluminium frame or frame-type doors on application.*

- Packaging: KB-70/75**
- > Boxes containing 10 sets
  - > Boxes containing 1 set

