



Flap fittings

KB-57V

KB-59V

Opening angle: 75° or 90°

For wooden and aluminium flaps

Simple installation



Sound, reliable flap fittings

Flexibility which rises above the ordinary: Flap fittings KB-57V and KB-59V are ideally equipped to cope with all situations.



QUALITY CERTIFICATE



KB-57V



KB-59V

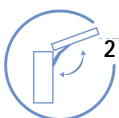
THE KB-57V OFFERS TRIED AND TESTED SPRING TECHNOLOGY. FOR HEAVY-DUTY FLAPS, THE KB-57 IS IDEALLY COMPLEMENTED BY THE KB-59 FEATURING GAS SPRING TECHNOLOGY. BOTH MODELS HAVE ONE THING IN COMMON: THEY PROVIDE A HINGING AND A SUPPORT FUNCTION IN ONE.

The KB-57V can be optionally used with a fixed or adjustable spring in line with the respective flap weight. The KB-59V relies on gas spring

technology, allowing not only large but also very heavy flaps to be effortlessly lifted. Installation is equally simple: With keyholes on the flap side and 32 mm system holes on the side wall. Both fittings feature two variable opening angles (75 degrees or 90 degrees) and are suitable both for wooden flaps and aluminium flaps with glass panels. The two-in-one solution (hinging and support function in one) means that no concealed hinges whatsoever are required in the top panel.

YOUR PRODUCT BENEFITS AT A GLANCE:

- For fitting with fixed or adjustable springs (KB-57V)
- Gas spring technology (KB-59V) for particularly heavy flaps
- No concealed hinges in the top panel required
- High-grade nickel-plated steel springs cover a wide spectrum of flap sizes / flap weights.
- Variable opening angle: 75° or 90°
- Maximum ease of operation: from appr. 17 degrees, the flap swivels upwards automatically and is held securely open.
- Perfect access to the inside of the cabinet
- Allows additional cabinet installation above
- For wooden flaps and aluminium flaps with glass panels
- Surface: high-grade powder coating, white or nickel plated
- Excellent running properties due to maintenance-free plastic bearing
- 32 mm hole spacing system for mounting using flush Euro screws
- Fixing hole for securing the mounted fitting with a chipboard screw
- 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)
- Height adjustment of the flap possible due to oblong holes



Application range KB-57 V

WITH 0.85 KG/DM³ (E.G. 19 MM THICK MDF)

Flap height in mm	Flap width in mm with small handle		Klappenbreite in mm with bar handle*		
300	400	to 1200	400	to 1000	
350	400	to 1000	400	to 700	
400	400	to 700	400	to 500	
450	400	to 500	400	to 400	
500	400	to 400	-	to -	
550	-	to -	-	to -	
600	-	to -	-	to -	

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

WITH 0.65 KG/DM³ (E.G. 19 MM THICK CHIPBOARD)

Flap height in mm	Flap width in mm with small handle		Klappenbreite in mm with bar handle*		
300	400	to 1200	400	to 1200	
350	400	to 1200	400	to 800	
400	400	to 900	400	to 600	
450	400	to 700	400	to 500	
500	400	to 500	400	to 400	
550	400	to 400	-	to -	
600	-	to -	-	to -	

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

WITH 0.45 KG/DM³ (E.G. 19 MM THICK PINE)

Flap height in mm	Flap width in mm with small handle		Klappenbreite in mm with bar handle*		
300	400	to 1200	400	to 1200	
350	400	to 1200	400	to 1100	
400	400	to 1200	400	to 800	
450	400	to 1000	400	to 700	
500	400	to 800	400	to 500	
550	400	to 600	400	to 400	
600	400	to 500	400	to 400	

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

Before series application, perform a trial mounting process!

Application ranges KB-57V

HOW TO DETERMINE YOUR INDIVIDUAL SPRING COMBINATION.

Calculation:

$$\frac{(\text{Flap height in mm} - 82) \times \text{Flap weight in kg}}{3,7} + 40 = \dots\dots\dots \text{N (required spring power)}$$

Now look for the spring combination in the following table which most closely matches your result.

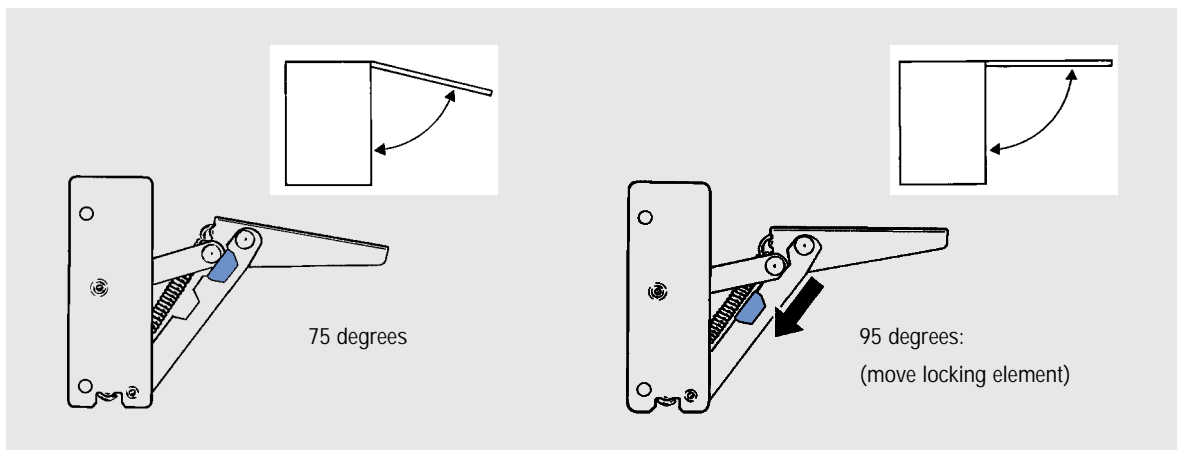
All fitting components can be inter-combined.
In border-line cases, please always select the next highest spring power.

Always perform a trial mounting process!

Spring				
Type	Version	Strength	Marking	Order no.
fixed	left	100 N	brown	D257.500.11.62
fixed	right	100 N	brown	D257.500.12.62
fixed	left	120 N	green	D257.500.21.62
fixed	right	120 N	green	D257.500.22.62
fixed	left	180 N	red	D257.500.31.62
fixed	right	180 N	red	D257.500.32.62
fixed	left	200 N	black	D257.500.41.62
fixed	right	200 N	black	D257.500.42.62
fixed	left	without	-	D257.500.61.62
fixed	right	without	-	not available
adjustable	left	bis 240 N	-	D257.500.51.62
adjustable	right	bis 240 N	-	D257.500.52.62

Fittings without springs are only supplied for left-hand mounting

ONE FITTING – 2 OPENING ANGLES



Mounting and installation information KB-57V



Fixture on cabinet side:

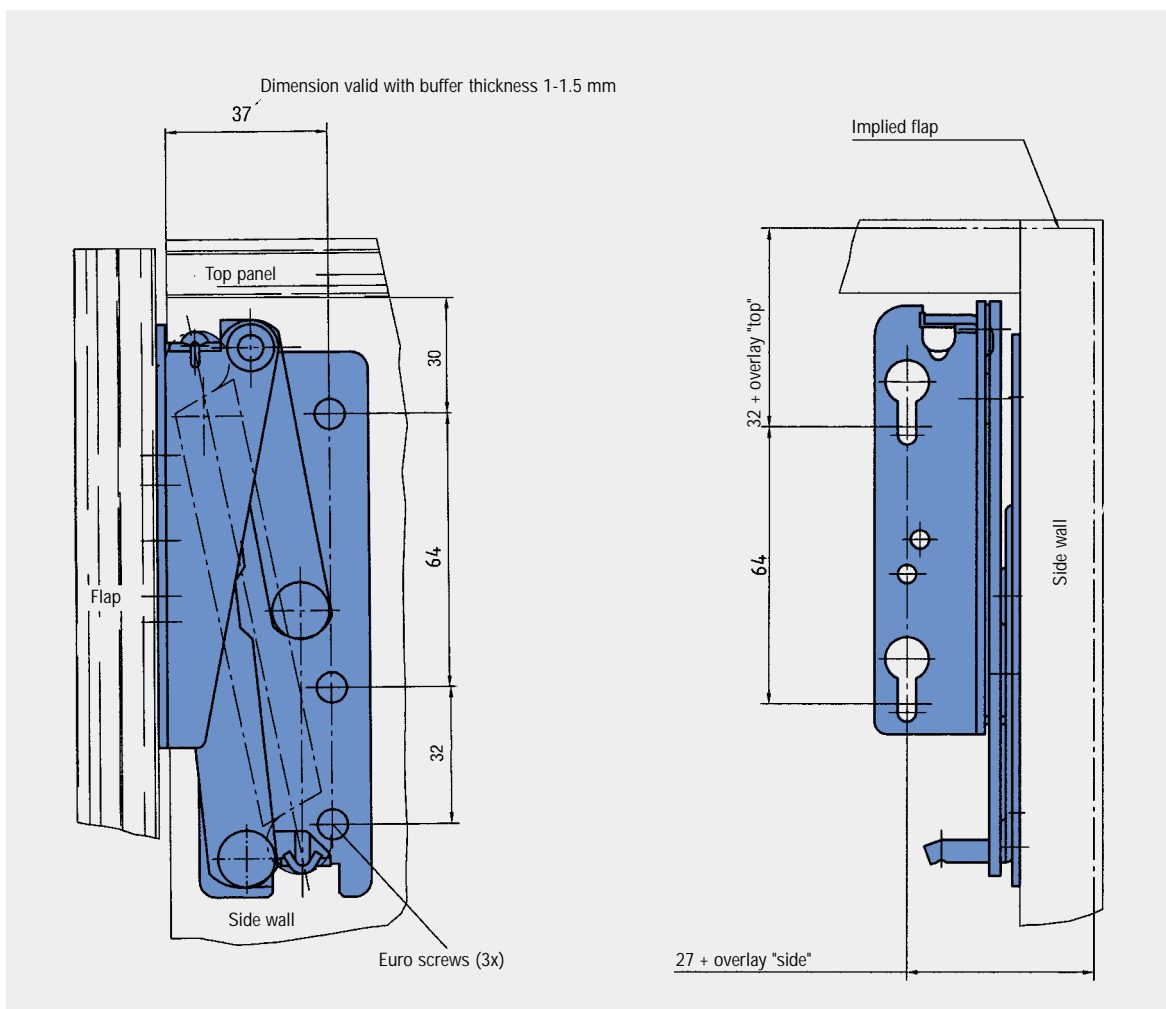
- Euro screws
- 6.3 x 10.5 mm
- or
- 6.3 x 13.5 mm
- 4 mm chipboard screws

Fixture flap side:

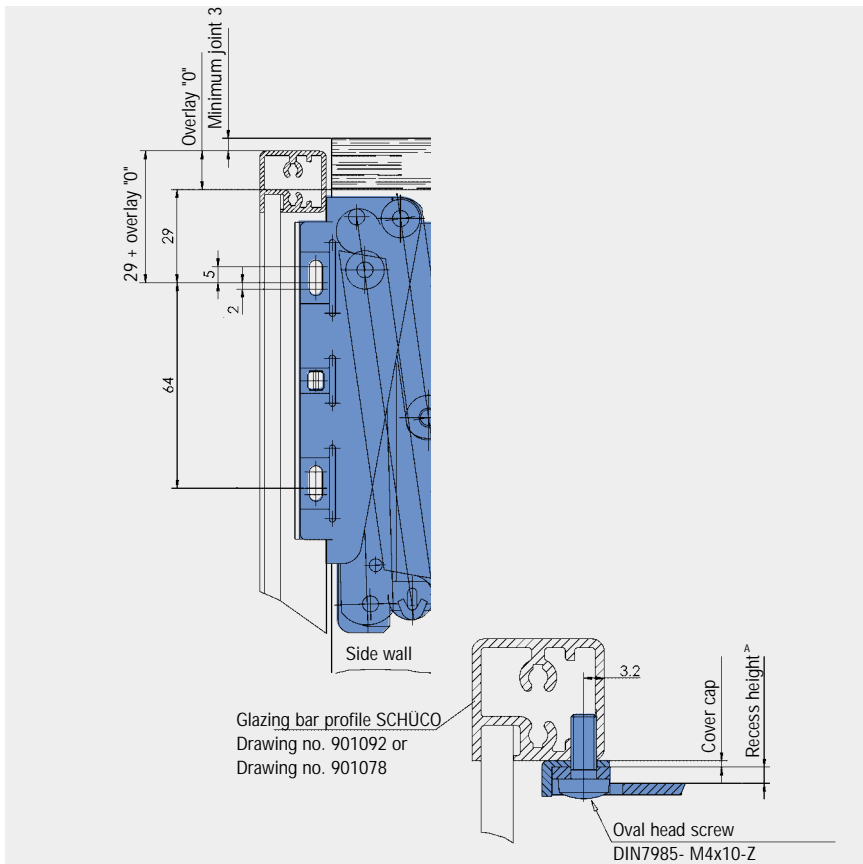
- 4 mm chipboard screws

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

WOODEN FLAPS

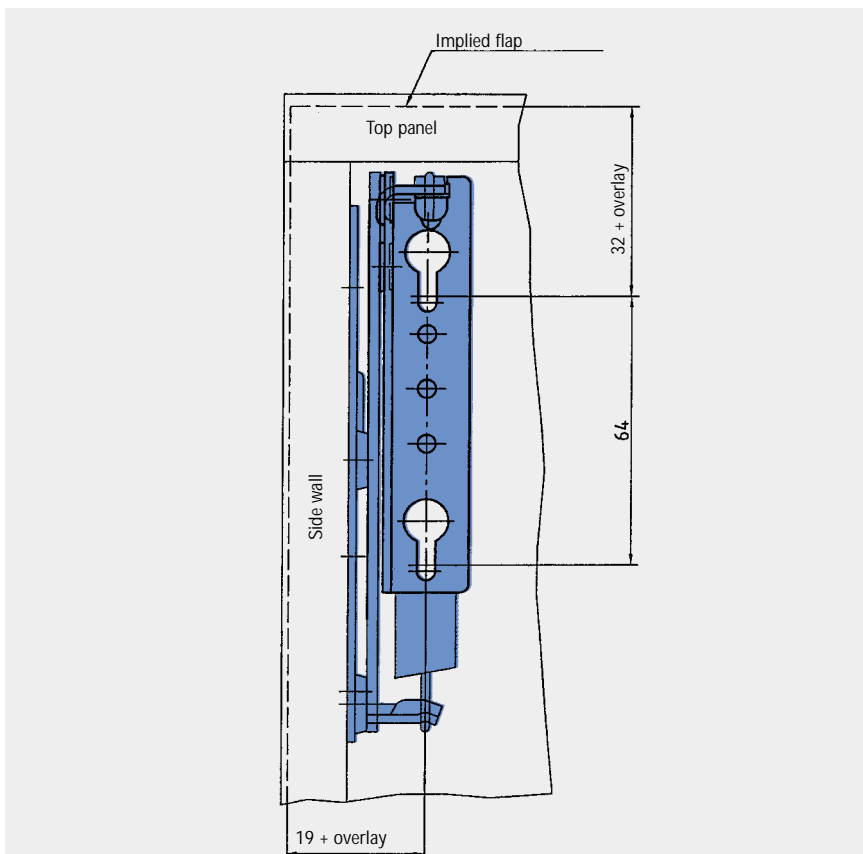


Mounting and installation information KB-57V



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

For use with different
aluminium profiles,
please enquire.



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

Application range KB-59V

WITH 0.85 KG/DM³ (E.G. 19 MM THICK MDF)

Height in mm	Width in mm								
	400	500	600	700	800	900	1000	1100	1200
with small handle									
300	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
350	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V
400	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V
450	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-
500	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-
550	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-	-
600	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-	-	-
with bar handle (assumed weight 0.1 kg per 100 mm cabinet width)									
300	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V
350	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V
400	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-
450	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-
500	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-	-
550	KB-59V/KB-57V	-	-	-	-	-	-	-	-
600	KB-59V/KB-57V	-	-	-	-	-	-	-	-

WITH 0.65 KG/DM³ (E.G. 19 MM THICK CHIPBOARD)

Height in mm	Width in mm								
	400	500	600	700	800	900	1000	1100	1200
with small handle									
300	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
350	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
400	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V
450	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V
500	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-
550	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-
600	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-	-
with bar handle (assumed weight 0.1 kg per 100 mm cabinet width)									
300	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
350	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V
400	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-
450	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-
500	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-
550	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-	-
600	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-	-	-

Before series application, perform a trial mounting process!



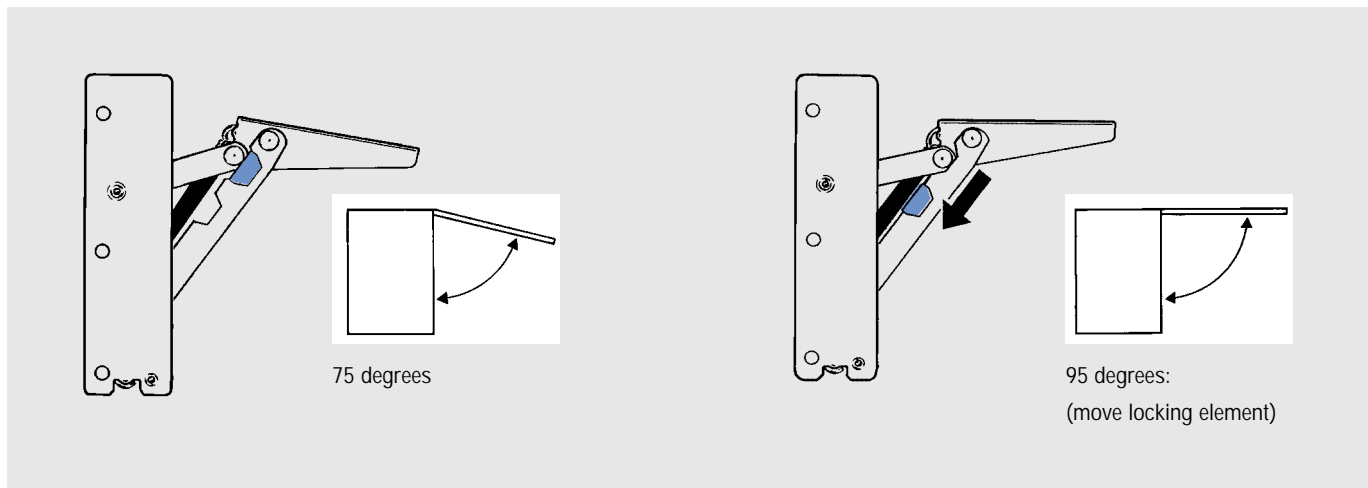
Application range KB-59V

WITH 0.45 KG/DM³ (E.G. 19 MM THICK PINE)

Height in mm	Width in mm								
	400	500	600	700	800	900	1000	1100	1200
with small handle									
300	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
350	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
400	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
450	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
500	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V
550	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-
600	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-
with bar handle (assumed weight 0.1 kg per 100 mm cabinet width)									
300	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
350	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V
400	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V
450	2 x KB-57V	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-
500	2 x KB-57V	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-
550	2 x KB-57V	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-
600	2 x KB-57V	KB-59V/KB-57V	KB-59V/KB-57V	-	-	-	-	-	-

Before series application, perform a trial mounting process!

ONE FITTING – TWO OPENING ANGLES



Mounting and installation information KB-59V



Fixture on cabinet side:

- Euro screws
- 6.3 x 10.5 mm
- or
- 6.3 x 13.5 mm
- 4 mm chipboard screws

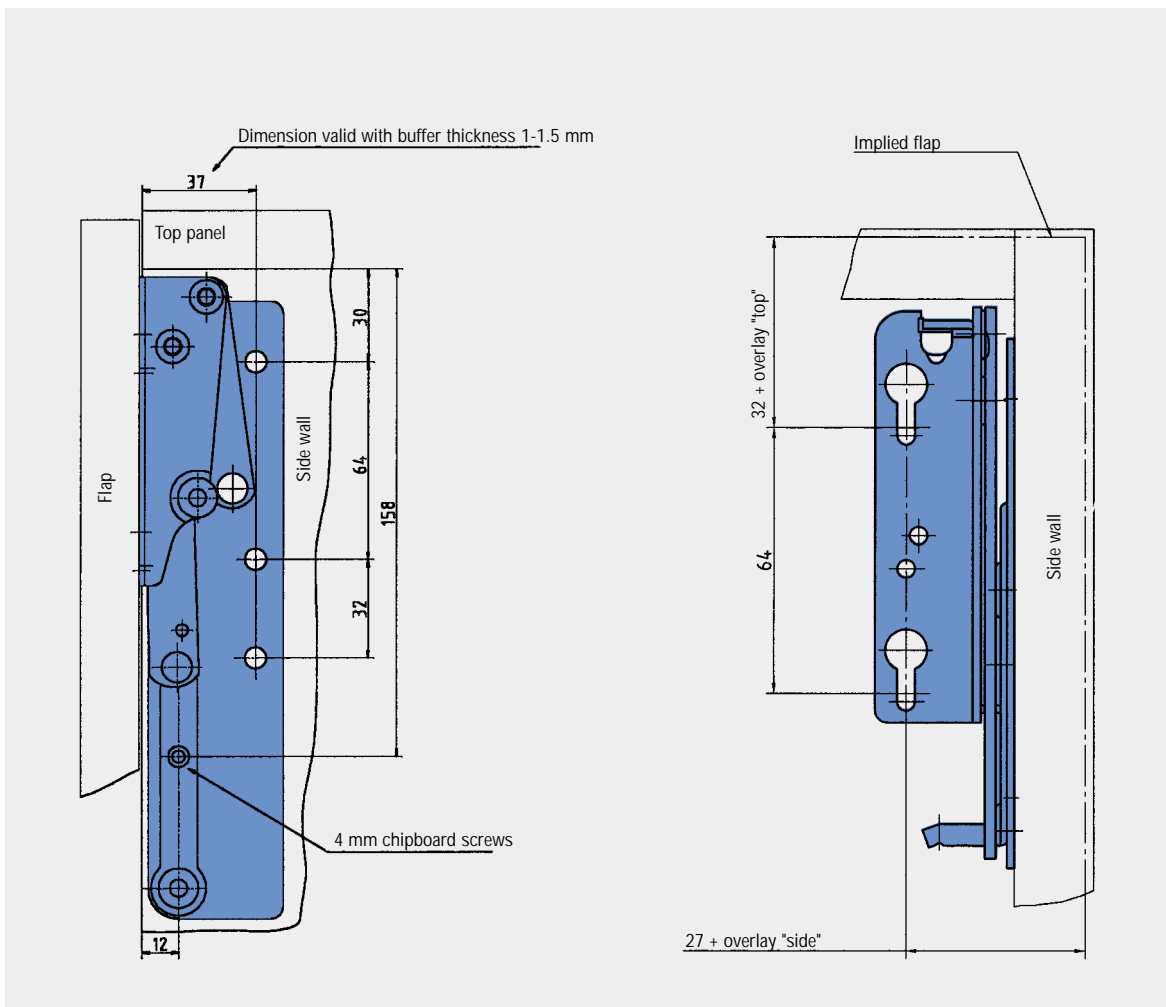
Fixture flap side:

- 4 mm chipboard screws

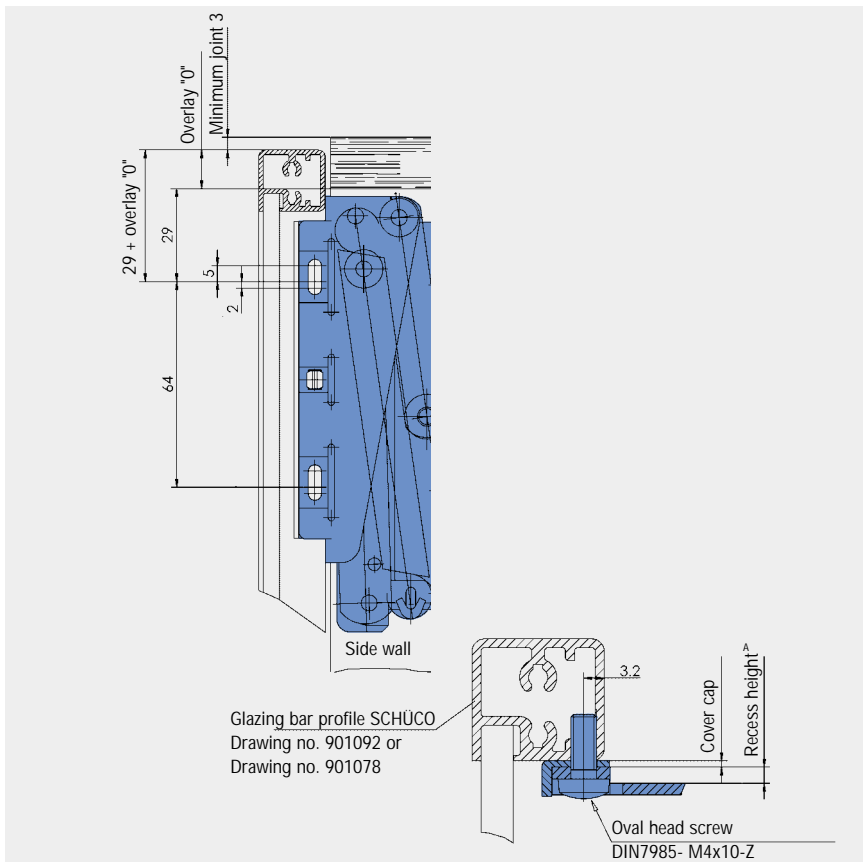
SIDE WALL

(MOUNTING WITH EURO SCREWS)

WOODEN FLAPS

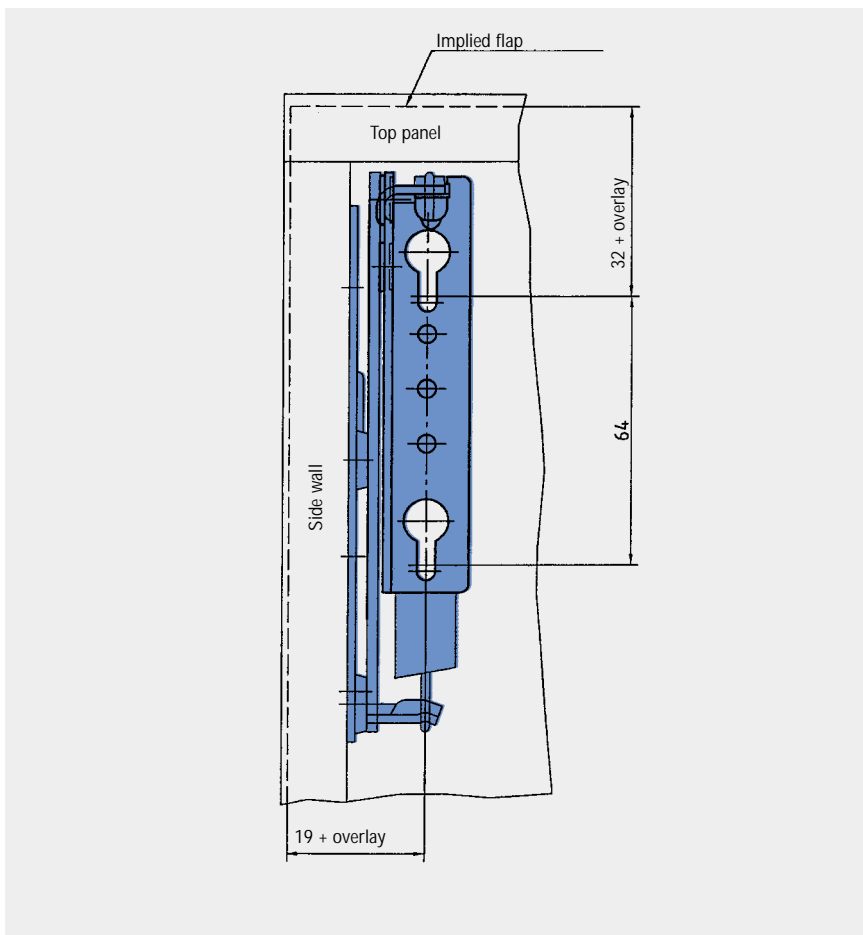


Mounting and installation information KB-59V



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

For use with different aluminium profiles, please enquire.



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

Order information

KB-57V, OVERLAY 13 TO 19 MM

Version	Ausführung	Spring Strength	Marking	Order no.
fixed	left	100 N	brown	D257.500.11.62
fixed	right	100 N	brown	D257.500.12.62
fixed	left	120 N	green	D257.500.21.62
fixed	right	120 N	green	D257.500.22.62
fixed	left	180 N	red	D257.500.31.62
fixed	right	180 N	red	D257.500.32.62
fixed	left	200 N	black	D257.500.41.62
fixed	right	200 N	black	D257.500.42.62
fixed	left	without	–	D257.500.61.62
fixed	right	without	–	not available
adjustable	left	bis 240 N	–	D257.500.51.62
adjustable	right	bis 240 N	–	D257.500.52.62

Order numbers for use with aluminium frame or frame doors on request

Material:

Steel, white powder coated,
other colours on request.

Packaging:

> Boxes containing
100 fittings

KB-59V

KB-59V always has to be combined with KB-57V (right). For a universal application range, we recommend version KB-57V with adjustable spring (Order no. D257.500.52.62)

Version	Gas spring		Order no.
	Strength	Marking	
left	to 200 N	without	D259.500.21.62

Order numbers for use with aluminium frame or frame doors on request

Material:

Steel, white powder coated,
other colours on request.

Packaging:

> Boxes containing
50 fittings

