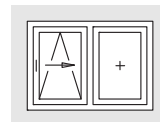# PSK PORTAL 160 PLUS LM

Parallel tilt & slide (PSK) hardware
For light metal profiles a cavity of 21 mm

Size range

Sash width	(mm)	700 to 1,650[1]
Sash height	(mm)	850 to 2,400
Exterior width of frame	(mm)	Depends on the profile system, determined by the sash width, for scheme A: max. 3,460
Rebate thickness	(mm)	7 to 12
Sash weight	(kg)	**Max. 160**
Total frame to sash clearance	(mm)	118

1) For sash widths < 960 mm, the sash height must not be greater than 2.5x the sash width.
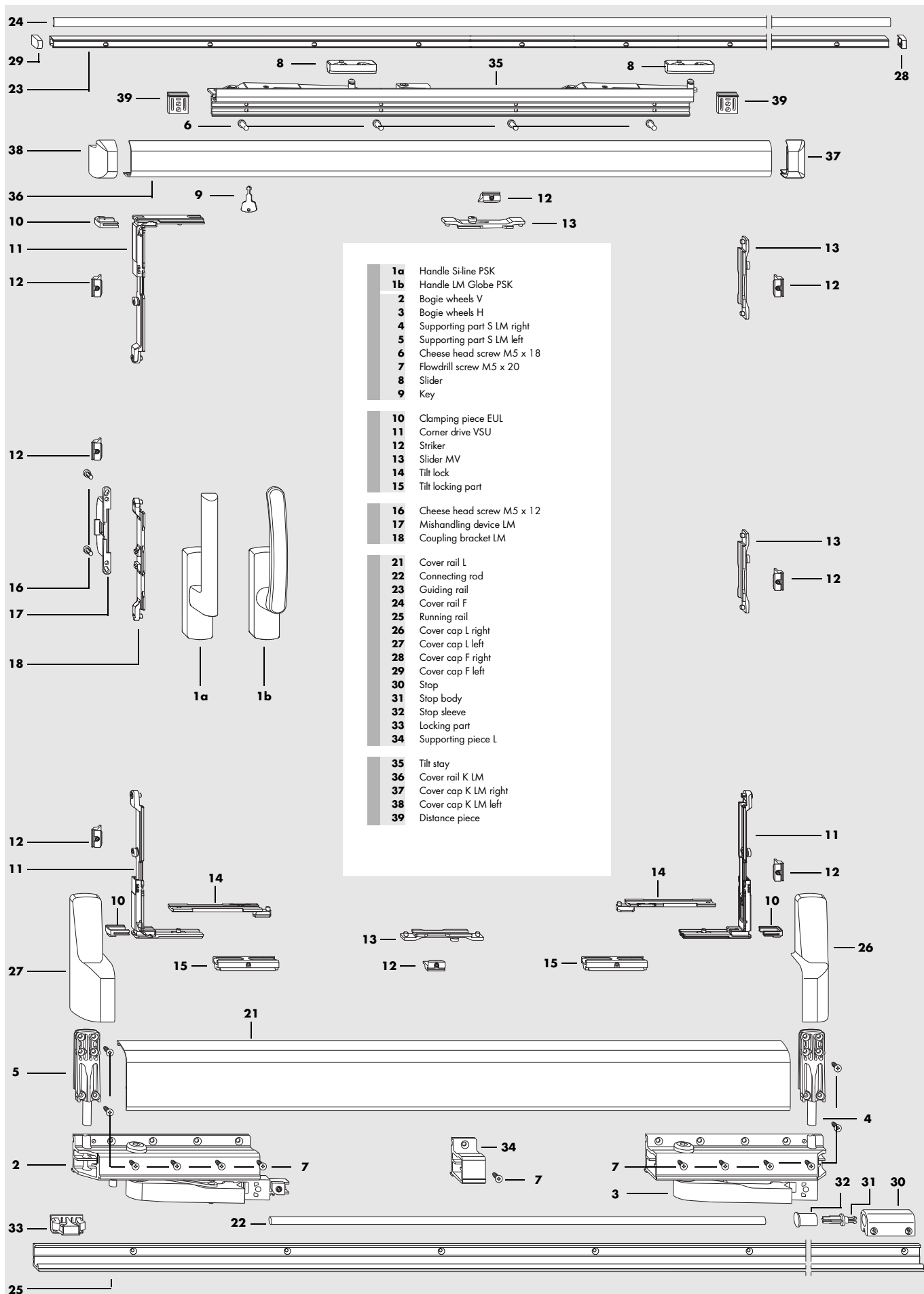
The size ranges mentioned above apply for the PSK-PORTAL 160 PLUS LM fitting from SIEGENIA.

Also effective are the specifications of the profile manufacturers or system owners, **especially** with regard to possible restrictions on sash dimensions, sash weight and lock spacing.
Observe any special manufacturing specifications or processing guidelines explicitly.

Table of contents

Assembly instructions
H48.PSKLMS001EN

1a	Handle Si-line PSK
1b	Handle LM Globe PSK
2	Bogie wheels V
3	Bogie wheels H
4	Supporting part S LM right
5	Supporting part S LM left
6	Cheese head screw M5 x 18
7	Flowdrill screw M5 x 20
8	Slider
9	Key
10	Clamping piece EUL
11	Corner drive VSU
12	Striker
13	Slider MV
14	Tilt lock
15	Tilt locking part
16	Cheese head screw M5 x 12
17	Mishandling device LM
18	Coupling bracket LM
21	Cover rail L
22	Connecting rod
23	Guiding rail
24	Cover rail F
25	Running rail
26	Cover cap L right
27	Cover cap L left
28	Cover cap F right
29	Cover cap F left
30	Stop
31	Stop body
32	Stop sleeve
33	Locking part
34	Supporting piece L
35	Tilt stay
36	Cover rail K LM
37	Cover cap K LM right
38	Cover cap K LM left
39	Distance piece

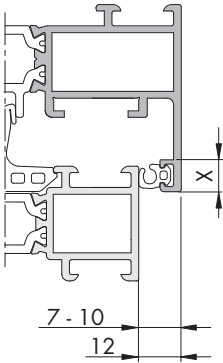*For list of fittings, see pages 3 and 4.*

PSK PORTAL 160 PLUS LM *List of fittings part 1*

Item	Quantity/Scheme A	G	C	K	Description			Material no. silver	white	brown
1	0...1	0...1	0...2	0...2	**Handle Si-line PSK LM**			MHSS2000-52501_	**875445**	**875476**
	0...1	0...1	0...2	0...2	**Handle LM Globe PSK**			MHGS2000-52501_	MHGS2000-50401_	MHGS2000-53301_
no illus.	0...1	0...1	0...2	0...2	Handle PSK lockable			See LMde1337 in the Aluminium planning manual		
	1	1	1	2	**Crt. bg. wh. PSK 160 LM PLUS**	**right** **left**		**PMKF7031-10001_** **PMKF7032-10001_**		
2	1	1	2	2	Bogie wheels V (PSK 160 Plus)	right left	front front			
3	1	1	1	1	Bogie wheels H (PSK 160 Plus)	right left	rear rear			
4	1	1	1	1	Supporting part S LM	right				
5	1	1	1	1	Supporting part S LM	left				
6	5	5	10	10	Cheese head screw M5 x 18					
7	12	12	24	24	Flowdrill screw M5 x 20					
no illus.	30	30	60	60	Flowdrill screw M4 x 20					
	1	1	2	2	Bag accessories PSK PORTAL					
8	2	2	4	4	Slider					
9	1	1	2	2	Key PORTAL					
	1	1	**2**	**2**	**ZV LM PSK VAR. SET**			**MMZV0040-10001_**		
10	3	3	6	6	Clamping piece EUL					
11	3	3	6	6	Corner drive VSU					
12	8	8	16	16	Striker					
13	4	4	8	8	Slider MV					
14	2	2	4	4	Tilt lock					
15	2	2	4	4	Tilt locking part					
	0...1	0...1	0...1	0...2	**Coupling set FBS-G**	**9 mm**		**MMKL0030-10001_**		
	0...1	0...1	0...1	0...2	**Coupling set FBS-G**	**10 mm**		**MMKL0010-10001_**		
	0...1	0...1	0...1	0...2	**Coupling set FBS-G**	**ORH 12 mm**		**MMKL0040-10001_**		
16	2	2	2	2	Cheese head screw M5 x 12					
17	1	1	1	1	Mishandling device LM					
18	1	1	1	1	Coupling bracket					
	-	-	1	-	**Coupling set LM-D**			**MMKL0020-10001_**		
19	-	-	2	-	Cheese head screw M5 x 12					
20	-	-	1	-	Coupling bracket					

generally required

Design variations for coupling set
FBS-G (16 - 18)

ORH	X	Material no.
7 - 10 mm	≤ 8.5 mm	MMKL0030-10001_
7 - 10 mm	≤ 7.5 mm	MMKL0010-10001_
12 mm	≤ 7 mm	MMKL0040-10001_

7 - 10
12

For layout of fittings, see pages 2, 7 and 8.

Item	Quantity/Scheme A	G[1]	C[2]	K[3]	Description					Basic Material no.	silver	RAL 9003 white	RAL 8022 brown
	1	1	2	2	**Profile set PSK LM PLUS**	Size	Length (in mm)	FB (in mm)	RAB (in mm)				
						Sz. 87/200	700 to 900		to 2,000	**PMPF7050**	...-52501_	...-50201_	...-51201_
						Sz. 107/240	901 to 1,100	2,001 to 2,400		**PMPF7060**	...-52501_	...-50201_	...-51201_
						Sz. 130/286	1,101 to 1,300	2,401 to 2,860		**PMPF7070**	...-52501_	...-50201_	...-51201_
						Sz. 160/346	1,301 to 1,650	2,861 to 3,460		**PMPF7080**	...-52501_	...-50201_	...-51201_
21	1	1	2	2	**Cover rail L**	Sz. 87 / Sz. 107 / Sz. 130 / Sz. 160	865 / 1,065 / 1,295 / 1,550						
22	1	1	2	2	**Connecting rod**	Sz. 87 / Sz. 107 / Sz. 130 / Sz. 160	585 / 785 / 1,015 / 1,270						
23	1	1	2	2	**Guiding rail**	Sz. 200 / Sz. 240 / Sz. 286 / Sz. 346	2,000 / 2,400 / 2,860 / 3,460						
24	1	1	2	2	**Cover rail F**	Sz. 200 / Sz. 240 / Sz. 286 / Sz. 346	2,000 / 2,400 / 2,860 / 3,460						
25	1	1	2	2	**Running rail**	Sz. 200 / Sz. 240 / Sz. 286 / Sz. 346	2,000 / 2,400 / 2,860 / 3,460						
	1	1	2	2	Bag Cover cap set PSK LM PLUS								
26	1	1	2	2	Cover cap L	right							
27	1	1	2	2	Cover cap L	left							
28	1	1	2	2	Cover cap F	right							
29	1	1	2	2	Cover cap F	left							
	1	1	2	2	**Bag accessories Running rail PSK PLUS**								
30	1	1	2	2	Stop								
31	1	1	2	2	Stop body								
32	1	1	2	2	Stop sleeve								
33	1	1	2	2	Locking part								
34	1	1	2	2	Supporting piece L								
35	1	1	2	2	**Tilt stay PSK 160**	Size	Length (in mm)	FB (in mm)					
						87	620	700 to 900			716526		
						107	820	901 to 1,100			716533		
						130	1,020	1,101 to 1,300			716540		
						160	1,220	1,301 to 1,650			716557		
	1	1	2	2	**Bag cover rail K LM PSK 160**	Size	FB (in mm)						
						87	700 to 900			**PMPF7090**	...-52501_	...-50201_	...-51201_
						107	901 to 1,100			**PMPF7100**	...-52501_	...-50201_	...-51201_
						130	1,101 to 1,300			**PMPF7110**	...-52501_	...-50201_	...-51201_
						160	1,301 to 1,650			**PMPF7120**	...-52501_	...-50201_	...-51201_
36	1	1	2	2	Cover rail K LM	Sz. 87 / Sz. 107 / Sz. 130 / Sz. 160	940 / 1,140 / 1,370 / 1,670						
37	1	1	2	2	Cover cap K LM	right							
38	1	1	2	2	Cover cap K LM	left							
39	1	1	2	2	Distance piece K PSK LM								

Side labels: *dependent on sash width (FB) and frame width (RAB)*

1) For scheme G, design profile set only for 2/3 of total frame width
2) For scheme C, symmetrical design; point of separation must be between the sliding sashes
3) For scheme K, symmetrical design

For layout of fittings, see pages 2, 7 and 8.

Important Instructions

– Please pay attention to our "Hardware for Sliding Doors and Windows" product information.
– For the PSK PORTAL 160 Plus LM fitting from SIEGENIA the size ranges detailed on page 1 apply.
Furthermore, the specifications provided by the profile manufacturers or system owners also apply, **especially** any information regarding possible restrictions on sash dimensions, sash weight and lock spacing.
Observe any special manufacturing specifications or processing guidelines explicitly. The specifications given for screw-in speeds and torques must be adhered to.
– If the parallel tilt & slide element is subjected to excessive strain, the sash can, in the worst case, jump and fall out of its guide and, in doing so, cause serious injuries.
If it is expected that the parallel tilt & slide element will be subject to excessive strain from being closed with force (use in schools, nursery schools, etc.), appropriate measures must be taken to prevent this from happening.
For example:
– move the stop to reduce the opening width or
– install a lockable handle to prevent unauthorised use.
In case of doubt, be sure to contact your SIEGENIA sales consultant.
– The fittings specified in these assembly instructions are electro-galvanised and finished using a special technique; they comply with DIN EN 1670. They must not be used in environments where the air contains aggressive or corrosive components, or salt.
– Select your complete set of fittings **only** from the SIEGENIA range of fittings. Damage could otherwise occur, for which we accept no liability.
– All fittings must be properly mounted as per the description on pages 10 to 20. **Do not overtighten the screws.**
– The parallel tilt & slide elements may be surface treated only **before** the fittings are assembled. Treating these surfaces at a later stage can reduce the functional capacity of the fittings. In such cases we are not obliged to provide a guarantee.
– When inserting blocks, be sure to observe technical guideline no. 3 published by the German Glazing Trade *[Glaserhandwerk]*, "Blocking glazing units" *[Klotzung von Verglasungseinheiten]*.
– Never use acid cure sealants as they may cause the fittings to corrode.
– Keep the sliding bump (on the running rail) and all rebates free from deposits and dirt, especially from remnants of cement and plaster. Avoid exposing the fittings directly to water and do not let cleaning agents come into contact with the fittings.

– Attach the instruction label (sliding direction DIN left or DIN right) to the integrated parallel tilt & slide sash in a clearly visible location.
The instruction label is located in "Carton PSK 160 LM."

Remove the applicable segment from the respective label and stick it to the window sash.
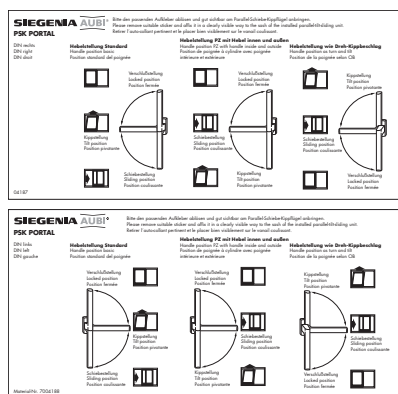

Disclaimer of liability

We assume no liability for loss of function of or damage to the fittings (or to the fitted parallel tilt & slide elements) resulting from insufficient tendering, failure to follow these assembly instructions or force being applied to the fittings (e.g. through improper use).

Abbreviations

The following abbreviations are used in these assembly instructions:

F	Guiding rail	M	Middle	S-ES	Steel-enhanced security
FB	Sash width	MV	Centre lock	SW	Key dimension
FFB	Sash rebate width	OKFF	Finished floor level	ORH	Over rebate height
FFH	Sash rebate height	PZ	Profile cylinder	V	Front
FH	Sash height	RAB	Exterior width of frame	VS	Locking side
G	Handle height	RAH	Exterior height of frame	VSU	Locking side, bottom
H	Rear	RFB	Frame rebate width	ZV	Central locking part
L	Bogie wheels	S	Heavy version		

PSK PORTAL 160 PLUS LM *Design variations*

40a 43 41

40b 44

42 2)

100 1)

42 2)

5

23 2)

12

23 2)

Scheme A

DIN left   or   **DIN right**
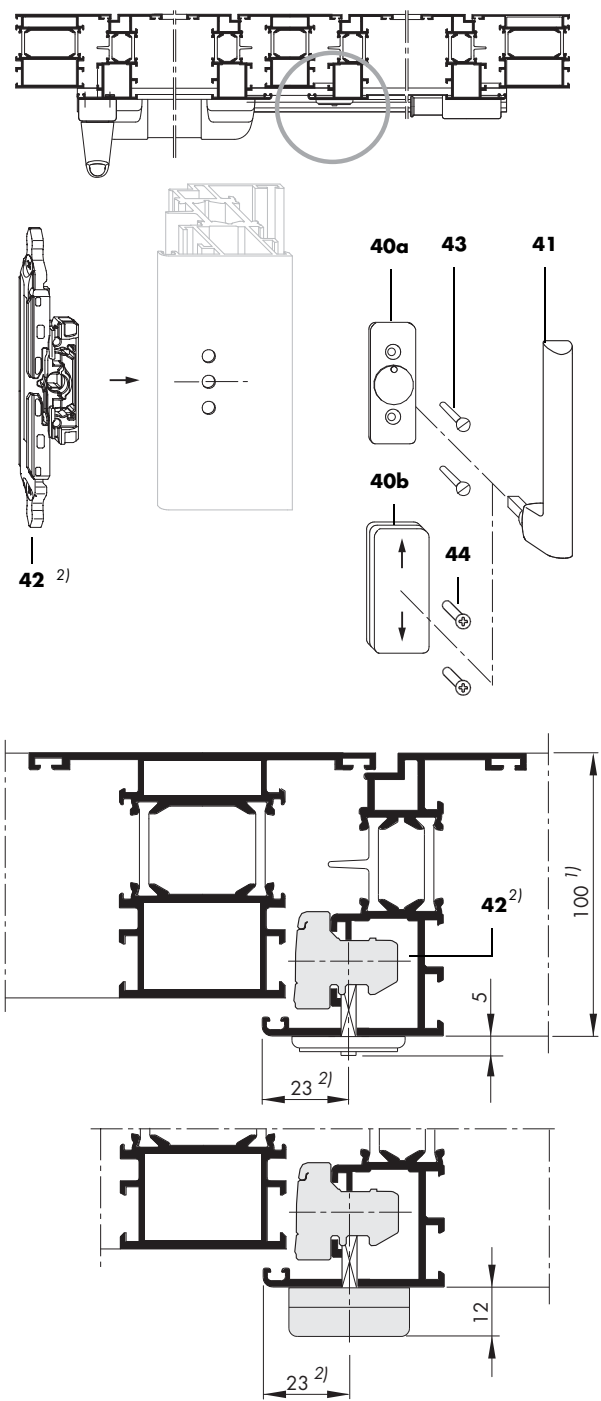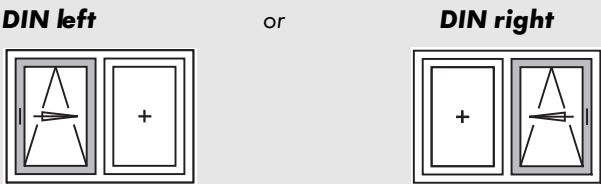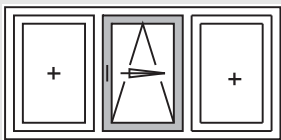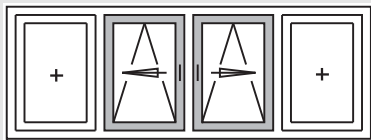

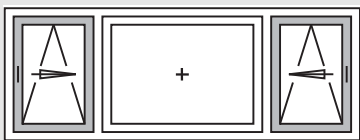1 sliding sash/1 stationary sash*

Scheme G

1 sliding sash/2 stationary sashes*

Scheme C

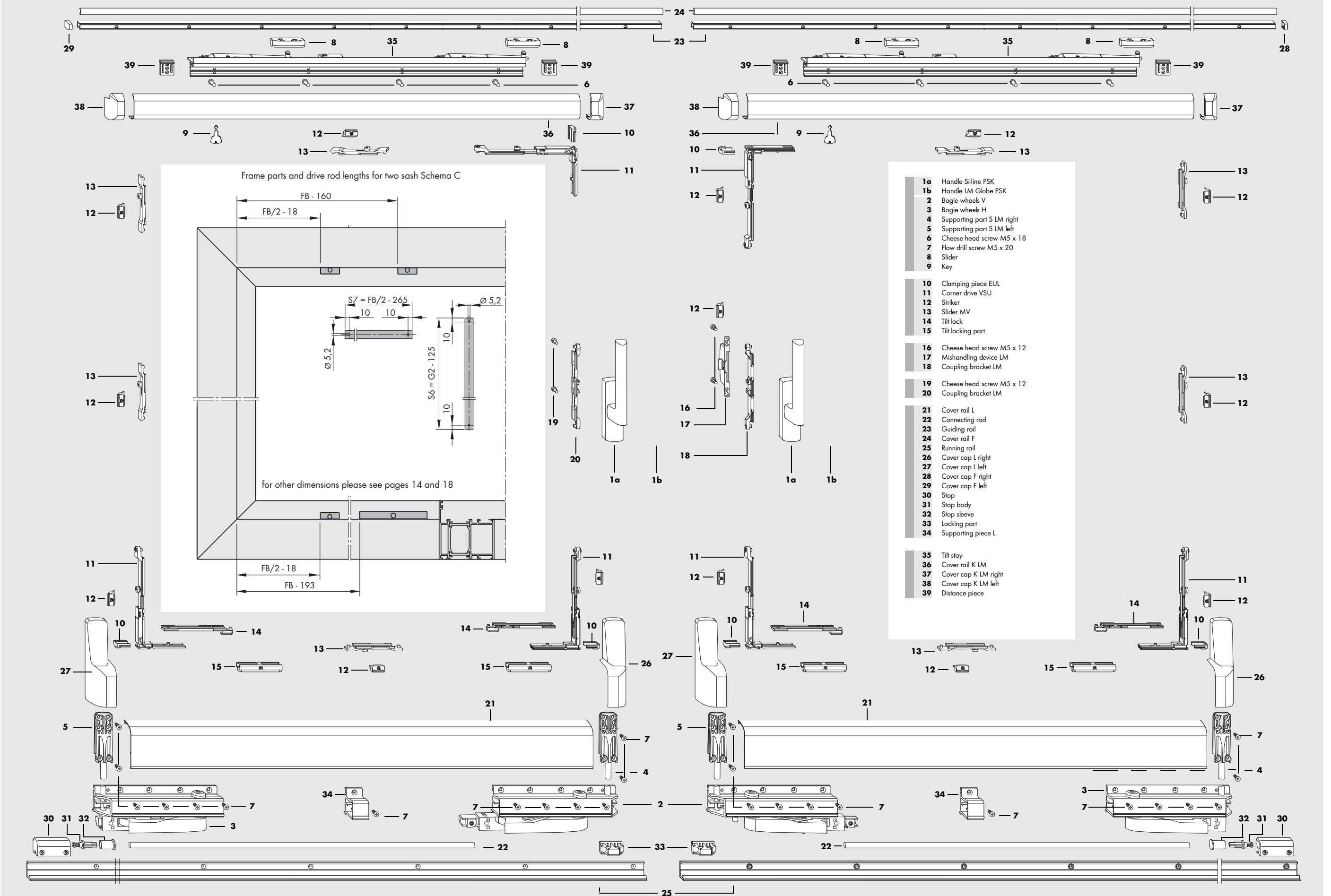2 sliding sashes/2 stationary sashes*
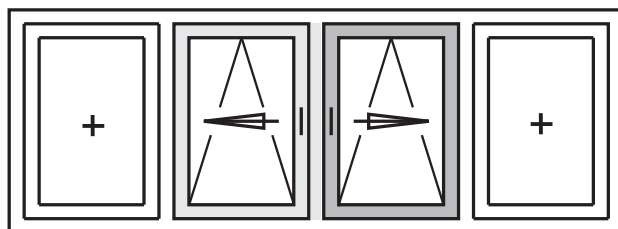
Scheme K

2 sliding sashes/1 stationary sash

*) *Instead of stationary sashes, turning sashes are also possible. Turning sashes are available only with rose PSK PORTAL EUROLINE (40a) or rose Si-line FAVORIT (40b) and* **removable** *handle (41).*

1) *For max. sash profile - installation depth* **up to 100 mm** *, use rose Si-line FAVORIT (40b).*
*   * **over 100 mm** *, use rose PSK EUROLINE (40a).*
2) *For installation dimensions and ordering information, see assembly instructions LMde1361/LMde1364 in the Aluminium planning manual.*
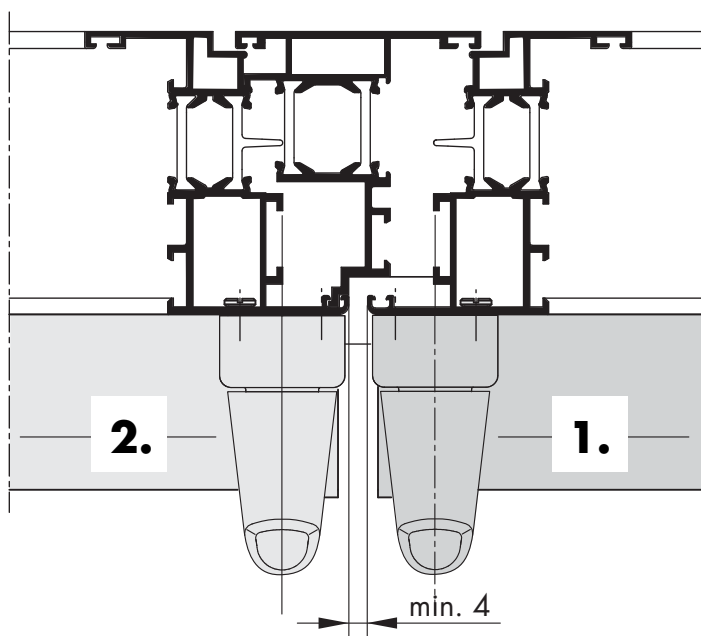
Item	Quan-tity	Description			Material no.
40a	1	Rose PSK EUROLINE	silver	*for profile installation depth over 73 mm*	PHZE0010-52401_
	1	Rose PSK EUROLINE	brown (RAL 8022)	*for profile installation depth over 73 mm*	PHZE0010-51201_
	1	Rose PSK EUROLINE	white (RAL 9003)	*for profile installation depth over 73 mm*	PHZE0010-50201_
40b	1	Rose Si-line FAVORIT		silver *for profile installation depth up to 73 mm*	869826
	1	Rose Si-line FAVORIT	dark bronze	*for profile installation depth up to 73 mm*	869833
	1	Rose Si-line FAVORIT	white	*for profile installation depth up to 73 mm*	862605
41	1	Removable handle Si-line white	*for profile installation depth up to 73 mm*		ZHAN0010-50201_
42	1	Gear set M6			MMGI0090-10003_
43	2	Oval head countersunk screw M5 x 40		*shortened by customer*	800829
44	2	Countersunk screw M5 x 35		*included in pack unit gear M6*	–

Frame parts and drive rod lengths for two sash Schema C

FB - 160

FB/2 - 18

$S7 = FB/2 - 265$

Ø 5,2

Ø 5,2

$S6 = G2 - 125$

for other dimensions please see pages 14 and 18

FB/2 - 18

FB - 193

1a	Handle Si-line PSK
1b	Handle LM Globe PSK
2	Bogie wheels V
3	Bogie wheels H
4	Supporting part S LM right
5	Supporting part S LM left
6	Cheese head screw M5 x 18
7	Flow drill screw M5 x 20
8	Slider
9	Key
10	Clamping piece EUL
11	Corner drive VSU
12	Striker
13	Slider MV
14	Tilt lock
15	Tilt locking part
16	Cheese head screw M5 x 12
17	Mishandling device LM
18	Coupling bracket LM
19	Cheese head screw M5 x 12
20	Coupling bracket LM
21	Cover rail L
22	Connecting rod
23	Guiding rail
24	Cover rail F
25	Running rail
26	Cover cap L right
27	Cover cap L left
28	Cover cap F right
29	Cover cap F left
30	Stop
31	Stop body
32	Stop sleeve
33	Locking part
34	Supporting piece L
35	Tilt stay
36	Cover rail K LM
37	Cover cap K LM right
38	Cover cap K LM left
39	Distance piece

For list of fittings, see pages 3 and 4.

2 sliding sashes/2 stationary sashes

min. 4

Important: Main and secondary sashes must be labelled accordingly to prevent faulty operation.

The sliding sashes may be operated **only** in the order specified below.

To open:	main sash first	[**1.**],
	then secondary sash	[**2.**]
To close:	secondary sash first	[**2.**],
	then main sash	[**1.**]

Snap in stay arm of tilt stay (35) into slider (8).

(Slider)

(Stay arm)

8

23

(a)

(Top hinge pin)

Klick !

(b)

(c)
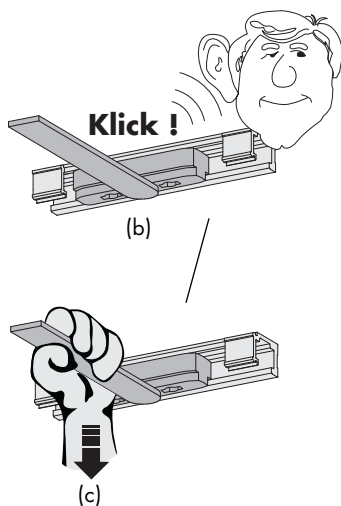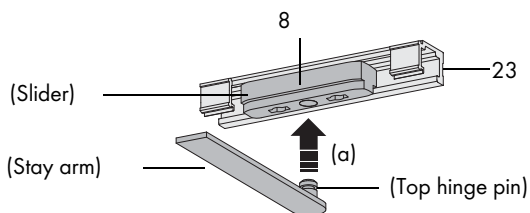
Sequence for securing (hinging the stay arm)

⚠ WARNUNG

If top hinge bolt is not locked in place,

there is a risk of injury from a falling window sash.

▲ Snap in top hinge pin on stay arm in slider (**8**).

1. Insert stay arm **(a)** into slider (**8**) as shown in illustration opposite.

2. Make sure you hear the top hinge pin **(b)** click into place in slider (**8**).

3. Pull gently on stay arm **(c)** to make sure that the top hinge pin is securely in place in slider.

Unhinging the stay arms

8

(d)

(e)

9
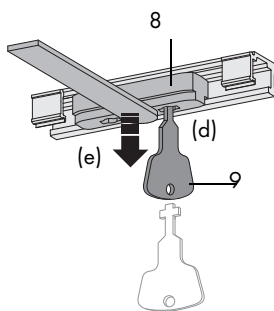
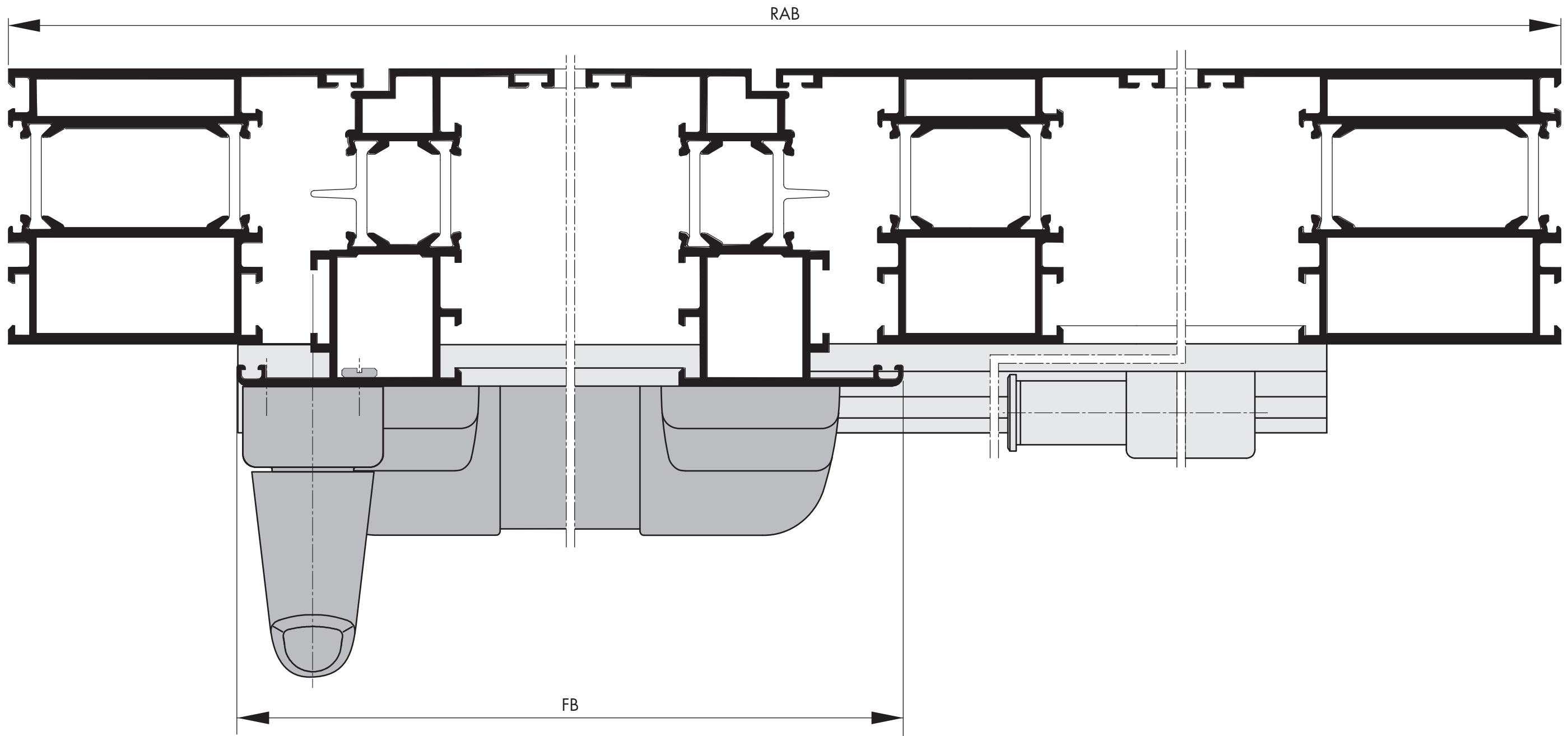Disassembling the stay arm

1. Insert key (**9**) into designated opening on slider (**8**) **(d)** and turn 90 degrees.
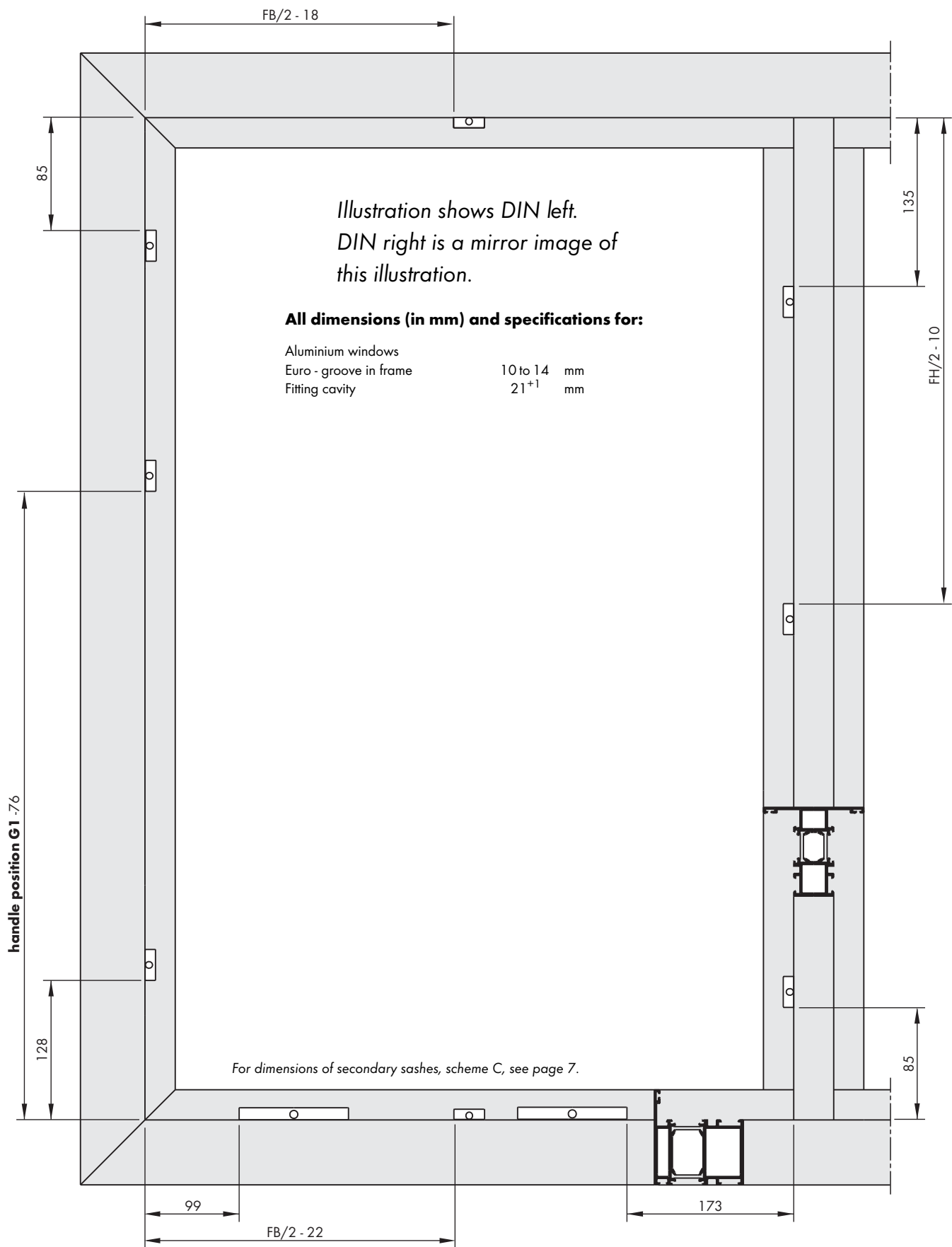2. Pull stay arm down in direction of arrow **(e)**.
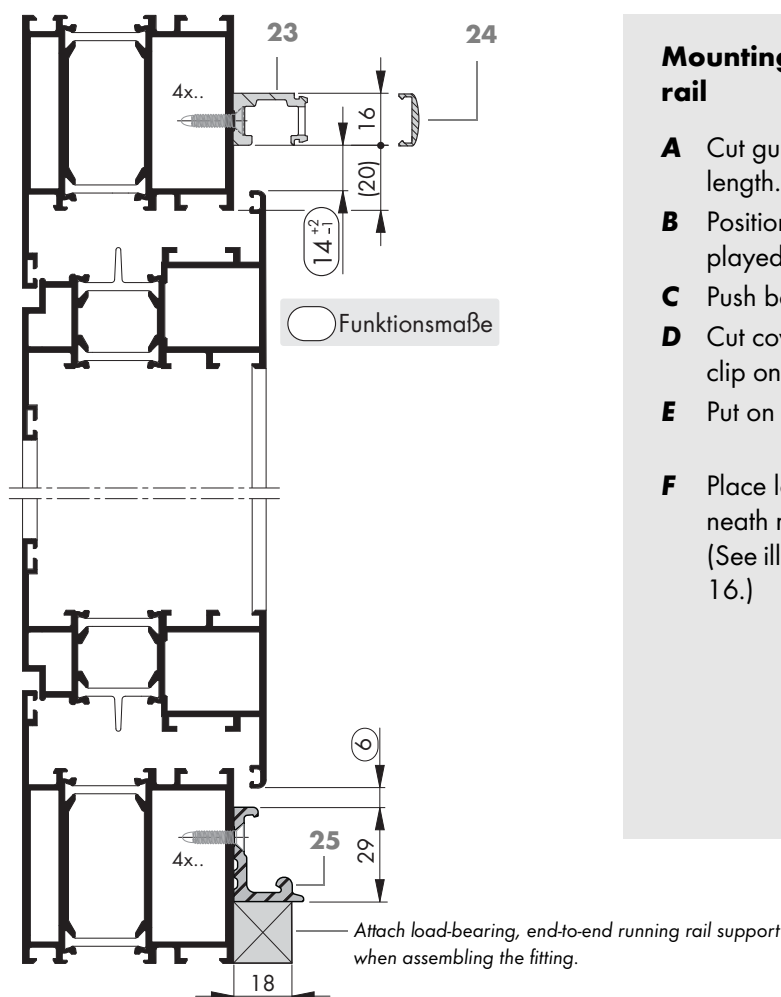   **Note:** The stay arm safety device in the slider (**8**) may be opened only by using the SIEGENIA key (**9**).

For inserting the sliding sashes, see page 20.

4x..

16

14^{+2}_{-1}

21,5

RAH

FH
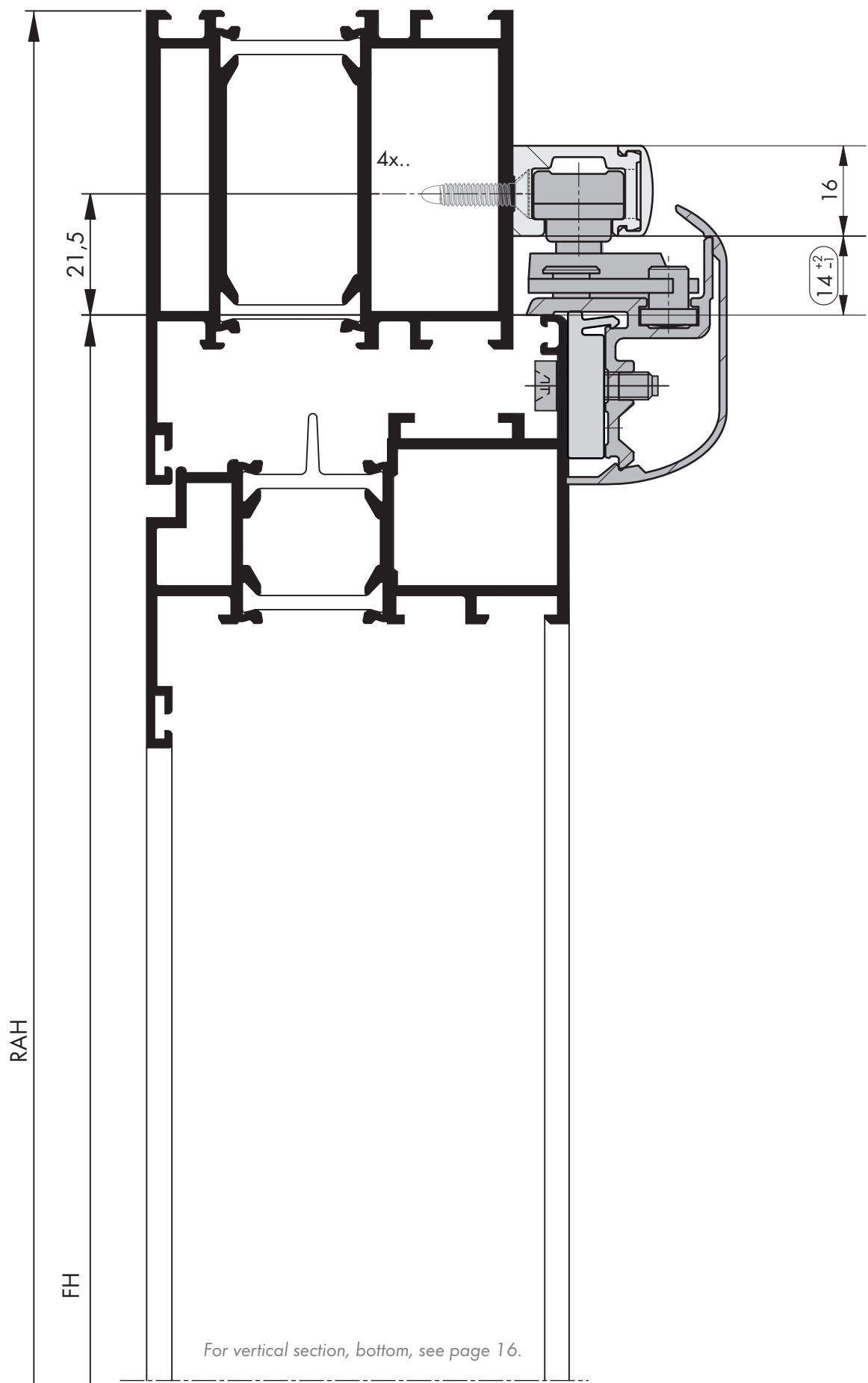
Scheme A

Illustration shows DIN left.
DIN right is a mirror image of this
illustration.

RAB

FB

FB/2 - 18

85

135

FH/2 - 10

Illustration shows DIN left.
DIN right is a mirror image of
this illustration.

All dimensions (in mm) and specifications for:

Aluminium windows
Euro - groove in frame   10 to 14   mm
Fitting cavity 21^{+1} mm

handle position G1 -76

128

85

For dimensions of secondary sashes, scheme C, see page 7.

99

173

FB/2 - 22

23 **24**

4x..

16

(20)

14^{+2}_{-1}

Funktionsmaße

6

25   29

4x..

18

Attach load-bearing, end-to-end running rail support when assembling the fitting.

Mounting the running rail and guiding rail

A   Cut guiding rail (**23**) and running rail (**25**) to length.

B   Position and secure both parts as per the displayed dimensions.

C   Push both sliders (**8**) into guiding rail (**23**).

D   Cut cover rail F (**24**) to length and clip on.

E   Put on lateral cover caps F (**28** and **29**).

F   Place load-bearing, end-to-end support underneath running rail (**25**).
(See illustration opposite or illustration on page 16.)

G   Position locking part (**33**) and tighten using SW 4 hexagon socket head wrench (torque 4 - 4.5 Nm).

   *1) **Note**:   If dimension 16 mm (on page 19) is increased or decreased, dimension 46 increases or decreases accordingly.*

H   Insert stop body (**31**) and stop sleeve (**32**) into stop (**30**) according to sliding direction DIN left or DIN right.
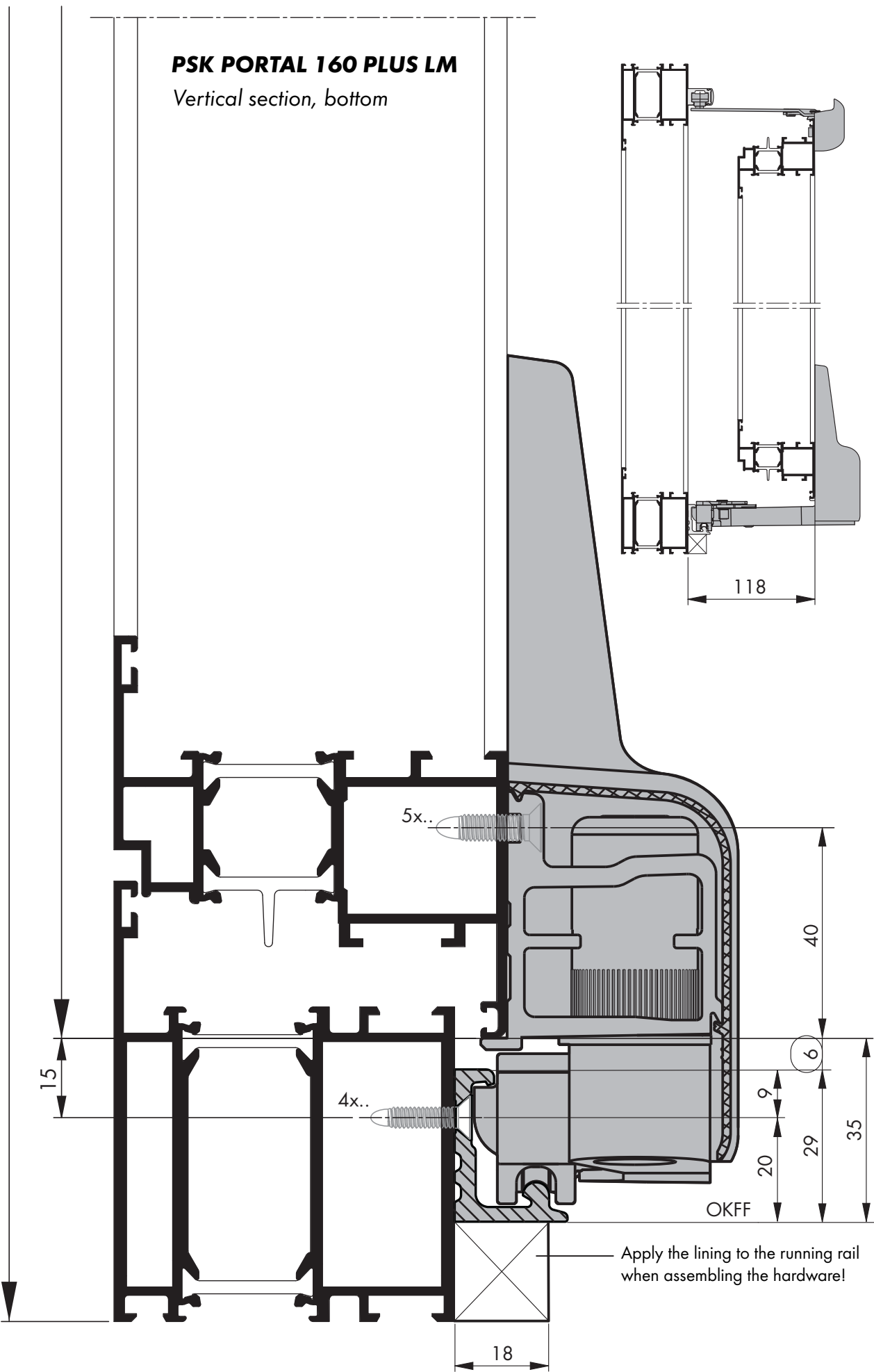
I   Insert stop (**30**) into running rail (**25**) and tighten slightly.

   Note: Do not securely tighten stop (**30**) until sliding sash is inserted (see page 20).
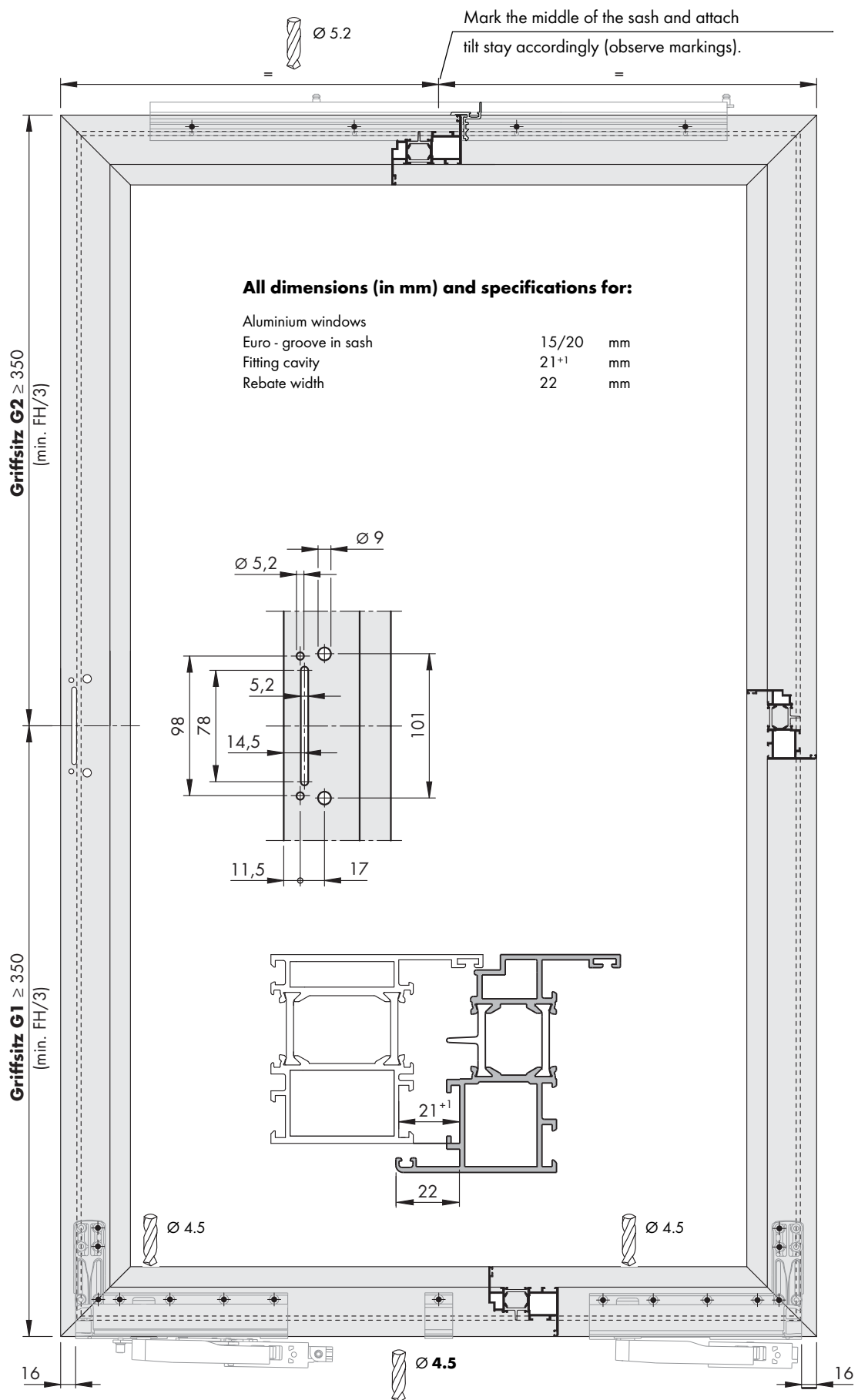
Dimensions for 6-mm sash overlap on frame equates to being "flush with sash outer edge."
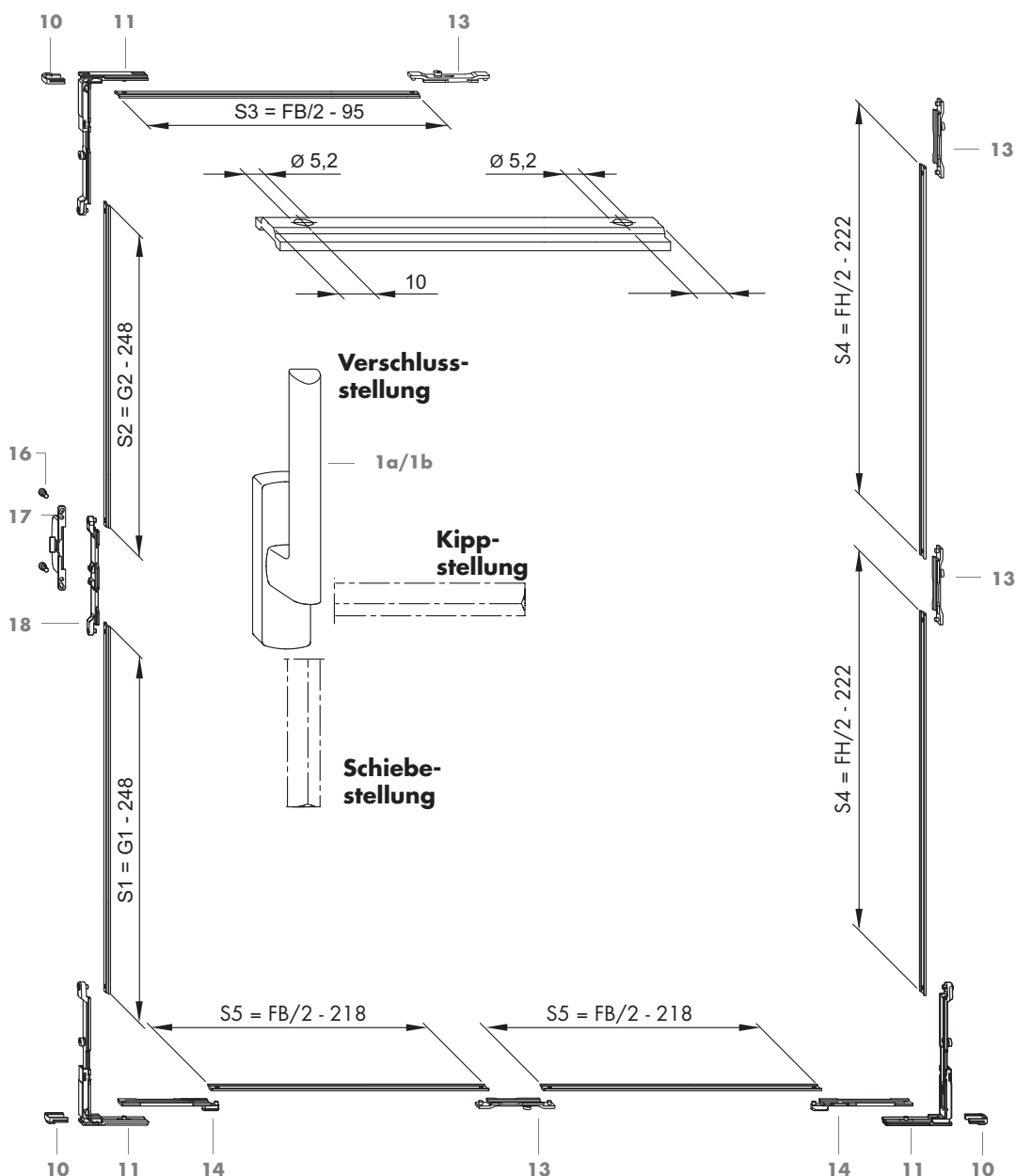
Length of guiding rail and cover rail = frame rebate width + 6 mm

23

Frame rebate width

25

Length of running rail = frame rebate width + 34 mm

$46^{1)}$

32 **31** **30**

33
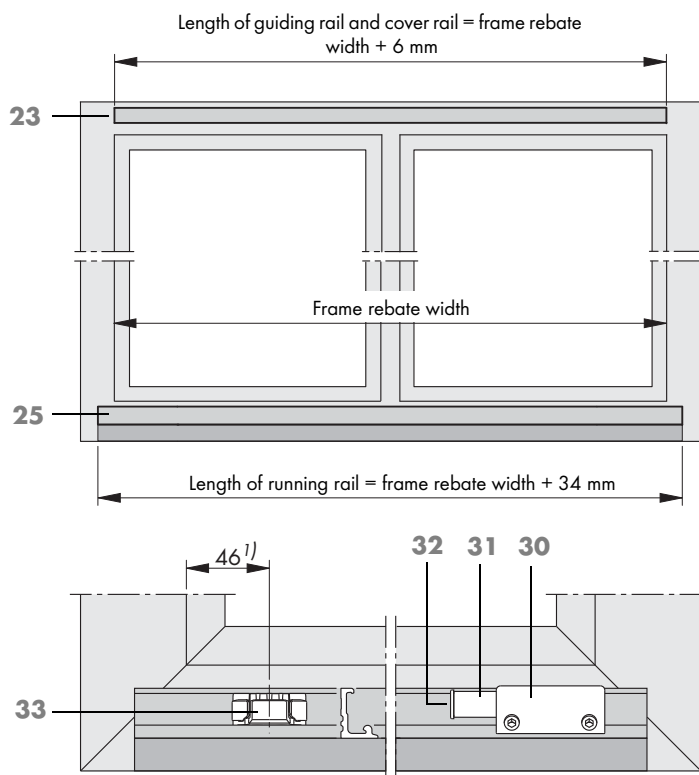
PSK PORTAL 160 PLUS LM

Vertical section, bottom

5x..

4x..

15

40

6

9

29

35

20

OKFF

118

18

Apply the lining to the running rail
when assembling the hardware!

SIEGENIA®

Ø 5.2

Mark the middle of the sash and attach
tilt stay accordingly (observe markings).

=

=

Griffsitz G2 ≥ 350
(min. FH/3)

All dimensions (in mm) and specifications for:

Aluminium windows
Euro - groove in sash   15/20   mm
Fitting cavity   21⁺¹   mm
Rebate width   22   mm

Ø 9

Ø 5,2

98
78

5,2

14,5

101

11,5   17

Griffsitz G1 ≥ 350
(min. FH/3)

21⁺¹

22

Ø 4.5

Ø 4.5

Ø **4.5**

16

16

For dimensions of secondary sashes, scheme C, see page 7.

Mounting the central locking part on the sash

Torque 2.5 ± 0.25 Nm for grub screws, coupling screws and cheese head screws.

A Rework operating rods S1 - S5 according to specifications and open operating rod guiding groove.
B Slide in operating rod S3 with Schieber MV (**13**) horizontally from the top.
C Slide in Kippriegel (**14**) operating rod S5 with Schieber MV (**13**), operating rod S5 and Kippriegel (**14**) horizontally from below.
D Slide in operating rod S1, Kupplungslasche (**18**), operating rod S2 and Eckumlenkung VSU (**11**) vertically from the top. Couple Eckumlenkung VSU (**11**) with operating rod S3 and secure using clamping piece EUL (**10**).
E Loosen coupling screw on Eckumlenkung VSU (**11**). Slide in Eckumlenkung VSU (**11**) vertically from below.
F Couple Eckumlenkung VSU (**11**) with Kippriegel (**14**) and secure using clamping piece EUL (**10**).
G Connect Eckumlenkung VSU (**11**) and operating rod S1 to coupling screw.
H Slide in Schieber MV (**13**), operating rod S4, Schieber MV (**13**), operating rod S4 and Eckumlenkung VSU (**11**) from below.
 I Couple Eckumlenkung VSU (**11**) with Kippriegel (**14**) and secure using clamping piece EUL (**10**).
J Screw mishandling device LM (**17**) on rebate using cheese head screws M5 x 12 (**16**) for the handle (**1a/1b**). Pay attention to inclusion of handle catch in Kupplungslasche (**18**).

For layout of fittings, see pages 2, 7 and 8.

35

Ⓐ

6   39

Length = FB - 34

38   Ⓑ   36   37
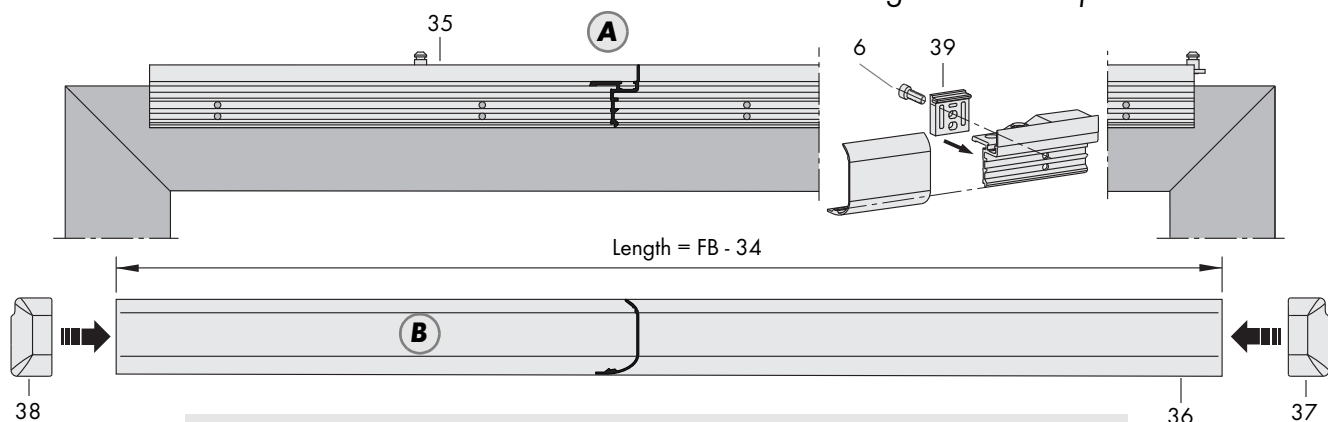
Mounting the tilt stay

Torque 2.5 ± 0.25 Nm for cheese head screws and flow drill screws
*Fix distance pieces (**39**) in the correct screw positions by clipping them onto tilt stay (**35**). Screw tilt stay (**35**)*
onto sash frame above the provided drilling mounting holes using
*cheese head screws M5 x 18 (**6**).*

B   Cut cover rail K (**36**) to length, place onto tilt stay (**35**) from above and snap on. Slide on cover caps K (**37** and **38**) onto the side.

Mounting the bogie wheels

C   Slide on supporting parts (**4** and **5**), according to their application DIN left or DIN right, into bogie wheels V (**2**) and bogie wheels H (**3**).

D   Screw tight bogie wheels V (**2**) and bogie wheels H (**3**) using flow drill screws M5 x 20 (**7**).

E   Centre supporting piece L (**34**) for cover rail L (**21**) and screw on.

F   Attach connecting rod (**22**) on bogie wheels V (**2**), mark off on marking from bogie wheels H (**3**) and cut to length.
Insert connecting rod (**22**) into bogie wheels H (**3**) and secure using hexagon socket screw (torque 10 - 11 Nm).
For this use a SW 4 hexagon wrench.
Insert connecting rod (**22**) into bogie wheels V (**2**).
Fix (secure) bogie wheels H (**3**) into locking position. Ensure the parallel position of bogie wheels.
Secure connecting rod (**22**) into bogie wheels V (**2**) also using hexagon socket screw (torque 10 - 11 Nm).

G   After sash frame is inserted into window frame (see page 20), snap on cover rail L (**21**) and slide on cover caps L (**26** and **27**).

Ⓖ   Ⓖ

27   26

Length = FB - 94

5   4

21

7   Length = FB - 385   Ⓕ

Ⓒ   Ⓒ

22

Ⓔ

16   16

Ⓓ   34   Ⓓ

2   3
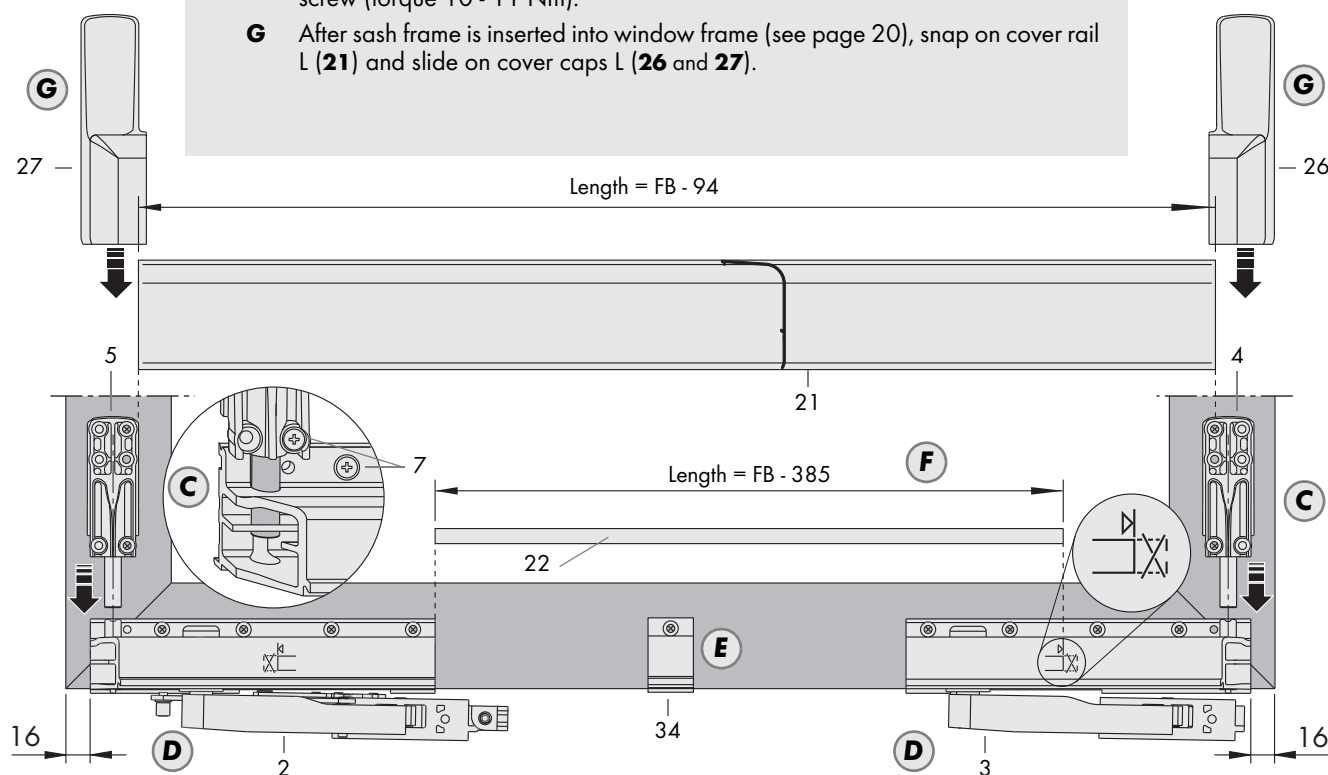
Inserting the sliding sashes

A Place stay arms of tilt stay (**35**) into tilt position.
Place sash frame onto running rail (**25**) at an incline and
snap coupling bolt of the stay arms into slider (**8**).
Confirm that the snapped-in coupling bolt is secure by pulling
briefly on the stay arm.

B Secure stop (**30**). To do this, slide sash into the desired
final position and screw tight stop (**30**) using SW 4 hexagon socket head
wrench (torque of 4 - 4.5 Nm).

C Check that all fittings work.
Use the adjustments if necessary.

Adjustment possibilities

If necessary, the function of the tilt stay (**35**) and height of the parallel tilt
& slide sash can be adjusted **after the glass pane is installed**.
The locking effect and pressing pressure of the tilt stay can be set using
the SW 4 hexagon socket head wrench.
The height can be adjusted at the front (**2**) and rear (**3**) of bogie wheels
using the SW 8 hexagon socket head wrench. The bogie wheel height
adjustment (+4/–2 mm) is self-locking.

Note: Locking part (**33**) can be moved for a central sash
run-in.

Note: For hinging and unhinging the
stay arms, see page 10.

PSK PORTAL 160 Plus LM   Einhängen und Aushängen der Scherenarme

**Scherenarm der Kippschere (35) in Gleiter (8) einrasten**
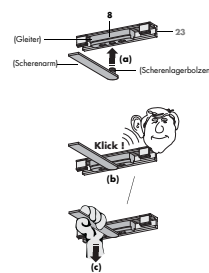
⚠ WARNUNG   Bei nicht eingerasteten Schererenbolzen.
Verletzungsgefahr durch herausfallende Fensterflügel!
➢ Scherenlagerbolzen am Scherenarm im Gleiter (8) einrasten.

1. Scherenarm (a) wie in nebenstehender Abbildung in Gleiter (8) einschieben.
2. Auf das Einrasten (Klick) des Scherenlagerbolzens (b) im Gleiter (8) ist unbedingt zu achten.
3. Durch kurzes Ziehen am Scherenarm (c) ist der feste Sitz des Scherenlagerbolzens im Gleiter zu überprüfen.

Reihenfolge beim Sichern (Einhängen des Scherenarmes)

Aushängen der Scherenarme
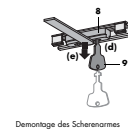
1. Schlüssel (9) in vorgesehene Öffnung des Gleiters (8) einstecken (d) und um 90° drehen.
2. Scherenarm nach unten in Pfeilrichtung ziehen (e).
Hinweis: Das Öffnen der Scherenarmsicherung im Gleiter (8) darf nur mit dem SIEGENIA-AUBI Schlüssel (9) erfolgen.
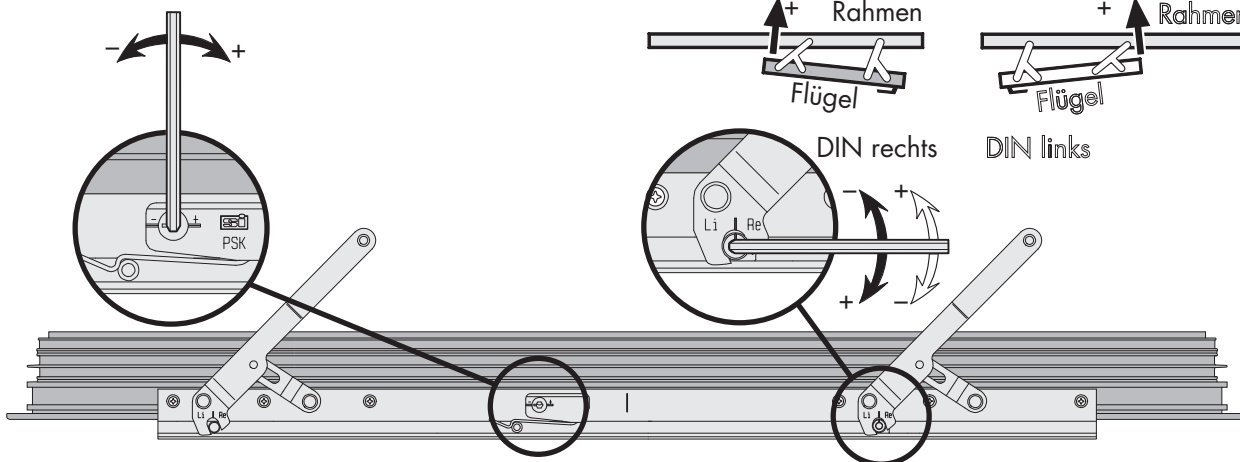
Demontage des Scherenarmes

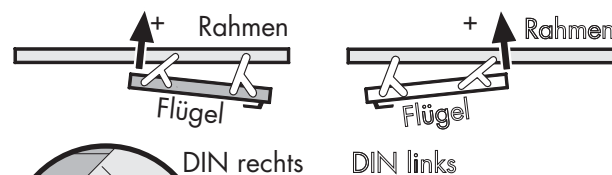*Einsetzen Schiebeflügel siehe Seite 20.*   **SIEGENIA AUBI**   Druckdatum 12.02.2011   PSKde7010 Seite 10

Setting the locking effect of the tilt stay

Setting the pressing pressure of the tilt stay

Adjusting the height on the bogie wheels