

Item	Description	Order no.	Qty. per pattern				
			A	C	D	G	K
1	Front bogie	lh (3) rh	6-32332-00	1	2	1	2
1A	P-S front scissor slider	lh (2) rh	6-36028-01	1	2	1	2
1B	P-S central scissor slider	lh (4) rh	6-36029-01	2	4	2	4
1C	Tandem bogie	lh (5) rh	6-30375-00	2	4	2	4
2	Rear bogie	lh (3) rh	6-29557-00	1	2	1	2
2B	P-S rear scissor slider	lh (2) rh	6-36029-02	1	2	1	2
3	Control part	Standard Tandem	(1) 6-33328-00	1 2	2 4	1 2	2 4
3A	GU-oZ bb control part	(1)	6-34741-00	1 x lh 1 x rh	2 x lh 2 x rh	1 x lh 1 x rh	2 x lh 2 x rh
4	Fixing pin for control part	only with pattern D	9-39897	--	--	1	--
8	Stay arm slide block	Standard Tandem	(1),(4) 6-22755-00	2 4	4 8	2 4	4 8
9	Corner drive with M.D		6-37120-06	1 (0)	2 (0)	1 (2)	2 (0)
				Value in brackets valid if item 52 or 41E is used			
9A	Corner drive without M.D.		6-37264-06	2 (3)	4 (6)	2 (3)	4 (6)
				Value in brackets valid if item 52 or 41B, 41D is used			
9B	Clamping bracket		9-48157-00	3	6	3	6
12	SPACIO geared turn handle	for max. 130 kg sash weight	G-46551-96	1	2	1	2
15	Carrier piece		6-30984-06	1	2	1	2
17	End cap for P 1603	(1)	9-38520-00	1 x lh 1 x rh	2 x lh 2 x rh	1 x lh 1 x rh	2 x lh 2 x rh
17A	Cover for end-cap screw	(1)	9-26687-00	2	4	2	4
17B	Countersunk-head tapping screw DIN 7982 ST 3.5 x 38-A2-C-H	(1)	9-13151-38	2	4	2	4
18	Spring-loaded buffer	(1)	6-29564-00	1	2	1	2
18A	P-S spring-loaded buffer		6-36059-01	1	2	1	2
19	Support for P 1603 / P 1608	(1)	9-38527-00	1	2	1	2
23	Connector with cam	SW	6-39396-06	2 (3)	6 (7)	2 (3)	4 (6)
		600-1200					
		SH					
		730-1200					
		1201-2400					
25	Connecting rod ∅ 8	SW	(1),(4)	1	2	1	2
		-600					
		601-1000					
		1001-1300					
		1301-1500					
25C	Connecting rod ∅ 10	SW	(1),(5)	1	2	1	2
		600-900					
		901-1100					
		1101-1300					
		1301-1600					
26	Guide from SW 1101	SW	6-29750-00	1	2	1	2
		600-850					
		851-1100					
		1101-1350					
		1351-1600					
27	P 1603 cover rail	SW	(1)	1	2	1	2
		600-850					
		851-1100					
		1101-1350					
		1351-1600					
28	P 1213 roller track	Application range refer to sheet 7	(1) 9-30162-35	1	2	1	2
29	P 1930 guide track	(1)	P-01930	1	2	1	2
29B	P 1931 guide track	Application range refer to sheet 7	(1) 9-47325-99	1	2	1	2
30A	P 1932 cover profile	same length as item 29B	(1) P-01932-35	1	2	1	2
31	End cap	(1)	9-47513-01	1 x lh 1 x rh	2 x lh 2 x rh	1 x lh 1 x rh	2 x lh 2 x rh
31A	End cap	(1)	9-47326-01	2			
32	Striker (A = 2,0) Striker (A = 1,5)	SW	6-37261-01 6-37261-02	5	10	5	10
		600-1200					
		SH					
		730-1200					
44	Tilt&Slide buffer	(1)	6-30388-00	2	4	2	4
52	Mishandling device		6-31065-40	1	1	1	2
71	Nut	SW	(1) 9-31861-00	6	12	6	12
72	Fillister-head screw M4 x 8 / DIN 7985	600-1350 1351-2000	9-13329-08	12	24	12	24

- (1) P-S profiles set K-18271-99
(2) P-S scissor slider set, top-running K-18268-00-9
(3) Bogie set K-15268-00-9
(4) P-S scissor slider set, tandem top-running K-18270-00-9
(5) P-S bogie set K-15509-00-9

Alternatively							
Item	Description	Order no.	Qty. per pattern				
			A	C	D	G	K
	Geared turn handle, lockable (not shown in drawing)	G-46553-96	1	2	1	2	
40	DIRIGENT F turn handle	6-28072-99	1	2	1	2	
41B	Mill-in gear with mishandling device*	size = backset 25/30/35/40/45/50	6-25917-99	1	2	1	2
41D	Insertable gear with mishandling device*		6-39384-06	1	2	1	2
41E	Insertable gear without mishandling device**		6-39385-06	1	2	1	2
42	PC lock	size = backset 25/30/35/40/45/50	6-25918-99	1	2	1	2
46	Handle DIRIGENT F (without spindle)		6-28072	1	2	1	2
47	Handle DIRIGENT F (outside)		6-25223	1	2	1	2
56	DIRIGENT HL 90° turn handle	from 131 kg sash weight with mill-in gear	6-31382-99	1	2	1	2
48	PC rosette inside		6-31383-99	1	2	1	2
49	PC rosette outside		K-17205-02	1	2	1	2
50	Square spindle	ST 56-70 Length = 118	9-43605-02	1	2	1	2
		ST 71-80 Length = 131	9-26874-56	1	2	1	2
		M5 x 35	9-26874-69	1	2	1	2
		M5 x 60 ST 51-60	9-13255-35	2	4	2	4
		M5 x 70 ST 61-70	9-13255-60	4	8	4	8
51	Countersunk screw	M5 x 80 ST 71-80	9-13255-70				
	Night lock (not illustrated)		9-13255-80				
			K-13282	1	2	1	2

* (when using item 9A)
** (when using item 9)

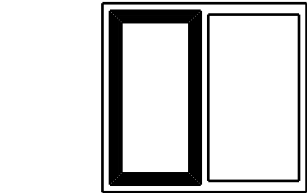
Sash configuration pattern:

Hardware overview

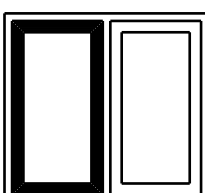
refer to sheet 2 and 3

Pattern A

Sheet 2: Hardware overview
Standard
Sheet 3: Hardware overview
Tandem
Sheet 4: Detailed sections



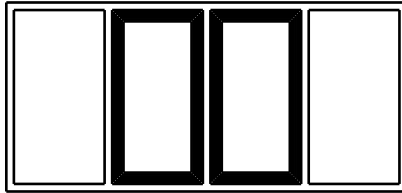
1 sliding sash / 1 fixed glazing



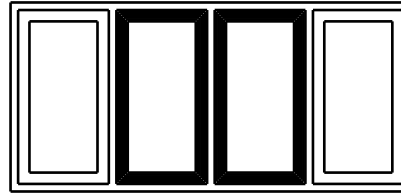
1 sliding sash / 1 Turn-Only sash
with fixed centre mullion

Pattern C

Sheet 5: Detailed sections



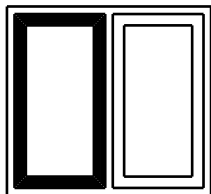
2 sliding sashes / 2 fixed glazings
with dummy mullion



2 sliding sashes / 2 Turn-Only sashes
with dummy mullion

Pattern D

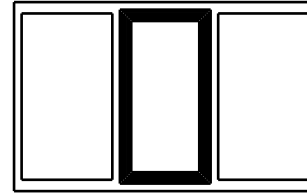
Sheet 6: Detailed sections



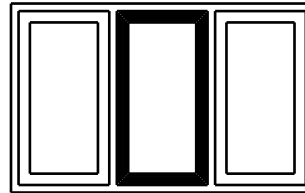
1 sliding sash / 1 Turn-Only sash with dummy mullion

Pattern G

Hardware installation
refer to sheet 2



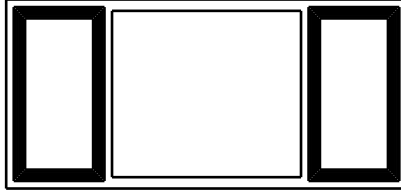
1 sliding sash /
2 fixed glazings



1 sliding sash / 2 Turn-Only sashes
with centre mullion

Pattern K

Hardware installation
refer to sheet 2



2 sliding sashes / 1 fixed glazings

Drilling and milling jigs

refer to sheet 7

Specify when ordering:

TFW (total frame width)
SW (sash width)
SH (sash height)
Handle lh or rh side
(drawing shows lh)

Colour: EV1, UC5, white
Sash configuration pattern
Lockable gear, if required
Turn handle inside or
on both sides

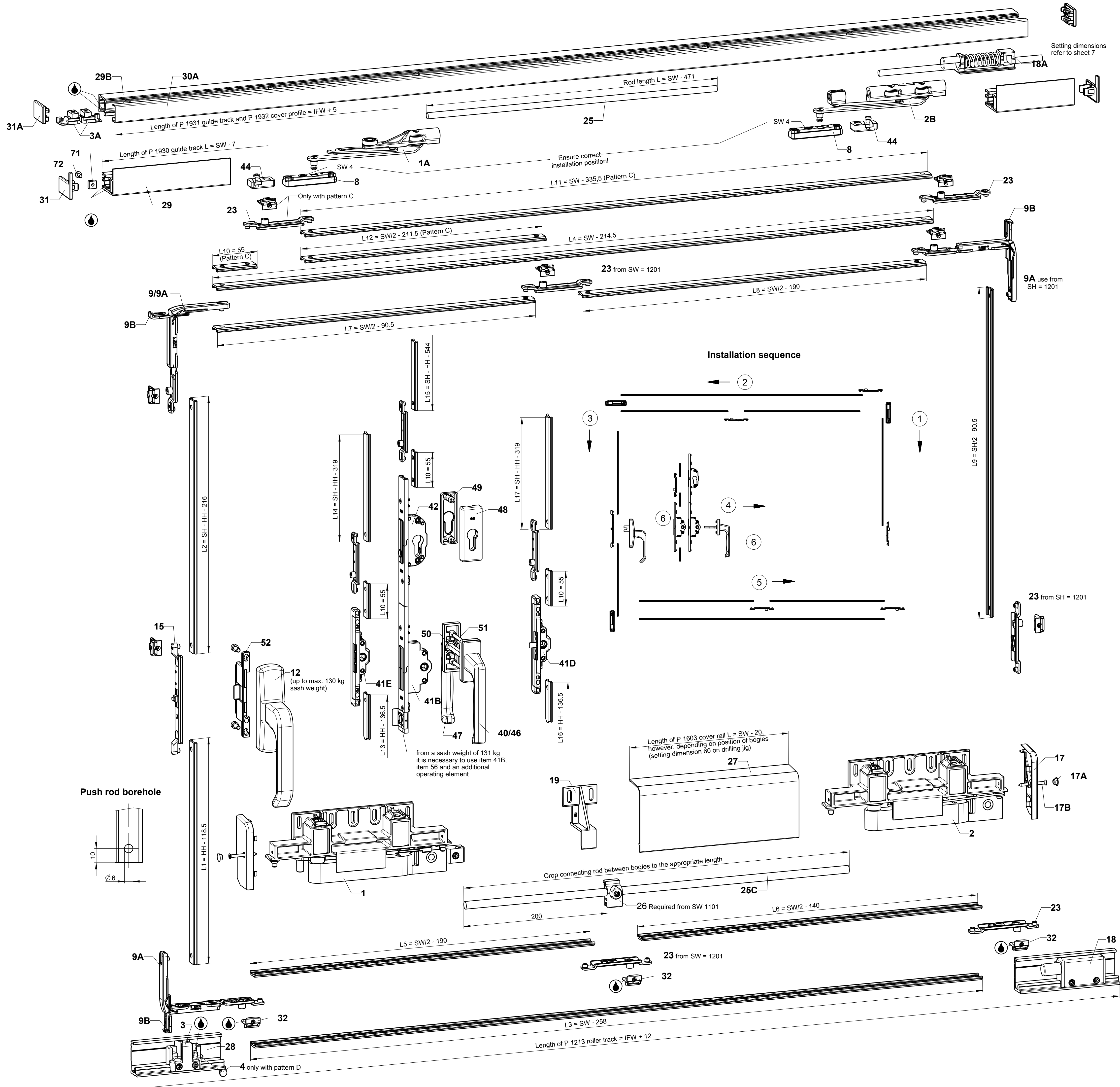
Application range:

The sash height must
not exceed 2,5 times
the sash width.

	SW	SH	Sash weight
Standard	600-2000	730-3000	till 130 kg
Tandem at top	1050-2000	730-3000	131-180 kg
Tandem at top and bottom	1050-2000	730-3000	181-200 kg

Note regarding the handle:

From 131 kg sash weight use
DIRIGENT HL (item 56) and
an additional operating element



Installation instructions

Drilling and milling according to specified dimensions, preferably by means of appropriate jigs.

Hardware installation on sash:

- Punch apertures into profile for insertion of locking components :
 - Handle side: at top and bottom
 - Side opposite to handle: at top
- Insert and fix locking components as shown under "Installation sequence."
- Fix turn handle (item 12) together with mishandling device (item 52); ensure that carrier piece (item 15) engages in coupling. Alternatively: - Mill-in gear with mishandling device (item 41B) - Mill-in gear with mishandling device (item 41B) plus PC lock (item 42)
- Fix front and rear bogie (item 1 and 2).
- Fix support (item 19) at centre of sash.
- Crop connecting rod Ø 10 (item 25C) and insert in rear bogie, firmly tighten screws. Insert rod in front bogie, put bogies in "closed" position and firmly tighten screws on front bogie. Tightening torque: 10 - 12 Nm
- Fix guide track (item 29) on sash using the nut (item 71) and fillister head screw (item 72). Insert slide blocks (item 8) and T&S buffers (item 44) and attach end caps (item 31).

Hardware installation on frame:

- Crop and install roller track (item 28).
- Important:
The roller track must be supported with a batten and screwed to the frame over its entire length!
- Push control part (item 3) onto roller track and tighten screws using a 4 mm Allen key. (Position of control part see drawing) Tightening torque: 10 - 12 Nm
- For elements without mullion (pattern D) use drilling jig 6-30447.
- Crop guide track (item 29B), cover profile (item 30A) and connecting rod Ø 8 (item 25). Mounting the guide track:
Insert connecting rod Ø 8 into rear scissor slider (item 2B) and tighten screw. Slide front scissor slider (item 1A) onto rod Ø 8 and insert complete assembly into guide track (item 29B). Then firmly tighten screw on front scissor slider. Insert GU-oZ bb control parts (item 3A) into guide track and tighten firmly. (Position see drawing) Tightening torque: 10 - 12 Nm

Installing the sliding sash:

- Set locking system in "open" position (turn handle is horizontal).
- Place sash on roller track at an inclined angle and swivel sash against frame. Insert scissor slider pins completely into slide blocks (item 8) and lock with 4 mm Allen key (refer to illustration on sheet 4).
- Attention
Note:
Pull on stay arm firmly to ensure it is securely locked!
- Positioning the scissor sliders:
Slide retracted sash against control parts (items 3A) and close the sash. Then move scissor sliders against control parts (item 3A) and hold them in position. Move front T&S buffer (item 44) against front slide block (item 8) and tighten screw firmly. Open sash, then move scissor sliders against front T&S buffer and hold them in position. Move rear T&S buffer (item 44) against rear slide block (item 8) and tighten screw firmly.
- Note:
The control strap of the front scissor slider (item 1A) and the control pin of the front bogie (item 1) must be released in the control parts (item 3A, respectively item 3) simultaneously! (Setting dimensions refer to sheet 7)

Checking the sash position:

- Sash not in parallel with frame in horizontal direction:
Loosen clamping screw for connecting rod on front bogie. Align sash in parallel, retighten screws firmly.
- Sash not in parallel with frame in vertical direction:
Pull out slider covers on front and rear bogie to access the vertical adjustment screws. Align the sash vertically using a 4mm Allen key, push slide covers back again.
- Sash does not run into the frame centrally:
Loosen clamping screws on upper and lower control parts (item 3A and 3, respectively). Displace control parts accordingly and retighten screws firmly.
- First install P-S spring-loaded buffer (item 18A), then install spring-loaded buffer (item 18). The sash should touch both buffers simultaneously. Tightening torque: 10 - 12 Nm (installation refer to sheet 7)
- Clip cover profile (item 30A) onto guide track (item 29) and attach end caps (items 31A).
- Crop cover rail (item 27) and clip onto bogies. Attach end caps (item 17), fasten each with screw (item 17B) and plug on screw covers (item 17A).

The specified fastening screws are a recommendation based on our experience.

The responsibility for the appropriate fastening of hardware components lies with the window/ balcony-door fabricator.

The product guidelines of the profile manufacturers regarding construction, assembly, max. sash dimensions, max. sash weights and material qualities (e.g. linear expansion) are to be observed.

Locking, sliding and bearing points to be lubricated with non-resinous and acid-free lubricant.

Hardware overview Standard version

Description:
GU-968/200 Parallel-Slide hardware, Central locking system ALU-JET 06 installed in universal aluminium profiles

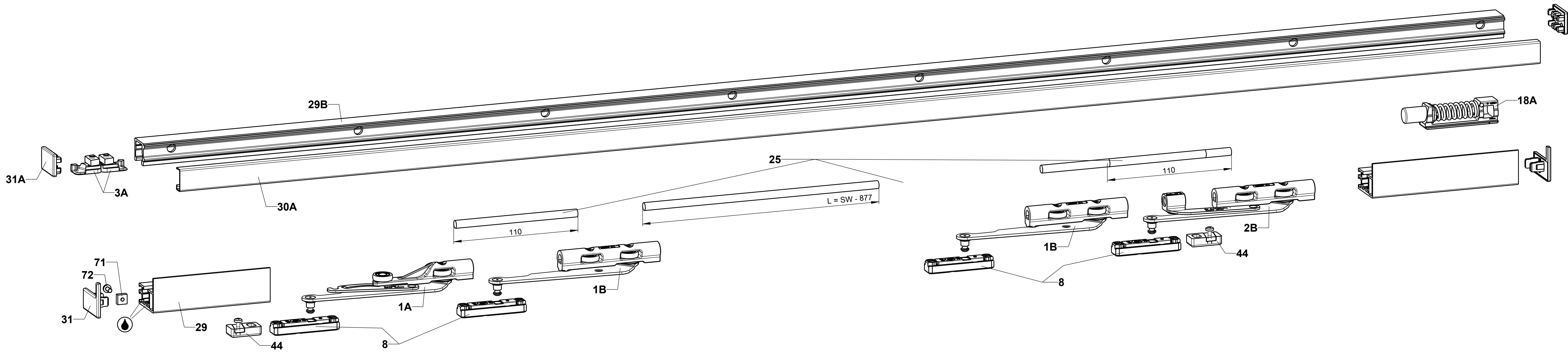
GU	Date	Change No.	Sig	Ver.	Replacement for	Revision	Iteration	Level	Scale	Drawing No.	Size	Sheet
	12.08.2019	G36855	Cu	De	--	6	2	Released	%	0-45960-BT-0-EN	A1	2/7

The documents accompanying the product were issued when the product was manufactured. You should verify at www.gu.com if the technical documents you have at hand are up to date. We have to use the latest edition of our technical documents.

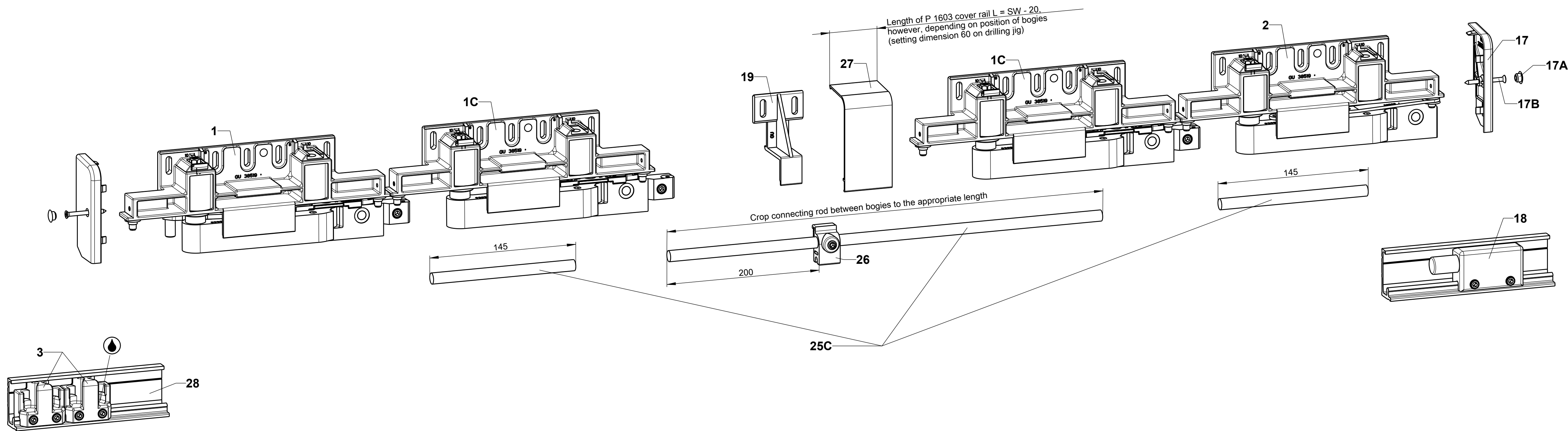
Proprietary rights apply in accordance with ISO 15916.

Version: 1/8
Language: EN, FR

GU
GÜBEL & UHLIR



! Locking system installation refer to sheet 2 !

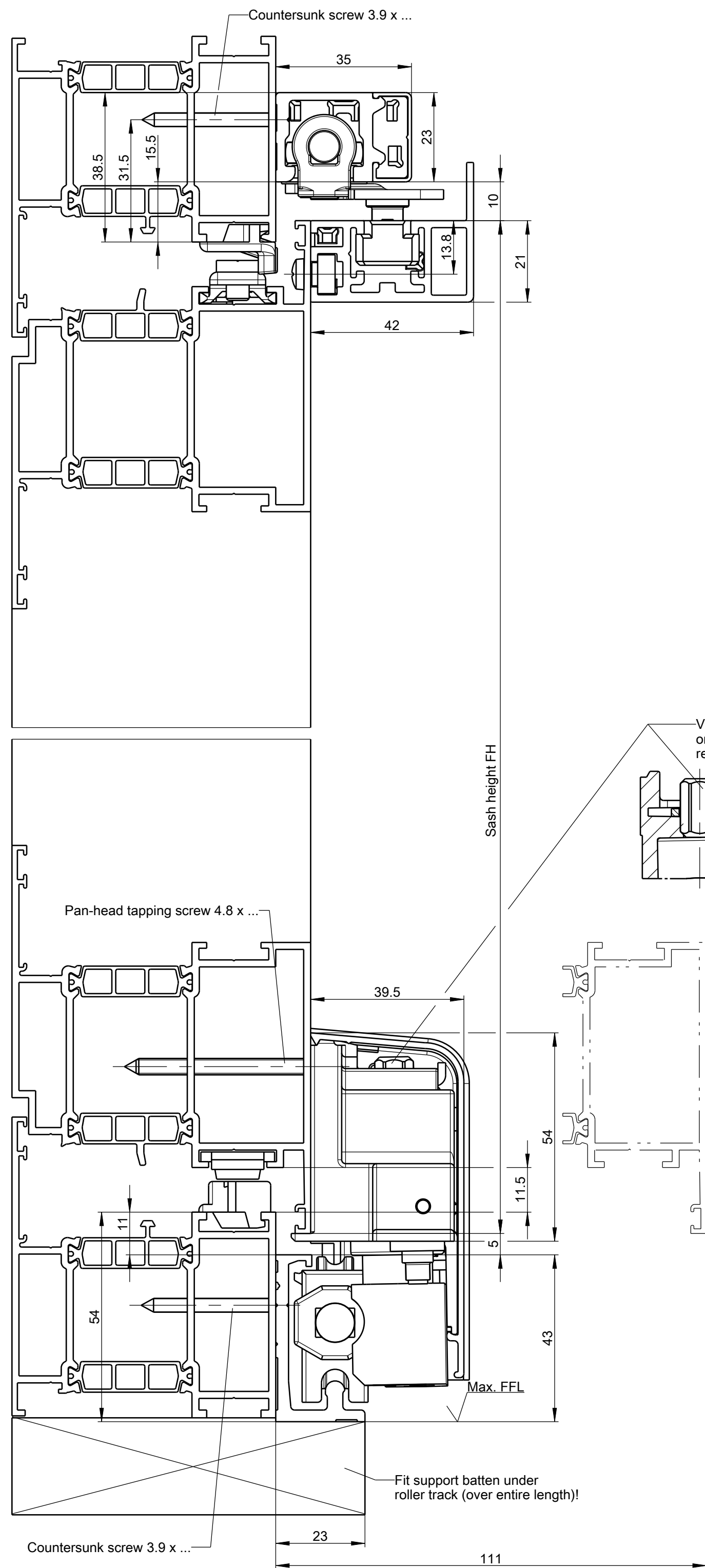
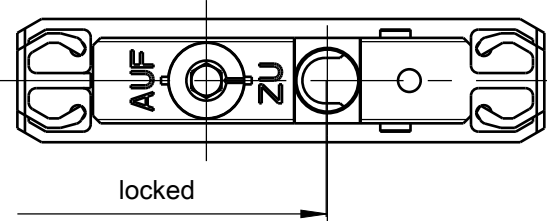
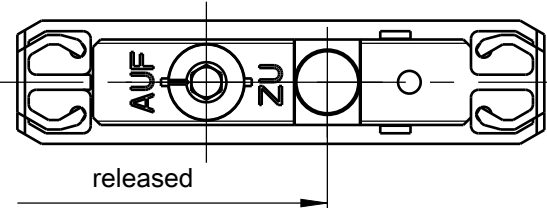


Hardware overview
Tandem version

Description:
GU-968/200 Parallel-Slide hardware, Central locking system ALU-JET 06
installed in universal aluminium profiles

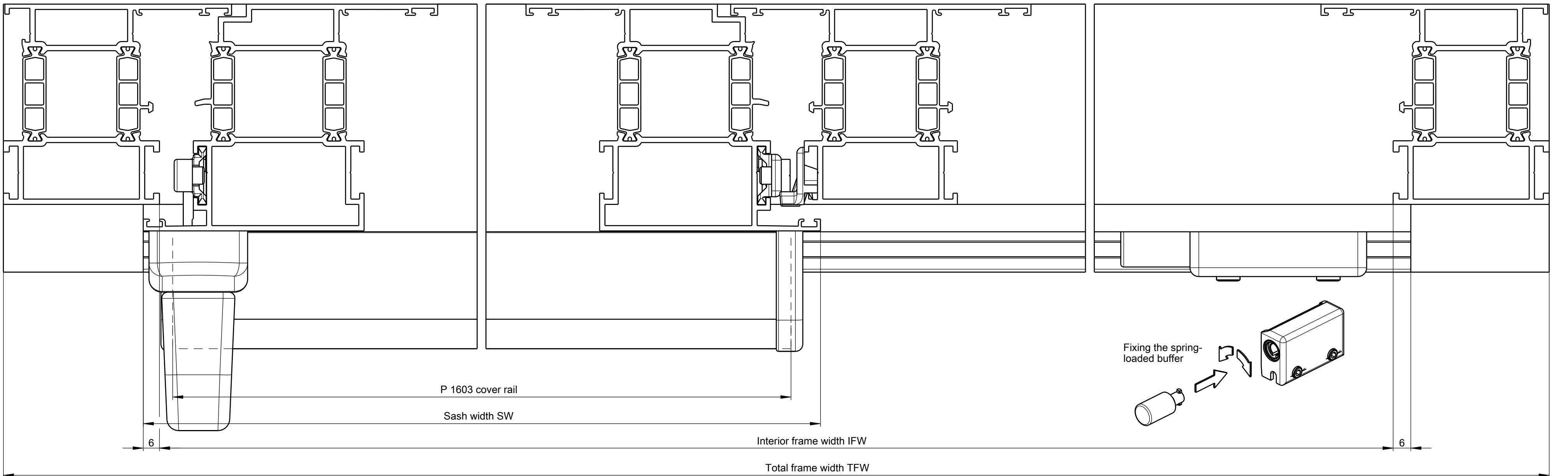
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	12.08.2019	G36855	Cu	De	--	6	2	Released	%	0-45960-BT-0-EN	A1	3/7

Attention
Lock stay arm pin with
Allen key size 4
(refer to installation instructions item 12)

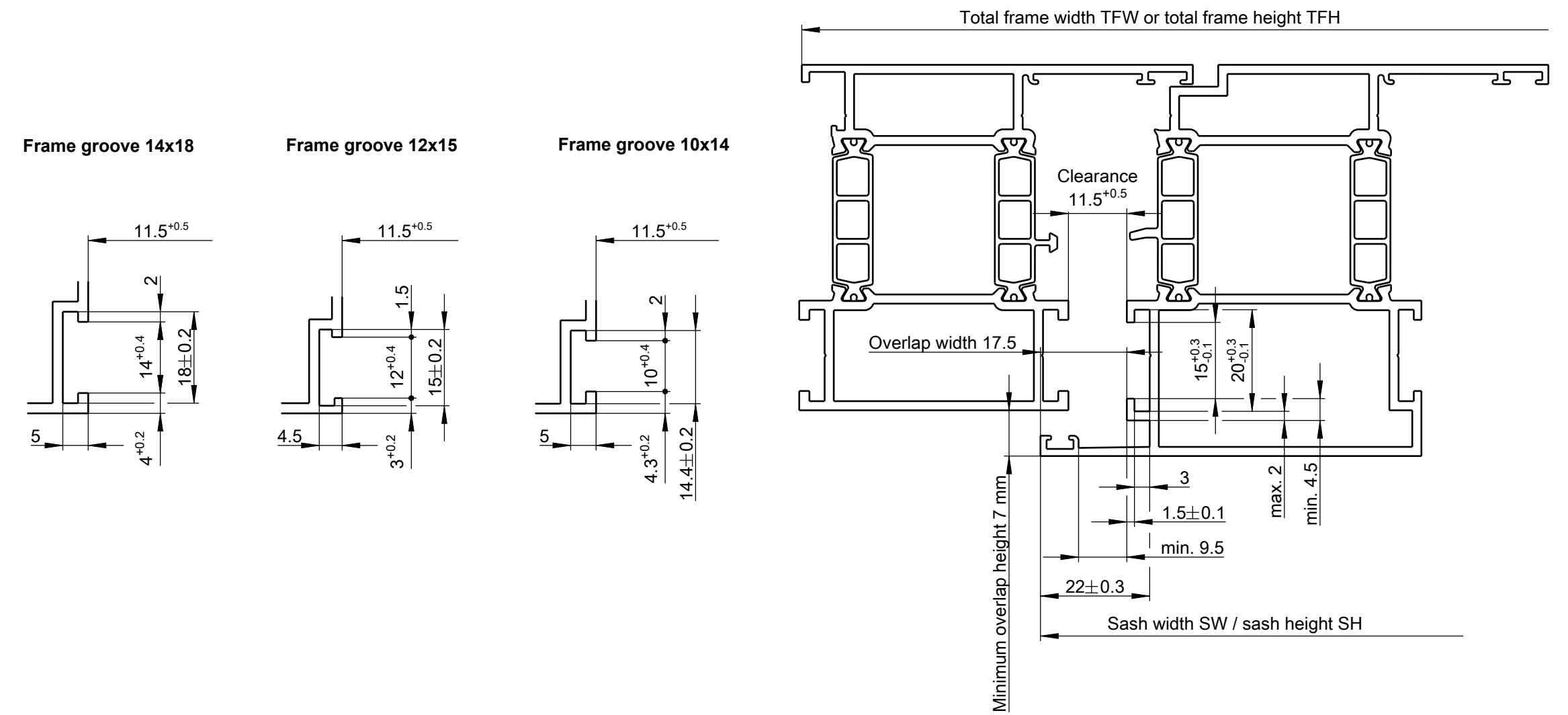


Pattern A

1 sliding sash / 1 fixed glazing

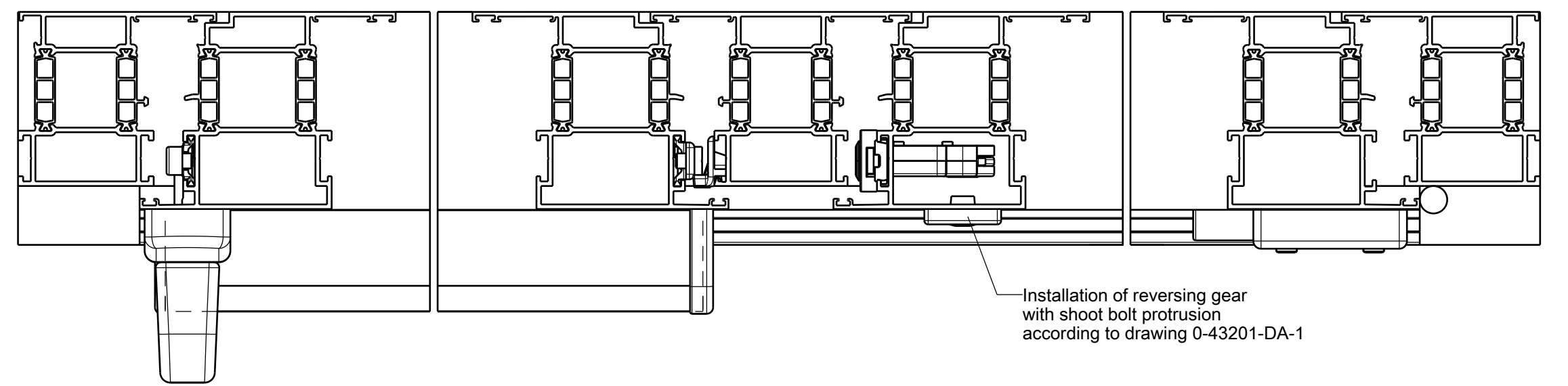


Installation dimensions

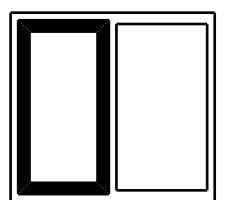


Pattern A

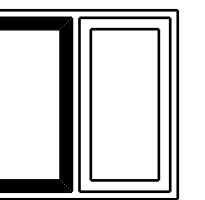
1 sliding sash / 1 Turn-Only sash
with fixed centre mullion



Pattern A / Detailed sections



1 sliding sash / 1 fixed glazing

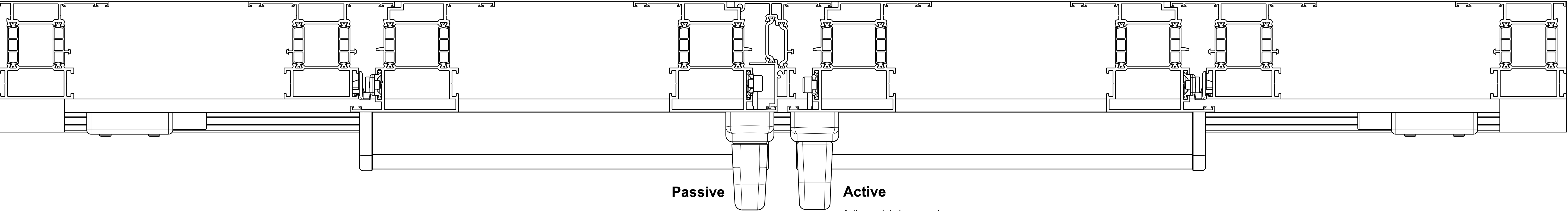


1 sliding sash with
fixed centre mullion

Description:
GU-968/200 Parallel-Slide hardware, Central locking system ALU-JET 06
installed in universal aluminium profiles

Change No.	Date	Sig	Ver.	Replacement for	Revision	Iteration	Level	Scale	Drawing No.	Size	Sheet
G36855	12.08.2019	Cu	De	—	6	2	Released	%	0-45960-BT-0-EN	A1	4/7

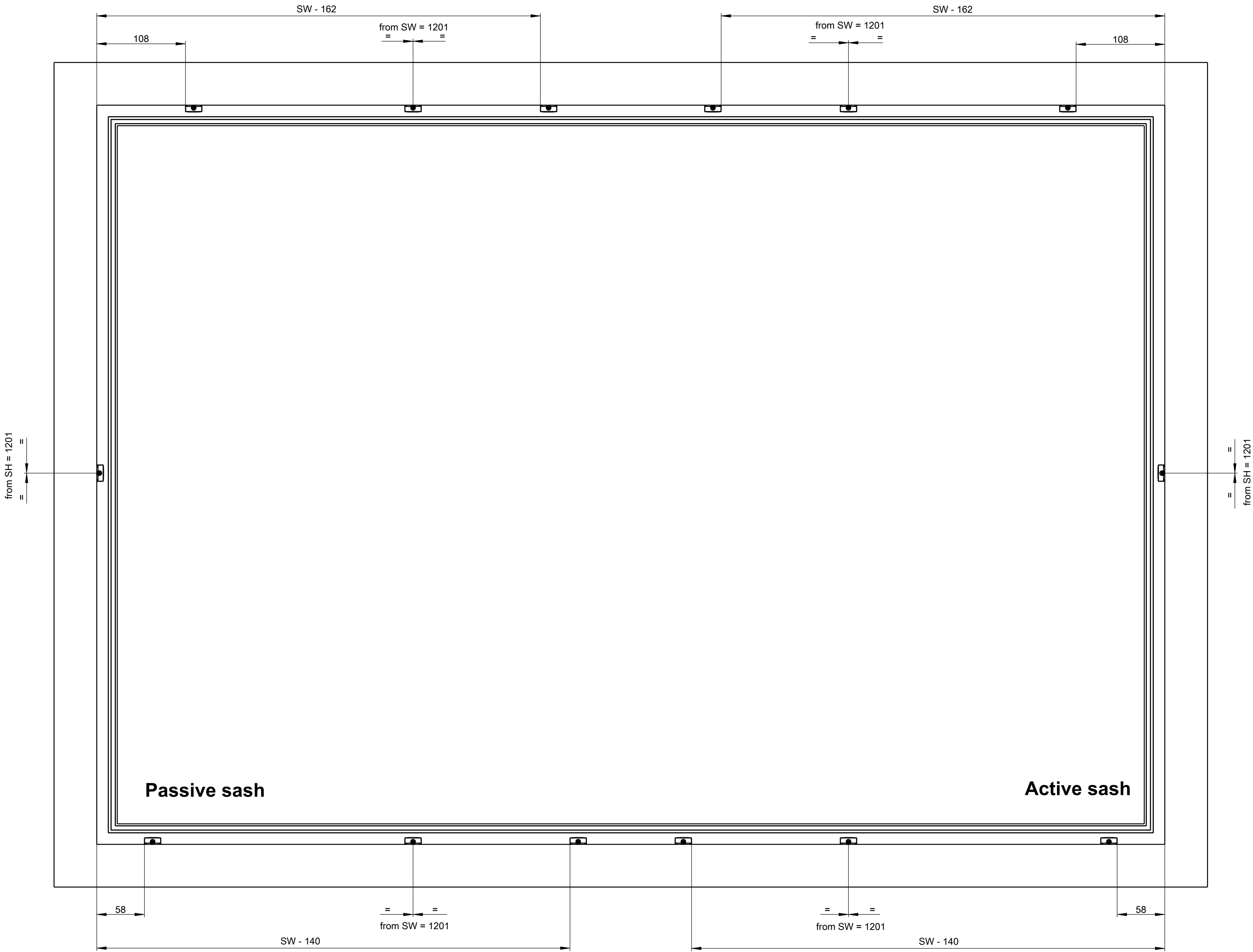
Pattern C
2 sliding sashes / 2 fixed glazings
with dummy mullion



Passive

Active

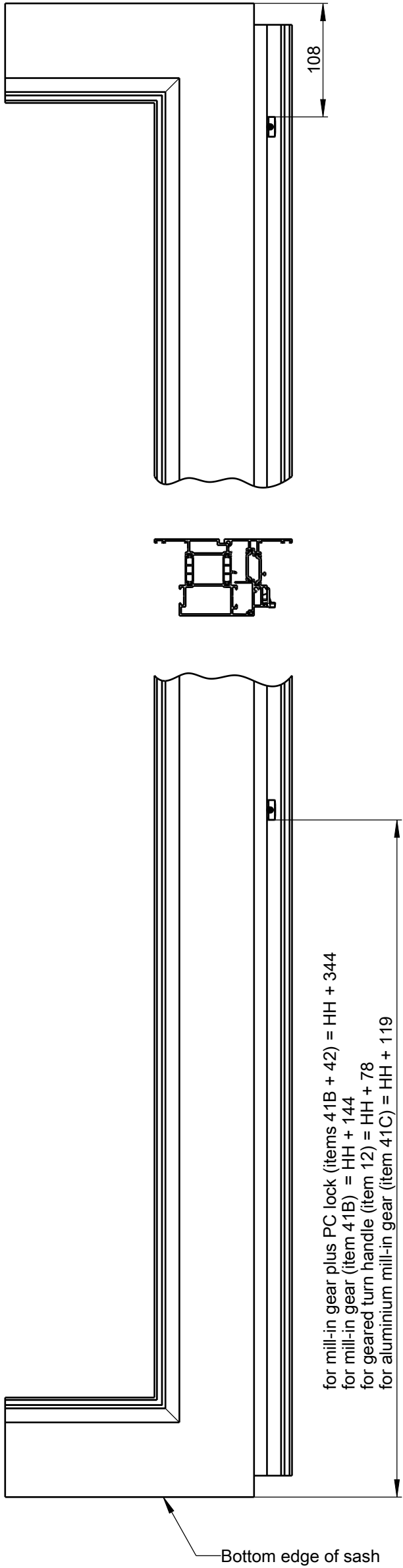
Active sash to be opened
first and lowered last!



Passive sash

Active sash

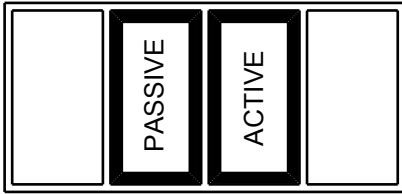
**Passive sash with
dummy mullion**



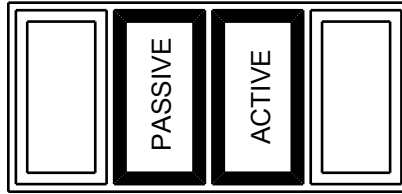
for mill-in gear plus PC lock (item 41B + 42) = HH + 344
for mill-in gear (item 41B) = HH + 44
for standard lock (item 41C) = HH + 12
for aluminium mill-in gear (item 41C) = HH + 119

Bottom edge of sash

Pattern C / Detailed sections



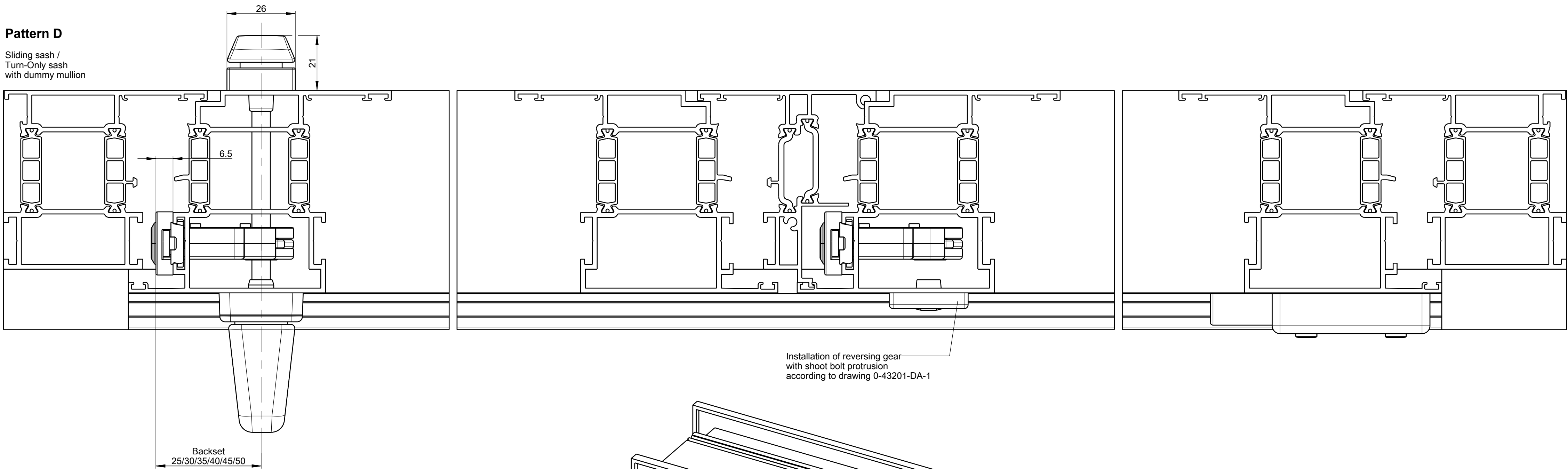
2 sliding sashes / 2 fixed glazings
with dummy mullion



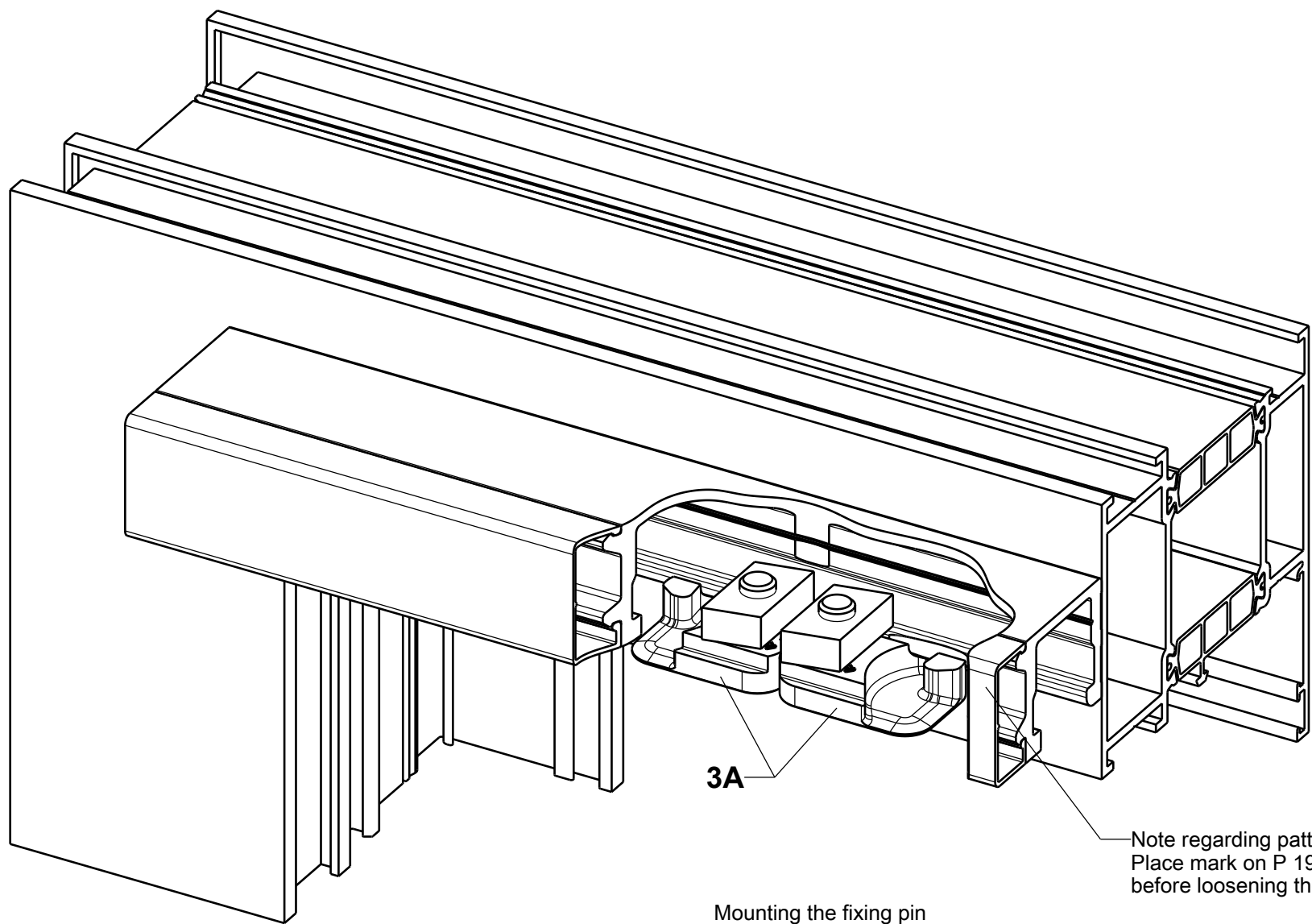
2 sliding sashes / 2 Turn-Only sashes
with dummy mullion

Description:
GU-968/200 Parallel-Slide hardware, Central locking system ALU-JET 06
installed in universal aluminium profiles

Pattern D
Sliding sash /
Turn-Only sash
with dummy mullion



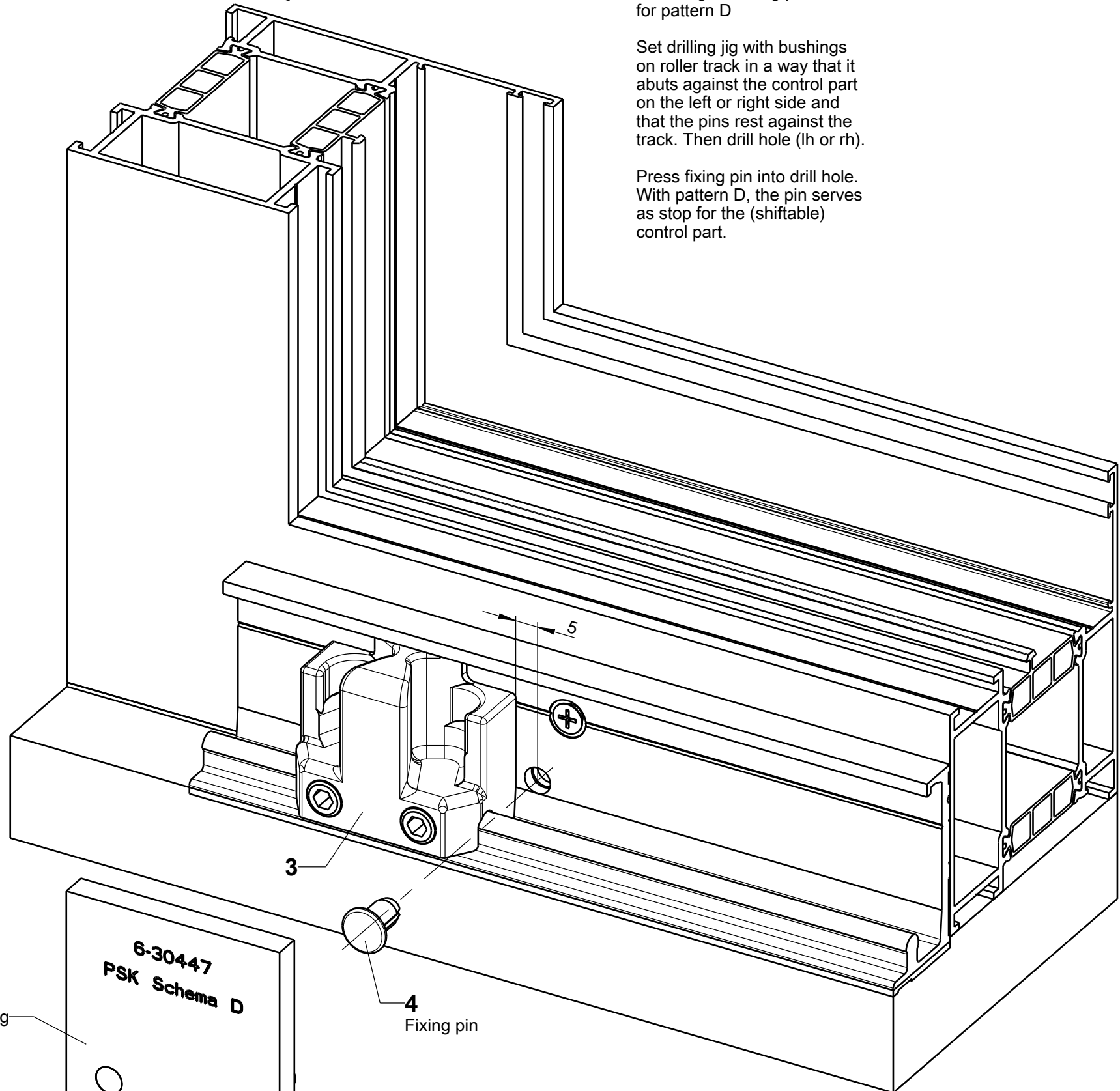
Installation of reversing gear
with shoot bolt protrusion
according to drawing 0-43201-DA-1



Mounting the fixing pin
for pattern D

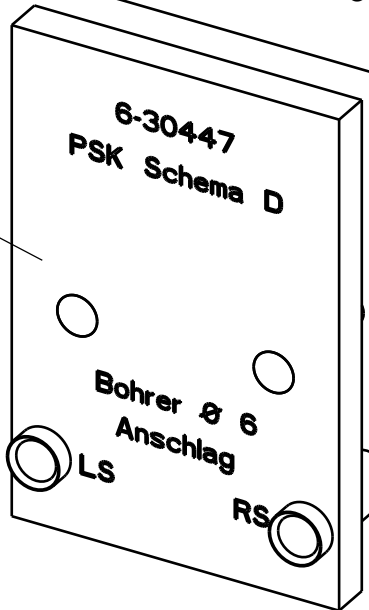
Set drilling jig with bushings
on roller track in a way that it
abuts against the control part
on the left or right side and
that the pins rest against the
track. Then drill hole (lh or rh).

Press fixing pin into drill hole.
With pattern D, the pin serves
as stop for the (shiftable)
control part.



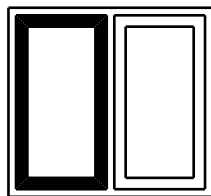
Drilling jig
6-30447
Drill $\varnothing 6$

Fixing pin



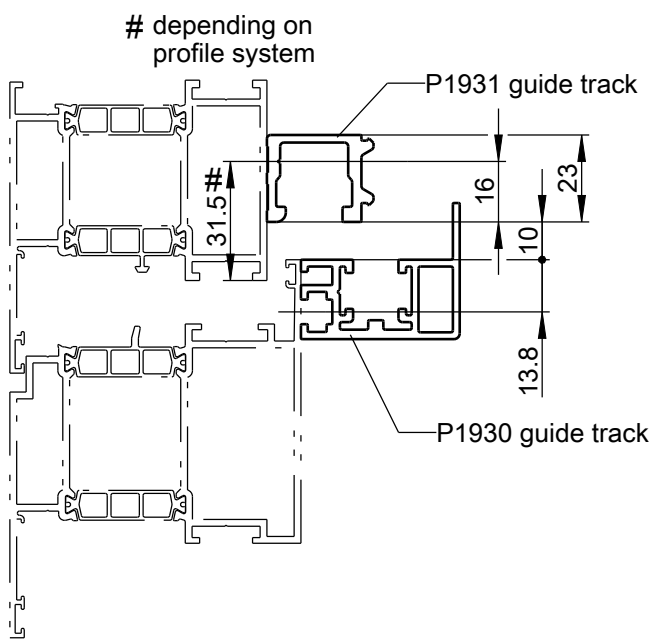
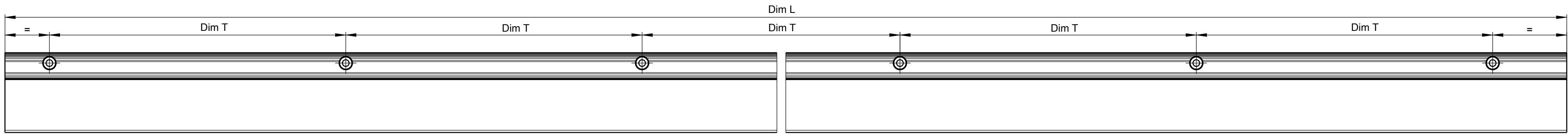
Striker positions refer to sheet 4 (pattern A)

Pattern D

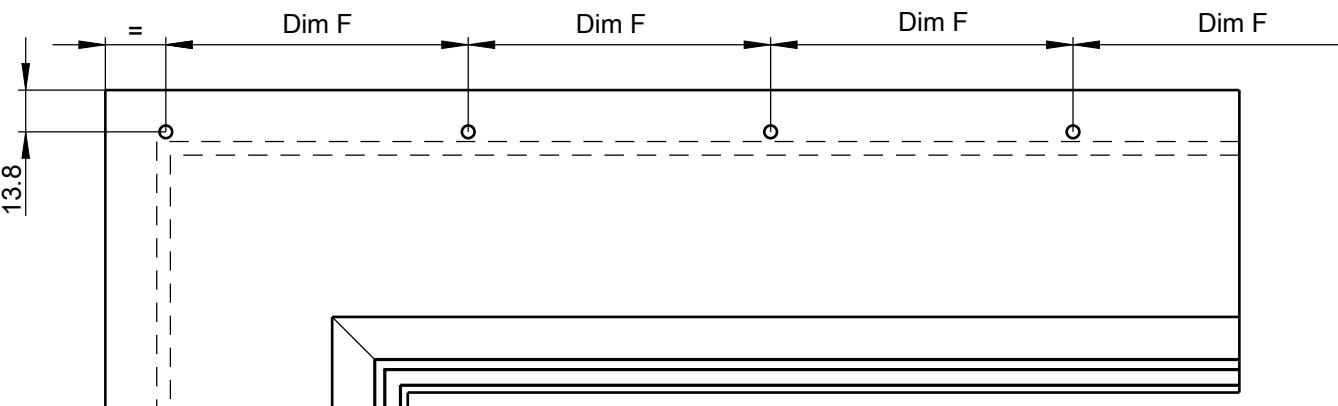
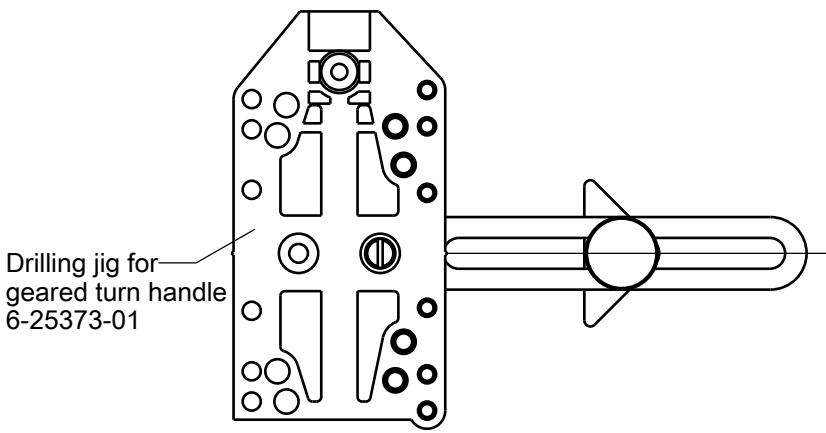
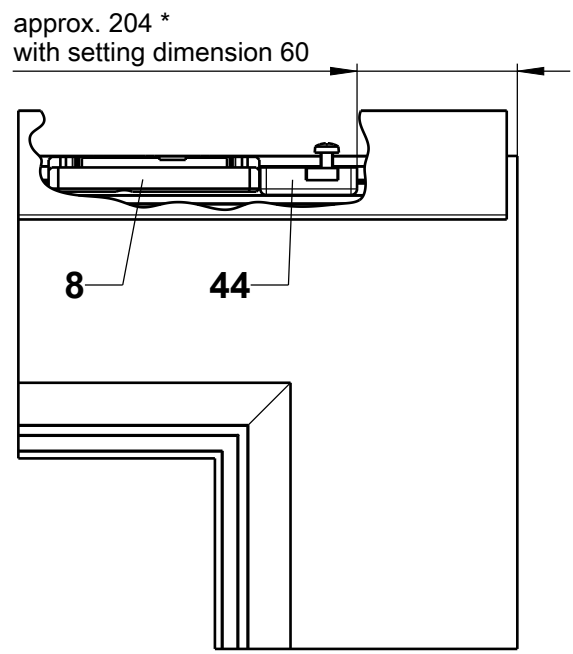
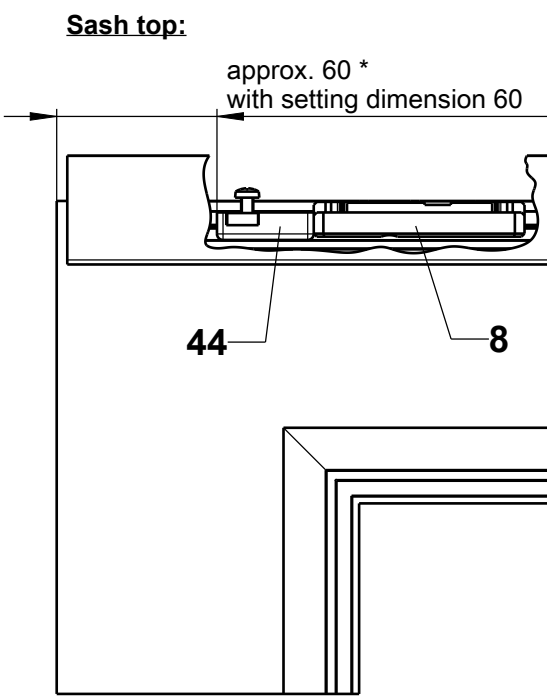
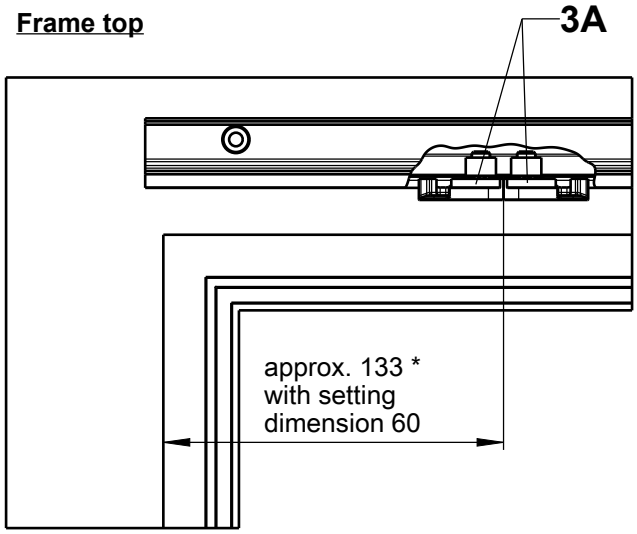


1 Sliding sash / 1 Turn-Only
sash with dummy mullion

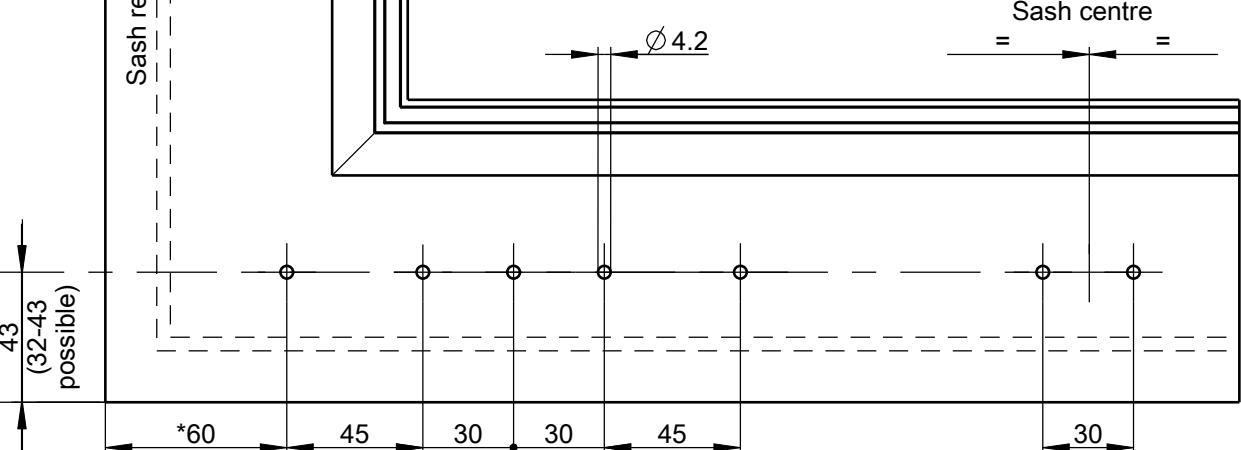
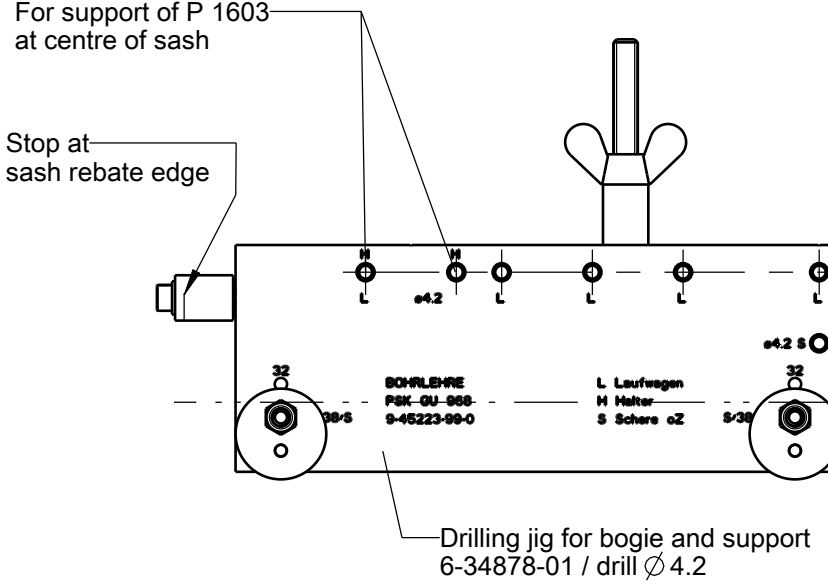
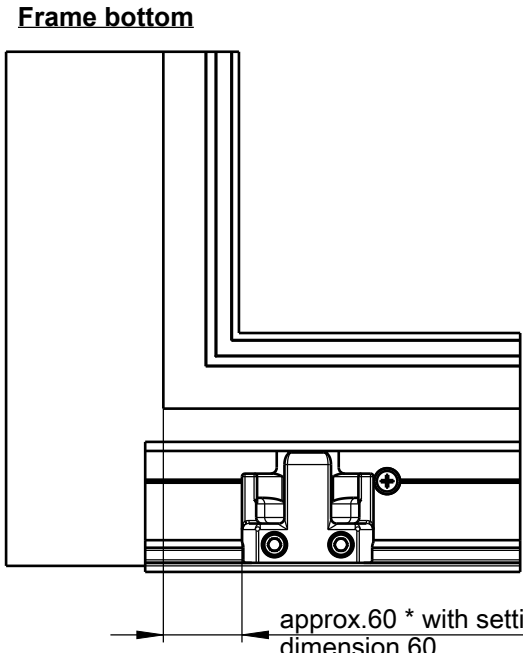
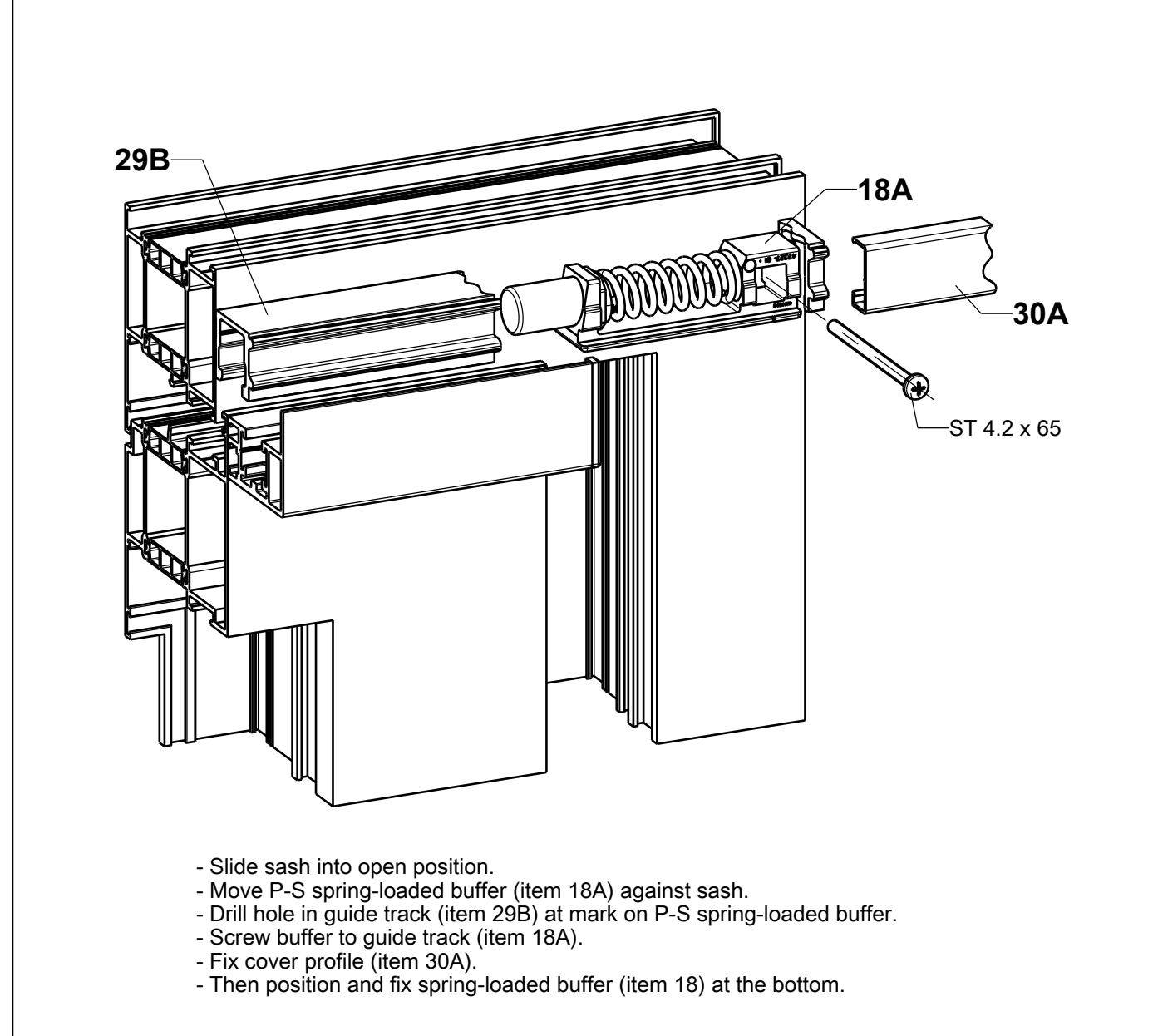
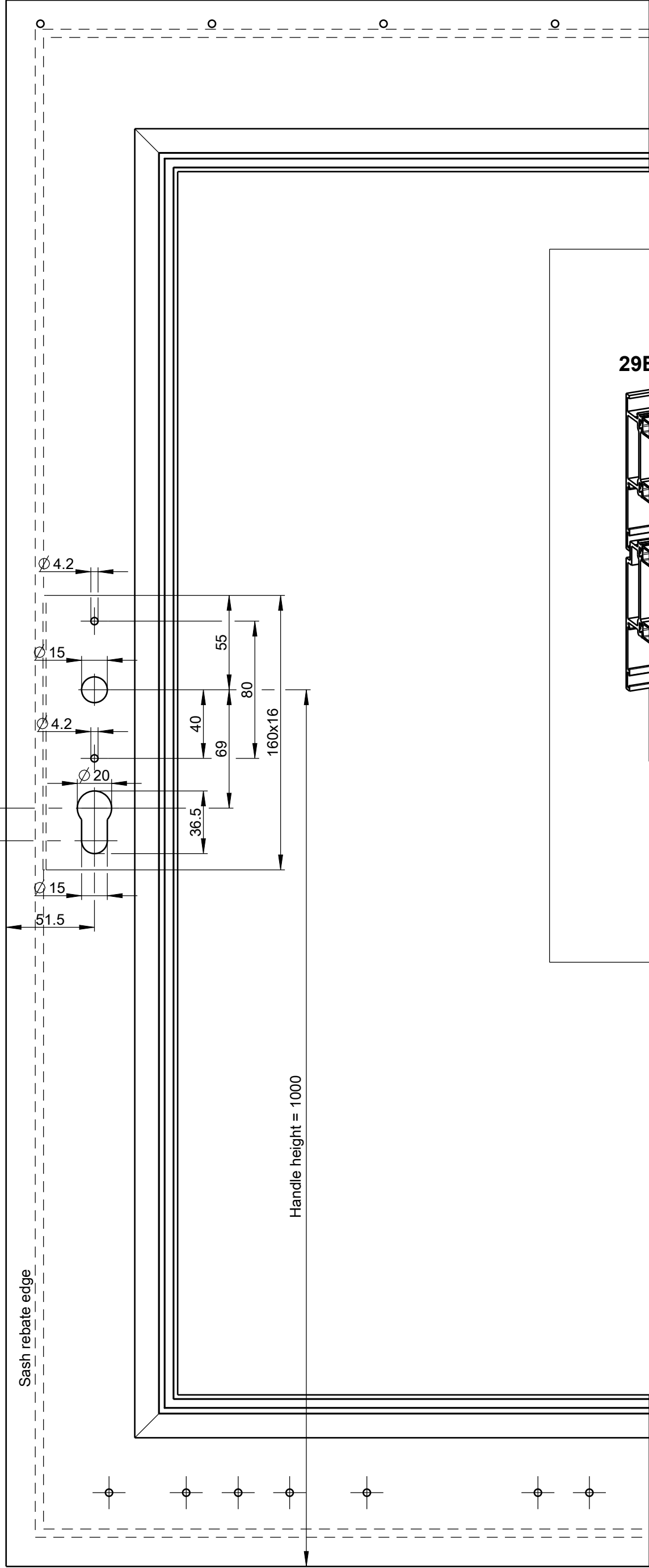
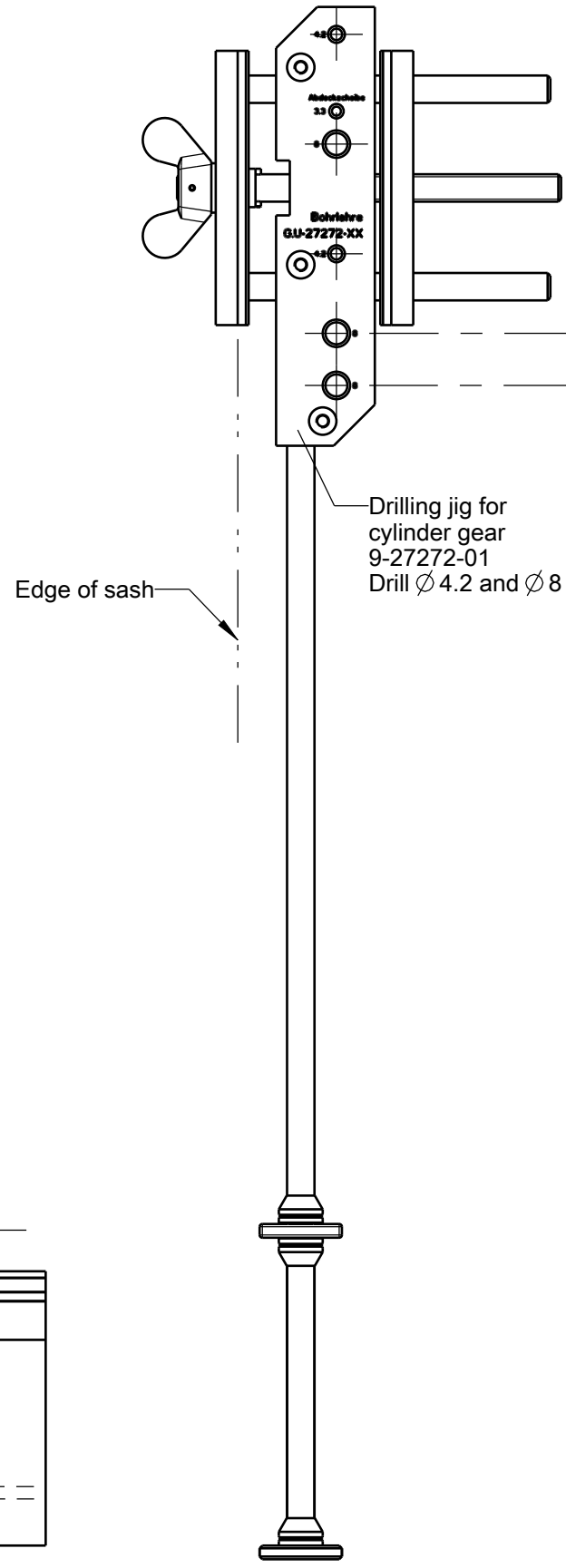
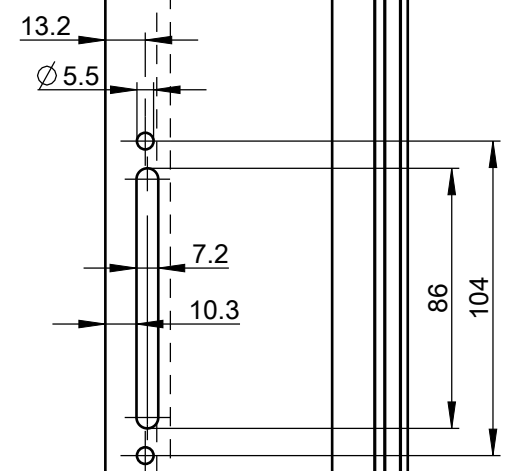
Description:
GU-968/200 Parallel-Slide hardware, Central locking system ALU-JET 06
installed in universal aluminium profiles



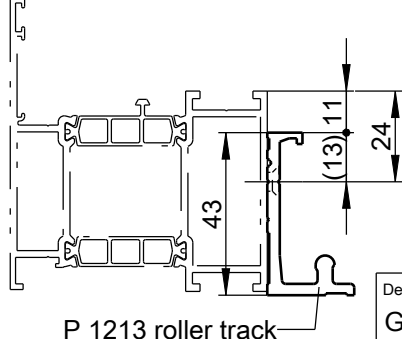
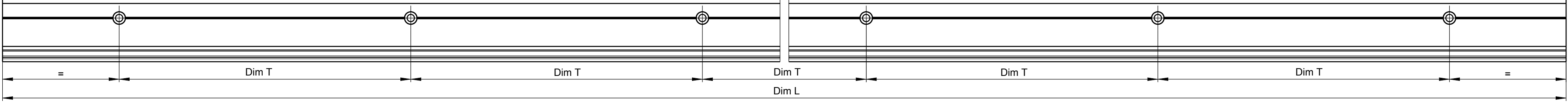
Size	SRW	Dim L	Number of screw holes	Hole distance / Dim. T	Application
20	600-850	1960	10	200	P 1931 guide track P 1213 roller track
25	851-1100	2460	13		
30	1101-1350	2960	15		
35	1351-1600	3460	18		
40	1601-1850	3960	20		
45	1851-2000	4260	22		



Dim F	SW	Formula
600-1600	SW - 40	5
1601-2000	SW - 40	9



* Setting dimension 57-60 possible
Displace control part accordingly.



Description:
GU-968/200 Parallel-Slide hardware, Central locking system ALU-JET 06
installed in universal aluminium profiles

Drilling and milling jigs