

	Item	Description				Order no.	Qty./pattern						
							A	C	D	F			
	1	Front bogie				6-30015-01	1	2	2	4			
	1C	Spacer for front bogie				9-47295-06	1	2	2	4			
	2	Rear bogie				6-30017-01	1	2	2	4			
	3	Connecting rod	SW	Length		9-25476-11	1	2	2	4			
			720-1600	1100		9-25476-14							
			1601-1850	1350		9-25476-18							
			1851-2350	1850		9-25476-18							
			2351-3300	3300		9-25476-33							
	4	Lift&Slide gear BS 27,5	SH	Length	Handle height	Distance between frame cams	A	B	6-30019-11	1	2	2	4
			852-1272	1190	407	450	—	—	6-30019-19				
			1222-1852	1770	407	820	—	—	6-30019-24				
			1852-2352	2270	1007	1450	980	980	6-30019-28				
			2102-2752	2670	1007	1700	980	980					
		Lift&Slide gear BS 37,5	SH	Length	Handle height	Distance between frame cams	A	B	6-30021-11	1	-	-	-
		GU HS-Master							6-30021-19				
			852-1272	1190	407	450	—	—	6-30021-24				
			1222-1852	1770	407	820	—	—	6-30021-28				
			1852-2352	2270	1007	1450	980	980					
			2102-2752	2670	1007	1700	980	980					

Assessories									
Item	Description				Order no.	Qty./pattern			
						A	C	D	F
20A	RONDO Niro - flush pull				9-46686-00	1	2	2	4
20B	Gasket plate for exterior flush pull				9-47211-01	1	2	2	4
22	Tension spring for facilitated handle operation (from 200kg sash weight)				9-40235-05	1	2	2	4
22A	L&S handle damper set (from 100 kg sash weight)				K-19053-00	1	2	2	4
41	DIRIGENT internal handle without PC hole				6-24609-00	1	2	2	4
42	DIRIGENTinternal/external handle set with PC hole				6-24615-96	1	2	2	4
42B	Gasket plate for exterior handle				9-47210-01	1	2	2	4
43	DIRIGENT service handle				K-13676	-	-	1	2
44	Cover rosette, inside	Optionally with item 43			6-23243-01	1	2	2	4
44A	Cover disc				K-17481-00	1	2	2	4
52	L&S gear extension	length = 500	SH 2765-3265		6-32030-00	1	2	2	4
53	Bottom keeper set				K-12057-00	1	2	2	4
162	Accessories set				K-13392	-	1	-	1

Sash configuration pattern:

Pattern A
Sheet 2



Pattern C
Sheet 3



Pattern D
Sheet 4



Pattern F
Sheet 4



Anti-jemmy device
Sheet 5



GU HS Master
Sheet 6



GU Speed Limiter
Sheet 6

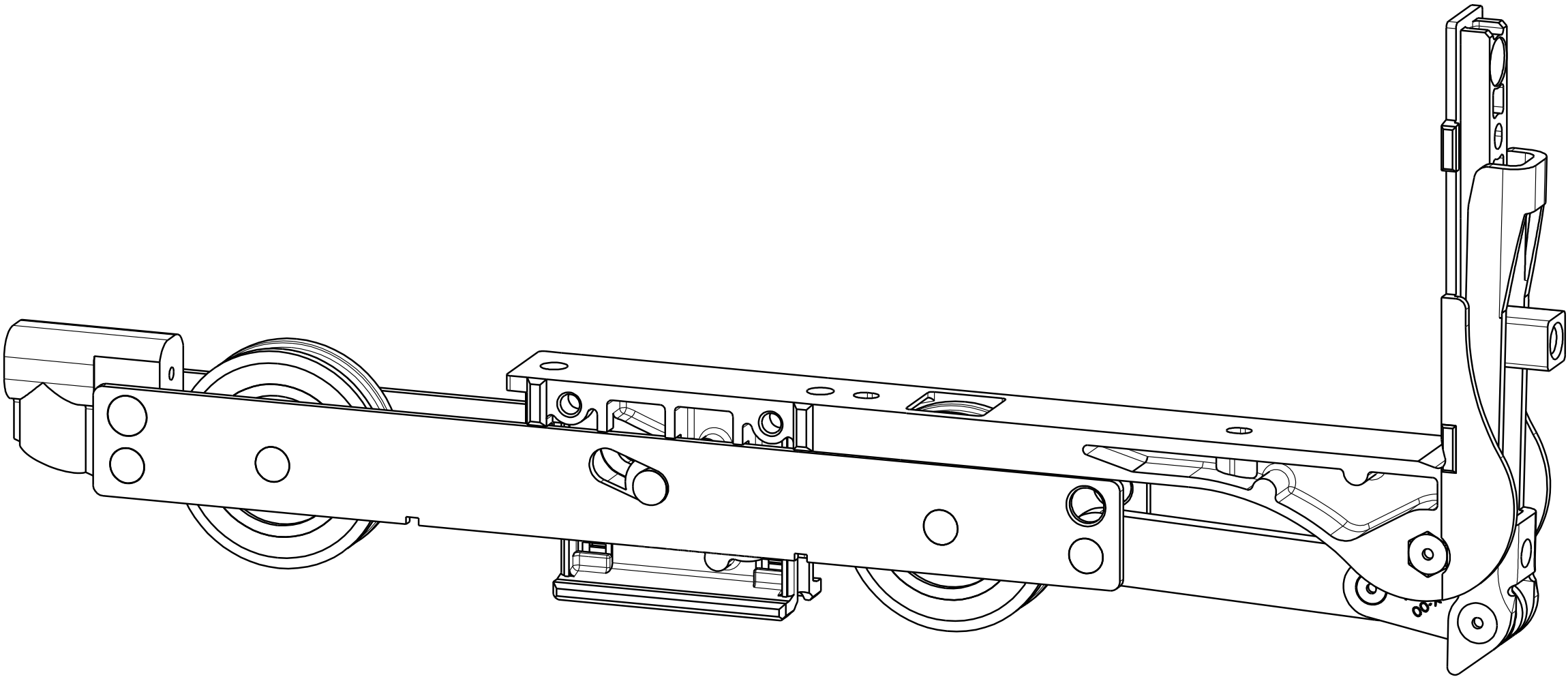
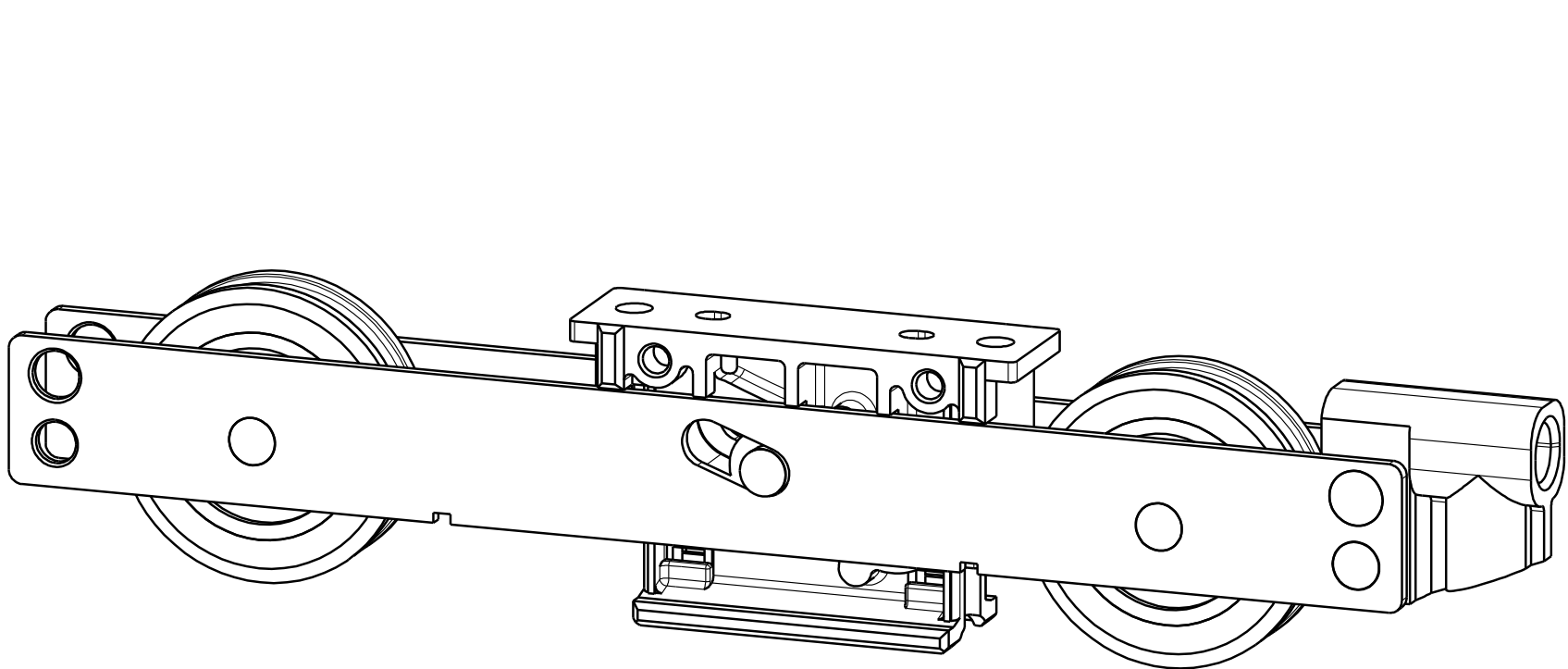


HS SilentClose
Sheet 7



Optional parts
Sheet 8

Gear drawn in actual size (1:1)
Sheet 9 (not printed)



Specify when ordering:

Sash arrangement pattern A, C, D or F
Individual sash width SW
Sash height SH
Window or balcony-door
Handle height
Type of handle
Colour

In the case of narrow sashes,
the width-to-height ratio must
not exceed 1:2.5

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

Hardware installation:

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.

max. sash weight
300 kg

with tandem bogies
max. sash weight
400 kg

2x basic set pattern A
max. sash weight
600 kg

Description

Lift&Slide window and balcony-door with GU-934
Ponzio Series SL 1600 profiles

–



Release No.

–

Mod. No.
G34346

Level

Ver.

Draft

Released

–

Ja

Scale

1:1

Modification

3

Drawing No.

0-46501-FJ-0-EN

Size

1

Sheet

1/9

EN

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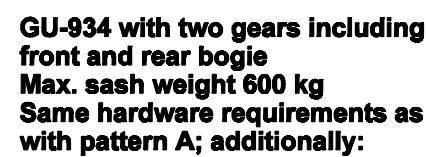
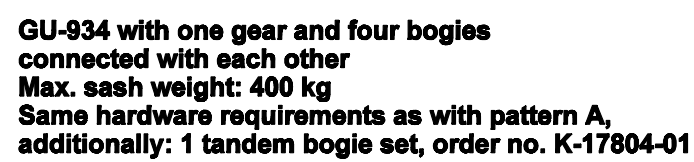
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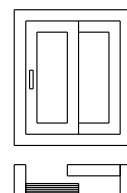
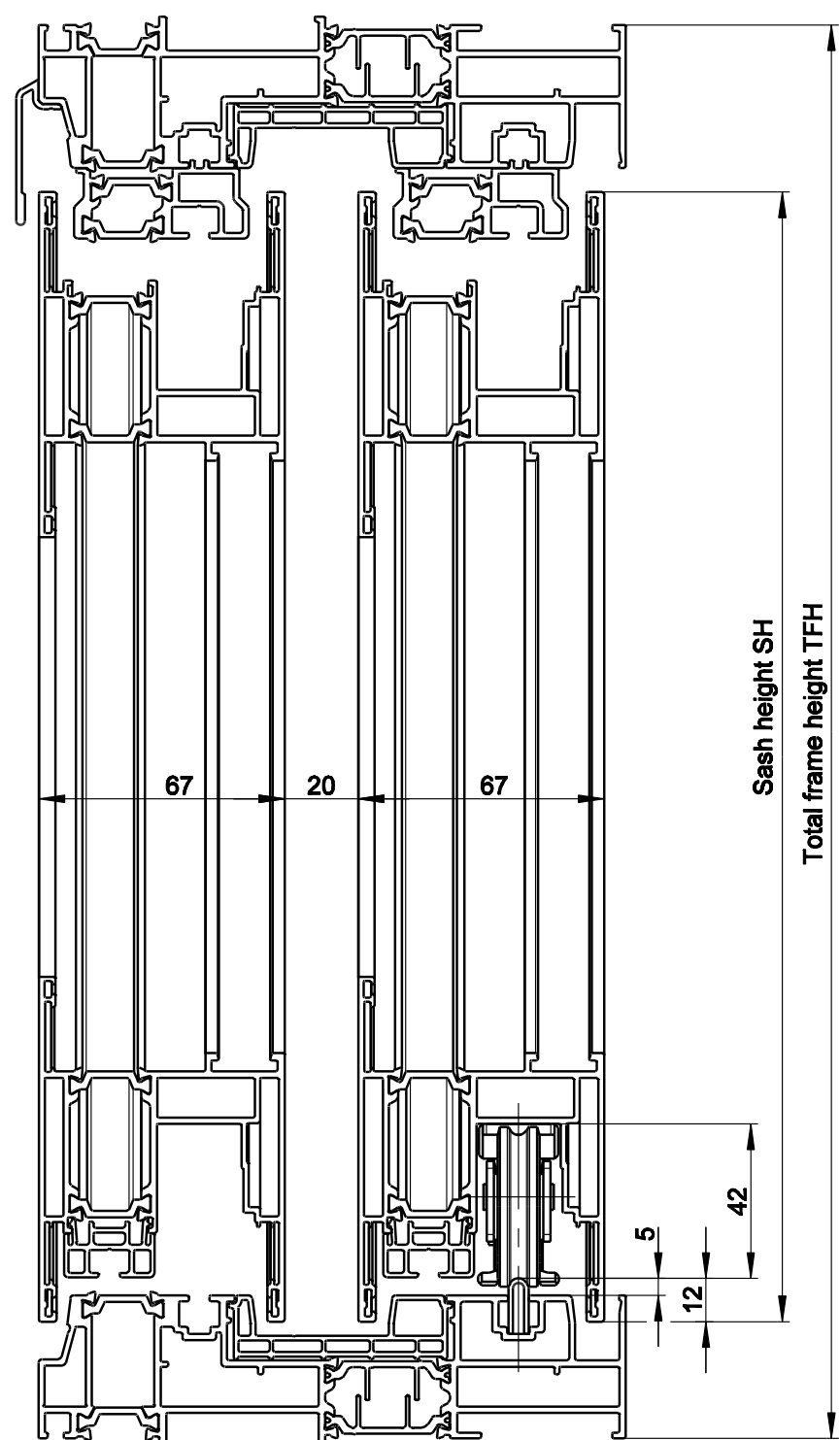
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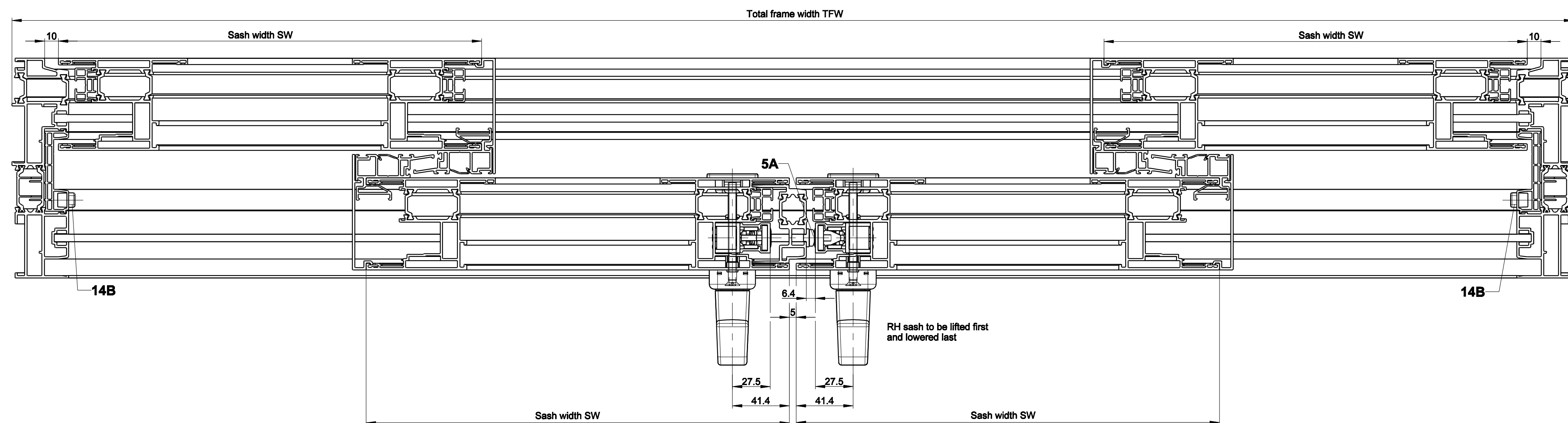
Bogie and Lift&Slide gear must be mounted in 'closed' position



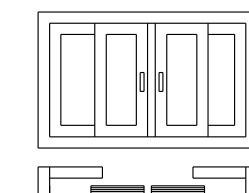
Description	Lift&Slide window and balcony-door with GU-934 Ponzio Series SL 1600 profiles
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Release No. -	Level	Released		Scale 1:1	Modification 3	Size 1
Mod. No. G34346	Ver.	-	-		Drawing No. 0-46501-FJ-0-EN	Sheet 2/9
	Draft	01.09.2017	Ja			
Replacement for -						

Das dem Produkt beiliegenden technischen Unterlagen antworten den Stand zum Zeitpunkt der Herstellung des Produkts. Unsere Produkte werden ständig weiterentwickelt. Überprüfen Sie deshalb auf www.yu.com, ob die Ihnen vorliegenden technischen Unterlagen auf den neuesten Stand sind. Verwenden Sie ausschließlich die aktuellsten technischen Unterlagen.

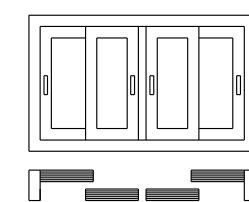
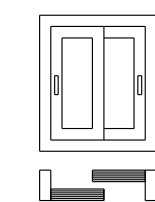
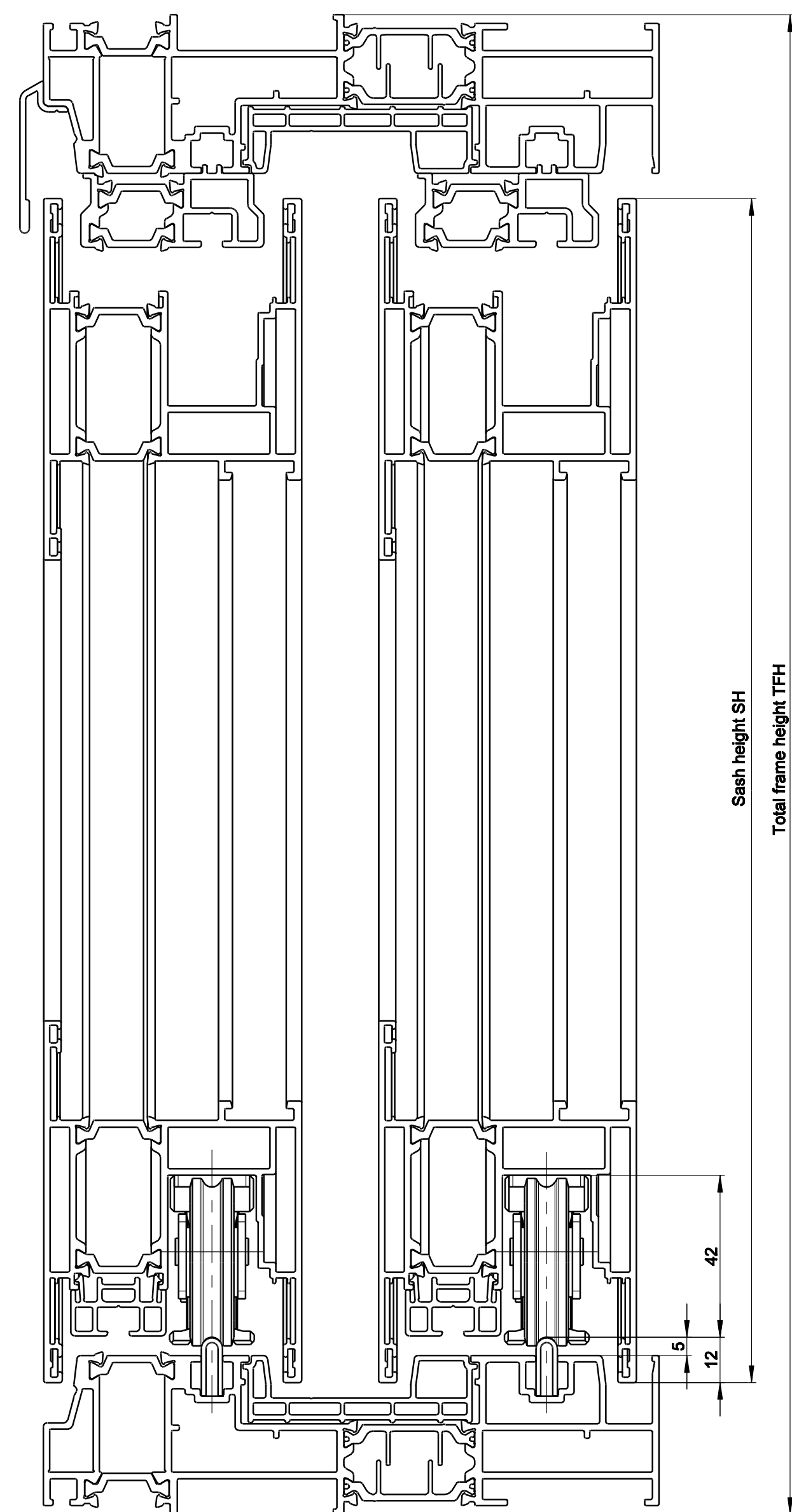
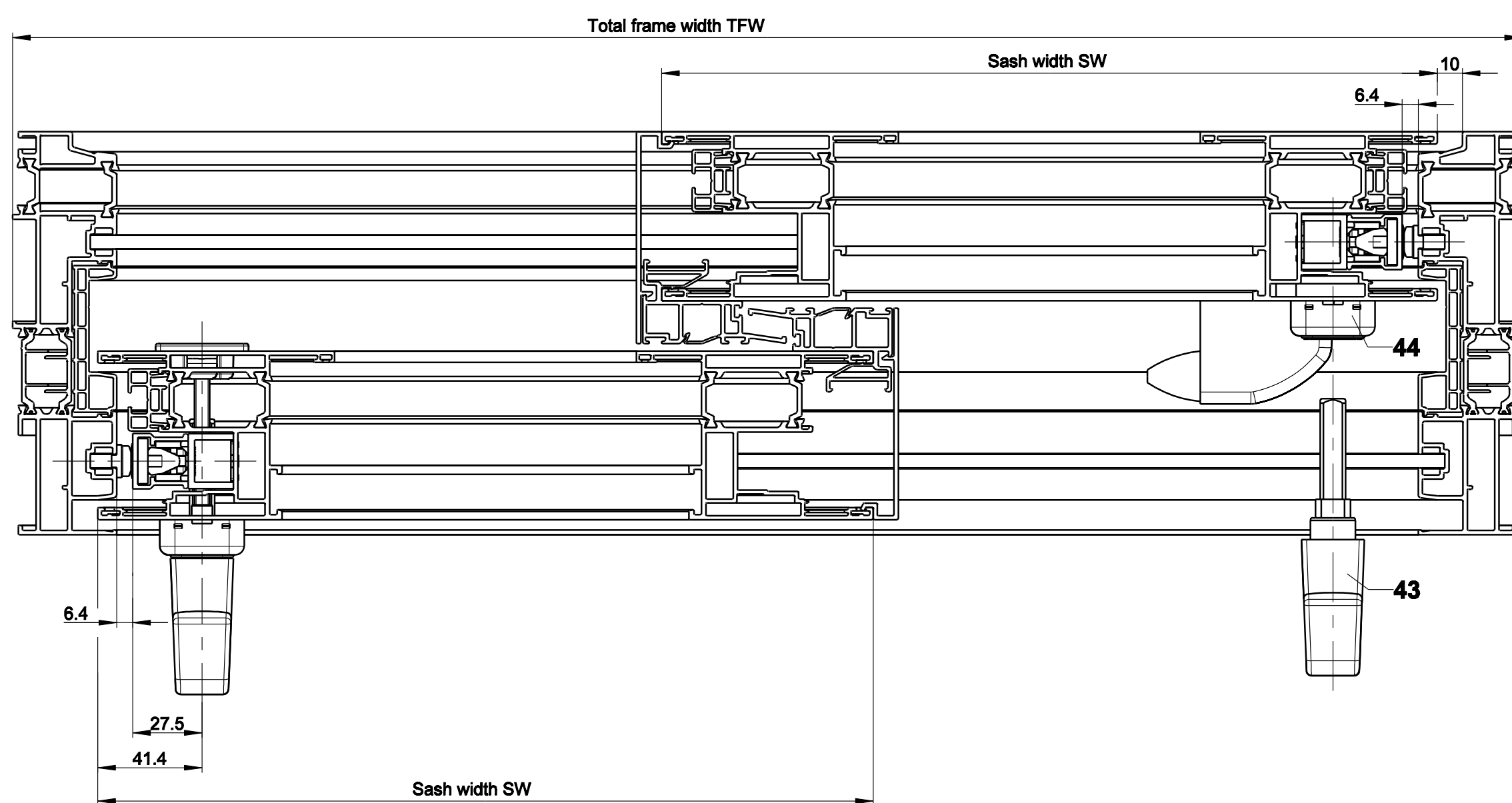
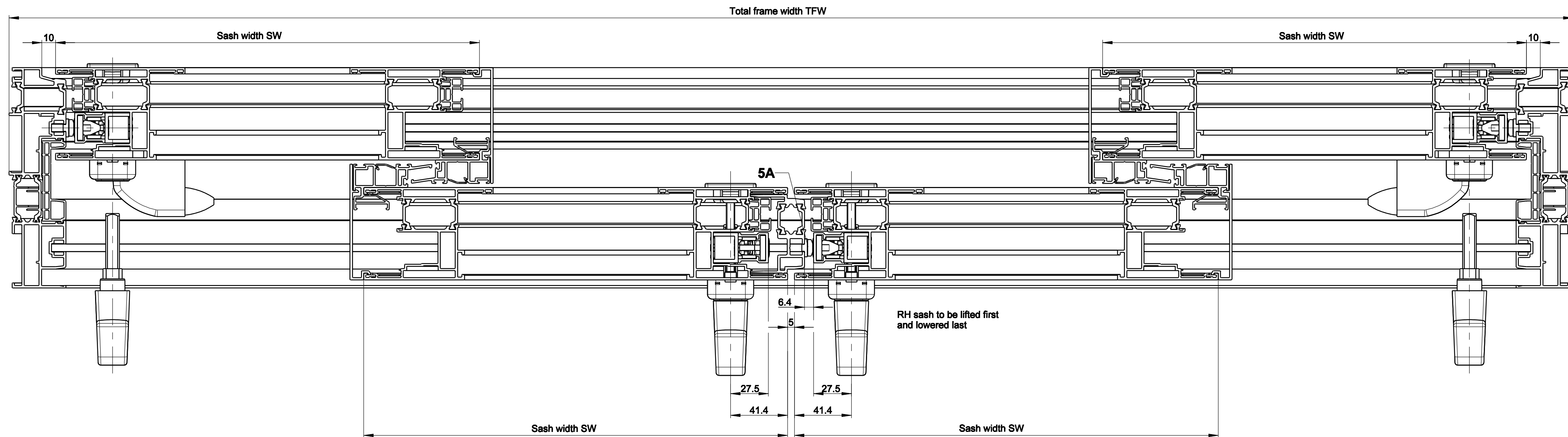


Pattern C



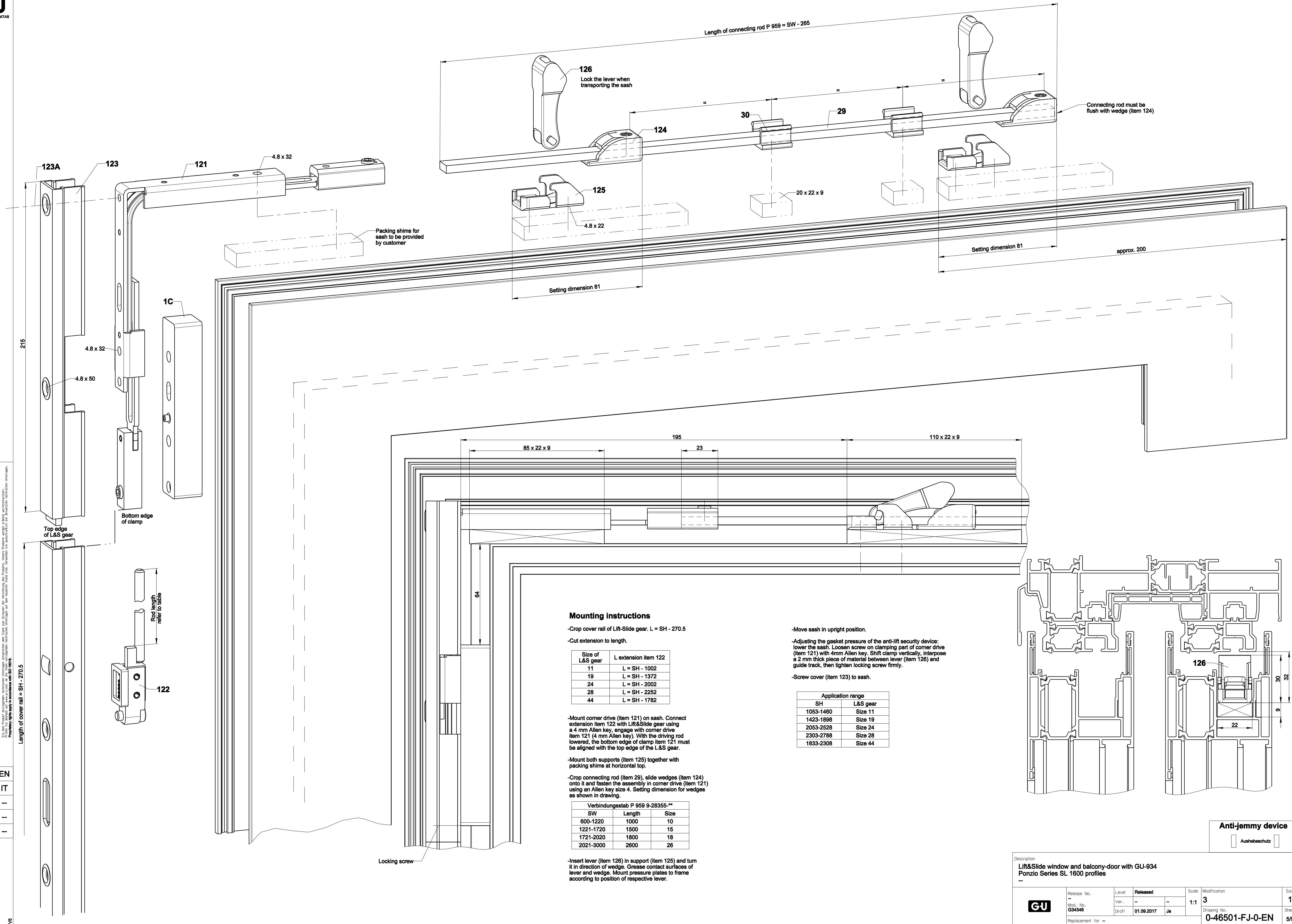
Description
**Lift&Slide window and balcony-door with GU-934
Ponzio Series SL 1600 profiles**

	Release No. —	Level	Released		Scale 1:1	Modification	Size
	Mod. No. G34346	Ver.	—	—		3	1
	Replacement for —	Draft	01.09.2017	Ja		Drawing No. 0-46501-FJ-0-EN	Sheet 3/9



Description
**Lift&Slide window and balcony-door with GU-934
Ponzio Series SL 1600 profiles**

	Release No. —	Level	Released		Scale 1:1	Modification	Size
	Mod. No. G34346	Ver.	—	—		Drawing No. 0-46501-FJ-0-EN	Sheet 4/9
		Draft	01.09.2017	Ja			
	Replacement for —						



Mounting instructions

- Crop cover rail of Lift-Slide gear. L = SH - 270.5
- Cut extension to length.

Size of L&S gear	L extension item 122
11	L = SH - 1002
19	L = SH - 1372
24	L = SH - 2002
28	L = SH - 2252
44	L = SH - 1782

- Mount corner drive (item 121) on sash. Connect extension item 122 with Lift&Slide gear using a 4 mm Allen key, engage with corner drive item 121 (4 mm Allen key). With the driving rod lowered, the bottom edge of clamp item 121 must be aligned with the top edge of the L&S gear.

- Mount both supports (item 125) together with packing shims at horizontal top.**

- Crop connecting rod (item 29), slide wedges (item 124) onto it and fasten the assembly in corner drive (item 121) using an Allen key size 4. Setting dimension for wedges as shown in drawing.

Verbindungsstab P 959 9-28355-**		
SW	Length	Size
600-1220	1000	10
1221-1720	1500	15
1721-2020	1800	18
2021-3000	2600	26

- Insert lever (item 126) in support (item 125) and turn it in direction of wedge. Grease contact surfaces of lever and wedge. Mount pressure plates to frame according to position of respective lever.

- Move sash in upright position.
- Adjusting the gasket pressure of the anti-lift security device:
lower the sash. Loosen screw on clamping part of corner drive (item 121) with 4mm Allen key. Shift clamp vertically, interpose a 2 mm thick piece of material between lever (item 126) and guide track, then tighten locking screw firmly.
- Screw cover (item 123) to sash.

Application range	
SH	L&S gear
1053-1460	Size 11
1423-1898	Size 19
2053-2528	Size 24
2303-2788	Size 28
1833-2308	Size 44

Anti-jemmy device



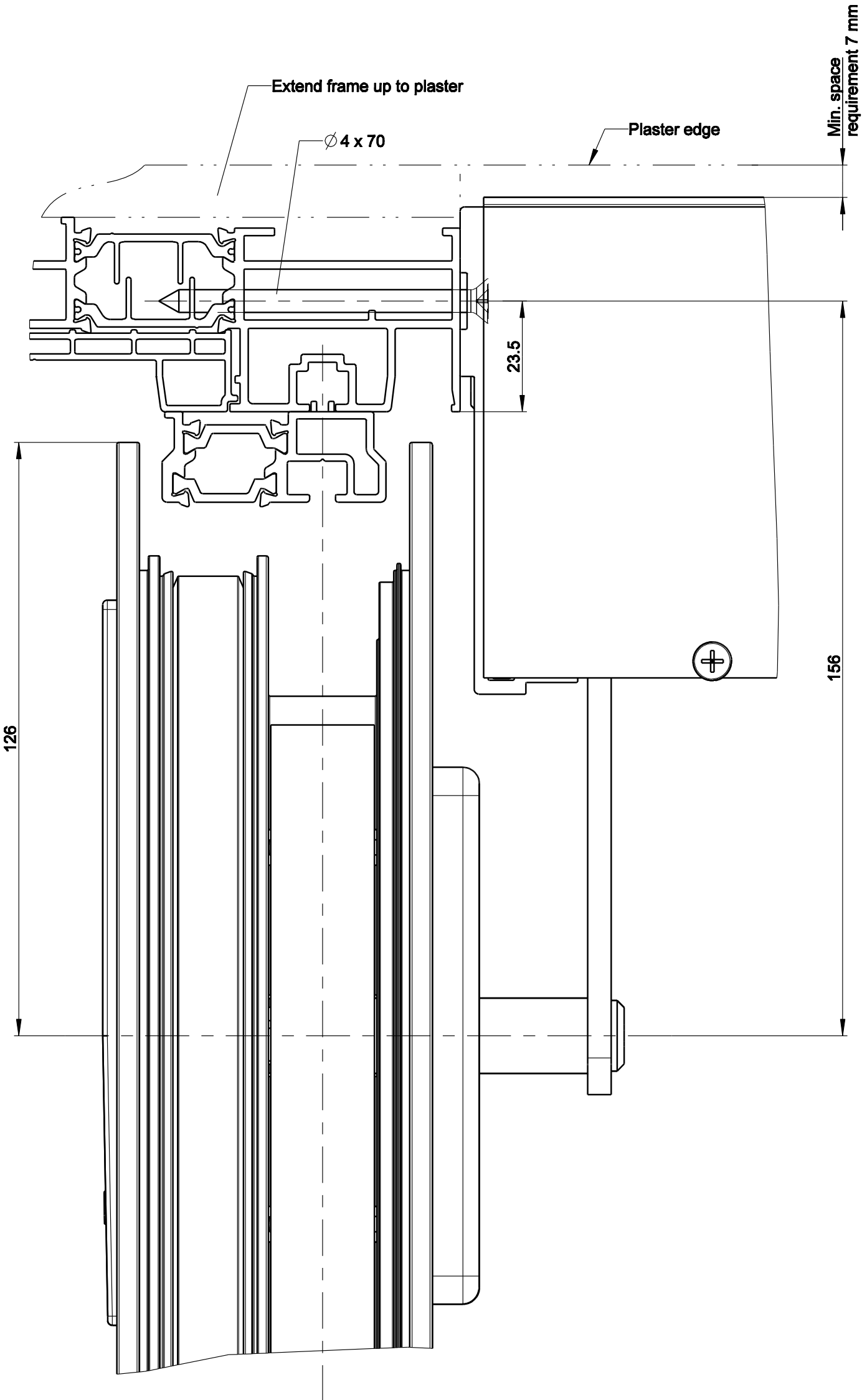
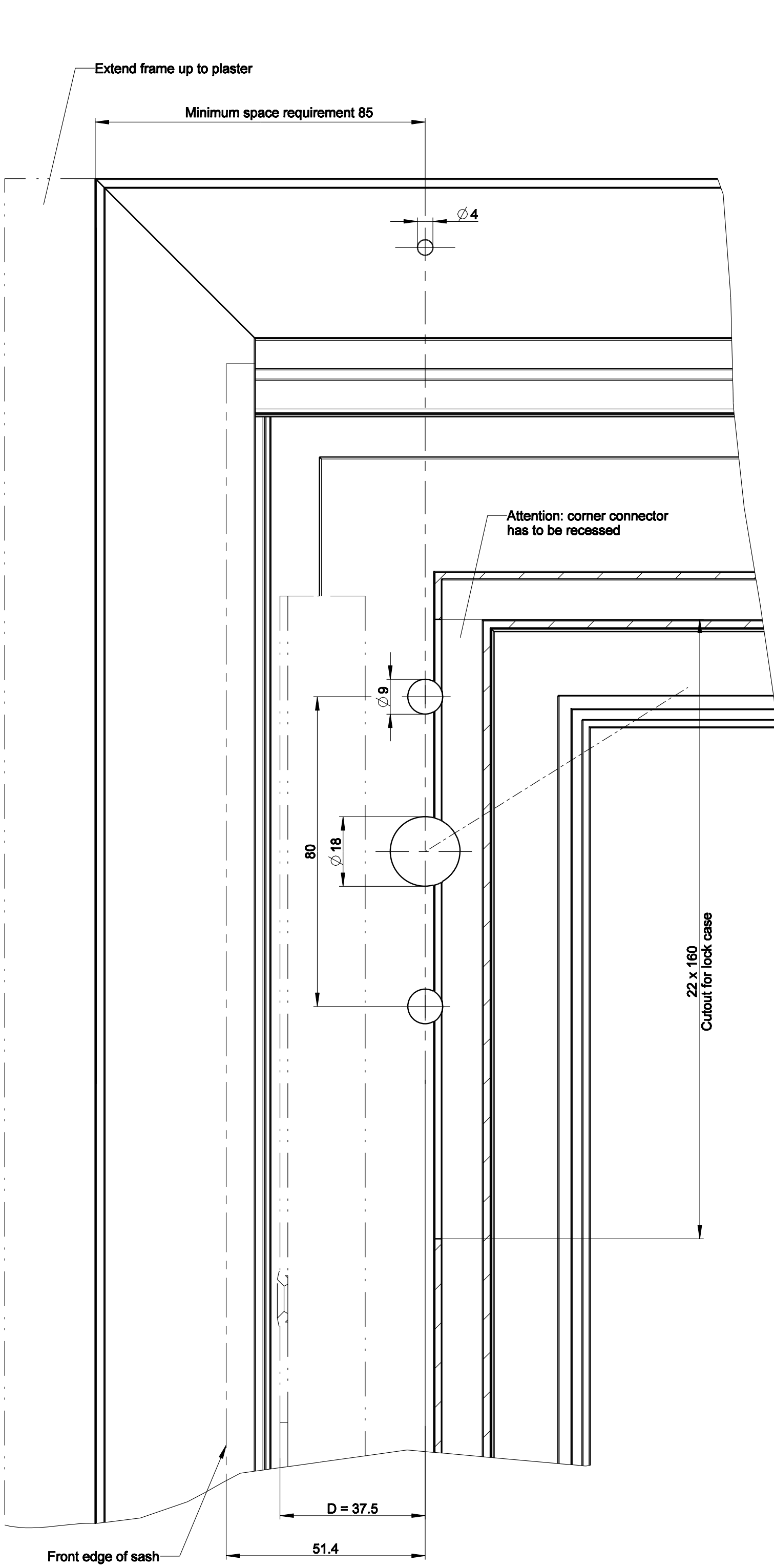
Description

**Lift&Slide window and balcony-door with GU-934
Ponzio Series SL 1600 profiles**

624

Release No. -	Level	Released		Scale 1:1	Modification 3	Size 1
Mod. No. G34346	Ver.	-	-		Drawing No. 0-46501-FJ-0-EN	Sheet 5/9
	Draft	01.09.2017	Ja			
Replacement for -						

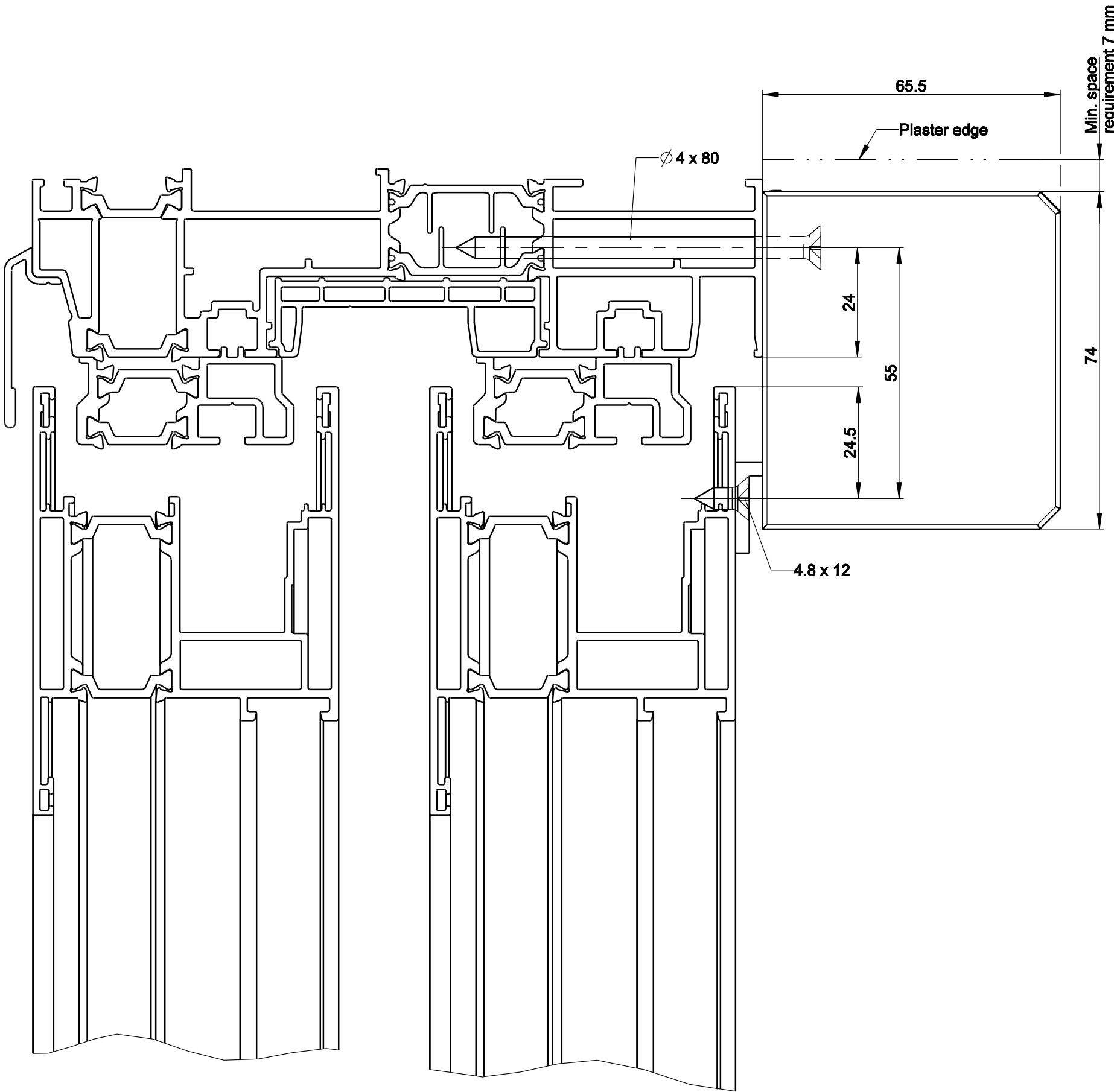
GU-HS Master



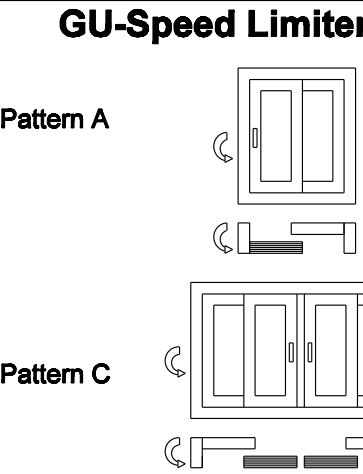
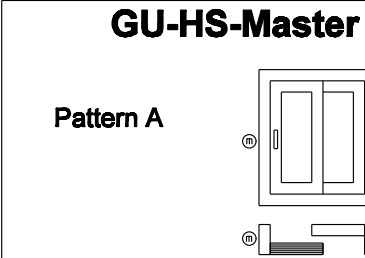
Length of bottom cover rail for L&S gear L = SH - 483,5
Rod length L = SH - 1694
Further installation dimensions see drawing 0-44355-FM

Attention!
Only backset 37.5 possible

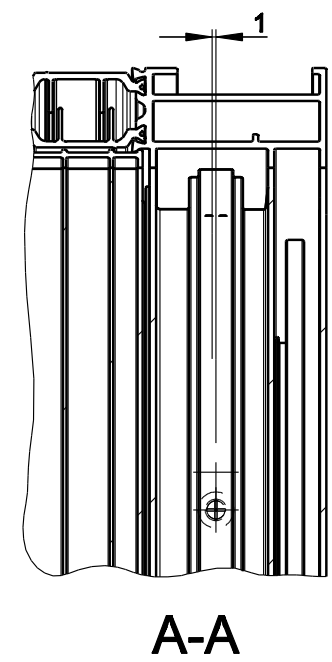
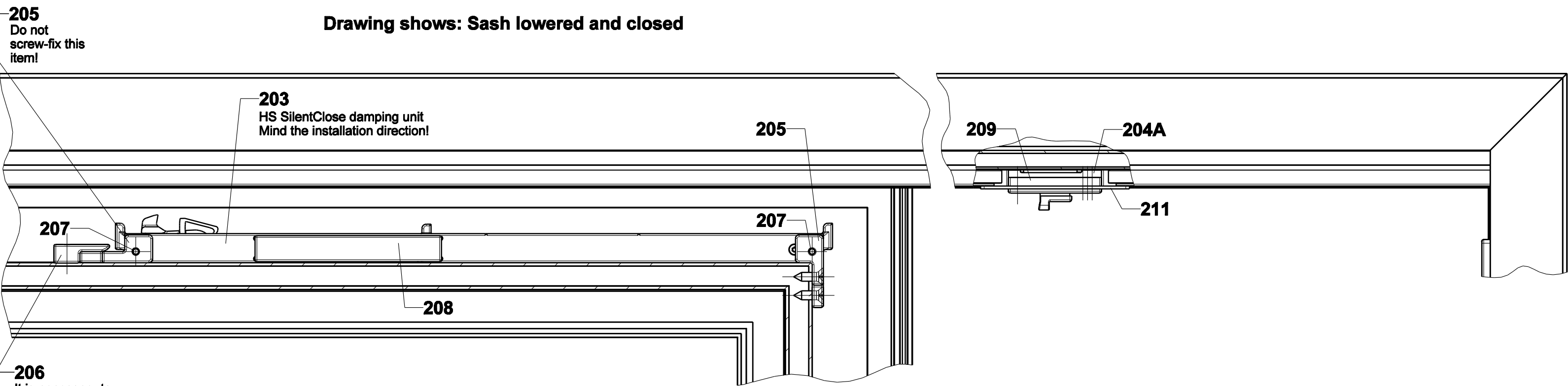
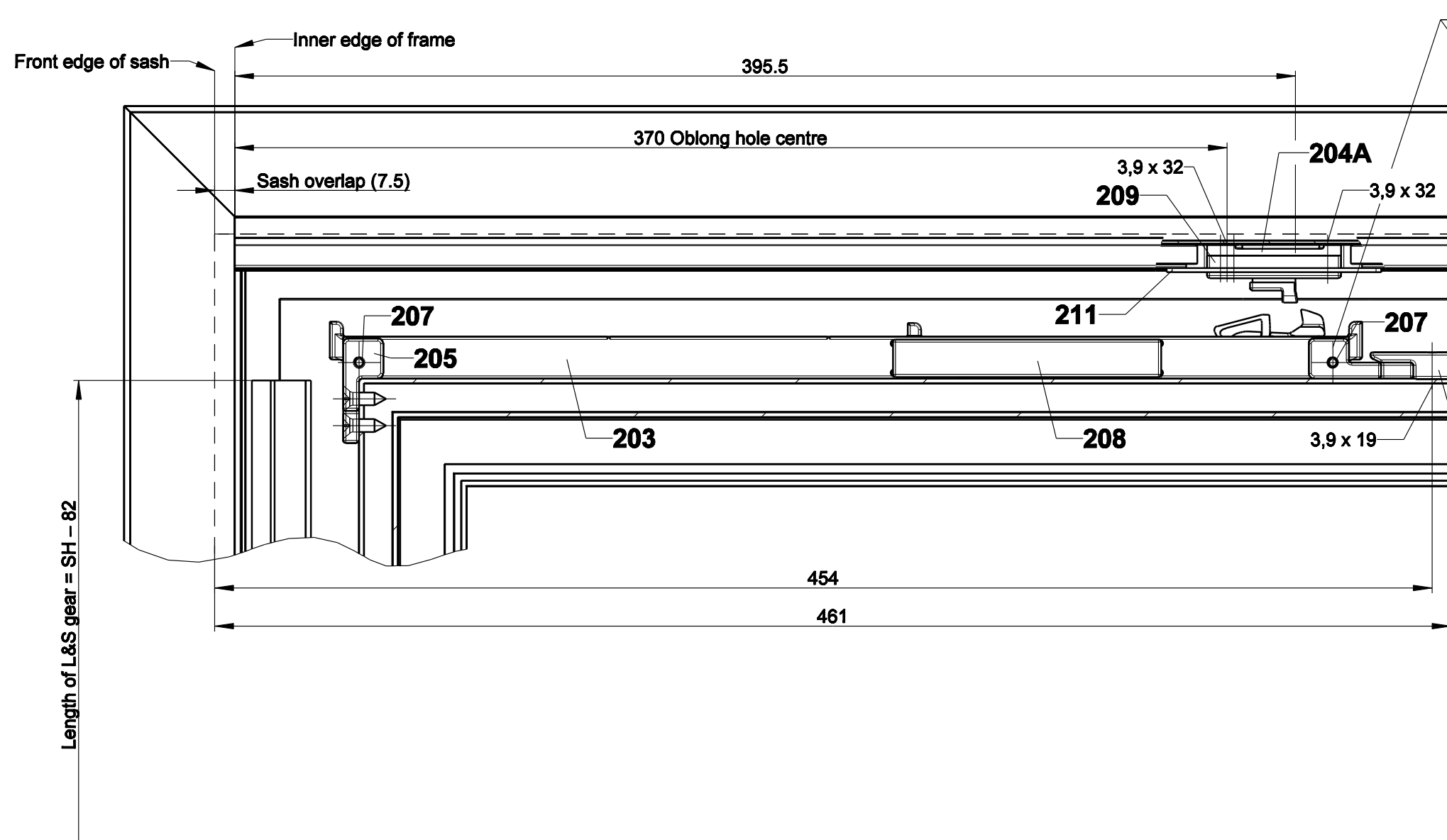
GU Speed Limiter



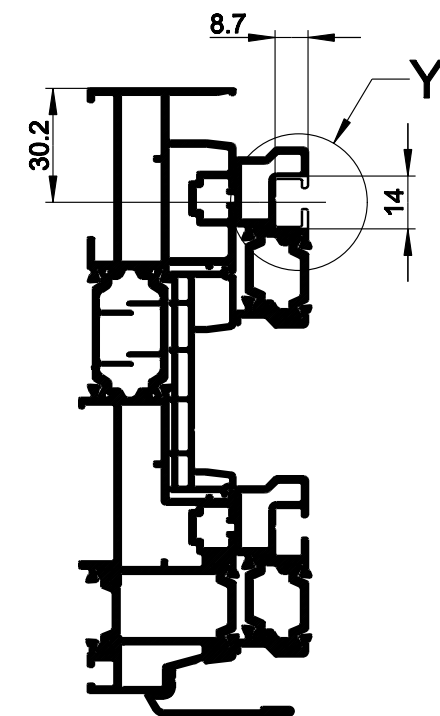
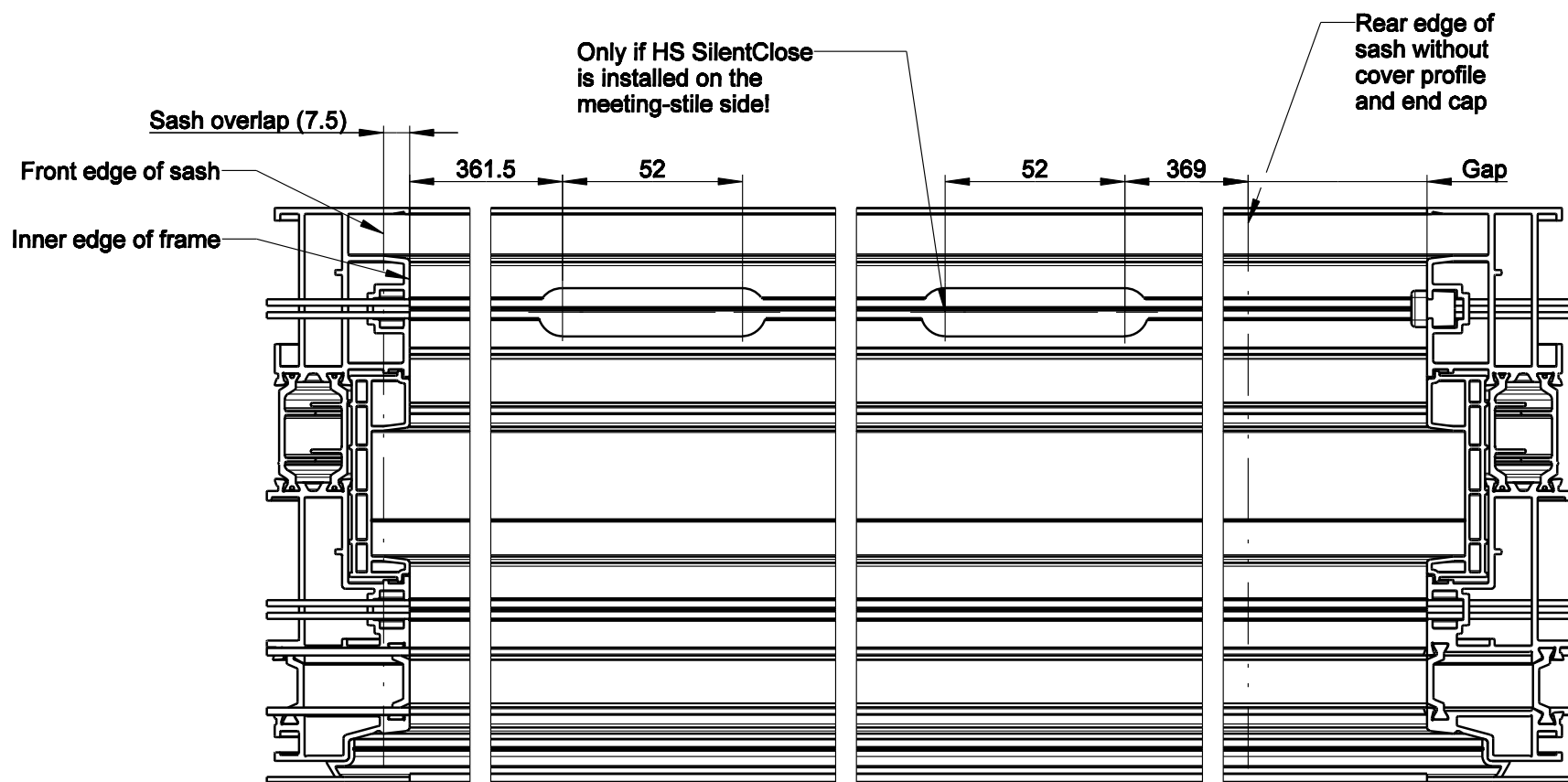
Further installation dimensions see drawing 0-44550-F0



Description Lift&Slide window and balcony-door with GU-934 Ponzio Series SL 1600 profiles —									
	Release No.	Level	Released		Scale 1:1	Modification		Size	
	Mod. No. G34348	Ver.	—			3		1	
		Draft	01.09.2017			Ja		Sheet	
	Replacement for —					Drawing No. 0-46501-FJ-0-EN		6/9	

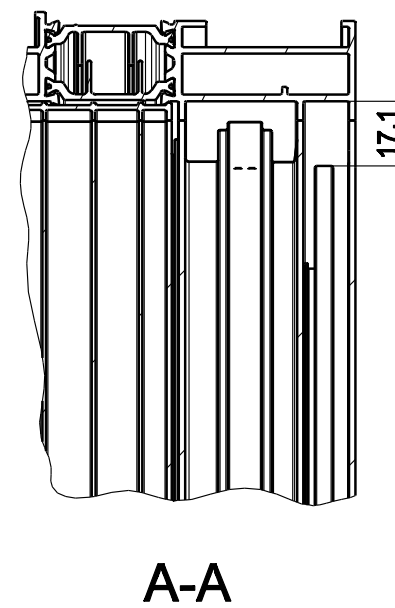
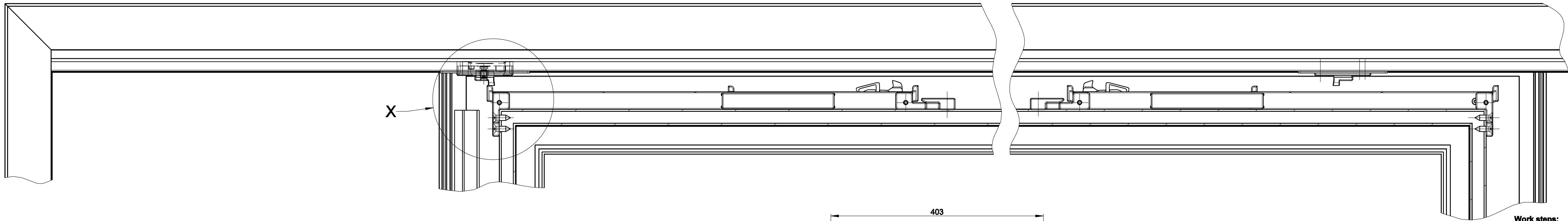


Milling the frame at the top for the trigger-part



Note:
-RC2 is not possible with HS SilentClose.
-Minimum sash width for using a HS SilentClose:
Installation on 1 side: SW min. 700 *
Installation on 2 sides: SW min. 950 *
* Sash width without cover profile

Drawing shows: Sashed lifted and opened



Work steps:
1. Mill a recess in the frame (top) for the trigger-part.
2. Crop the cover profile and the end cap for installation of HS SilentClose on the meeting-stile side.
3. Install the rear stop in the sash. *
4. Insert the sash according to the instructions of PONZIO.
5. Fix the trigger-part (first screw at oblong hole centre). *
6. Insert and fasten the damping unit, together with the assembled stop and lateral supports, in the sash. *
7. Adjust the trigger-part according to the instructions.
8. Fix the trigger-part with the second screw and check the setting once more. *
9. Install the cover profile together with the end cap.
10. Attach the trigger-part cover with glue (as specified by PONZIO).
* Mind the screw length depending on the item, see table 'required screws'.

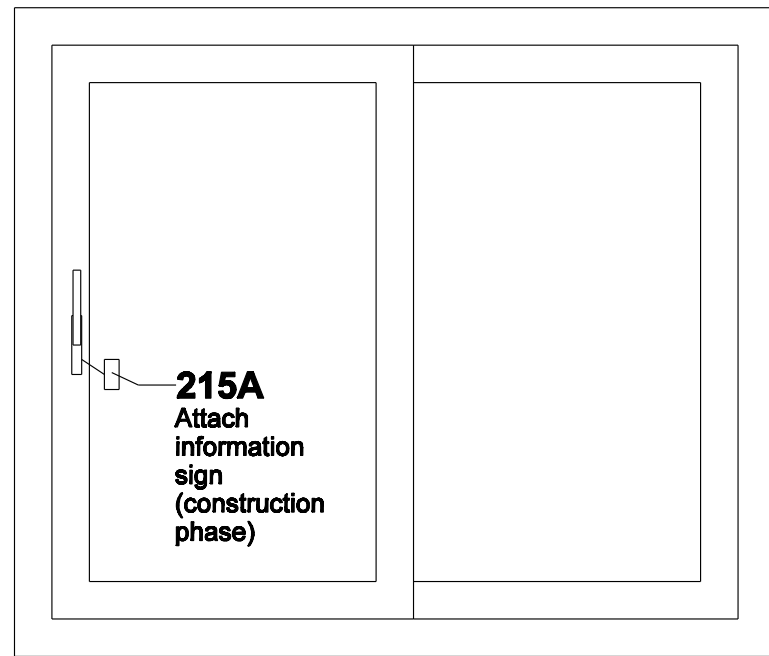
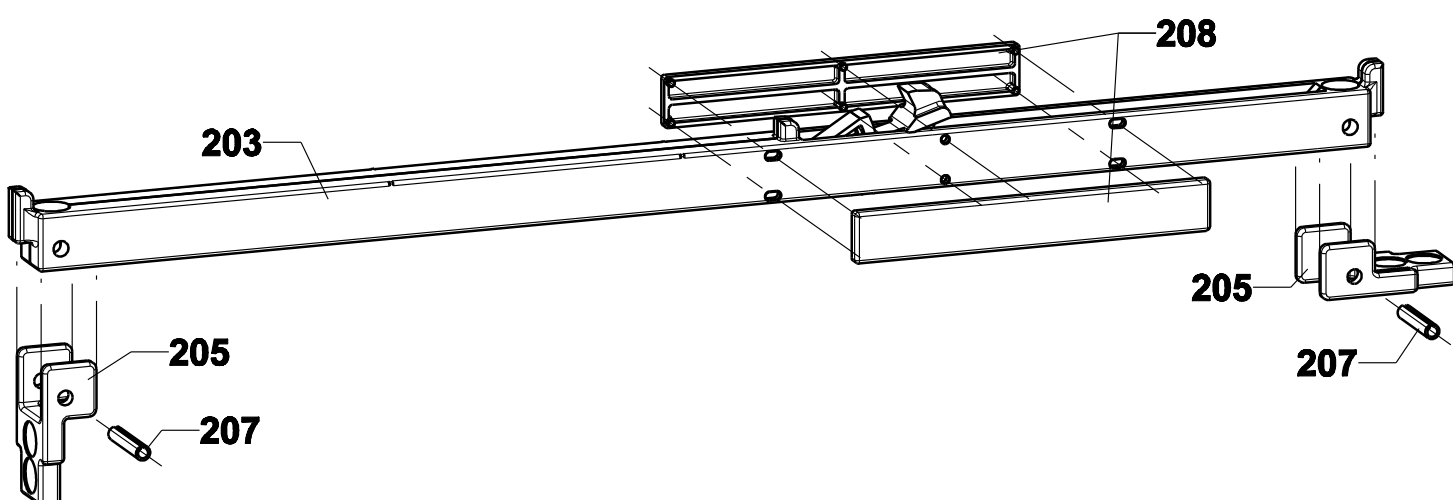
Attention!
Adjusting the trigger-part
It is necessary to adjust the trigger-part before the first closing action!
Insert the sash in such a way that the trigger-part remains visible.
Move the sash until the adjusting cam on the damping unit is below the trigger-part.
Adjust the trigger-part by turning the set-screw to the height of the adjusting cam.
Then rotate the set-screw back by half a revolution (= 0.5 mm)!
The maximum trigger-part setting range is 3.5 mm.
Move the sash slowly in its closed position to check the functioning of the damping unit.
It might be necessary to readjust the trigger-part when the sash has its final weight (after the glazing).

Installation sequence for trigger-part

1. Install the frame cams.
2. Adjust the sash position and lock the sash.
3. Place a mark or measure the gap between sash and frame (meeting-stile side), respectively the overlap between sash and frame (drive-gear side).
4. Install the trigger-part according to the indicated dimension.
5. Functional test: Move the trigger-part, if necessary.

Countersunk-head tapping screw	Screws required for items	Qty. per HS SilentClose unit
4,8 x 16	205	2
3,9 x 19	206	2
3,9 x 32	209	2

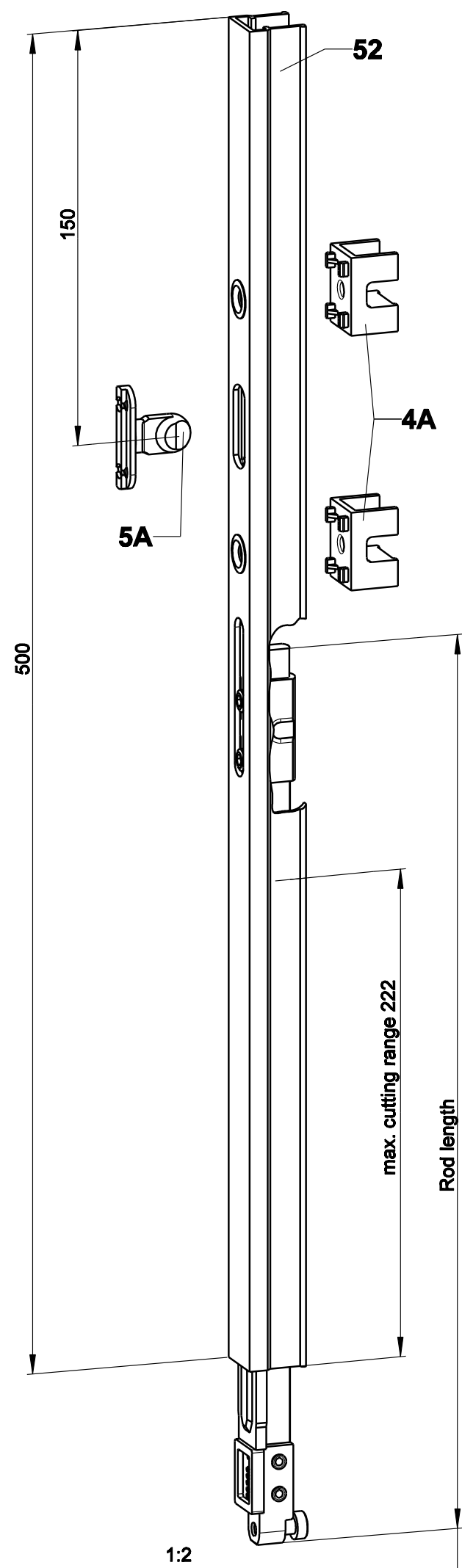
Drawing shows sash in open position for installing HS SilentClose on the meeting-stile side



HS SilentClose Pattern A	HS SilentClose Pattern C
HS SilentClose Pattern D	HS SilentClose Pattern F

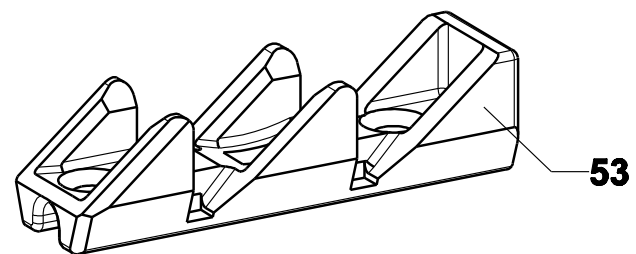
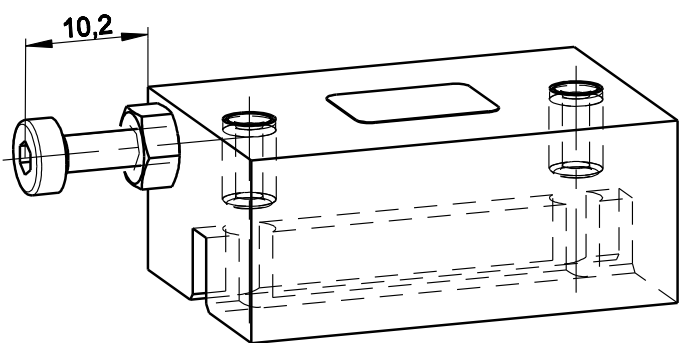
Description Lift&Slide window and balcony-door with GU-934 Ponzio Series SL 1600 profile —		Release No. — Mod. No. G34346	Level Ver. — Draft	Released — 01.09.2017 Ja	Scale 1:2	Modification 3 Drawing No. 0-46501-FJ-0-EN	Size 1 Sheet 7/9
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Gear extension
with frame cam

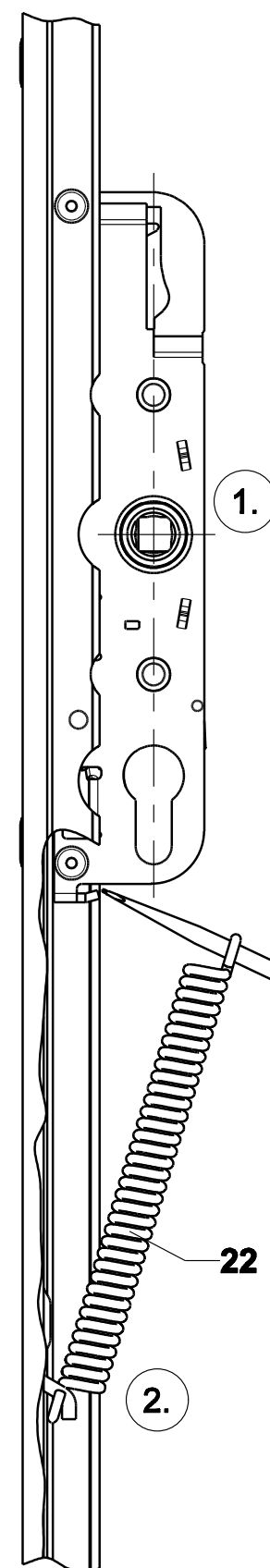
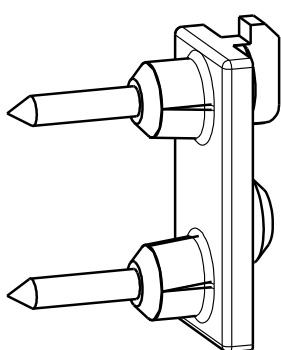


Lift&Slide gear	Rod length
Size 11	SH - 1025
Size 19	SH - 1395
Size 24	SH - 2025
Size 28	SH - 2275

Drilling jig for
bottom keeper
6-34129-00

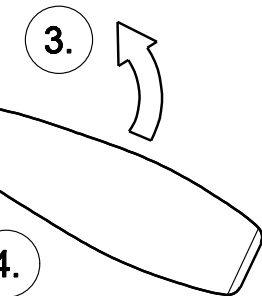


Centre punch
6-33500-00

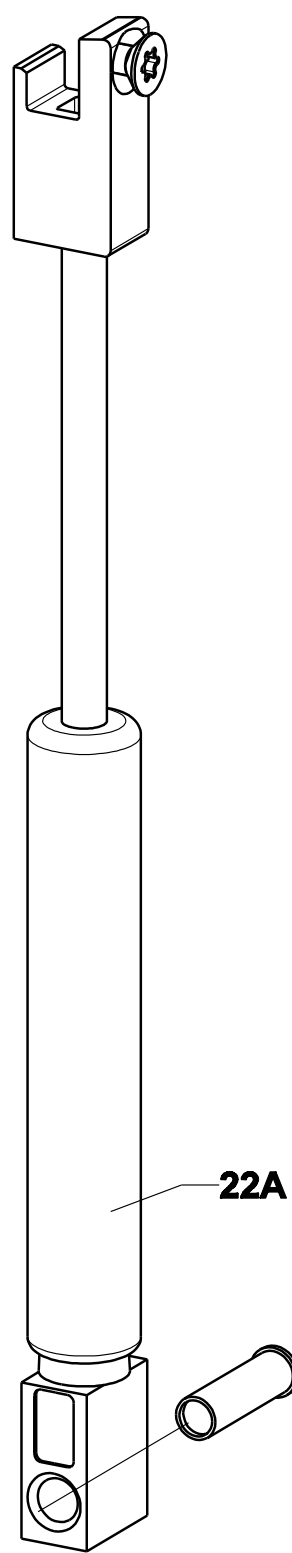


1. Put Lift&Slide gear in open position.
2. Engage tension spring order no. 9-40235-05 in draw rod.
3. Tauten spring using a slot screwdriver size 1
4. and slide it onto the hook on the lock case.

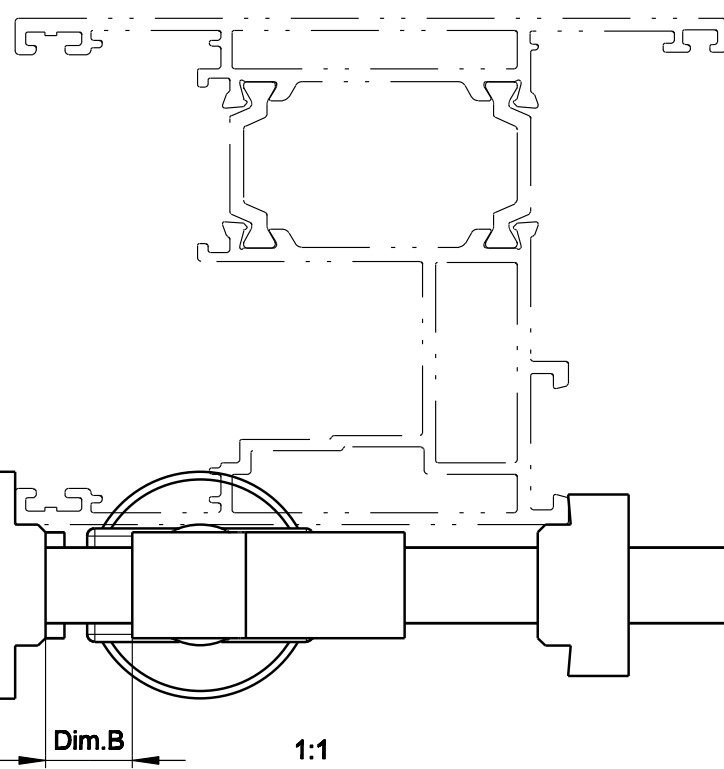
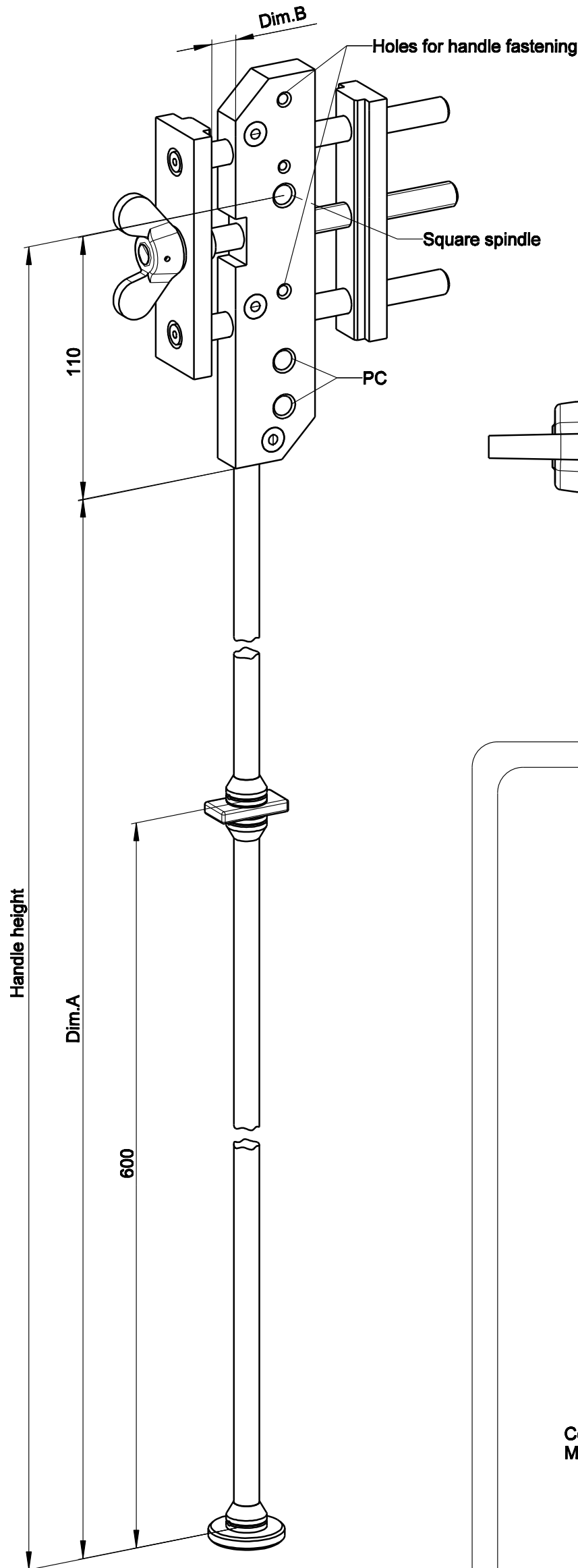
Attention
In order to avoid injuries, it is important to mount the Lift&Slide gear and other hardware components in their open position.



L&S handle damper
Installation from 100 kg
sash weight



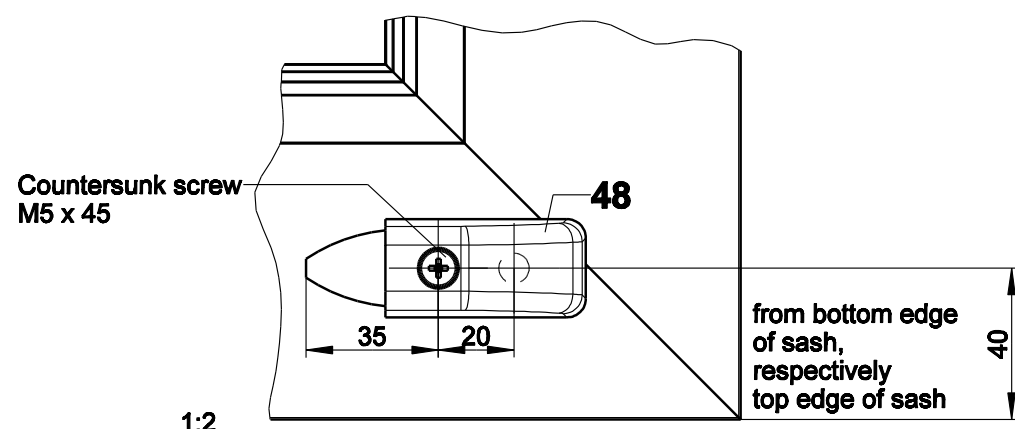
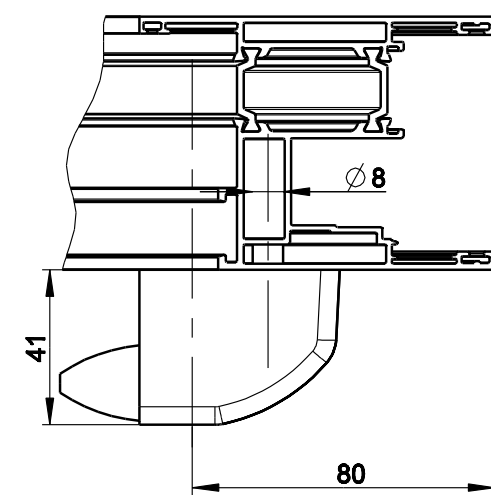
Drilling jig for turn handle
9-27272



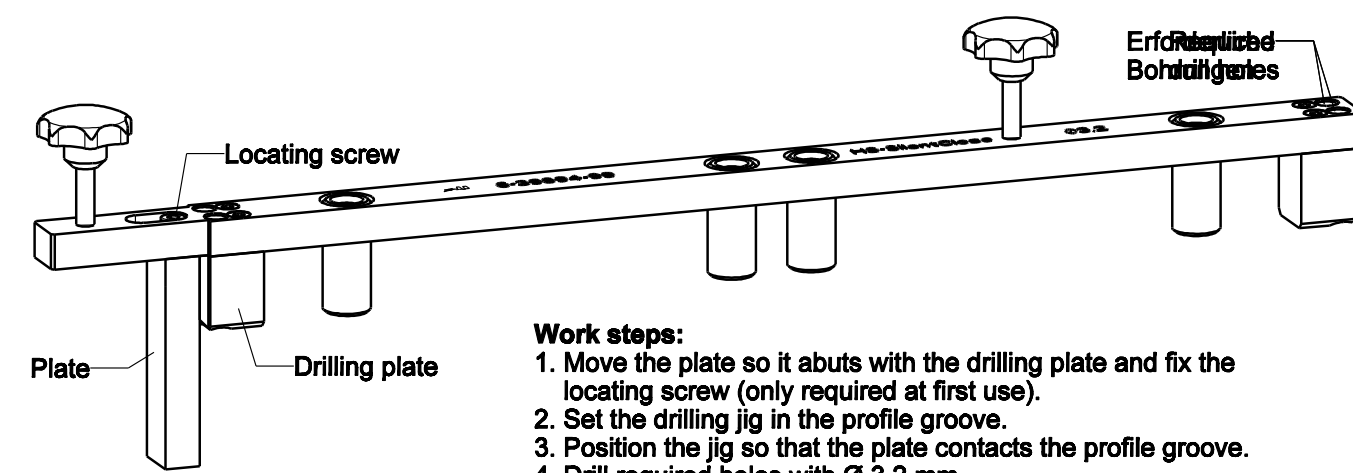
SH	Dim. A	Dim. B	Dim. B HS-Master
850-1850	297	15,4	25,4
1850-2750	897		

Top and bottom installation
dimensions for buffer no. 90

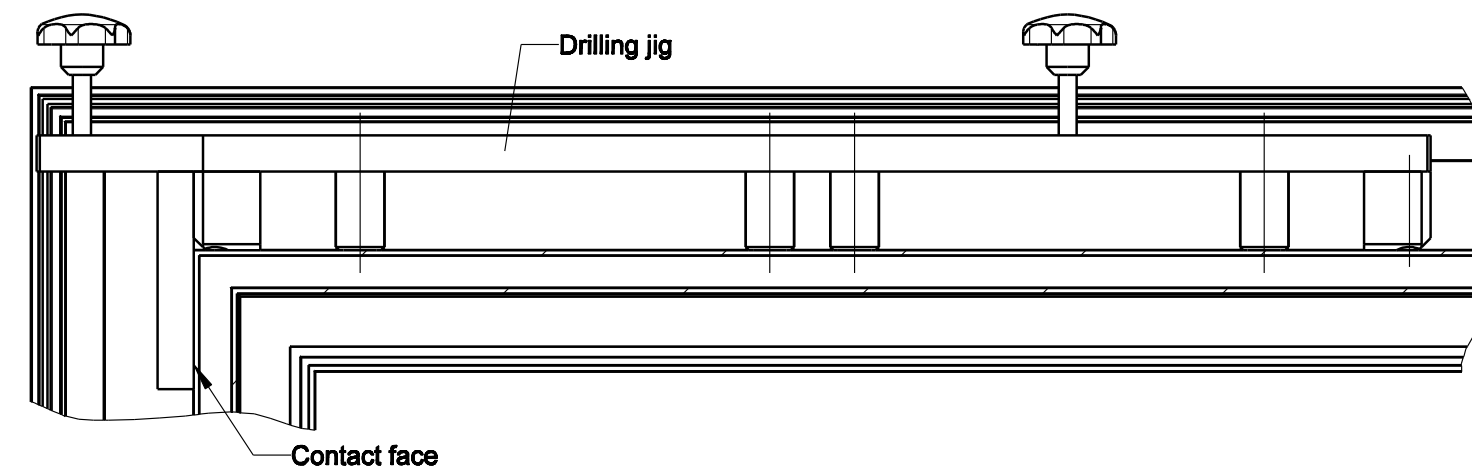
2 pcs required for handle on both sides.



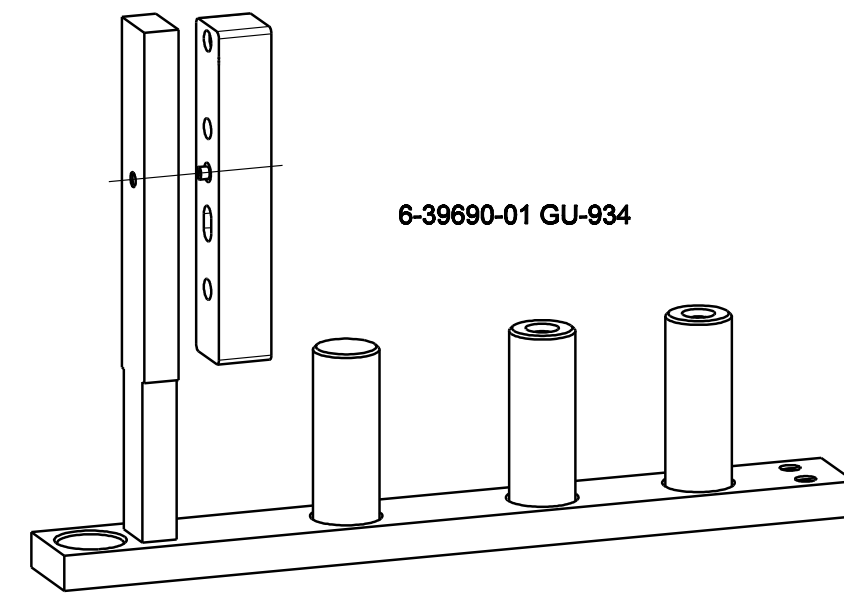
Drilling jig for HS SilentClose
6-39694-01



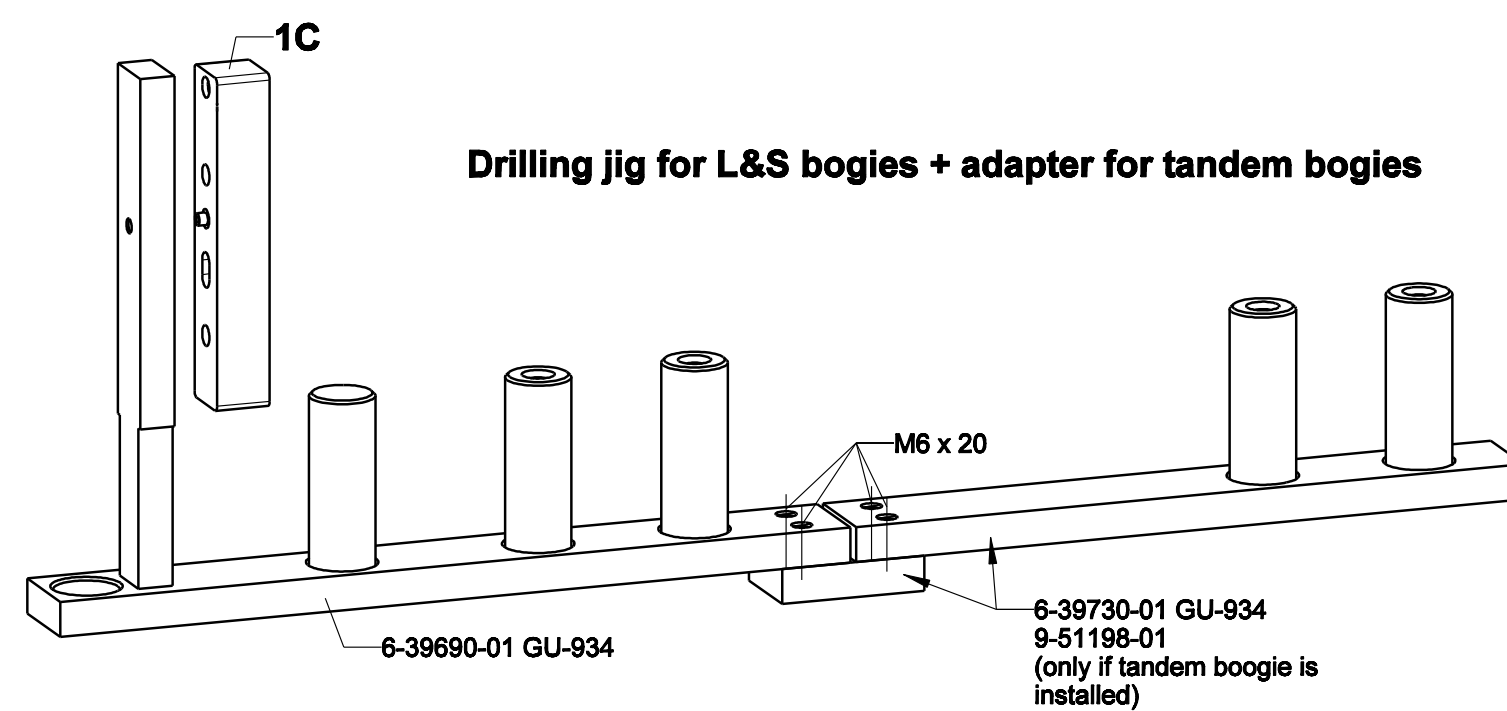
- Work steps:**
1. Move the plate so it abuts with the drilling plate and fix the locating screw (only required at first use).
 2. Set the drilling jig in the profile groove.
 3. Position the jig so that the plate contacts the profile groove.
 4. Drill required holes with $\varnothing$ 3.2 mm.



Drilling jig for L&S bogies



Drilling jig for L&S bogies + adapter for tandem bogies



Optional parts

Description									
Lift&Slide window and balcony-door with GU-934									
Ponzio Series SL 1600 profile									
—									
	Release No.		Level	Released		Scale	Modification		Size
	—			—	—	%	3		1
	Mod. No.		Ver.						
	G34346		Draft	01.09.2017	Ja				
	Replacement for —						Drawing No.		Sheet
							0-46501-FJ-0-EN		8/9