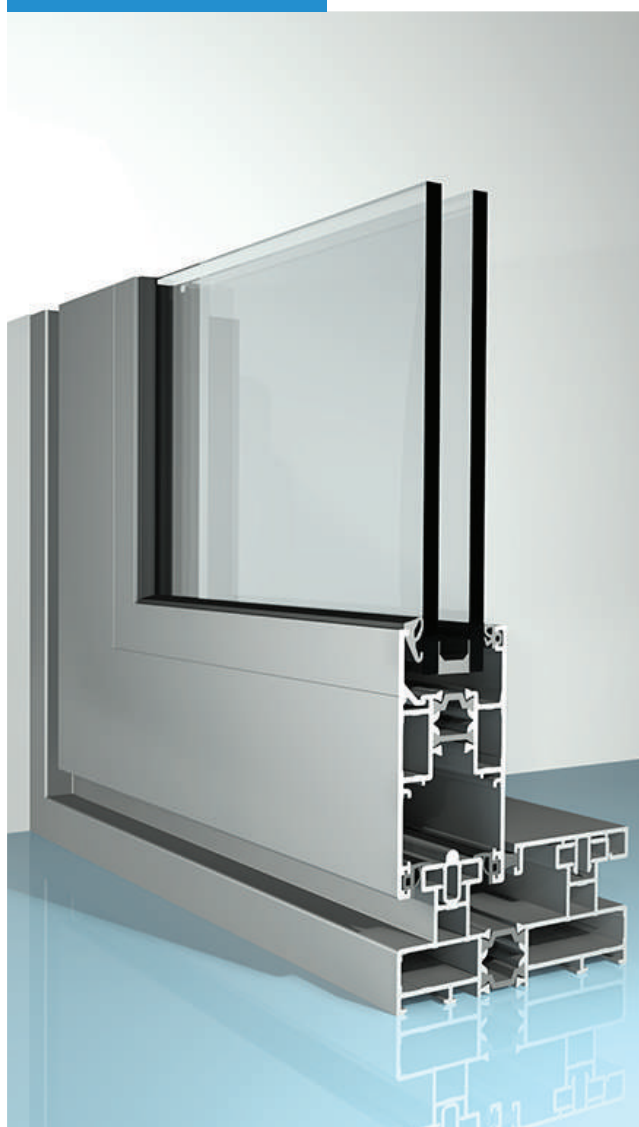




GlobAlum
Globaly Aluminum Passion

GS97S



CURTAIN WALL SERIES GS97S

Profiles

01-17

Sections

18-48

Work Drawings

49-70

Glazing Table

71

PROFILES :

Number	Shape	DESCRIPTION	Corner Nail / Crimp	Corner Alignment	T.Connector
21197S1		Mono rail frame 47/25	5725204 5514528	7501020	—
21197S2		Dual rail frame 44/44	5725292 5725422	—	—
21197S3		Three Rail frame 44/44	5725292 5725466 5725292	—	—
22197S1		Sash profile 81/61 Normal Slid / Lift Slid	5384092 5384092	7501011 7501011	
24197S1		Mullion Transom 82/38	—	—	—
1000659		Monorail Frame cover	—	—	—
1000660		Monorail Frame cover	—	—	—
1000714		Interlock	—	—	—
1000715		Frame cover	—	—	—
1000753		Meeting profile	—	—	—
1000850		Middle opening convertor	—	—	—
1000540		Middle opening interlock for monorail	—	—	—
1000886		90 degree Opening Adaptor	—	—	—
1000887		90 degree Opening Adaptor	—	—	—
1000668		90 degree Opening Adaptor	—	—	—

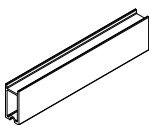
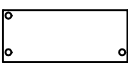
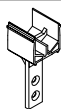
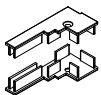
PROFILES :

Number	Shape	DESCRIPTION
7501037		Interlock Thermal Separator
1000353		Round Shape Rail
1000876		Curtain wall adaptor
1000657		Glazing bead 3.5 mm
1000409		Glazing bead 12 mm
1000501		Add on Profile 28mm
1000488		Architrave Profile 55mm / 4.3
1000612		Architrave Profile 55mm / 9.3
1000200		Cover profile
1000456		Cover profile
1000582		Reinforce profile
1000626		Reinforce profile
1000244		Reinforce profile
1000849		Internal Reinforce
1000879		Drainage second cover
1000880		Drainage cover profile
1000881		Drainage channel profile
1000882		Support profile
1000883		Add on profile
1000733		Accessories Channel

Gaskets :

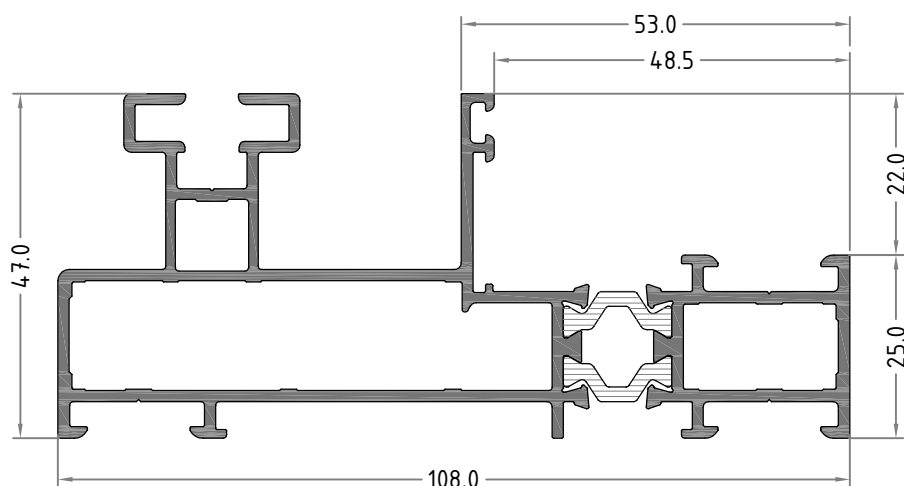
Number	Shape	DESCRIPTION
7001001		Outer glazing gasket
7001062		Inner glazing gasket 9-10mm.
7001002		Inner glazing gasket 7-8mm.
7001005		Inner glazing gasket 5-6mm.
7001034		Inner glazing gasket 3-4mm.
7001028		Cover gasket
7001029		Cover gasket
7001003		Sash Weather Sealing Gasket
7001045		Stop gasket
7001070		Separation Gasket
7906807		Brush

System Accessories:

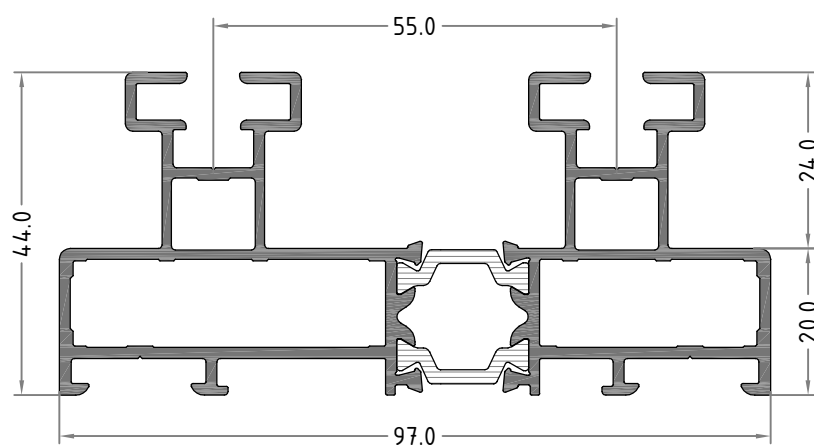
Number	Shape	DESCRIPTION
5352200		Supporting Profile Piece
5752150		Glazing Support
7501016		Cover Plug
7501035		Fixed Sash Support
7501096		1000881 End cap
7501097		Distance piece
7501116		Meeting Profile Cap
7501117		1000887 End cap
7501118		1000886 End cap

GS97S : Normal Sliding - Lift Sliding

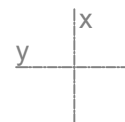
Type	Shape	<u>NS</u> 5352200	<u>LS</u> 5352200	<u>NS - LS</u> 5752150	<u>NS - LS</u> 7501016	<u>NS - LS</u> 7501035	<u>NS - LS</u> 7501097
Mono Rail		2 PC.	—	2 PC.	2 PC.	—	1 PC.
		4 PC.	2 PC.	2 PC.	2 PC.	—	1 PC.
		4 PC.	—	4 PC.	4 PC.	—	2 PC.
		4 PC.	—	4 PC.	4 PC.	—	2 PC.
		4 PC.	—	4 PC.	4 PC.	—	2 PC.
Dual Rail		2 PC.	—	2 PC.	4 PC.	4 PC.	2 PC.
		4 PC.	—	4 PC.	4 PC.	—	2 PC.
		2 PC.	—	2 PC.	6 PC.	8 PC.	1 PC.
		4 PC.	—	4 PC.	8 PC.	2 PC.	2 PC.
		4 PC.	—	4 PC.	8 PC.	8 PC.	2 PC.
		4 PC.	—	4 PC.	8 PC.	6 PC.	2 PC.
		8 PC.	—	8 PC.	8 PC.	—	4 PC.
3 Rail		4 PC.	—	4 PC.	8 PC.	4 PC.	2 PC.
		8 PC.	—	8 PC.	16 PC.	8 PC.	4 PC.



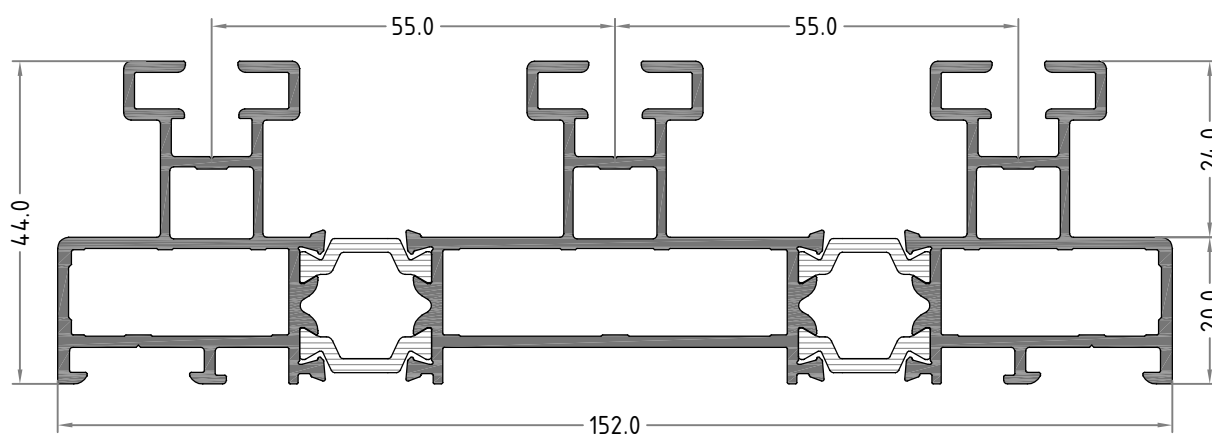
21197S1



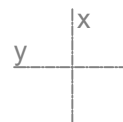
21197S2



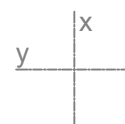
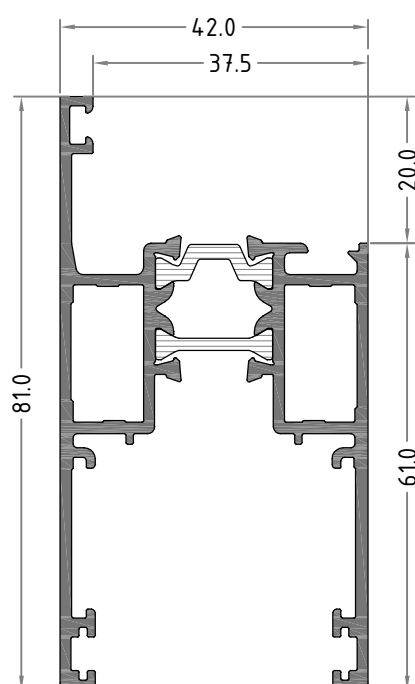
DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Mono rail frame 47/25	21197S1	59.49	11.09	
Dual rail frame 44/44	21197S2	45.24	11.90	



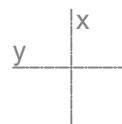
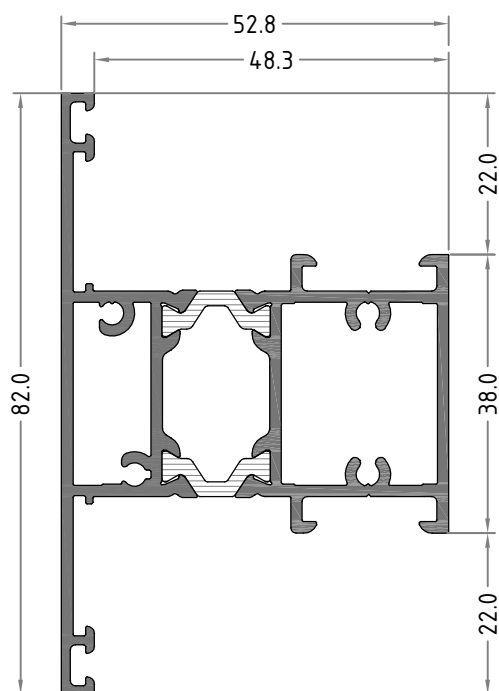
21197S3



DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Three Rail frame 44/44	21197S3	158.92	17.56	



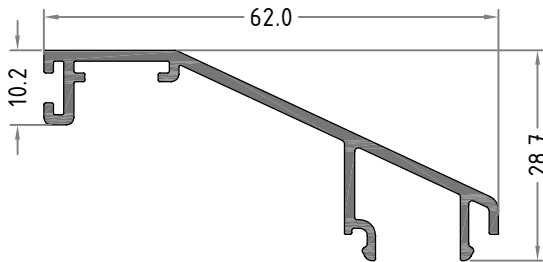
DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Sash profile 81/61 . Normal Slid / Lift Slid	22197S1	9.58	18.62	



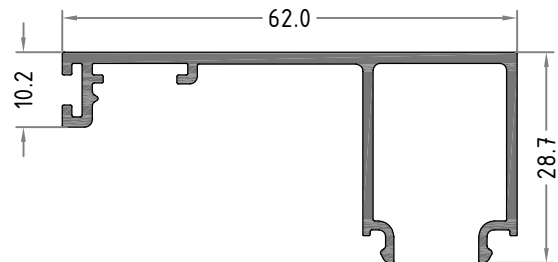
DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Mullion Transom 82/38	24197S1	13.48	14.67	

PROFILES

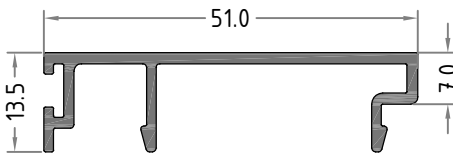
Series GS97S



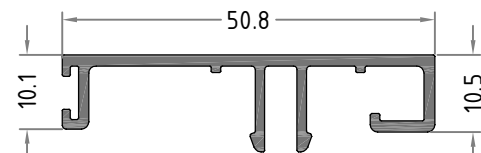
DESCRIPTION	Number
Monorail Frame cover	1000659



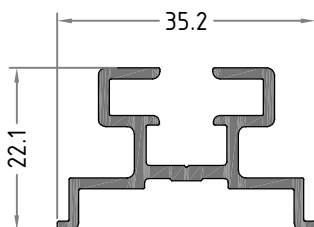
DESCRIPTION	Number
Monorail Frame cover	1000660



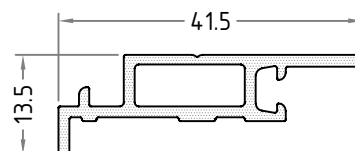
DESCRIPTION	Number
Interlock	1000714



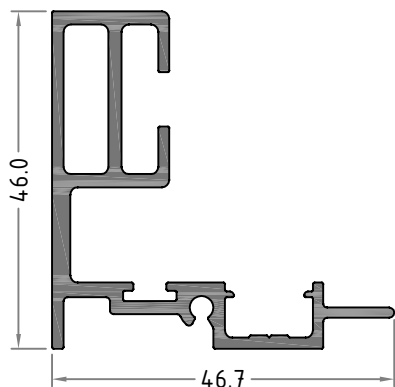
DESCRIPTION	Number
Frame cover	1000715



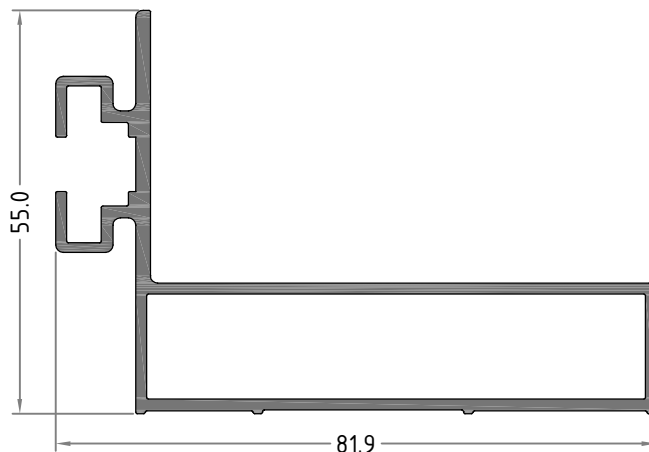
DESCRIPTION	Number
Meeting profile	1000753



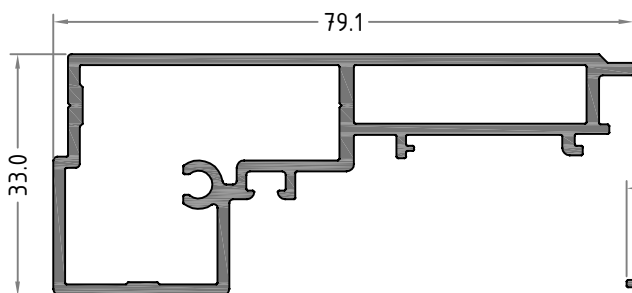
DESCRIPTION	Number
Interlock Thermal Separator	7501037



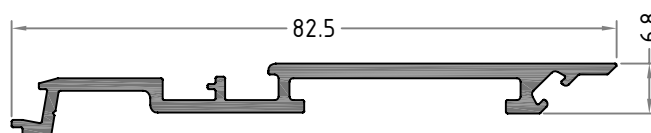
DESCRIPTION	Number
Middle opening convertor	1000850



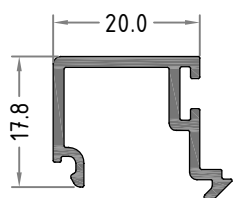
DESCRIPTION	Number
Middle opening interlock	1000540



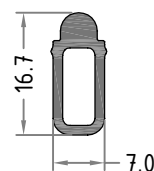
DESCRIPTION	Number
90 degree Opening Adaptor	1000886



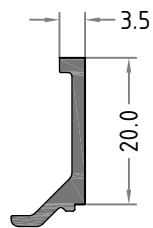
DESCRIPTION	Number
90 degree Opening Adaptor	1000887



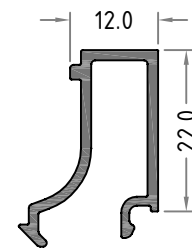
DESCRIPTION	Number
90 degree Opening Adaptor	1000668



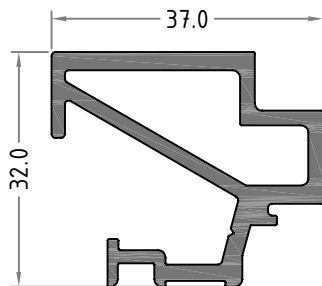
DESCRIPTION	Number
Round Shape Rail	1000353



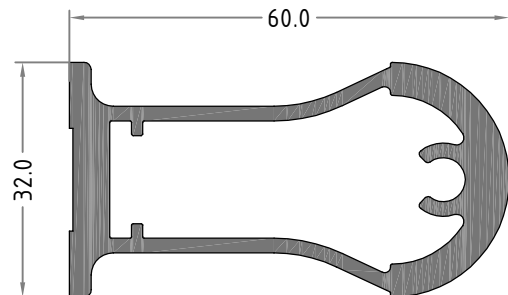
DESCRIPTION	Number
Glazing bead 3.5 mm	1000657



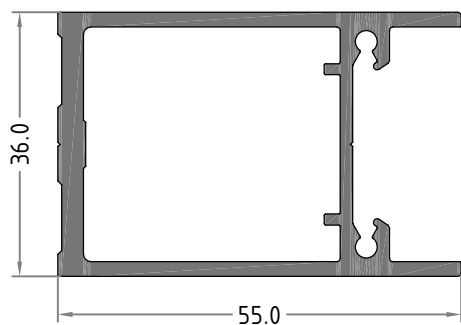
DESCRIPTION	Number
Glazing bead 12mm	1000409



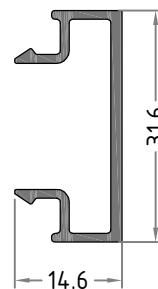
DESCRIPTION	Number
Internal Reinforce	1000849



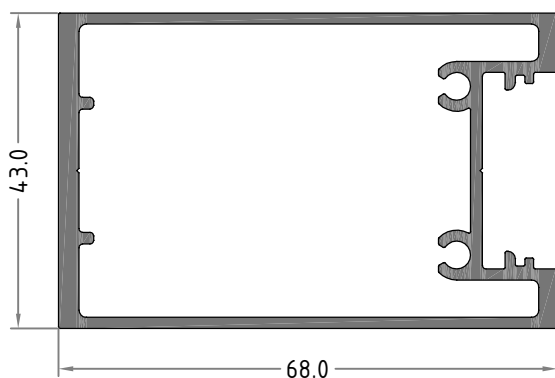
DESCRIPTION	Number
Reinforce profile	1000244



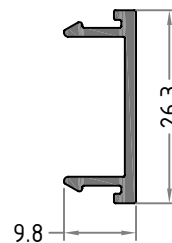
DESCRIPTION	Number
Reinforce profile	1000582



DESCRIPTION	Number
Cover profile	1000200



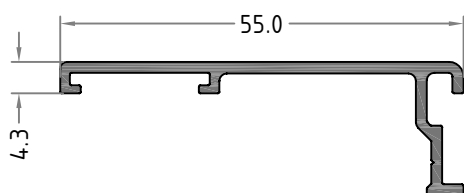
DESCRIPTION	Number
Reinforce profile	1000626



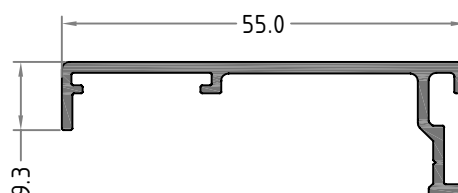
DESCRIPTION	Number
Cover profile	1000456

PROFILES

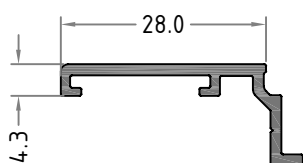
Series GS97S



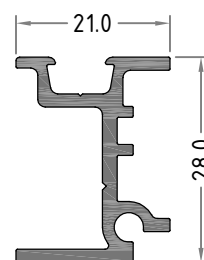
DESCRIPTION	Number
Architrave Profile 55mm / 4.3	1000488



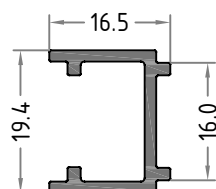
DESCRIPTION	Number
Architrave Profile 55mm / 9.3	1000612



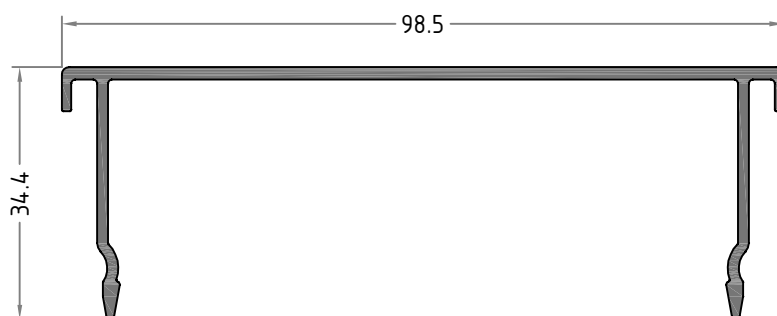
DESCRIPTION	Number
Add on Profile	1000501



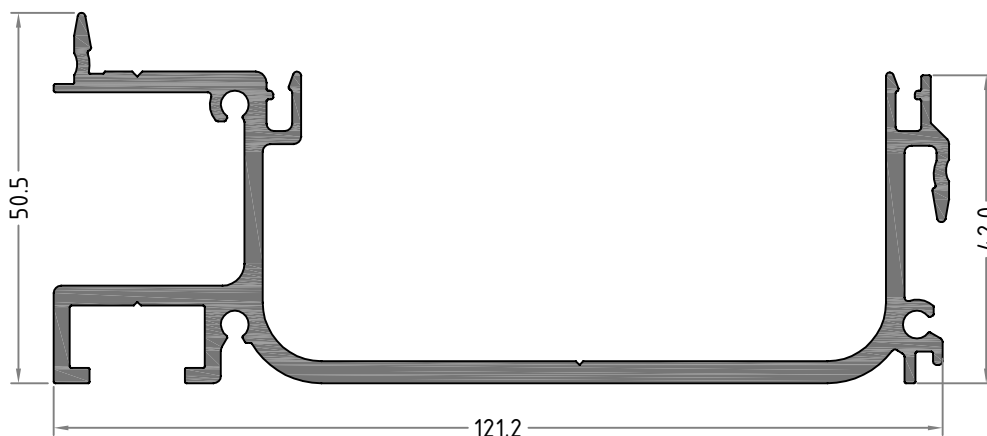
DESCRIPTION	Number
Curtain wall adaptor	1000876



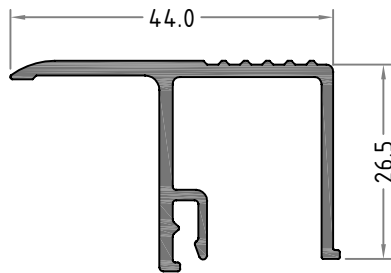
DESCRIPTION	Number
Accessories Channel	1000733



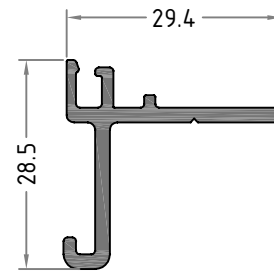
DESCRIPTION	Number
Drainage cover profile	1000880



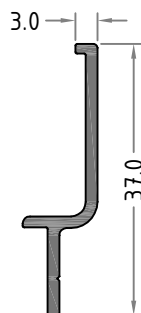
DESCRIPTION	Number
Drainage channel profile	1000881



DESCRIPTION	Number
Drainage second cover	1000879

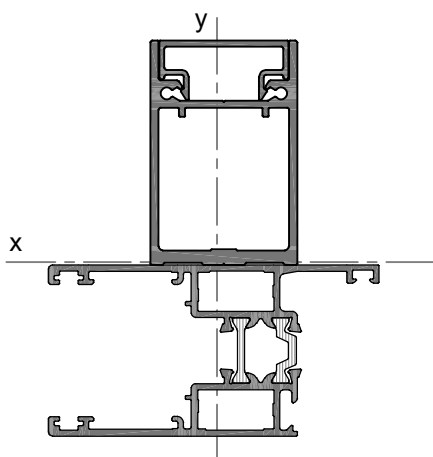


DESCRIPTION	Number
Support profile	1000882

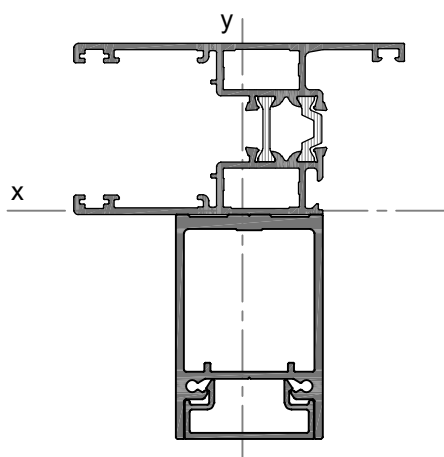


DESCRIPTION	Number
Add on profile	1000883

REINFORCED SASH PROPERTIES GS97S



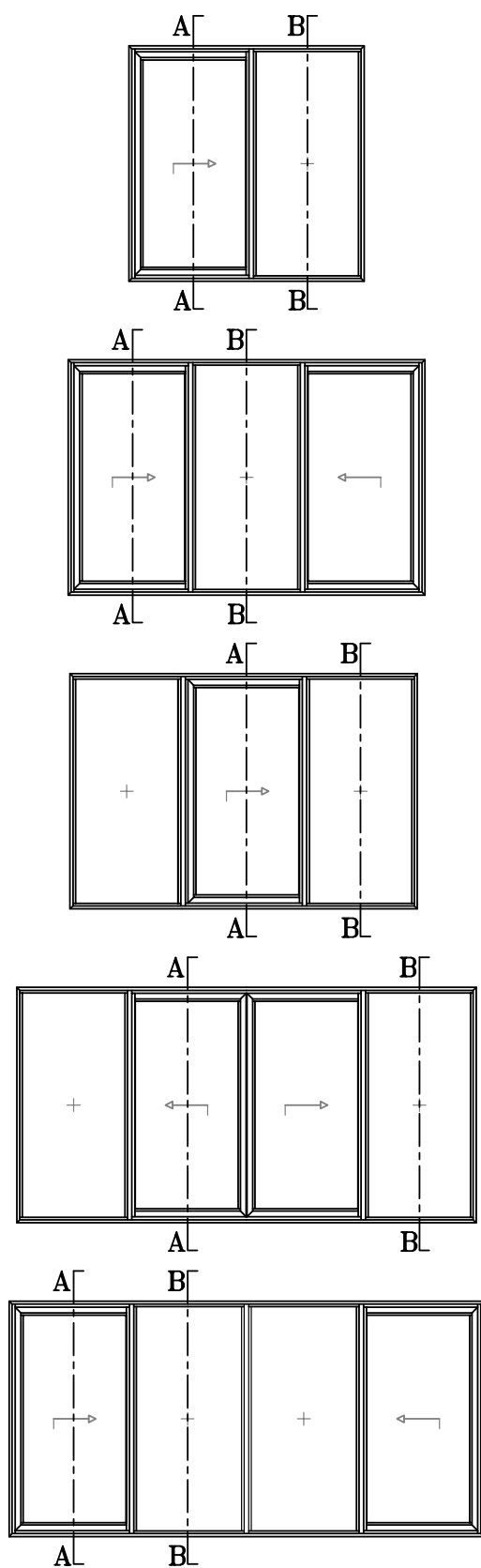
External Reinforcement (EXR)



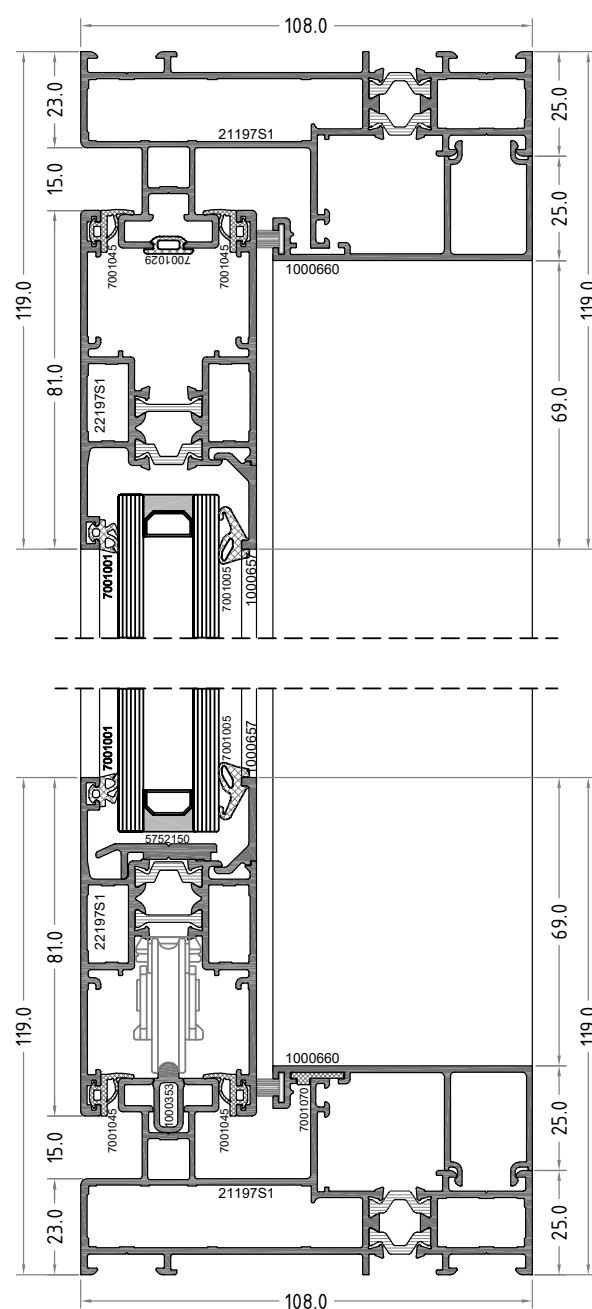
Internal Reinforcement (INR)

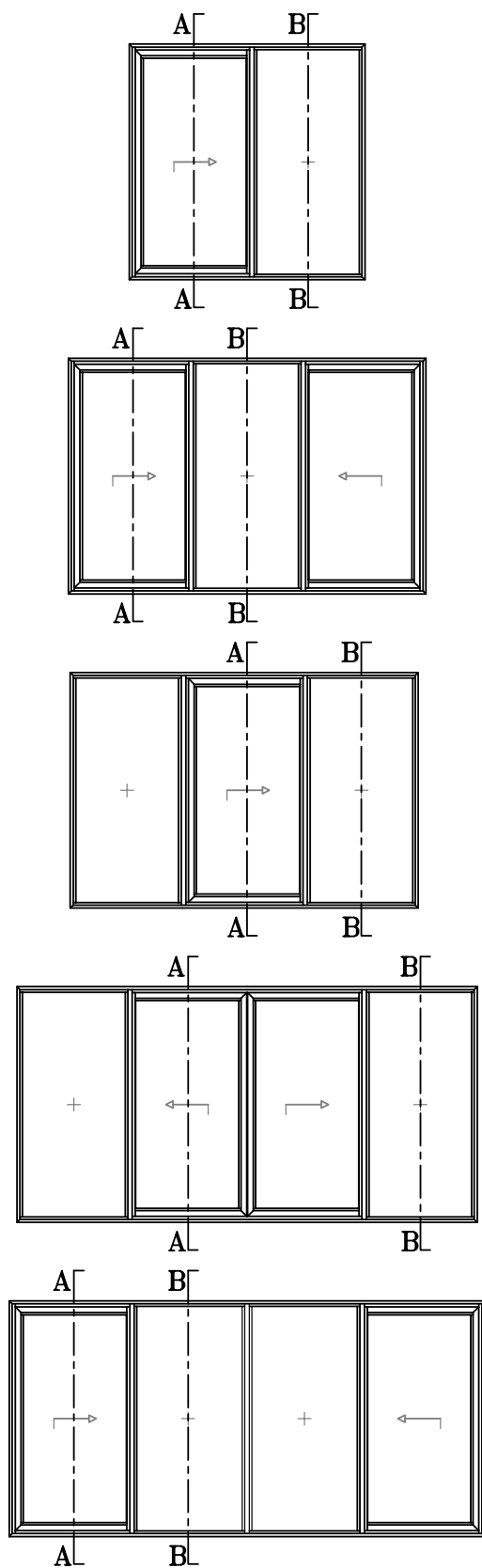
Article Number	Article Description	Add On Reinforcement	Internal Or External	Eff. I_x cm^4	I_y cm^4
22197S1	Sash profile 81/61	1000582 + 1000200	INR	56.56	27.10
22197S1	Sash profile 81/61	1000582 + 1000200	EXR	52.33	27.10
22197S1	Sash profile 81/61	1000626 + 1000456	INR	92.46	31.34
22197S1	Sash profile 81/61	1000626 + 1000456	EXR	86.98	31.34
22197S1	Sash profile 81/61	1000244	INR	86.33	23.64
22197S1	Sash profile 81/61	1000244	EXR	80.74	23.64
22197S1	Sash profile 81/61	1000849	N/A	12.74	25.32
24197S1	Monorail Frame Mullion/Transom	1000582 + 1000200	INR	75.83	23.00

Effective I_x calculated in accordance with EN 14024-2004

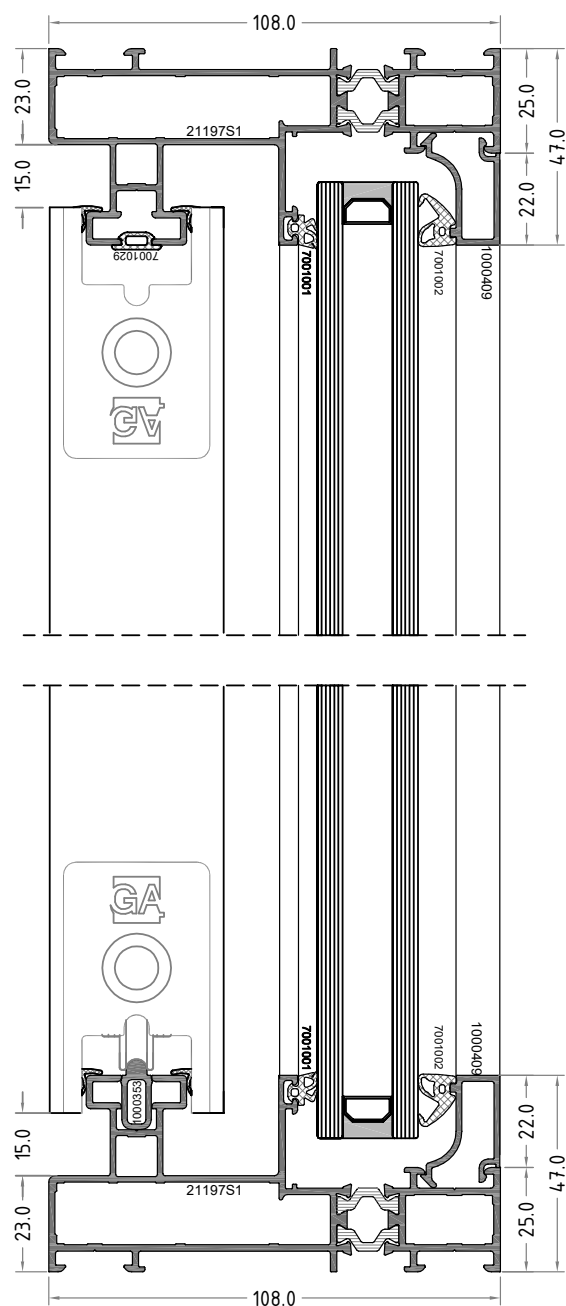


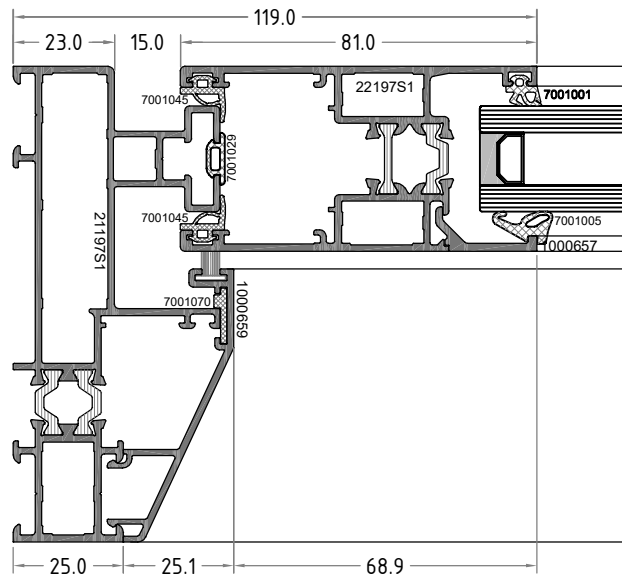
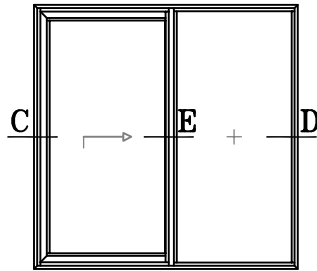
Section A-A



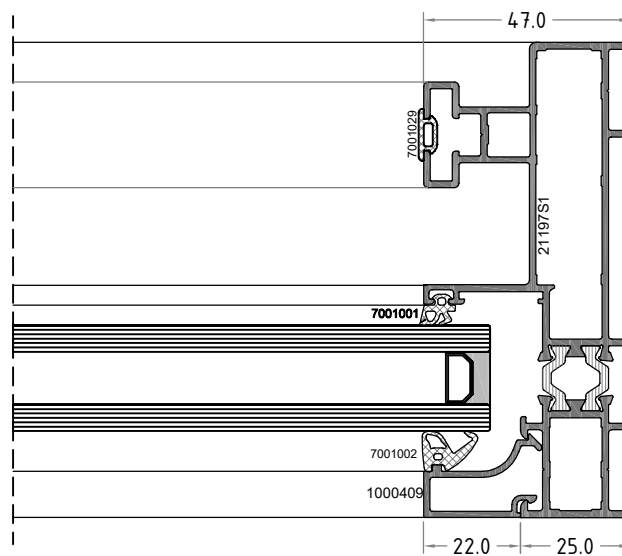


Section B-B

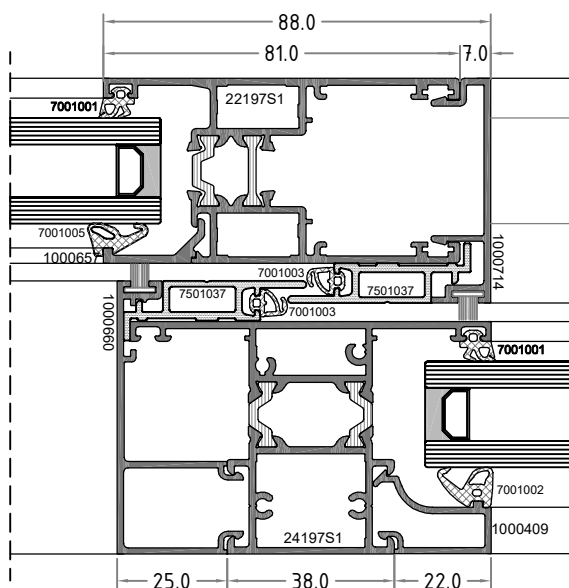
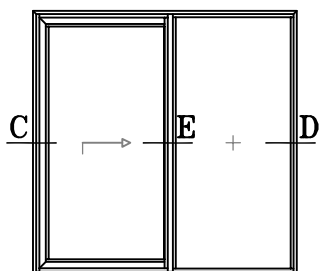




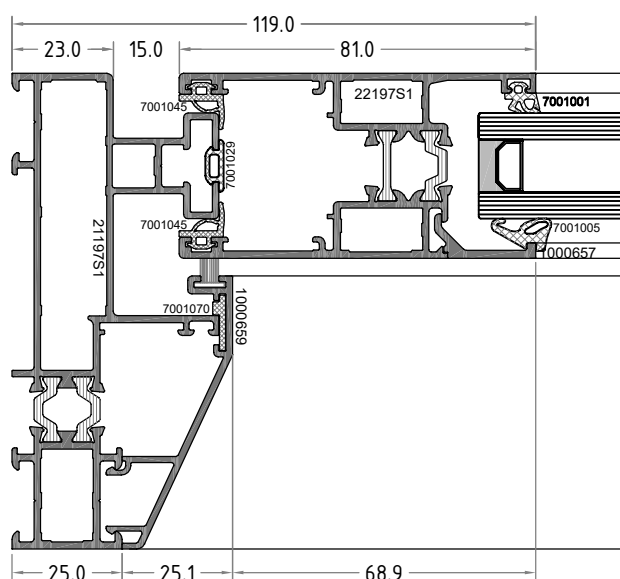
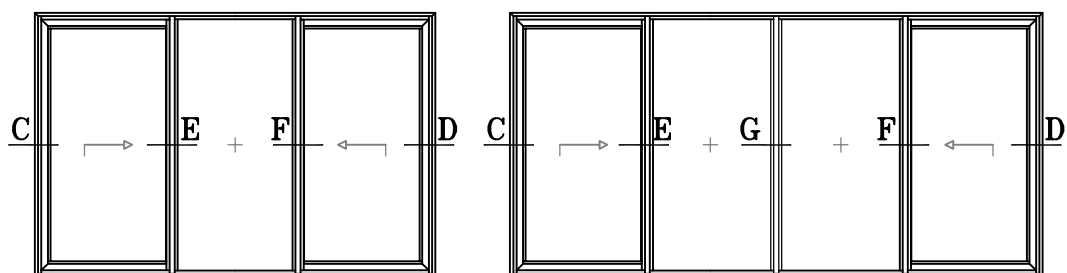
Section C



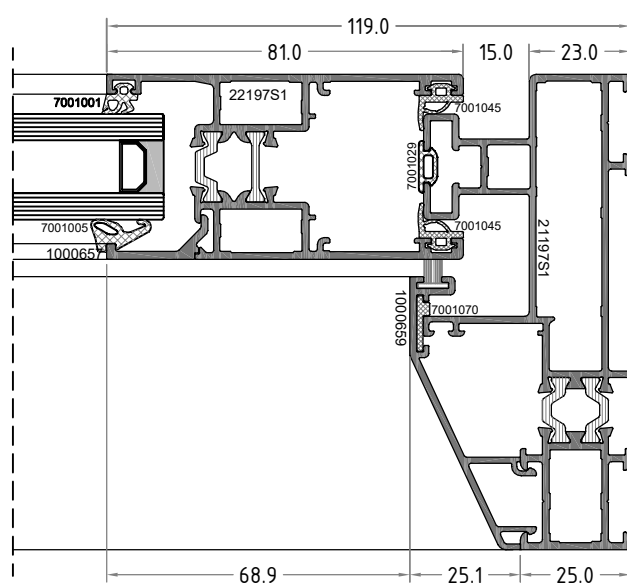
Section D



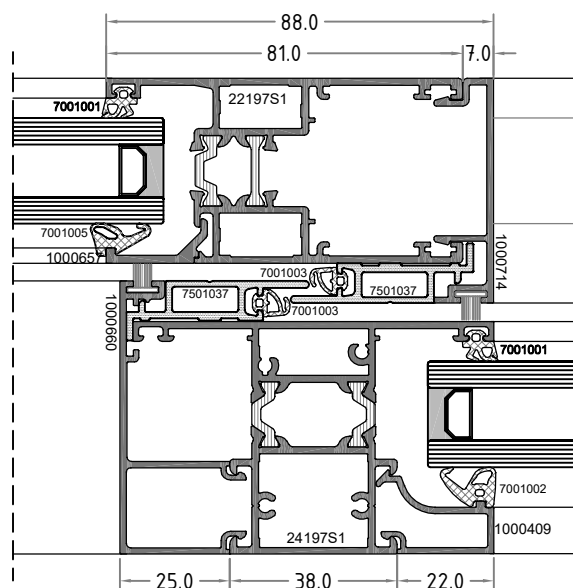
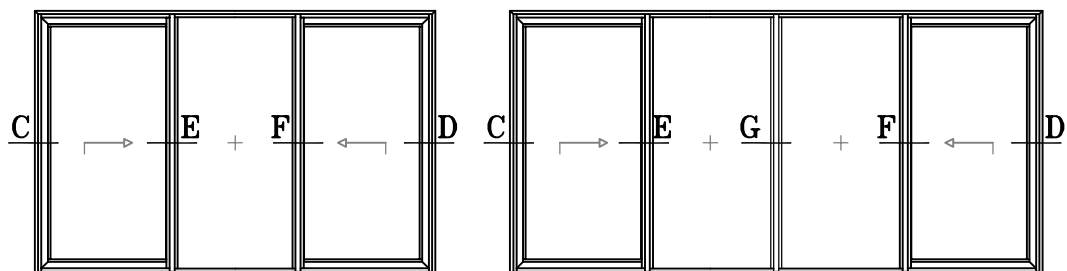
Section E



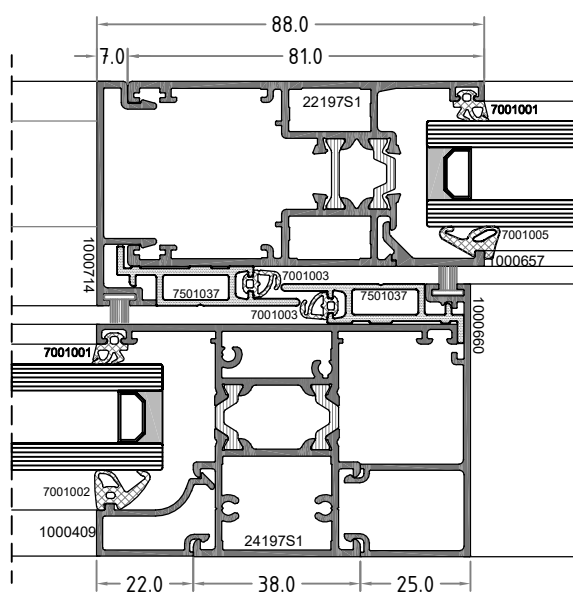
Section C



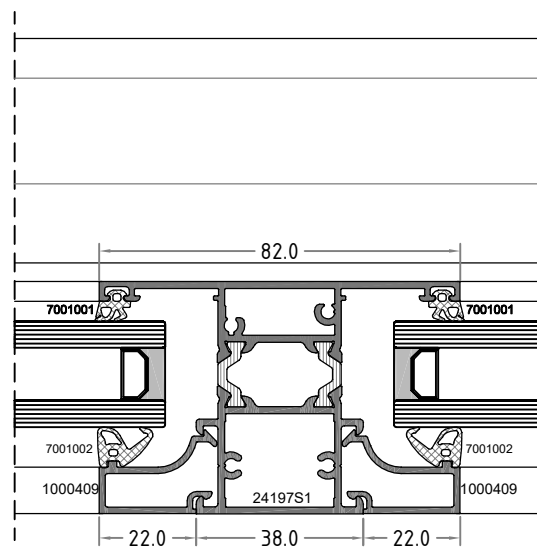
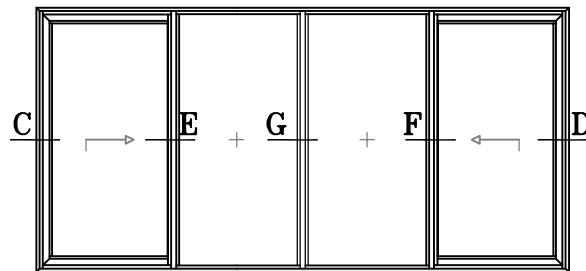
Section D



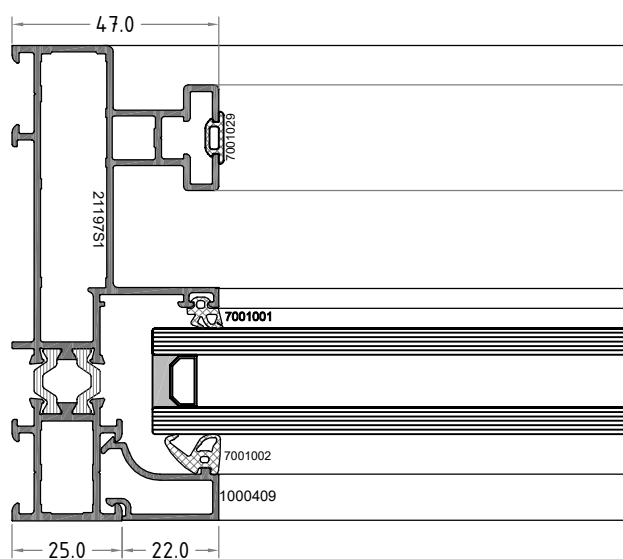
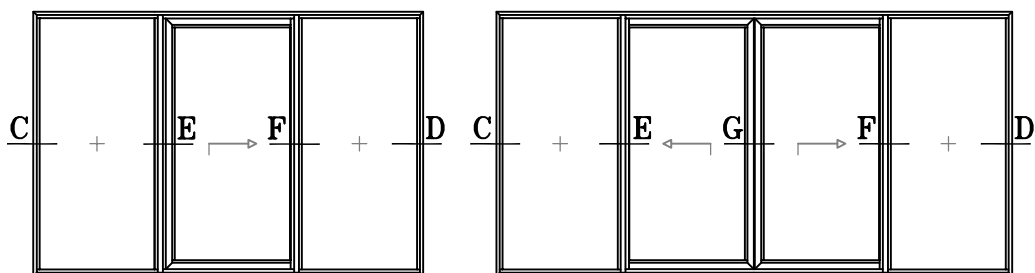
Section E



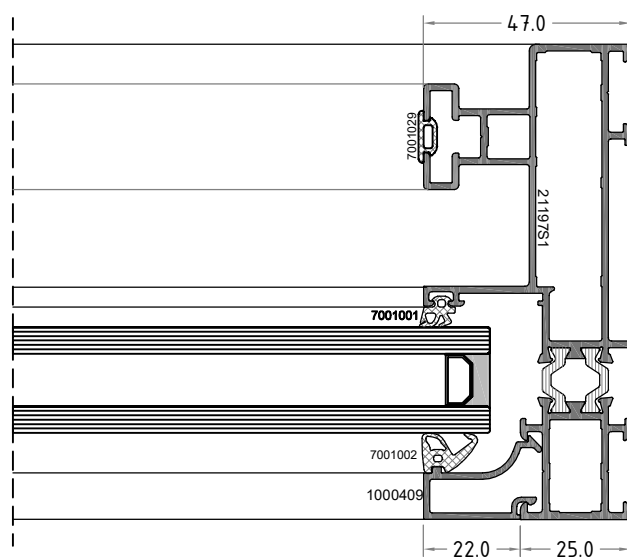
Section F



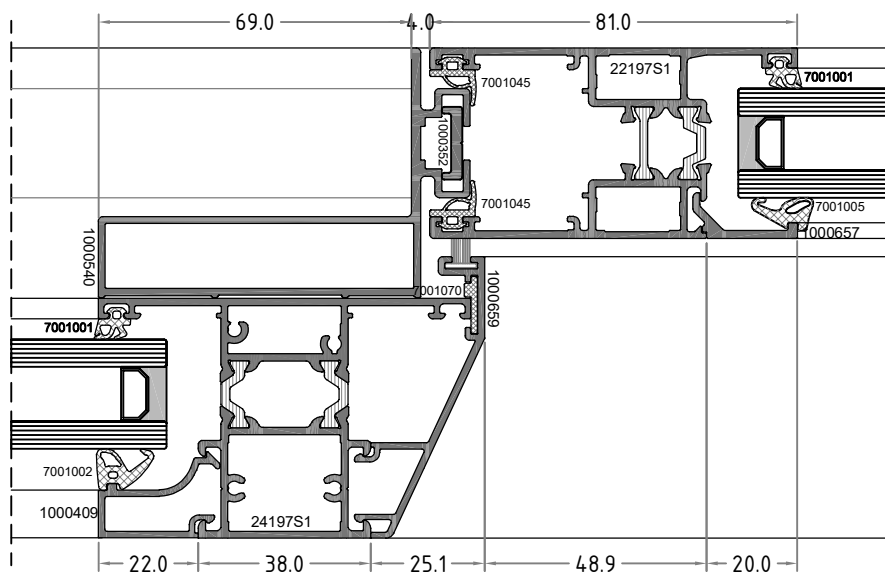
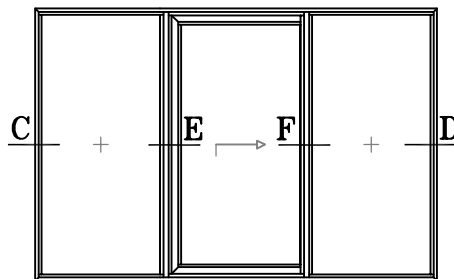
Section G



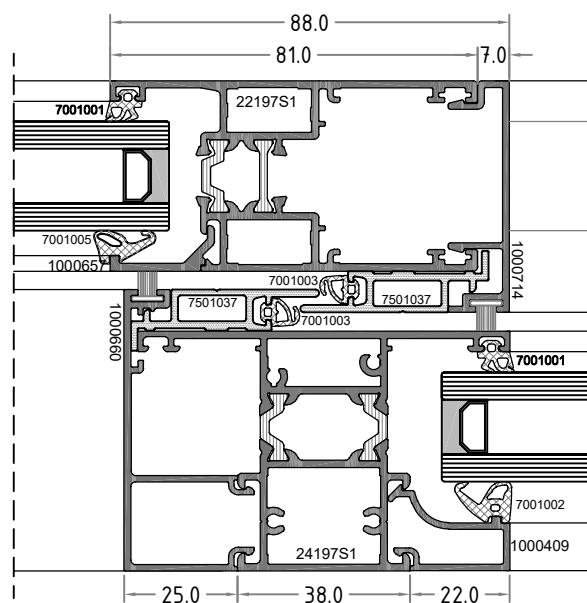
Section C



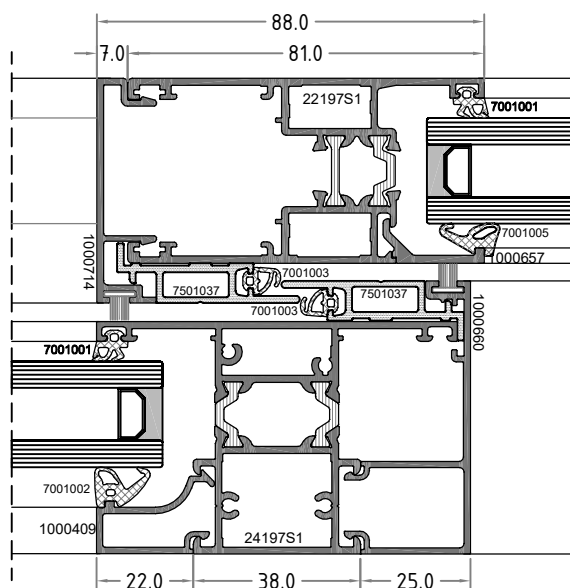
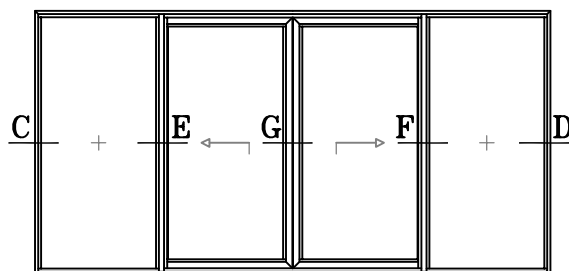
Section D



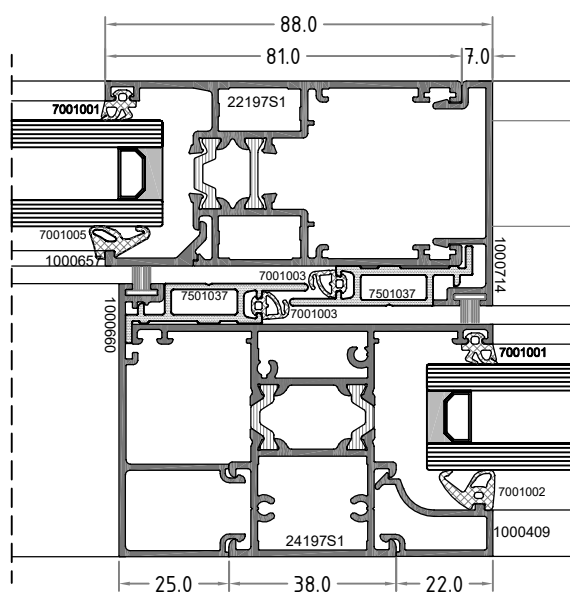
Section E



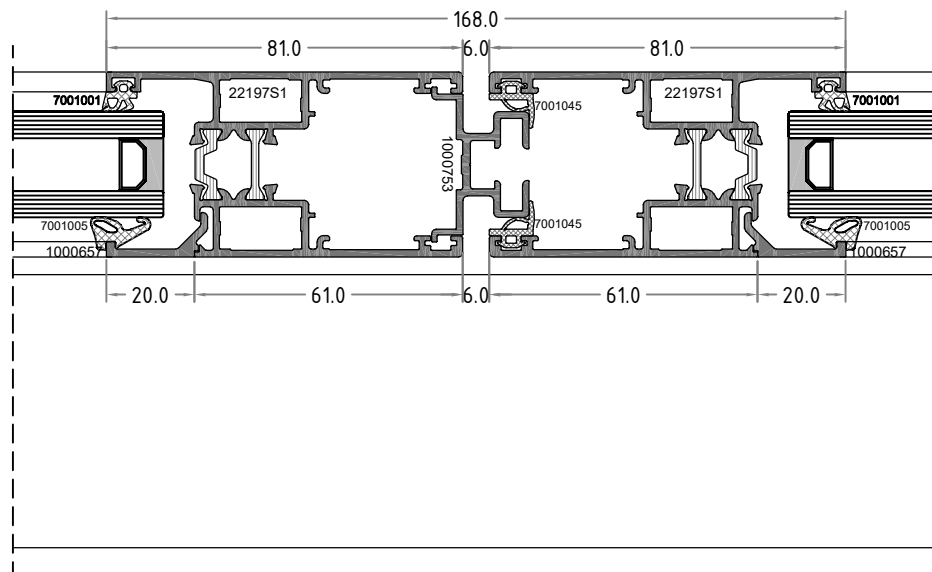
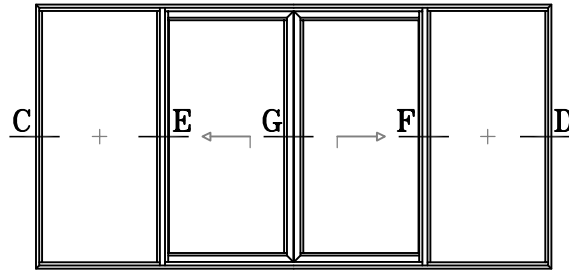
Section F



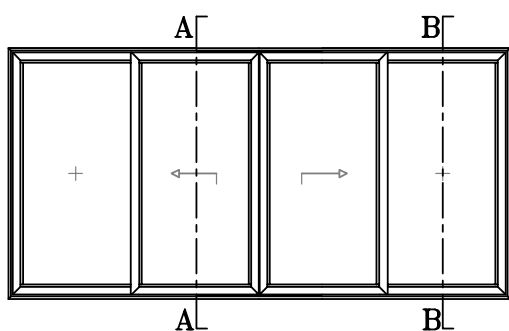
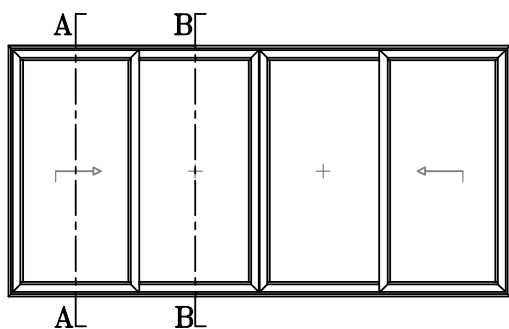
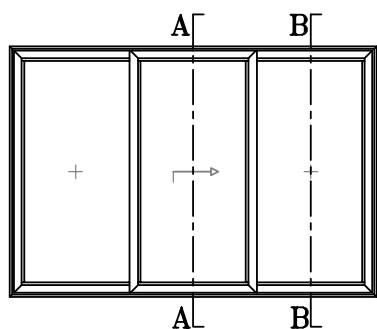
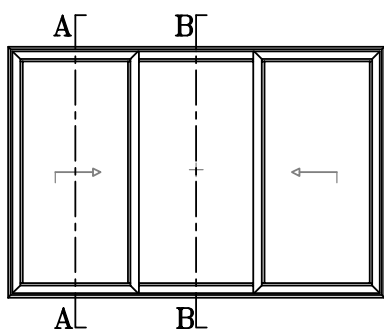
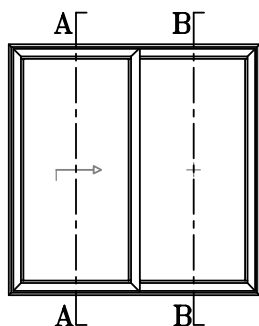
Section E



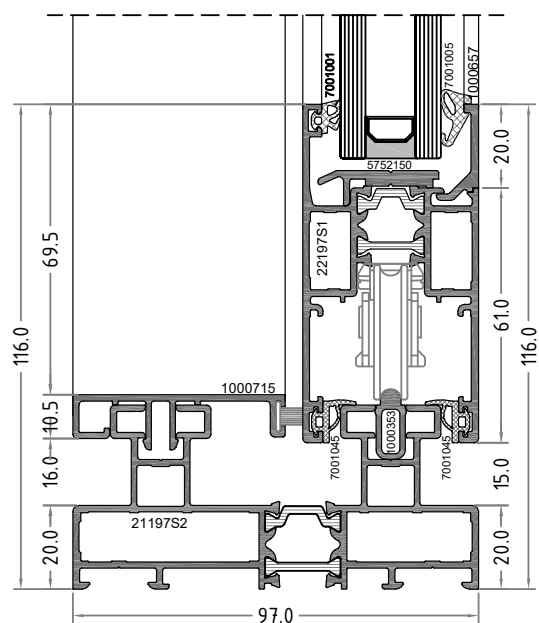
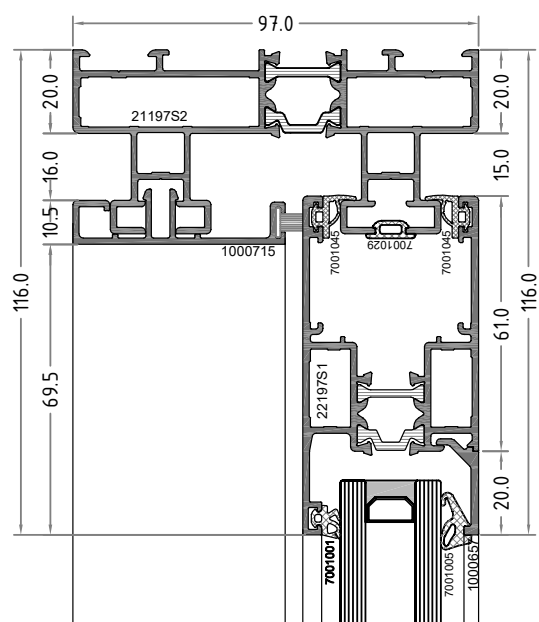
Section F



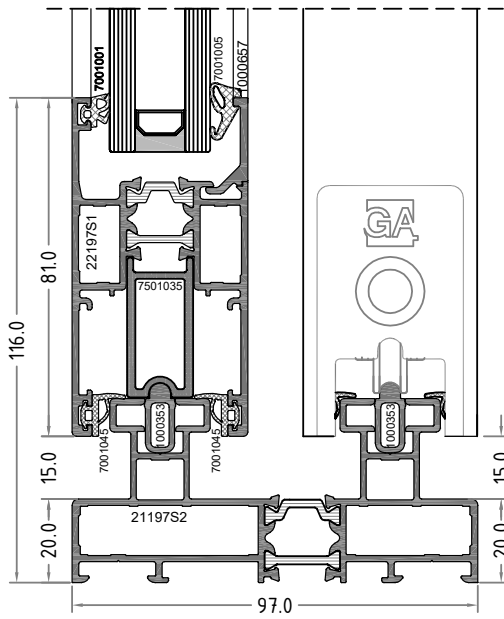
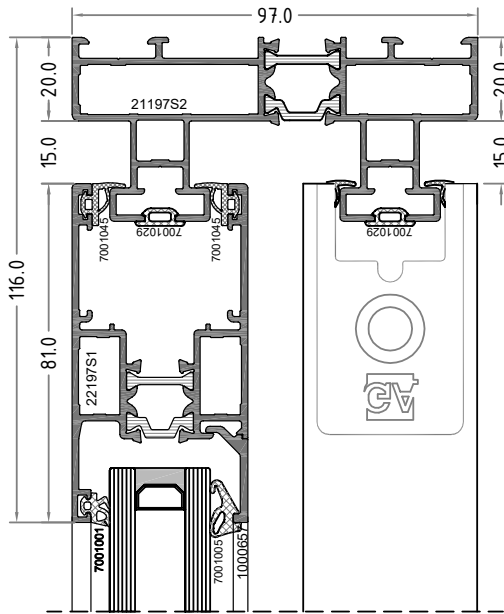
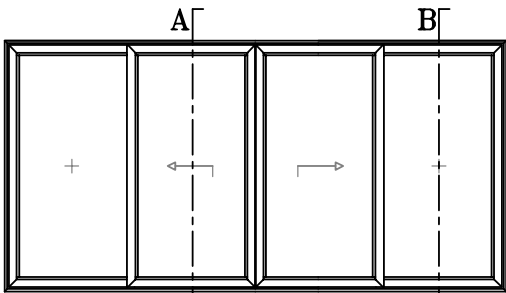
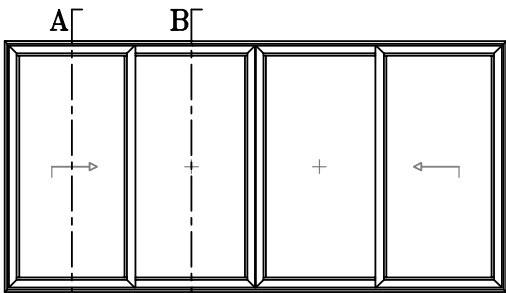
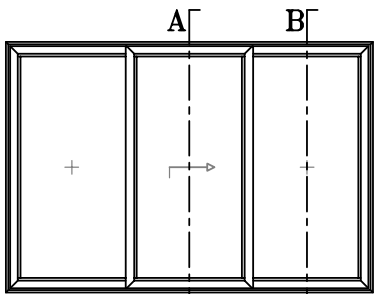
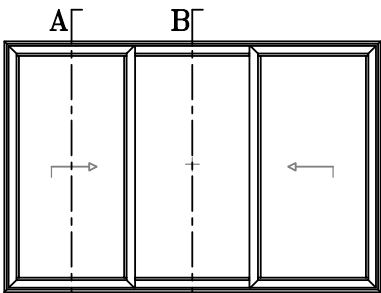
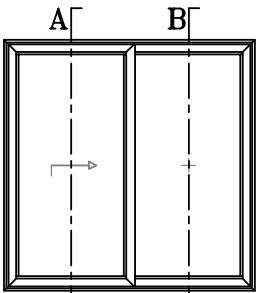
Section G



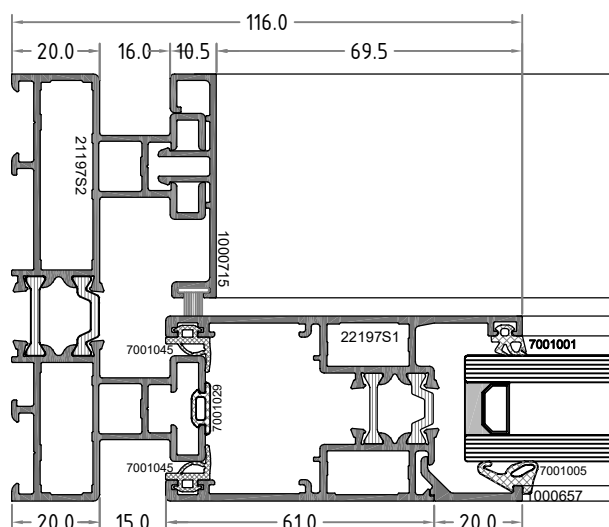
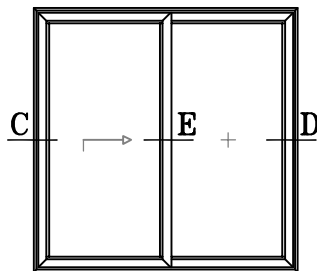
Section A-A



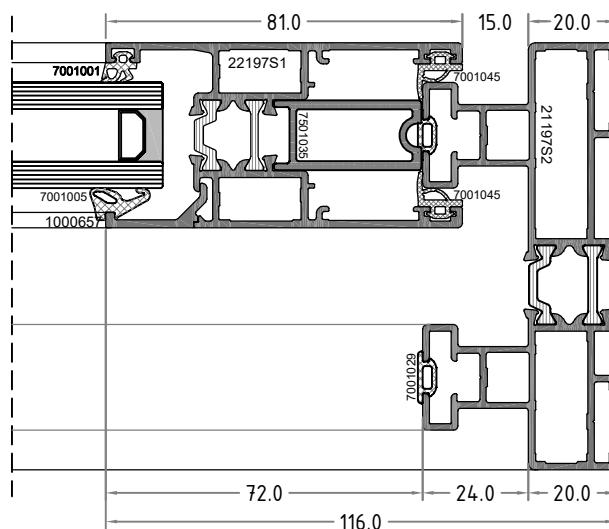
SECTIONS



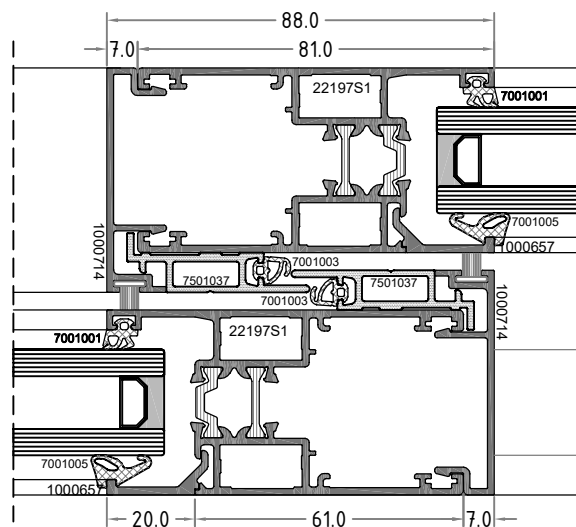
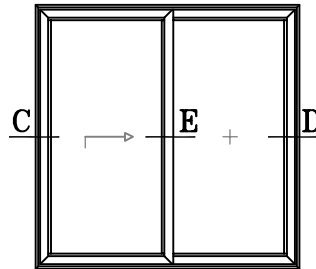
Section B-B



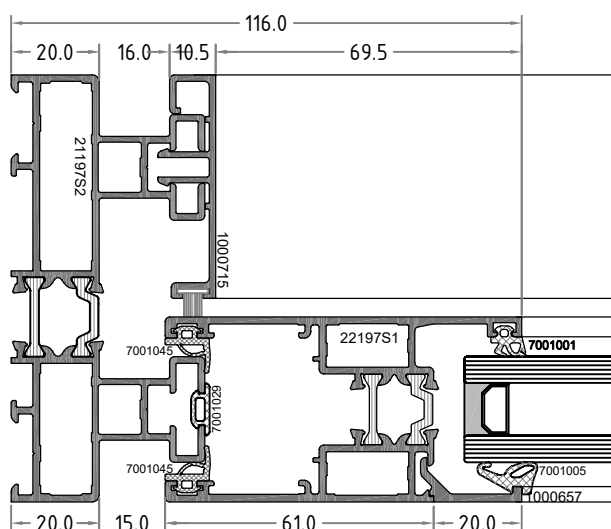
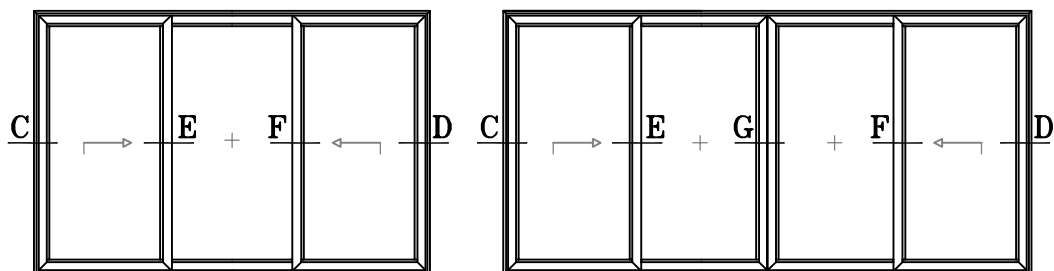
Section C



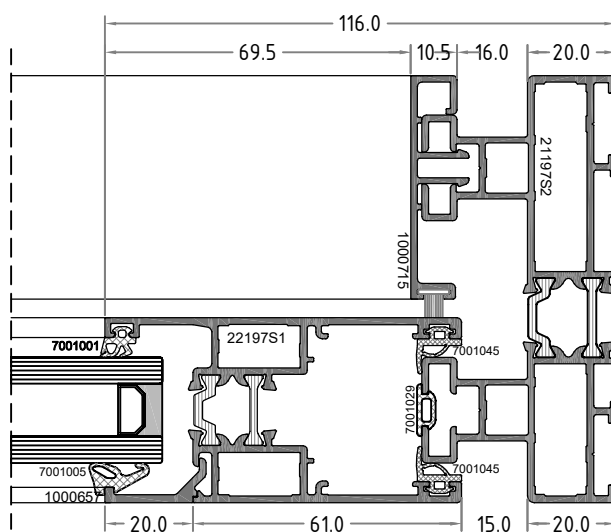
Section D



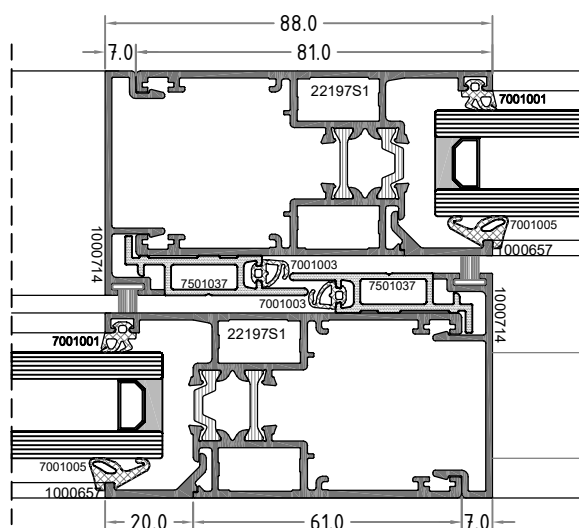
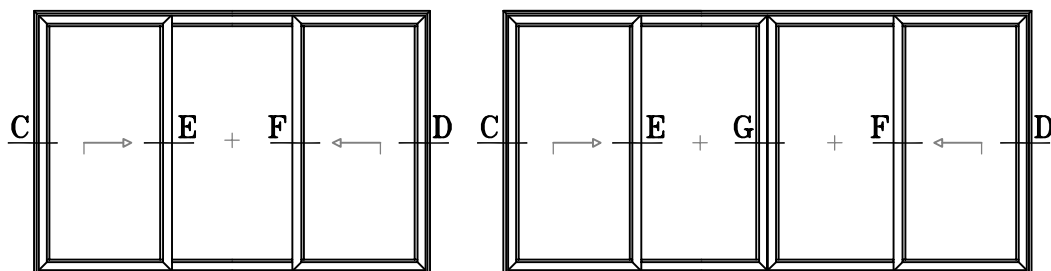
Section E



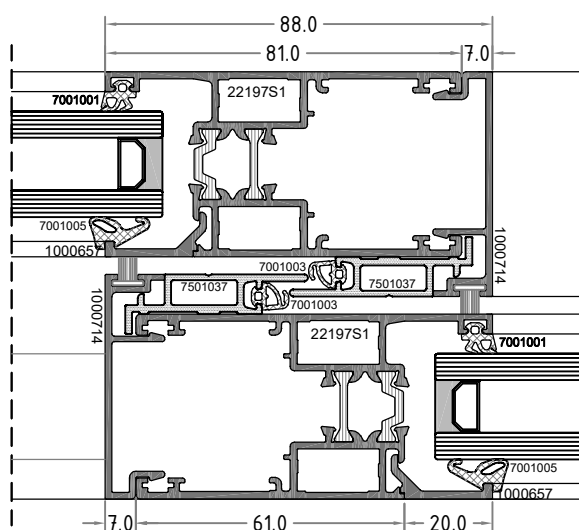
Section C



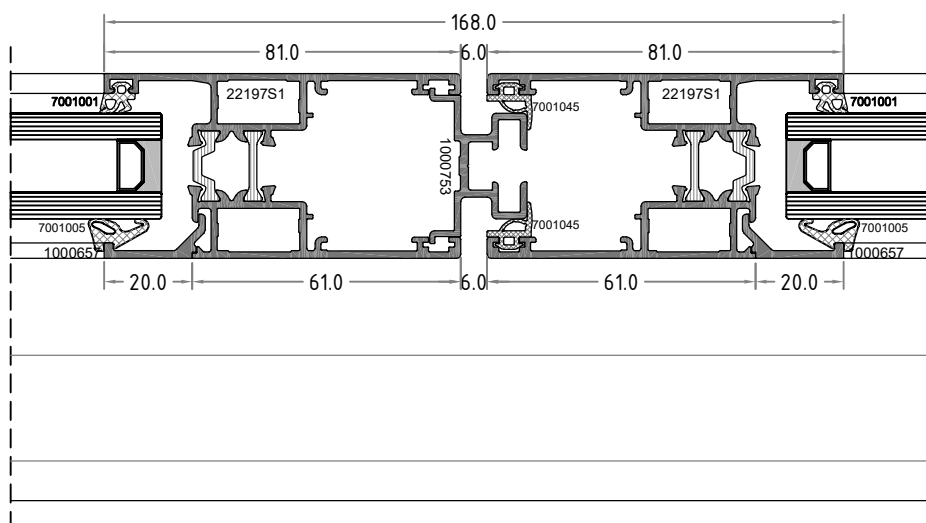
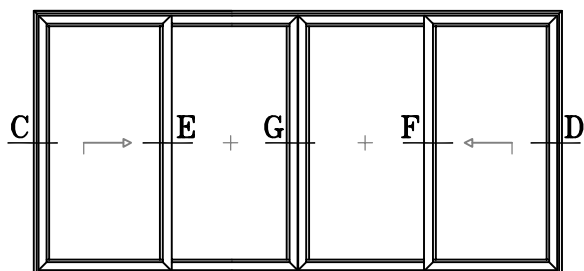
Section D



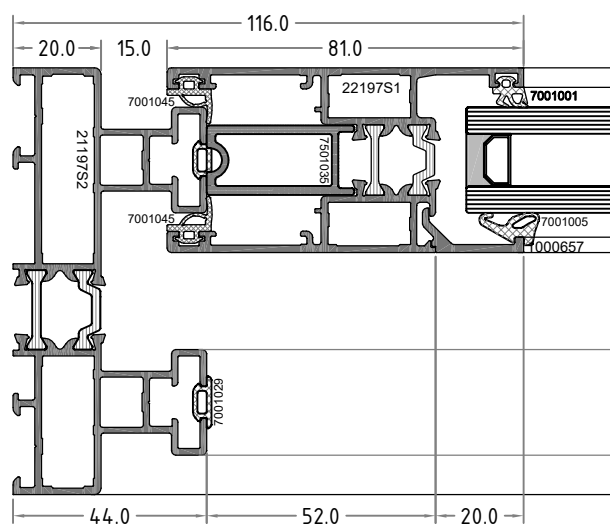
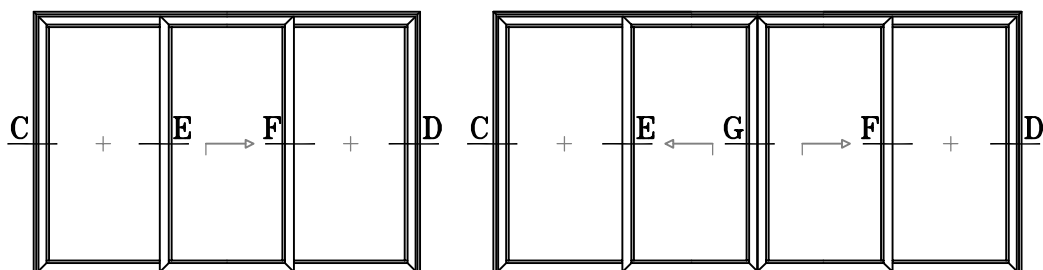
Section E



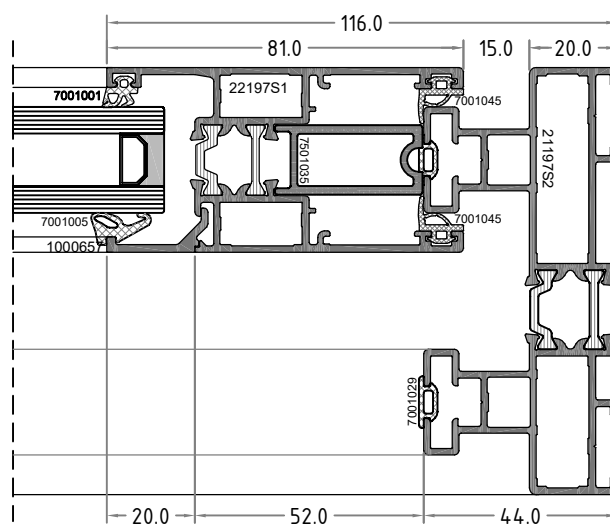
Section F



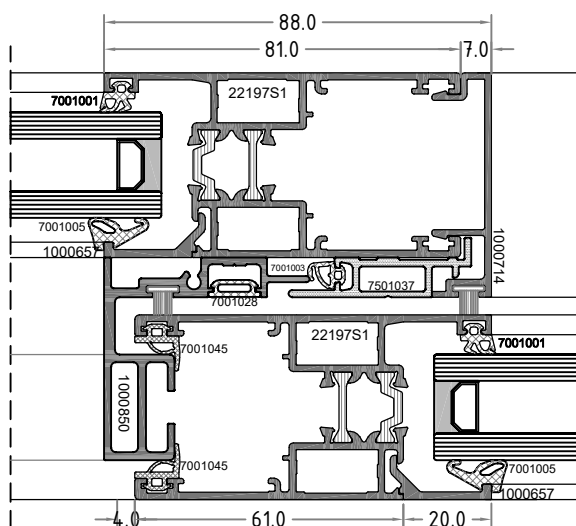
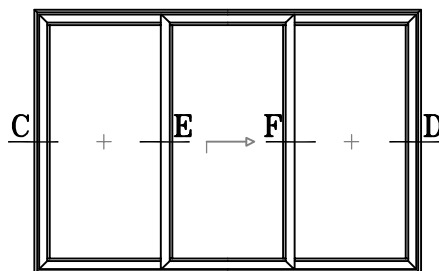
Section G



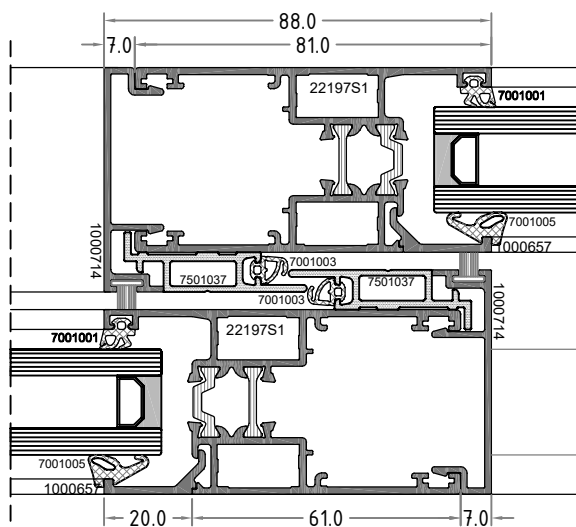
Section C



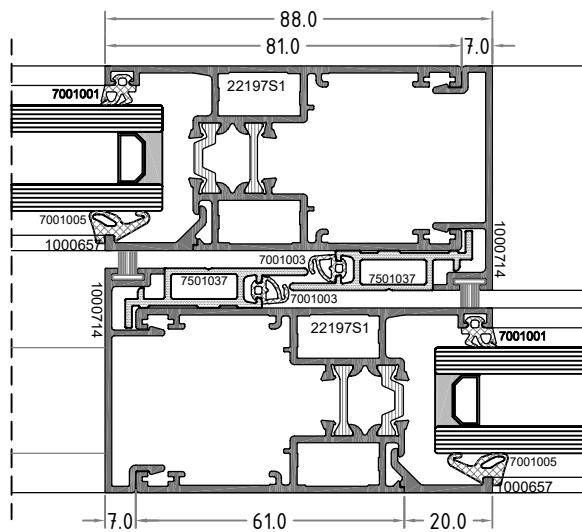
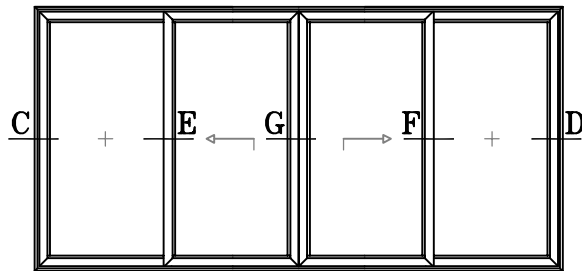
Section D



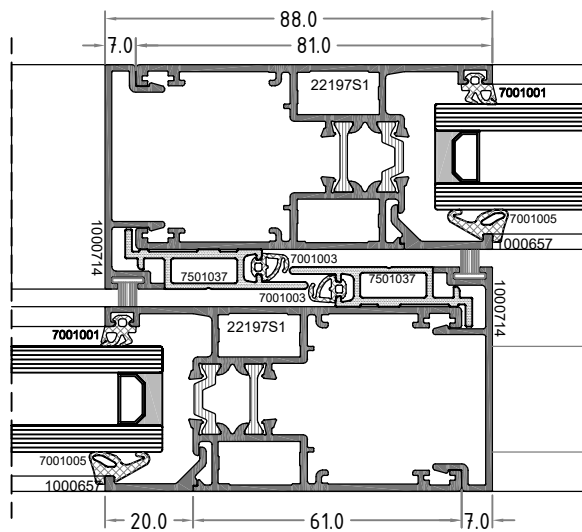
Section E



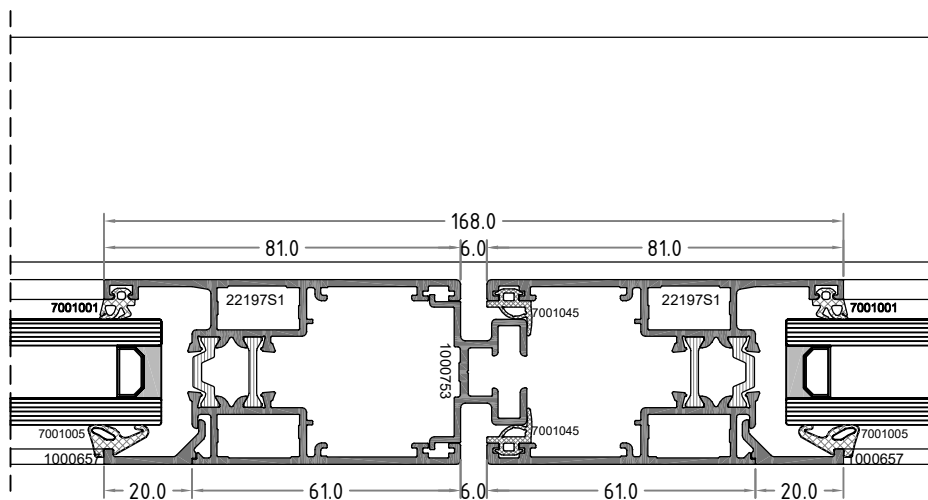
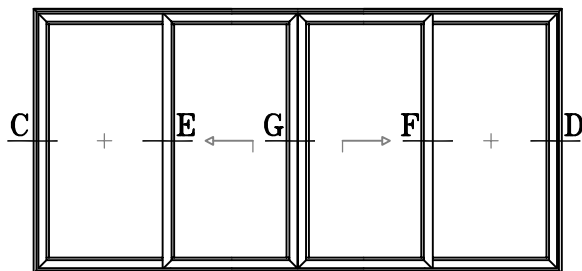
Section F



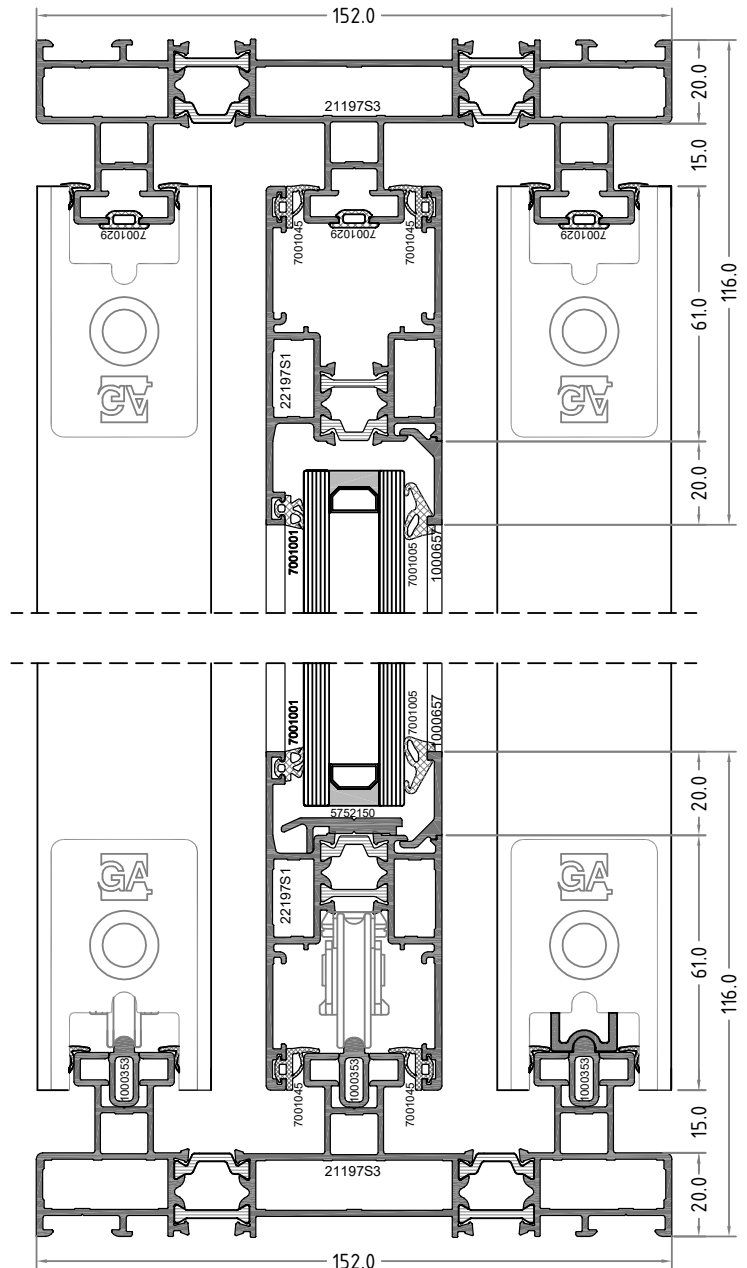
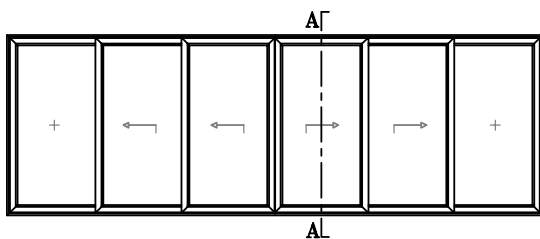
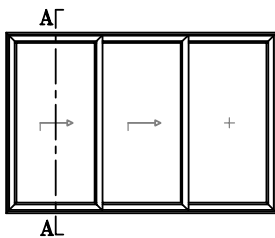
Section E



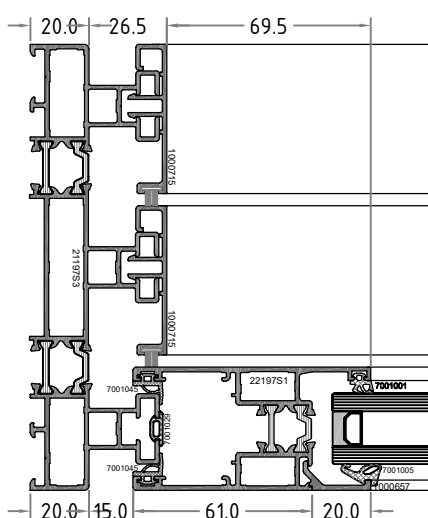
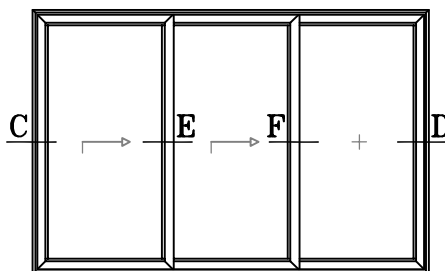
Section F



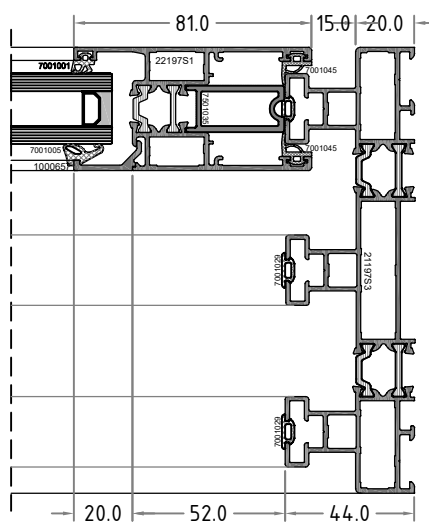
Section G



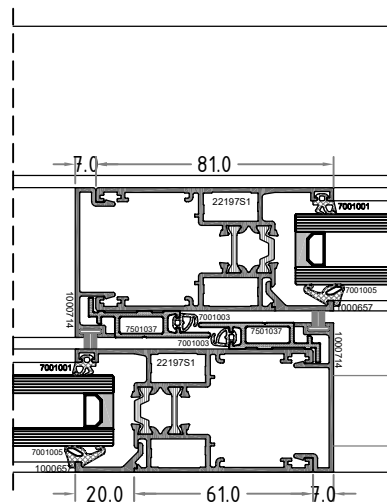
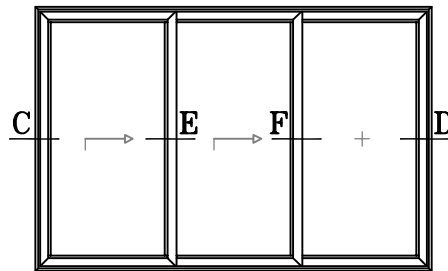
Section A-A



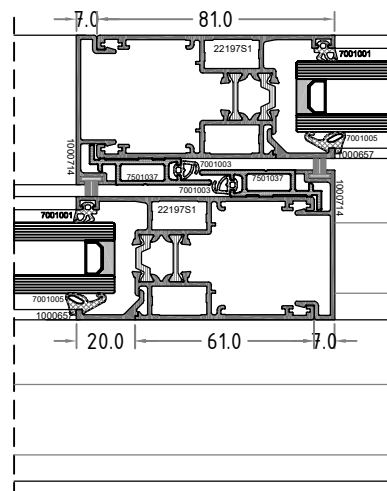
Section C



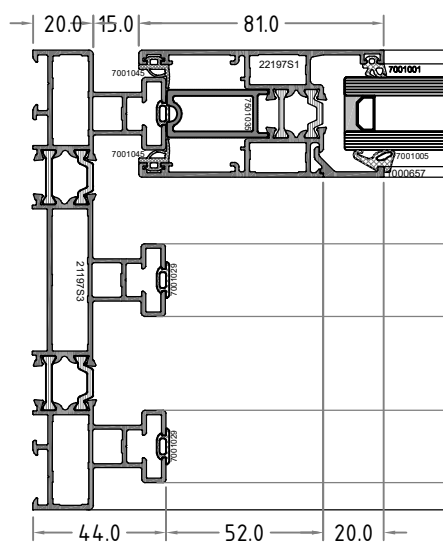
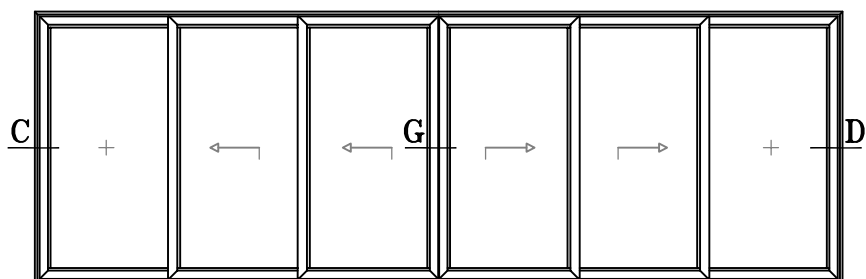
Section D



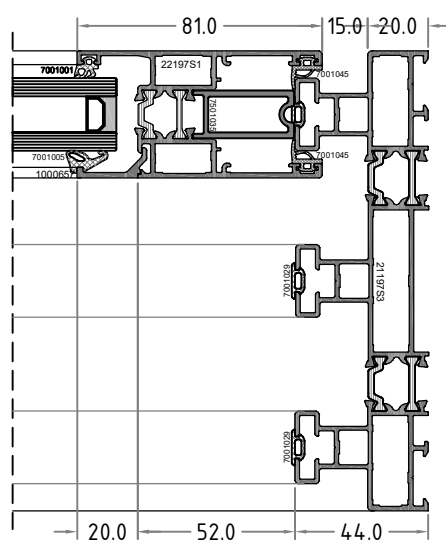
Section E



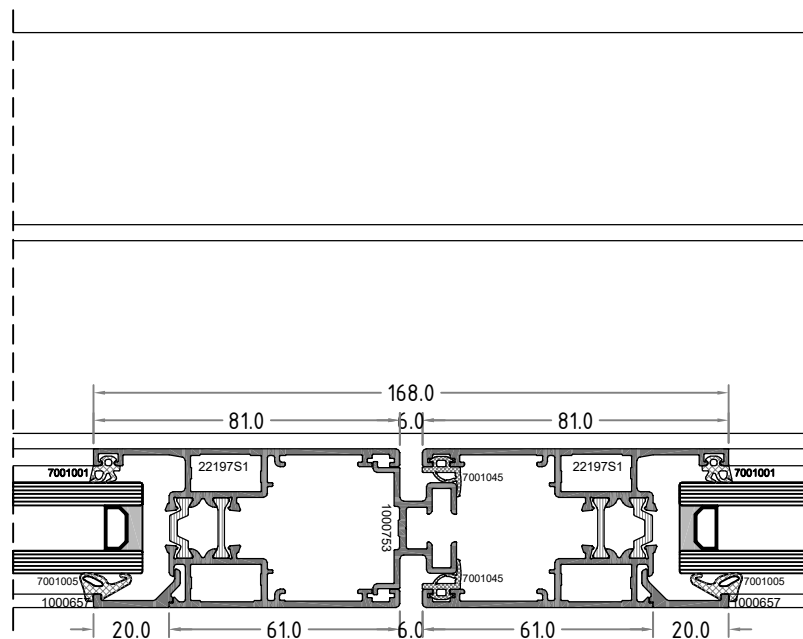
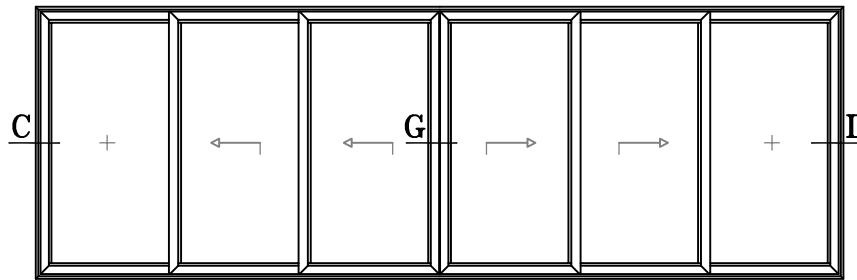
Section F



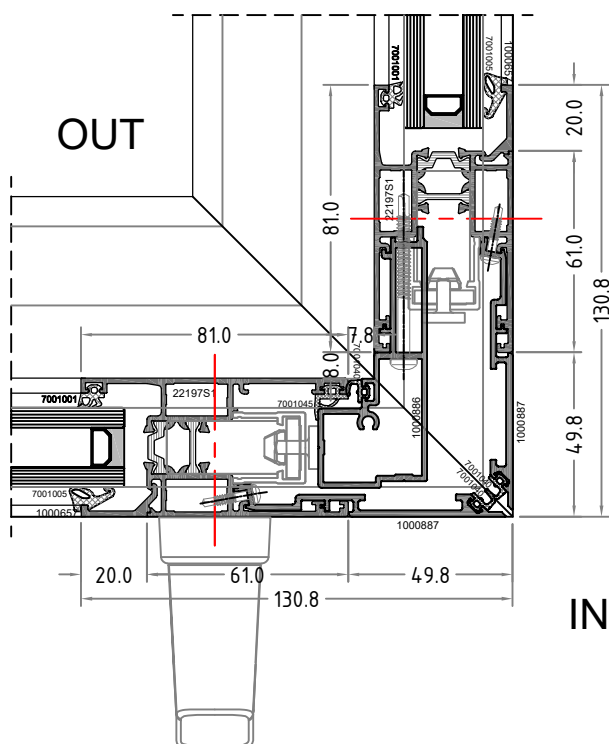
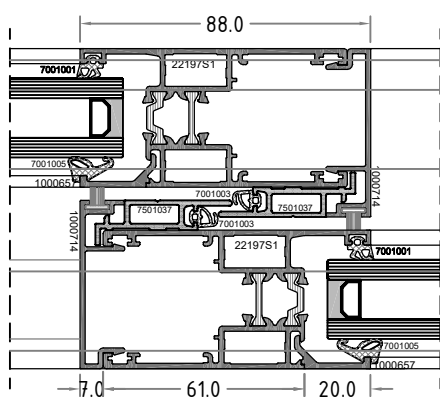
Section C

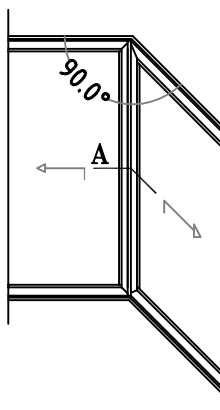
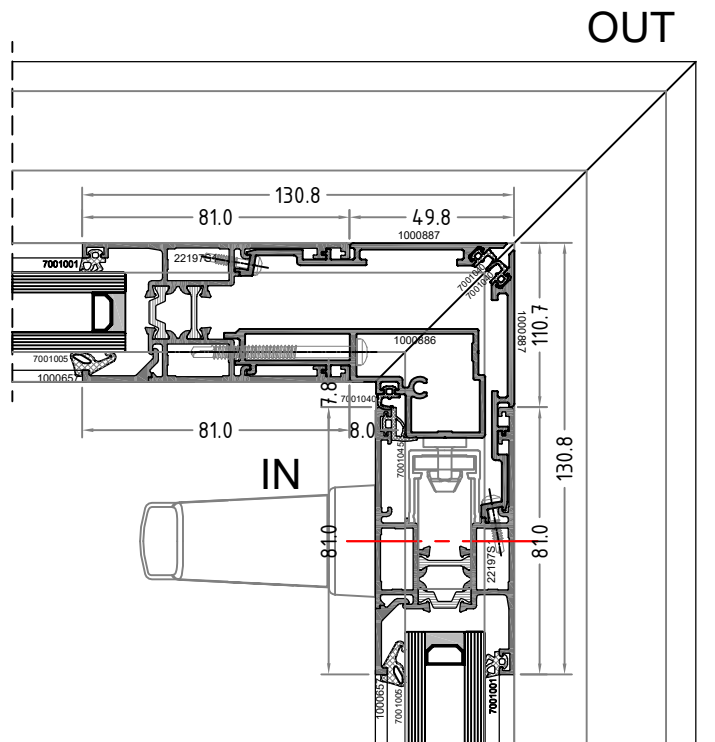
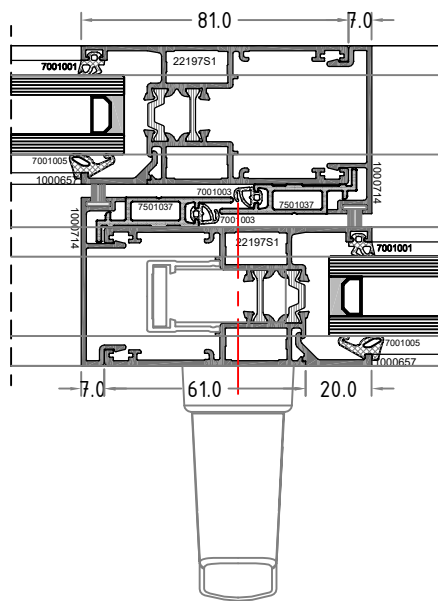


Section D

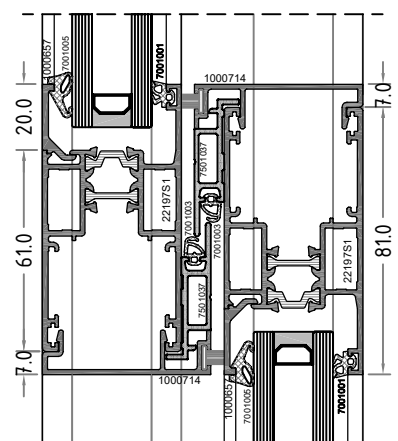


Section G

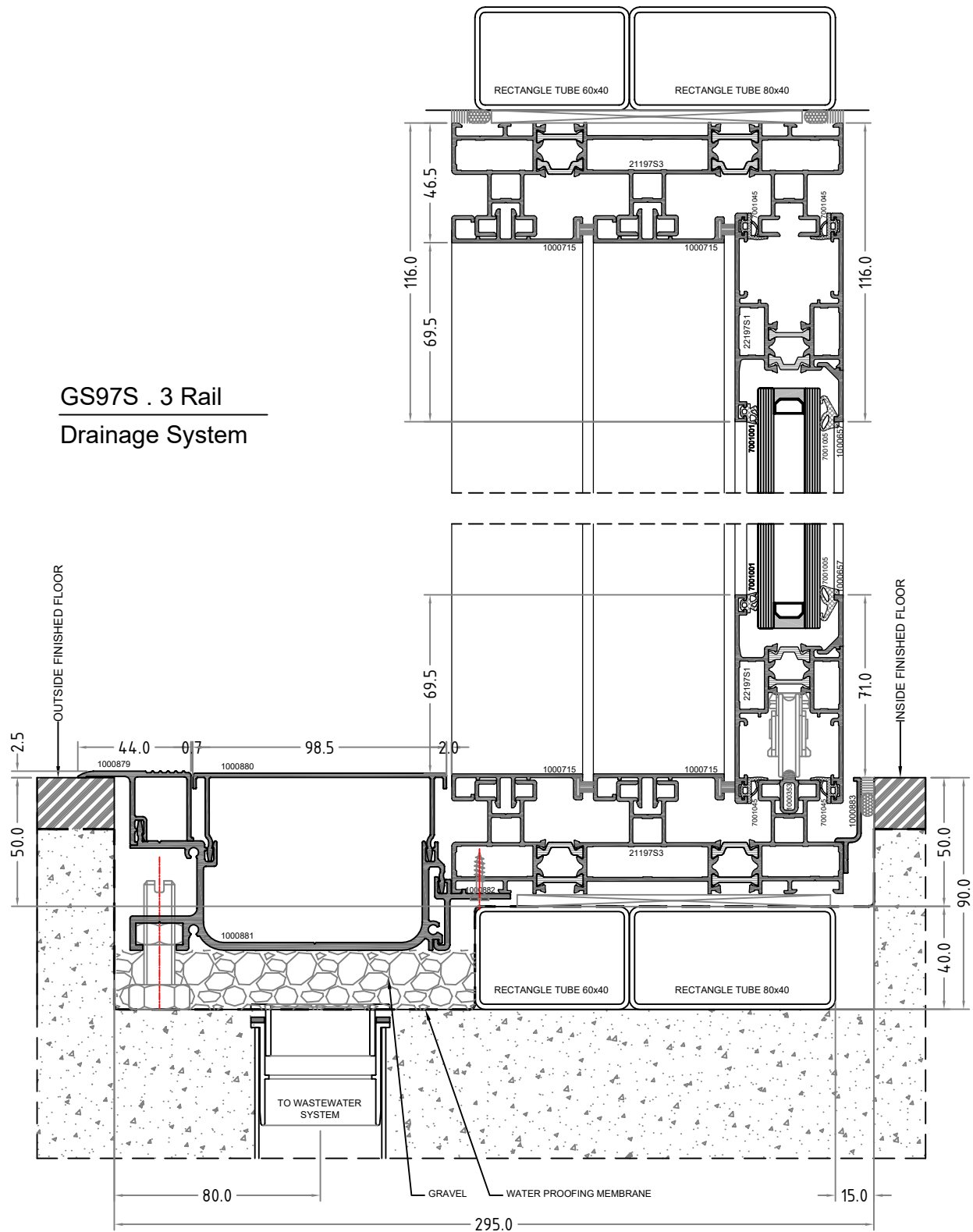




Section A-A
Outer Corner

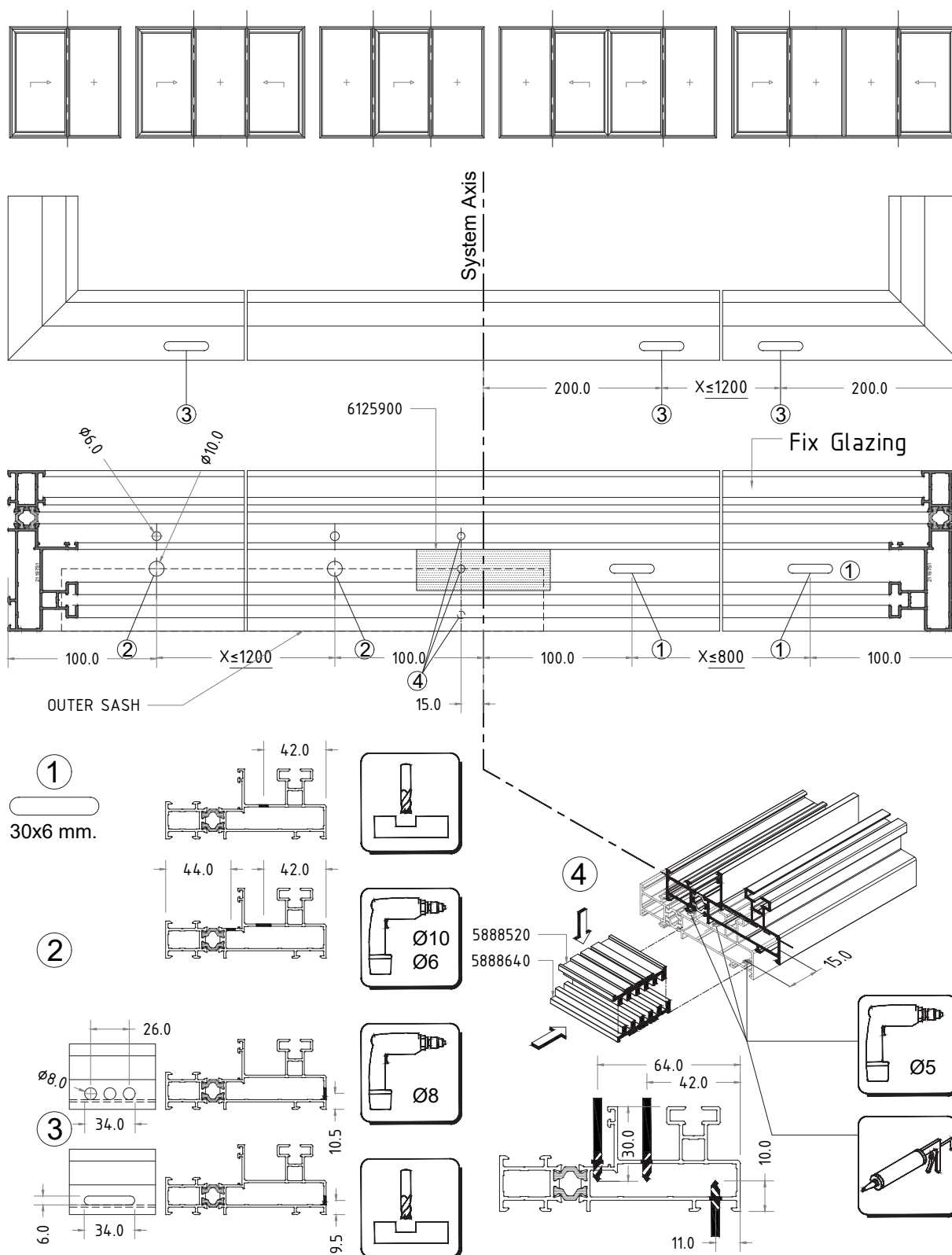


GS97S . 3 Rail
Drainage System



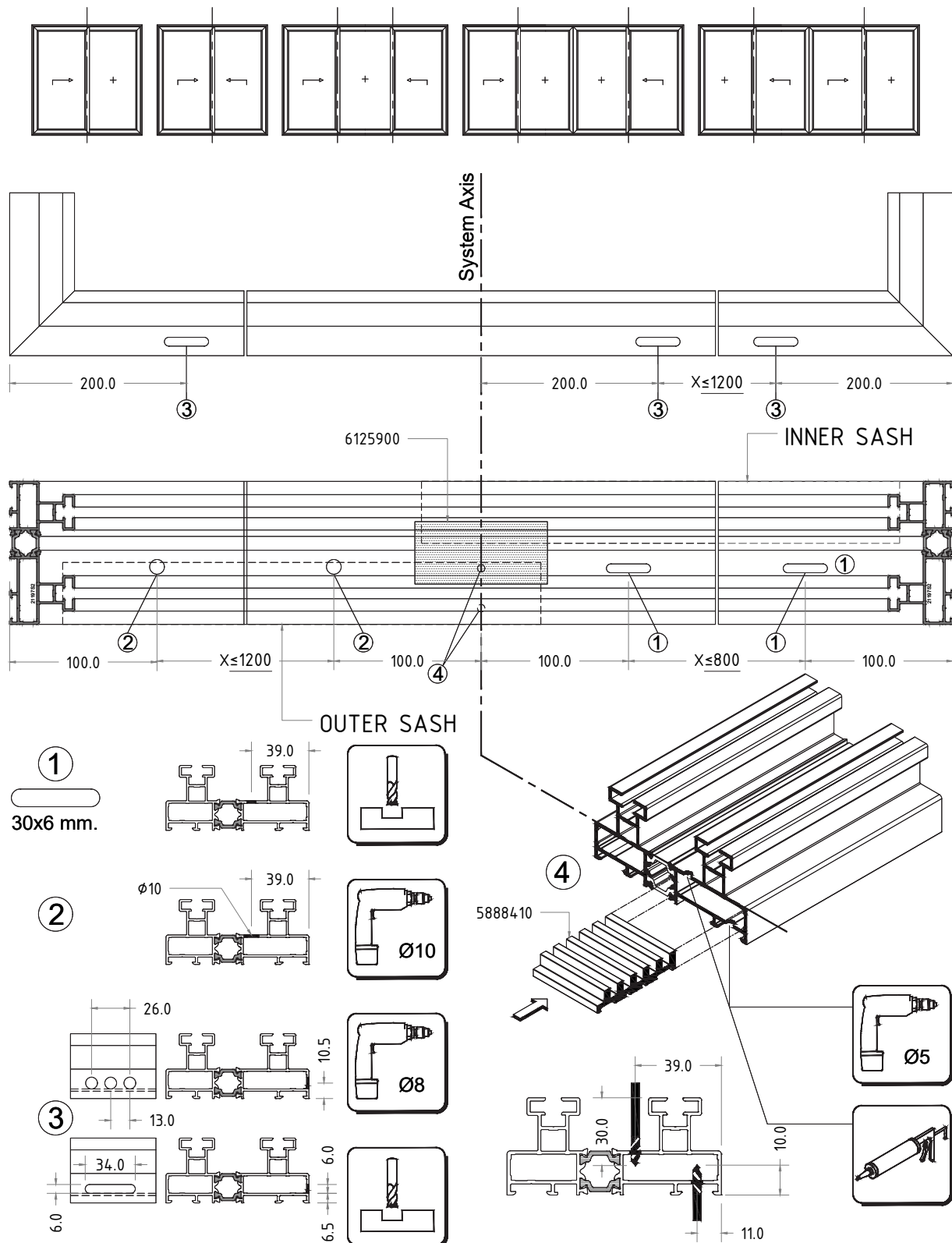
Processing Data

Drainage Detail
Frame no. 21197S1



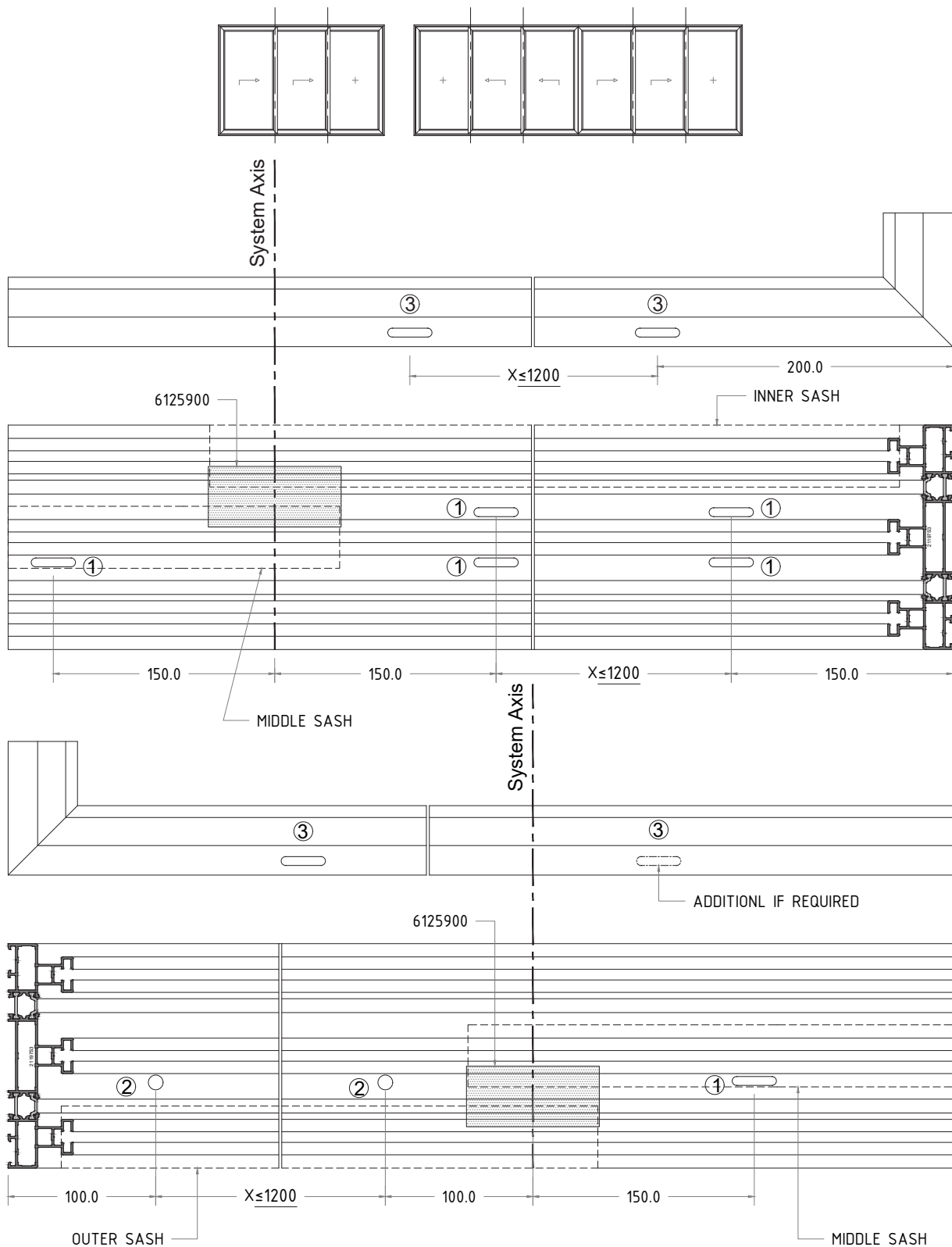
Processing Data

Drainage Detail Frame no. 21197S2



Processing Data

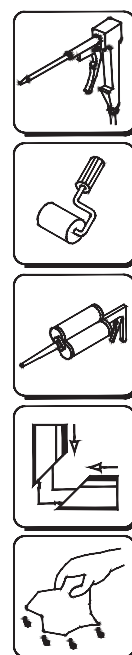
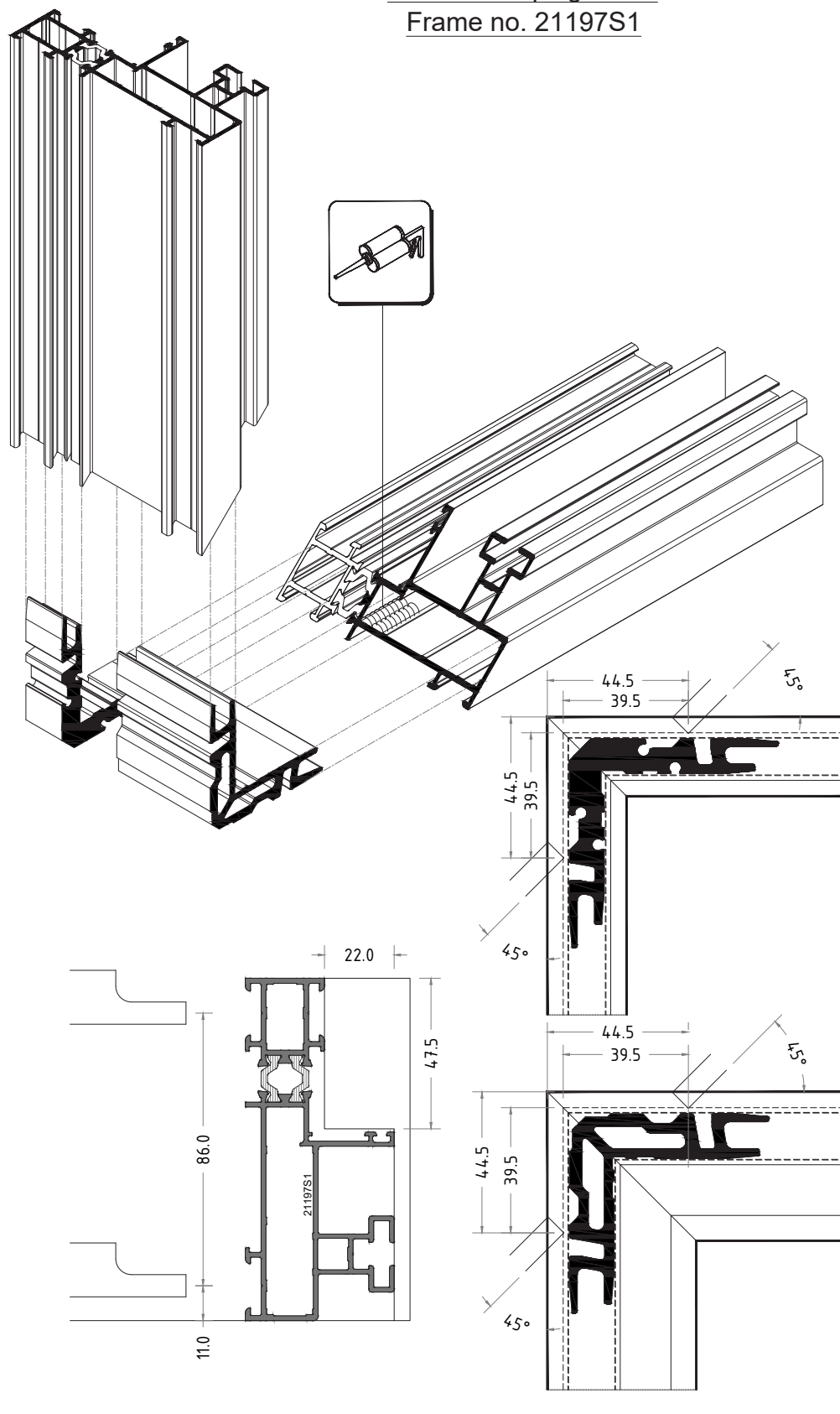
Drainage Detail
Frame no. 21197S3



Processing Data

Corner Crimping Detail

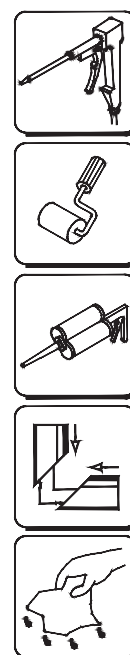
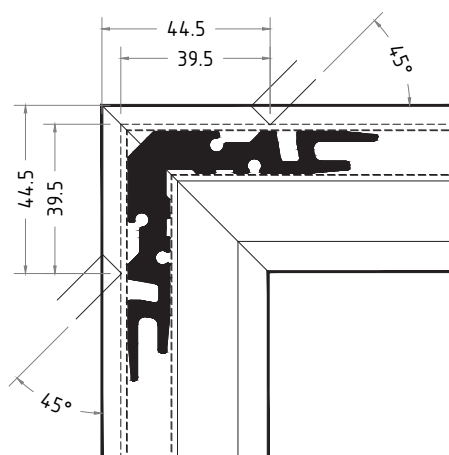
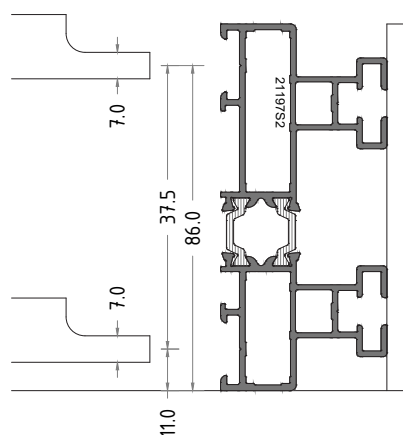
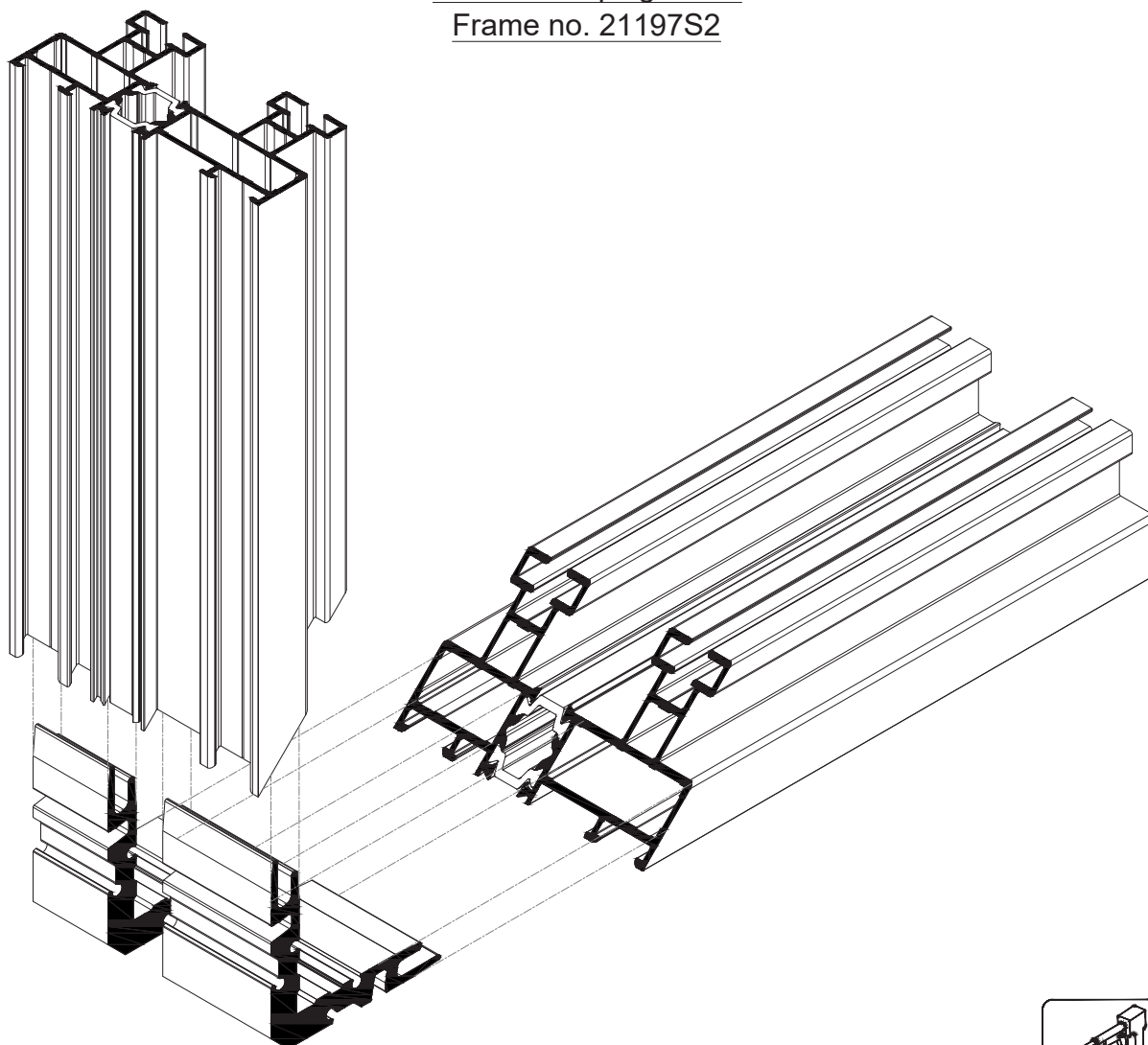
Frame no. 21197S1



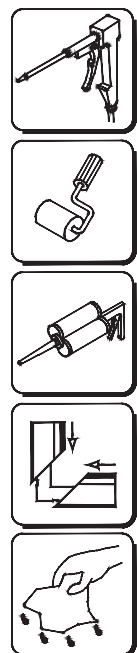
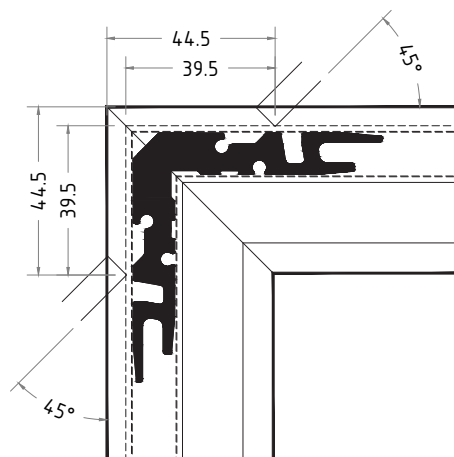
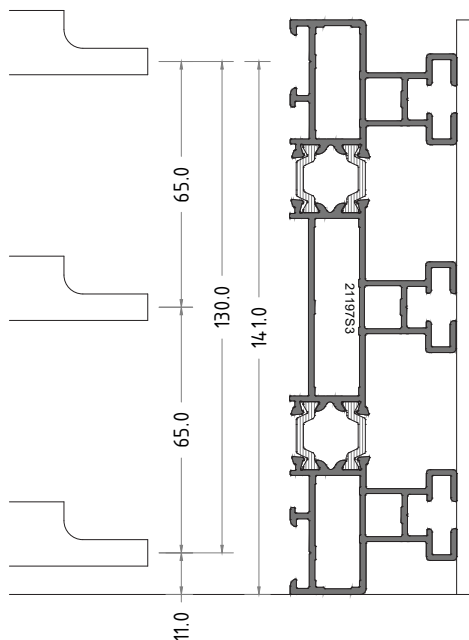
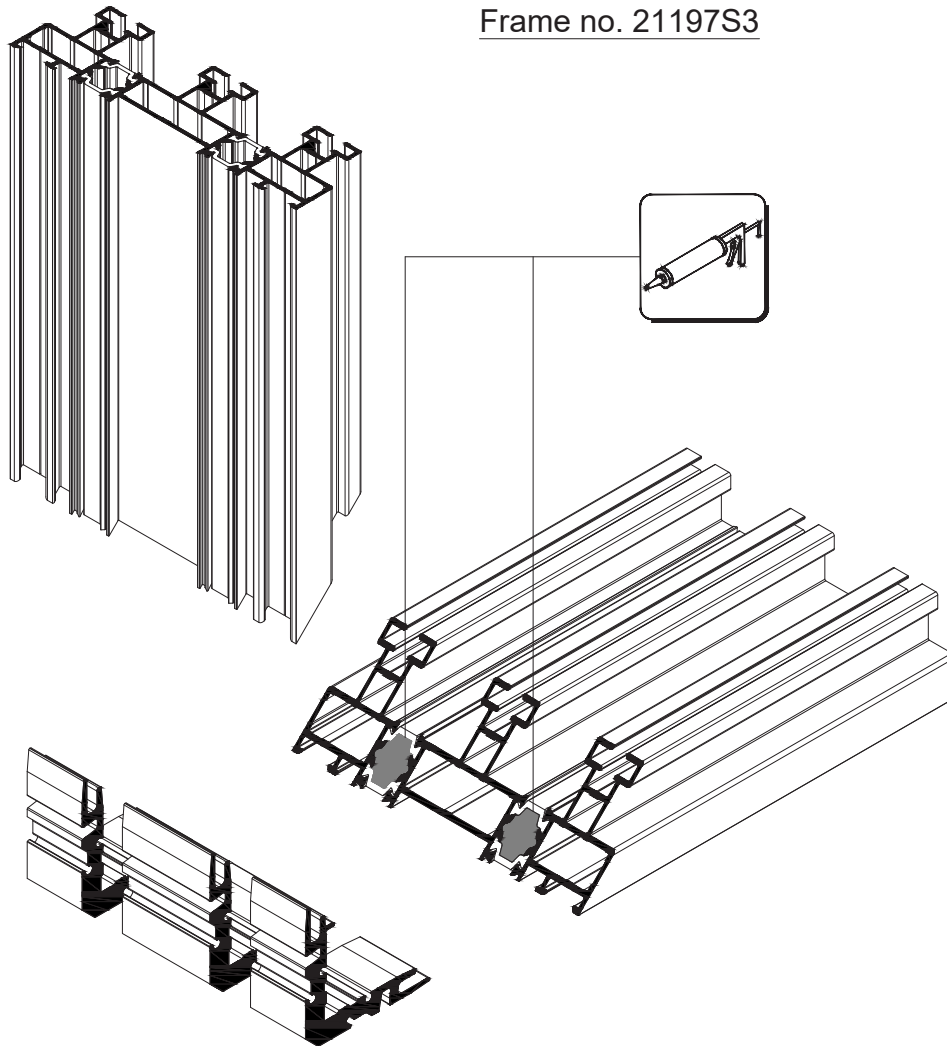
Processing Data

Corner Crimping Detail

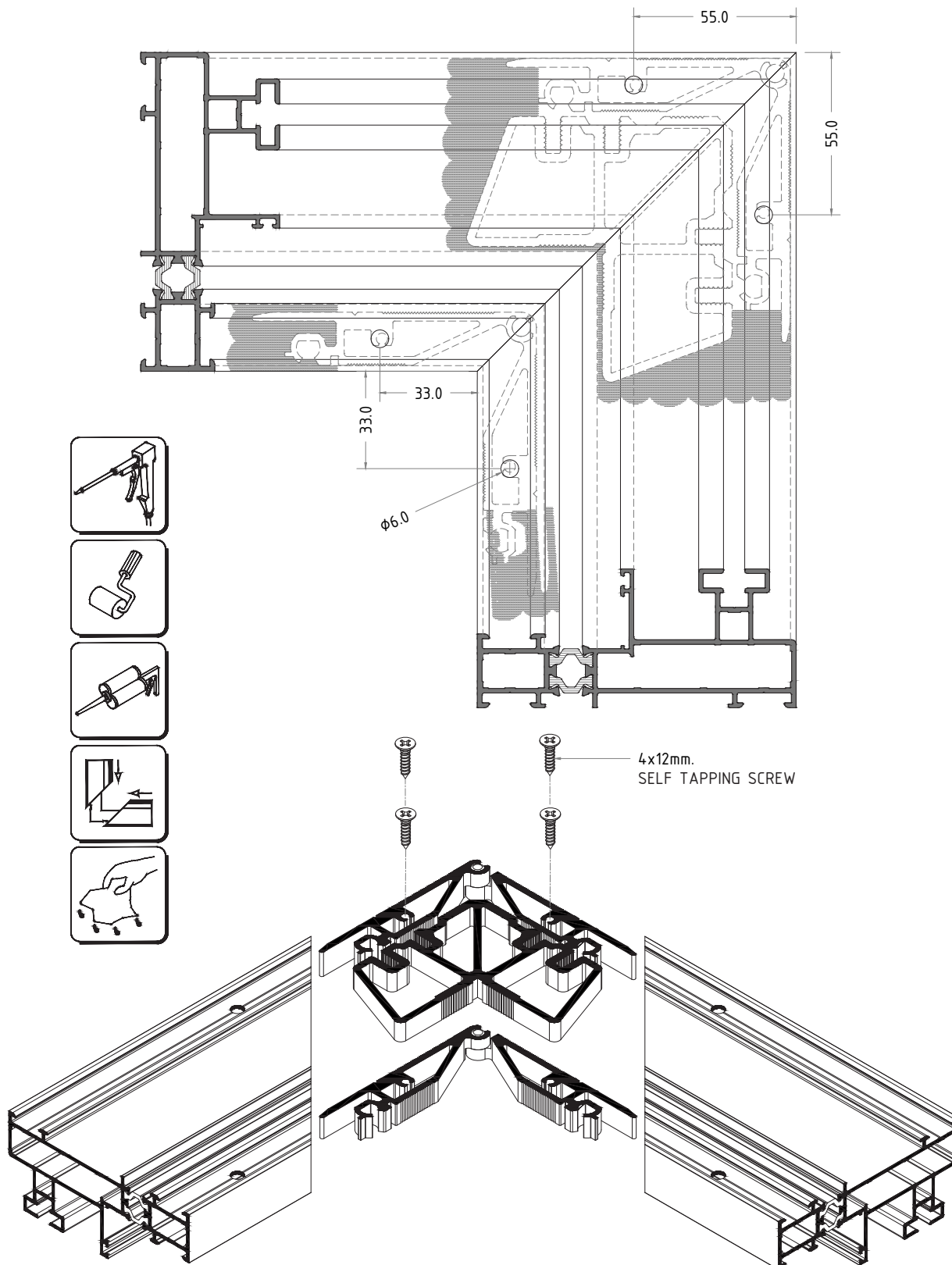
Frame no. 21197S2



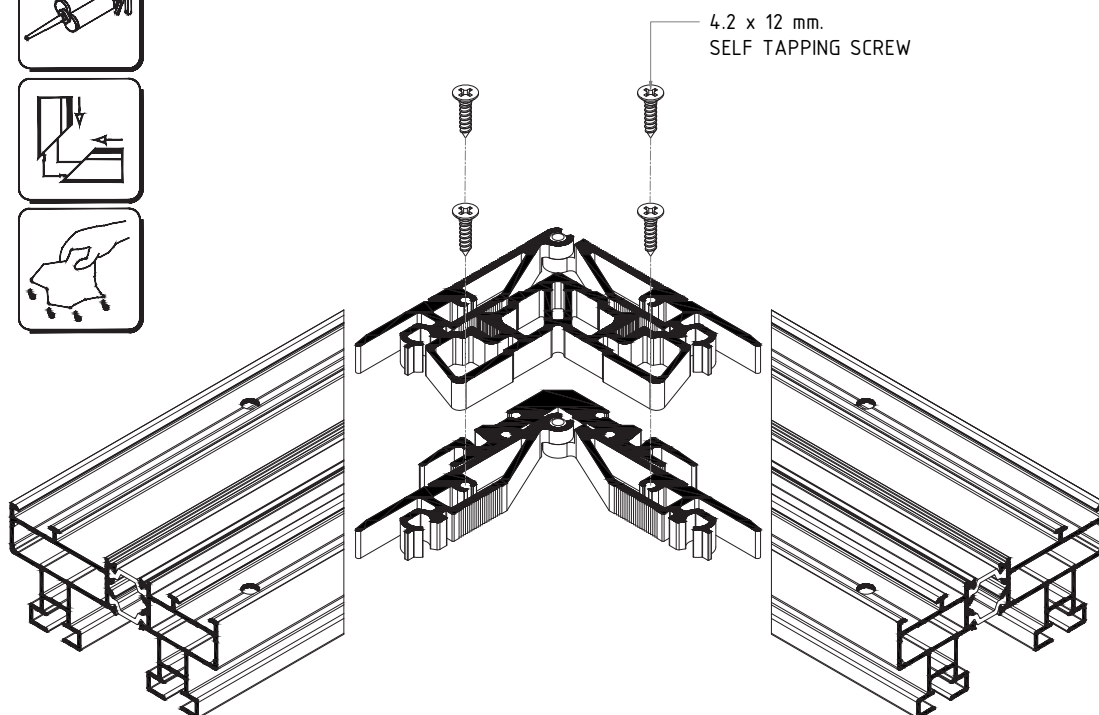
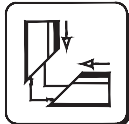
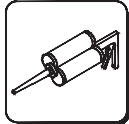
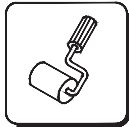
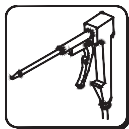
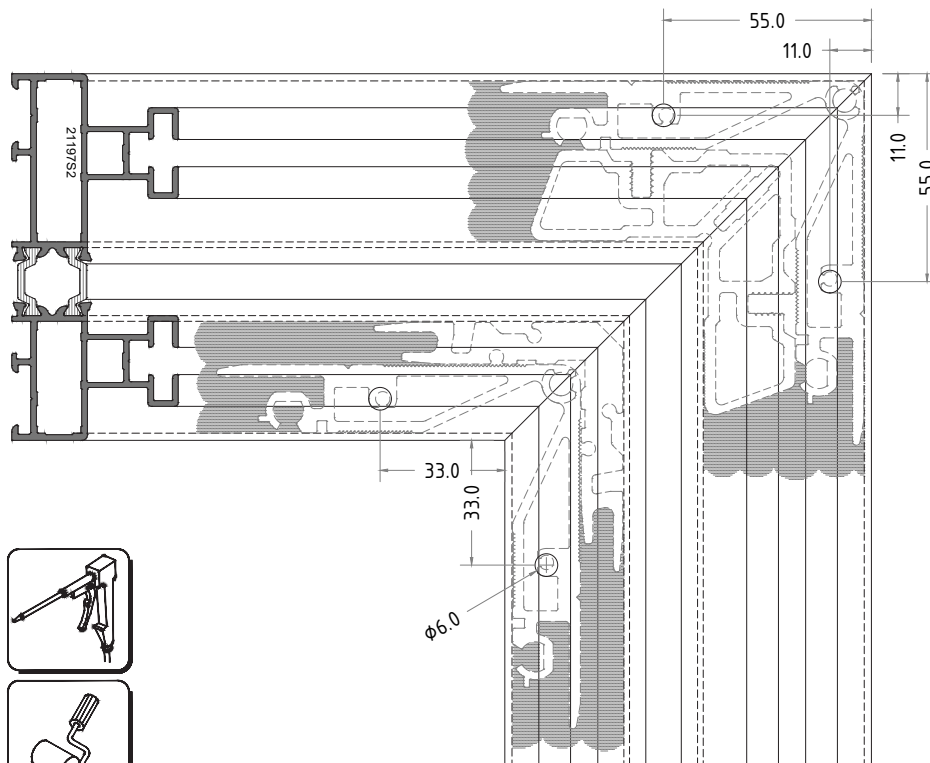
Processing Data
Corner Crimping Detail
Frame no. 21197S3



Processing Data
INNER Corner Assembly Detail
Frame Number 21197S1



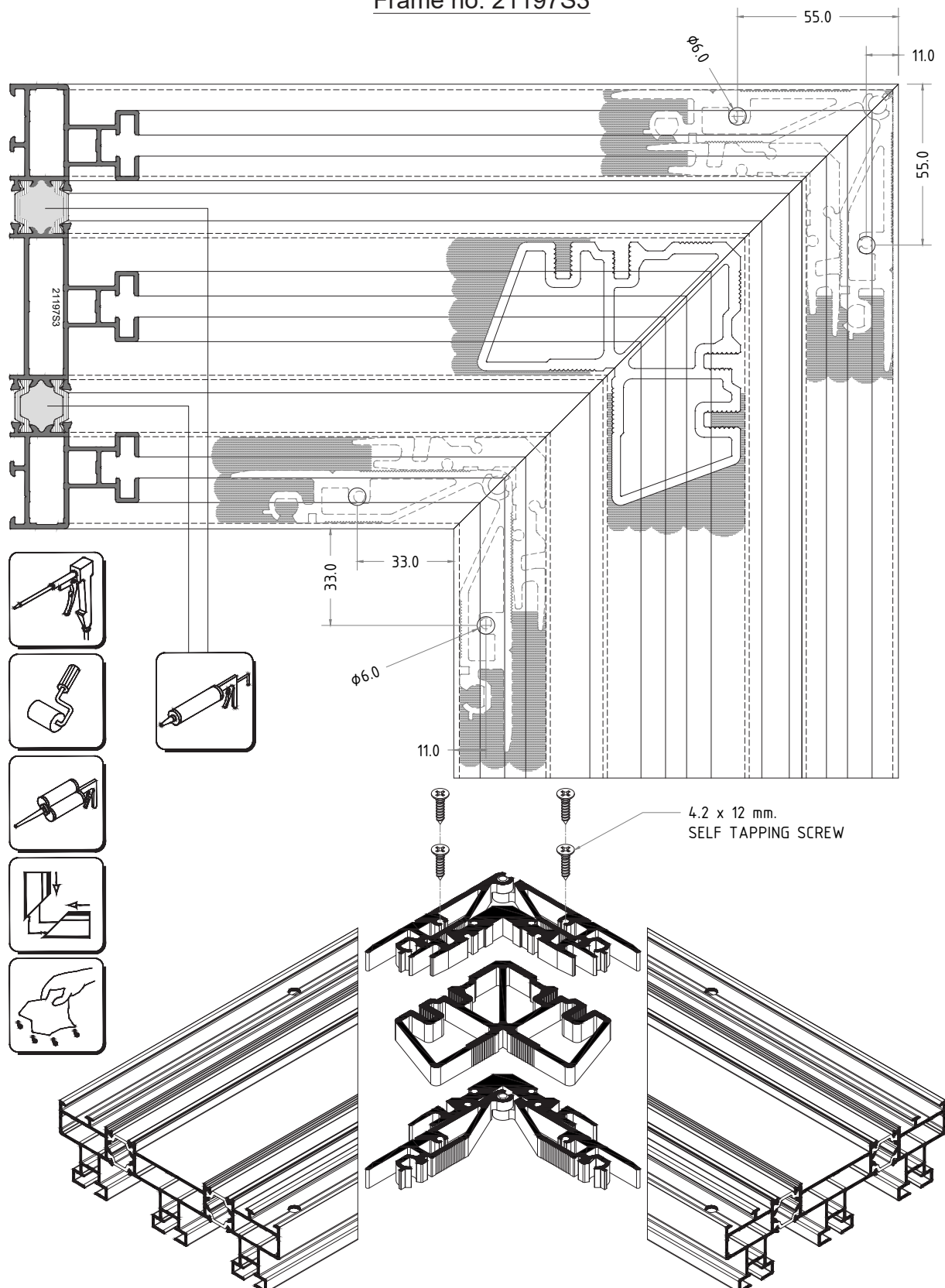
Processing Data
INNER Corner Assembly Detail
 Frame no. 21197S2



Processing Data

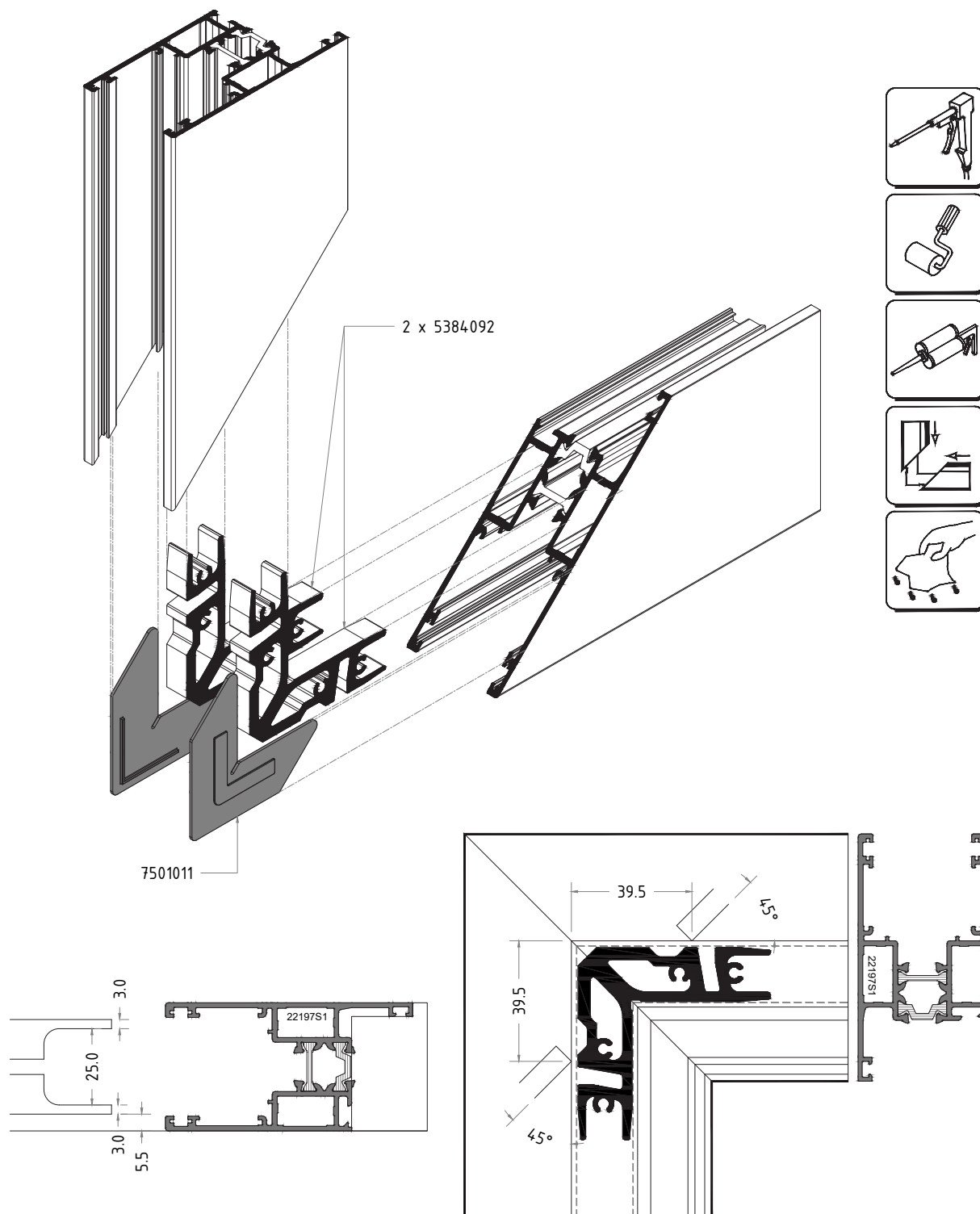
INNER Corner Assembly Detail

Frame no. 21197S3



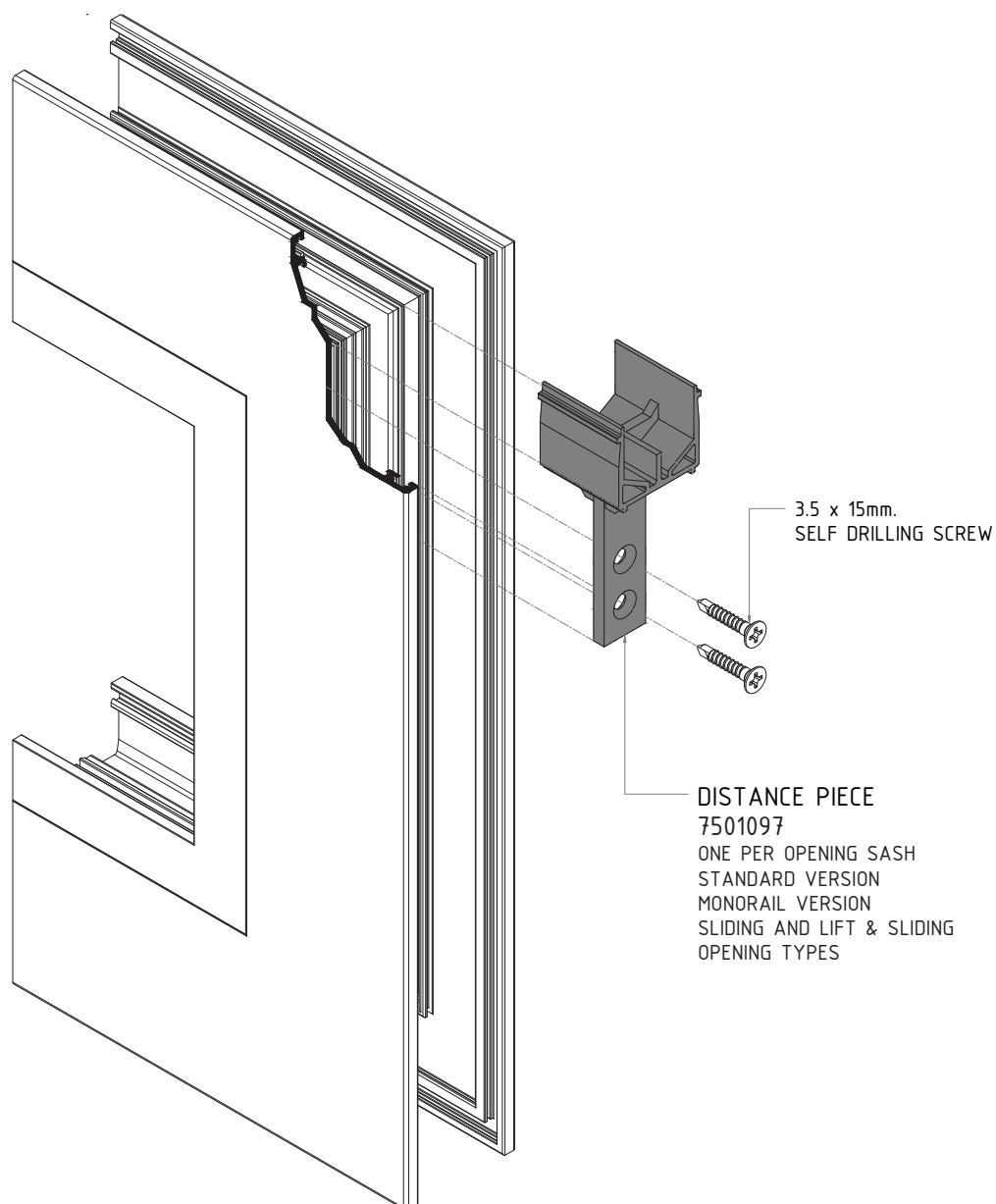
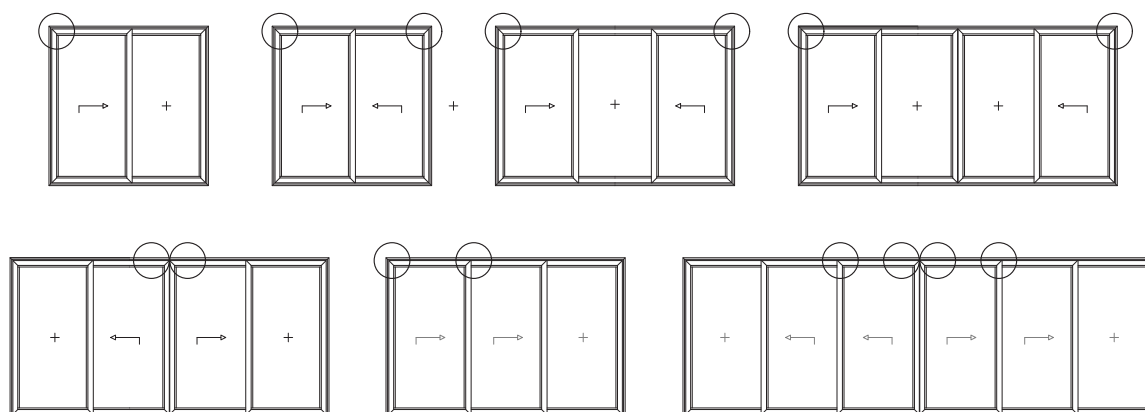
Processing Data

Sash Corner Crimping Detail



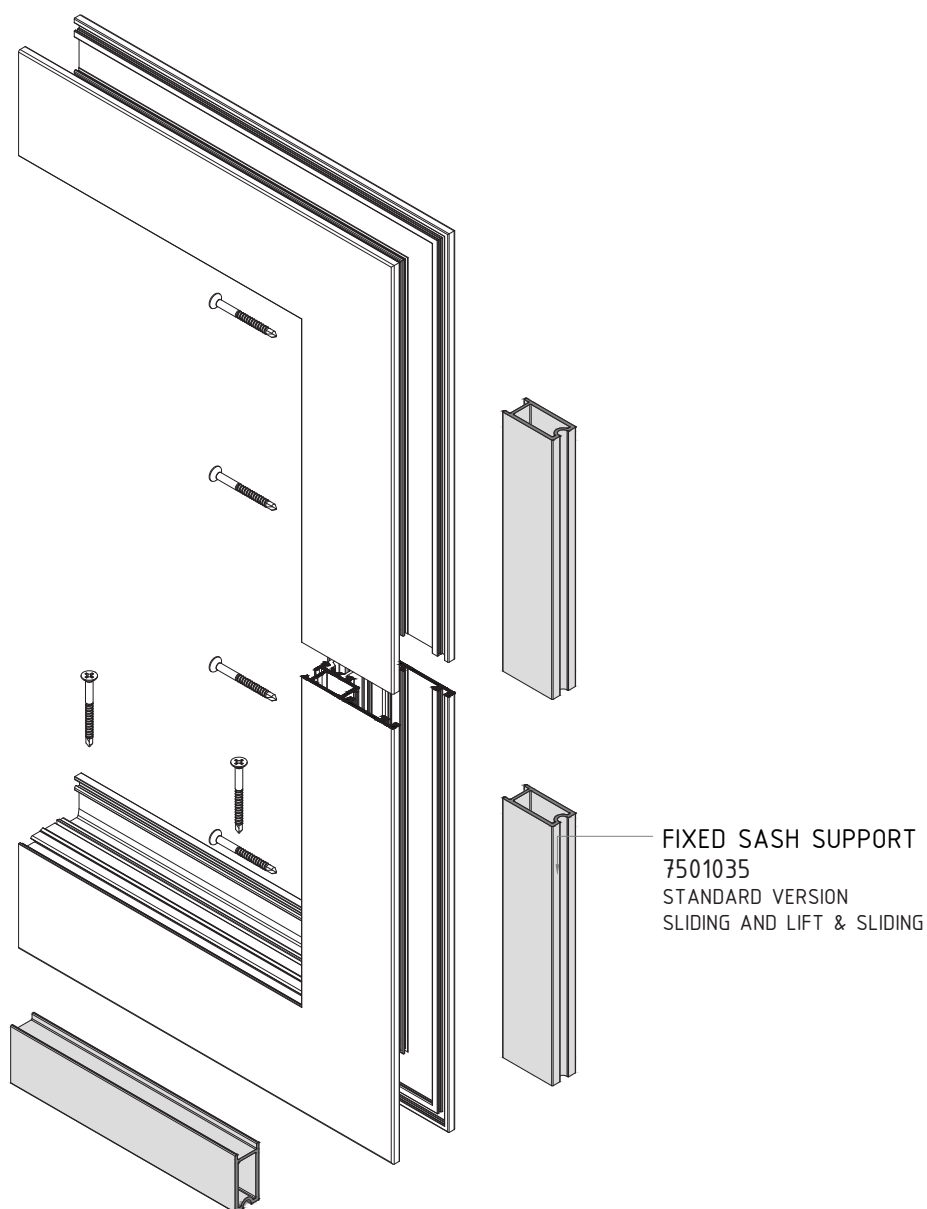
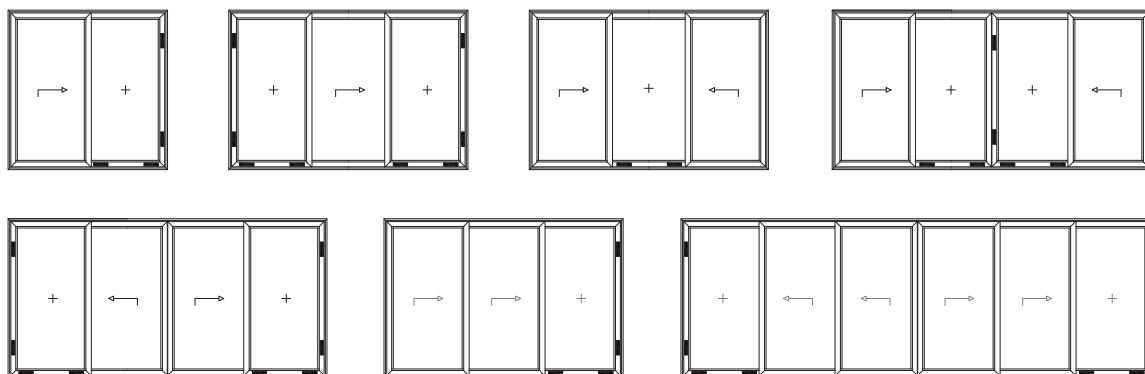
Processing Data

Sash Assembly Detail



Processing Data

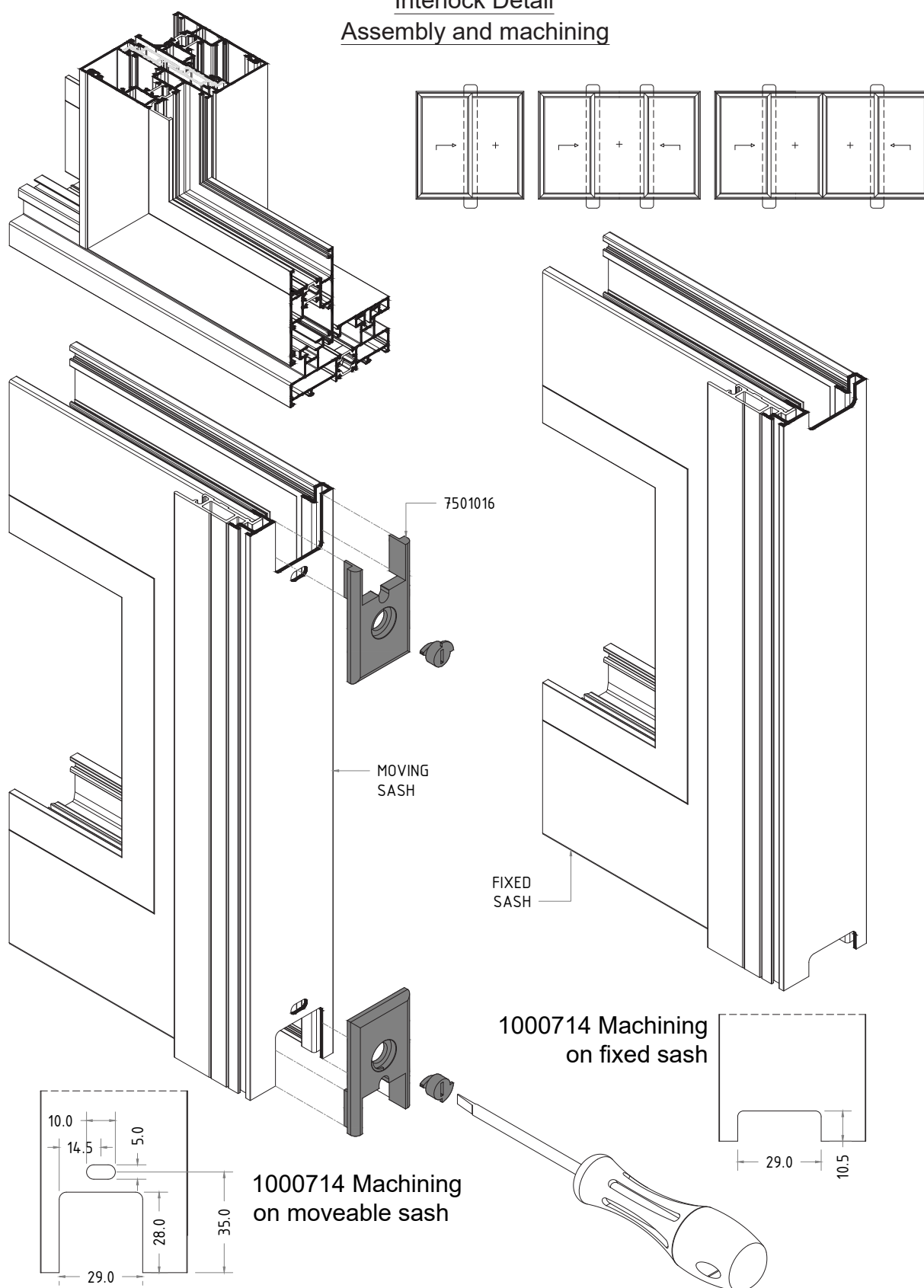
Fixed sash support installation & Location



Processing Data

Interlock Detail

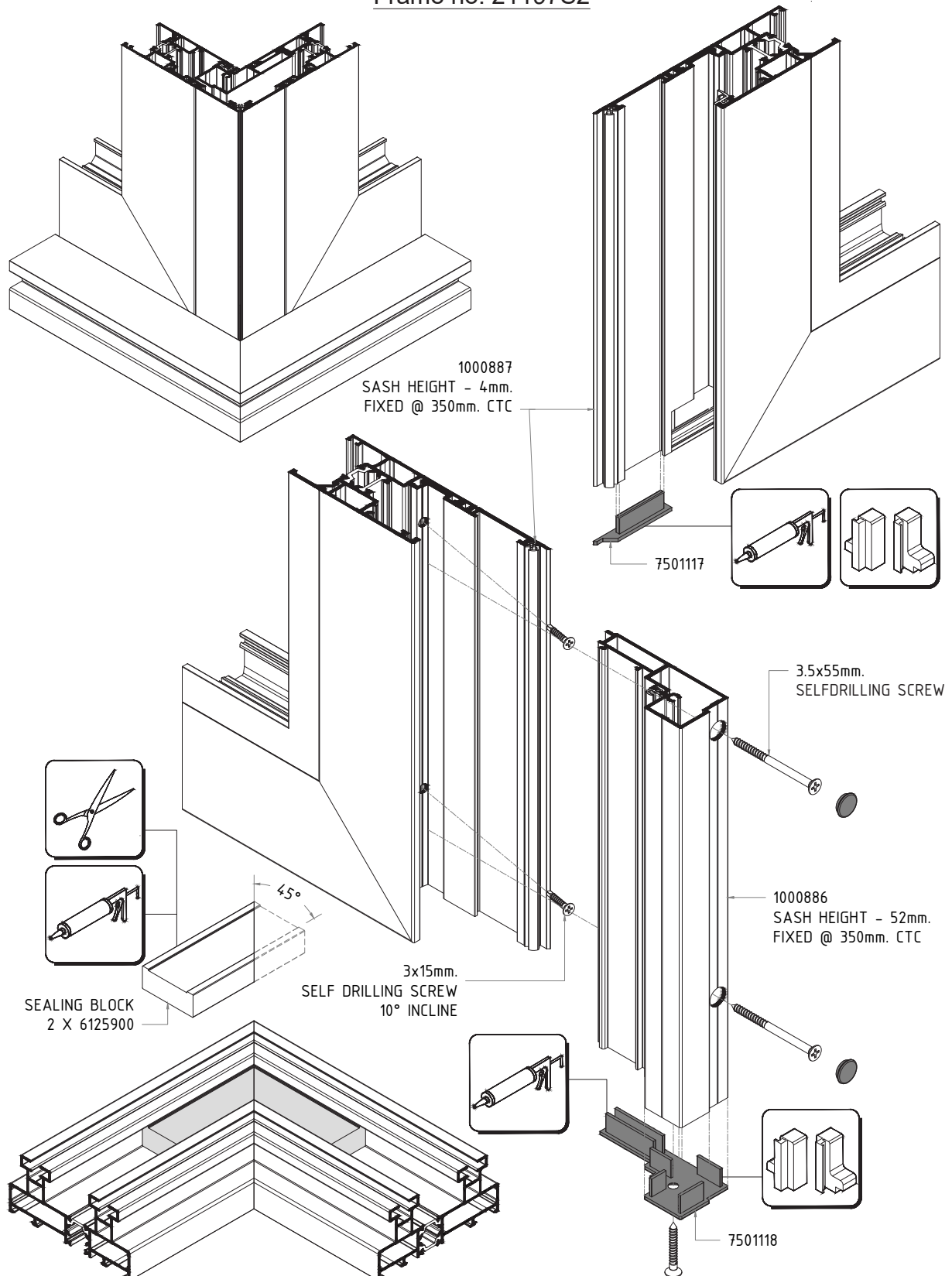
Assembly and machining



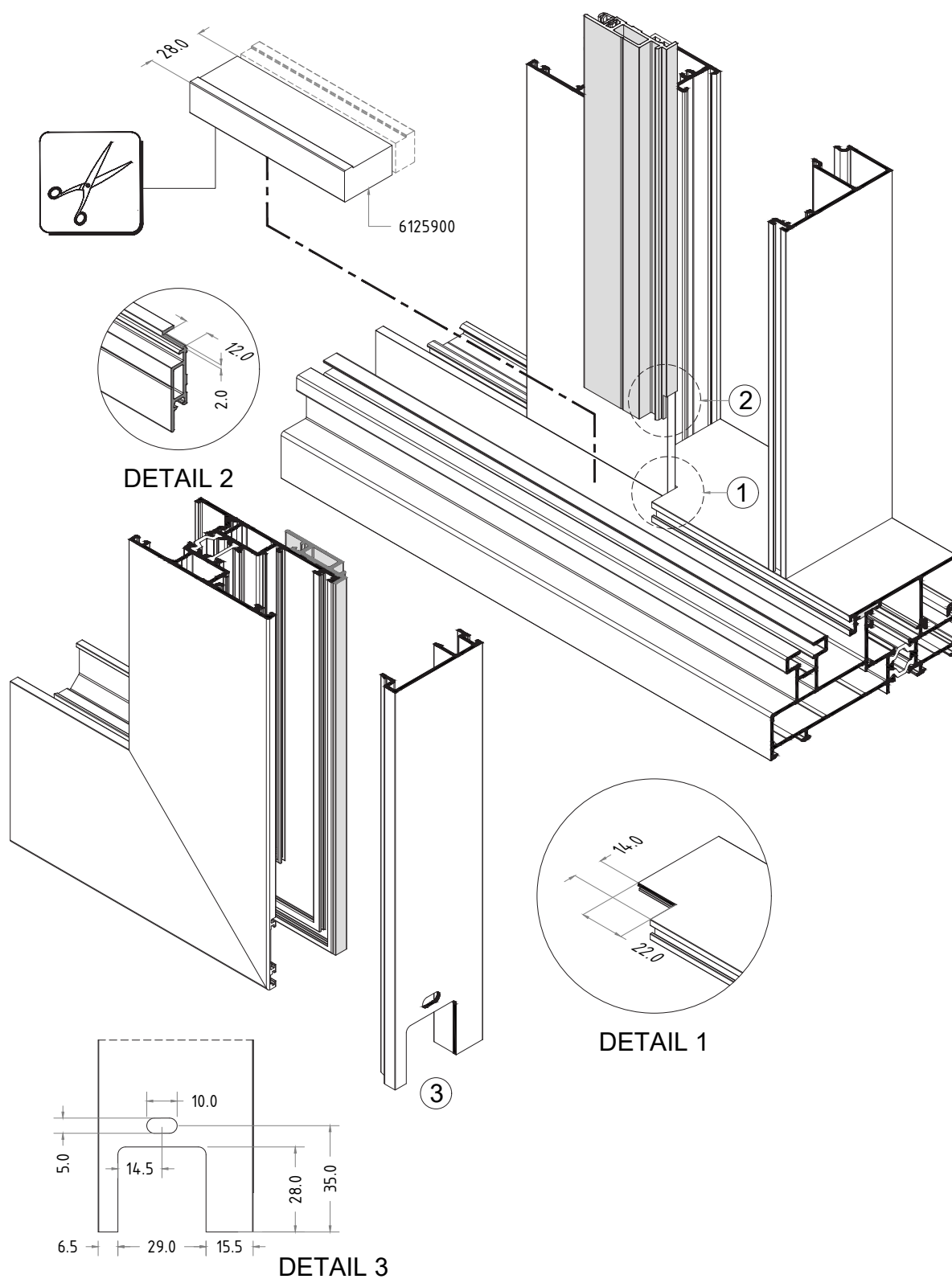
Processing Data

INNER Openable Corner Assembly Detail

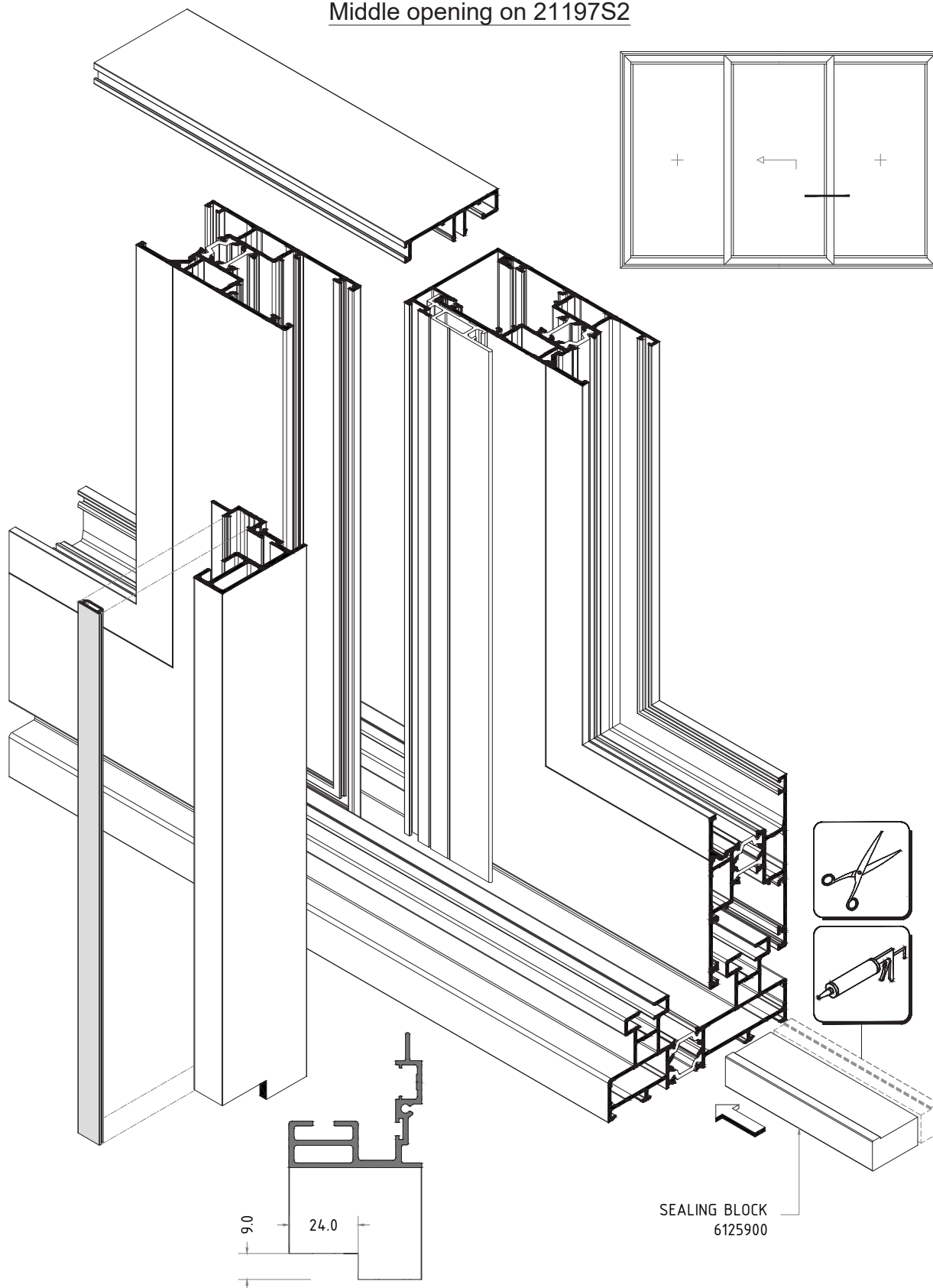
Frame no. 21197S2



Processing Data
Interlock Assembly Detail
Frame no. 21197S1

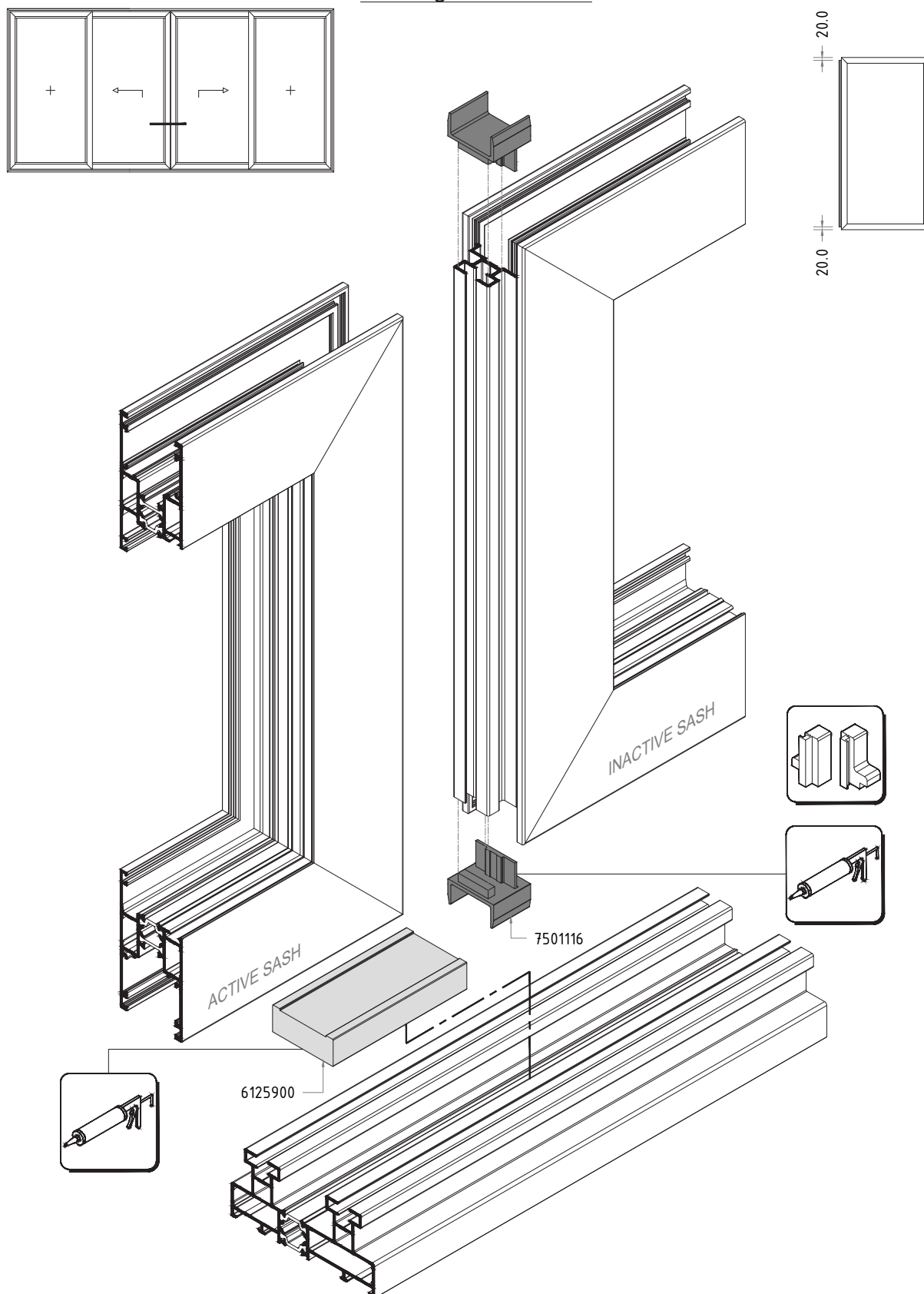


Processing Data
Interlock Assembly Detail
Middle opening on 21197S2

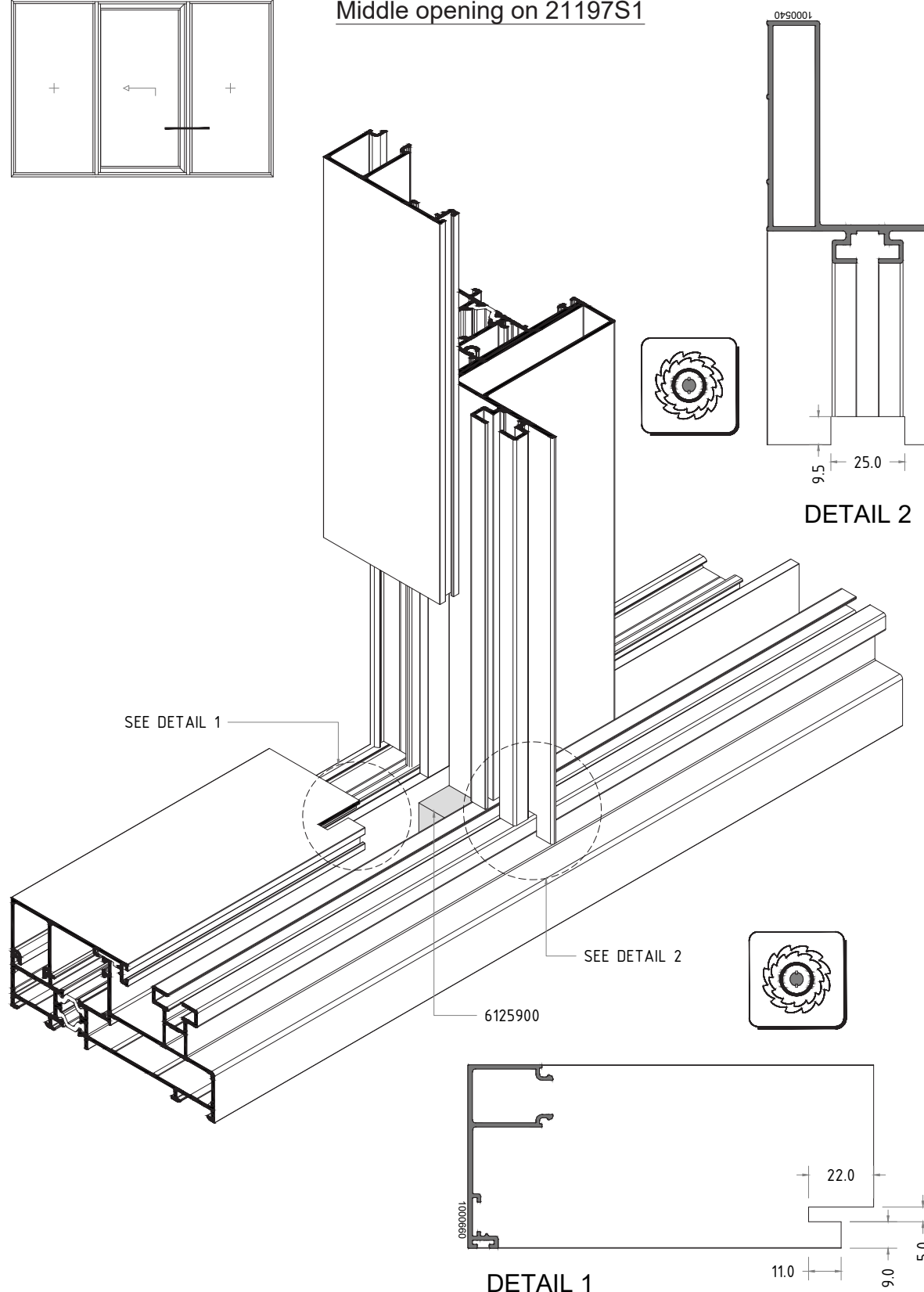
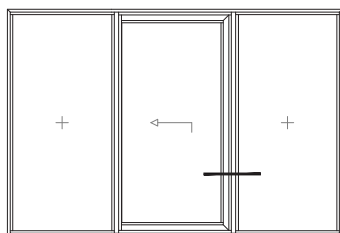


Processing Data

Meeting Profile Detail



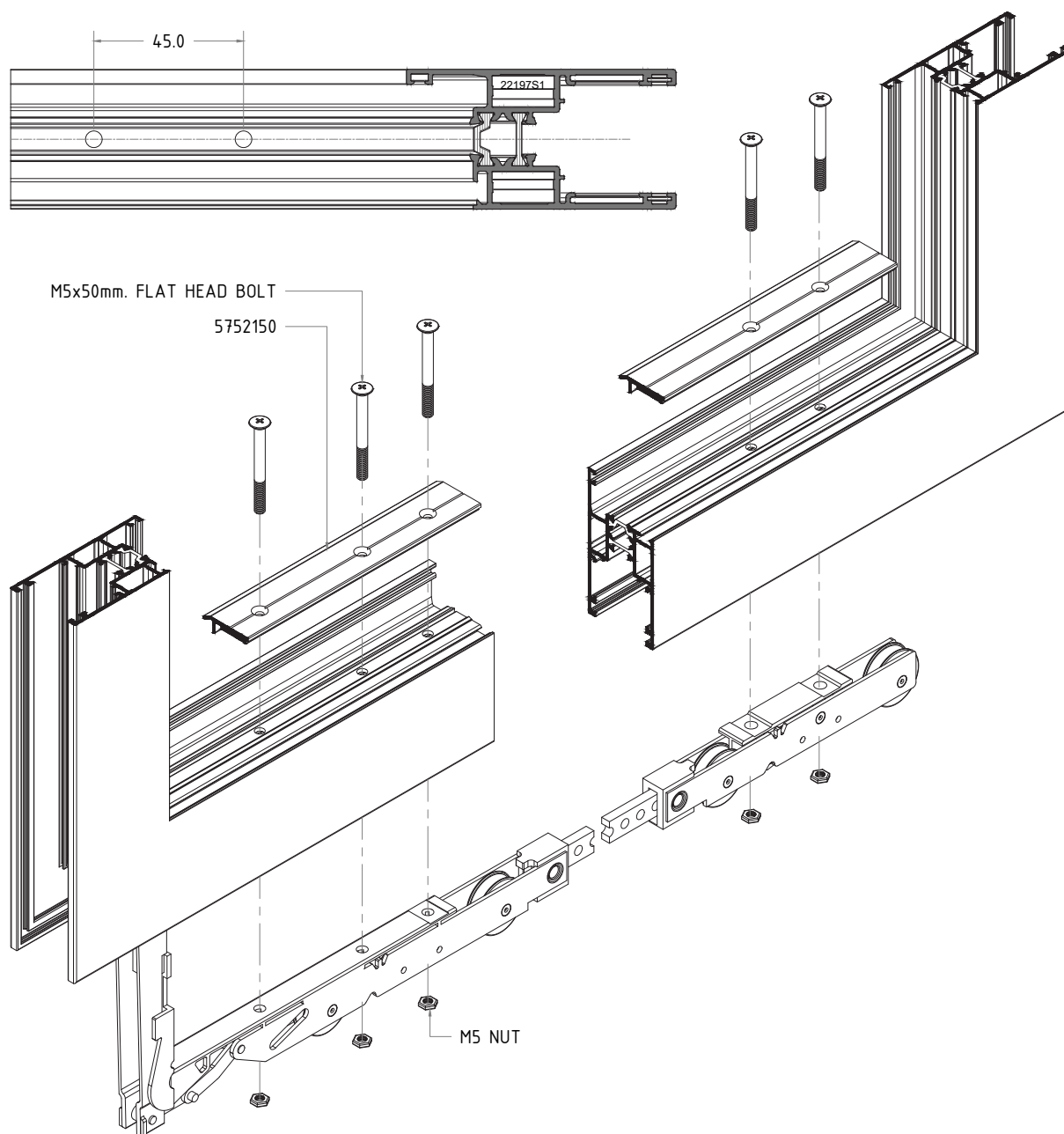
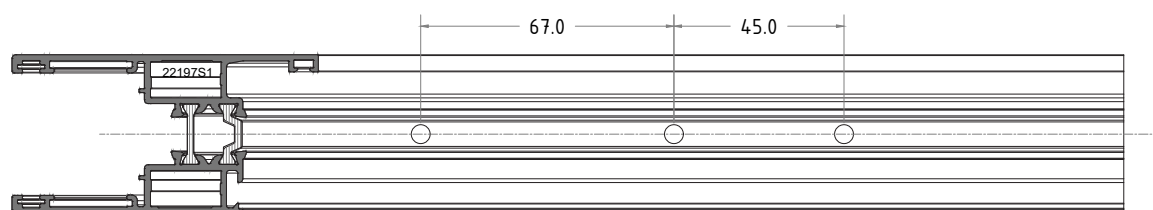
Processing Data
Interlock Assembly Detail
Middle opening on 21197S1



Processing Data

Roller Installation Detail

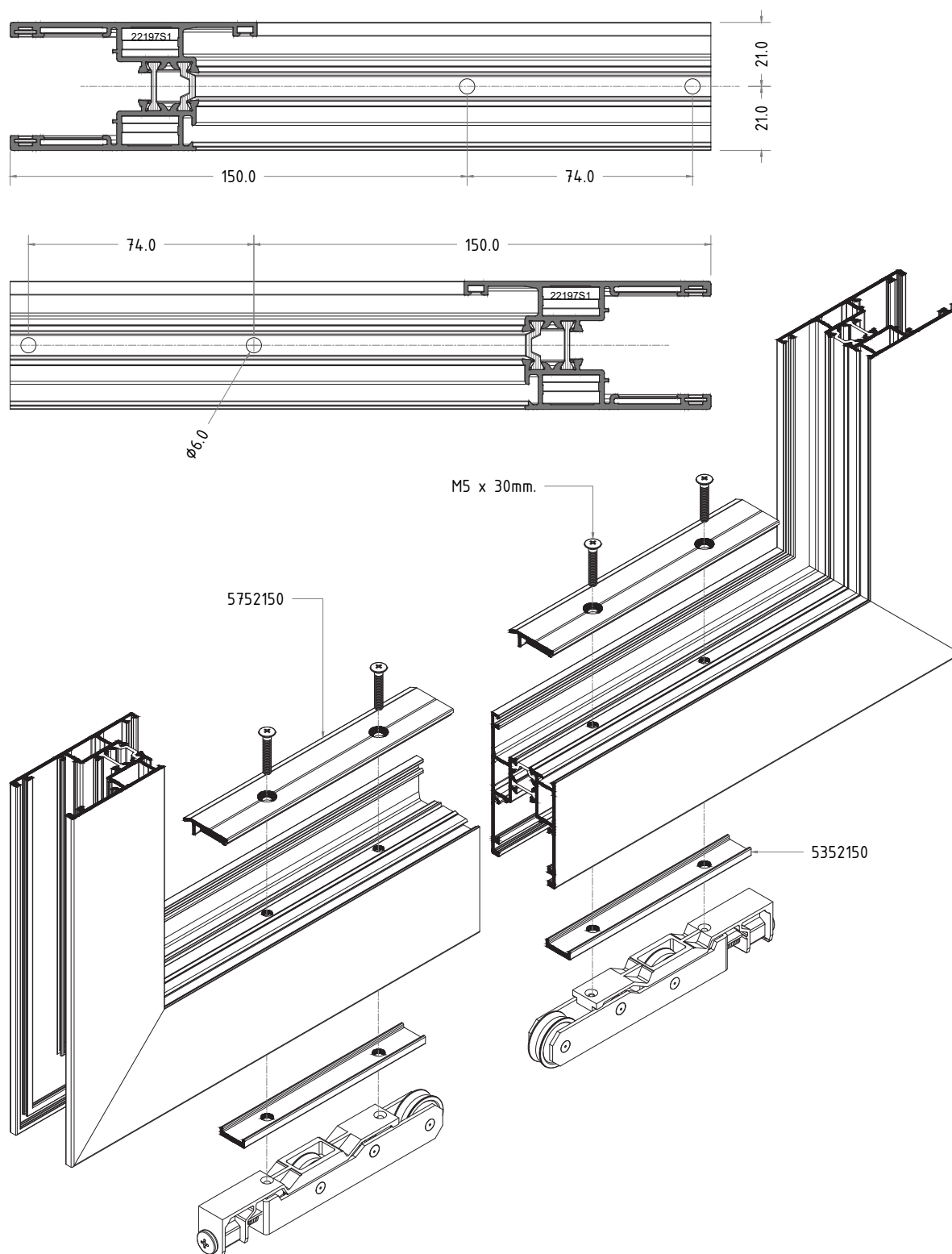
Lift & Slide Version

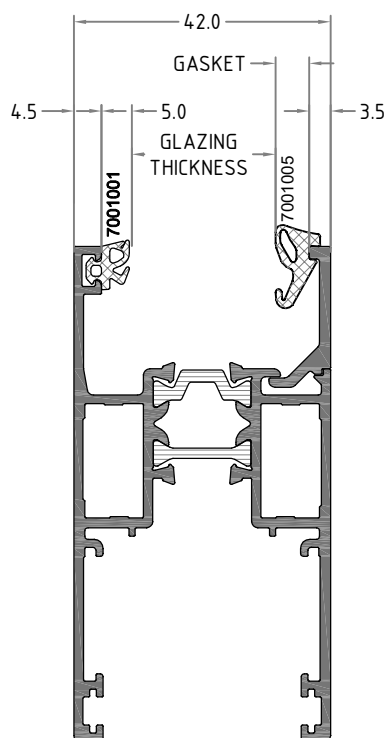


Processing Data

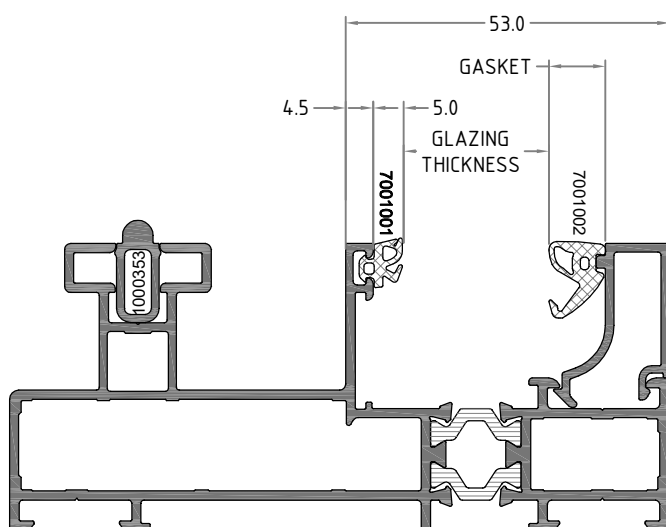
Roller Installation Detail

Sliding Version





Panel Thickness	Inner Gasket Number	Inner Gasket Thickness	Inner Glazing Profile	Inner Glazing Depth
22 mm.	7001002	7 mm.	1000657	3.5 mm.
24 mm.	7001005	5 mm.	1000657	3.5 mm.
26 mm.	7001034	3 mm.	1000657	3.5 mm.



Panel Thickness	Inner Gasket Number	Inner Gasket Thickness	Inner Glazing Profile	Inner Glazing Depth
22 mm.	7001062	9.5 mm.	1000409	12 mm.
24 mm.	7001002	7.5 mm.	1000409	12 mm.
26 mm.	7001005	5.5 mm.	1000409	12 mm.