



GlobAlum
Globaly Aluminum Passion

GC50



CASEMENT SERIES GC50

Profiles

01-18

Sections

19-47

Work Drawings

48-54

Glazing Table

55

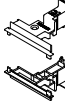
PROFILES :

Number	Shape	DESCRIPTION	Corner Nail / Crimp	Corner Alignment	T.Connector
1000778		Frame profile 64/42	5195464	7501020	—
1000779		Frame profile 52/30	5301464	7501020	—
1000885		Frame profile 52/30 . 73	5301464	7501020	—
1000780		Sash profile 35/47	5514422	7501020	—
1000781		Sash profile 45/57	5196422	7501020	—
1000782		Sash profile 62/74	5236422	7501020	—
1000783		Sash profile 96/40	5236422	7501020	—
1000787		Mullion Transom 74/30	—	—	5786162
1000788		Mullion Transom 86/42	—	—	5786282
1000413		Pivot Sash Adaptor	5195263	—	—
1000784		Outward adaptor Profile	5732420	—	—
1000785		Meeting Profile	—	—	—
1000503		Round tube 50x2.5mm.	—	—	—
1000765		90 Degree Coupling	—	—	—
1000764		135 Degree Coupling	—	—	—
1000775		Window and Door Louver Base	—	—	—
1000776		Window and Door Louver Profile	—	—	—
1000777		Window and Door Louver Profile	—	—	—

PROFILES :

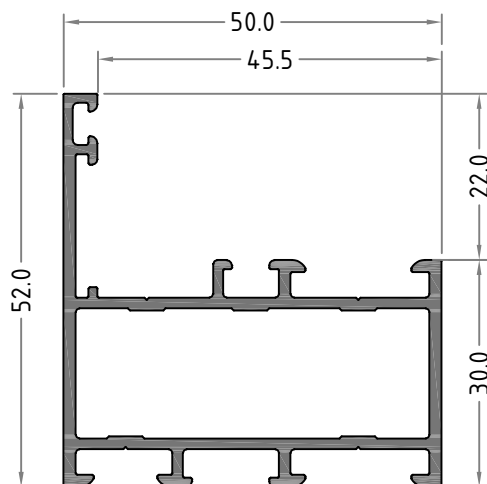
Number	Shape	DESCRIPTION
1000876		Curtain wall adaptor
1000771		Door adaptor profile
1000772		Threshold profile
1000773		Door adaptor profile
1000774		Threshold profile
1000760		Round Coupling Adaptor
1000761		Round Coupling Adaptor
1000466		Glazing bead 4 mm
1000409		Glazing bead 12 mm
1000840		Glazing bead 16 mm
1000405		Glazing bead 20 mm
1000841		Glazing bead 24 mm
1000414		Glazing bead 28 mm
1000749		Glazing bead 32mm
1000467		Glazing bead 36 mm
1000750		Glazing bead 40mm
1000842		Glazing bead 44 mm
1000501		Add on Profile 28mm
1000488		Architrave Profile 55mm / 4.3
1000612		Architrave Profile 55mm / 9.3
1000614		Window and Door Louver Profile
1000200		Cover profile
1000456		Cover profile
1000582		Reinforce profile
1000626		Reinforce profile

System Accessories:

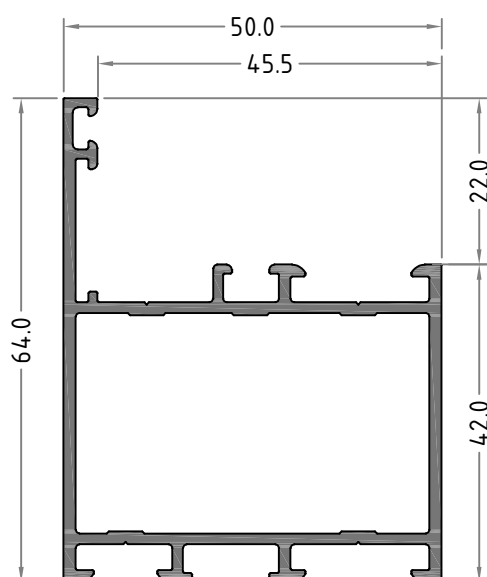
Number	Shape	DESCRIPTION	Quantity
7501062		1000582 End Cap	2 Pieces per 1000582
7501063		1000626 End Cap	2 Pieces per 1000626
7501070		1000771 End Cap	1 Pair per Door adaptor profile
7501071		1000773 End Cap	1 Pair per Door adaptor profile
7501082		1000785 End Cap	1 Pair per Meeting profile
7501100		Drain hole cover	1 per Drain hole

Gaskets :

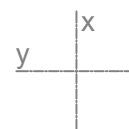
Number	Shape	DESCRIPTION
7001001		Outer glazing gasket
7001062		Inner glazing gasket 9-10mm.
7001002		Inner glazing gasket 7-8mm.
7001005		Inner glazing gasket 5-6mm.
7001034		Inner glazing gasket 3-4mm.
7001040		Stop gasket
7001105		Stop gasket
7001121		Central gasket
7001114		Cover Gasket
7001115		Weather seal gasket
7001051		Threshold gasket
7001120		Louver Outer glazing gasket



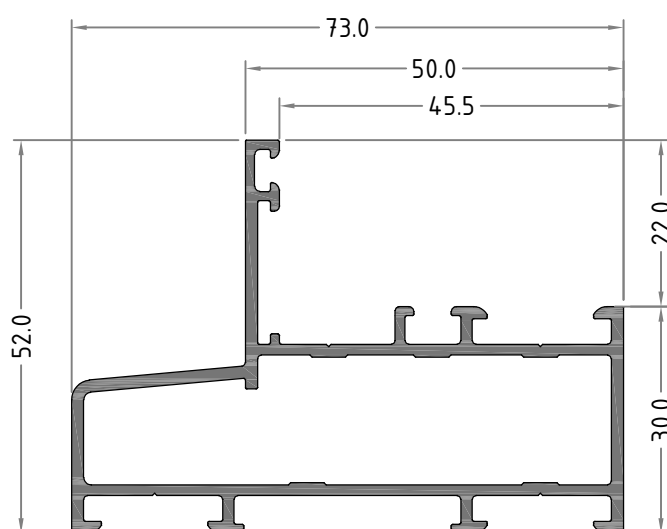
1000779



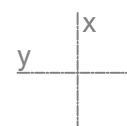
1000778



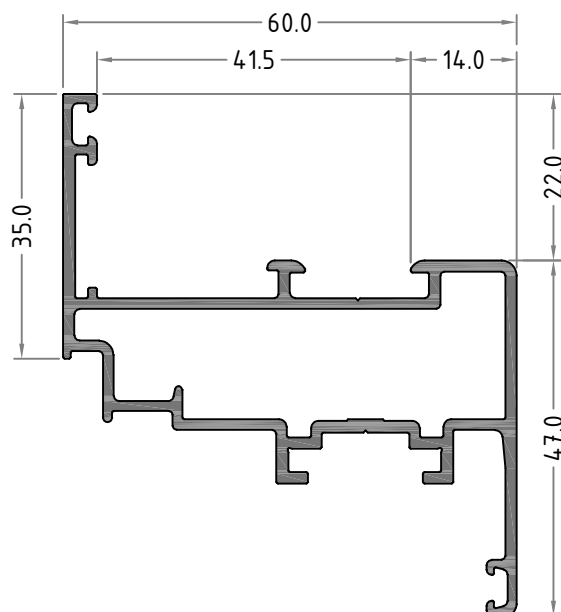
DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Frame profile 52/30	1000779	11.03	5.91	
Frame profile 64/42	1000778	13.31	11.72	



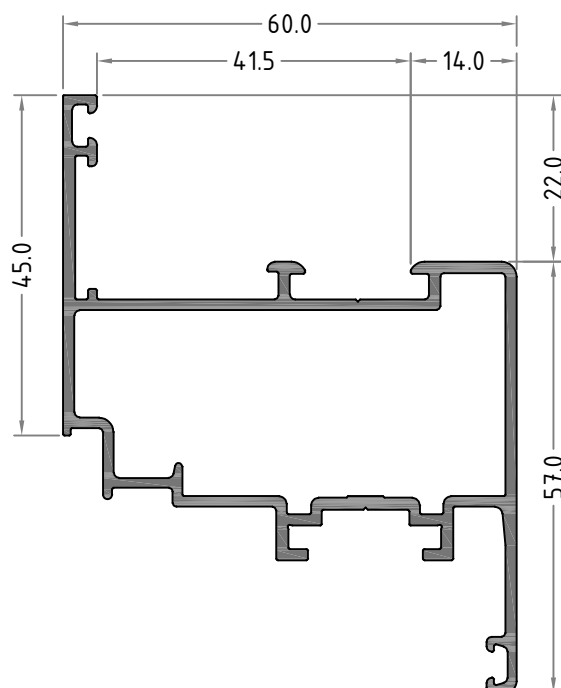
1000885



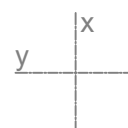
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Frame profile 52/30 . 73	1000885	21.52	6.44	



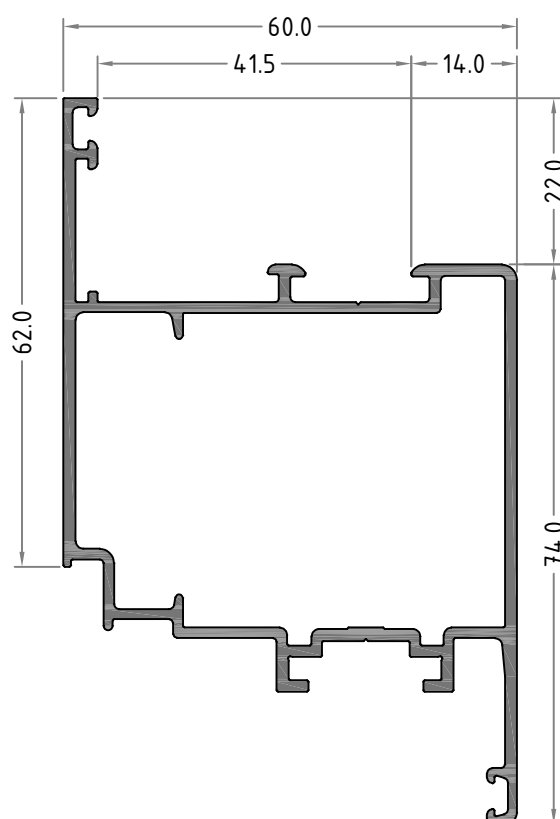
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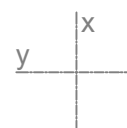
1000781



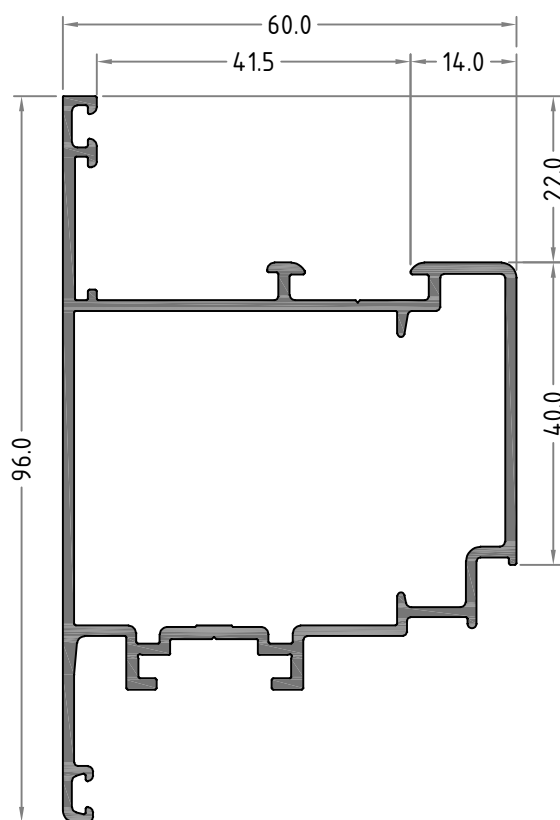
DESCRIPTION	Article Number	I_x eff. cm^4 L = 3000 mm	I_y cm^4	Technical information
Sash profile 35/47	1000780	18.02	7.80	
Sash profile 45/57	1000781	20.60	13.28	



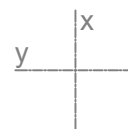
1000782



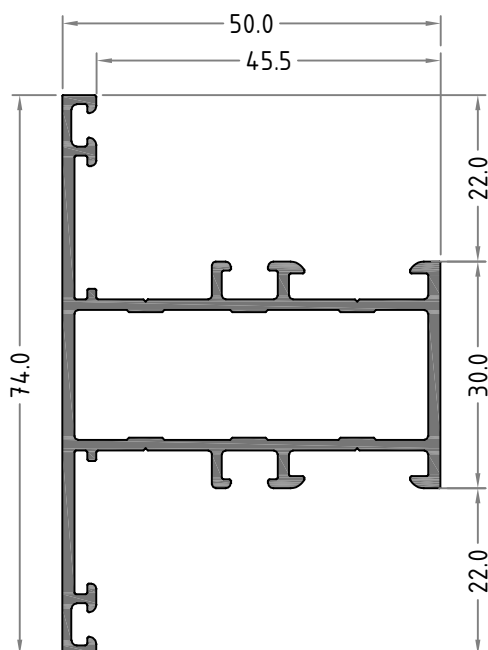
DESCRIPTION	Article Number	I_x eff. cm ⁴ L = 3000 mm	I_y cm ⁴	Technical information
Sash profile 62/74	1000782	25.77	27.79	



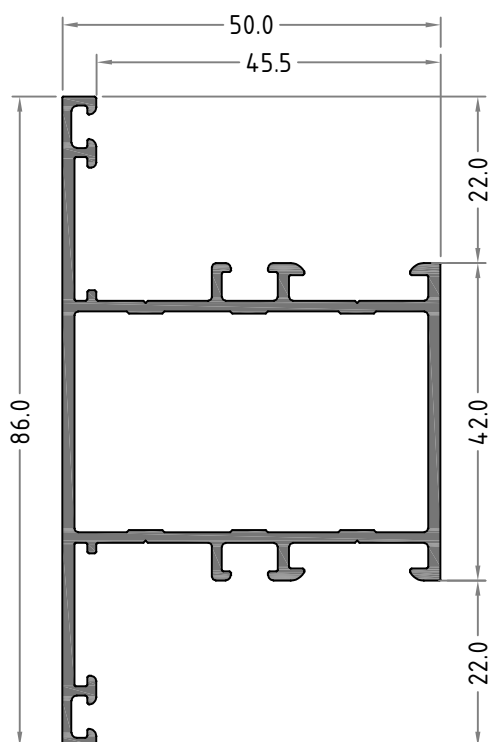
1000783



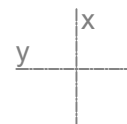
DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Sash profile 96/40	1000783	23.47	27.53	



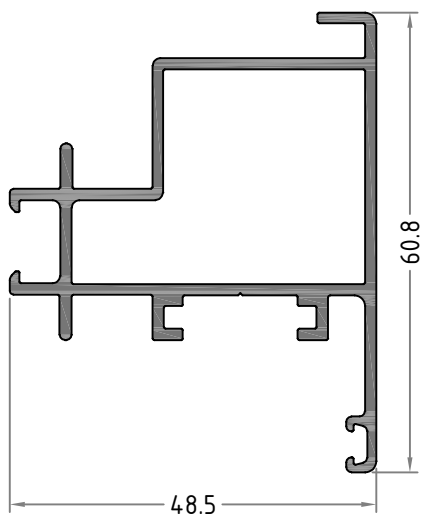
1000787



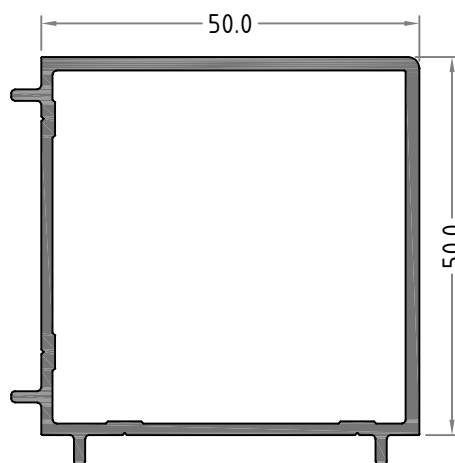
1000788



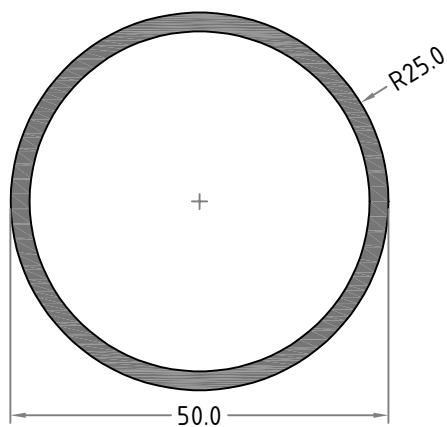
DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Mullion Transom 74/30	1000787	12.58	9.67	
Mullion Transom 86/42	1000788	14.93	17.12	



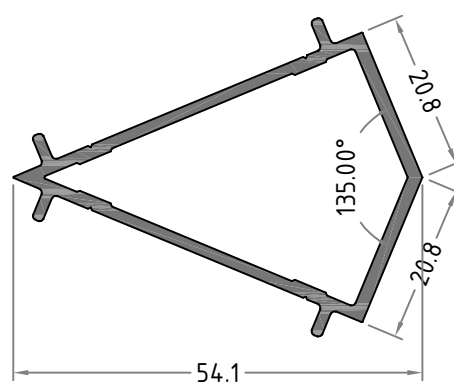
DESCRIPTION	Number
Pivot Sash Adaptor	1000413



DESCRIPTION	Number
90 Degree Coupling	1000765



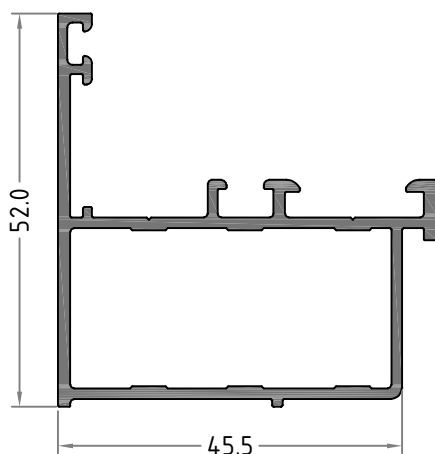
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Round tube 50x2.5mm.	1000503



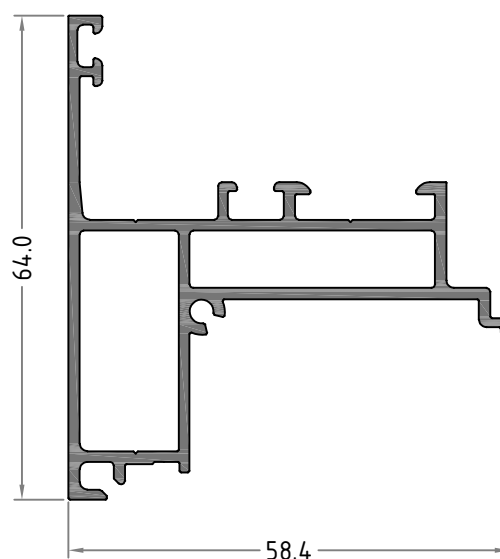
DESCRIPTION	Number
135 Degree Coupling	1000764

PROFILES

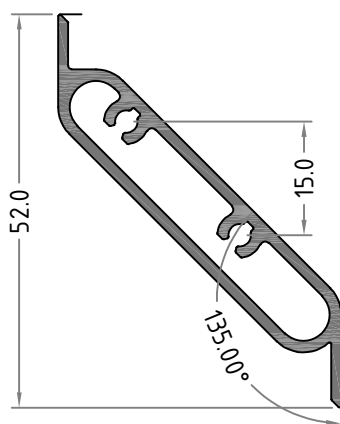
Series GC50



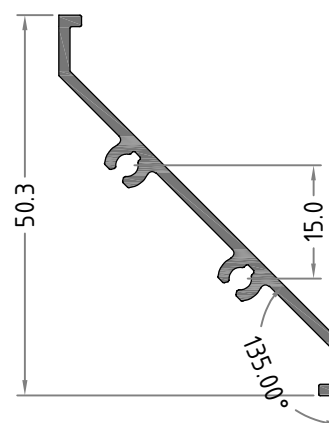
DESCRIPTION	Number
Outward adaptor Profile	1000784



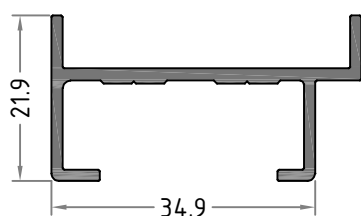
DESCRIPTION	Number
Meeting Profile	1000785



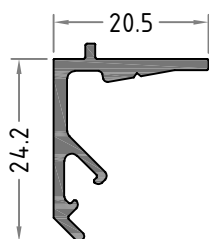
DESCRIPTION	Number
Window and Door Louver Profile	1000776



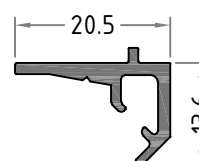
DESCRIPTION	Number
Window and Door Louver Profile	1000777



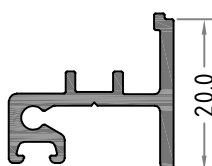
DESCRIPTION	Number
Window and Door Louver Base	1000775



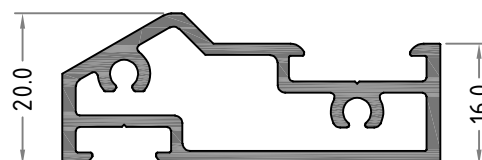
DESCRIPTION	Number
Round Coupling Adaptor	1000760



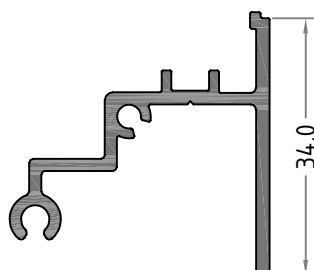
DESCRIPTION	Number
Round Coupling Adaptor	1000761



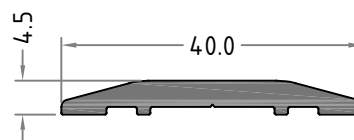
DESCRIPTION	Number
Door adaptor profile	1000771



DESCRIPTION	Number
Threshold profile	1000772



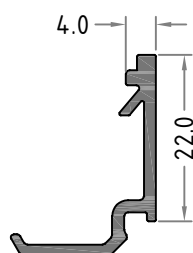
DESCRIPTION	Number
Door adaptor profile	1000773



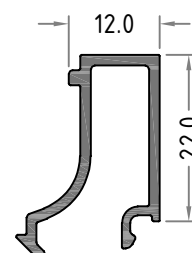
DESCRIPTION	Number
Door adaptor profile	1000774

PROFILES

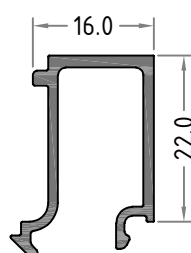
Series GC50



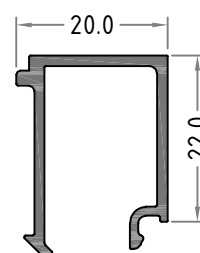
DESCRIPTION	Number
Glazing bead 4 mm	1000466



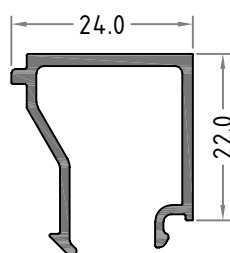
DESCRIPTION	Number
Glazing bead 12 mm	1000409



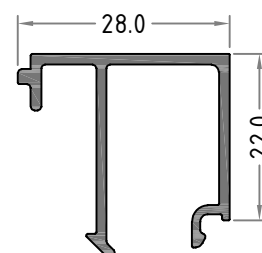
DESCRIPTION	Number
Glazing bead 16 mm	1000840



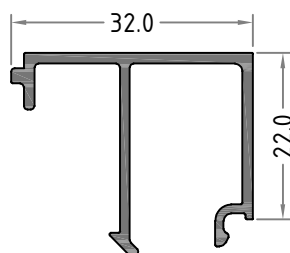
DESCRIPTION	Number
Glazing bead 20 mm	1000405



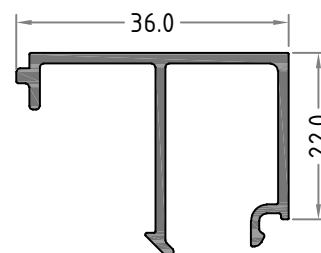
DESCRIPTION	Number
Glazing bead 24 mm	1000841



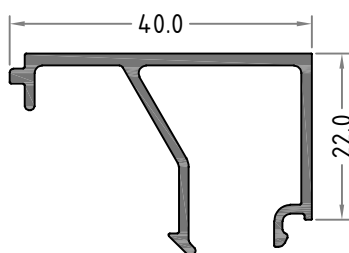
DESCRIPTION	Number
Glazing bead 28 mm	1000414



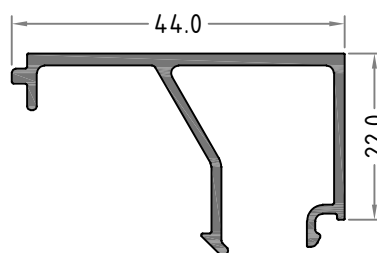
DESCRIPTION	Number
Glazing bead 32mm	1000749



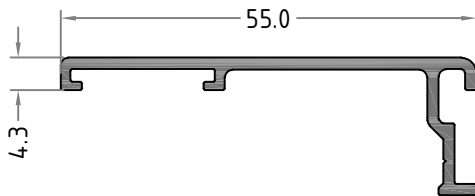
DESCRIPTION	Number
Glazing bead 36mm	1000467



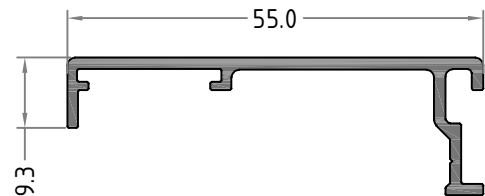
DESCRIPTION	Number
Glazing bead 40mm	1000750



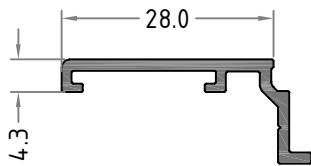
DESCRIPTION	Number
Glazing bead 44mm	1000842



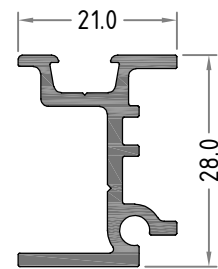
DESCRIPTION	Number
Architrave Profile 55mm / 4.3	1000488



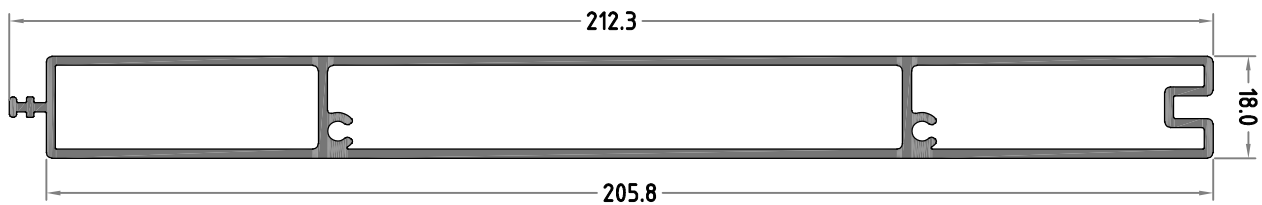
DESCRIPTION	Number
Architrave Profile 55mm / 9.3	1000612



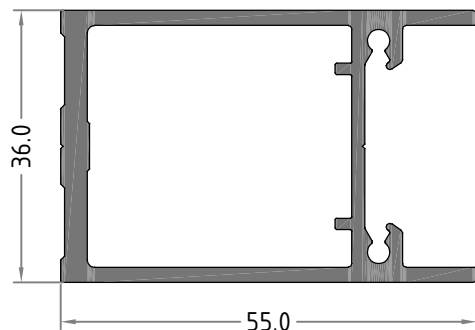
DESCRIPTION	Number
Add on Profile	1000501



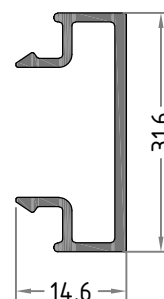
DESCRIPTION	Number
Curtain wall adaptor	1000876



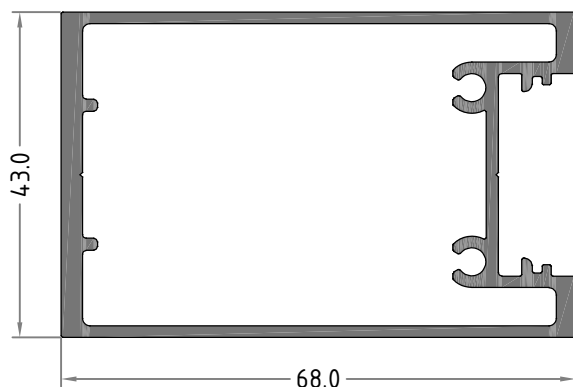
DESCRIPTION	Number
Window and Door Louver Profile	1000614



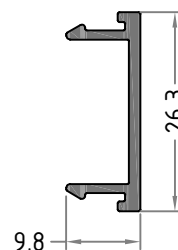
DESCRIPTION	Number
Reinforce profile	1000582



DESCRIPTION	Number
Cover profile	1000200



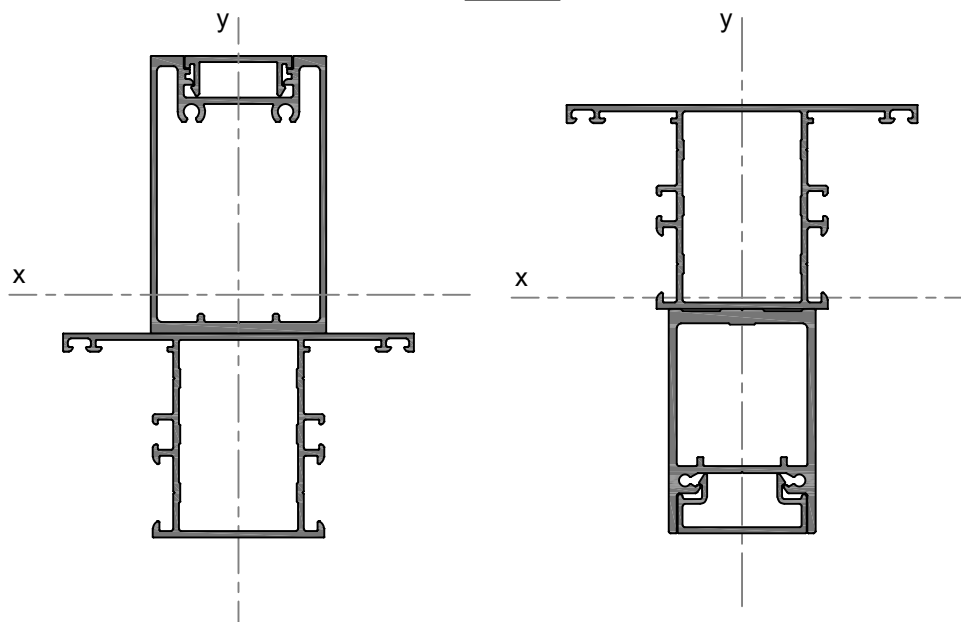
DESCRIPTION	Number
Reinforce profile	1000626



DESCRIPTION	Number
Cover profile	1000456

MULLION / TRANSOM PROPERTIES

GC50

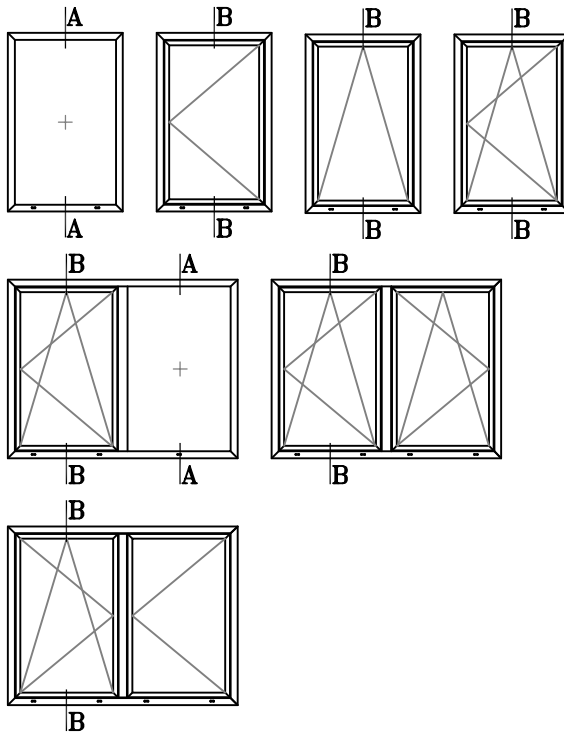


External Reinforcement (EXR)

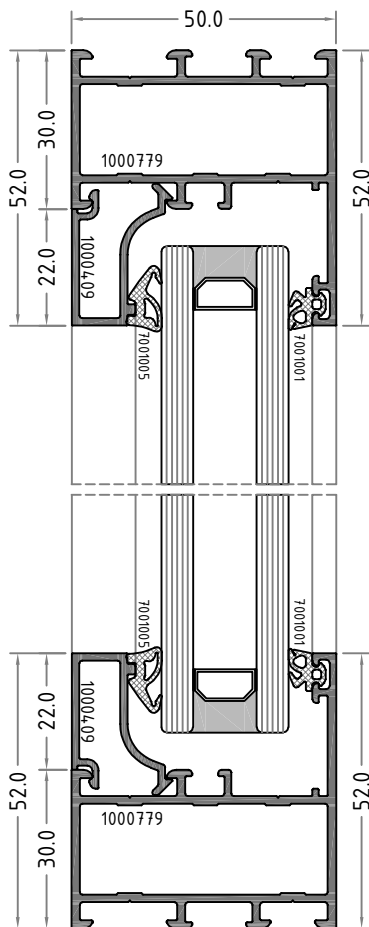
Internal Reinforcement (INR)

Article Number	Article Description	Add On Reinforcement	Internal Or External	Eff. I_x cm ⁴	I_y cm ⁴
1000787	Mullion/Transom 74/30	1000582 + 1000200	EXR	63.40	18.10
1000787	Mullion/Transom 74/30	1000626 + 1000456	EXR	102.36	22.39
1000788	Mullion/Transom 86/42	1000582 + 1000200	EXR	68.58	25.55
1000788	Mullion/Transom 86/42	1000626 + 1000456	EXR	109.13	29.84
1000788	Mullion/Transom 86/42	1000582 + 1000200	INR	87.99	25.55

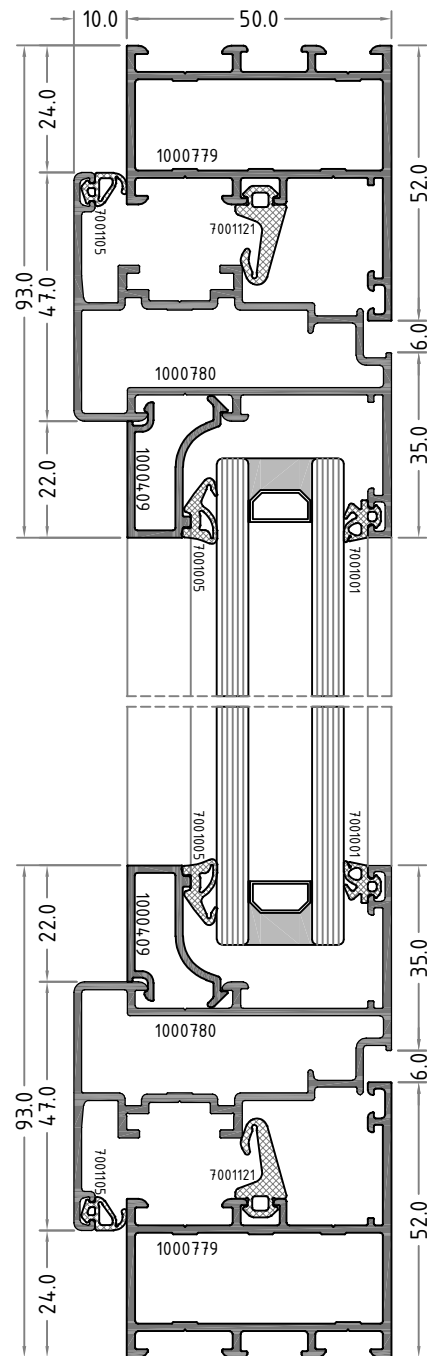
Effective I_x calculated in accordance with EN 14024-2004



Usable Frames :
1000778 - 1000779 - 1000885
Usable Sashes :
1000780 - 1000781 - 1000782



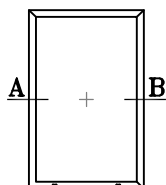
Section A-A



Section B-B

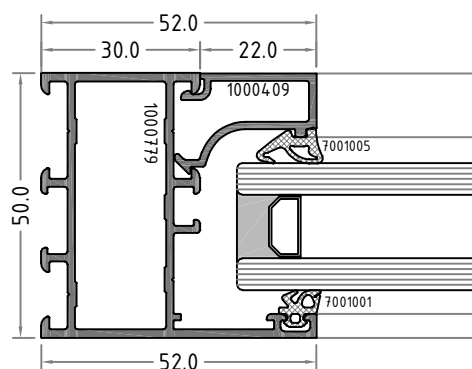
SECTIONS

Series GC50

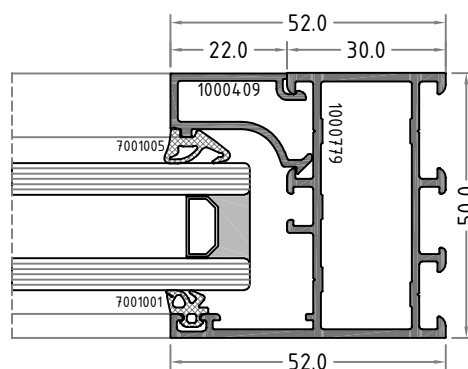


Usable Frames :

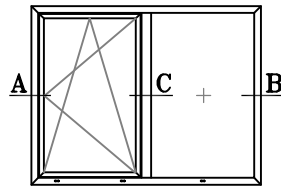
1000778 - 1000779 - 1000885



Section A



Section B



Usable Frames :

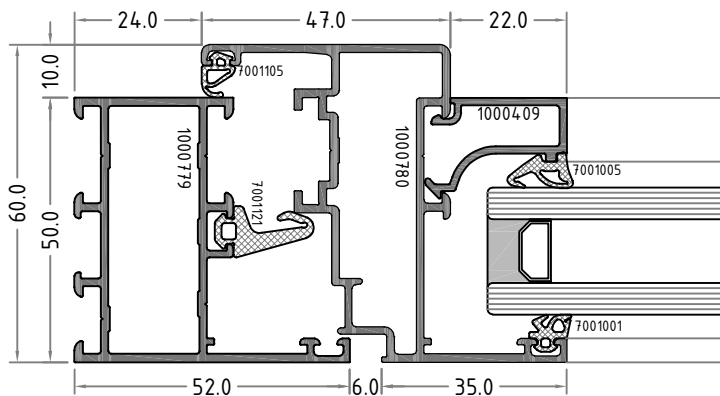
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Usable Sashes :

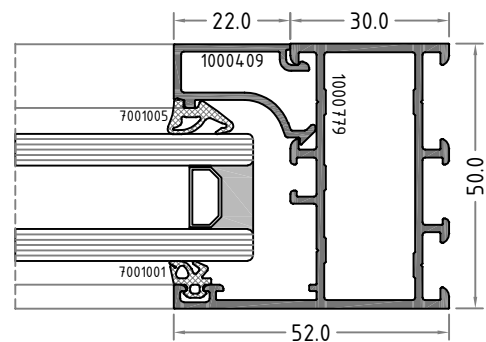
1000780 - 1000781 - 1000782

Usable Frame Mullion Transom :

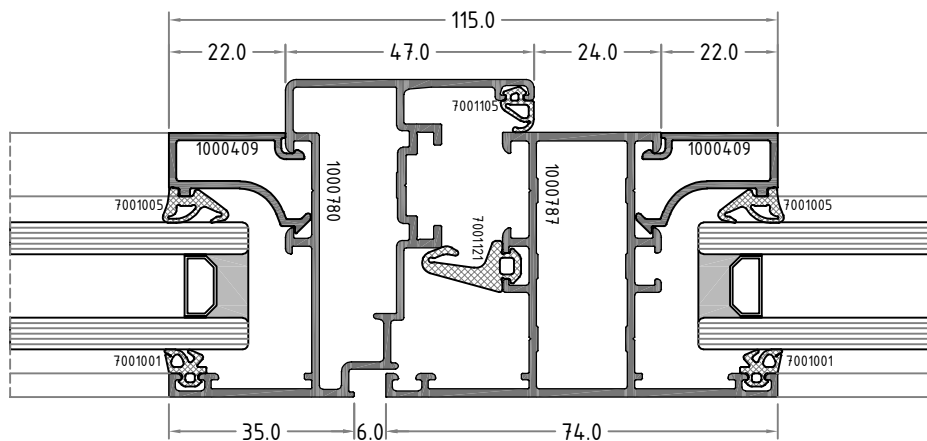
1000787 - 1000788



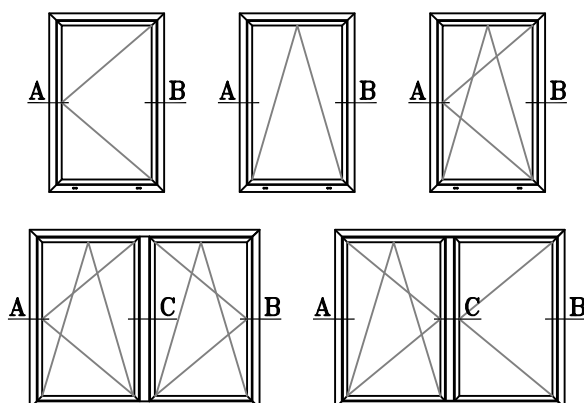
Section A



Section B



Section C

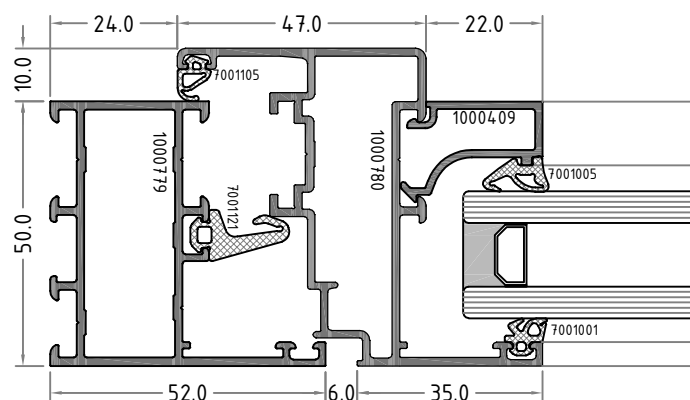


Usable Frames :

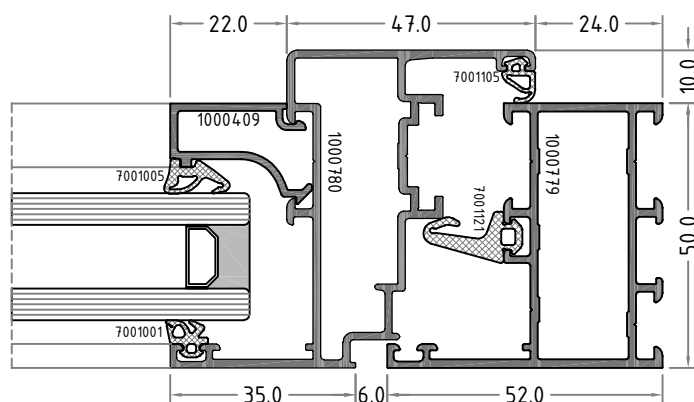
1000778 - 1000779 - 1000885

Usable Sashes :

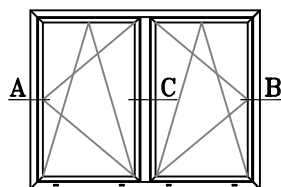
1000780 - 1000781 - 1000782



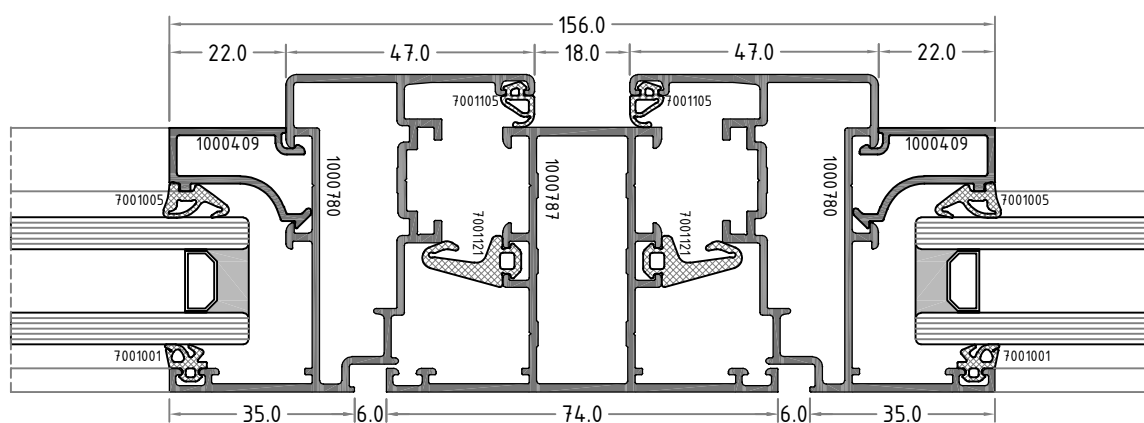
Section A



Section B



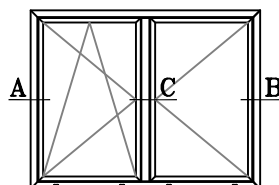
Usable Frames :
1000778 - 1000779 - 1000885
Usable Sashes :
1000780 - 1000781 - 1000782
Usable Frame Mullion Transom :
1000787 - 1000788



Section C

SECTIONS

Series GC50

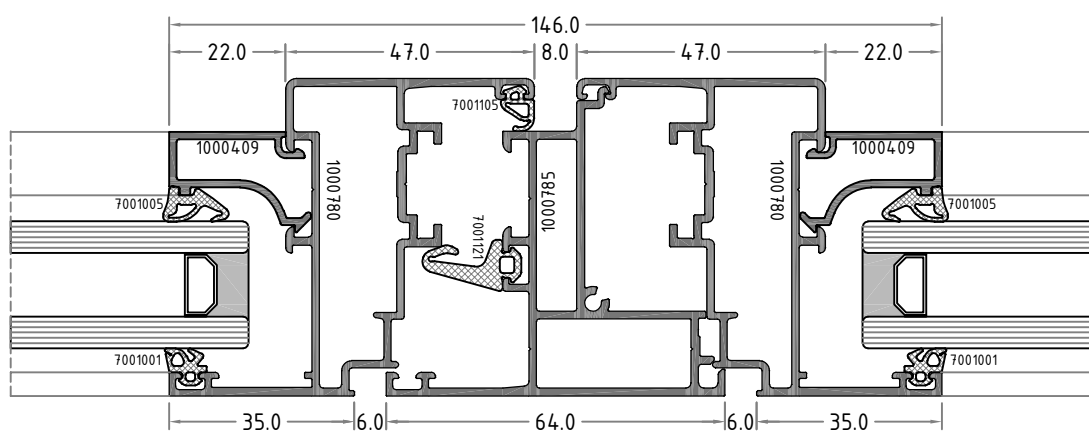


Usable Frames :

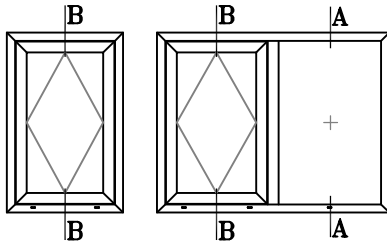
1000778 - 1000779 - 1000885

Usable Sashes :

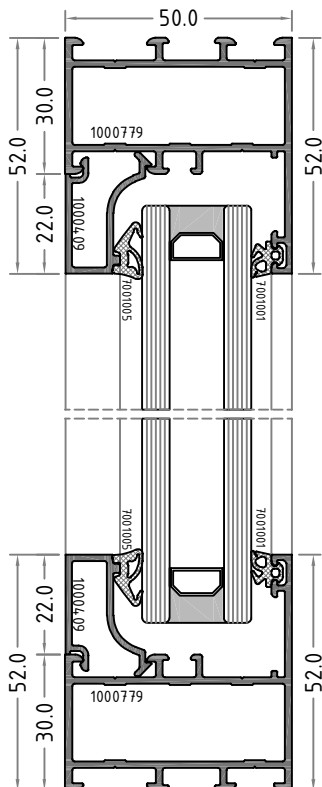
1000780 - 1000781 - 1000782



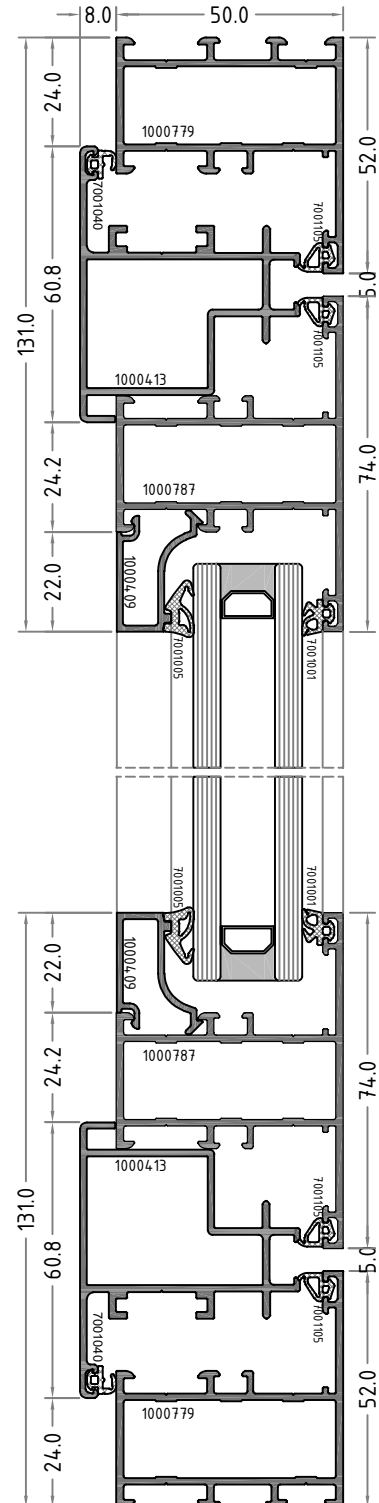
Section C



Usable Frames :
1000778 - 1000779 - 1000885
Usable Sashes :
1000787 - 1000788



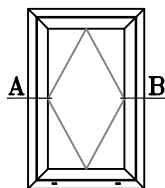
Section A-A



Section B-B

SECTIONS

Series GC50

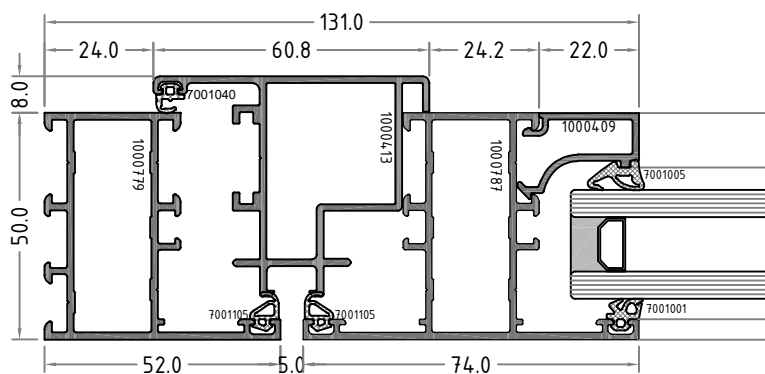


Usable Frames :

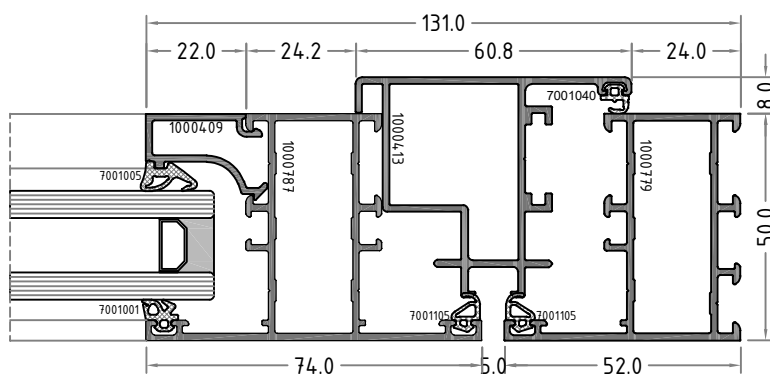
1000778 - 1000779 - 1000885

Usable Sashes :

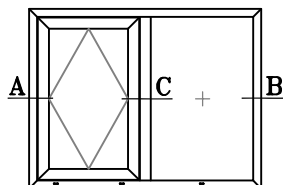
1000787 - 1000788



Section A



Section B



Usable Frames :

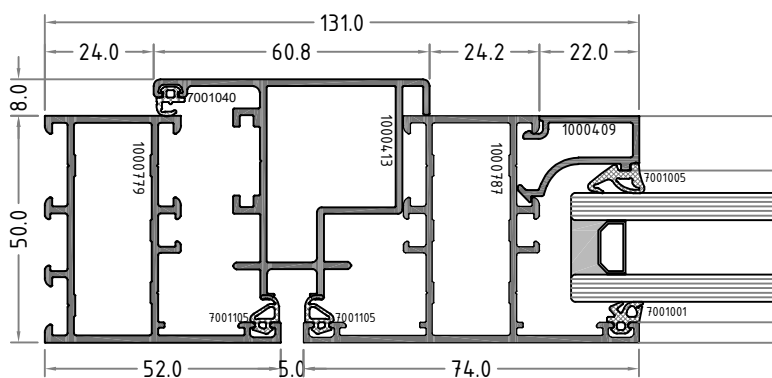
1000778 - 1000779 - 1000885

Usable Sashes :

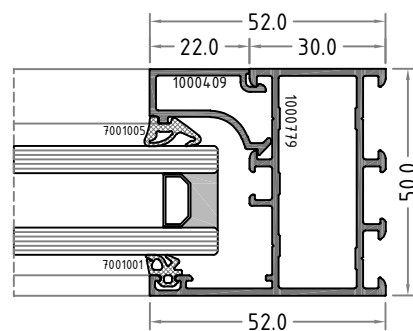
1000787 - 1000788

Usable Frame Mullion Transom :

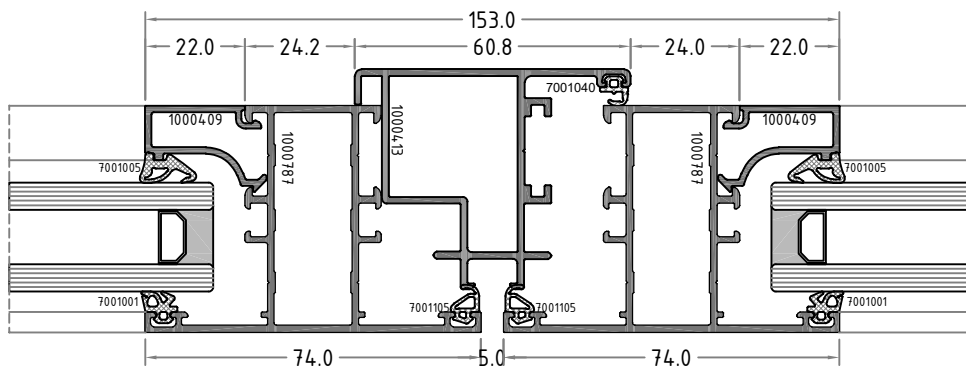
1000787 - 1000788



Section A



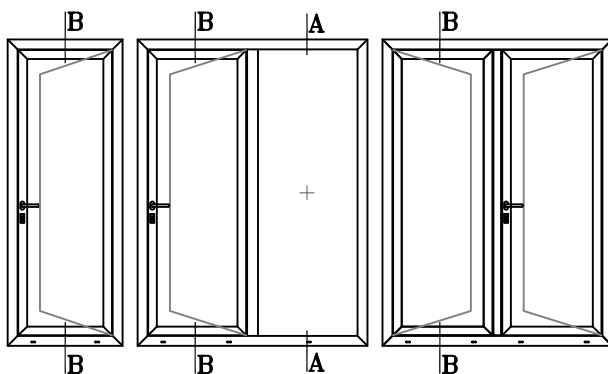
Section B



Section C

SECTIONS

Series GC50

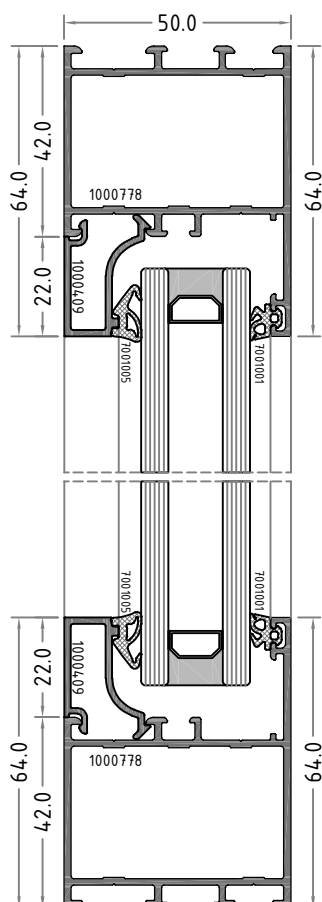


Usable Frames :

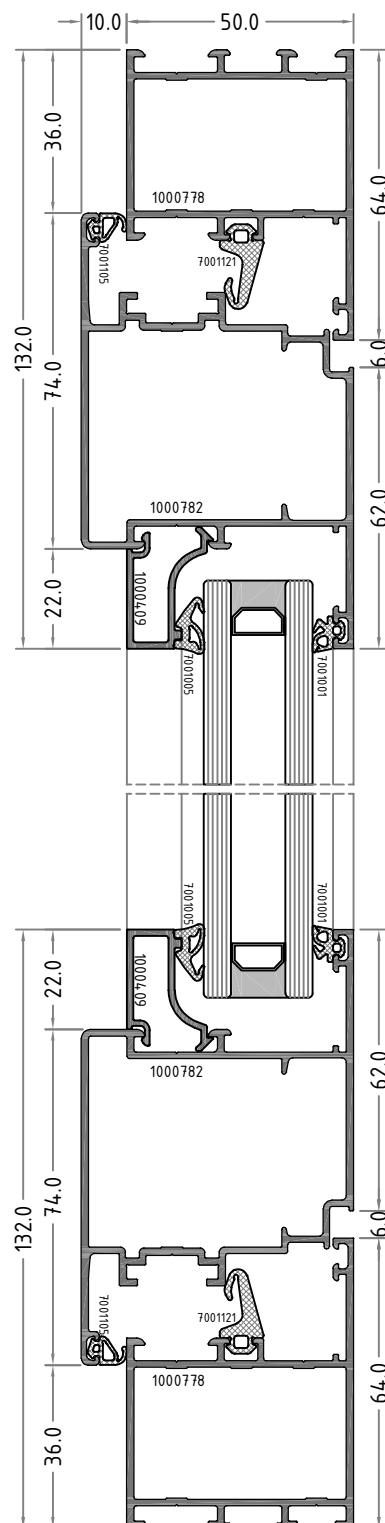
1000778 - 1000779 - 1000885

Usable Sash :

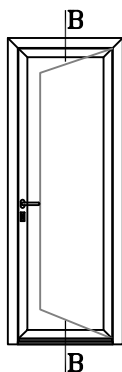
1000782



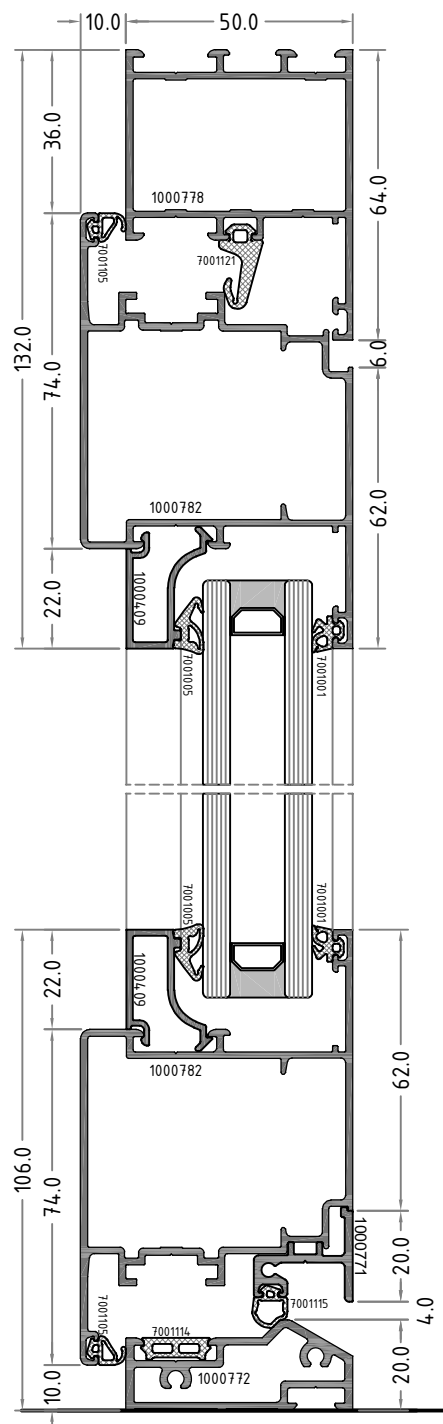
Section A-A



Section B-B



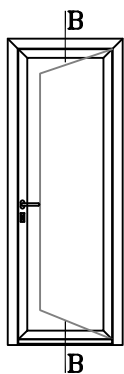
Usable Frames :
1000778 - 1000779 - 1000885
Usable Sash :
1000782



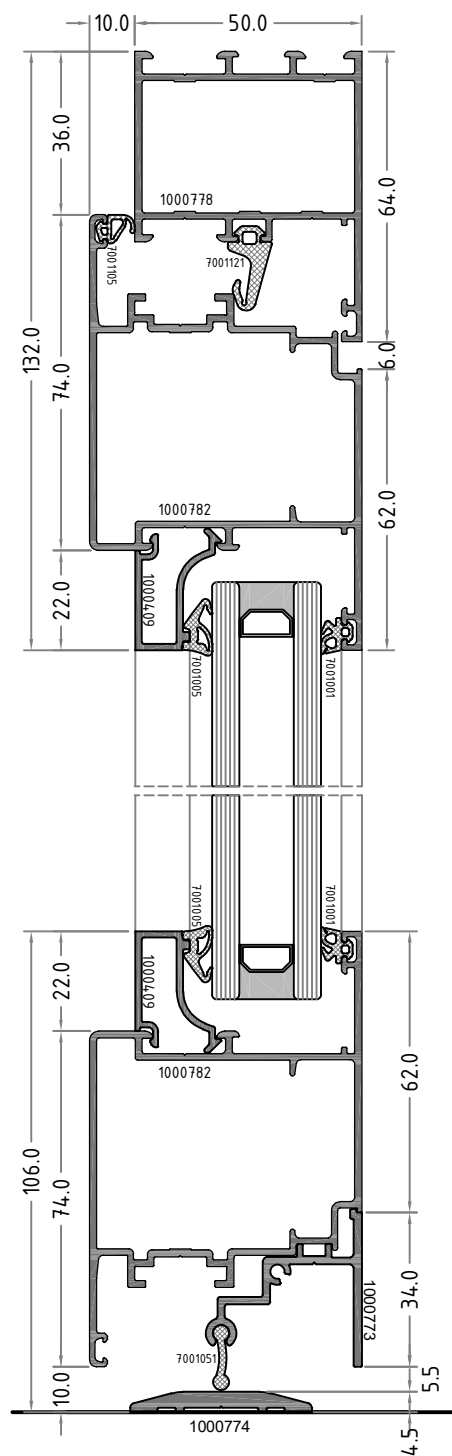
Section B-B

SECTIONS

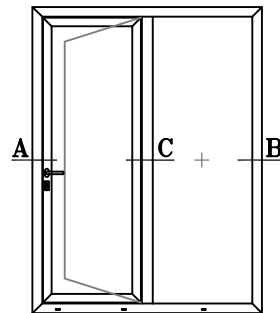
Series GC50



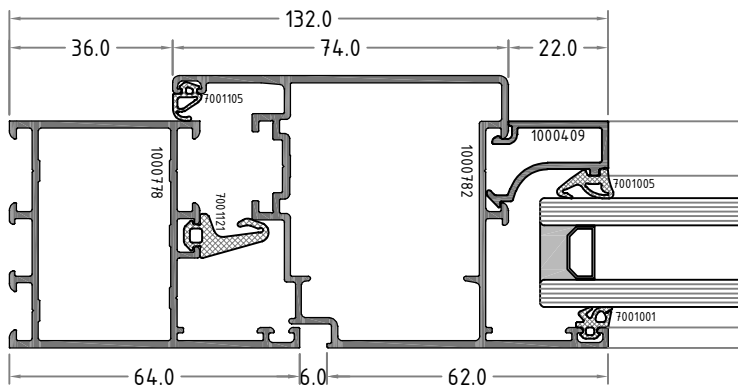
Usable Frames :
1000778 - 1000779 - 1000885
Usable Sash :
1000782



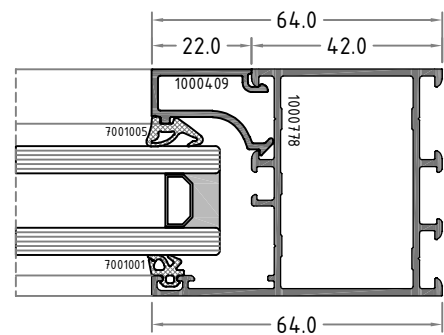
Section B-B



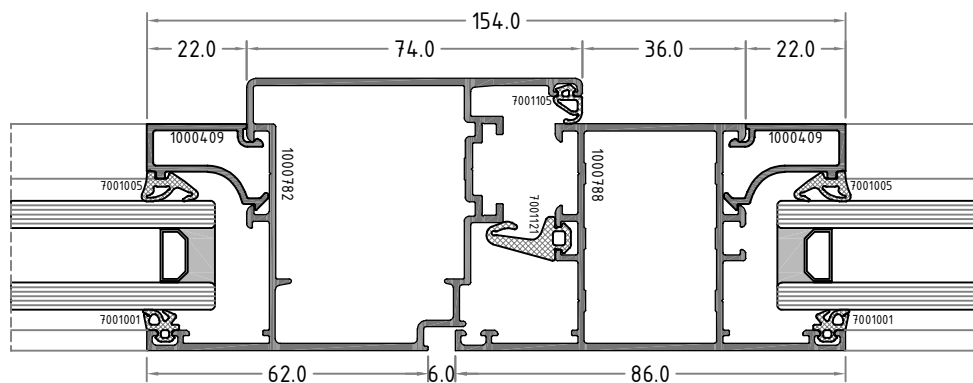
Usable Frames :
1000778 - 1000779 - 1000885
Usable Sash :
1000782
Usable Frame Mullion Transom :
1000787 - 1000788



Section A



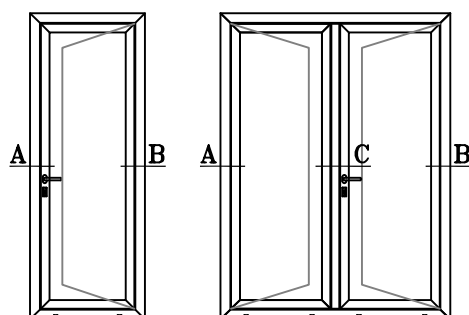
Section B



Section C

SECTIONS

Series GC50

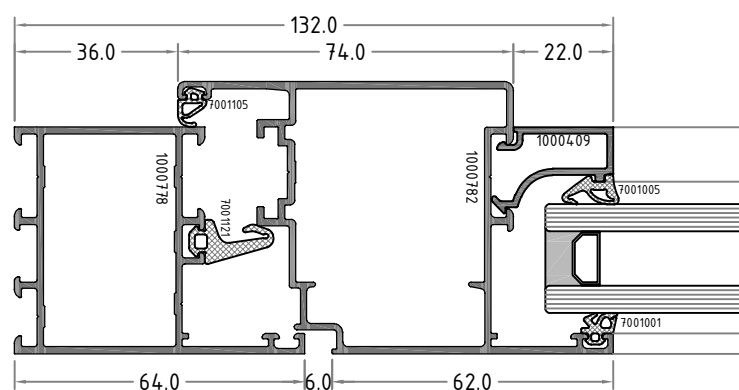


Usable Frames :

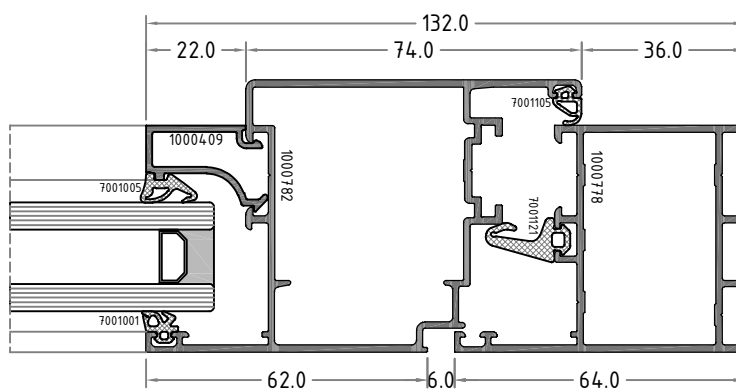
1000778 - 1000779 - 1000885

Usable Sash :

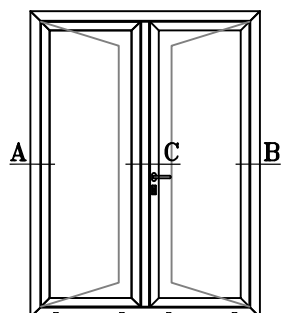
1000782



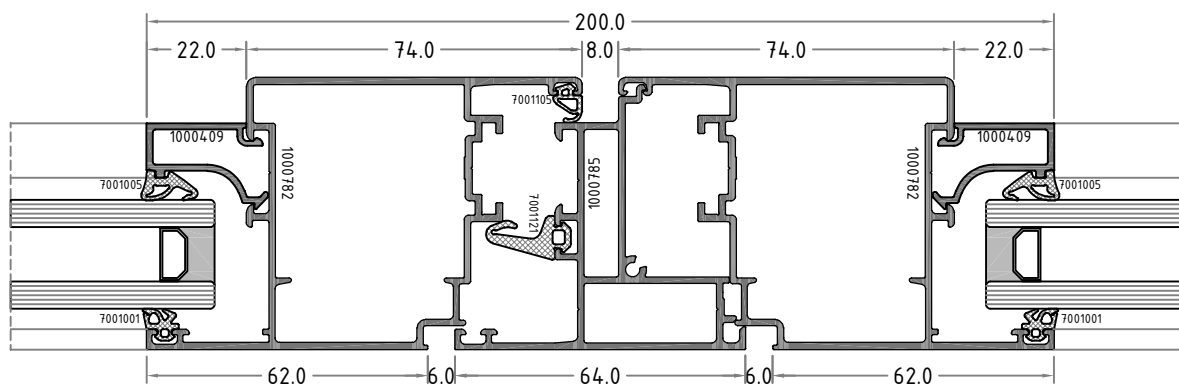
Section A



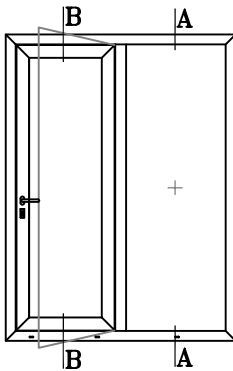
Section B



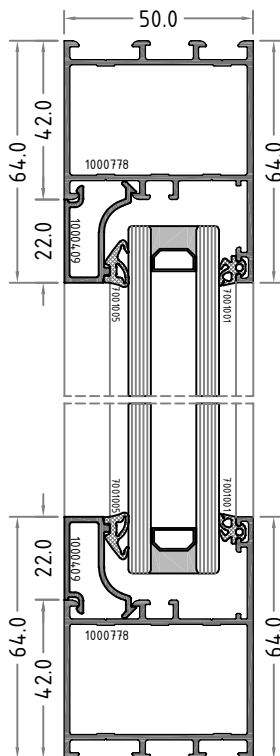
Usable Frames :
1000778 - 1000779 - 1000885
Usable Sash :
1000782



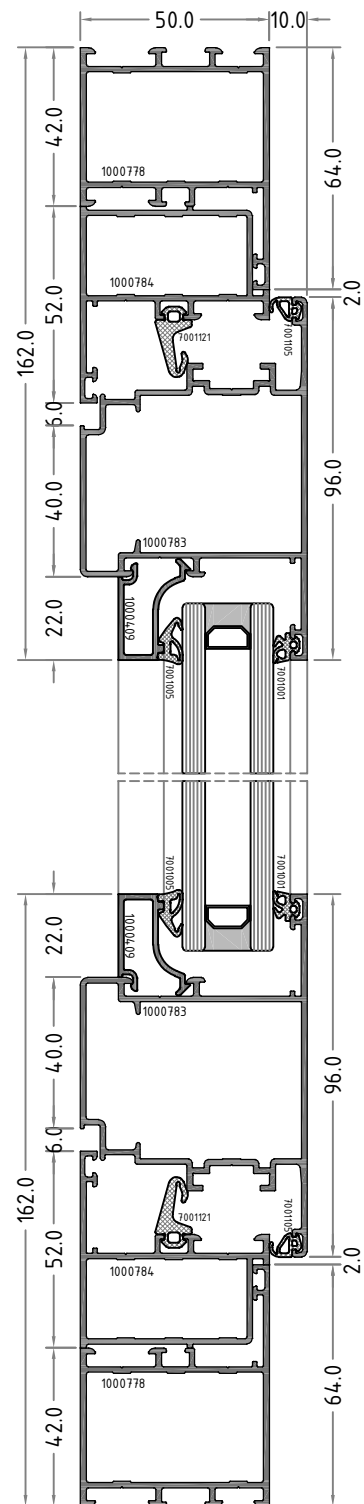
Section C



Usable Frames :
1000778 - 1000779 - 1000885
Usable Sash :
1000783

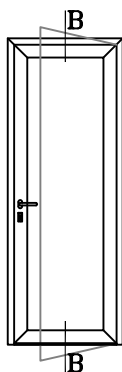


Section A-A



Section B-B

Series GC50

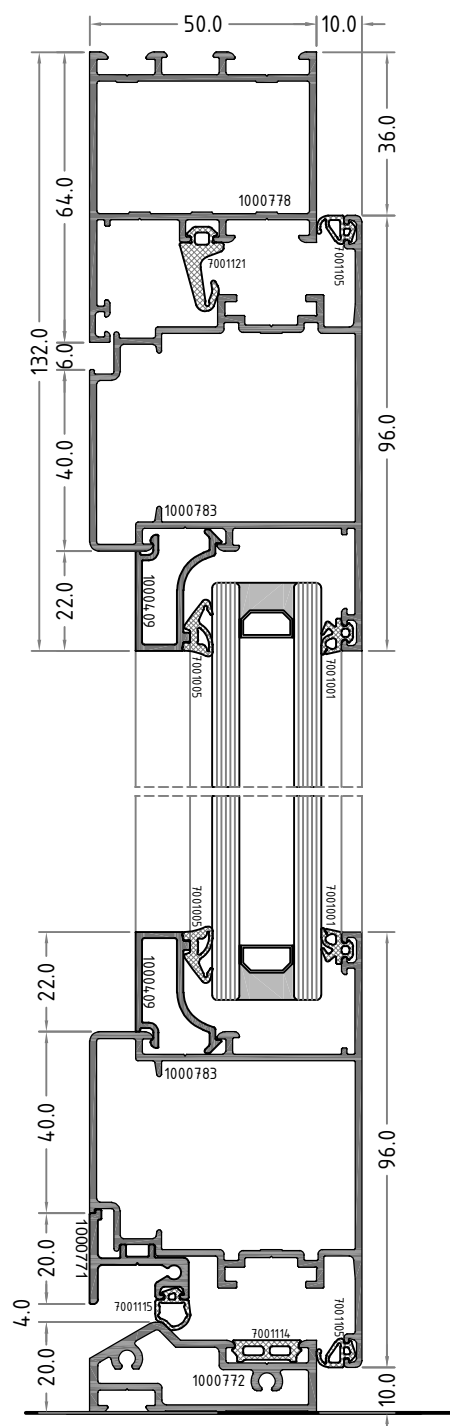


Usable Frames :

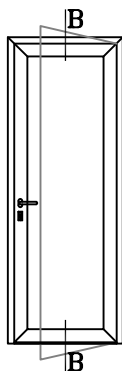
1000778 - 1000779 - 1000885

Usable Sash :

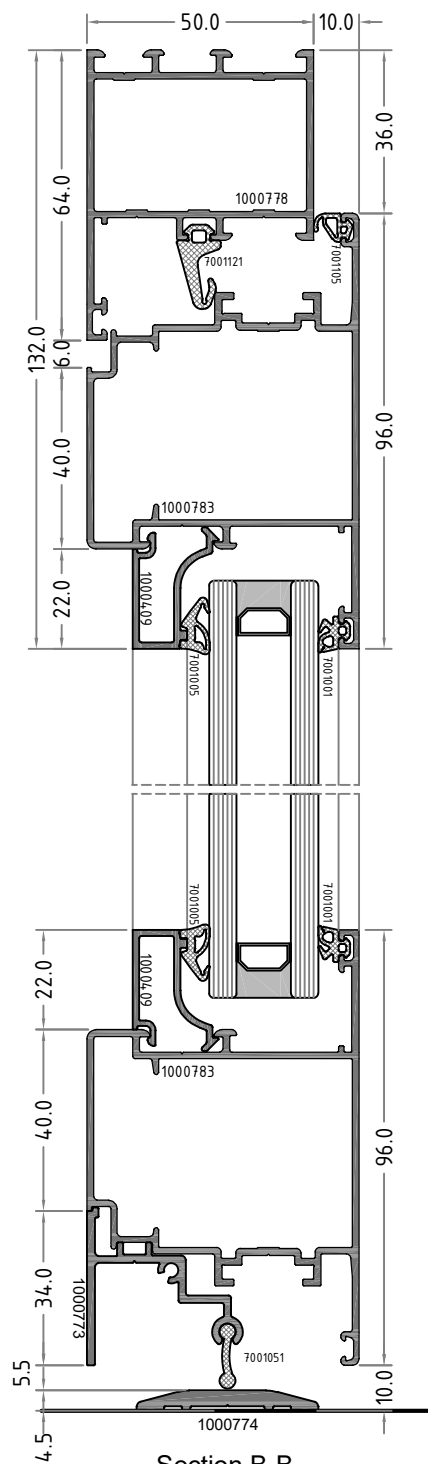
1000783



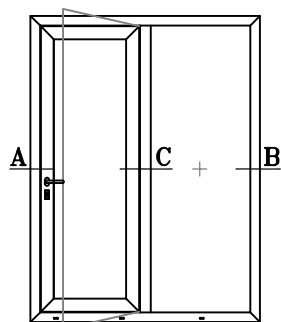
Section B-B



Usable Frames :
1000778 - 1000779 - 1000885
Usable Sash :
1000783



Section B-B



Usable Frames :

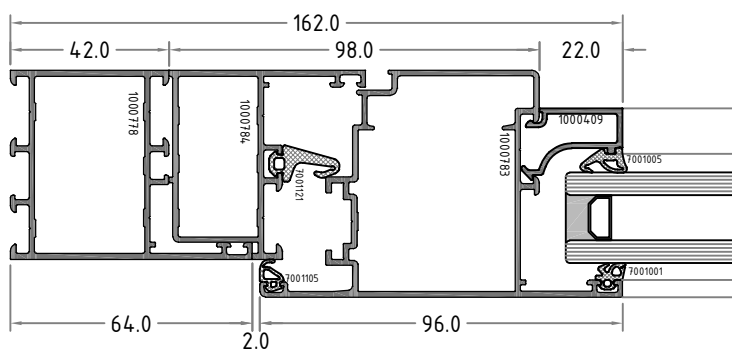
1000778 - 1000779 - 1000885

Usable Sash :

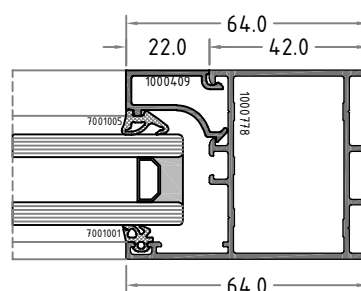
1000783

Usable Frame Mullion Transom :

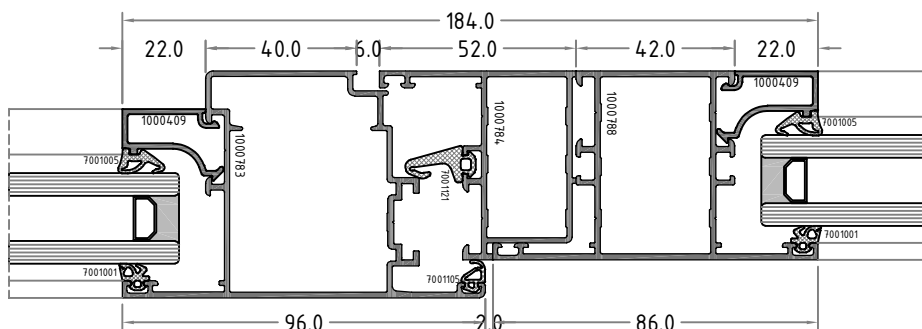
1000787 - 1000788



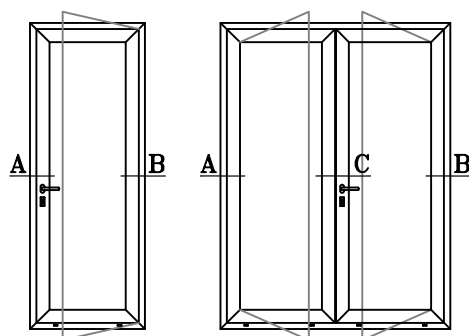
Section A



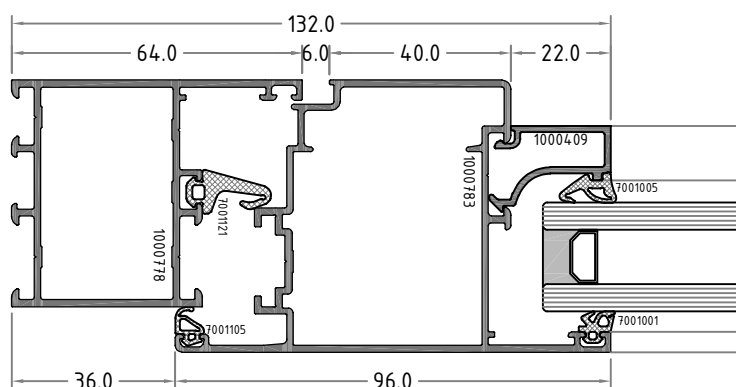
Section B



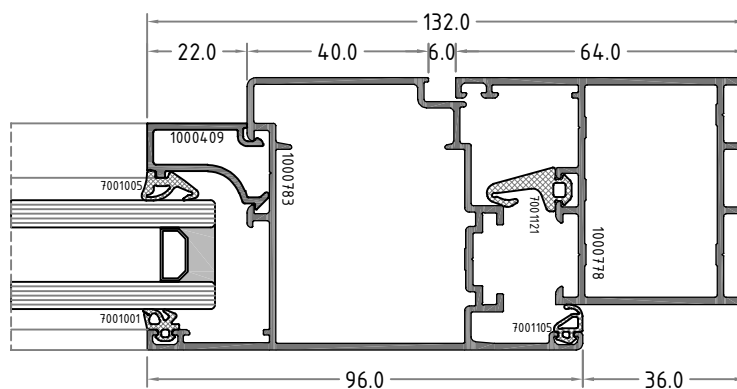
Section C



Usable Frames :
1000778 - 1000779 - 1000885
Usable Sash :
1000783



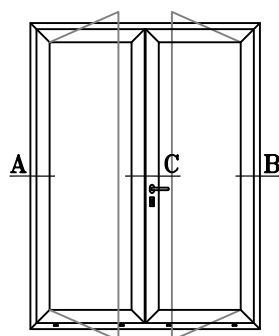
Section A



Section B

SECTIONS

Series GC50

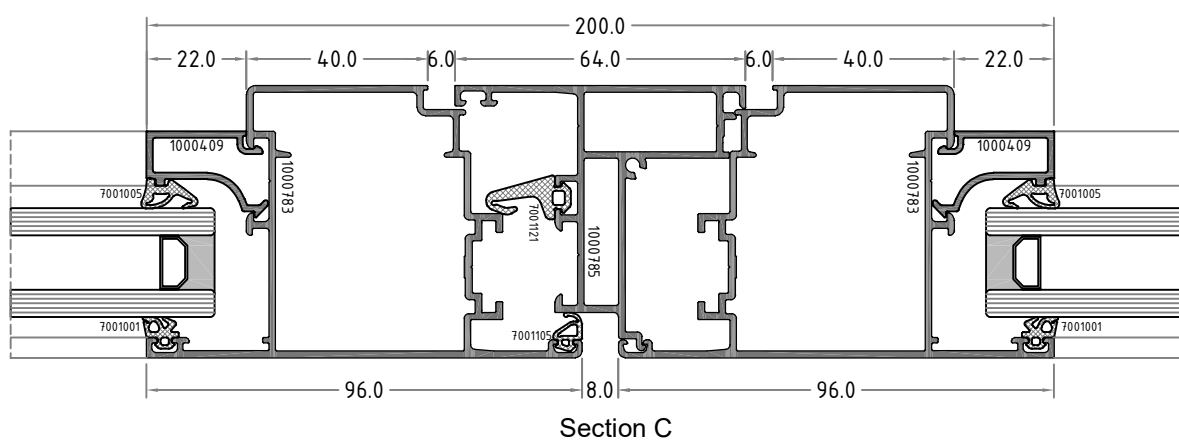


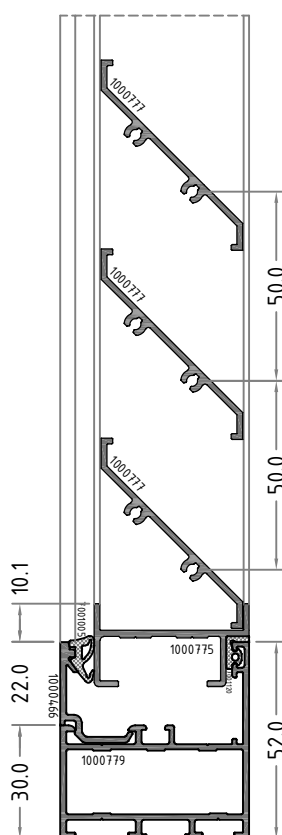
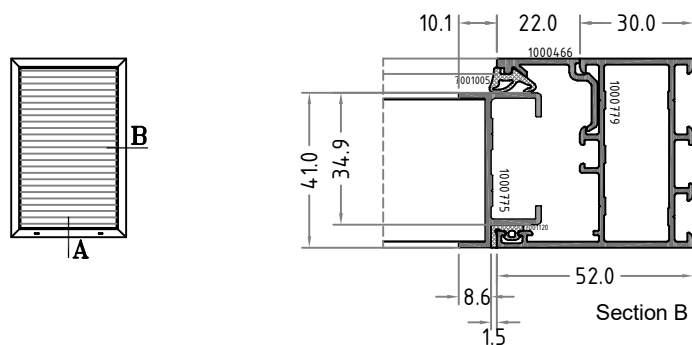
Usable Frames :

1000778 - 1000779 - 1000885

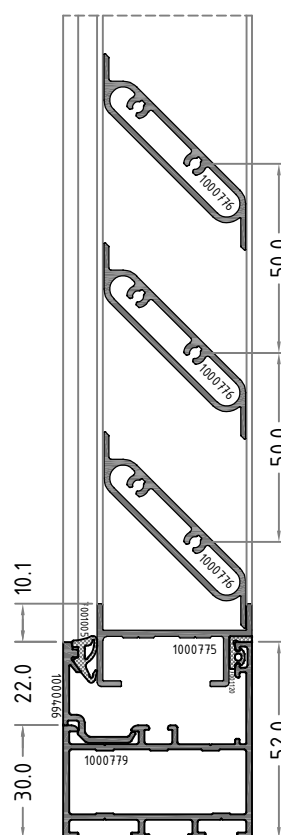
Usable Sash :

1000783





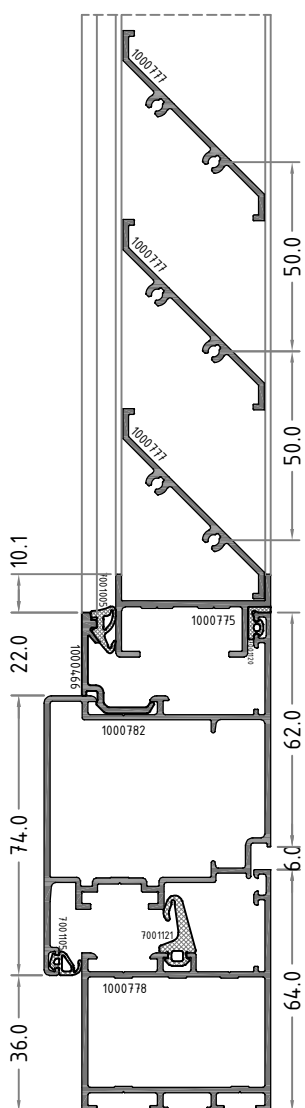
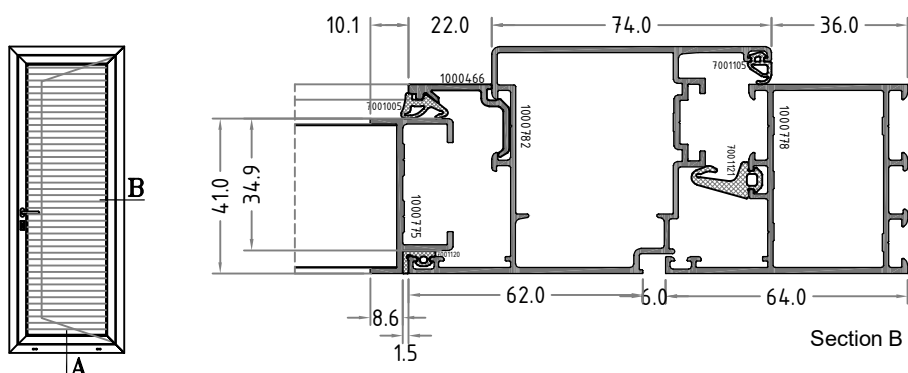
Section A
Option 1



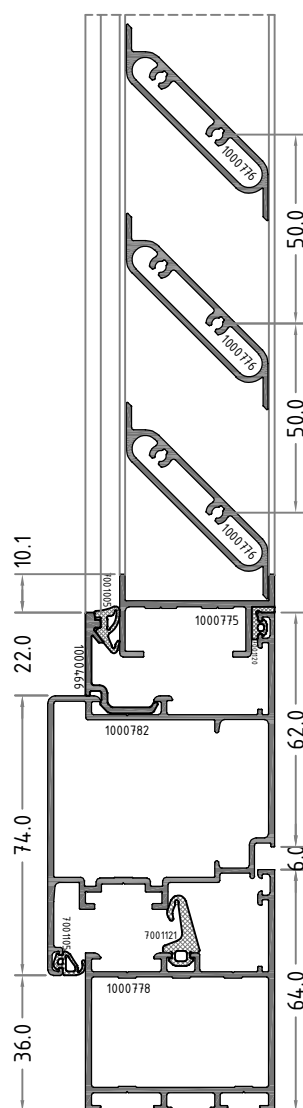
Section A
Option 2

SECTIONS

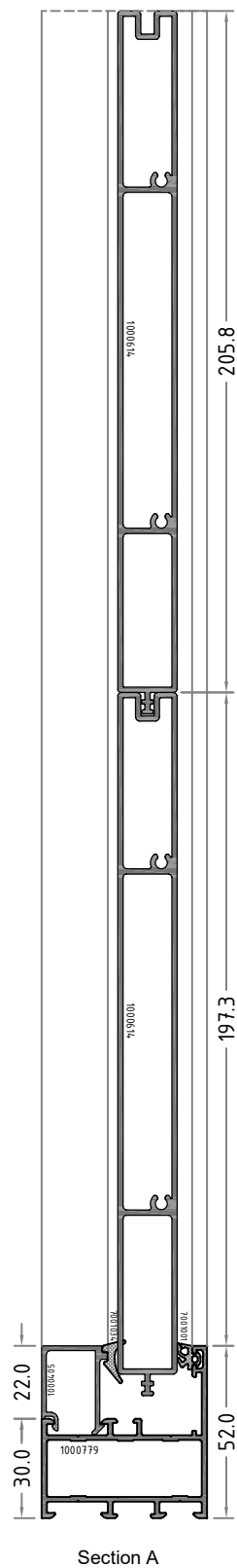
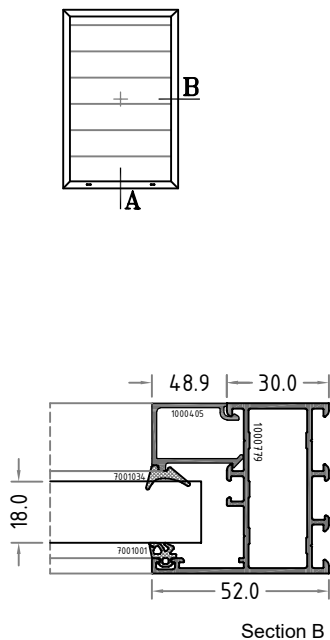
Series GC50



Section A
Option 1

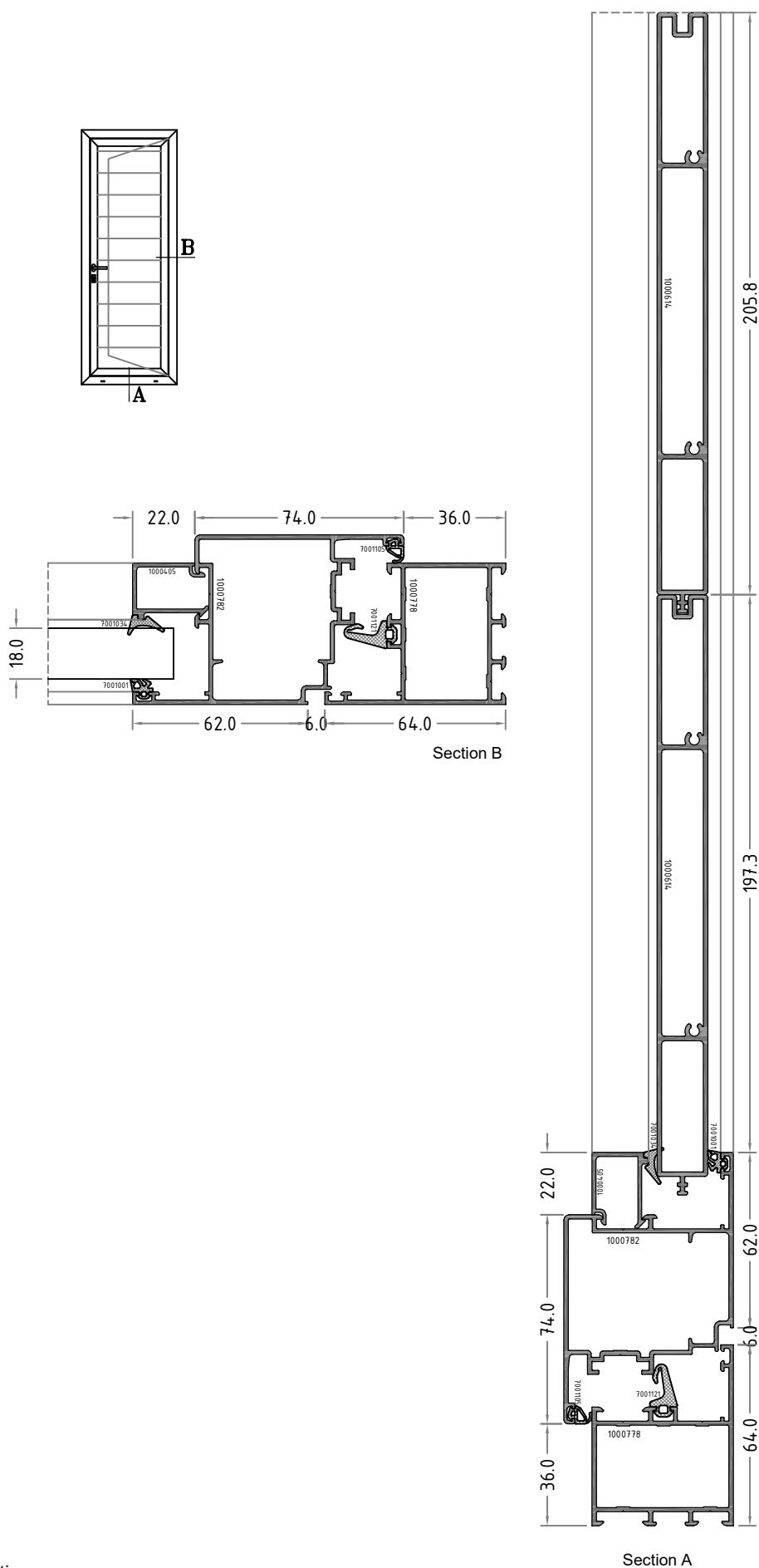


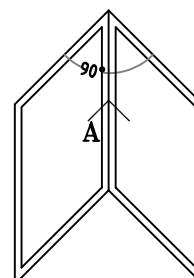
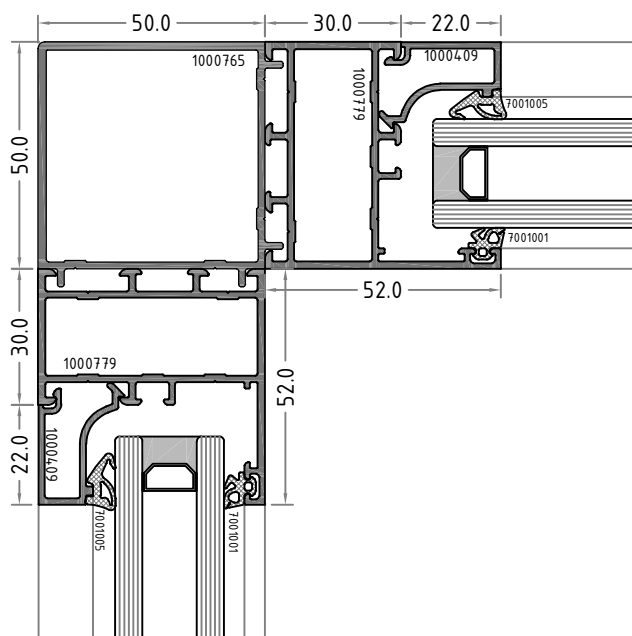
Section A
Option 2



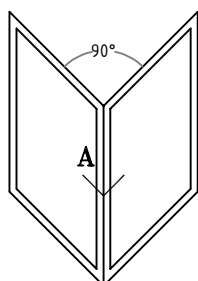
SECTIONS

Series GC50

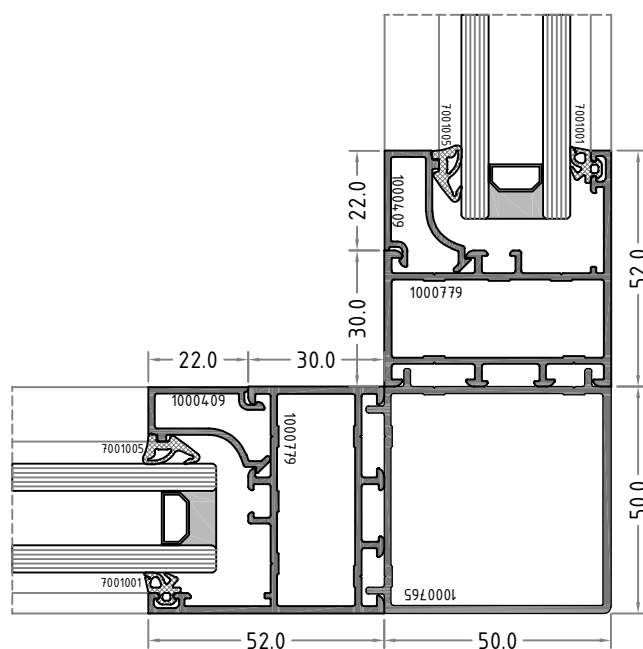


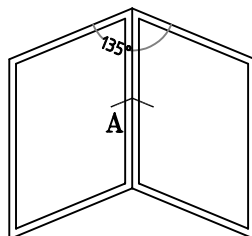


Inner 90 Degree Coupling

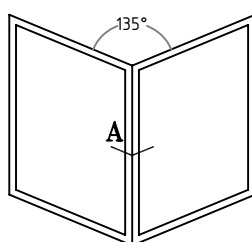
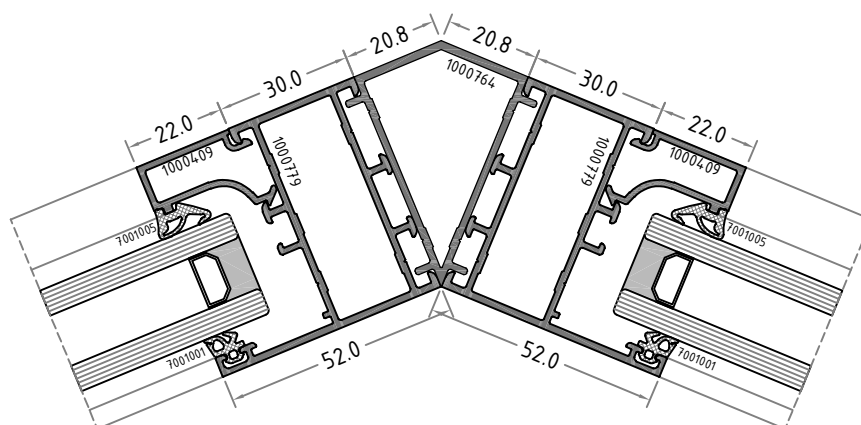


Outer 90 Degree Coupling

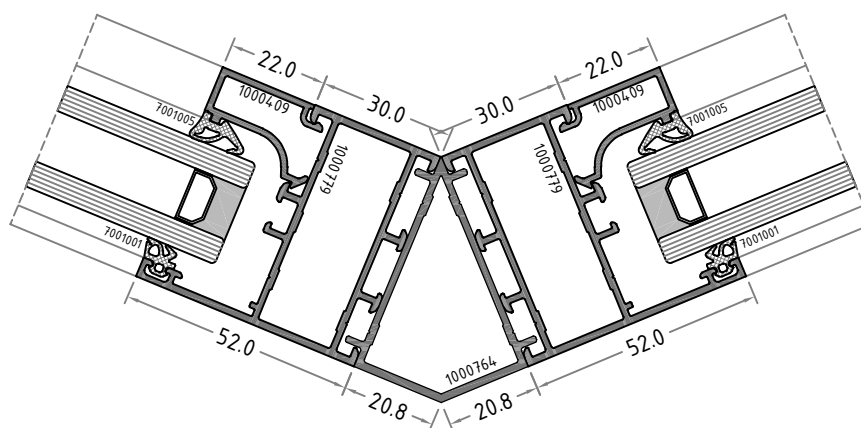


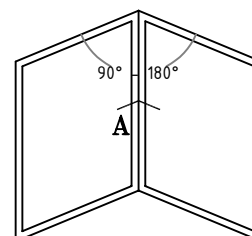
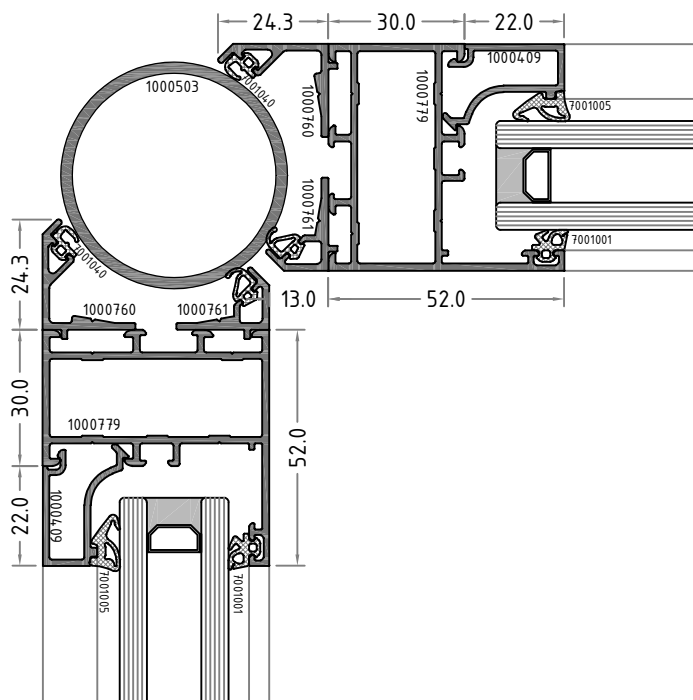


Inner 135 Degree Coupling

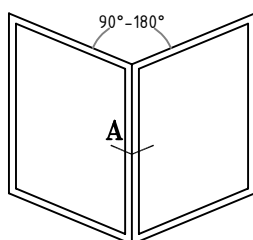


Outer 135 Degree Coupling

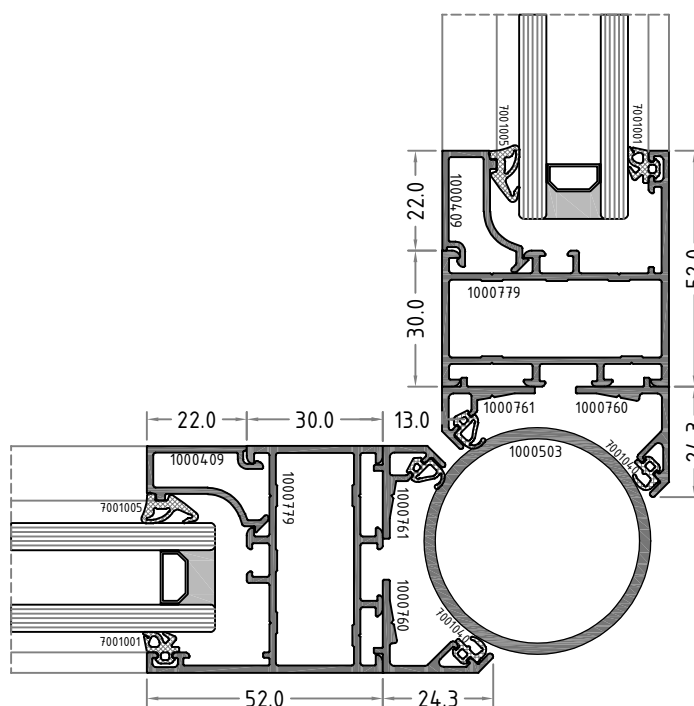




Inner Round Coupling

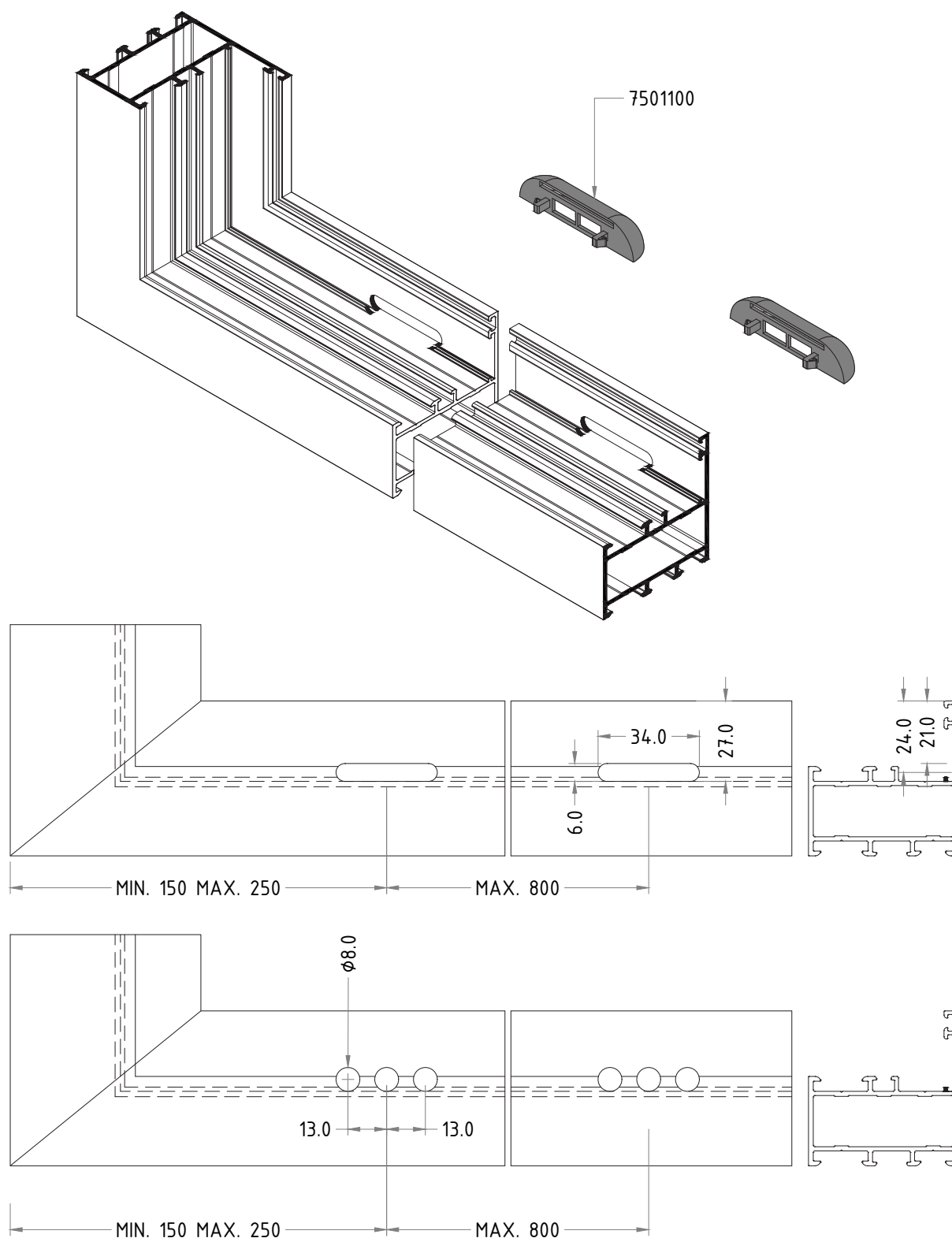


Outer Round Coupling



Processing Data

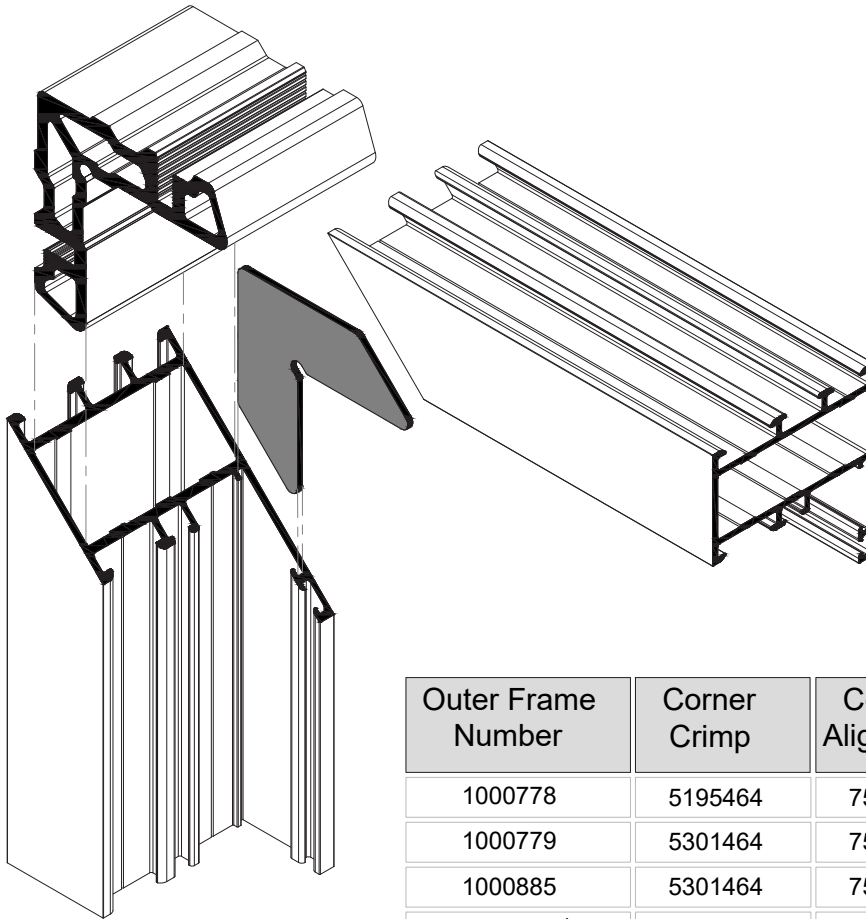
Frame Drainage Detail



Processing Data

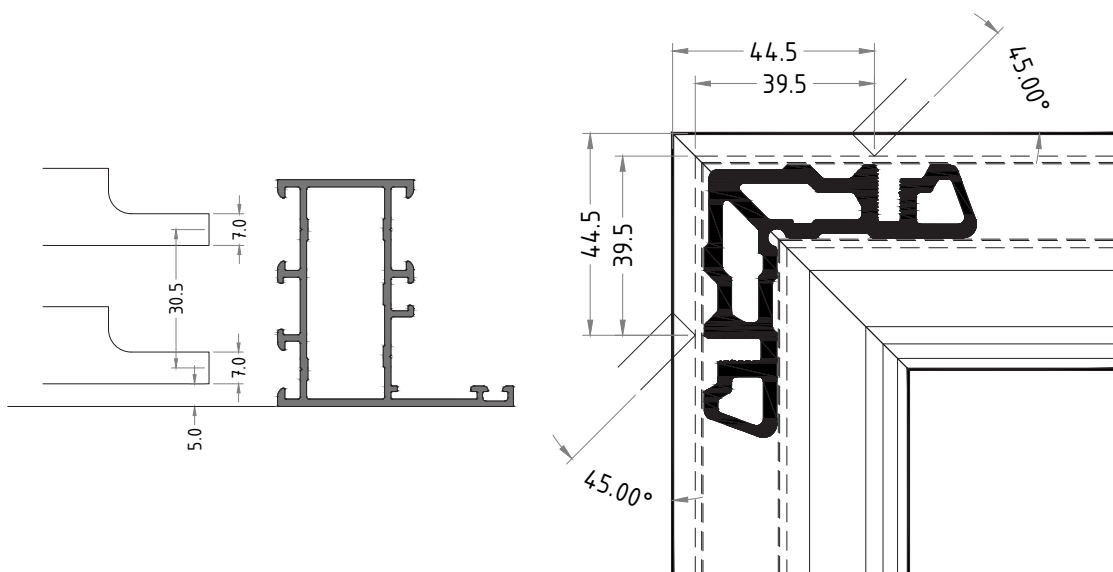
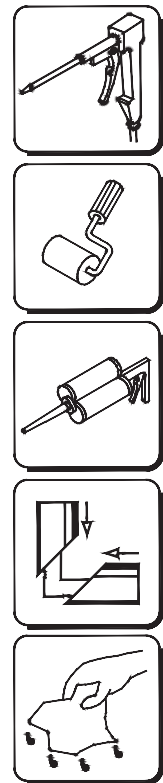
Corner Crimping Detail

Outer Frames



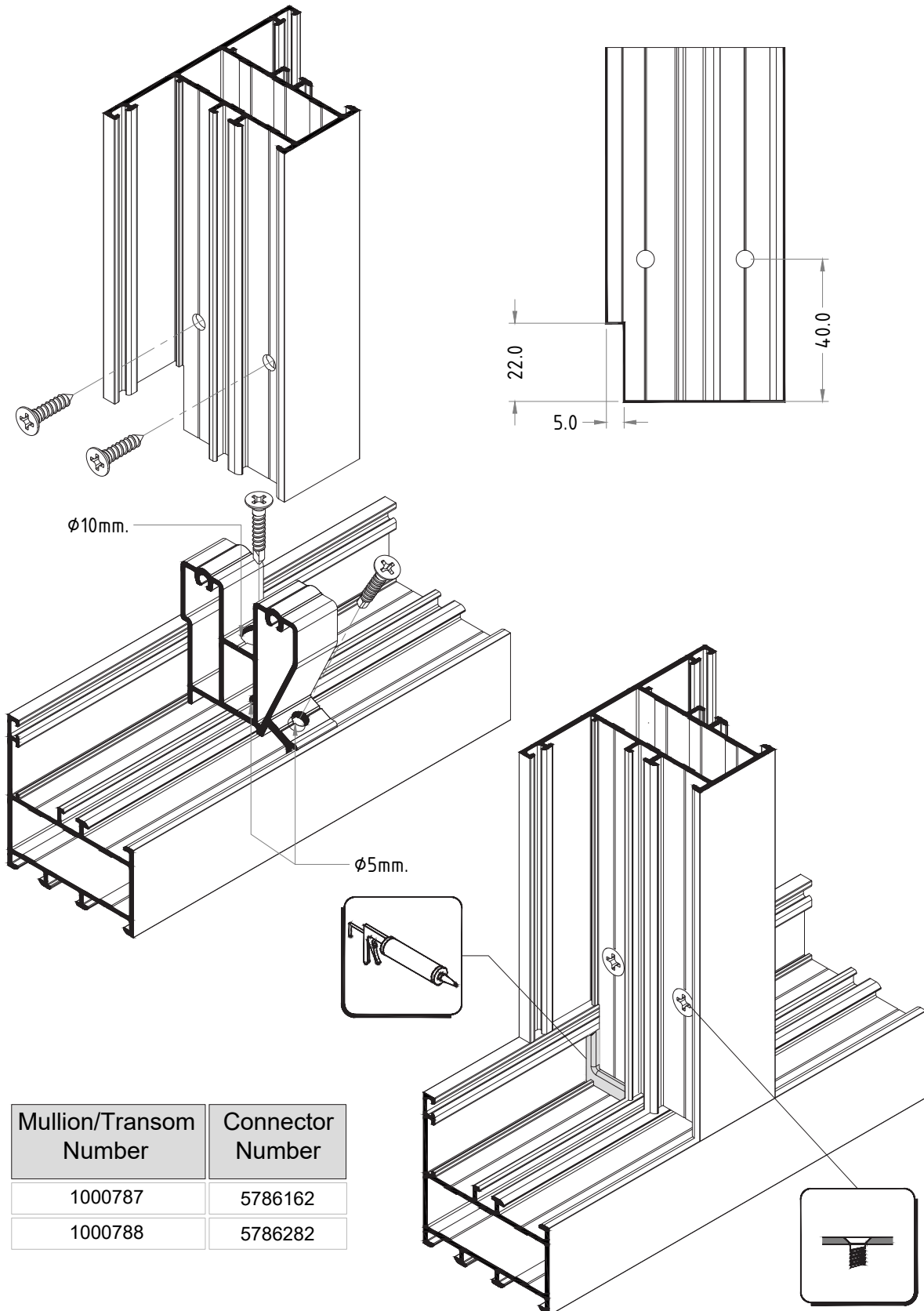
Outer Frame Number	Corner Crimp	Corner Alignment
1000778	5195464	7501020
1000779	5301464	7501020
1000885	5301464	7501020
1000787 *	5301464	7501020 x 2
1000788 *	5195464	7501020 x 2

* While using as pivot sash / outer frame



Processing Data

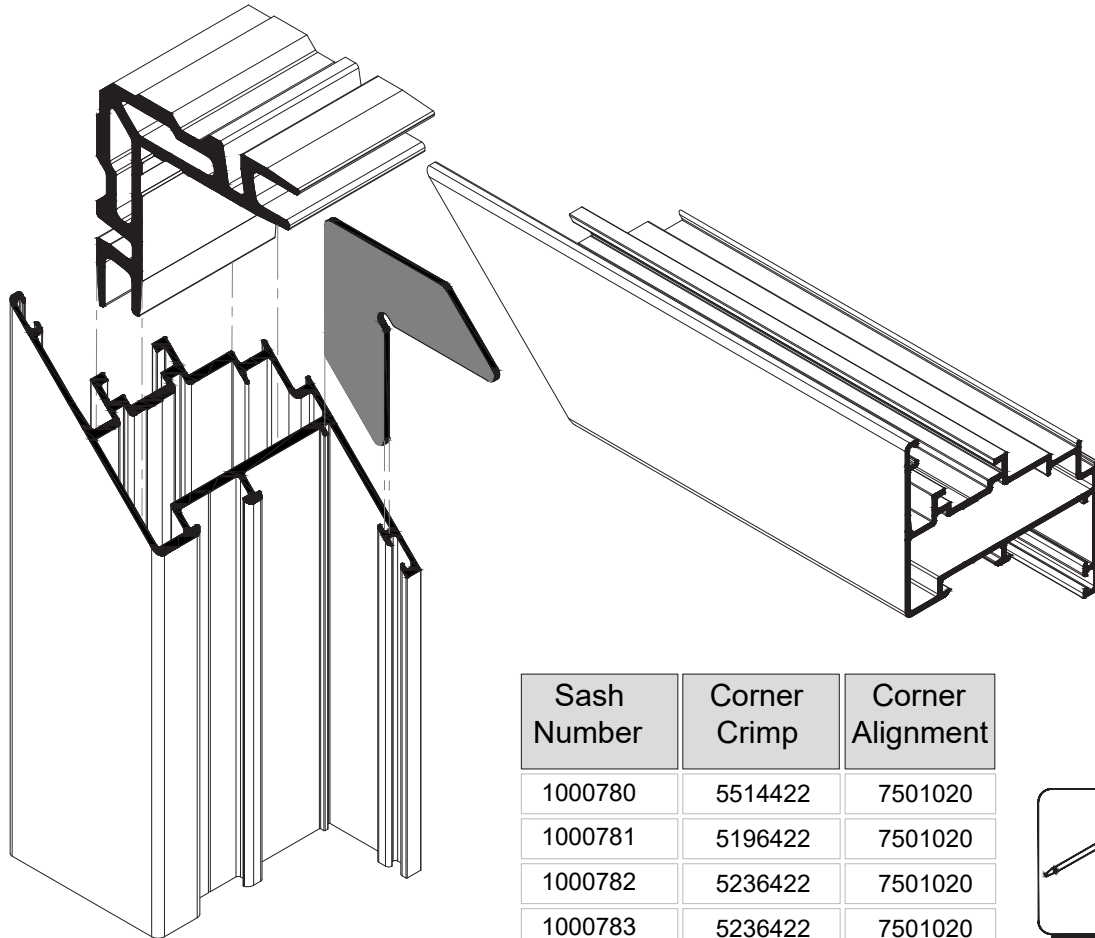
Mullion/Transom Connection Detail



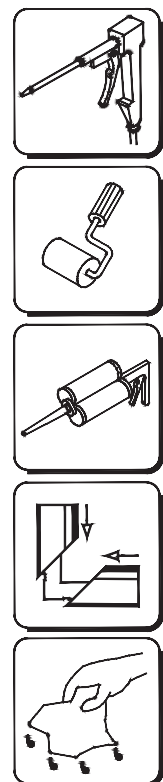
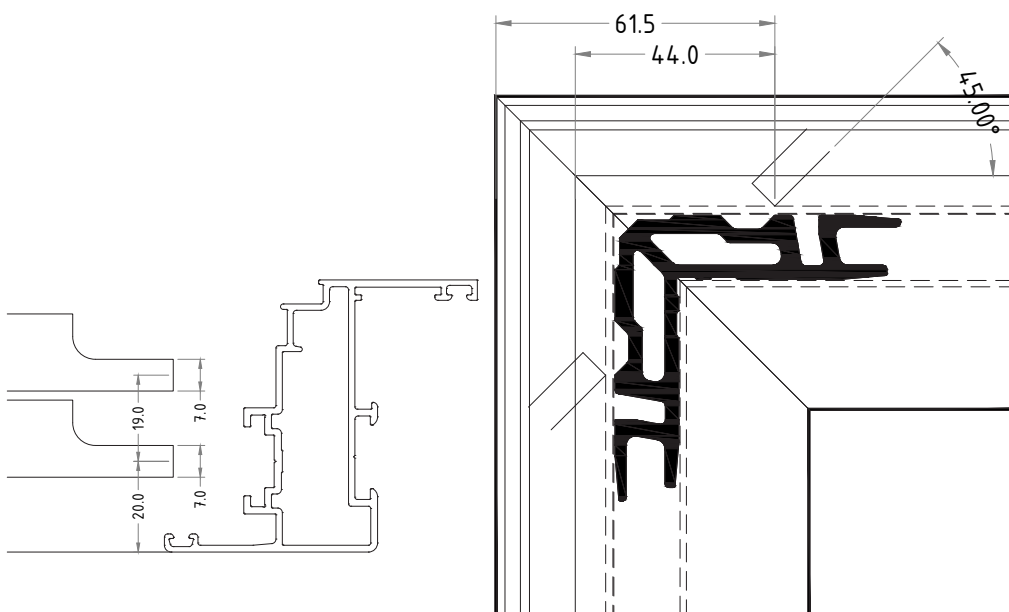
Mullion/Transom Number	Connector Number
1000787	5786162
1000788	5786282

Processing Data

Sash Corner Crimping Detail

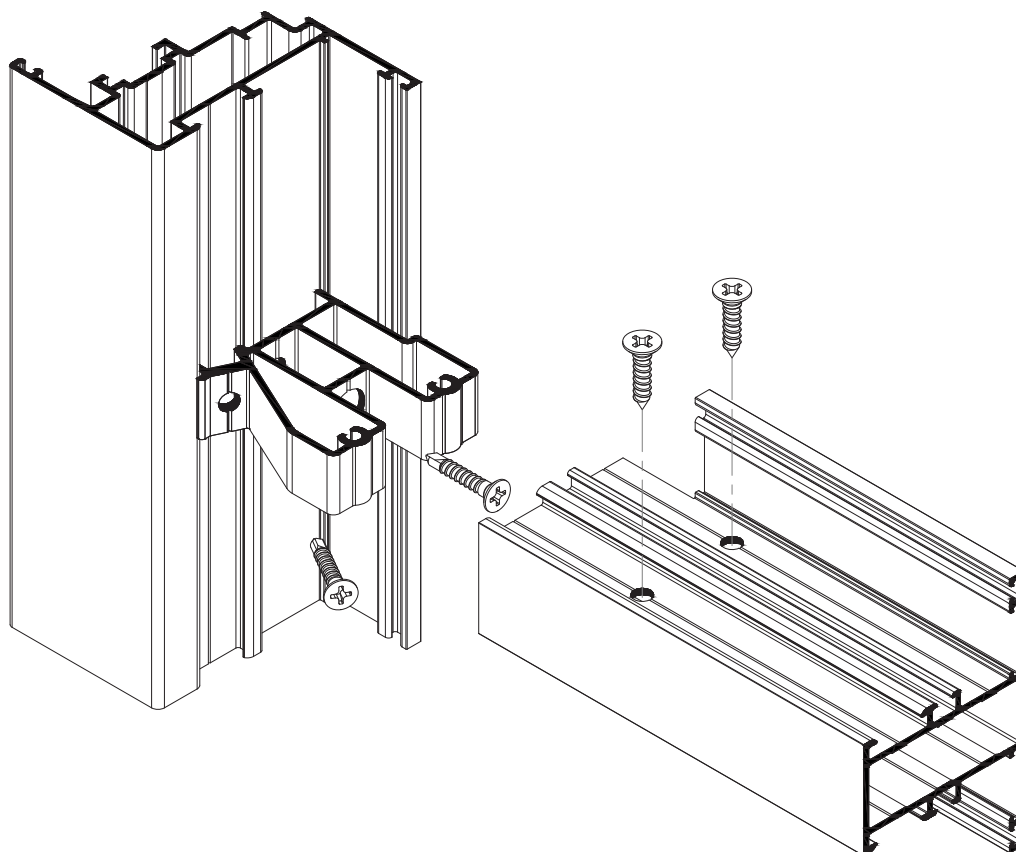


Sash Number	Corner Crimp	Corner Alignment
1000780	5514422	7501020
1000781	5196422	7501020
1000782	5236422	7501020
1000783	5236422	7501020



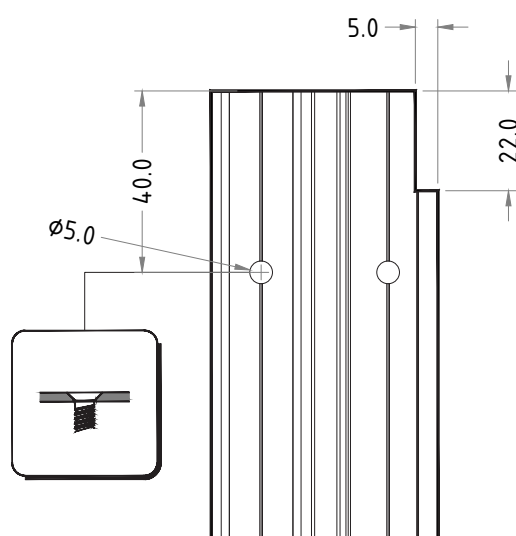
Processing Data

Mullion/Transom Connection Detail

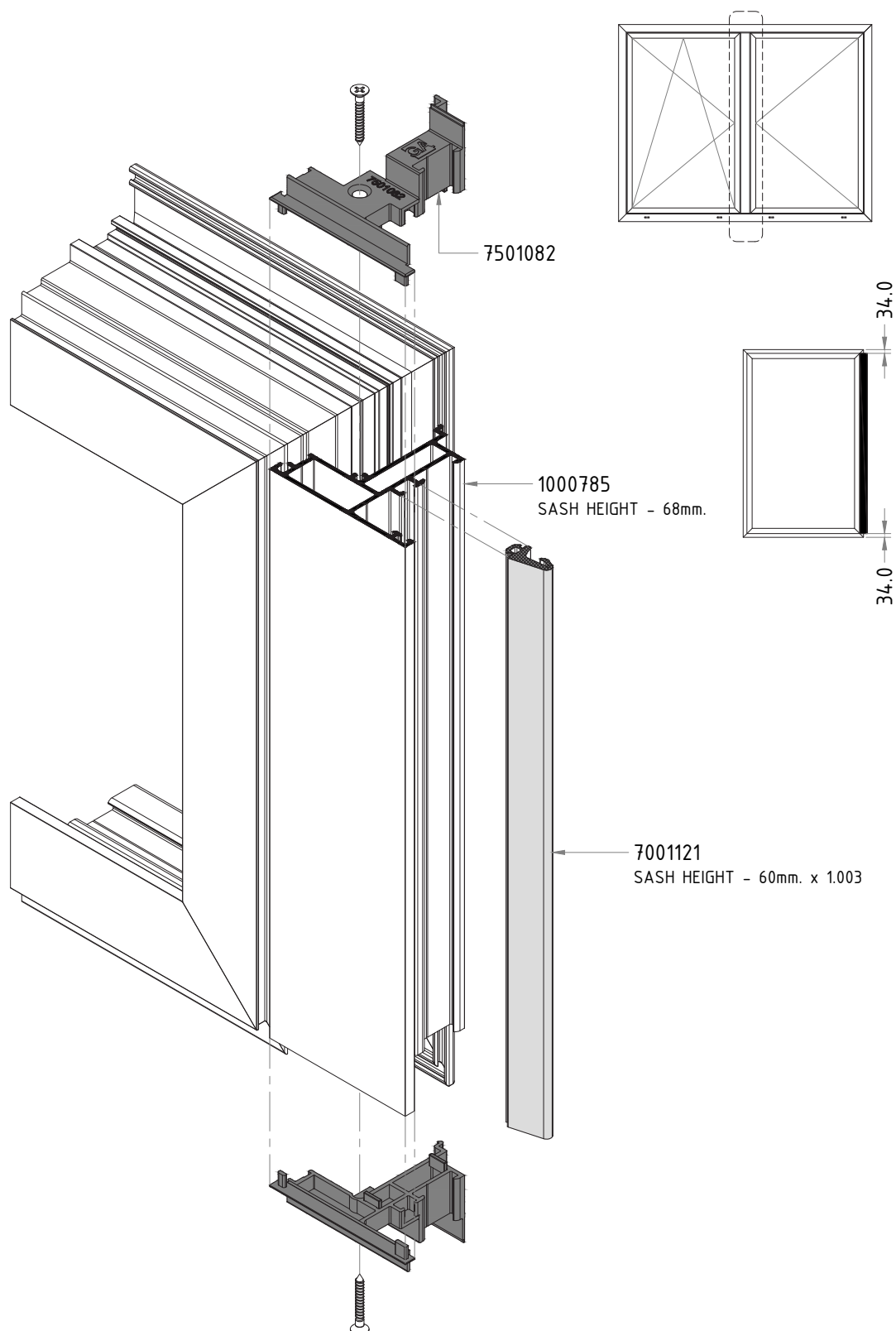


Mullion/Transom Number	Connector Number
1000787	5786162
1000788	5786282

This connection concept will use for all sashes including inward and outward openings

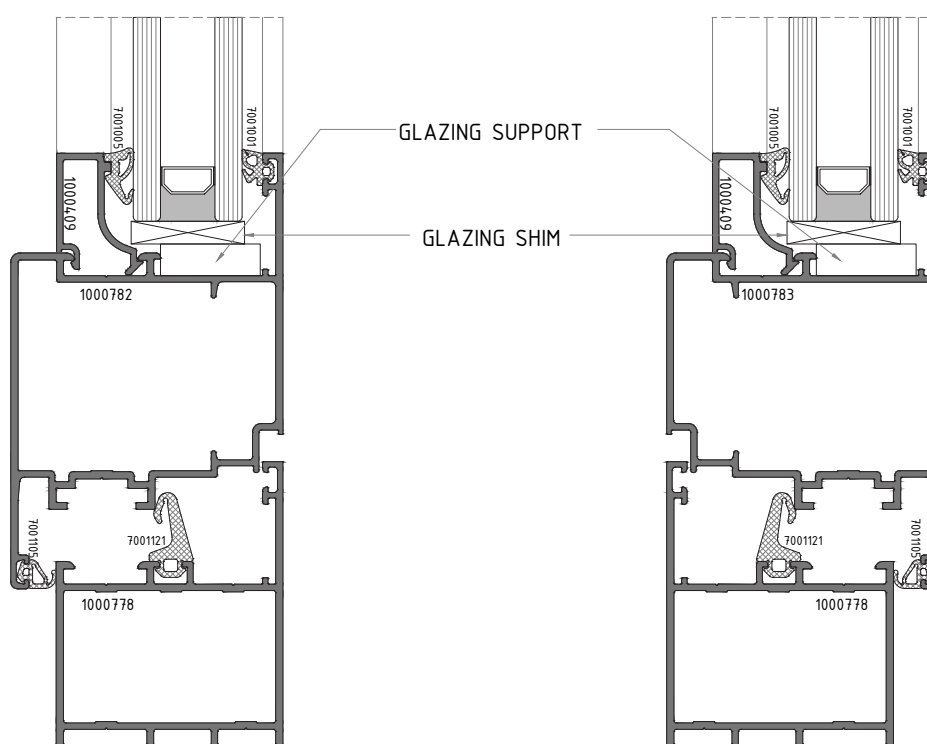
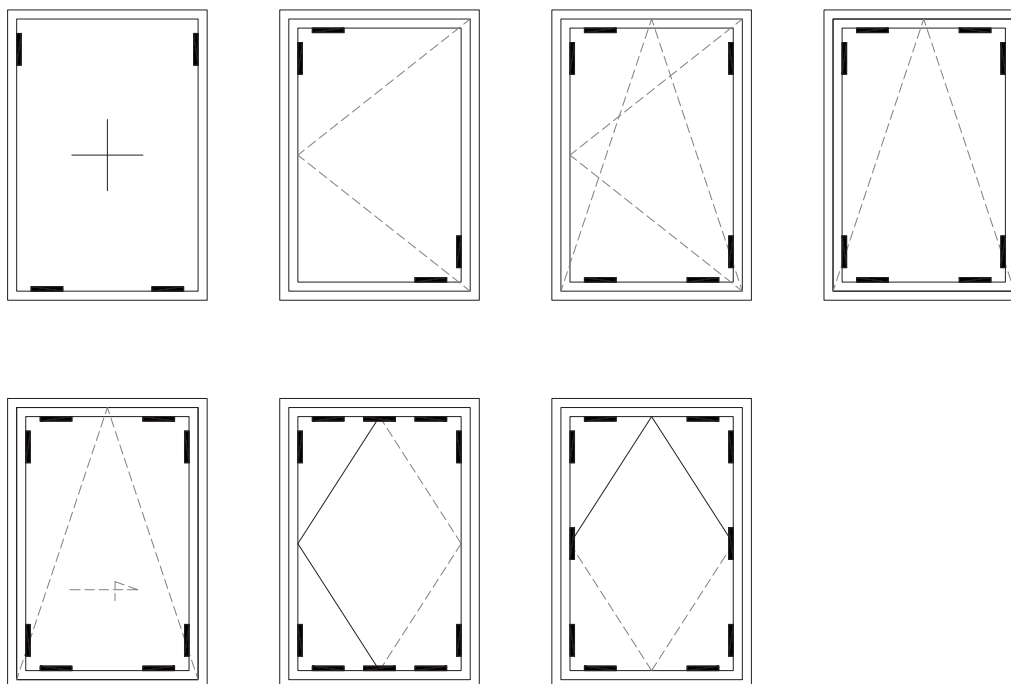


Processing Data
French Windows and Doors
Meeting Profile Detail

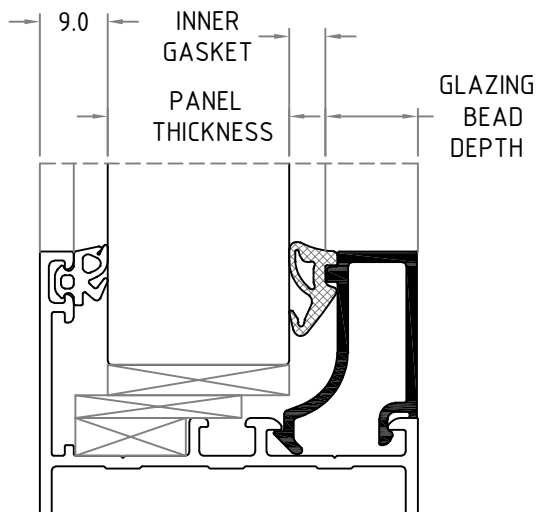
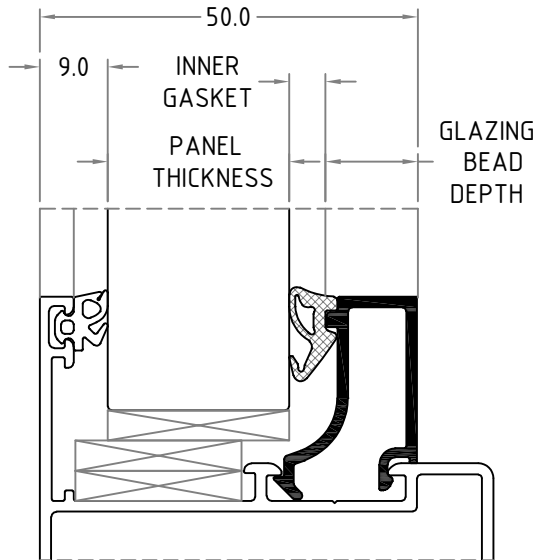


Processing Data

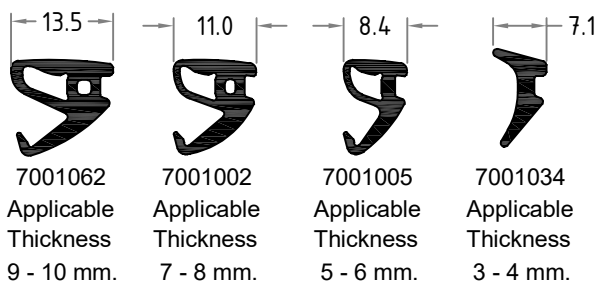
Glazing support-shim positions



GC 50 Glazing Table
Frames / Mullions / Transoms/ Sashes



Panel Thickness	Inner Gasket Number	Inner Gasket Thickness	Inner Glazing Profile	Inner Glazing Depth
4 mm.	7001062	9 mm.	1000414	28 mm.
6 mm.	7001002	7 mm.	1000414	28 mm.
8 mm.	7001005	5 mm.	1000414	28 mm.
10 mm.	7001062	3 mm.	1000414	28 mm.
12 mm.	7001062	9 mm.	1000405	20 mm.
14 mm.	7001062	7 mm.	1000405	20 mm.
16 mm.	7001005	5 mm.	1000405	20 mm.
18 mm.	7001034	3 mm.	1000405	20 mm.
20 mm.	7001062	9 mm.	1000409	12 mm.
22 mm.	7001002	7 mm.	1000409	12 mm.
24 mm.	7001005	5 mm.	1000409	12 mm.
26 mm.	7001034	3 mm.	1000409	12 mm.
28 mm.	7001062	9 mm.	1000466	4 mm.
30 mm.	7001002	7 mm.	1000466	4 mm.



NOTE:
Tolerance of configurations is ± 1 mm.