



GlobAlum
Globaly Aluminum Passion



CASEMENT SERIES GC77

Profiles

01-23

Sections

24-50

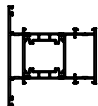
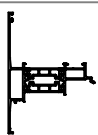
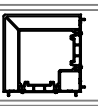
Glazing Table

51-53

PROFILES :

Number	Shape	DESCRIPTION	Corner Nail / Crimp	Corner Alignment	T.Connector
2117710		Frame profile 54/32	5767182 5767122	7501020	—
2117711		Frame profile 64/42	5195182 5195122	7501020	—
2117712		Frame profile 77/55	5236182 5236122	7501020	—
2117713		HV Frame profile 82/32	5767182 5767122	7501020	—
2217710		Sash profile 37/49	5767282 5766072	7501011	—
2217711		Sash profile 47/59	5195282 5732072	7501011	—
2217712		HV Sash profile 16/62	5301141 5301277 5487071	—	—
2317710		Sash profile 68/80	5260282 5236072	7501011	—
2417710		Mullion/Transom 76/32	—	—	5824180 5823180
2417711		Mullion/Transom 86/42	—	—	5824280 5823280
2417712		Mullion/Transom 99/55	—	—	5824410 5823410
2417713		HV Mullion/Transom 132/32	—	—	5824180 5823180
2417714		HV Mullion/Transom 104/32	—	—	5824180 5823180

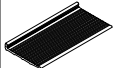
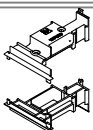
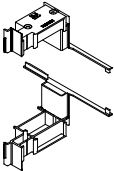
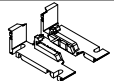
PROFILES :

Number	Shape	DESCRIPTION	Corner Nail / Crimp	Corner Alignment	T.Connector
2417715		Sash Mullion/Transom 76/32	—	—	5824180 5823180
2417716		Sash Mullion/Transom 99/55	—	—	5824410 5823410
2617710		Meeting profile	—	—	—
2617711		HV Meeting profile	—	—	—
2617712		Pivot sash adaptor	5196282	—	—
2617713		Outward adaptor Profile	5767130 5767122	—	—
2617714		Threshold profile	—	—	—
2617715		90 Degree Coupling	—	—	—
2617716		135 Degree Coupling	—	—	—
2617717		Round Coupling	—	—	—

PROFILES :

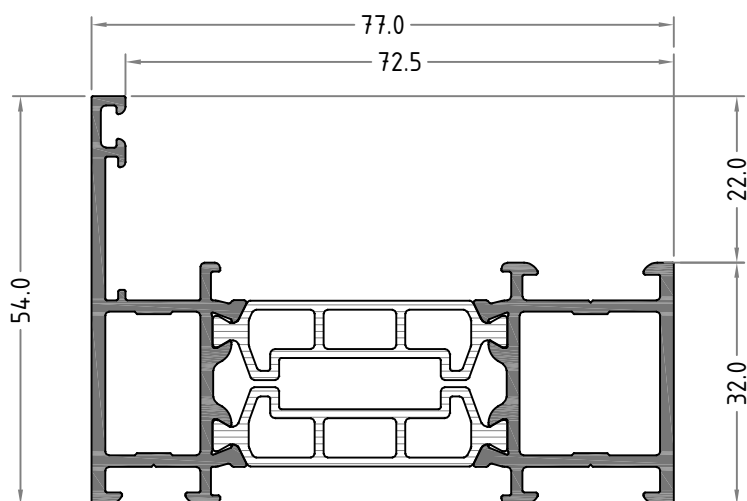
Number	Shape	DESCRIPTION
1000876		Curtain wall adaptor
1000771		Door adaptor profile
1000760		Round Coupling Adaptor
1000761		Round Coupling Adaptor
1000466		Glazing bead 4 mm
1000409		Glazing bead 12 mm
1000840		Glazing bead 16 mm
1000405		Glazing bead 20 mm
1000841		Glazing bead 24 mm
1000414		Glazing bead 28 mm
1000749		Glazing bead 32mm
1000467		Glazing bead 36 mm
1000750		Glazing bead 40mm
1000842		Glazing bead 44 mm
1000822		HV Sash Glazing bead
1000831		Glazing convertor
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

Pieces :

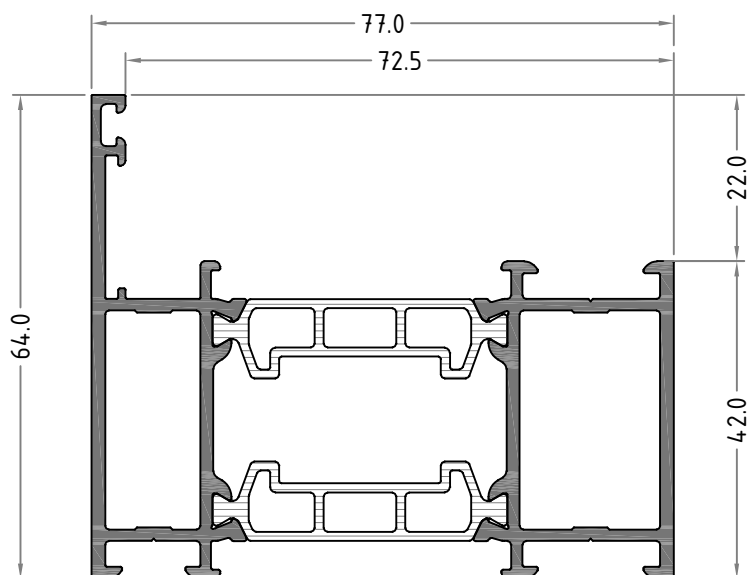
Number	Shape	DESCRIPTION	Quantity
5807100		HV Glazing support	8 per fixed Glazing Panel
5856100		HV Glazing support	2 per sash Glazing
7501062		1000582 End Cap	2 Pieces per 1000582
7501063		1000626 End Cap	2 Pieces per 1000626
7501070		1000771 End Cap	1 Pair per Door adaptor profile
7501078		2617710 End Cap	1 Pair per Meeting profile
7501081		2617711 End Cap	1 Pair per Meeting profile
7501098		Frame Mullion/Transom connection cap	2 per connection
7501099		Frame HV Mullion/Transom connection cap	2 per connection
7501100		Drain hole cover	1 per Drain hole
7801108		Corner Gasket . 7001108	4 Pieces per sash
7801014		2617714 End Cap	1 Pair per Threshold profile

Gaskets :

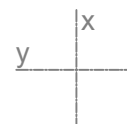
Number	Shape	DESCRIPTION
7001001		Outer glazing gasket
7001062		Inner glazing gasket 9-10mm.
7001002		Inner glazing gasket 7-8mm.
7001005		Inner glazing gasket 5-6mm.
7001034		Inner glazing gasket 3-4mm.
7001040		Stop gasket
7001105		Stop gasket
7001108		Central gasket
7001116		Outer HV glazing gasket
7001044		Inner glazing gasket 4mm.
7001093		Inner glazing gasket 6mm.
7001117		Inner glazing gasket 8mm.
7001041		Inner glazing gasket 10mm.
7001017		Inner glazing gasket 12mm.
7001118		Inner glazing gasket 14mm.
7001119		Inner glazing gasket 16mm.



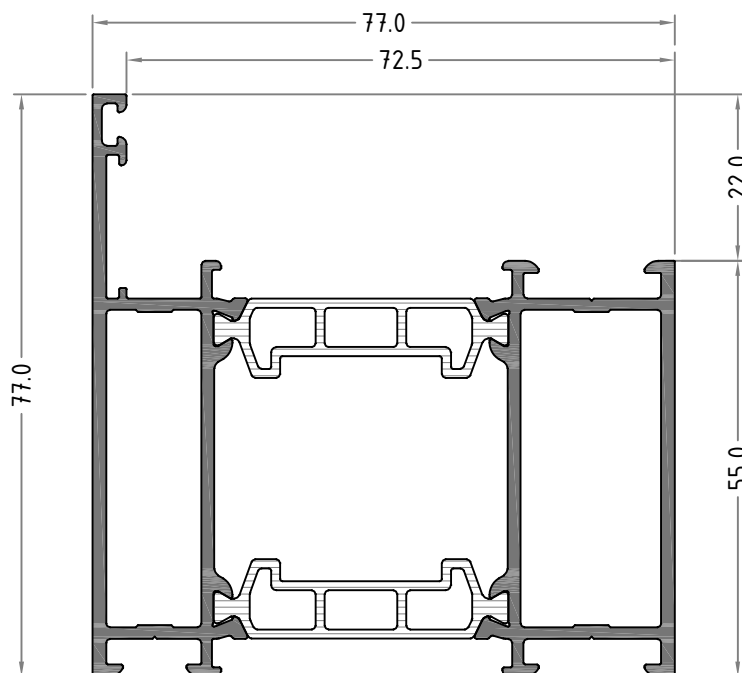
2117710



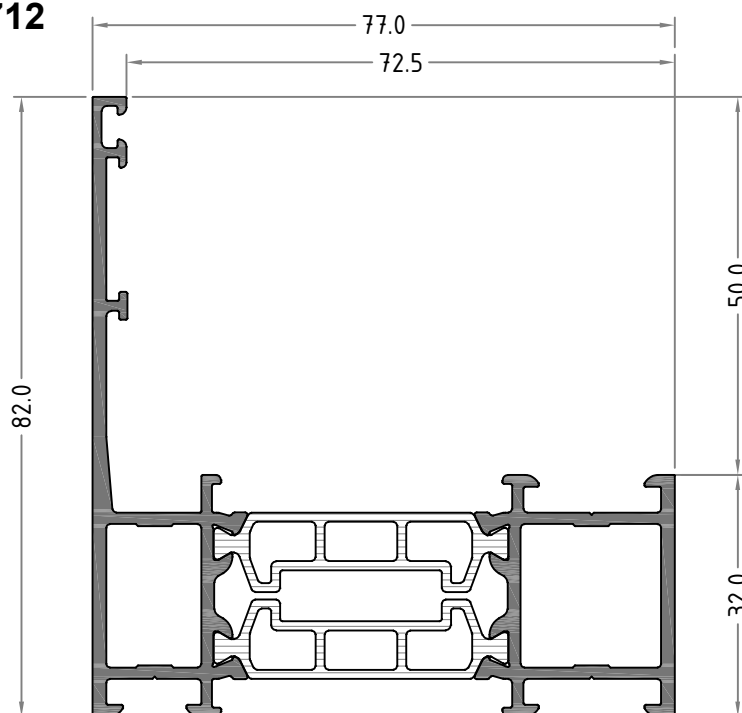
2117711



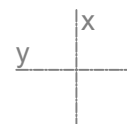
DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Frame Profile 54/32	2117710	27.72	7.14	
Frame Profile 64/42	2117711	32.46	13.02	



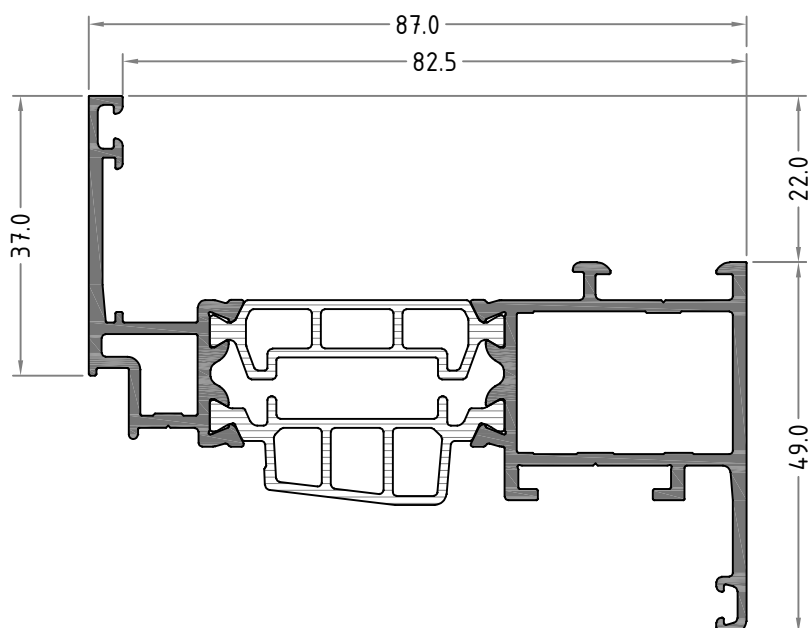
2117712



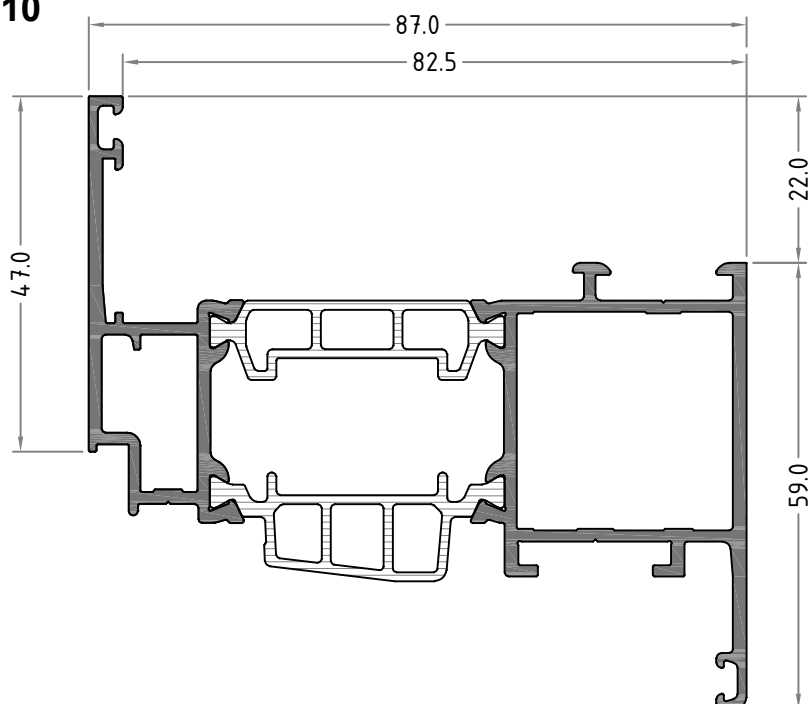
2117713



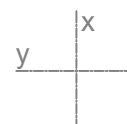
DESCRIPTION	Article Number	I_x eff. cm^4 L = 3000 mm	I_y cm^4	Technical information
Frame Profile 77/55	2117712	38.61	24.54	
Frame Profile 82/32	2117713	31.83	19.74	



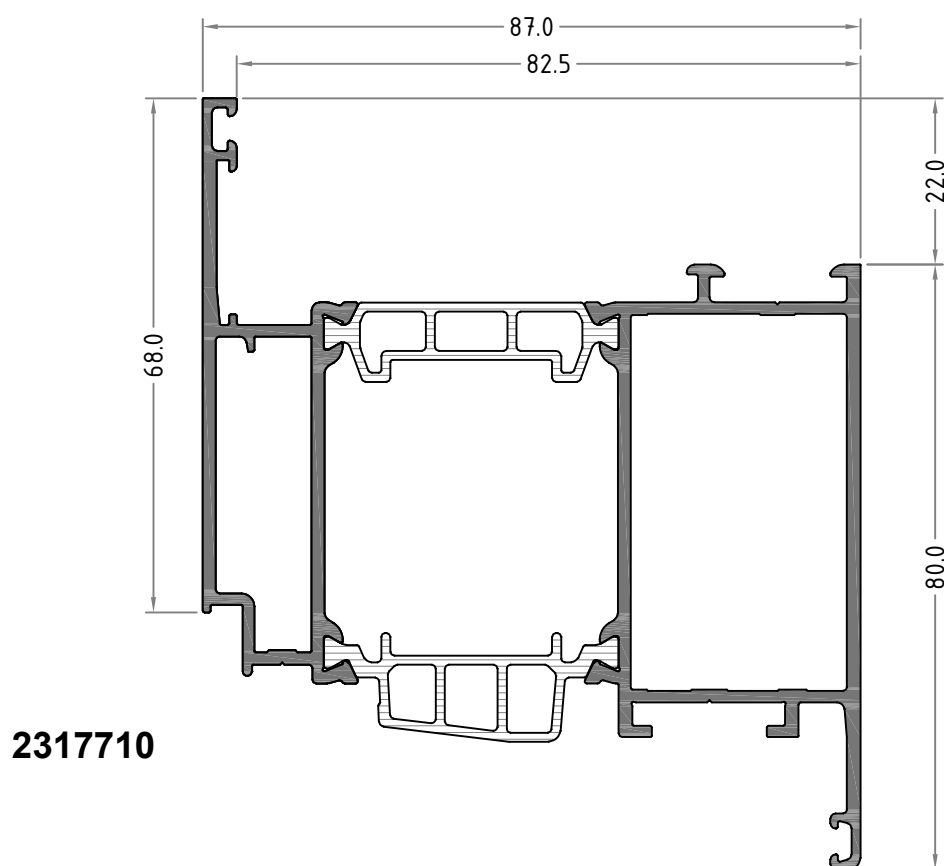
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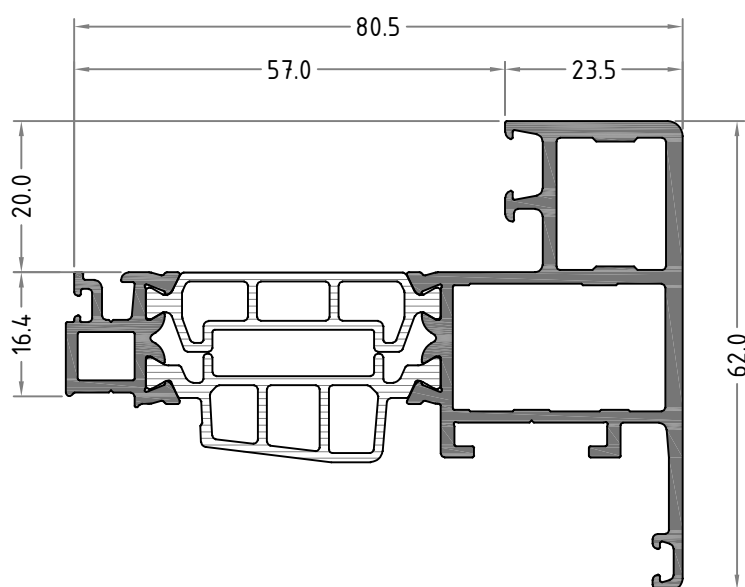
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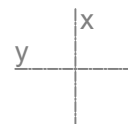
DESCRIPTION	Article Number	I_x eff. cm^4 L = 3000 mm	I_y cm^4	Technical information
Sash profile 37/49	2217710	37.76	8.52	
Sash profile 47/59	2217711	43.98	14.84	



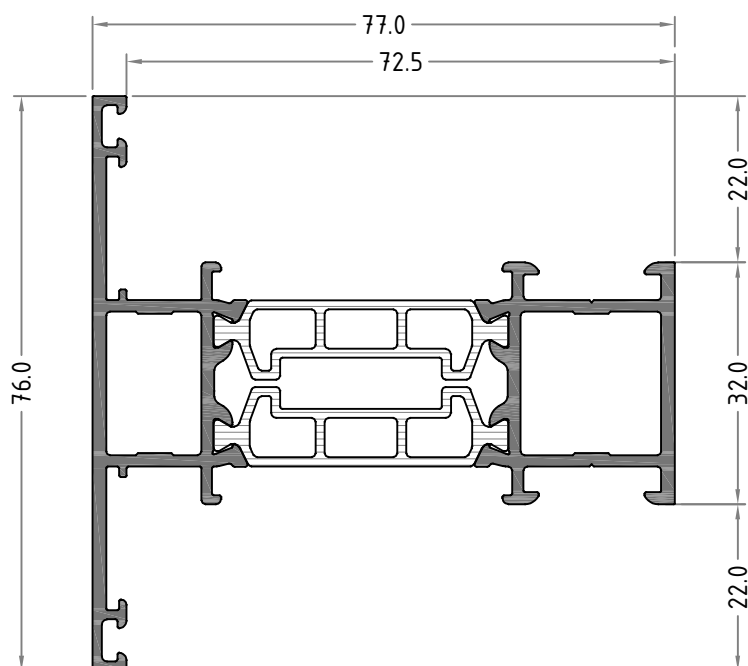
2317710



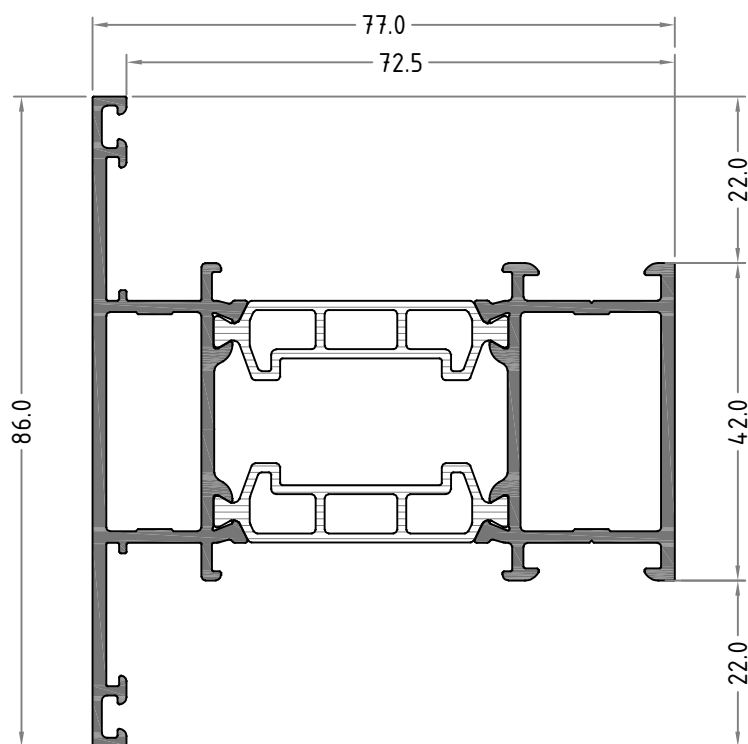
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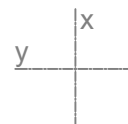
DESCRIPTION	Article Number	I_x eff. cm ⁴ L = 3000 mm	I_y cm ⁴	Technical information
Sash profile 68/80	2317710	56.43	37.33	
HV Sash profile 16/62	2217712	27.60	10.58	



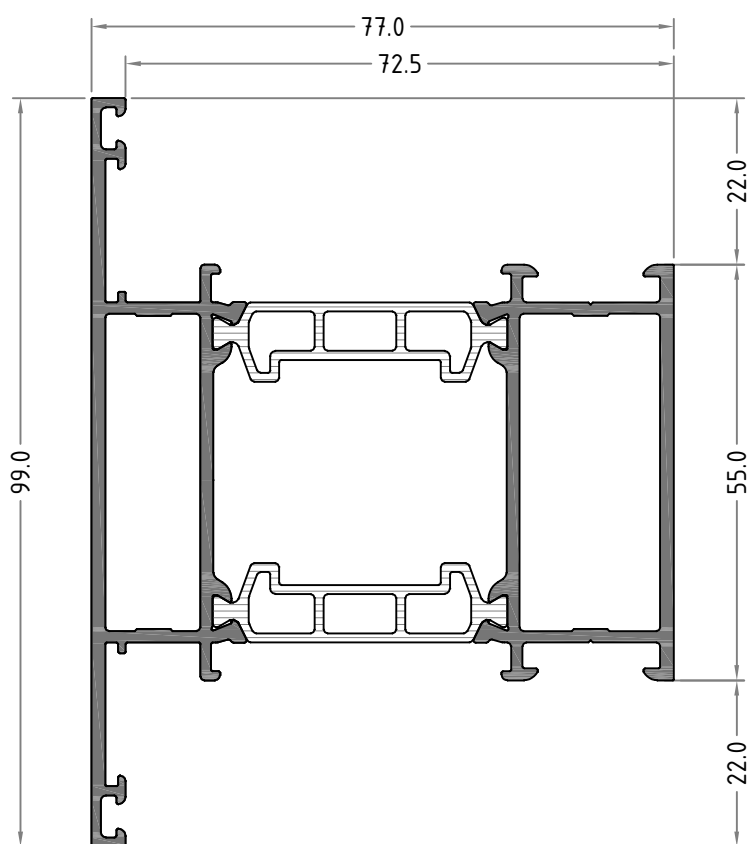
2417710



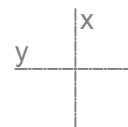
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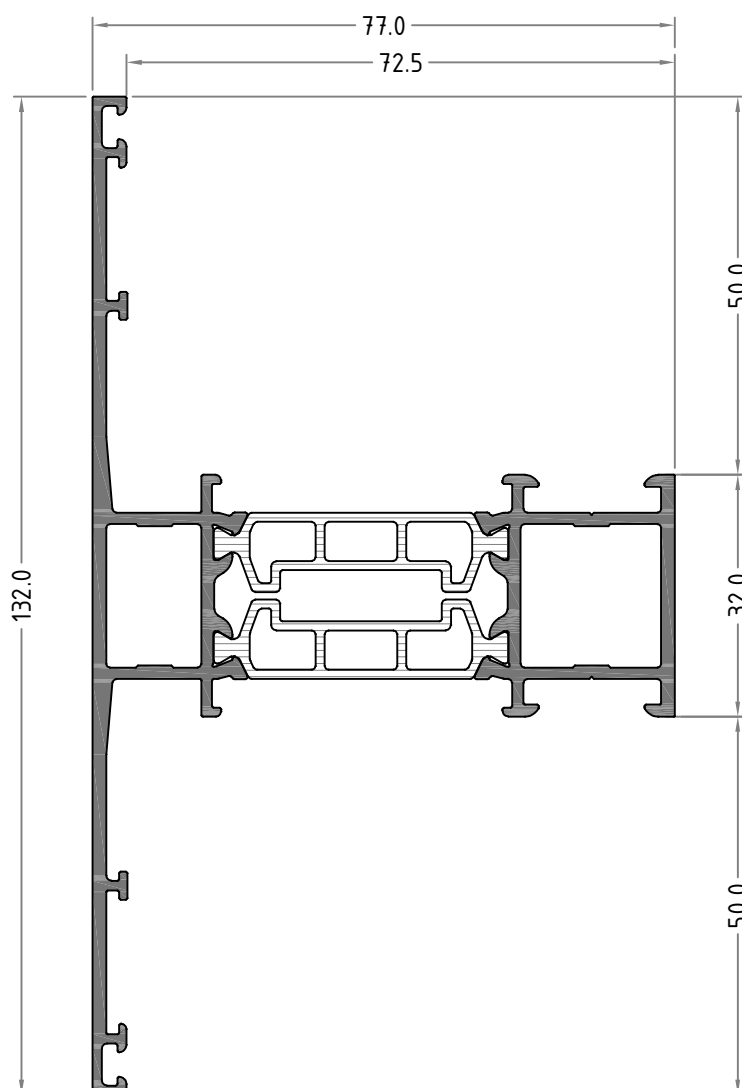
DESCRIPTION	Article Number	I_x eff. cm^4 L = 3000 mm	I_y cm^4	Technical information
Mullion/Transom Profile 76/32	2417710	30.86	11.31	
Mullion/Transom Profile 86/42	2417711	35.70	18.62	



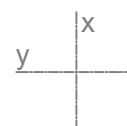
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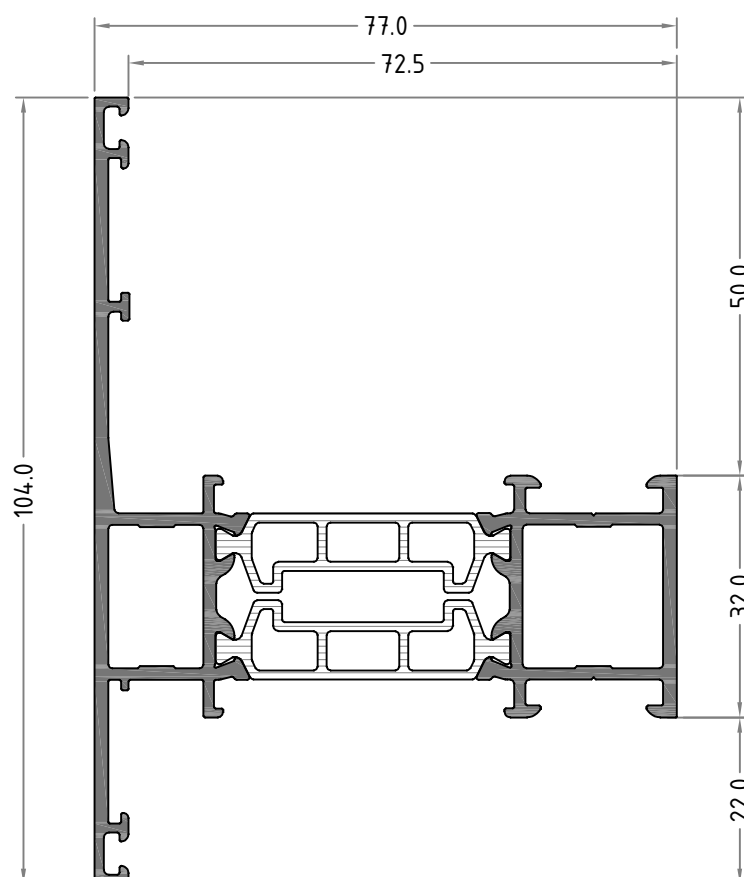
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Mullion/Transom Profile 99/55	2417712	41.96	32.30	



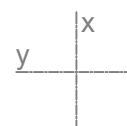
2417713



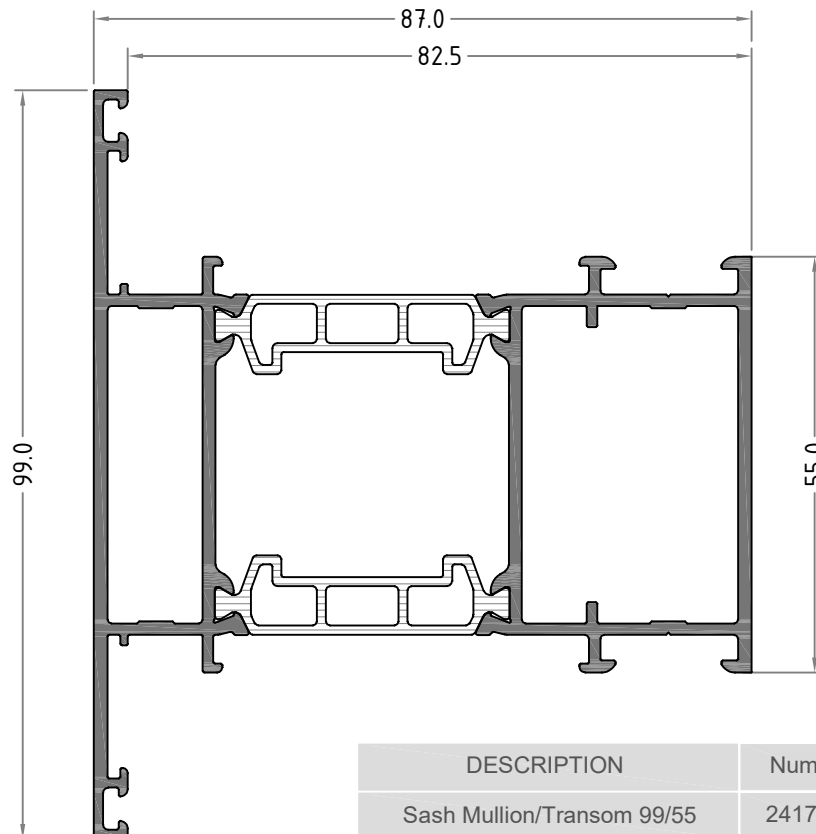
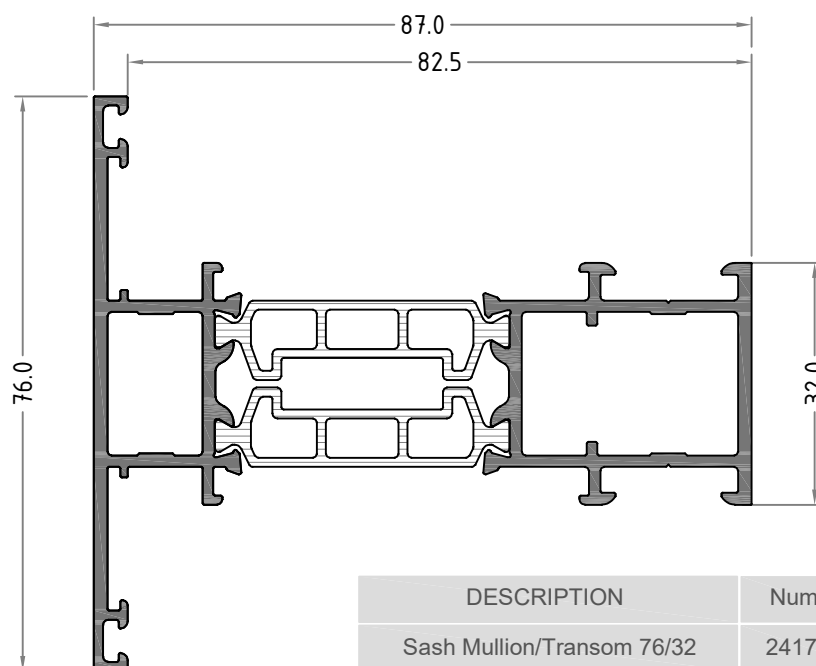
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Mullion/Transom Profile 132/32	2417713	37.10	44.60	

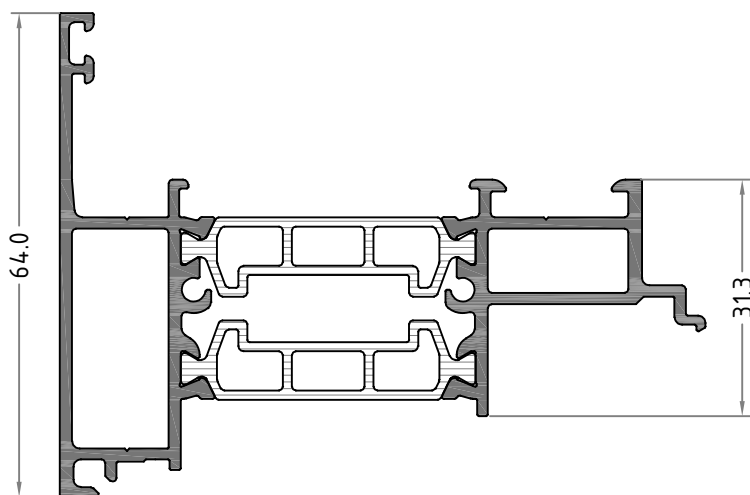


2417714

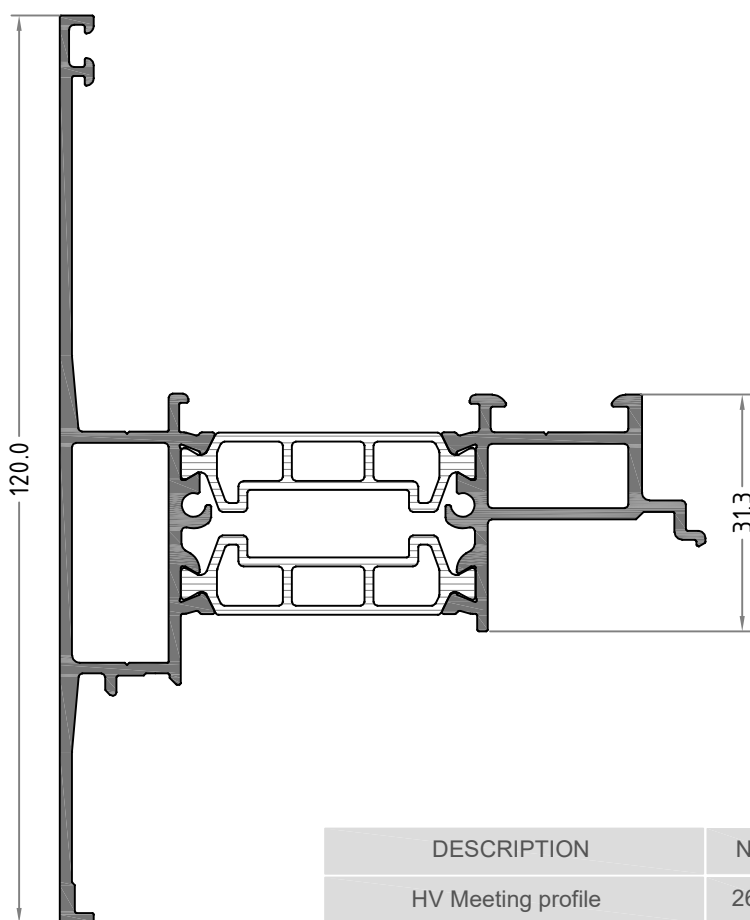


DESCRIPTION	Article Number	I_x eff. cm^4 $L = 3000 \text{ mm}$	$I_y \text{ cm}^4$	Technical information
Mullion/Transom Profile 104/32	2417714	34.30	25.90	

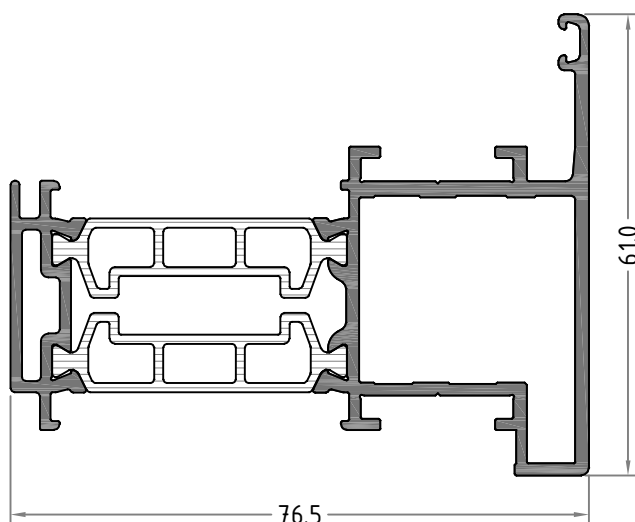




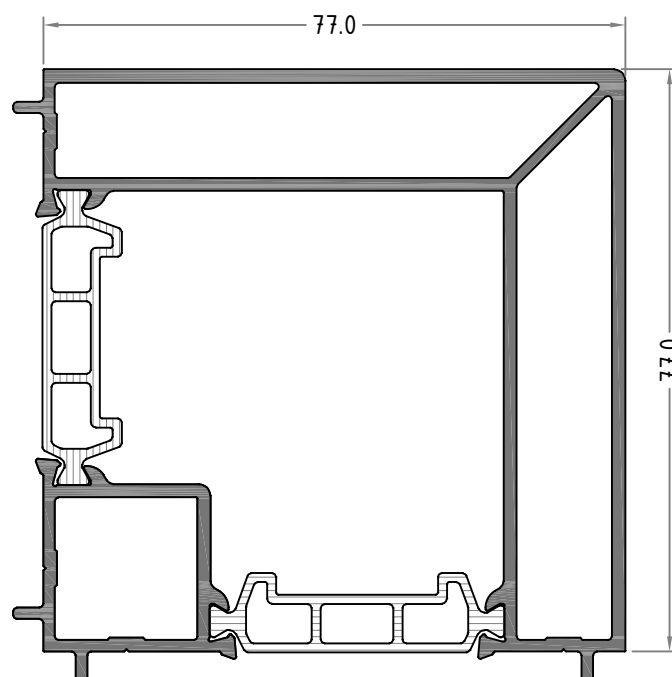
DESCRIPTION	Number
Meeting profile	2617710



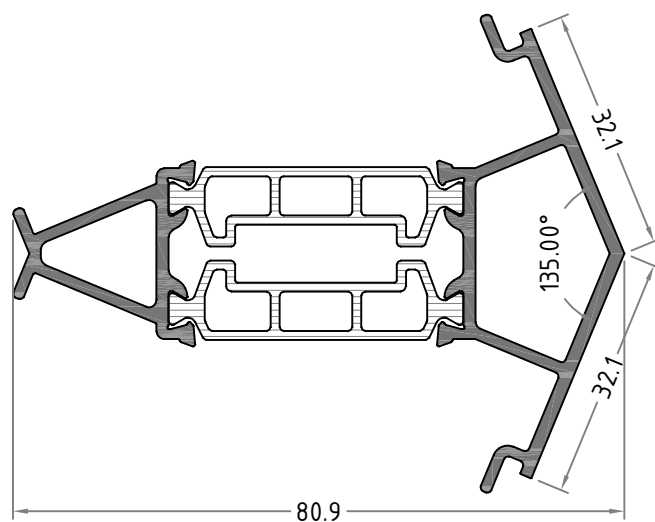
DESCRIPTION	Number
HV Meeting profile	2617711



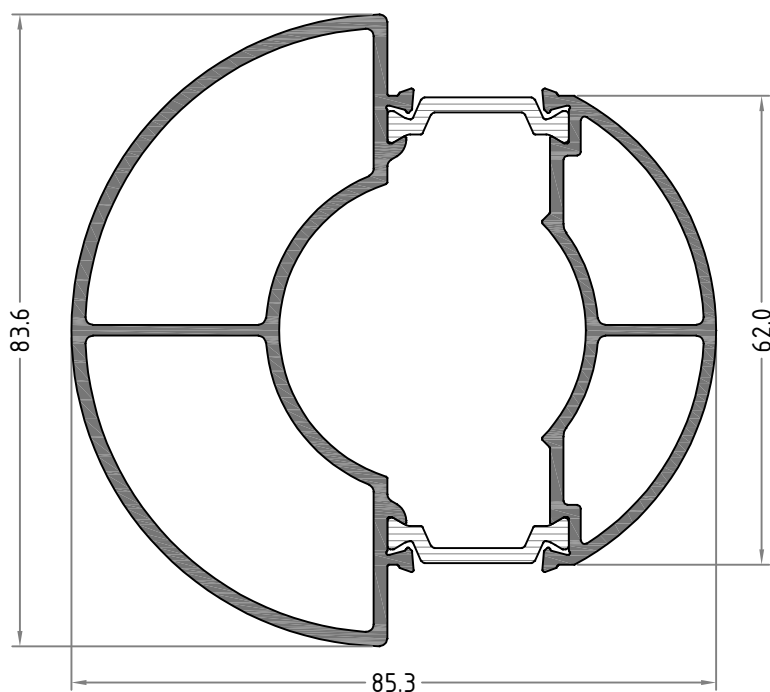
DESCRIPTION	Number
Pivot sash adaptor	2617712



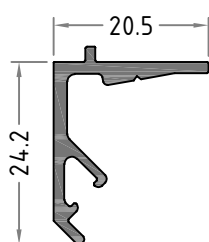
DESCRIPTION	Number
90 Degree Coupling	2617715



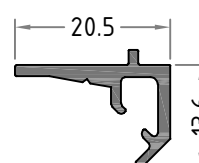
DESCRIPTION	Number
135 Degree Coupling	2617716



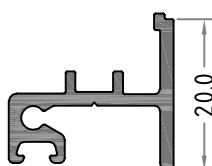
DESCRIPTION	Number
Round Coupling	2617717



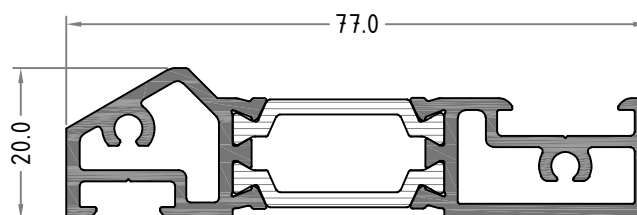
DESCRIPTION	Number
Round Coupling Adaptor	1000760



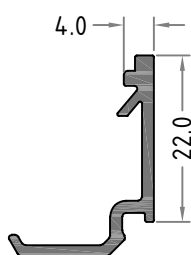
DESCRIPTION	Number
Round Coupling Adaptor	1000761



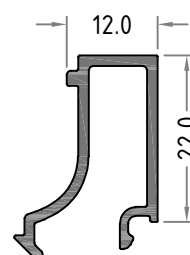
DESCRIPTION	Number
Door adaptor profile	1000771



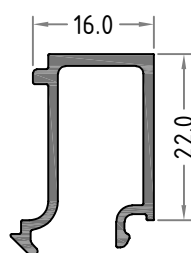
DESCRIPTION	Number
Threshold profile	2617714



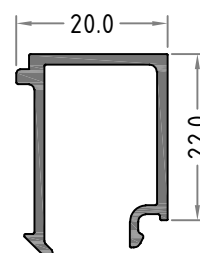
DESCRIPTION	Number
Glazing bead 4 mm	1000466



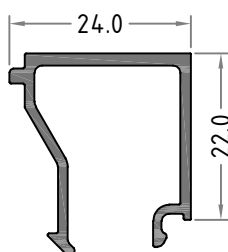
DESCRIPTION	Number
Glazing bead 12 mm	1000409



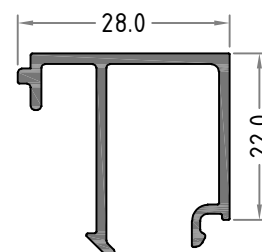
DESCRIPTION	Number
Glazing bead 16 mm	1000840



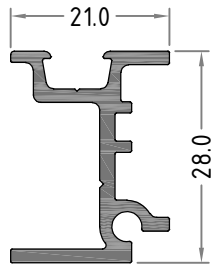
DESCRIPTION	Number
Glazing bead 20 mm	1000405



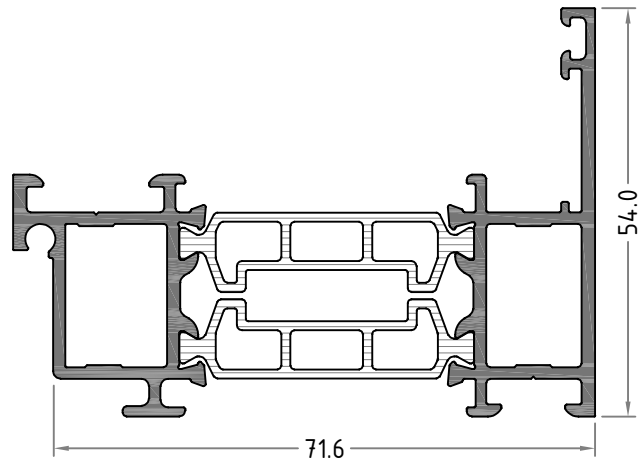
DESCRIPTION	Number
Glazing bead 24 mm	1000841



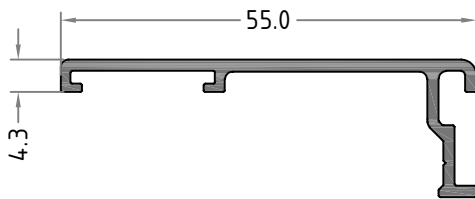
DESCRIPTION	Number
Glazing bead 28 mm	1000414



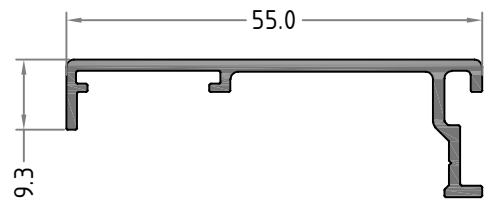
DESCRIPTION	Number
Curtain wall adaptor	1000876



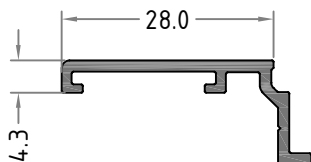
DESCRIPTION	Number
Outward adaptor Profile	2617713



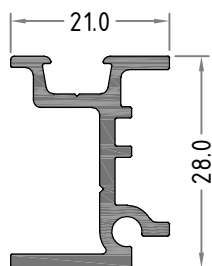
DESCRIPTION	Number
Architrave Profile 55mm / 4.3	1000488



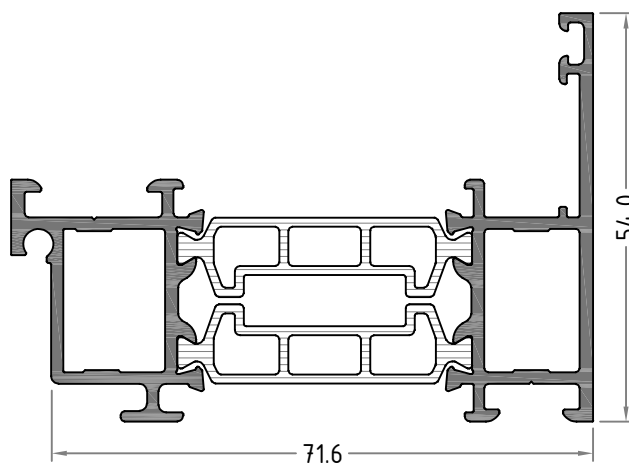
DESCRIPTION	Number
Architrave Profile 55mm / 9.3	1000612



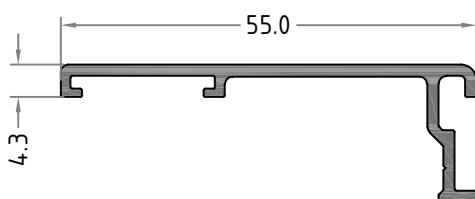
DESCRIPTION	Number
Add on Profile	1000501



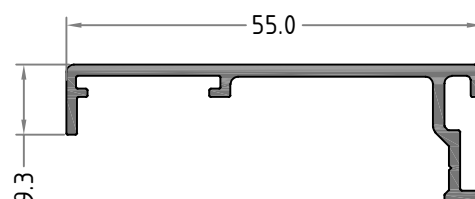
DESCRIPTION	Number
Curtain wall adaptor	1000876



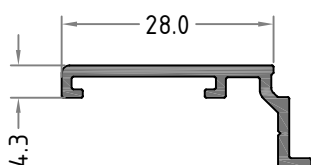
DESCRIPTION	Number
Outward adaptor Profile	2617713



DESCRIPTION	Number
Architrave Profile 55mm / 4.3	1000488



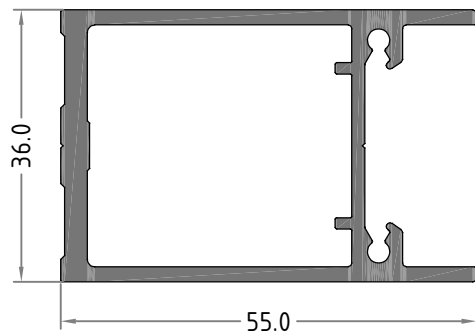
DESCRIPTION	Number
Architrave Profile 55mm / 9.3	1000612



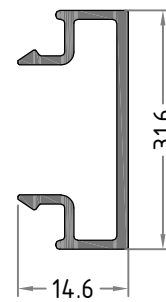
DESCRIPTION	Number
Add on Profile	1000501

PROFILES

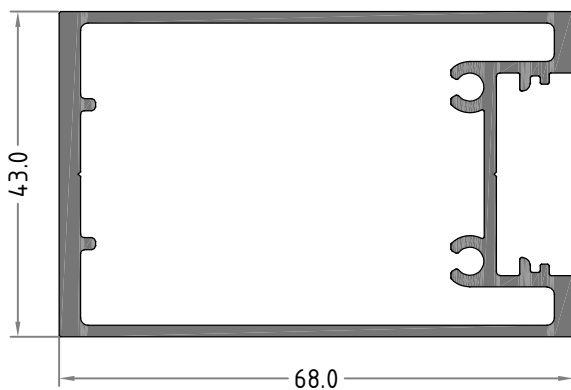
Series GC77



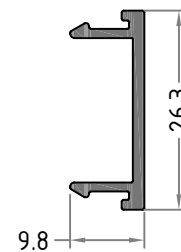
DESCRIPTION	Number
Reinforce profile	1000582



DESCRIPTION	Number
Cover profile	1000200



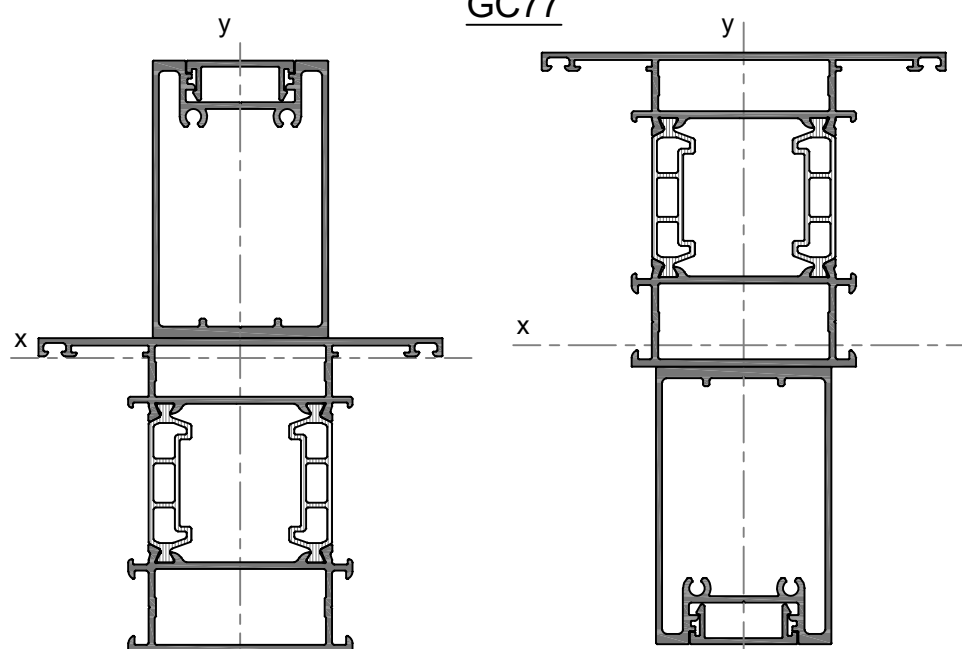
DESCRIPTION	Number
Reinforce profile	1000626



DESCRIPTION	Number
Cover profile	1000456

MULLION / TRANSOM PROPERTIES

GC77



External Reinforcement (EXR)

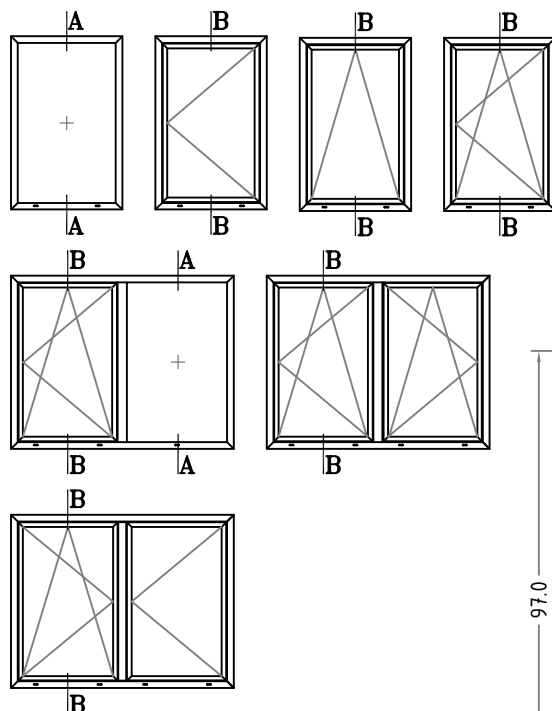
Internal Reinforcement (INR)

Article Number	Article Description	Add On Reinforcement	Internal Or External	Eff. I_x cm ⁴	I_y cm ⁴
2417710	Mullion/Transom 76/32	1000582 + 1000200	EXR	97.06	19.87
2417710	Mullion/Transom 76/32	1000626 + 1000456	EXR	140.69	24.00
2417711	Mullion/Transom 86/42	1000582 + 1000200	EXR	106.60	26.96
2417711	Mullion/Transom 86/42	1000626 + 1000456	EXR	152.60	31.28
2417711	Mullion/Transom 86/42	1000582 + 1000200	INR	133.40	26.96
2417712	Mullion/Transom 99/55	1000582 + 1000200	EXR	118.07	40.61
2417712	Mullion/Transom 99/55	1000626 + 1000456	EXR	166.78	44.90
2417712	Mullion/Transom 99/55	1000582 + 1000200	INR	143.71	40.61
2417712	Mullion/Transom 99/55	1000626 + 1000456	INR	198.28	44.90
2417713	Mullion/Transom 132/32	1000582 + 1000200	EXR	97.73	53.01
2417713	Mullion/Transom 132/32	1000626 + 1000456	EXR	141.95	57.00
2417714	Mullion/Transom 104/32	1000582 + 1000200	EXR	97.42	35.32
2417714	Mullion/Transom 104/32	1000626 + 1000456	EXR	141.36	39.66

Effective I_x calculated in accordance with EN 14024-2004

SECTIONS

Series GC77

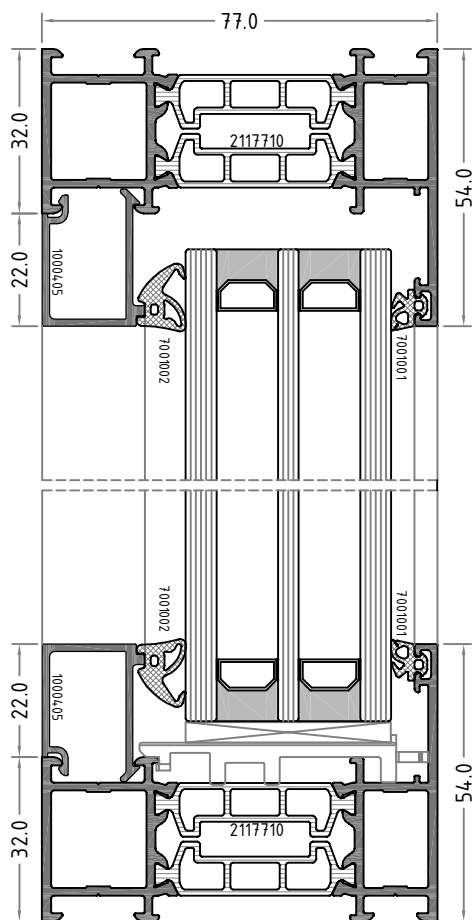


Usable Frames :

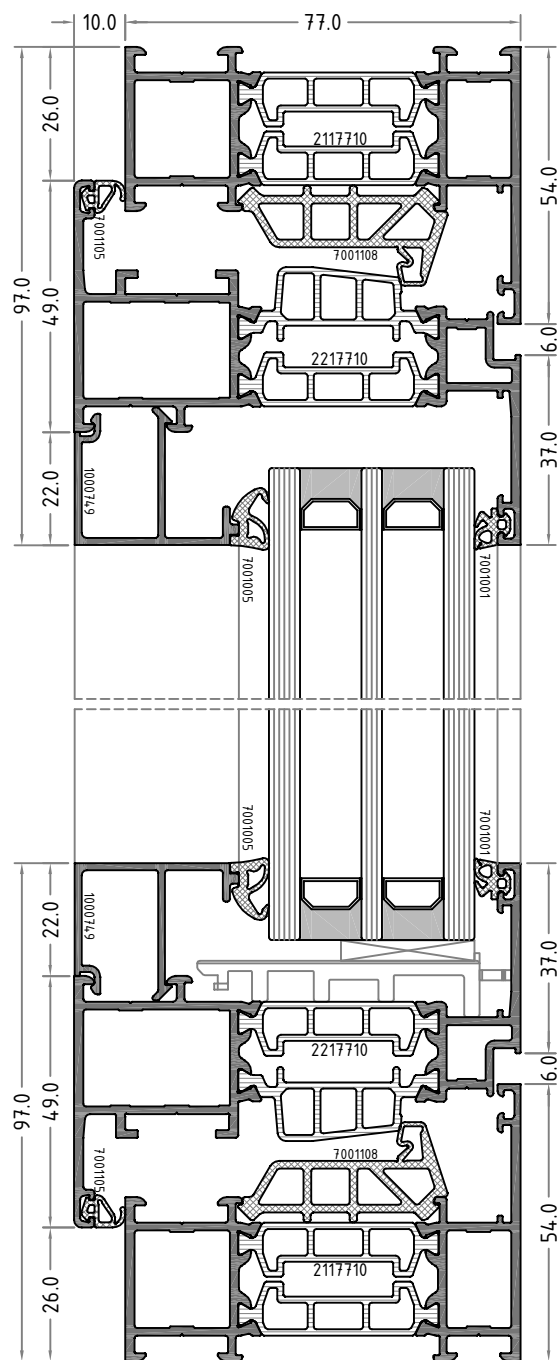
2117710 - 2117711 - 2117712

Usable Sashes :

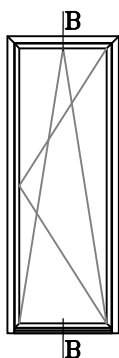
2217710 - 2217711 - 2317710



Section A-A



Section B-B

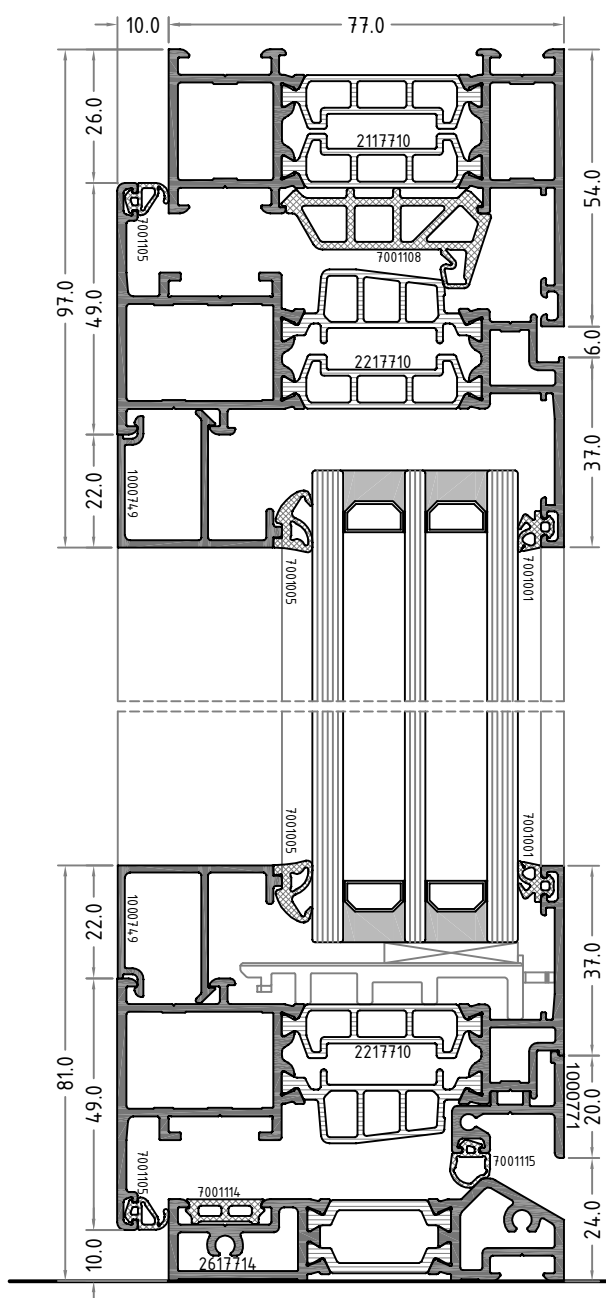


Usable Frames :

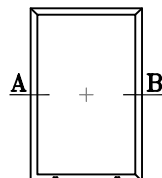
2117710 - 2117711 - 2117712

Usable Sashes :

2217710 - 2217711 - 2317710

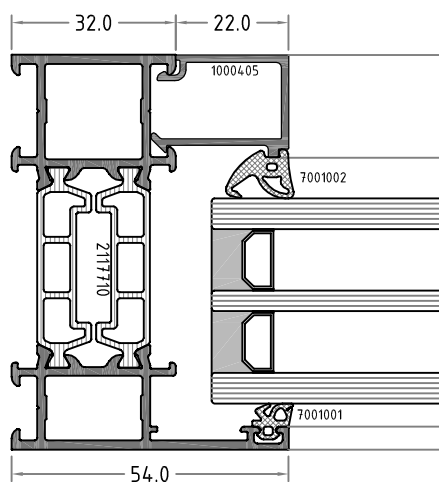


Section B-B

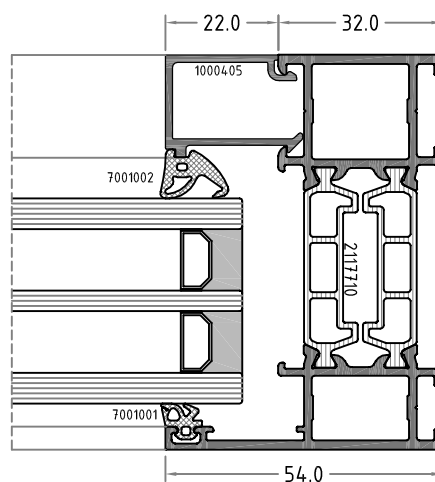


Usable Frames :

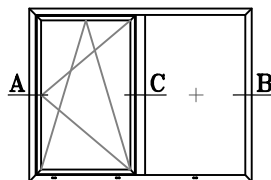
2117710 - 2117711 - 2117712



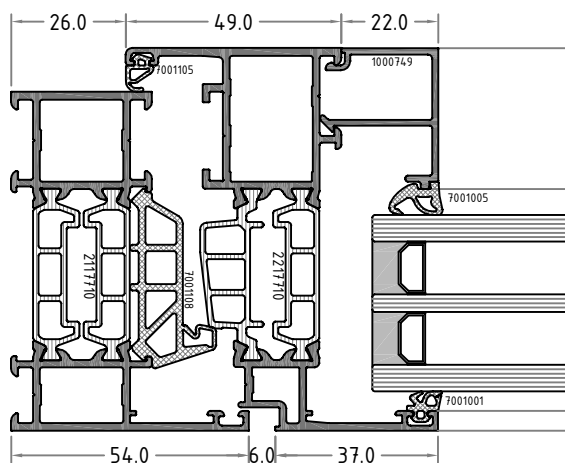
Section A



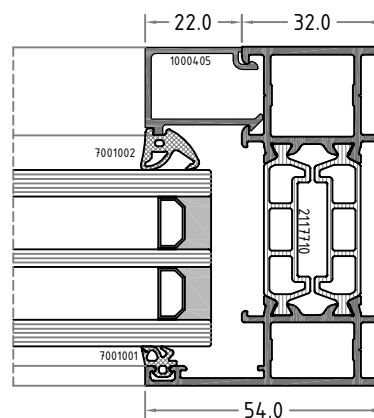
Section B



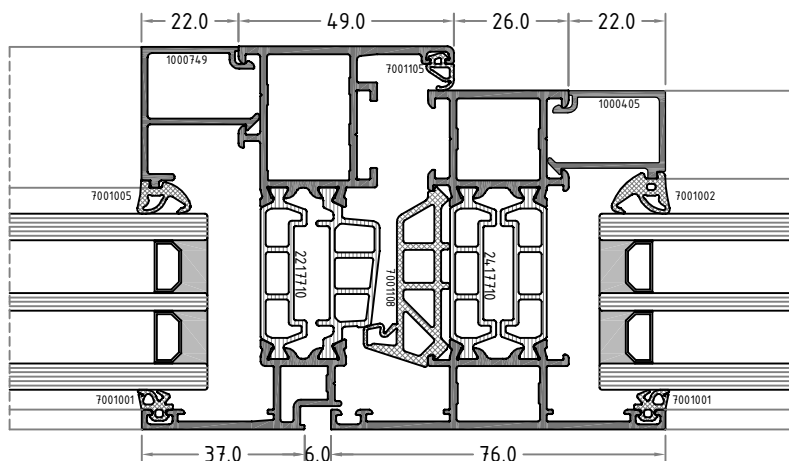
Usable Frames :
2117710 - 2117711 - 2117712
Usable Sashes :
2217710 - 2217711 - 2317710
Usable Frame Mullion Transom :
2417710 - 2417711 - 2417712



Section A



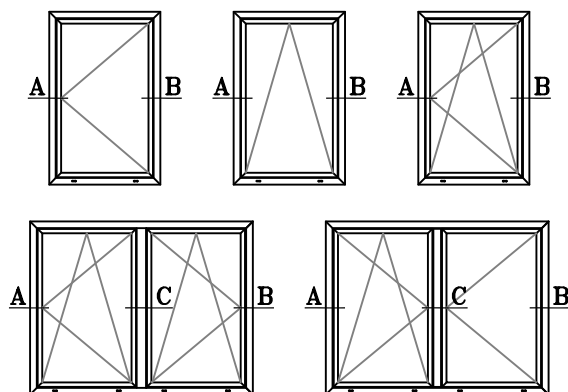
Section B



Section C

SECTIONS

Series GC77

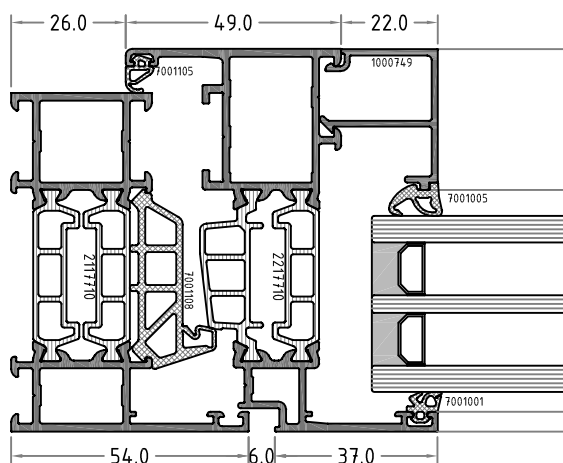


Usable Frames :

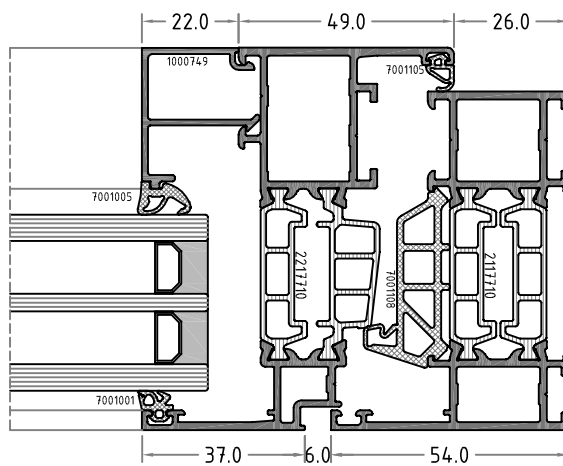
2117710 - 2117711 - 2117712

Usable Sashes :

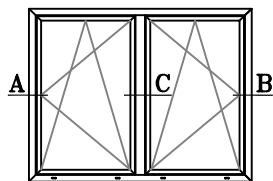
2217710 - 2217711 - 2317710



Section A



Section B



Usable Frames :

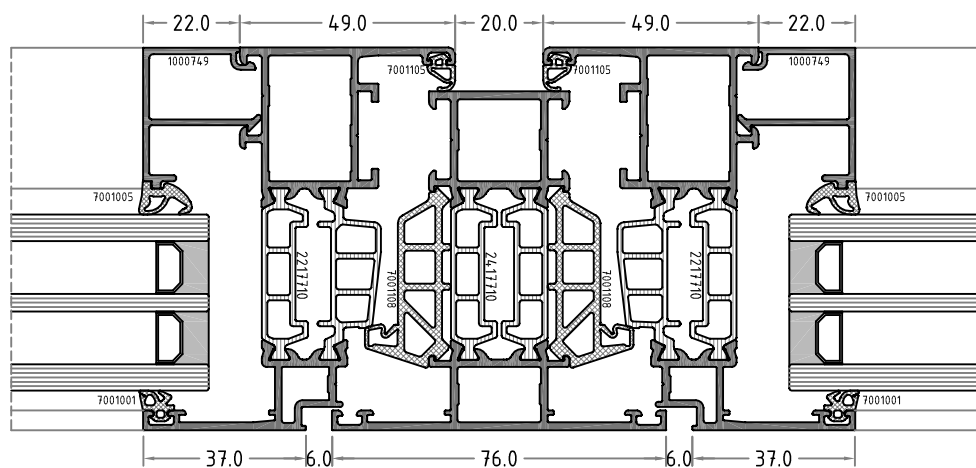
2117710 - 2117711 - 2117712

Usable Sashes :

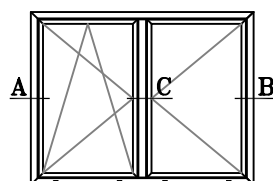
2217710 - 2217711 - 2317710

Usable Frame Mullion Transom :

2417710 - 2417711 - 2417712



Section C

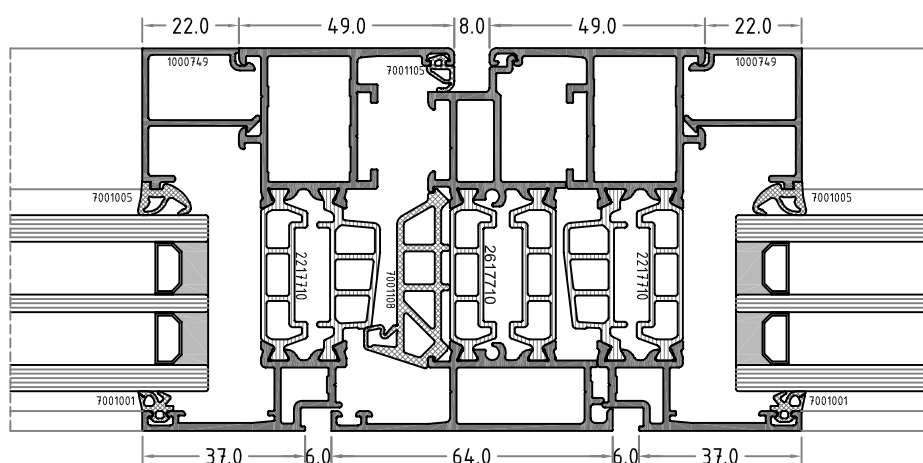


Usable Frames :

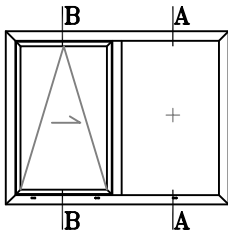
2117710 - 2117711 - 2117712

Usable Sashes :

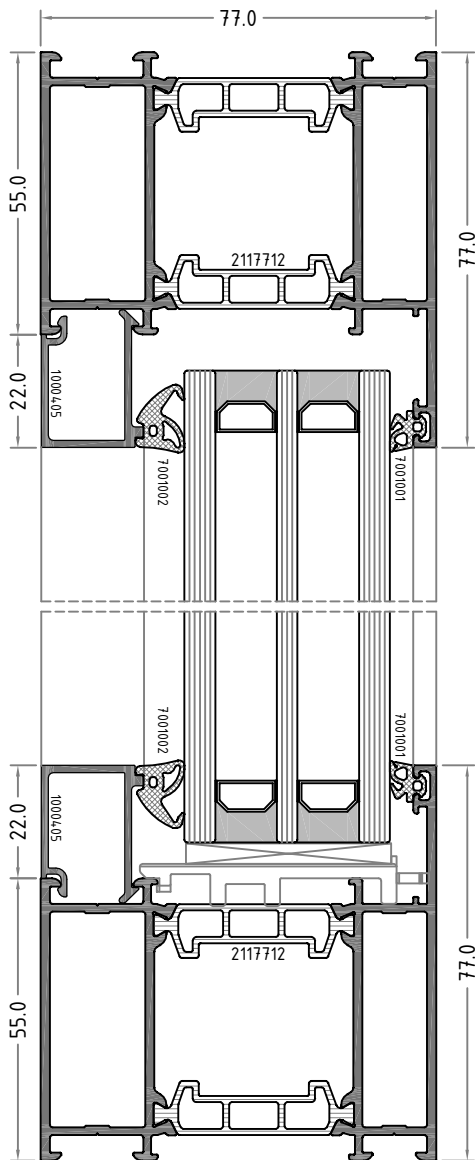
2217710 - 2217711 - 2317710



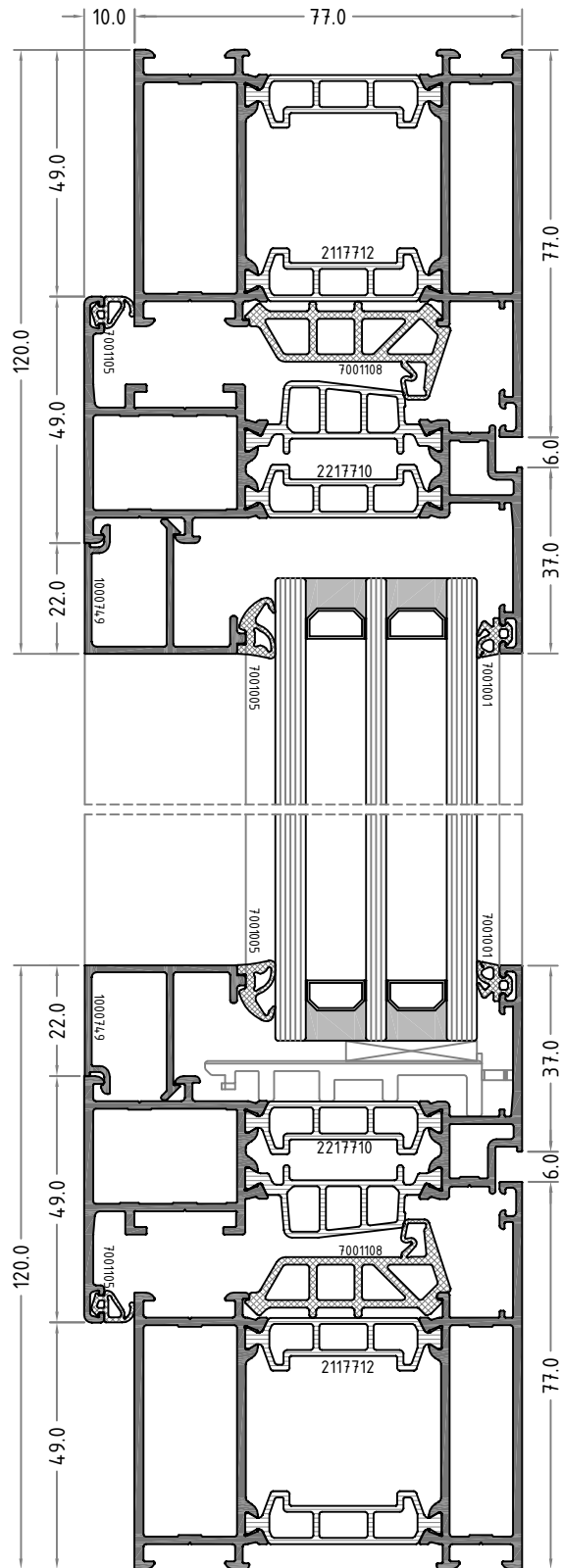
Section C



Usable Frame :
2117712
Usable Sashes :
2217710 - 2217711 - 2317710



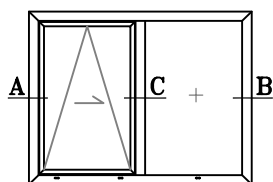
Section A-A



Section B-B

SECTIONS

Series GC77



Usable Frame :

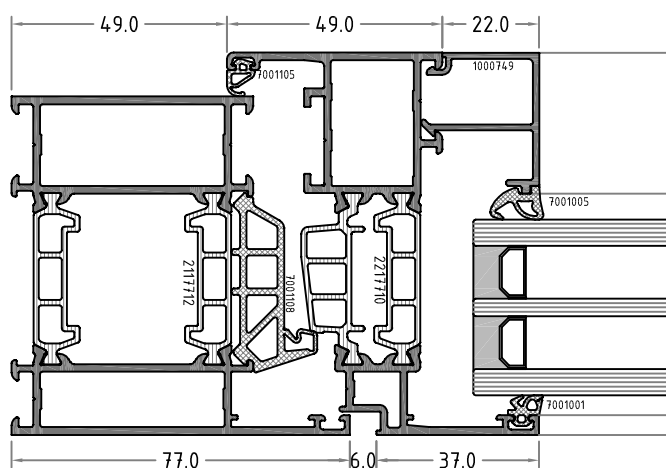
2117712

Usable Sashes :

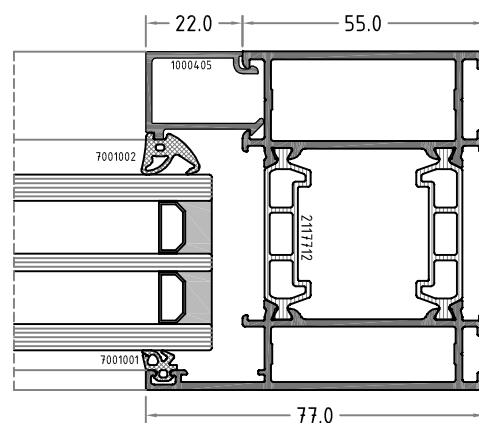
2217710 - 2217711 - 2317710

Usable Frame Mullion Transom :

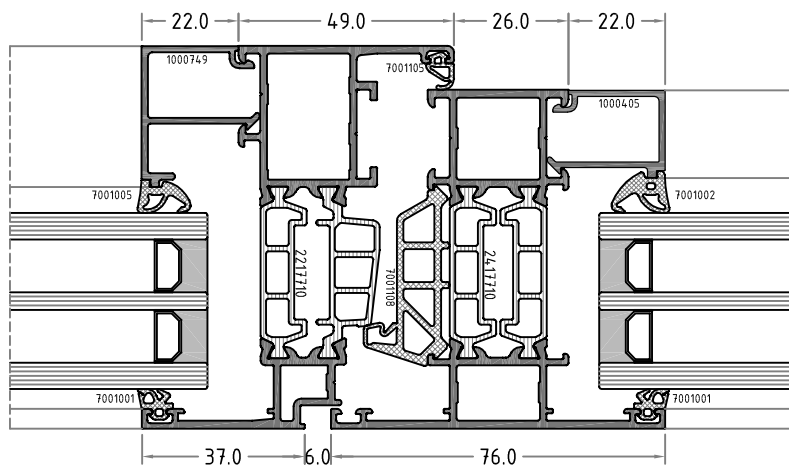
2417710 - 2417711 - 2417712



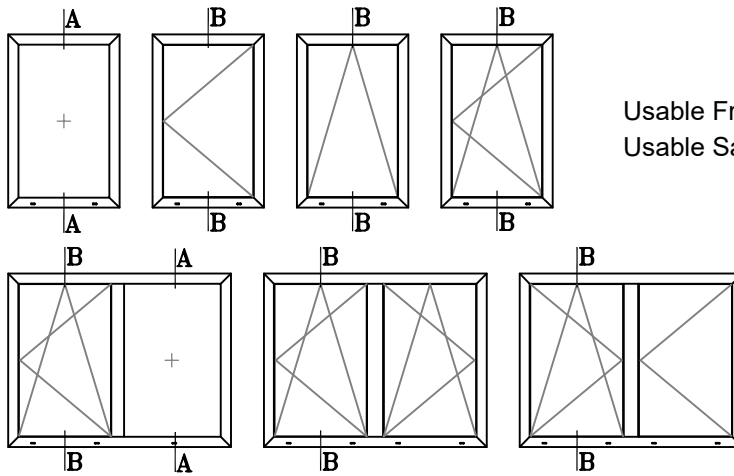
Section A



Section B

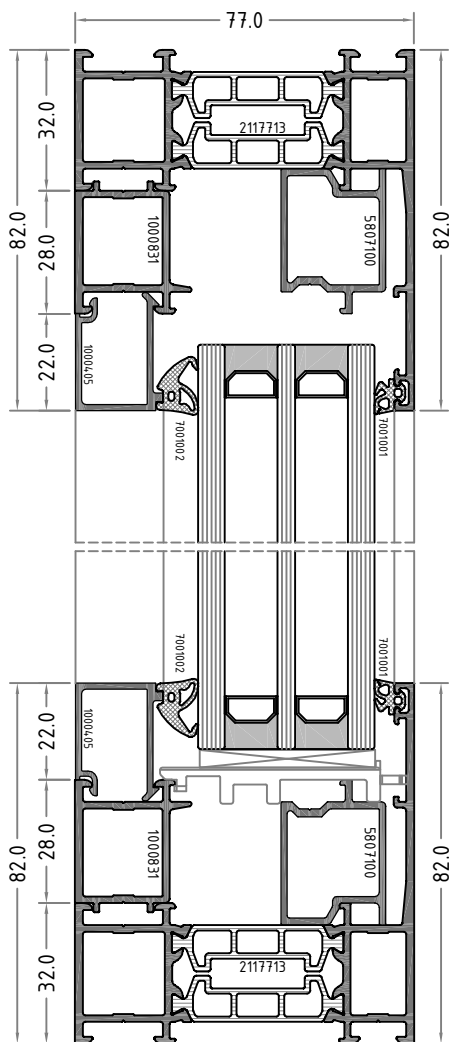


Section C

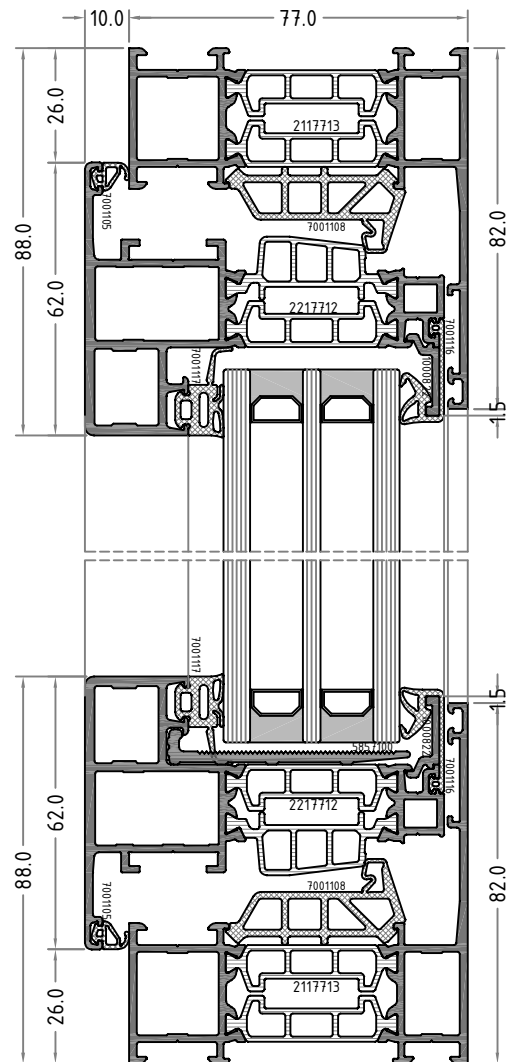


Usable Frame : 2117713

Usable Sash : 2217712



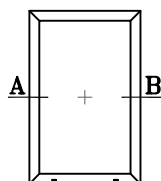
Section A-A



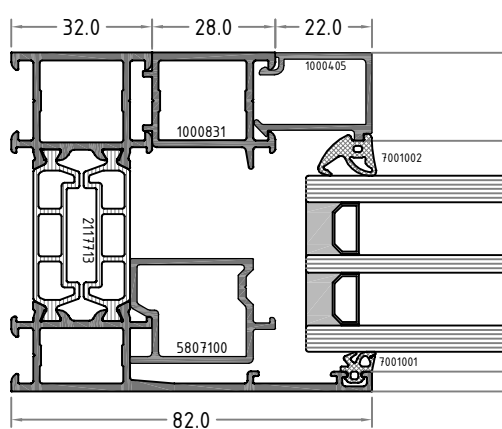
Section B-B

SECTIONS

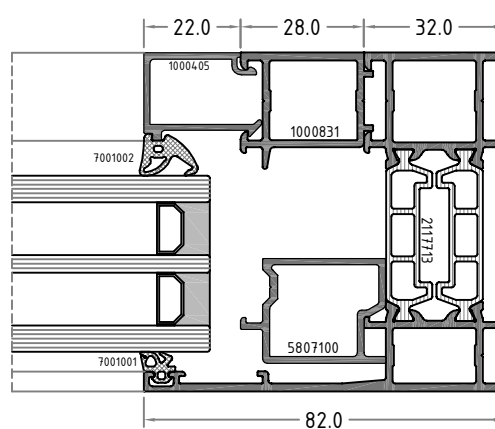
Series GC77



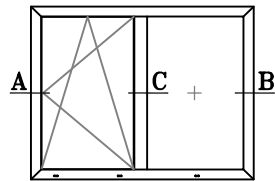
Usable Frame : 2117713



Section A



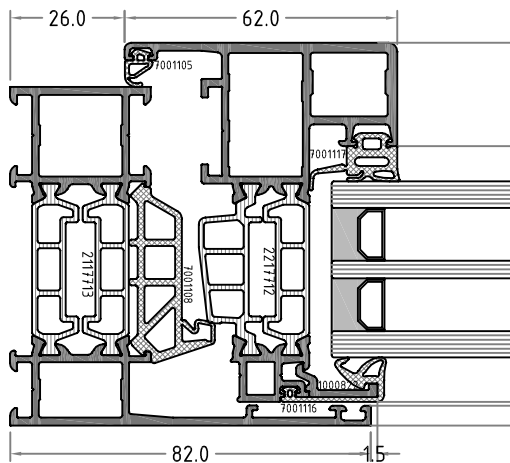
Section B



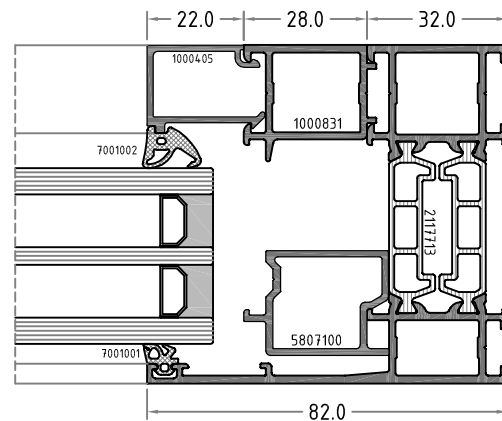
Usable Frame : 2117713

Usable Sash : 2217712

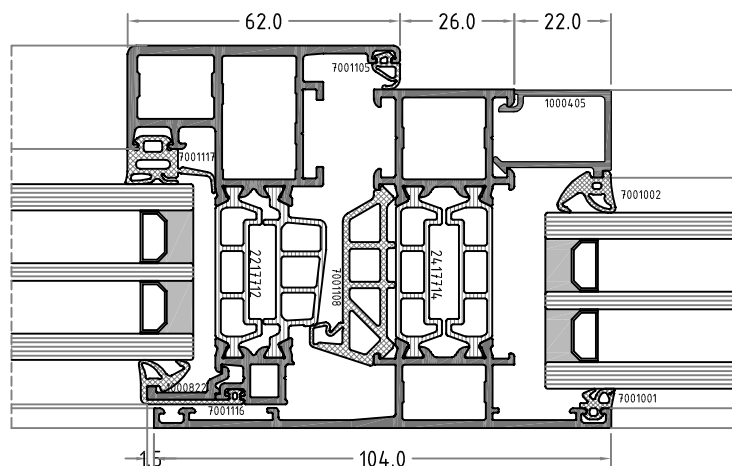
Usable Frame Mullion Transom : 2417714 - 2417715



Section A



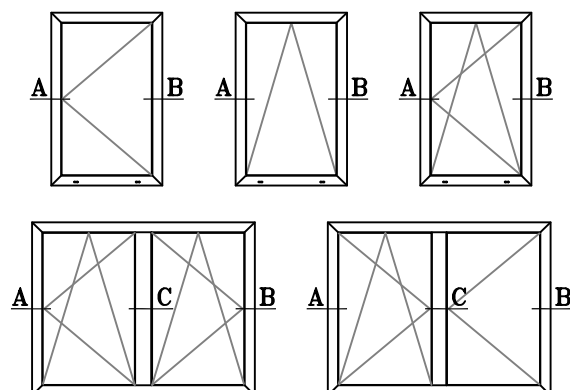
Section B



Section C

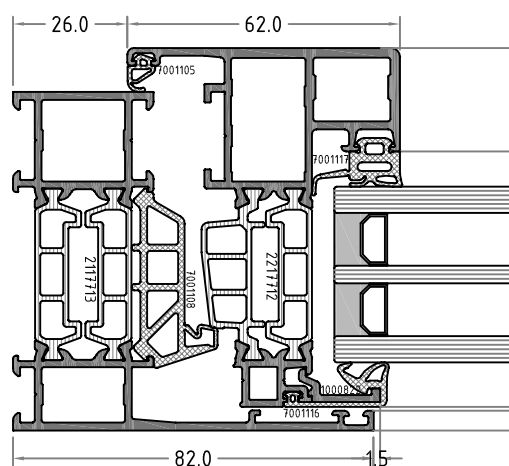
SECTIONS

Series GC77

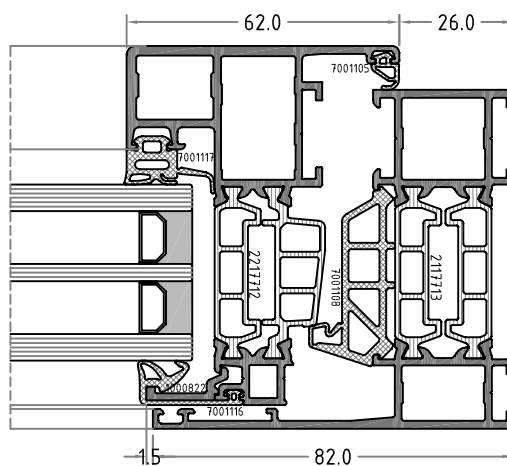


Usable Frame : 2117713

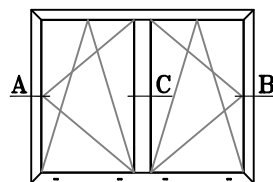
Usable Sash : 2217712



Section A



Section B

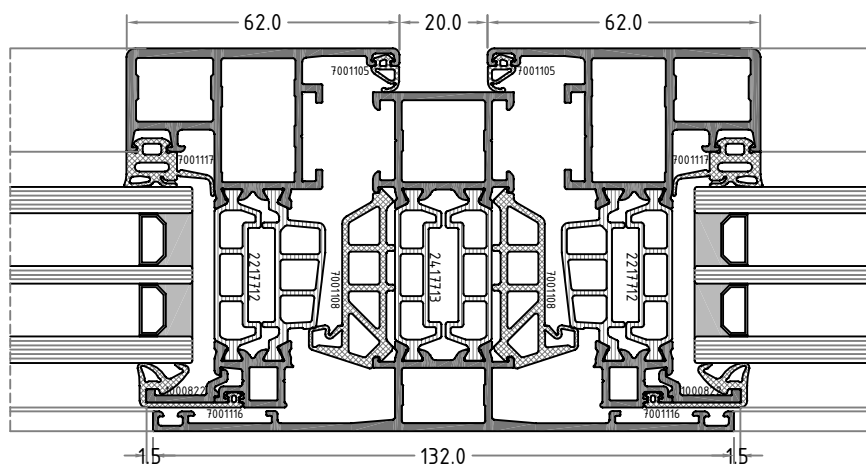


Usable Frame : 2117713

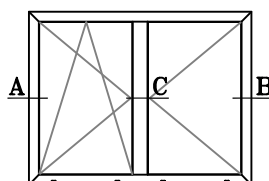
Usable Sash : 2217712

Usable Frame Mullion Transom : 2417713

Section C

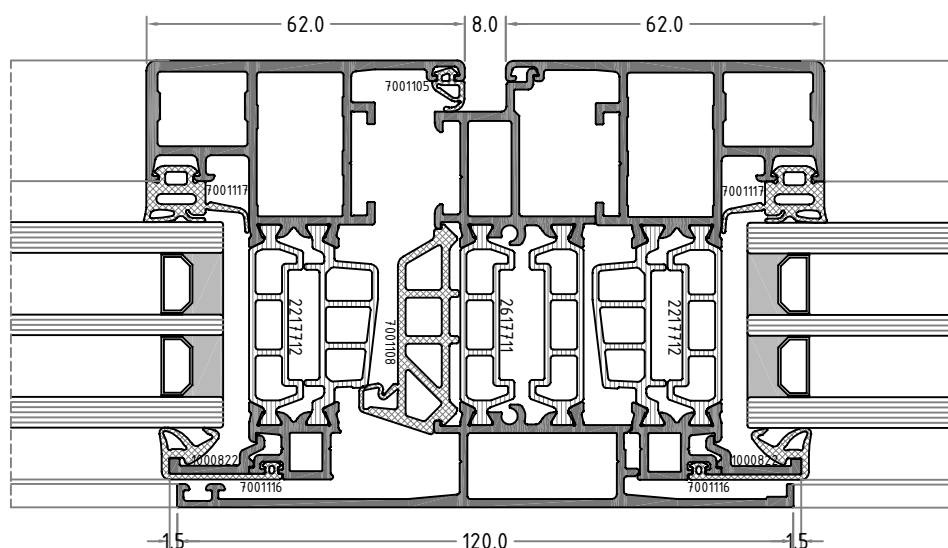


Section C

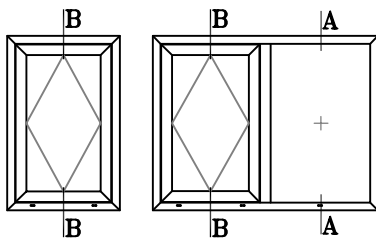


Usable Frame : 2117713

Usable Sash : 2217712

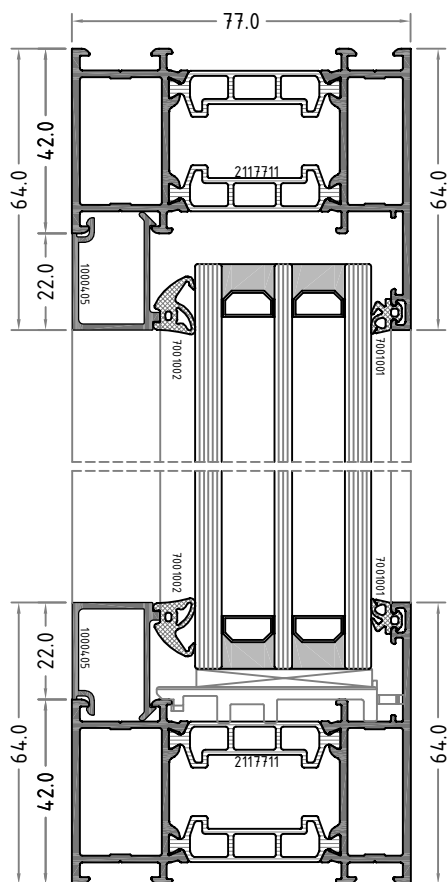


Section C

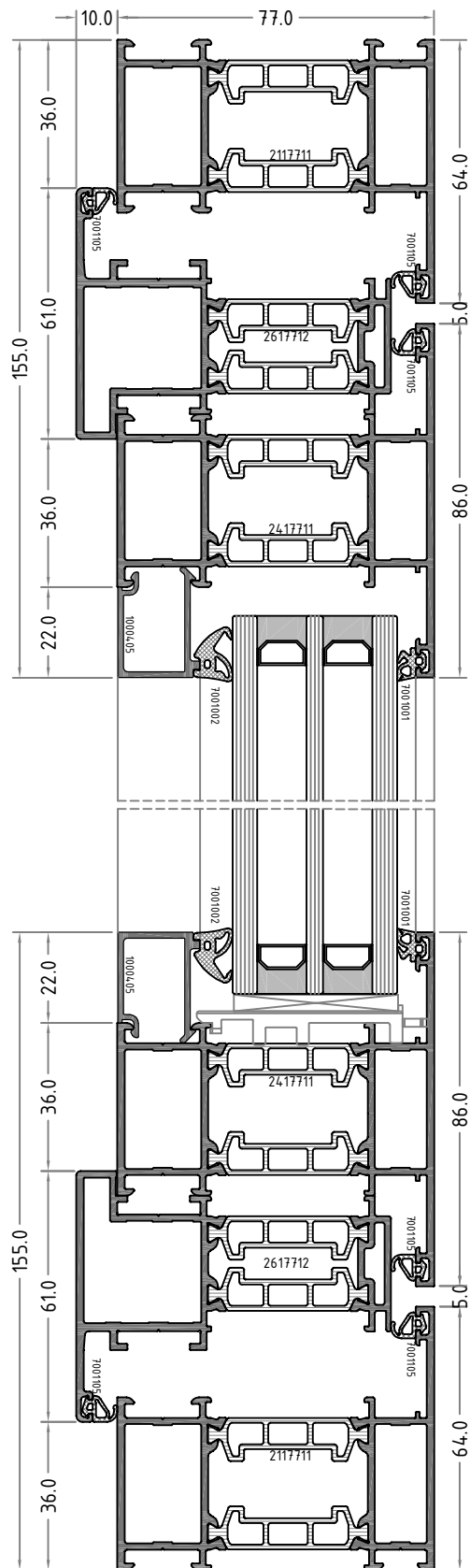


Usable Frames :
2117710 - 2117711 - 2117712

Usable Sashes :
2417710 - 2417711 - 2417712



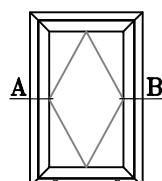
Section A-A



Section B-B

SECTIONS

Series GC77

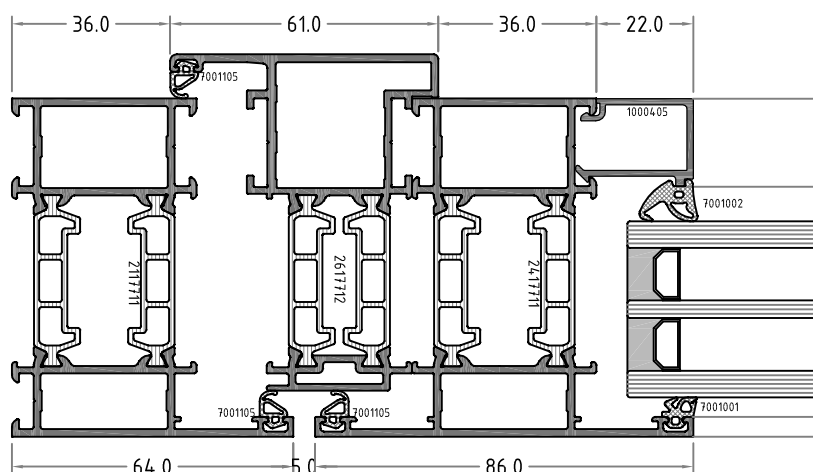


Usable Frames :

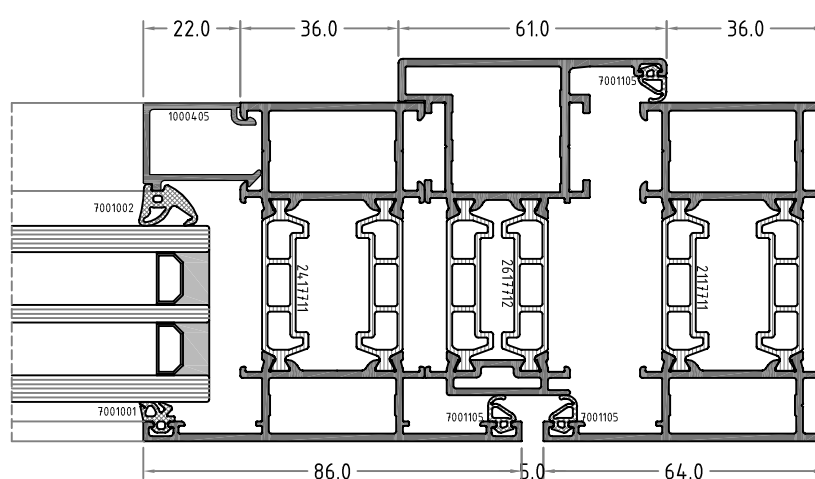
2117710 - 2117711 - 2117712

Usable Sashes :

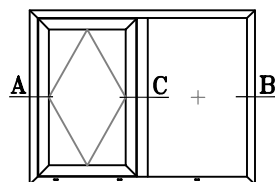
2417710 - 2417711 - 2417712



Section A



Section B



Usable Frames :

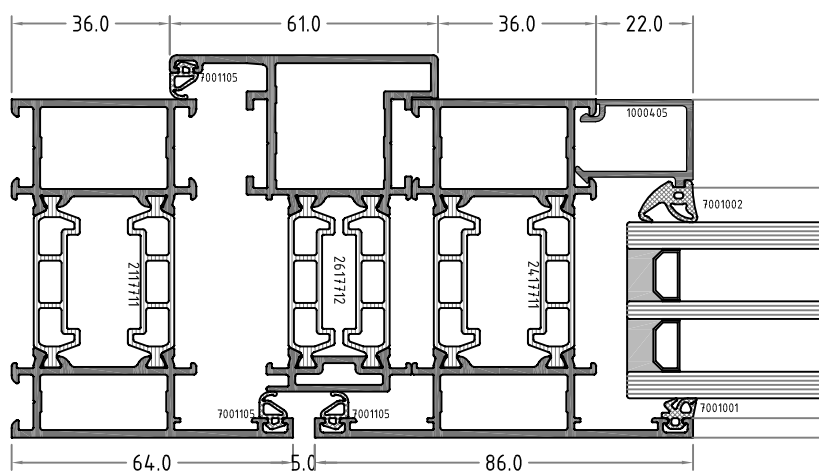
2117710 - 2117711 - 2117712

Usable Sashes :

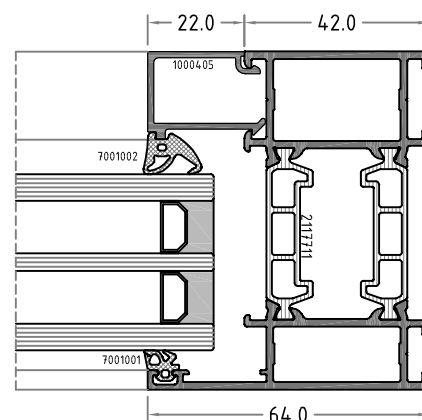
2417710 - 2417711 - 2417712

Usable Frame Mullion Transom :

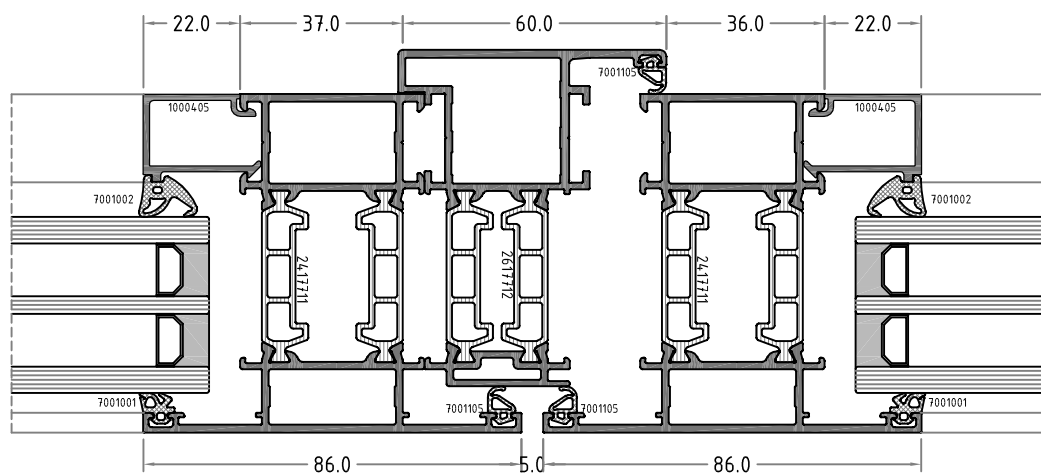
2417710 - 2417711 - 2417712



Section A



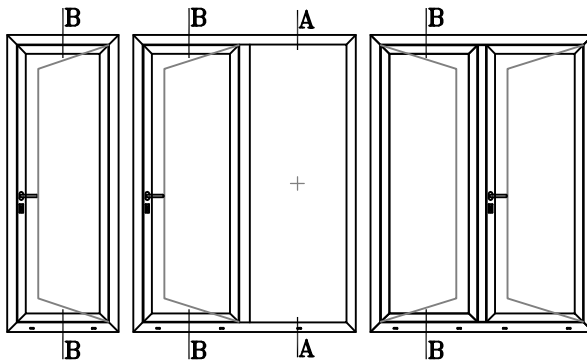
Section B



Section C

SECTIONS

Series GC77

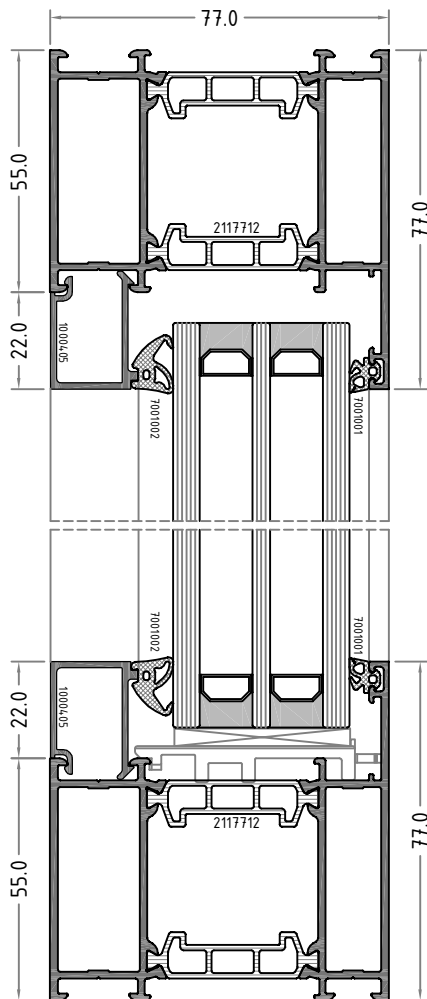


Usable Frames :

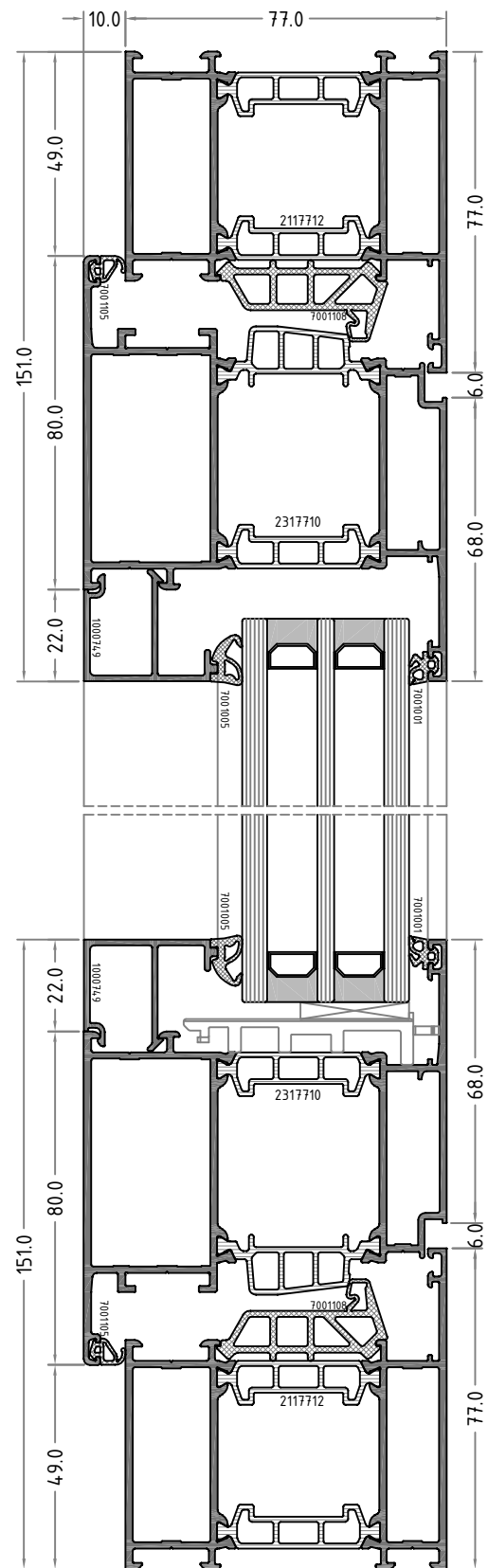
2117710 - 2117711 - 2117712

Usable Sash :

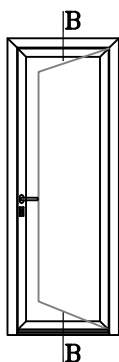
2317710



Section A-A



Section B-B

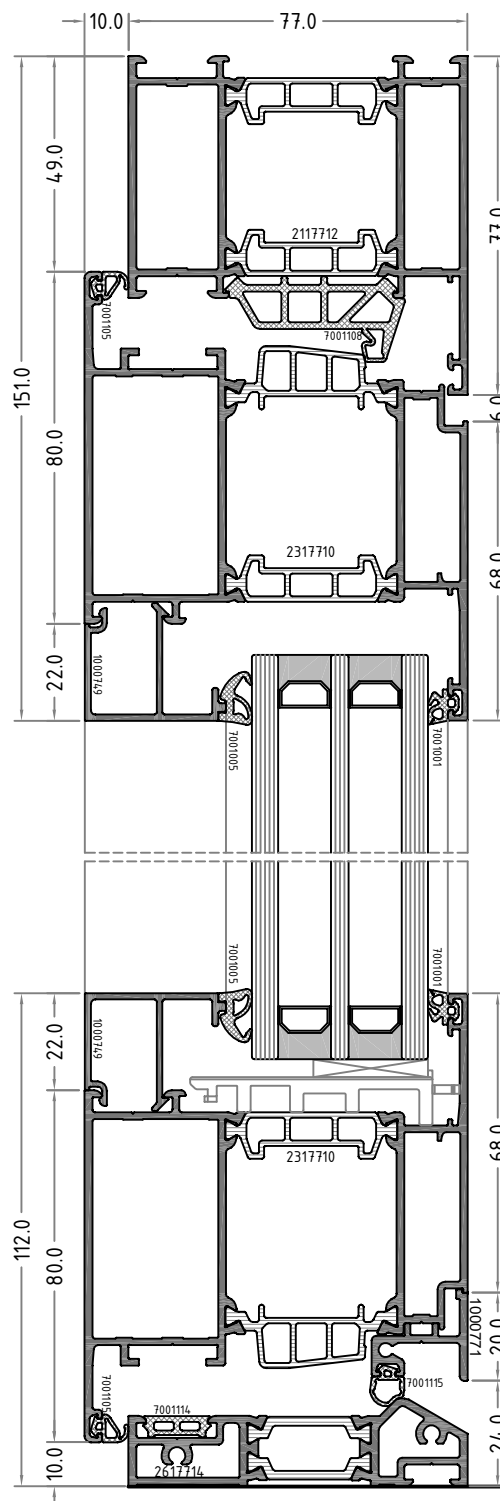


Usable Frames :

2117710 - 2117711 - 2117712

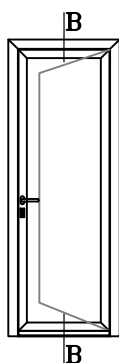
Usable Sash :

2317710



Section B-B

Series GC77

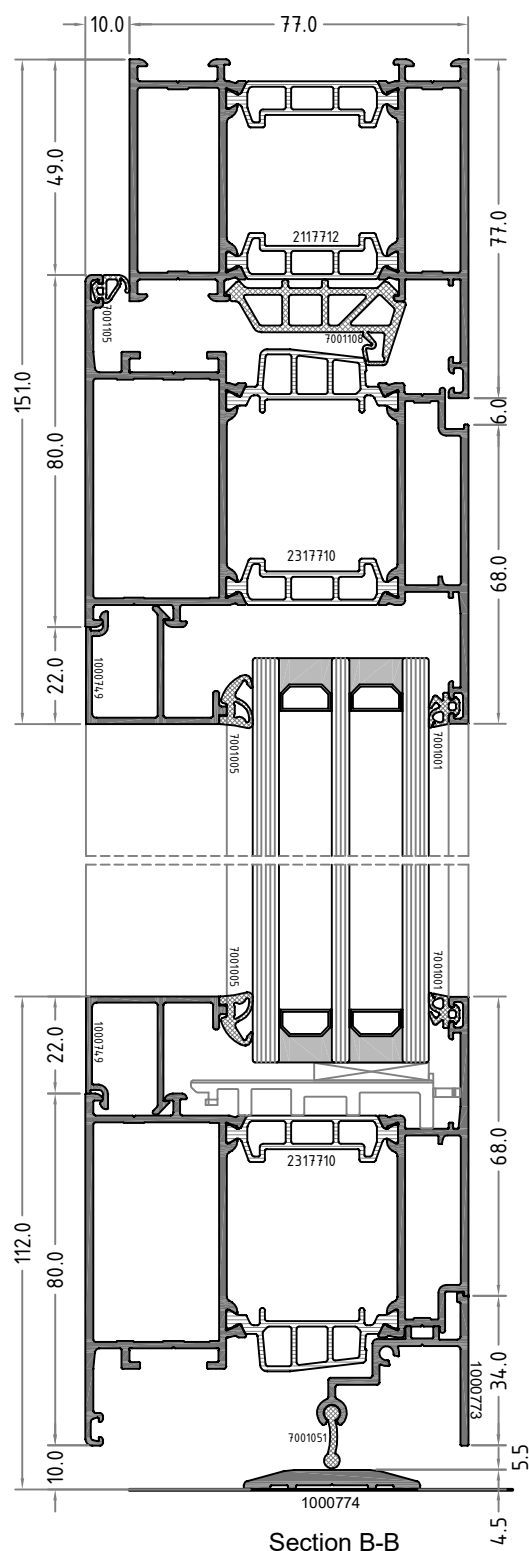


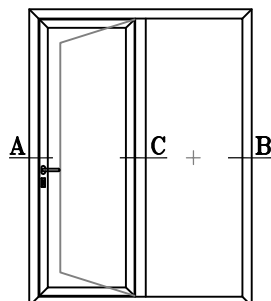
Usable Frames :

2117710 - 2117711 - 2117712

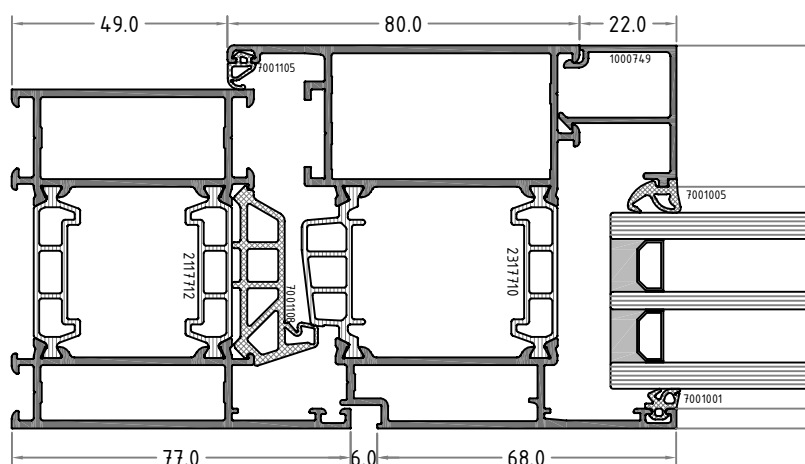
Usable Sash :

2317710

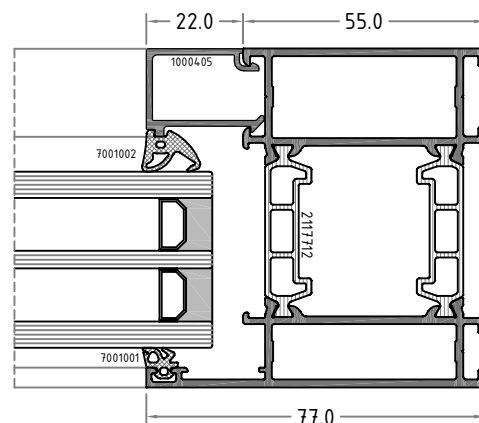




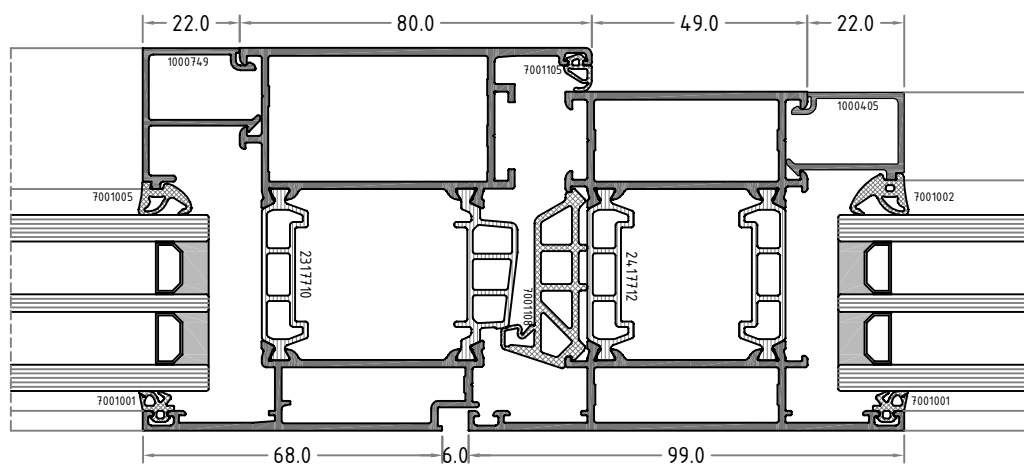
Usable Frames :
2117710 - 2117711 - 2117712
Usable Sash :
2317710
Usable Frame Mullion Transom :
2417710 - 2417711 - 2417712



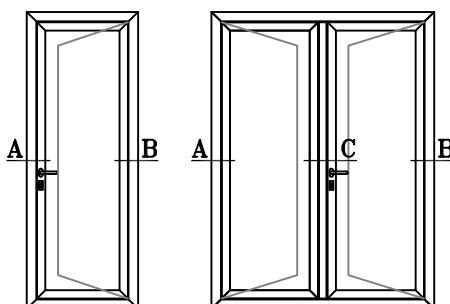
Section A



Section B



Section C

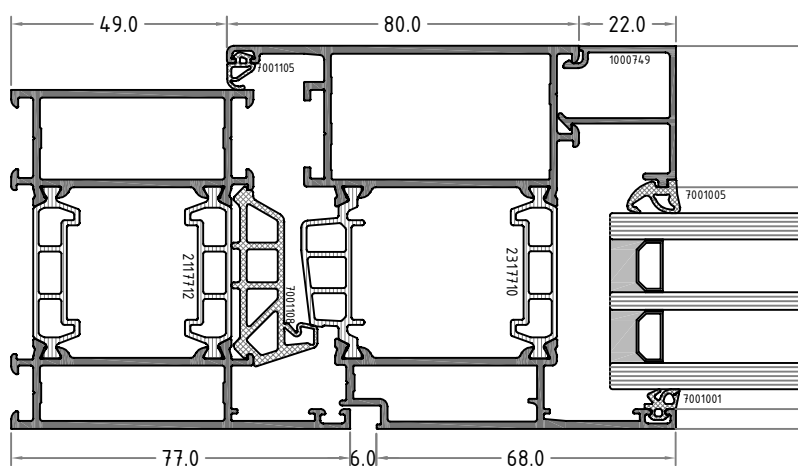


Usable Frames :

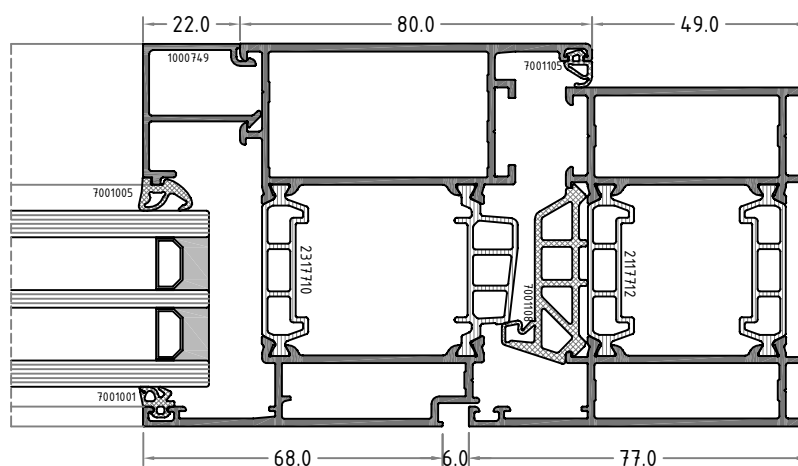
2117710 - 2117711 - 2117712

Usable Sash :

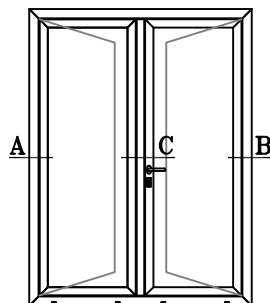
2317710



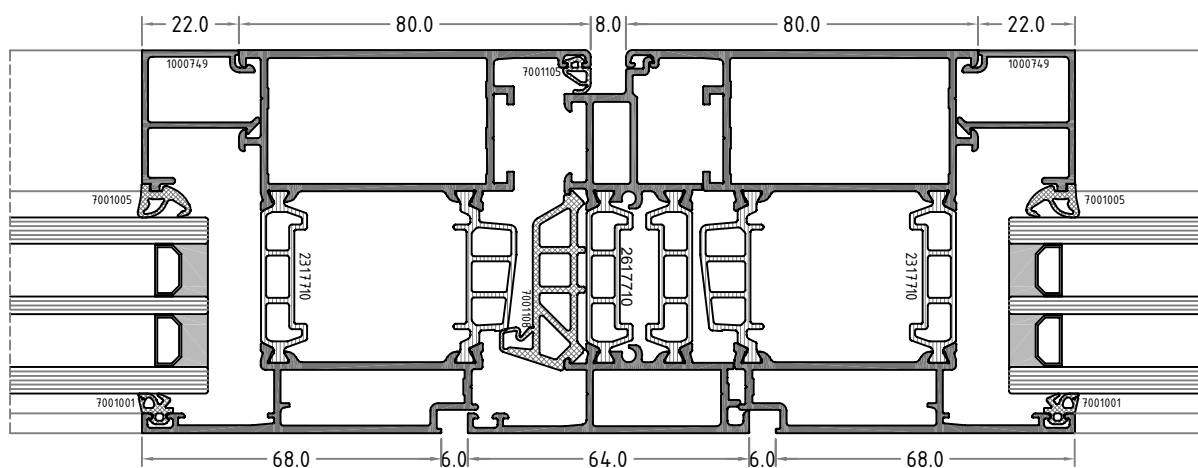
Section A



Section B



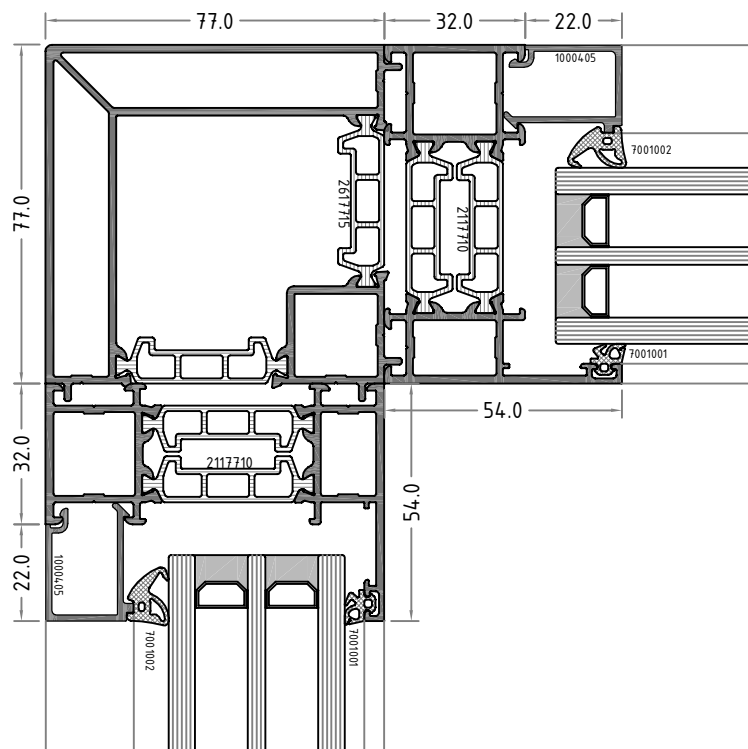
Usable Frames :
2117710 - 2117711 - 2117712
Usable Sash :
2317710



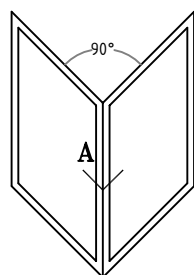
Section C

SECTIONS

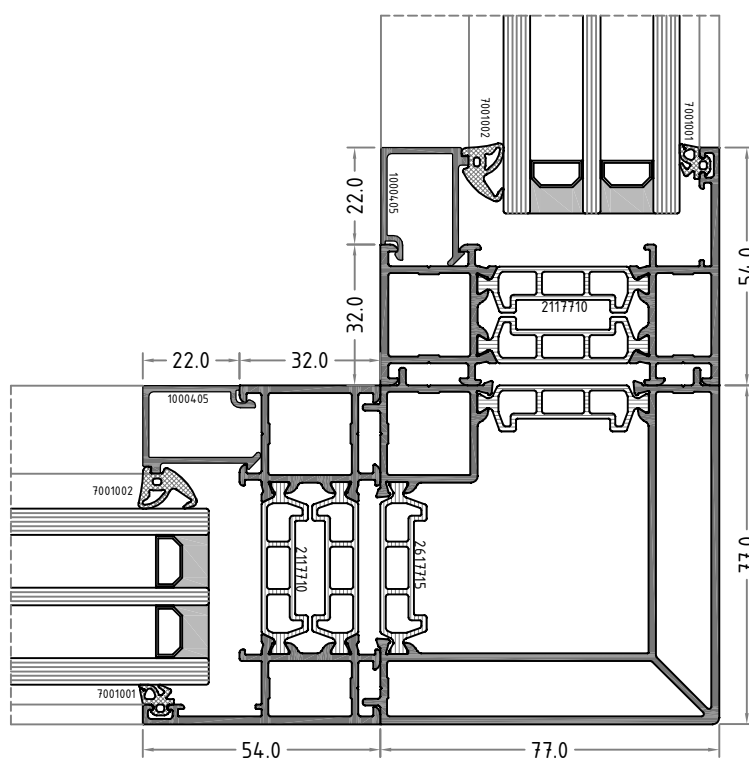
Series GC77

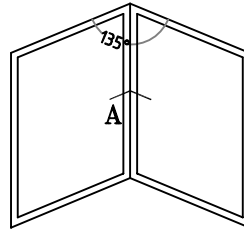


Inner 90 Degree Coupling

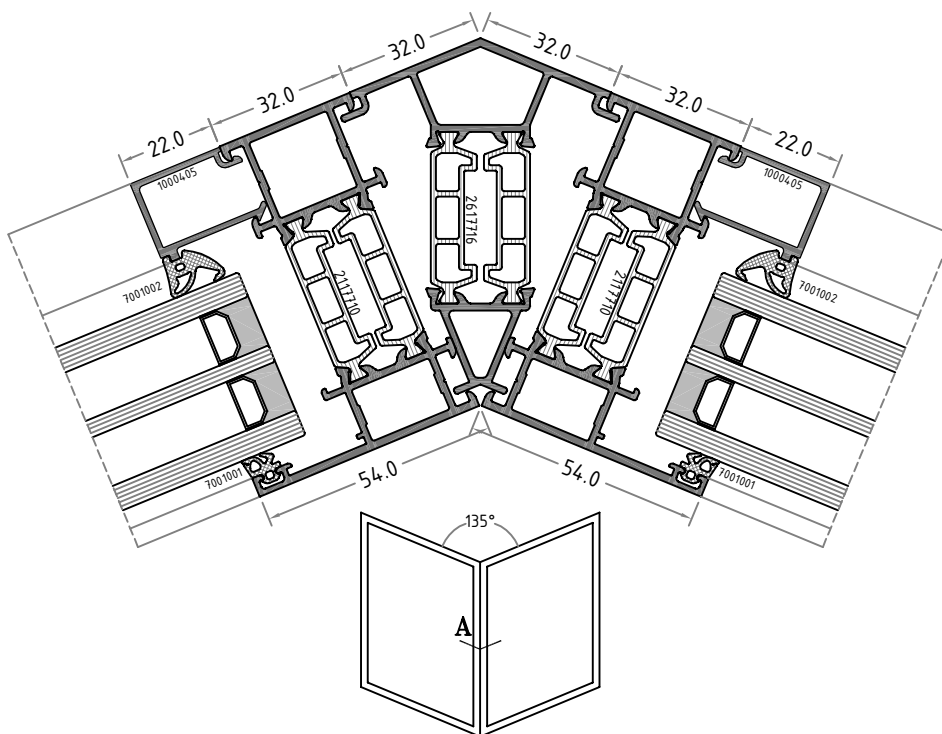


Outer 90 Degree Coupling

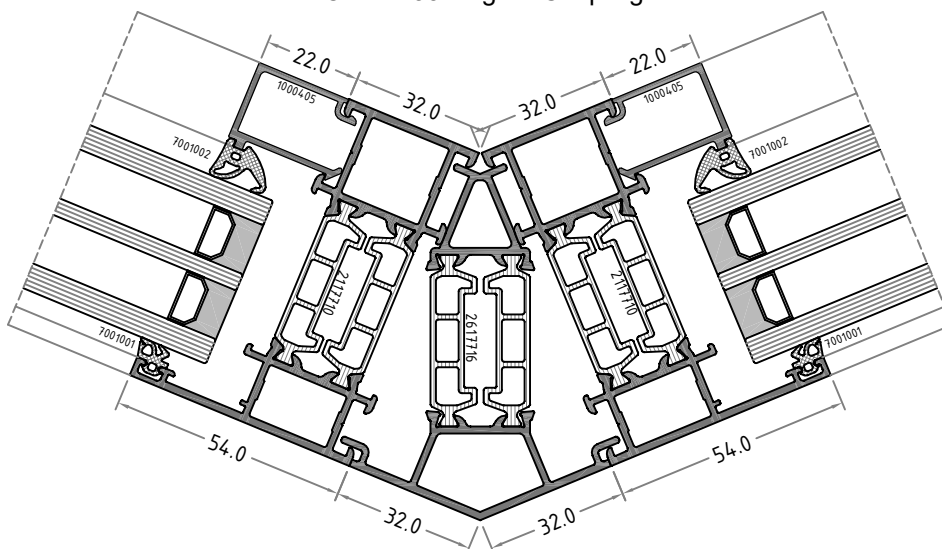




Inner 135 Degree Coupling

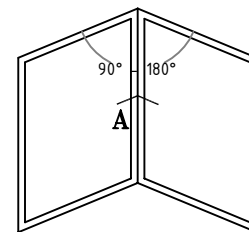
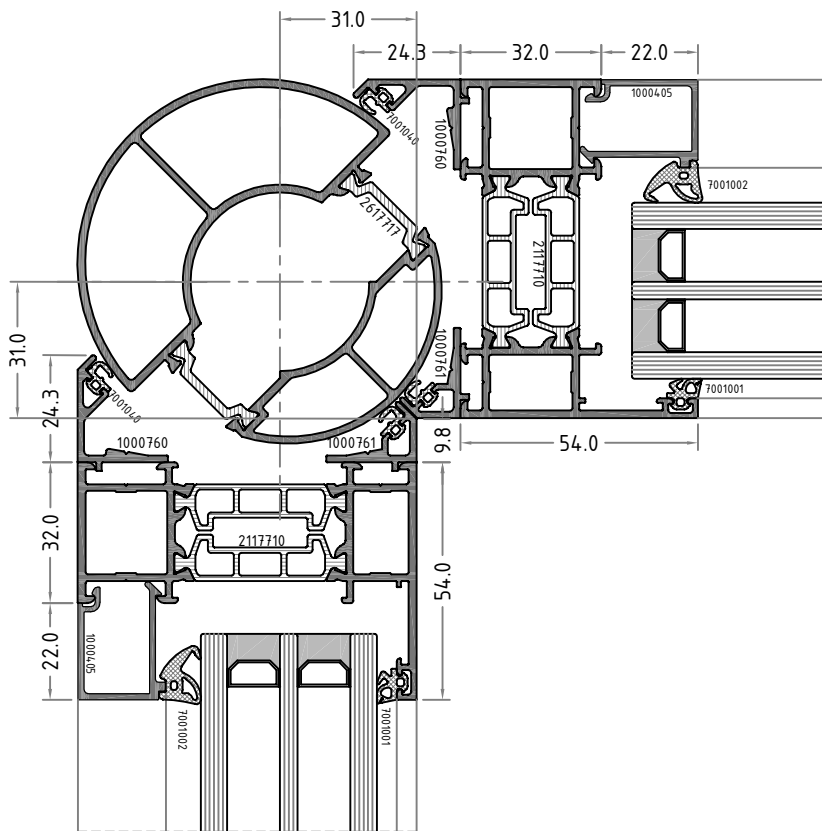


Outer 135 Degree Coupling

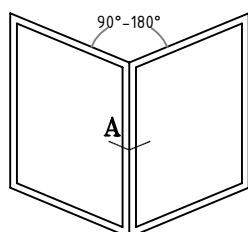


SECTIONS

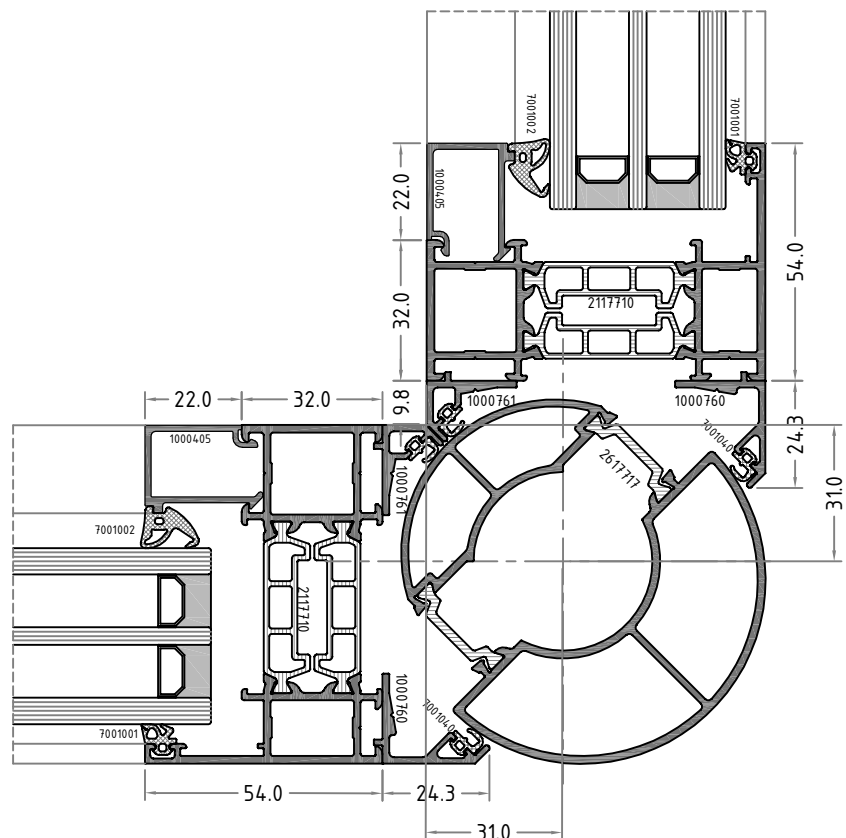
Series GC77



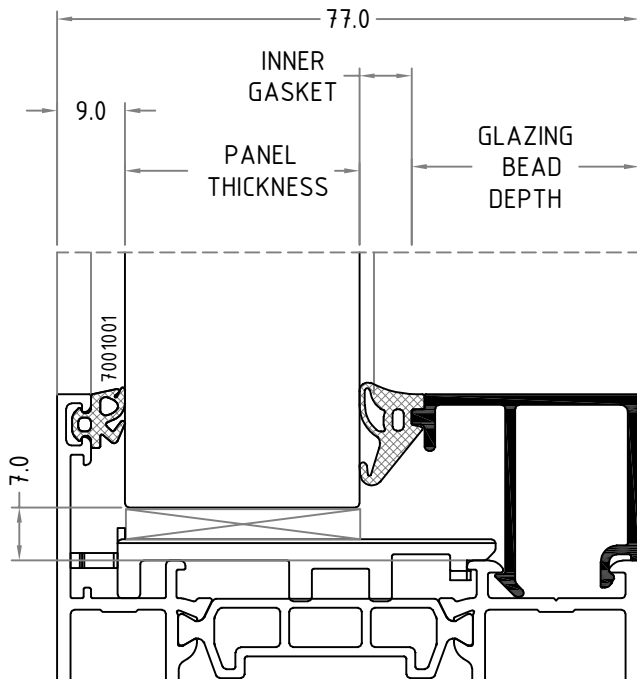
Inner Round Coupling



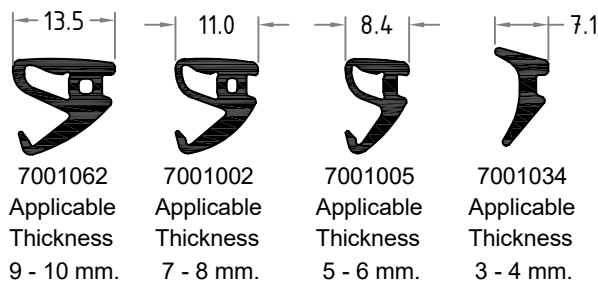
Outer Round Coupling



GC 77 Glazing Table
Frames / Mullions / Transoms



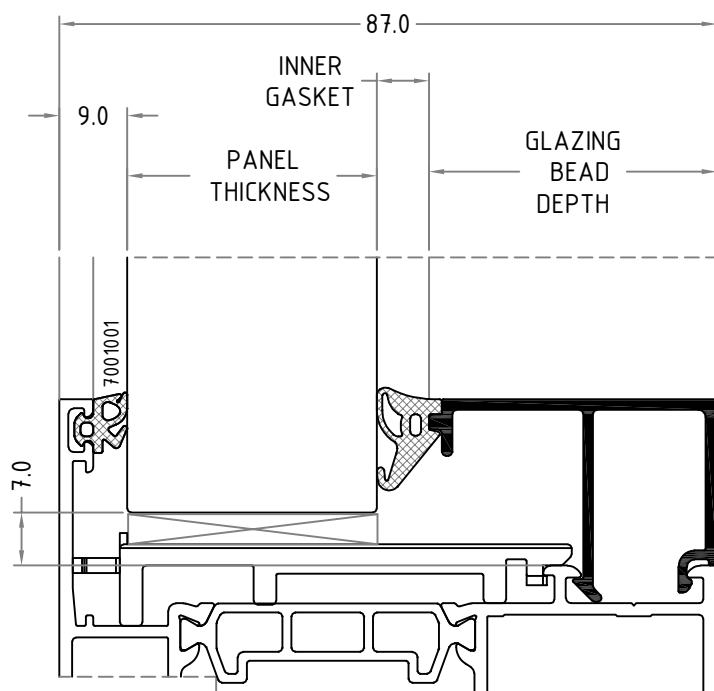
Panel Thickness	Inner Gasket Number	Inner Gasket Thickness	Inner Glazing Profile	Inner Glazing Depth
16 mm.	7001002	8 mm.	1000842	44 mm.
18 mm.	7001005	6 mm.	1000842	44 mm.
20 mm.	7001002	8 mm.	1000750	40 mm.
22 mm.	7001005	6 mm.	1000750	40 mm.
24 mm.	7001002	8 mm.	1000467	36 mm.
26 mm.	7001005	6 mm.	1000467	36 mm.
28 mm.	7001002	8 mm.	1000749	32 mm.
30 mm.	7001005	6 mm.	1000749	32 mm.
32 mm.	7001002	8 mm.	1000414	28 mm.
34 mm.	7001005	6 mm.	1000414	28 mm.
36 mm.	7001002	8 mm.	1000841	24 mm.
38 mm.	7001005	6 mm.	1000841	24 mm.
40 mm.	7001002	8 mm.	1000405	20 mm.
42 mm.	7001005	6 mm.	1000405	20 mm.
44 mm.	7001002	8 mm.	1000840	16 mm.
46 mm.	7001005	6 mm.	1000840	16 mm.
48 mm.	7001002	8 mm.	1000409	12 mm.
50 mm.	7001005	6 mm.	1000409	12 mm.
52 mm.	7001034	4 mm.	1000409	12 mm.
56 mm.	7001002	8 mm.	1000466	4 mm.
58 mm.	7001005	6 mm.	1000466	4 mm.
60 mm.	7001034	4 mm.	1000466	4 mm.



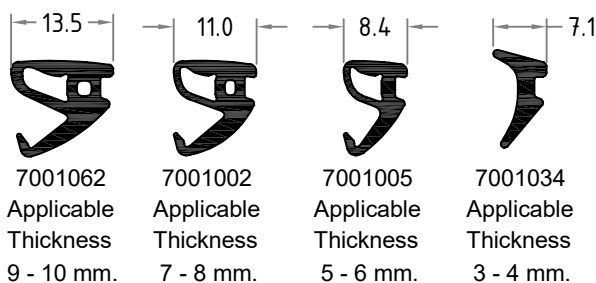
NOTE:
Tolerance of configurations is ± 1 mm.

GC 77 Glazing Table

Inside opening sashes / Insertion Mullion Transom



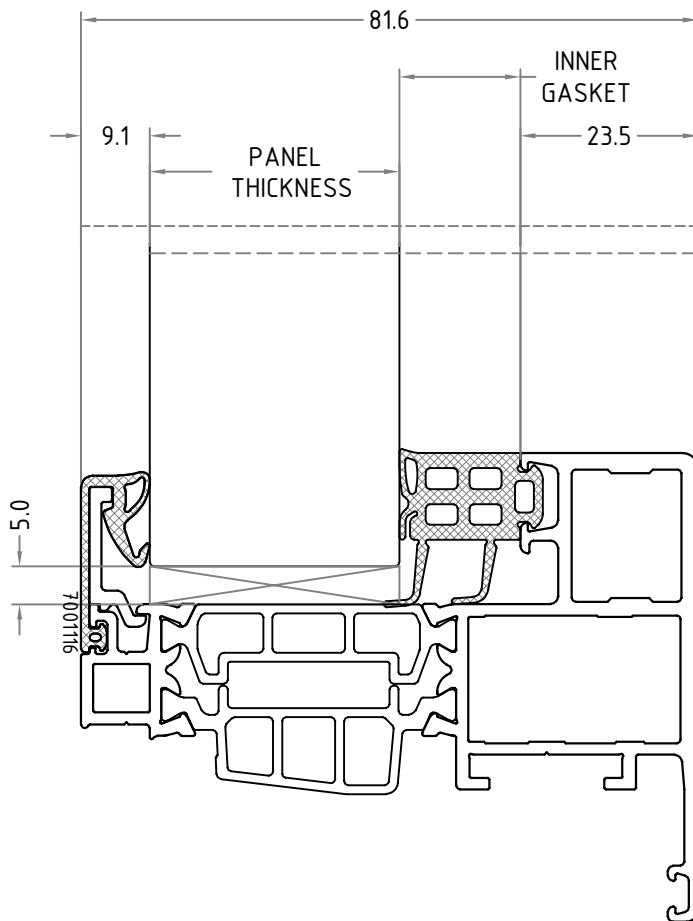
Panel Thickness	Inner Gasket Number	Inner Gasket Thickness	Inner Glazing Profile	Inner Glazing Depth
24 mm.	7001062	10 mm.	1000842	44 mm.
26 mm.	7001002	8 mm.	1000842	44 mm.
28 mm.	7001005	10 mm.	1000750	40 mm.
30 mm.	7001002	8 mm.	1000750	40 mm.
32 mm.	7001005	6 mm.	1000750	40 mm.
34 mm.	7001002	8 mm.	1000467	36 mm.
36 mm.	7001005	6 mm.	1000467	36 mm.
38 mm.	7001002	8 mm.	1000749	32 mm.
40 mm.	7001005	6 mm.	1000749	32 mm.
42 mm.	7001002	8 mm.	1000414	28 mm.
44 mm.	7001005	6 mm.	1000414	28 mm.
46 mm.	7001002	8 mm.	1000841	24 mm.
48 mm.	7001005	6 mm.	1000841	24 mm.
50 mm.	7001002	8 mm.	1000405	20 mm.
52 mm.	7001005	6 mm.	1000405	20 mm.
54 mm.	7001002	8 mm.	1000840	16 mm.
56 mm.	7001005	6 mm.	1000840	16 mm.
58 mm.	7001002	8 mm.	1000409	12 mm.
60 mm.	7001005	6 mm.	1000409	12 mm.



NOTE:

 Tolerance of configurations is ± 1 mm.

GC 77 Glazing Table
 Hidden Vent Sash



Panel Thickness	Inner Gasket Number	Inner Gasket Thickness
32 mm.	7001119	16 mm.
34 mm.	7001118	14 mm.
36 mm.	7001017	12 mm.
38 mm.	7001041	10 mm.
40 mm.	7001117	8 mm.
42 mm.	7001093	6 mm.
44 mm.	7001044	4 mm.

NOTE:
 Tolerance of configurations is $\pm 1\text{mm}$.