

ALUTECH

Technical catalogue

CURTAIN WALL SYSTEMS

ALT F50

Standard
curtain wall system

ALT F50 TT

Transom-transom
curtain wall system

ALT F50 HC

"Hot-cold"
curtain wall system

ALT SKL50

Skylight
system

ALUTECH

GROUP OF COMPANIES



ALU
F50
HC
TT
SKL50

CURTAIN WALL SYSTEM

ALT F50

Standard
curtain wall system

ALT F50 TT

Transom-transom
curtain wall system

ALT F50 HC

«Hot-cold»
curtain wall system

ALT SKL50

Skylight system



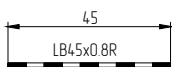
ALUTECH
ALUMINIUM
PROFILE SYSTEMS

GENERAL INFORMATION

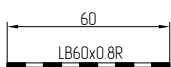
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Aluminium profiles01.03.01
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Gaskets01.03.116
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Metal hardware01.03.197
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Main profile characteristics (1:1)	01.04.01

Information pictograms and symbols

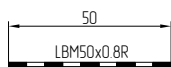
Attention	Use a spatula	Performances improvement	COSMO HD-100.412	Glue for EPDM	Perform the indicated operation	Remove
Step by step	Use a roller	Push on	Cut	Cut	Cut off/Cut out	Strike
1	1.1	Push on till it goes click (click up)	Clean the surface	Torque	Mill	Mill
2	Drill	Drill	Countersink	Use a Torx	Use a wrench	
Two-component adhesive	Hold time	Measure with a caliper	Fix by pins	Adjust	Screw in	Unscrew



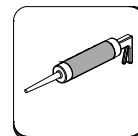
ALUTECH facade tape
Tape length - 15 m
Quantity in pack - 60 m



ALUTECH facade tape
Tape length - 15 m
Quantity in pack - 60 m



ALUTECH metallized tape
Tape length - 15 m
Quantity in pack - 60 m



COSMO HD-100.412

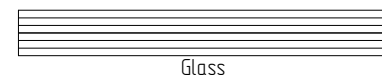
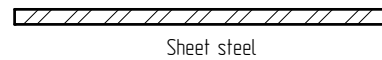
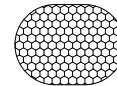
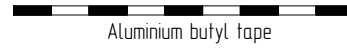
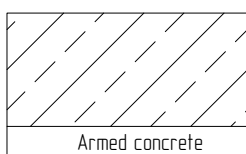
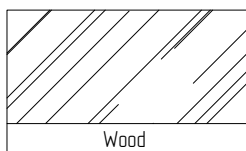
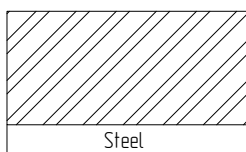
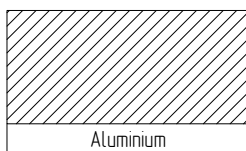
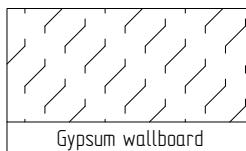
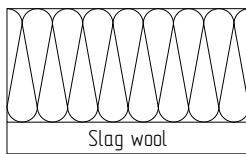
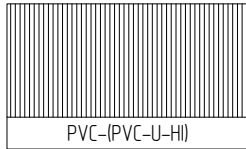
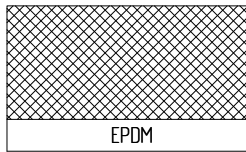
ALUTECH facade tape is a self-adhesive waterproof tape based on butyl rubber, ready for direct use, requires no special tools. Surfaces in the sealing areas of glass units must be cleaned of dirt and degreased. To degrease the surface, it is recommended to use isopropyl alcohol or toluene, using the "two cloths" method (the first cloth removes dirt and fats, the second one wipes dry). The tape must be glued tightly along its entire length, the joints must be overlapped.
The nominal thickness of the tape is 0.8 mm
Application temperature: +10 °C to +40 °C (minimum -15 °C)
Operating temperature: -40°C to +80°C

ALUTECH metallized tape is a self-adhesive waterproof tape based on butyl rubber, ready for direct use, requires no special tools. Surfaces in the sealing areas of glass units must be cleaned of dirt and degreased. To degrease the surface, it is recommended to use isopropyl alcohol or toluene, using the "two cloths" method (the first cloth removes dirt and fats, the second one wipes dry). The tape must be glued tightly along its entire length, the joints must be overlapped. The nominal thickness of the tape is 0.8 mm
Application temperature: +10 °C to +40 °C (minimum -15 °C)
Operating temperature: from -40 °C to +80 °C

COSMO HD-100.412 is a sealant resistant to aging and atmospheric action, used for gluing rubber gaskets, sealing joints between profiles, areas for installing drippers, plugs, etc. Apply COSMO CL-310.110 before applying to painted profiles. Use COSMO CL-300.150 cleaner to remove fresh, non-baked mass from surfaces and tools
Application temperature: +5 °C to +40 °C
Operating temperature: -40 °C to +100 °C



Attention
It is not recommended to use under the clamp bar





This catalogue represents the following aluminium profile systems:

- ALT F50 Standard curtain wall system;
- ALT F50 TT Transom-transom curtain wall system;
- ALT F50 HC "Hot-cold" curtain wall system;
- ALT SKL50 Skylight system.

Component Materials

Aluminium profiles

AlMg0.7Si 6063 alloy profiles are manufactured in accordance with EN 12020-1, condition T6. The alloy is resistant to corrosion and allows to produce high strength profiles.

The aluminium profiles of the system are powder coated (according to Qualicoat / Seaside requirements), or anodized (according to Qualanod requirements). The thickness of the polymeric coating is at least 60 microns, the anodized layer is at least 20 microns.

Sealants

Rubber sealants made on the basis of ethylene propylene rubbers (EPDM) are used to seal the infill units and to prevent contact of aluminium with other materials (glass, steel). The sealants are joined at the corners with a glue based on cyanoacrylate.

Thermal insulated profiles

Thermally insulated profiles are made by extrusion method from solid impact-resistant polyvinyl chloride (PVC-U-HI) with good mechanical and thermal properties.

Connecting and fastening elements

All connecting and fastening elements of the facade (self-tapping screws, bolts, nuts, etc.) must be made of stainless steel (class A2 or higher).

Insulation materials

The facade insulation materials must comply with the requirements of local building codes and standards.

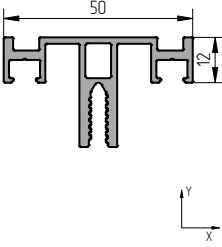
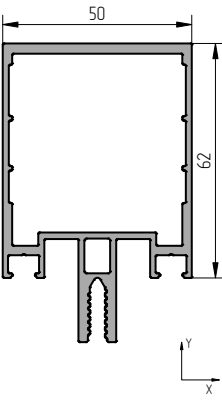
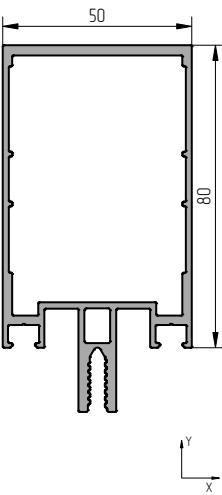
Sheet aluminium

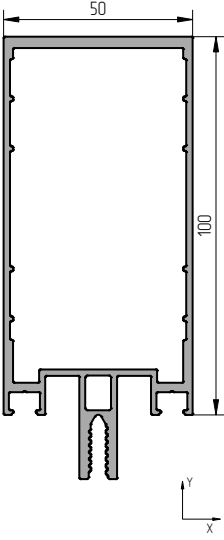
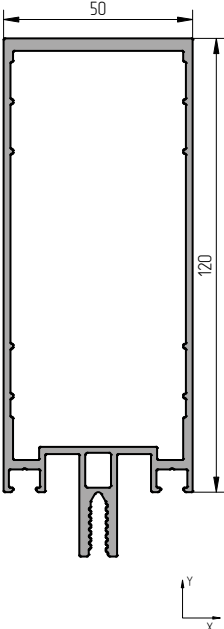
Aluminium sheets used as shaped elements (flashings, cappings, etc.) or elements of multi-layer infill units must have a paint coating and a thickness of at least 1.5 mm.

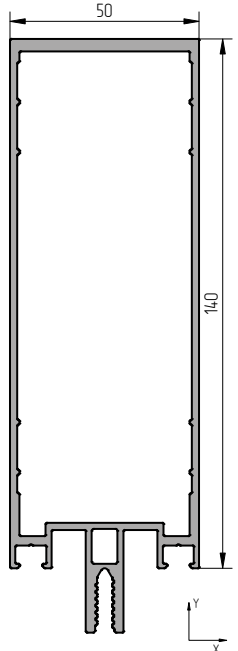
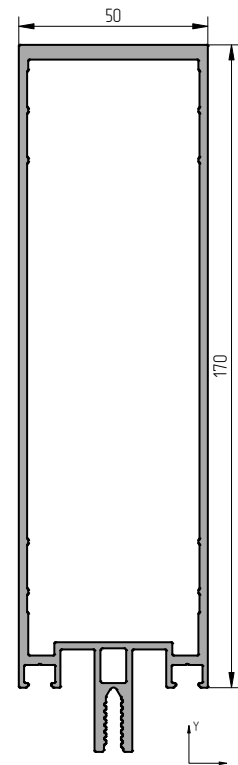
Sheet steel elements

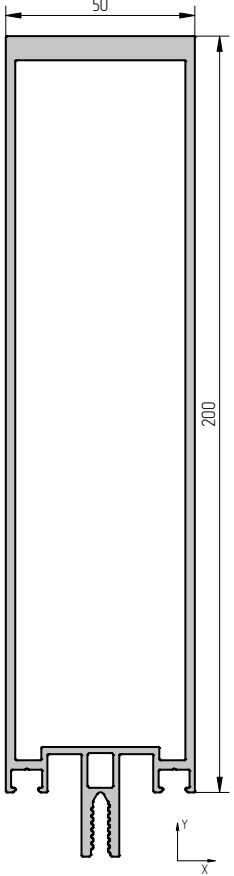
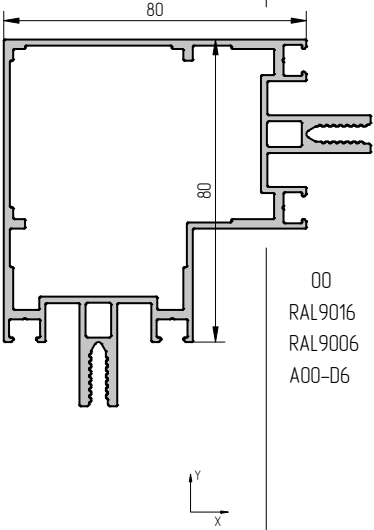
All sheet steel materials used should be protected against corrosion by zinc or other corrosion resistant coating.

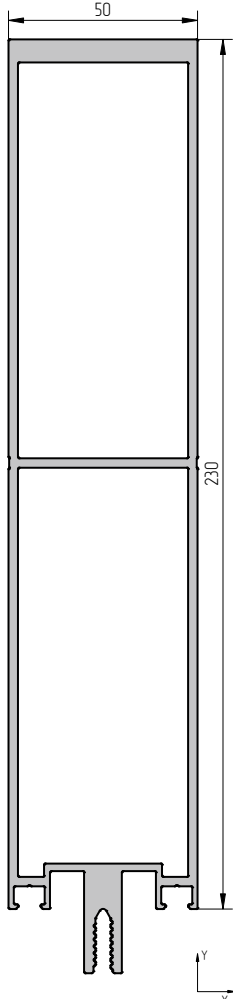
The system developer reserves the right to make changes related to the improvement and further development of the series. All materials of this publication belong to the developer of the system, their unauthorized reproduction is prohibited.

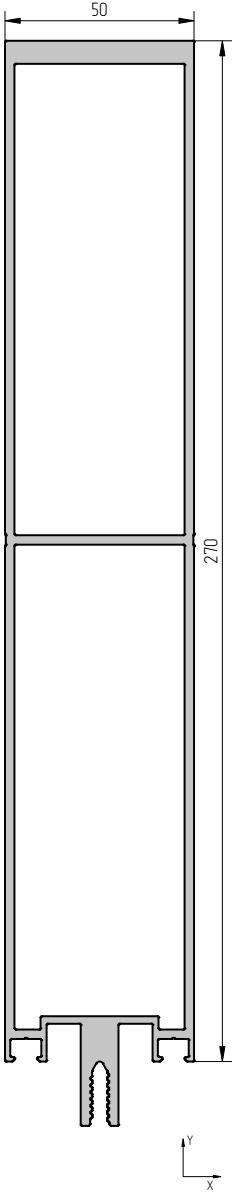
Name, article, drawing				Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
									J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0101 				00 RAL9016 RAL9006 A00-D6	111200100 111200121 111200131 1112001808	0.839	6.8	277.3	2.08	5.40	0.83	2.81	4	27.2	22.8 23.6 23.6 22.8
●															
Mullion profile AYPC.F50.0102 				00 RAL9016 RAL9006 A00-D6	111200200 111200221 111200231 1112002808	1.679	6.8	364.3	40.55	18.33	9.86	7.33	2	13.6	22.8 23.4 23.4 22.8
●															
Mullion profile AYPC.F50.0103 				00 RAL9016 RAL9006 A00-D6	111200300 111200321 111200331 1112003808	1.835	6.8	400.3	71.13	21.71	14.61	8.68	2	13.6	25.0 25.6 25.6 25.0
●															

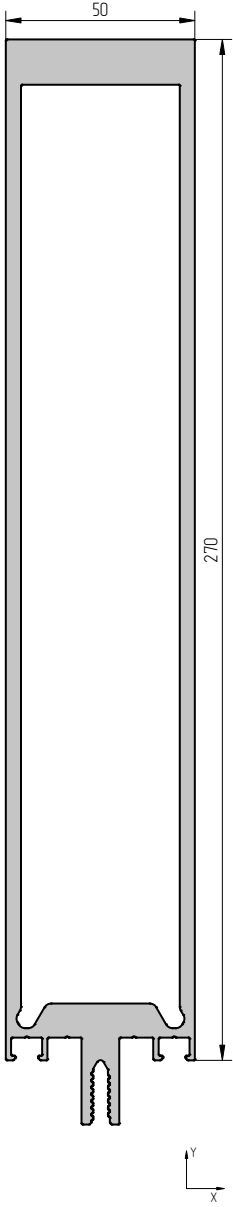
Name, article, drawing				Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
									J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0104 				00 RAL9016 RAL9006 A00-D6	111200400 111200421 111200431 1112004808	2.096	6.8	440.3	123.59	26.70	210.4	10.68	2	13.6	28.5 29.3 29.3 28.5
Mullion profile AYPC.F50.0105 				00 RAL9016 RAL9006 A00-D6	111200500 111200521 111200531 1112005808	2.376	6.8	479.5	196.13	31.92	28.43	12.77	2	13.6	32.3 33.1 33.1 32.3

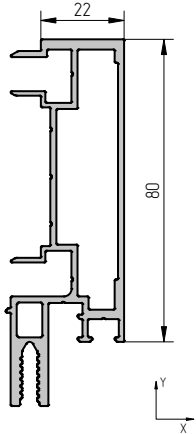
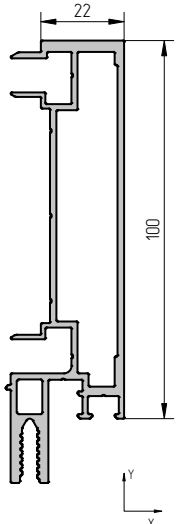
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						J _x	J _y	W _x	W _y	pcs	m		
Mullion profile AYPC.F50.0106 	00	111200600	2.631	6.8	519.5	283.48	37.27	36.05	14.91	2	13.6	36.6	
		RAL9016										111200621	37.4
		RAL9006										111200631	37.4
		A00-D6										1112006808	36.6
F50	F50 TT	F50 HC	SKL50	●									
Mullion profile AYPC.F50.0107 	00	111207800	3.241	6.8	579.5	486.13	48.75	50.62	19.50	2	13.6	45.0	
		RAL9016										111207821	46.0
		RAL9006										111207831	46.0
		A00-D6										1112078808	46.0
													45.0
F50	F50 TT	F50 HC	SKL50	●									

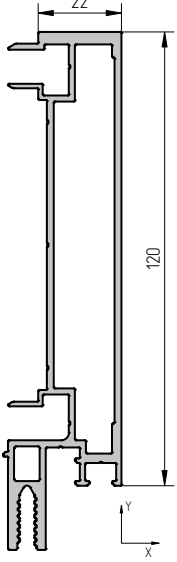
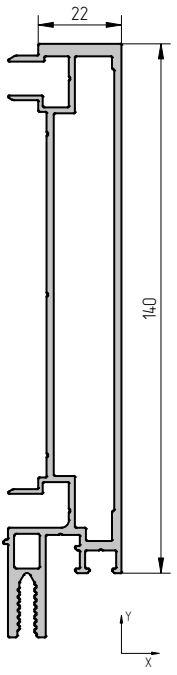
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						J _x	J _y	W _x	W _y	pcs	m	
<p>Mullion profile AYPC.F50.0108</p> 	00 RAL9016 RAL9006 A00-D6	111207900 111207921 111207931 1112079808	4.177	6.8	6395	850.60	63.37	7154	25.35	1	6.8	29.3 29.8 29.8 29.3
<p>Mullion profile AYPC.F50.0109</p> 	00 RAL9016 RAL9006 A00-D6	111200700 111200721 111200731 1112007808	2.587	6.8	600.9	84.79	84.79	15.60	15.60	2	13.6	35.9 37.1 37.1 35.9

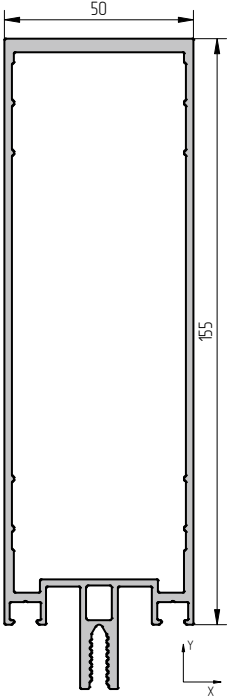
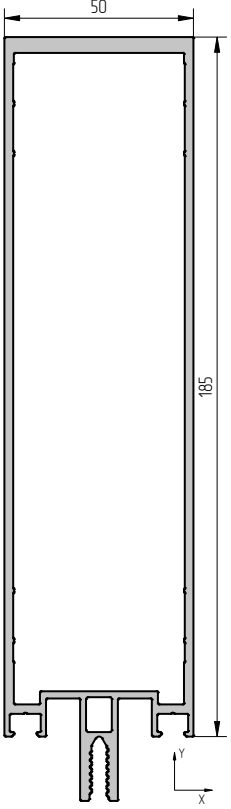
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Mullion profile AYPC.F50.0110 	00 RAL9016 RAL9006 A00-D6	111251000	5.022	6.8	699.3	1254.78	73.49	96.89	29.40	1	6.8	35.1
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		111251031										35.6
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F50	F50 TT	F50 HC	SKL50									

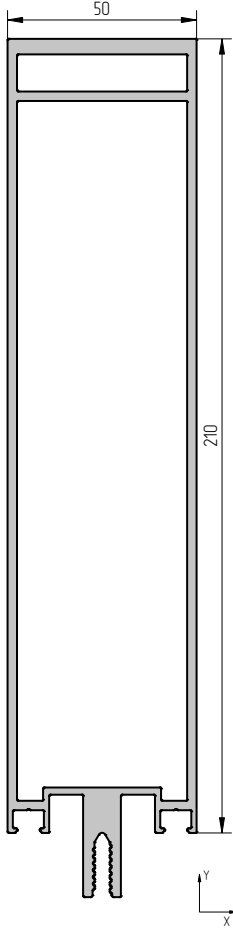
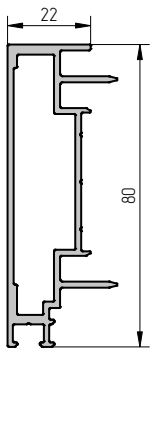
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						J _x	J _y	W _x	W _y	pcs	m		
Mullion profile AYPC.F50.0111 	00	111251100	5.544	6.8	779.3	1857.23	84.78	124.40	33.91	1	6.8	38.9	
		RAL9016										111251121	39.5
		RAL9006										111251131	39.5
		A00-D6										1112511808	38.9
F50	F50 TT	F50 HC	SKL50										
●													

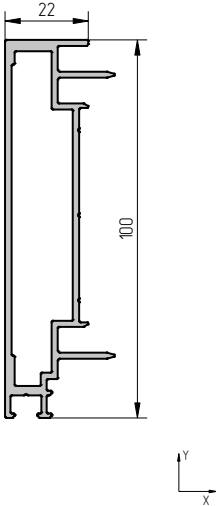
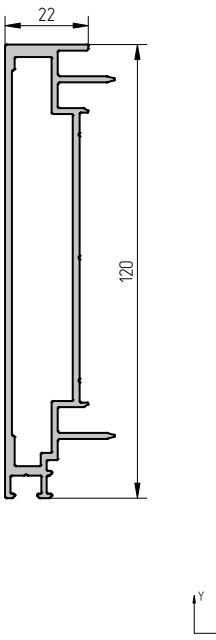
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg											
						J _x	J _y	W _x	W _y	pcs	m												
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		00											11257700										
		RAL9016											11257721										59.3
		RAL9006											11257731										59.3
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F50	F50 TT	F50 HC	SKL50																				

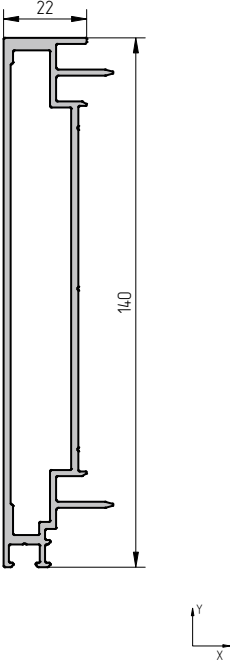
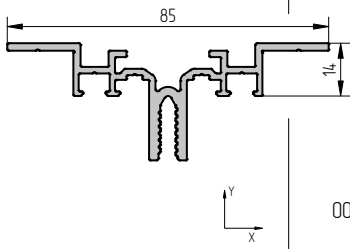
Name, article, drawing				Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
									J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0113 				00 RAL9016 RAL9006 A00-D6	11205000 11205021 11205031 112050808	1566	6.8	428.5	55.16	5.58	11.18	3.34	4	27.2	43.4 45.8 45.8 43.4
Mullion profile AYPC.F50.0114 				00 RAL9016 RAL9006 A00-D6	11205100 11205121 11205131 112051808	1789	6.8	467.7	95.37	6.39	15.96	3.69	4	27.2	49.6 52.1 52.1 49.6

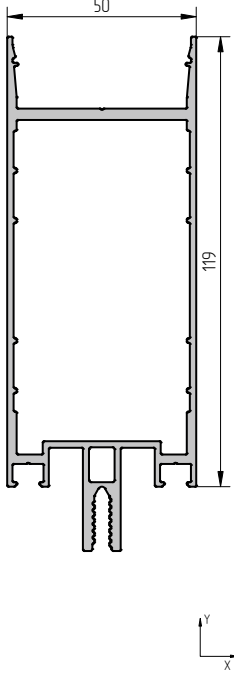
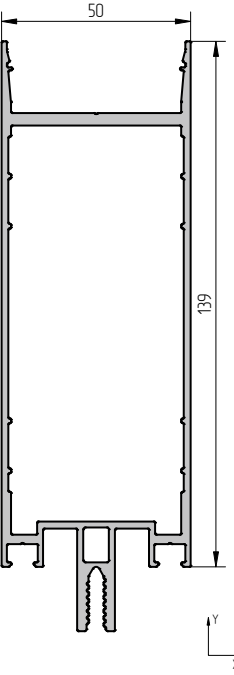
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0115 	00 RAL9016 RAL9006 A00-D6	11205200	2.039	6.8	506.5	151.34	7.23	2165	4.06	2	13.6	28.5
		11205221										29.8
		11205231										29.8
		112052808										28.5
F50	F50 TT	F50 HC	SKL50	●								
Mullion profile AYPC.F50.0116 	00 RAL9016 RAL9006 A00-D6	11205300	2.292	6.8	546.3	222.26	8.08	27.73	4.44	2	13.6	32.0
		11205321										33.4
		11205331										33.4
		112053808										32.0
F50	F50 TT	F50 HC	SKL50	●								

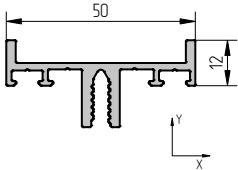
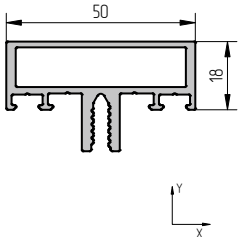
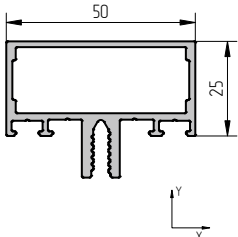
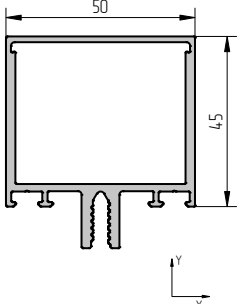
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0117 	00 RAL9016 RAL9006 A00-D6	111257200 111257221 111257231 1112572808	2.890	6.8	549.2	373.67	42.13	42.88	16.85	1	6.8	20.5 20.9 20.9 20.5
Mullion profile AYPC.F50.0118 	00 RAL9016 RAL9006 A00-D6	111257300 111257321 111257331 1112573808	3.539	6.8	609.2	614.50	54.32	58.74	21.73	1	6.8	24.8 25.3 25.3 24.8

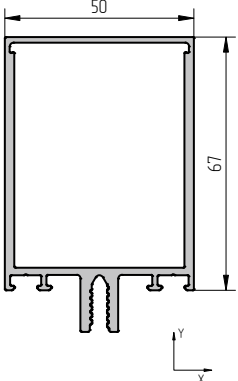
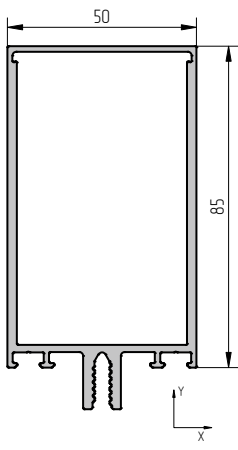
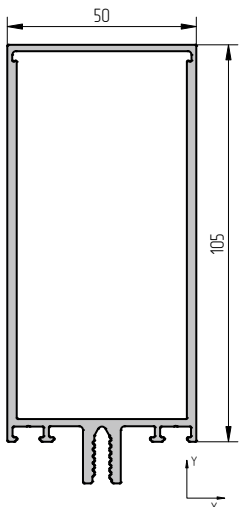
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg						
						J _x	J _y	W _x	W _y	pcs	m							
Mullion profile AYPC.F50.0120 	00 RAL9016 RAL9006 A00-D6	11269300	4.490	6.8	659.2	1006.8	66.38	83.9	26.6	1	6.8	23.4 24.0 24.0 23.4						
		11269321																
		11269331																
		112693808																
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F50	F50 TT	F50 HC	SKL50															
●																		
Mullion profile AYPC.F50.0123 	00 RAL9016 RAL9006 A00-D6	11205400	1.094	6.8	299.1	27.87	2.61	6.50	1.38	4	27.2	30.5 32.1 32.1 30.5						
		11205421																
		11205431																
		112054808																
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F50	F50 TT	F50 HC	SKL50															
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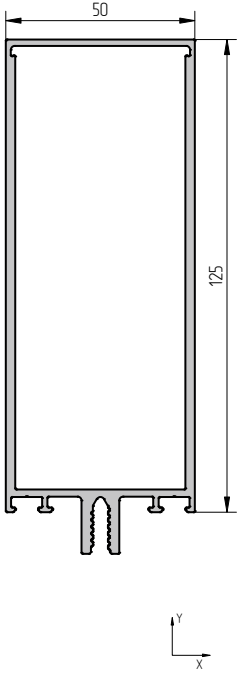
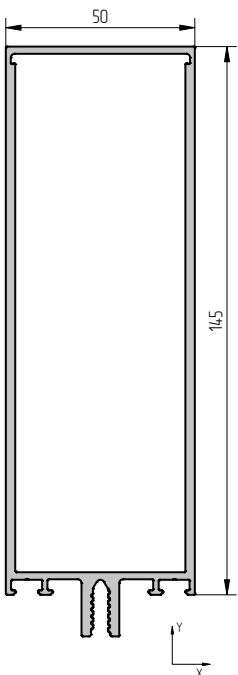
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						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0124 	00 RAL9016 RAL9006 A00-D6	11205500 11205521 11205531 112055808	1.314	6.8	339.6	52.51	3.24	10.00	1.70	4	27.2	36.6 38.4 38.4 36.6
Mullion profile AYPC.F50.0125 	00 RAL9016 RAL9006 A00-D6	11205600 11205621 11205631 112056808	1.555	6.8	379.5	88.47	3.93	14.08	2.06	2	13.6	21.8 22.8 22.8 21.8

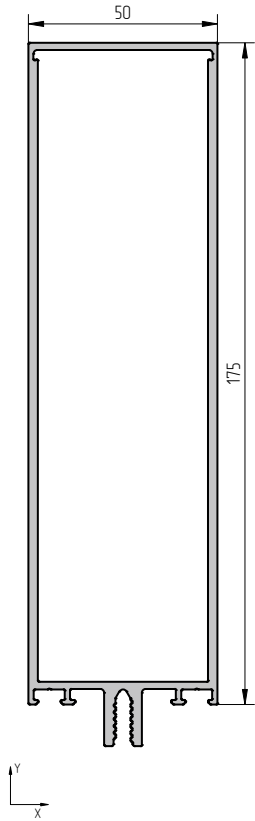
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						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0126 	00 RAL9016 RAL9006 A00-D6	11205700 11205721 11205731 112057808	1807	6.8	418.4	136.73	4.68	18.77	2.45	2	13.6	25.3 26.4 26.4 25.3
Mullion profile AYPC.F50.0131 	00	11260100	0.980	6.8	376.2	257	1350	126	3.18	6	40.8	40.6

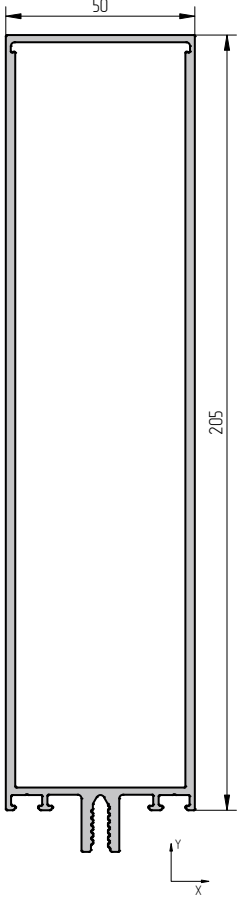
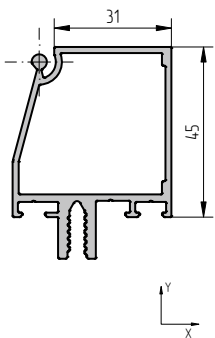
Name, article, drawing				Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
									J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.0145 				00 RAL9016 RAL9006 A00-D6	111254400 111254421 111254431 1112544808	2.304	6.8	518.5	154.9	31.1	23.93	12.44	2	13.6	32.1 32.9 32.9 32.1
Mullion profile AYPC.F50.0146 				00 RAL9016 RAL9006 A00-D6	111254500 111254521 111254531 1112545808	2.584	6.8	557.7	237.6	36.32	3163	14.53	2	13.6	35.9 36.9 36.9 35.9

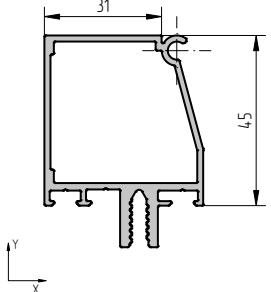
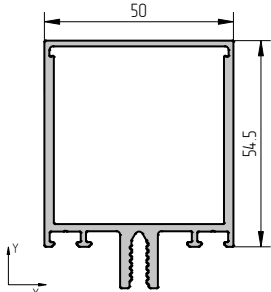
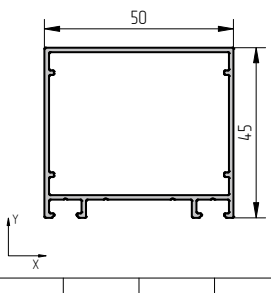
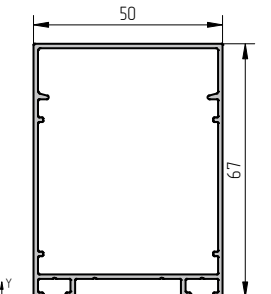
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg				
						J _x	J _y	W _x	W _y	pcs	m					
Transom profile AYPC.F50.0201 	00 RAL9016 RAL9006 A00-D6	11200800 11200821 11200831 112008808	0.654	6.8	2319	0.65	4.95	0.49	1.98	6	40.8	27.1 28.7 28.7 27.1				
													F50	F50 TT	F50 HC	SKL50
													●			
Transom profile AYPC.F50.0202 	00 RAL9016 RAL9006 A00-D6	11200900 11200921 11200931 112009808	0.918	6.8	232.4	2.11	7.79	1.22	3.12	4	27.2	25.5 26.6 26.6 25.5				
													F50	F50 TT	F50 HC	SKL50
													●			
Transom profile AYPC.F50.0203 	00 RAL9016 RAL9006 A00-D6	11201000 11201021 11201031 112010808	0.962	6.8	246.4	3.95	8.77	2.01	3.51	4	27.2	26.8 28.0 28.0 26.8				
													F50	F50 TT	F50 HC	SKL50
													●			
Transom profile AYPC.F50.0204 	00 RAL9016 RAL9006 A00-D6	111201100 111201121 111201131 1112011808	1.282	6.8	283.9	14.38	15.14	5.54	6.06	4	27.2	35.7 36.6 36.6 35.7				
													F50	F50 TT	F50 HC	SKL50
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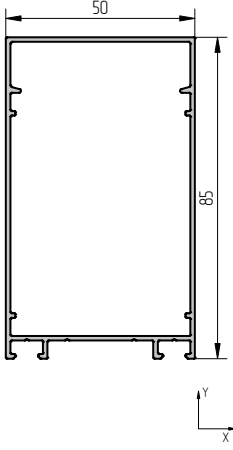
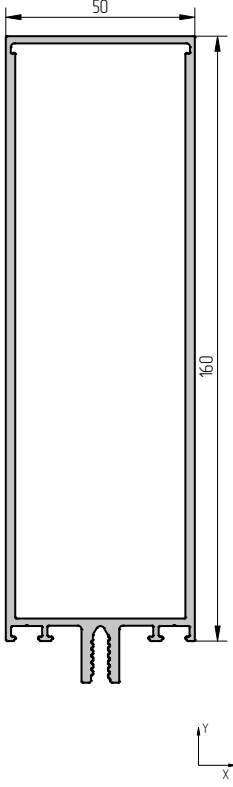
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						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.0205 	00 RAL9016 RAL9006 A00-D6	111201200 111201221 111201231 1112012808	1580	6.8	327.9	36.63	21.35	9.06	8.54	2	13.6	22.3 22.8 22.8 22.3
●												
Transom profile AYPC.F50.0206 	00 RAL9016 RAL9006 A00-D6	111201300 111201321 111201331 1112013808	1824	6.8	363.9	65.12	26.44	12.98	10.58	2	13.6	25.6 26.2 26.2 25.6
●												
Transom profile AYPC.F50.0207 	00 RAL9016 RAL9006 A00-D6	111205800 111205821 111205831 1112058808	2120	6.8	403.9	112.68	32.23	18.74	12.89	2	13.6	29.7 27.0 27.0 29.7
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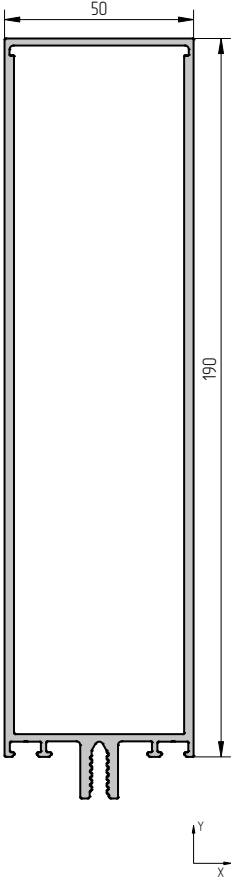
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.0208 	00 RAL9016 RAL9006 A00-D6	11205900 11205921 11205931 112059808	2.391	6.8	443.9	173.74	37.88	24.62	15.15	2	13.6	33.4 34.2 34.2 33.4
Transom profile AYPC.F50.0209 	00 RAL9016 RAL9006 A00-D6	11206000 11206021 11206031 112060808	2.686	6.8	483.9	258.02	43.68	32.17	17.47	1	6.8	19.0 19.4 19.4 19.0

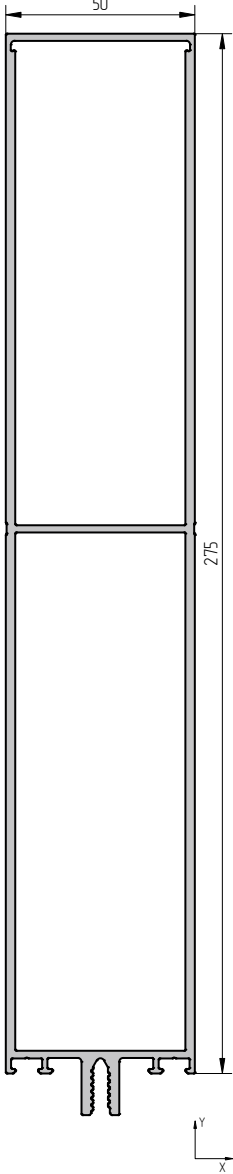
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg	
						J _x	J _y	W _x	W _y	pcs	m		
Transom profile AYPC.F50.0210 	00	111208000	3.093	6.8	5439	415.85	52.15	4350	20.86	1	6.8	219	
	RAL9016	111208021											22.4
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	A00-D6	1112080808											21.9
F50	F50 TT	F50 HC	SKL50										
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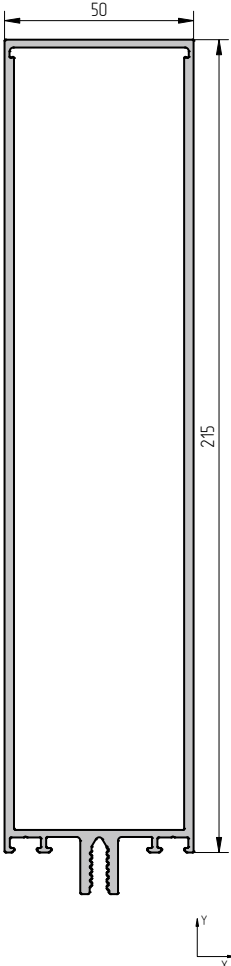
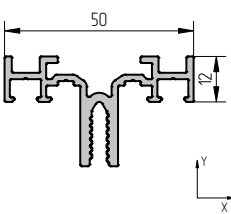
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.0211 	00 RAL9016 RAL9006 A00-D6	111208100	3.500	6.8	603.9	625.01	60.61	56.36	24.25	1	6.8	23.8
		111208121										25.4
		111208131										25.4
		1112081808										23.8
Transom profile AYPC.F50.0212 	00 RAL9016 RAL9006 A00-D6	11206100	1.061	6.8	271.8	12.57	7.53	4.37	3.57	4	27.2	29.4
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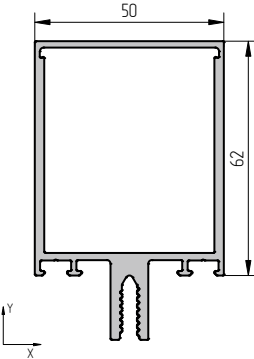
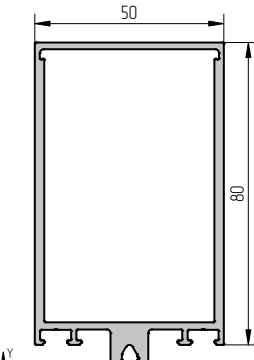
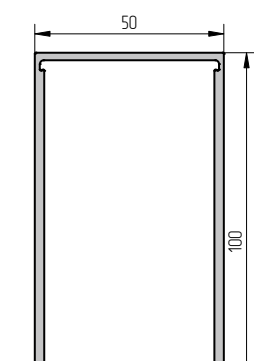
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg				
						J _x	J _y	W _x	W _y	pcs	m					
Transom profile AYPC.F50.0213 	00 RAL9016 RAL9006 A00-D6	11206200 11206221 11206231 112062808	1042	6.8	269.0	12.45	7.43	4.28	3.52	4	27.2	28.9 30.4 30.4 28.9				
													F50	F50 TT	F50 HC	SKL50
													●			
Transom profile AYPC.F50.0214 	00 RAL9016 RAL9006 A00-D6	111250900 111250921 111250931 1112509808	1.411	6.8	302.9	22.45	17.83	7.02	7.13	2	13.6	20.0 20.5 20.5 20.0				
													F50	F50 TT	F50 HC	SKL50
													●			
Transom profile AYPC.F50.0215 	00 RAL9016 RAL9006 A00-D6	11256300 11256321 11256331 112563808	0.664	6.8	225.9	7.06	9.37	3.11	3.75	4	27.2	18.8 19.2 19.2 18.8				
													F50	F50 TT	F50 HC	SKL50
													●			
Transom profile AYPC.F50.0216 	00 RAL9016 RAL9006 A00-D6	11256400 11256421 11256431 112564808	0.826	6.8	269.9	18.84	12.88	5.45	5.15	2	13.6	16.7 17.5 17.5 16.7				
													F50	F50 TT	F50 HC	SKL50
													●			

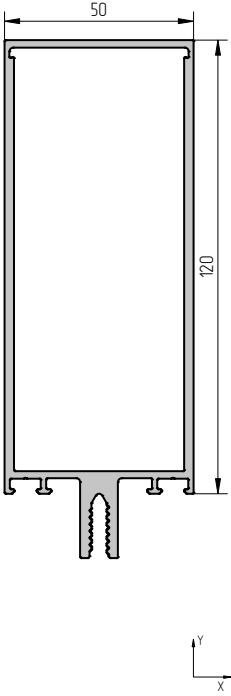
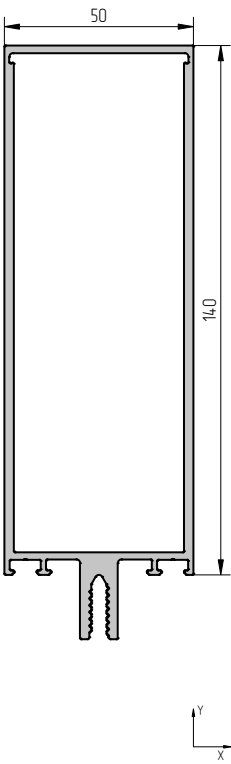
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.0217 	00 RAL9016 RAL9006 A00-D6	11256500 11256521 11256531 112565808	0.943	6.8	305.9	33.92	15.45	7.87	6.18	2	13.6	13.6 14.0 14.0 13.6
Transom profile AYPC.F50.0218 	00 RAL9016 RAL9006 A00-D6	11259100 11259121 11259131 112591808	6.8	2.889	513.9	330.94	47.91	37.64	19.16	1	6.8	215 210 210 215

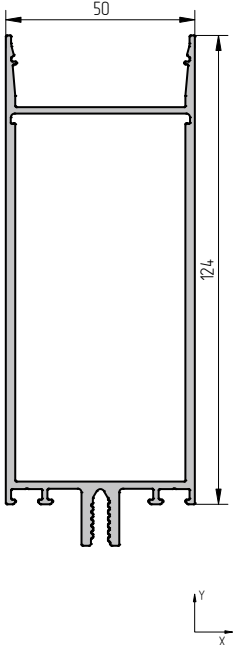
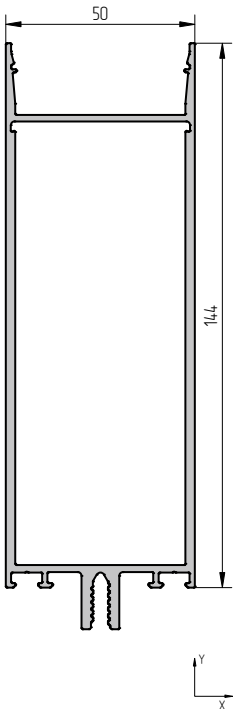
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
										pcs	m	
<p>Transom profile AYPC.F50.0219</p> 	<p>00 RAL9016 RAL9006 A00-D6</p>	11259200	3.296	6.8	573.9	513.60	56.38	49.74	22.55	1	6.8	<p>23.4 24.0 24.0 23.4</p>
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		11259231										
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F50	F50 TT	F50 HC	SKL50									
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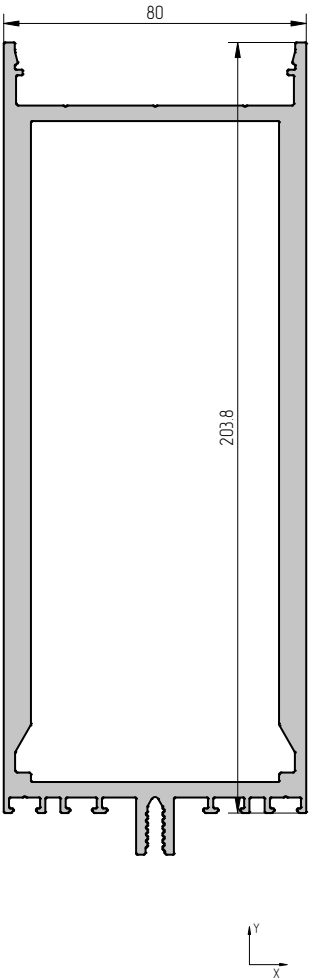
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						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.0220 												
	00	11267100										22.4
	RAL9016	11267121	4.676	6.8	744	1352.5	81.75	92.87	32.7	1	6.8	23.0
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F50	F50 TT	F50 HC	SKL50									

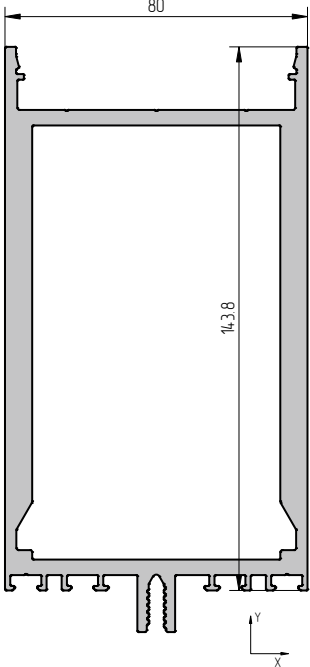
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						J _x	J _y	W _x	W _y	pcs	m									
Transom profile AYPC.F50.0221 	00	11269400	3.646	6.8	623.8	719.2	63.59	62.4	25.4	1	6.8	23.4								
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		RAL9006											11269431	24.0						
		A00-D6											112694808	23.4						
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
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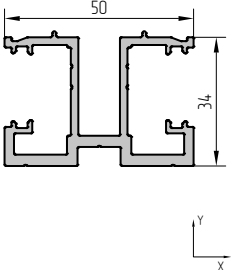
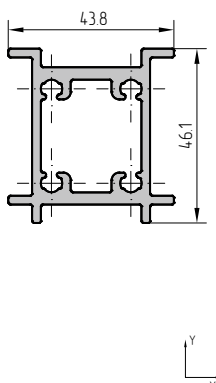
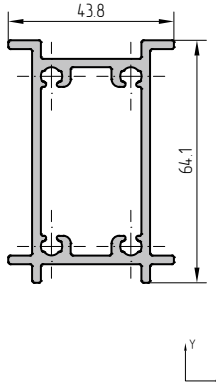
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight,		
						J _x	J _y	W _x	W _y	pcs	m			
Transom profile AYPC.F50.0232 	00	11259400	1677	6.8	335.0	37.23	20.14	9.32	8.06	2	13.6	23.4		
		RAL9016											11259421	24.0
		RAL9006											11259431	24.0
		A00-D6											112594808	23.4
F50	F50 TT	F50 HC	SKL50											
●														
Transom profile AYPC.F50.0233 	00	11259500	1933	6.8	371.0	67.77	25.30	13.66	10.12	2	13.6	27.0		
		RAL9016											11259521	27.6
		RAL9006											11259531	27.6
		A00-D6											112595808	27.0
F50	F50 TT	F50 HC	SKL50											
●														
Transom profile AYPC.F50.0234 	00	11259600	2228	6.8	411.0	117.53	31.10	19.66	12.44	2	13.6	31.0		
		RAL9016											11259621	31.6
		RAL9006											11259631	31.6
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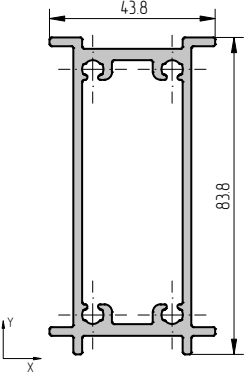
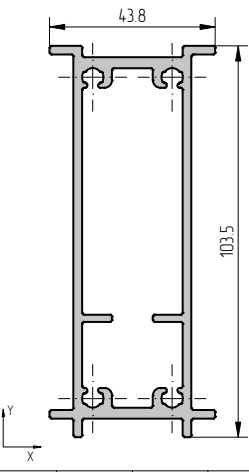
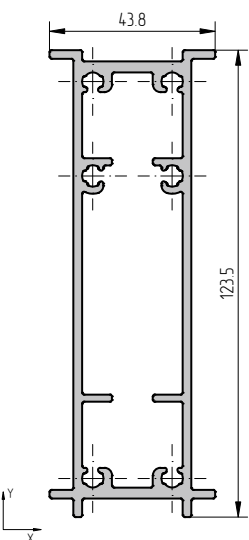
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.0235 	00 RAL9016 RAL9006 A00-D6	11259700 11259721 11259731 112597808	2.499	6.8	4510	18162	36.74	25.80	14.70	2	13.6	34.7 35.5 35.5 34.7
Transom profile AYPC.F50.0236 	00 RAL9016 RAL9006 A00-D6	11259800 11259821 11259831 112598808	2.770	6.8	4910	264.10	42.39	32.65	16.96	1	6.8	19.5 19.9 19.9 19.5

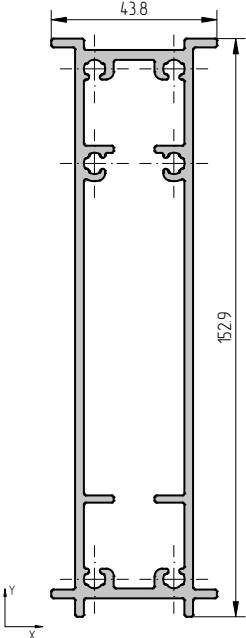
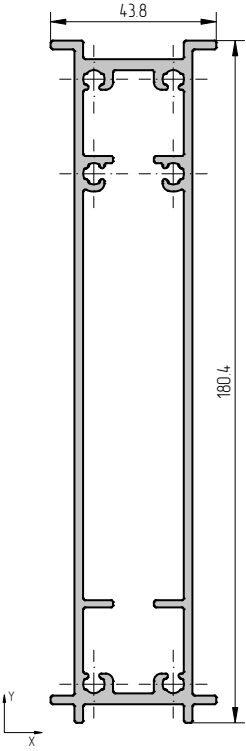
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Transom profile AYPC.F50.0248 	00 RAL9016 RAL9006 A00-D6	111254600	2.328	6.8	4818	145.83	36.64	19.98	6.46	2	13.6	32.5							
		111254621										33.3							
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		1112546808										32.5							
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F50	F50 TT	F50 HC	SKL50																
●																			
Transom profile AYPC.F50.0249 	00 RAL9016 RAL9006 A00-D6	111254700	2.599	6.8	5218	218.12	42.28	26.20	16.91	1	6.8	18.4							
		111254721										18.8							
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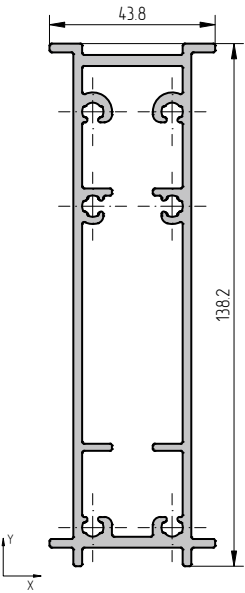
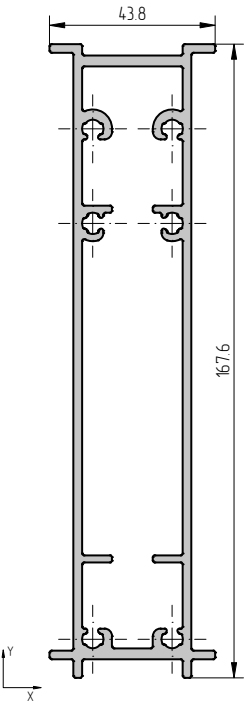
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						J _x	J _y	W _x	W _y	pcs	m		
Transom profile AYPC.F50.0251 			9.060	6.8	7418	1365.76	3814.7	127.28	95.37	1	6.8	625 631 631 625	
													00
		RAL9016	11261721										
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F50	F50 TT	F50 HC	SKL50										
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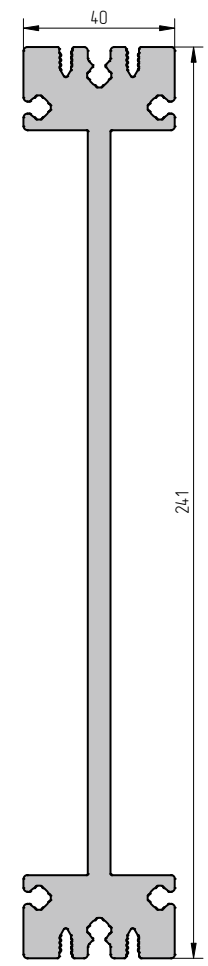
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						J _x	J _y	W _x	W _y	pcs	m									
Transom profile AYPC.F50.0253 		00	11238600	6.727	6.8	6218	514.43	266.62	66.4	66.7	1	6.8	46.5							
		RAL9016	11238621											47.0						
		RAL9006	11238631											47.0						
		A00-D6	112386808											46.5						
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F50	F50 TT	F50 HC	SKL50																	
●																				
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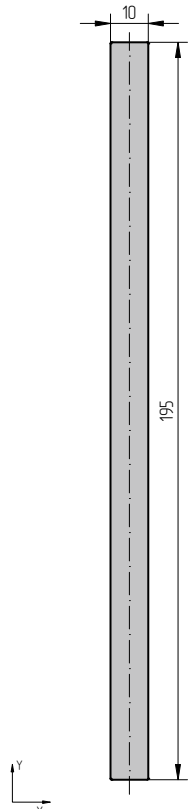
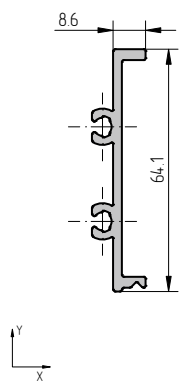
Name, article, drawing				Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg									
									J _x	J _y	W _x	W _y	pcs	m										
Reinforcing profile AYPC.F50.0301 				00	11201400	1.148	6.8	377.7	6.50	9.14	6.64	3.66	4	27.2	318									
					11201421										326									
11201431	326																							
112014808	318																							
F50	F50 TT	F50 HC	SKL50																					
●																								
Reinforcing profile AYPC.F50.0302 				00	111201500	1.397	6.8	219.5	1184	8.02	5.06	3.66	4	27.2	38.6									
F50	F50 TT	F50 HC	SKL50																					
●																								
Reinforcing profile AYPC.F50.0303 				00	111201600	1.477	6.8	255.4	26.58	9.44	8.25	4.31	4	27.2	40.8									
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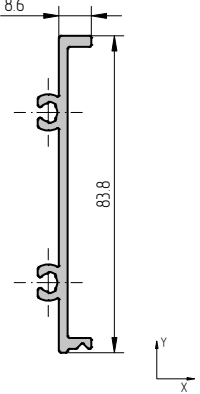
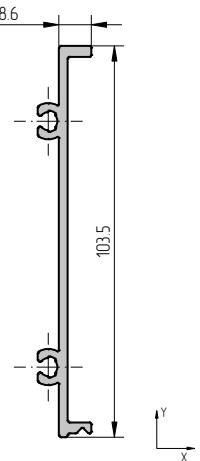
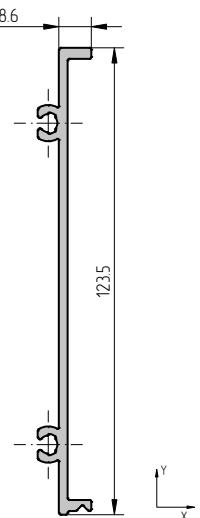
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
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F50	F50 TT	F50 HC	SKL50																
●			●																
Reinforcing profile AYPC.F50.0305 	00	111201800	2.143	6.8	3305	103.41	13.72	19.86	6.27	2	13.6	29.7							
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F50	F50 TT	F50 HC	SKL50																
●			●																
Reinforcing profile AYPC.F50.0306 	00	111201900	2.566	6.8	3705	168.86	16.32	26.74	7.45	2	13.6	35.5							
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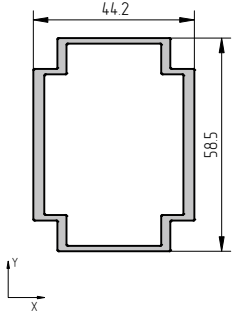
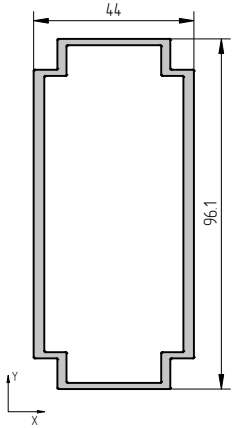
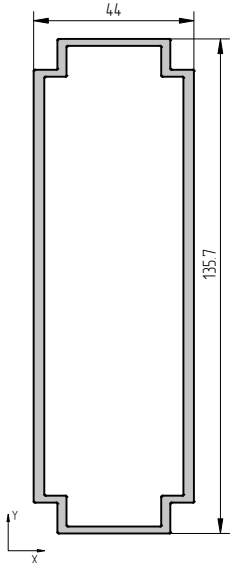
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Reinforcing profile AYPC.F50.0307 	00	111208200	2.889	6.8	4293	289.30	19.05	37.02	8.70	2	13.6	40.0							
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F50	F50 TT	F50 HC	SKL50																
●			●																
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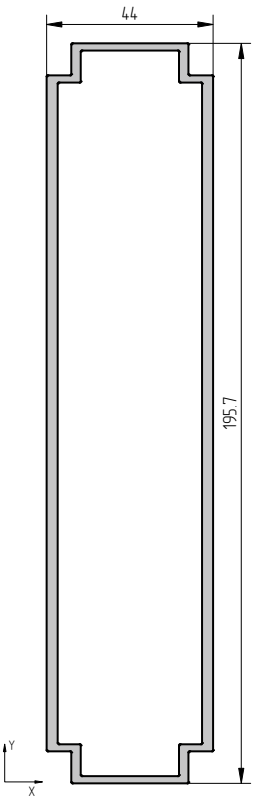
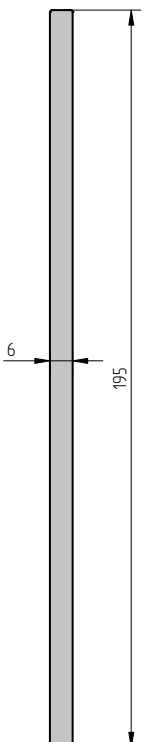
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Reinforcing profile AYPC.F50.0309 	00	111257400	2.831	6.8	399.9	228.19	18.06	32.03	8.25	2	13.6	39.2							
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F50	F50 TT	F50 HC	SKL50																
●																			
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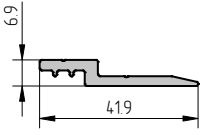
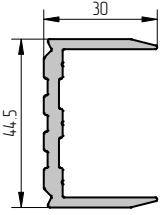
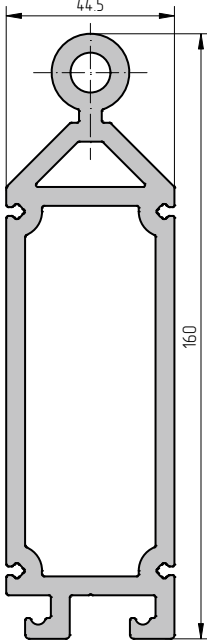
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
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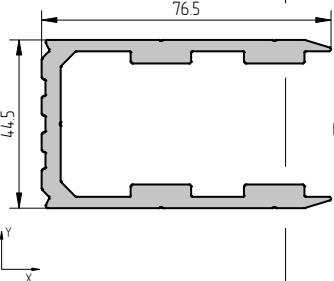
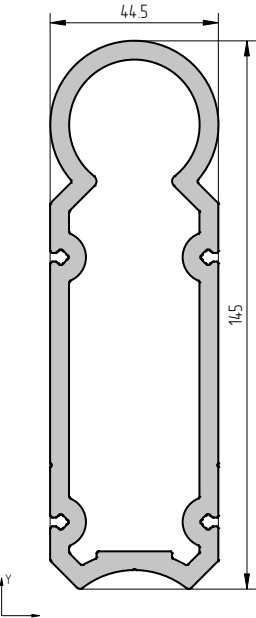
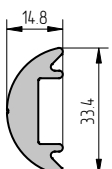
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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●																				
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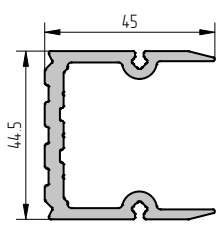
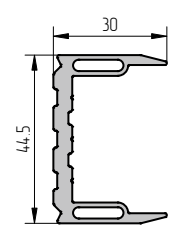
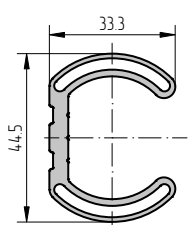
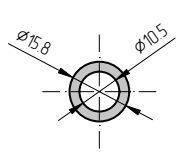
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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●																				
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●																				
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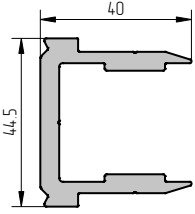
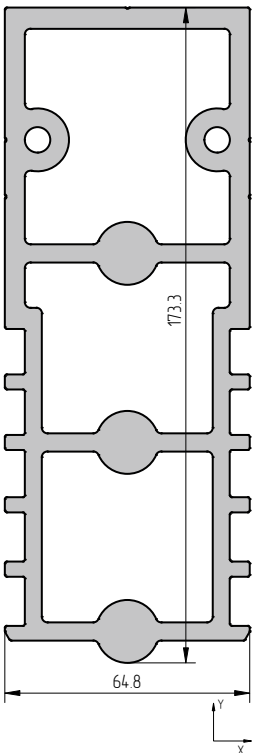
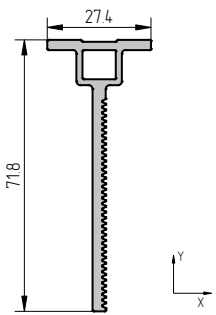
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
Reinforcing profile AYPC.F50.0318 	00	11258400	1216	6.8	203.9	16.75	13.72	5.73	6.21	2	13.6	17.1								
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F50	F50 TT	F50 HC	SKL50																	
●																				
Reinforcing profile AYPC.F50.0319 	00	11260000	1826	6.8	278.7	66.22	22.73	13.78	10.33	2	13.6	25.4								
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F50	F50 TT	F50 HC	SKL50																	
●																				
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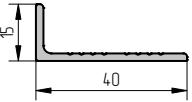
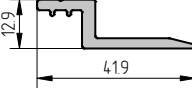
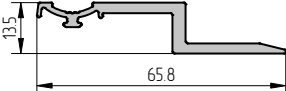
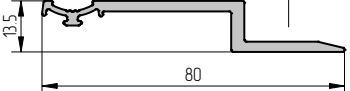
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
<p>Reinforcing profile AYPC.F50.0321</p> 	00	11260900	3.433	6.8	477.9	479.44	47.35	49.00	2152	1	6.8	24.1								
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F50	F50 TT	F50 HC	SKL50																	
●																				
<p>Reinforcing profile AYPC.F50.0322</p> 	00	11269900	3.158	6.8	401.1	370.54	0.35	38.00	1.16	1	6.8	22.1								
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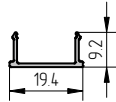
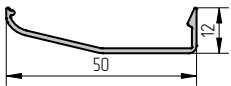
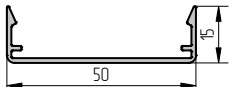
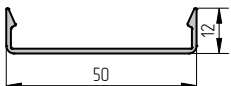
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						J _x J	J _y J	W _x	W _y	pcs	m								
Junction profile AYPC.F50.0401 	00	11202000	0.347	6.8	99.6	-	-	-	-	8	54.4	18.9							
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F50	F50 TT	F50 HC	SKL50																
	●	●																	
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F50	F50 TT	F50 HC	SKL50																
●	●																		
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F50	F50 TT	F50 HC	SKL50																
●			●																

Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
<p>Junction profile AYPC.F50.0407</p> 	00	11206800	2.250	6.8	403.7	27.85	46.2	6.30	20.8	2	13.6	31.9							
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F50	F50 TT	F50 HC	SKL50																
●			●																
<p>Junction profile AYPC.F50.0408</p> 	00	11250300	5.006	3.4	399.3	383.37	55.62	50.98	25.00	2	6.8	34.1							
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F50	F50 TT	F50 HC	SKL50																
●																			
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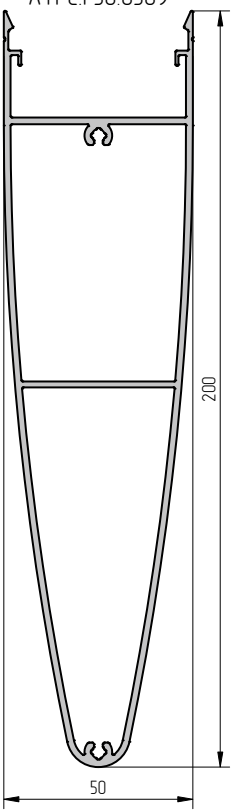
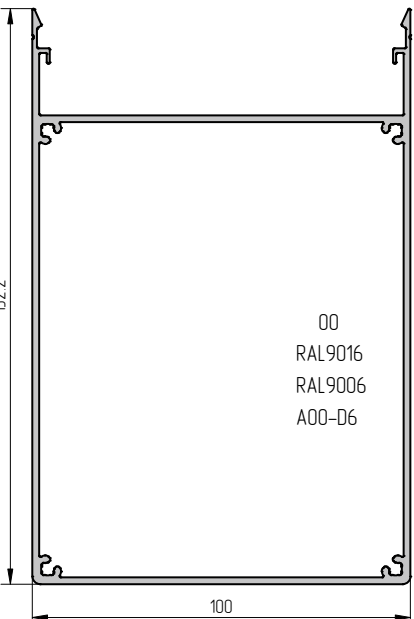
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Junction profile AYPC.F50.04.13 	00	11255100	1212	6.8	287.2	-	-	-	-	4	27.2	33.0
●	●											
Junction profile AYPC.F50.04.14 	00	11255200	0.847	6.8	199.1	-	-	-	-	6	27.2	34.6
●	●											
Junction profile AYPC.F50.04.15 	00	11261800	0.883	6.8	198.4	-	-	-	-	2	13.6	12.4
●	●											
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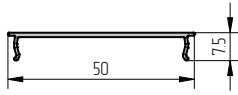
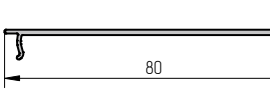
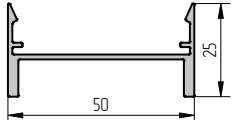
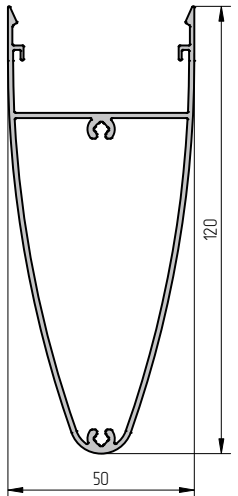
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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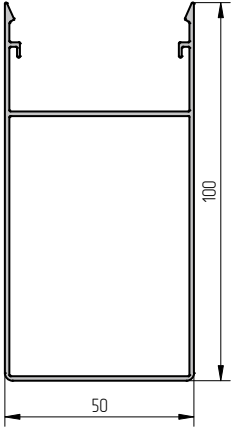
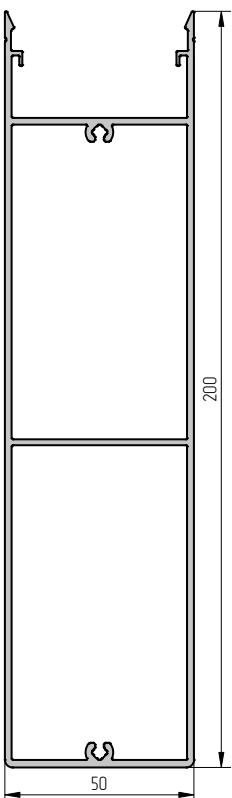
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
Junction profile AYPC.F50.0432 	00	11260400	0.284	3.0	109.5	-	-	-	-	20	60.0	17.2								
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F50	F50 TT	F50 HC	SKL50																	
		●																		
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F50	F50 TT	F50 HC	SKL50																	
		●																		
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F50	F50 TT	F50 HC	SKL50																	
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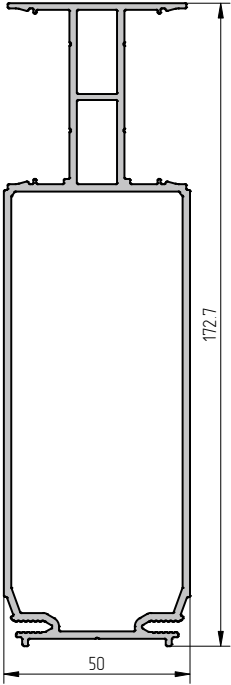
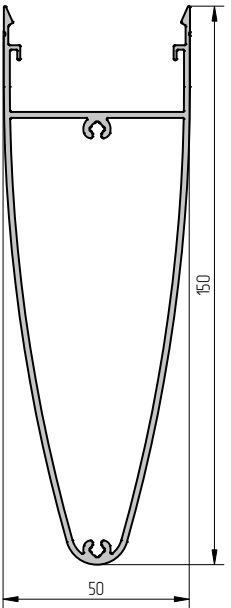
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Cover cap profile AYPC.F50.0501 	00 RAL9016 RAL9006 A00-D6	11202500	0.095	6.8	72.5	-	-	-	-	20	136	13.3
		11202521										15.3
		11202531										15.3
		112025808										13.3
F50	F50 TT	F50 HC	SKL50	●	●	●	●					
Cover cap profile AYPC.F50.0502 	00 RAL9016 RAL9006 A00-D6	11202600	0.231	6.8	133.6	-	-	-	-	10	68	16.2
		11202621										18.1
		11202631										18.1
		112026808										16.2
F50	F50 TT	F50 HC	SKL50	●								
Cover cap profile AYPC.F50.0503 	00 RAL9016 RAL9006 A00-D6	11202700	0.286	6.8	165.1	-	-	-	-	10	68	19.9
		11202721										22.1
		11202731										22.1
		112027808										19.9
F50	F50 TT	F50 HC	SKL50	●	●	●						
Cover cap profile AYPC.F50.0504 	00 RAL9016 RAL9006 A00-D6	11202800	0.252	6.8	144.3	-	-	-	-	10	68	17.6
		11202821										19.6
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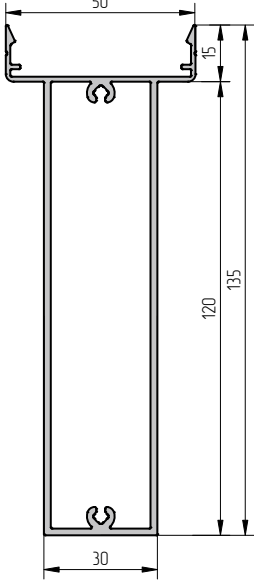
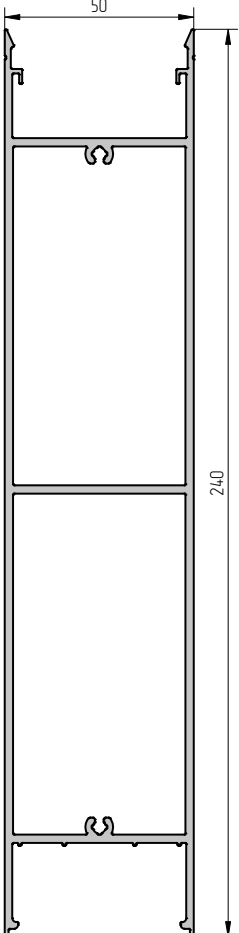
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						J _x	J _y	W _x	W _y	pcs	m	
						F50	F50 TT	F50 HC	SKL50			
Cover cap profile AYPC.F50.0505 	00 RAL9016 RAL9006 A00-D6	11202900 11202921 11202931 112029808	0.827	6.8	287.0	-	-	-	-	3	20.4	17.6
												18.7
												18.7
												17.6
●												
Cover cap profile AYPC.F50.0506 	00 RAL9016 RAL9006 A00-D6	11207000 11207021 11207031 112070808	0.359	6.8	203.5	-	-	-	-	3	20.4	7.9
												8.7
												8.7
												7.9
●												
Cover cap profile AYPC.F50.0507 	00 RAL9016 RAL9006 A00-D6	11203000 11203021 11203031 112030808	0.939	6.8	322.4	-	-	-	-	2	13.6	13.5
												14.0
												14.0
												13.5
●												
Cover cap profile AYPC.F50.0508 	00 RAL9016 RAL9006 A00-D6	11250800 11250821 11250831 112508808	0.670	6.8	276.8	-	-	-	-	8	54.4	37.1
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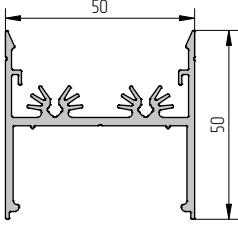
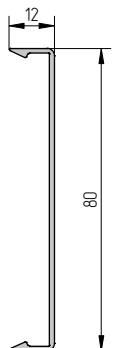
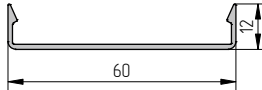
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Cover cap profile AYPC.F50.0509 	OO RAL9016 RAL9006 A00-D6	11251700	2.515	6.8	539.5	-	-	-	-	2	13.6	32.8							
		11251721											33.7						
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F50	F50 TT	F50 HC	SKL50																
●																			
Cover cap profile AYPC.F50.0510 	OO RAL9016 RAL9006 A00-D6	11251800	2.570	6.8	580.3	-	-	-	-	2	13.6	36.1							
		11251821											37.0						
		11251831											37.0						
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F50	F50 TT	F50 HC	SKL50																
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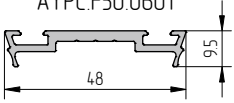
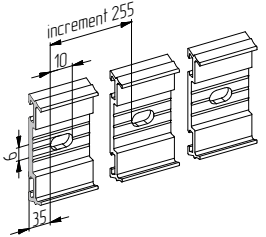
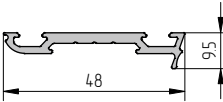
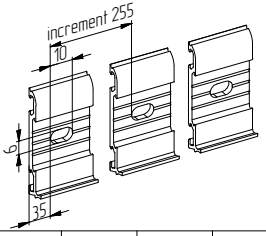
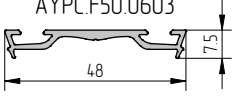
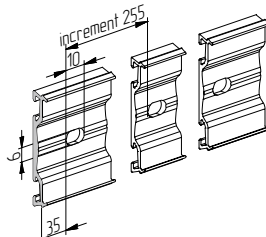
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Cover cap profile AYPC.F50.0511 	00 RAL9016 RAL9006 A00-D6	11254800 11254821 11254831 112548808	0.186	6.8	127.4	-	-	-	-	20	136	26.3 28.4 28.4 26.3
Cover cap profile AYPC.F50.0512 	00 RAL9016 RAL9006 A00-D6	11259900 11259921 11259931 112599808	0.333	6.8	189.1	-	-	-	-	12	816	28.1 30.1 30.1 28.1
Cover cap profile AYPC.F50.0515 	00 RAL9016 RAL9006 A00-D6	11255600 11255621 11255631 112556808	0.442	6.8	206.0	-	-	-	-	8	54.4	24.4 25.7 25.7 24.4
Cover cap profile AYPC.F50.0520 	00 RAL9016 RAL9006 A00-D6	11256100 11256121 11256131 112561808	1.274	6.8	380.8	-	-	-	-	2	13.6	18.2 18.8 18.8 18.2

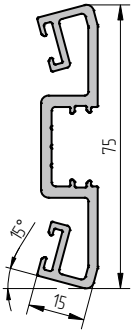
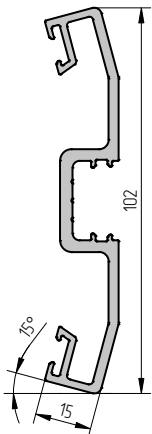
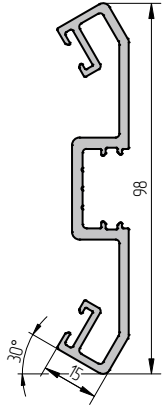
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						J _x	J _y	W _x	W _y	pcs	m	
Cover cap profile AYPC.F50.0521 	00 RAL9016 RAL9006 A00-D6	11256200 11256221 11256231 112562808	0.995	6.8	376.8	-	-	-	-	4	27.2	19.5 20.7 20.7 19.5
Cover cap profile AYPC.F50.0522 	00 RAL9016 RAL9006 A00-D6	11258000 11258021 11258031 112580808	2.742	6.8	547.7	-	-	-	-	2	13.6	38.3 39.2 39.2 38.3

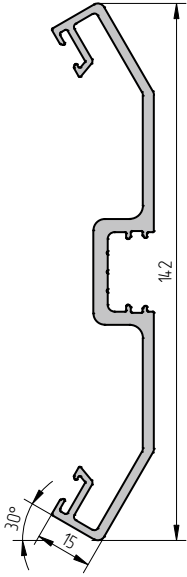
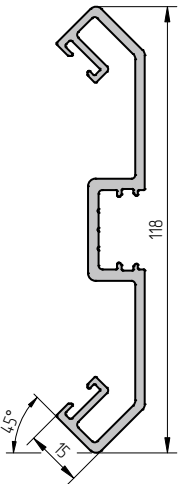
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
Cover cap profile AYPC.F50.0524 	00 RAL9016 RAL9006 A00-D6	11258200	2.708	6.8	559.6	-	-	-	-	2	13.6	37.7								
		11258221											38.6							
		11258231											38.6							
		112582808											37.7							
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F50	F50 TT	F50 HC	SKL50																	
●																				
Cover cap profile AYPC.F50.0527 	00 RAL9016 RAL9006 A00-D6	11266800	1.678	6.8	440.6	-	-	-	-	2	13.6	23.8								
		11266821											24.7							
		11266831											24.7							
		112668808											23.8							
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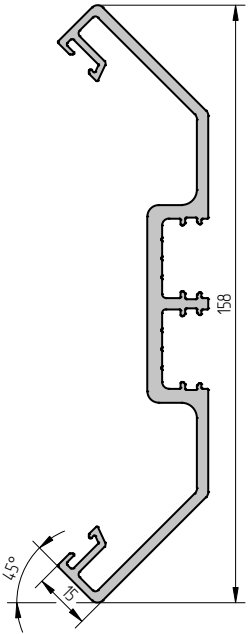
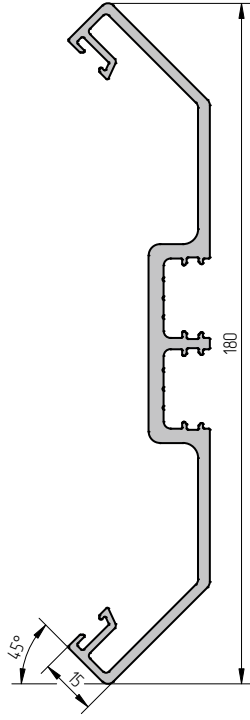
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Cover cap profile AYP.C.F50.0528 	00 RAL9016 RAL9006 A00-D6	11267200 11267221 11267231 112672808	1.709	6.8	405.3	-	-	-	-	2	13.6	24.1 25.0 25.0 24.1
Cover cap profile AYP.C.F50.0533 	00 RAL9016 RAL9006 A00-D6	11268300 11268321 11268331 112683808	3.719	6.8	713.7	-	-	-	-	1	6.8	26.1 27.0 27.0 26.1

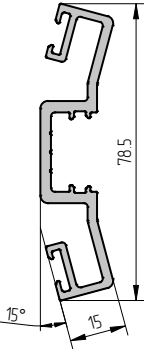
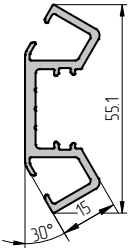
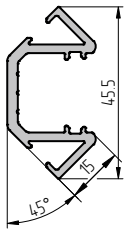
Name, article, drawing				Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
									J _x	J _y	W _x	W _y	pcs	m	
Cover cap profile AYPC.F50.0535 				00 RAL9016 RAL9006 A00-E6	11269200 11269221 11269231 112692808	1.024	6.8	440.5	-	-	-	-	4	27.2	28.7 29.6 29.6 28.7
●															
Cover cap profile AYPC.F50.0541 				00 RAL9016 RAL9006 A00-D6	11291700 11291721 11291731 112917808	0.355	6.8	203.7	-	-	-	-	10	68	24.9 25.4 25.4 24.9
●															
Cover cap profile AYPC.F50.6014 				00 RAL9016 RAL9006 A00-D6	11601400 11601421 11601431 116014808	0.286	6.8	164.3	-	-	-	-	16	108.8	31.6 33.6 33.6 31.6
●															

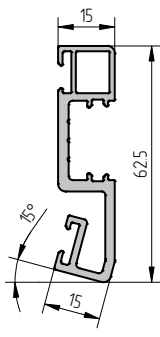
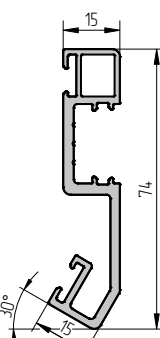
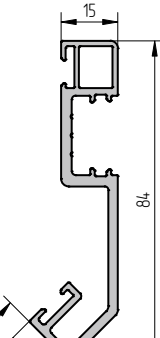
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●		●																		
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F50	F50 TT	F50 HC	SKL50																	
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F50	F50 TT	F50 HC	SKL50																	
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F50	F50 TT	F50 HC	SKL50																	
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F50	F50 TT	F50 HC	SKL50																	
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Clamp bar profile AYPC.F50.0603F 	00	11257100	0.301	6.8	14.4.0	-	-	-	-	10	68	20.9								
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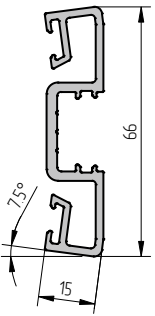
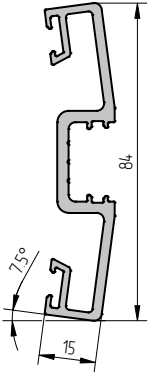
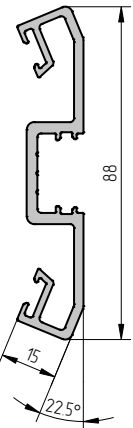
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.F50.0605 	00 RAL9016 RAL9006 A00-D6	11203700 11203721 11203731 112037808	1063	6.8	341.7	-	-	-	-	6	40.8	44.0 45.3 45.3 44.0
Clamp bar profile AYPC.F50.0605-01 	00 RAL9016 RAL9006 A00-D6	11253500 11253521 11253531 112535808	1311	6.8	389.4	-	-	-	-	4	34.0	36.5 37.8 37.8 36.5
Clamp bar profile AYPC.F50.0606 	00 RAL9016 RAL9006 A00-D6	11203800 11203821 11203831 112038808	1237	6.8	393.1	-	-	-	-	4	27.2	34.2 35.2 35.2 34.2

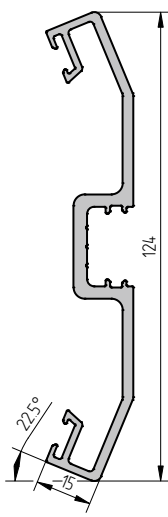
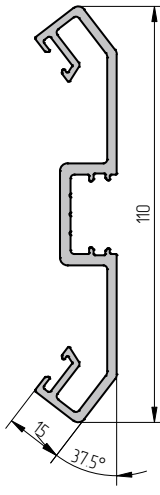
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg																	
						J _x	J _y	W _x	W _y	pcs	m																		
Clamp bar profile AYPC.F50.0606-01 	00 RAL9016 RAL9006 A00-D6	11253600	1.750	6.8	481.1	-	-	-	-	2	13.6	24.5 25.3 25.3 24.5																	
		11253621											11253631	112536808															
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F50	F50 TT	F50 HC											SKL50																
●	●		●																										
Clamp bar profile AYPC.F50.0607 	00 RAL9016 RAL9006 A00-D6	11203900	1.419	6.8	446.6	-	-	-	-	4	27.2	39.2 40.4 40.4 39.2																	
		11203921											11203931	112039808															
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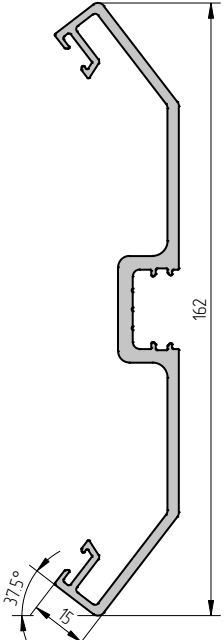
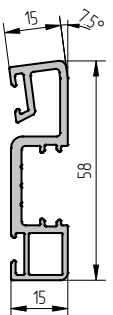
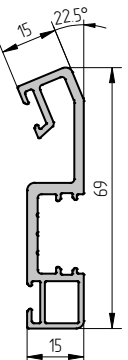
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.F50.0607-01 	00 RAL9016 RAL9006 A00-D6	11253700 11253721 11253731 112537808	2.234	6.8	579.2	-	-	-	-	2	13.6	31.3 32.2 32.2 31.3
Clamp bar profile AYPC.F50.0607-02 	00 RAL9016 RAL9006 A00-D6	11253800 11253821 11253831 112538808	2.429	6.8	618.9	-	-	-	-	2	13.6	33.9 35.0 35.0 33.9

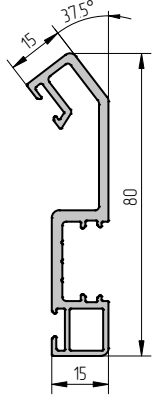
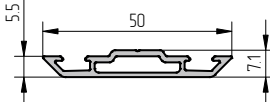
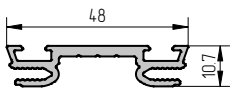
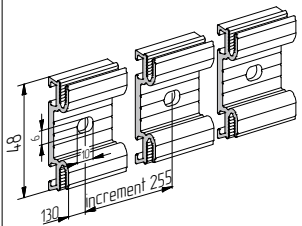
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.F50.0608 	00 RAL9016 RAL9006 A00-D6	11204000 11204021 11204031 112040808	1.044	6.8	335.9	-	-	-	-	5	34.0	36.0 37.1 37.1 36.0
Clamp bar profile AYPC.F50.0609 	00 RAL9016 RAL9006 A00-D6	11204100 11204121 11204131 112041808	0.656	6.8	235.2	-	-	-	-	8	54.4	36.3 37.7 37.7 36.3
Clamp bar profile AYPC.F50.0610 	00 RAL9016 RAL9006 A00-D6	11204200 11204221 11204231 112042808	0.622	6.8	209.9	-	-	-	-	8	54.4	34.5 35.9 35.9 34.5

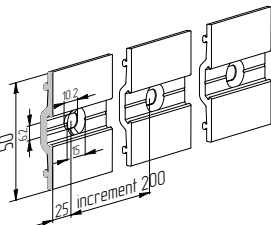
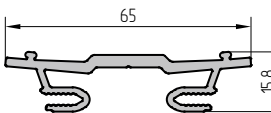
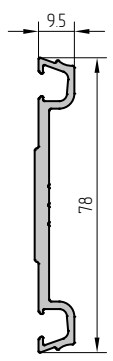
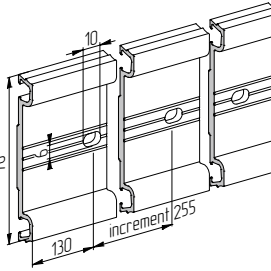
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.F50.0611 	00 RAL9016 RAL9006 A00-D6	11207100	0.845	6.8	268.1	-	-	-	-	8	54.4	46.9
		11207121										49.8
11207131	49.8											
112071808	46.9											
F50	F50 TT	F50 HC	SKL50	●	●	●						
Clamp bar profile AYPC.F50.0612 	00 RAL9016 RAL9006 A00-D6	11207200	0.932	6.8	293.8	-	-	-	-	8	54.4	51.7
		11207221										54.9
11207231	54.9											
112072808	51.7											
F50	F50 TT	F50 HC	SKL50	●	●							
Clamp bar profile AYPC.F50.0613 	00 RAL9016 RAL9006 A00-D6	11207300	1.023	6.8	320.5	-	-	-	-	5	34.0	35.5
		11207321										37.7
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

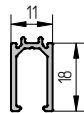
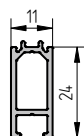
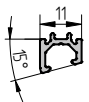
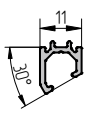
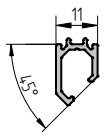
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.F50.0614 	00 RAL9016 RAL9006 A00-D6	11208900 11208921 11208931 112089808	0.894	6.8	318.5	-	-	-	-	5	34.0	31.0 32.3 32.3 31.0
Clamp bar profile AYPC.F50.0614-01 	00 RAL9016 RAL9006 A00-D6	11253900 11253921 11253931 112539808	1.138	6.8	351.2	-	-	-	-	4	27.2	31.7 32.8 32.8 31.7
Clamp bar profile AYPC.F50.0615 	00 RAL9016 RAL9006 A00-D6	11209100 11209121 11209131 112091808	1.141	6.8	364.2	-	-	-	-	5	34.0	39.5 41.0 41.0 39.5

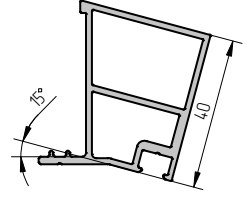
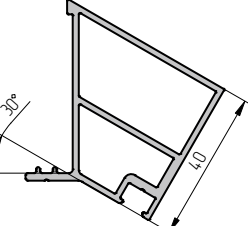
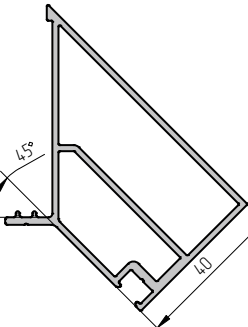
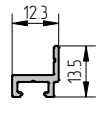
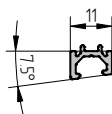
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Clamp bar profile AYPC.F50.0615-01 	00 RAL9016 RAL9006 A00-D6	11254000	1539	6.8	438.0	-	-	-	-	4	27.2	42.8							
		11254021										44.2							
		11254031										44.2							
		112540808										42.8							
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F50	F50 TT	F50 HC	SKL50																
●	●		●																
Clamp bar profile AYPC.F50.0616 	00 RAL9016 RAL9006 A00-D6	11209200	1322	6.8	417.8	-	-	-	-	5	34.0	45.9							
		11209221										47.6							
		11209231										47.6							
		112092808										45.9							
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F50	F50 TT	F50 HC	SKL50																
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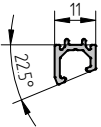
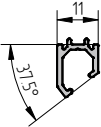
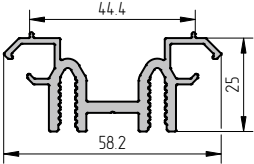
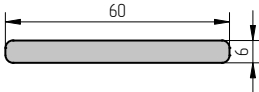
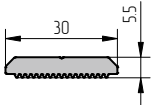
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.F50.0616-01 	00 RAL9016 RAL9006 A00-D6	11254100 11254121 11254131 112541808	2.004	6.8	533.3	-	-	-	-	2	13.6	28.1 28.9 28.9 28.1
Clamp bar profile AYPC.F50.0617 	00 RAL9016 RAL9006 A00-D6	11209300 11209321 11209331 112093808	0.763	6.8	256.5	-	-	-	-	5	34.0	26.5 27.6 27.6 26.5
Clamp bar profile AYPC.F50.0618 	00 RAL9016 RAL9006 A00-D6	11209400 11209421 11209431 112094808	0.886	6.8	279.3	-	-	-	-	5	34.0	30.8 31.9 31.9 30.8

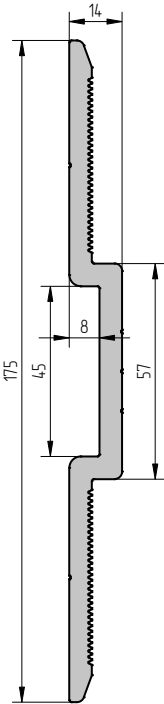
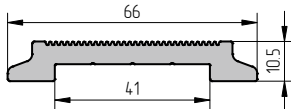
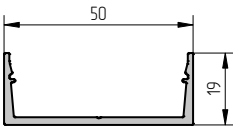
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.F50.0619 	00 RAL9016 RAL9006 A00-D6	11209500 11209521 11209531 112095808	0.977	6.8	306.1	-	-	-	-	5	34.0	33.9 35.1 35.1 33.9
Clamp bar profile AYPC.F50.0620 	00 RAL9016 RAL9006 A00-D6	11209600 11209621 11209631 112096808	0.356	6.8	129.2	-	-	-	-	10	68	24.9 25.9 25.9 24.9
Clamp bar profile AYPC.F50.0621 	00	11251600	0.510	6.8	195.7	-	-	-	-	10	68	34.7
Clamp bar profile AYPC.F50.0621F 	00	11255700	0.509	6.8	195.7	-	-	-	-	10	68.0	34.6

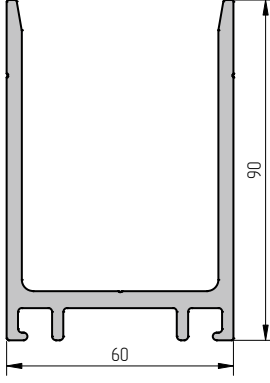
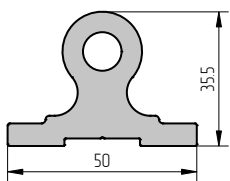
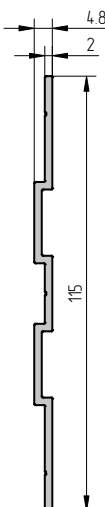
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg				
						J _x	J _y	W _x	W _y	pcs	m					
Clamp bar profile AYPC.F50.0624F 	RAL9016 RAL9006 RAL9005I30 A00-D6	11290221 11290231 112902429 112902808	0.403	6.8	123.0	-	-	-	-	10	68.0	29.1 29.1 29.1 28.7				
													F50	F50 TT	F50 HC	SKL50
													●			
Clamp bar profile AYPC.F50.0626 	00 RAL9016 RAL9006 A00-D6	11257000 11257021 11257031 112570808	0.801	6.8	266.5	-	-	-	-	6	40.8	33.4 33.7 33.7 33.4				
													F50	F50 TT	F50 HC	SKL50
													●			
Clamp bar profile AYPC.F50.0641 	00	11292300	0.745	6.8	219.6	-	-	-	-	6	40.8	31.2				
													F50	F50 TT	F50 HC	SKL50
													●			
Clamp bar profile AYPC.F50.0641F 	00	11601700	0.740	6.8	219.6	-	-	-	-	6	40.8	31.2				
													F50	F50 TT	F50 HC	SKL50
													●			

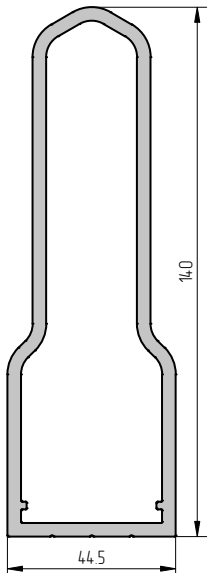
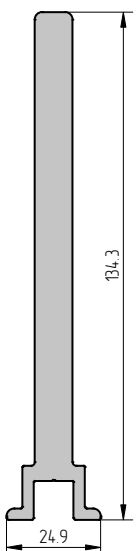
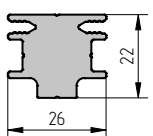
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Auxiliary profile AYPC.F50.0701 	00 RAL9005I30	11204300 112043429	0.095	6.8	52.7	-	-	-	-	60	408	39.3 41.4
F50	F50 TT	F50 HC	SKL50									
●	●	●										
Auxiliary profile AYPC.F50.0702 	00 RAL9005I30	11207400 112074429	0.140	6.8	76.7	-	-	-	-	25	170	24.3 26.9
F50	F50 TT	F50 HC	SKL50									
●	●	●										
Auxiliary profile AYPC.F50.0703 	00 RAL9005I30	11267500 112675429	0.186	6.8	100.7	-	-	-	-	20	136	25.8 27.4
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0704 	00 RAL9005I30	11267800 112678429	0.261	6.8	93.7	-	-	-	-	12	816	25.8 27.4
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0705 	00 RAL9005I30	11204400 112044429	0.107	6.8	59.6	-	-	-	-	60	408	44.2 47.5
F50	F50 TT	F50 HC	SKL50									
●	●	●										
Auxiliary profile AYPC.F50.0706 	00 RAL9005I30	11204500 112045429	0.125	6.8	68.7	-	-	-	-	50	340	43.0 46.0
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0707 	00 RAL9005I30	11204600 112046429	0.148	6.8	81.4	-	-	-	-	40	272	40.8 43.5
F50	F50 TT	F50 HC	SKL50									
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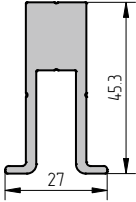
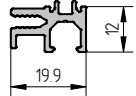
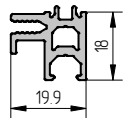
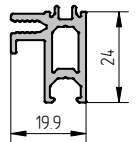
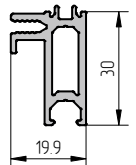
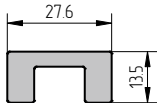
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Auxiliary profile AYPC.F50.0708 	00 RAL9016 RAL9006 A00-D6	111204700 111204721 111204731 1112047808	0.850	6.8	187.2	-	-	-	-	4	27.2	23.7 24.8 24.8 23.7
F50	F50 TT	F50 HC	SKL50									
●	●	●										
Auxiliary profile AYPC.F50.0709 	00 RAL9016 RAL9006 A00-D6	111204800 111204821 111204831 1112048808	0.944	6.8	203.9	-	-	-	-	4	27.2	26.4 27.5 27.5 26.4
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0710 	00 RAL9016 RAL9006 A00-D6	111204900 111204921 111204931 1112049808	1.206	6.8	250.7	-	-	-	-	4	27.2	33.6 34.8 34.8 33.6
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0711 	00 RAL9005I30	11207500 112075429	0.122	6.8	61.6	-	-	-	-	20	136	17.1 18.8
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0712 	00 RAL9005I30	11209700 112097429	0.100	6.8	55.9	-	-	-	-	12	81.6	8.5 9.1
F50	F50 TT	F50 HC	SKL50									
●	●	●										

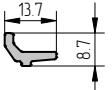
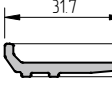
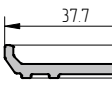
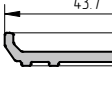
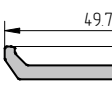
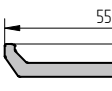
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Auxiliary profile AYPC.F50.0713 	00 RAL9005I30	11209800 112098429	0.115	6.8	63.9	-	-	-	-	10	68	8.2 8.7
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0714 	00 RAL9005I30	11209900 112099429	0.135	6.8	74.4	-	-	-	-	10	68	9.5 10.1
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0715 	00 RAL9005I30	11254200 112542429	0.935	6.8	318.0	-	-	-	-	2		13.1 13.6
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0721 	00 RAL9016 RAL9006 A00-D6	11209000 11209021 11209031 112090808	0.963	6.8	128.6	-	-	-	-	4	27.2	26.8 27.6 27.6 26.8
F50	F50 TT	F50 HC	SKL50									
●	●											
Auxiliary profile AYPC.F50.0722 	00	11250500	0.381	3.4	85.2	-	-	-	-	10	34	13.1
F50	F50 TT	F50 HC	SKL50									
●	●	●										

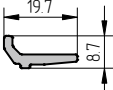

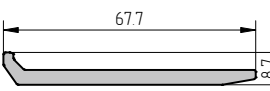
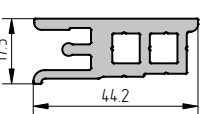
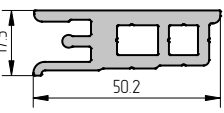
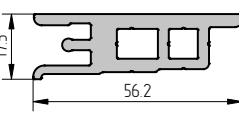
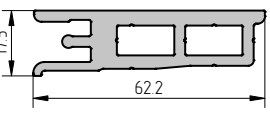
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
Auxiliary profile AYPC.F50.0724 	00	11250700	1.100	3.4	190.8	-	-	-	-	5	17	18.7								
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
Auxiliary profile AYPC.F50.0725 	00 RAL9016 RAL9006 A00-D6	11254900 11254921 11254931 112549808	0.450	6.8	173.5	-	-	-	-	10	68	31.2 32.6 32.6 31.2								
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F50	F50 TT	F50 HC	SKL50																	
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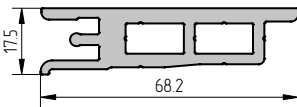
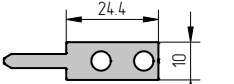
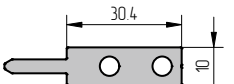
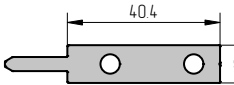
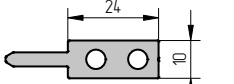
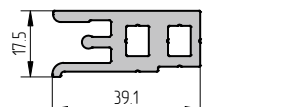
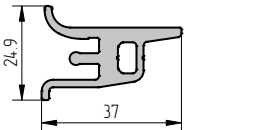
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
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F50	F50 TT	F50 HC	SKL50									
●			●									
Auxiliary profile AYPC.F50.0727 	00	11265700	1.836	3.0	167.7	-	-	-	-	6	18	33.1
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0729 	00	11266900	0.680	6.8	254.4	-	-	-	-	6	40.8	37.7
F50	F50 TT	F50 HC	SKL50									
●		●										

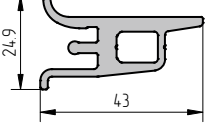
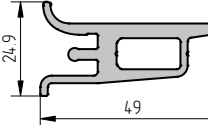
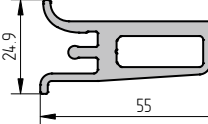
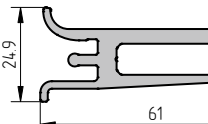
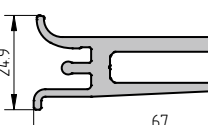
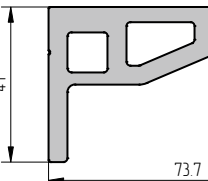
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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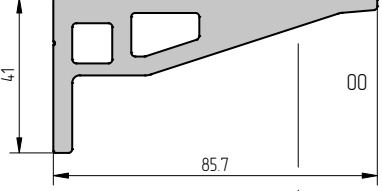
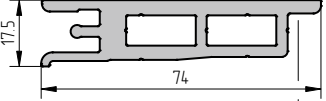
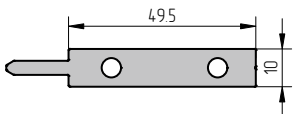
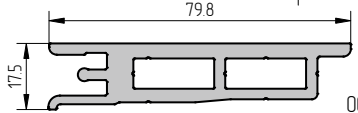
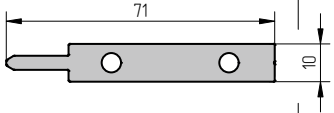

Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Auxiliary profile AYPC.F50.0734 	00	11259000	1.238	3.0	195.2	-	-	-	-	6	18	23.4
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0735 	00 RAL9016 RAL9006 A00-D6	11293400 11293421 11293431 112934808	0.287	6.8	118.2	-	-	-	-	12	816	23.9 24.4 24.4 23.9
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0736 	00 RAL9016 RAL9006 A00-D6	11293500 11293521 11293531 112935808	0.405	6.8	127.0	-	-	-	-	10	68	28.1 28.5 28.5 28.1
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0737 	00 RAL9016 RAL9006 A00-D6	11293600 11293621 11293631 112936808	0.470	6.8	139.0	-	-	-	-	10	68	32.5 32.9 32.9 32.5
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0738 	00 RAL9016 RAL9006 A00-D6	11238300 11238321 11238331 112383808	0.535	6.8	151.0	-	-	-	-	8	54.4	29.7 30.2 30.2 29.7
F50	F50 TT	F50 HC	SKL50									
●												
Auxiliary profile AYPC.F50.0739 	00 A05-E6	11293700 112937856	0.662	6.8	99.5	-	-	-	-	6	54.4	27.3 27.6
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●												

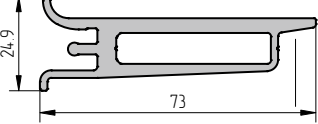
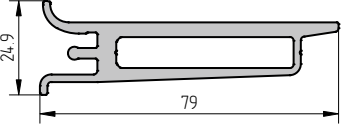
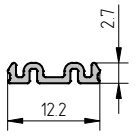
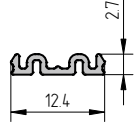
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
●	●		●																	
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F50	F50 TT	F50 HC	SKL50																	
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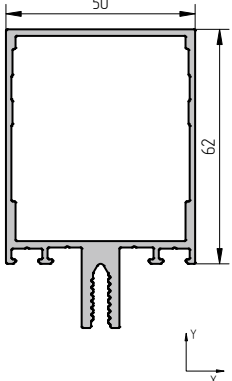
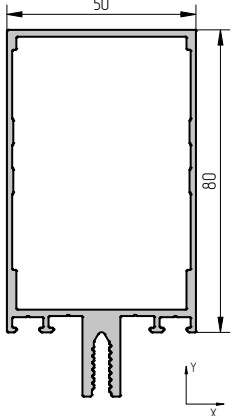
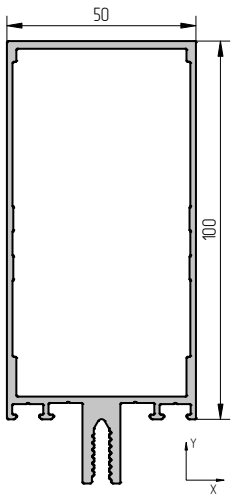
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●	●	●																		
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F50	F50 TT	F50 HC	SKL50																	
●	●		●																	
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
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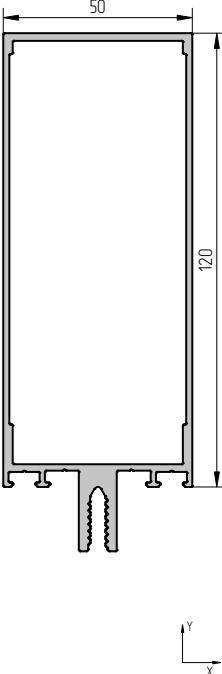
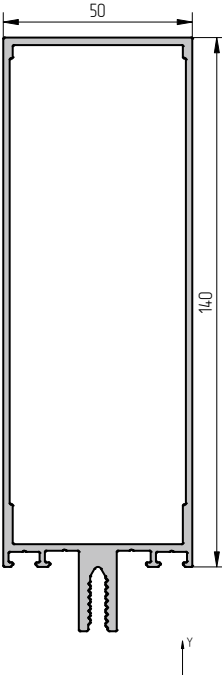
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
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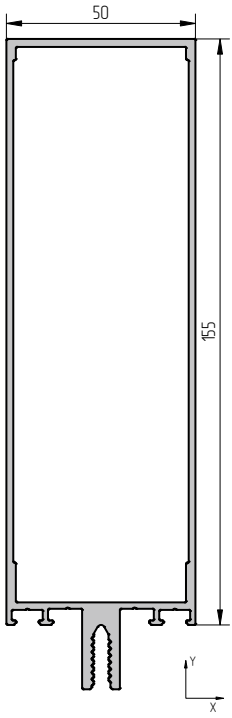
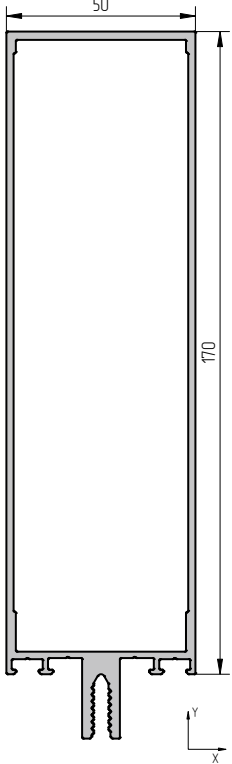
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
Glass support profile AYPC.F50.0834 	00	11263100	1.049	6.8	189.6	-	-	-	-	4	27.2	28.6								
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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F50	F50 TT	F50 HC	SKL50																	
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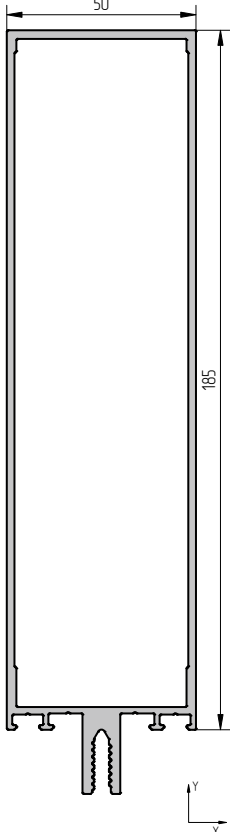
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
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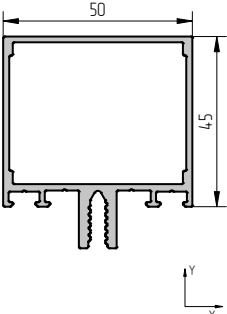
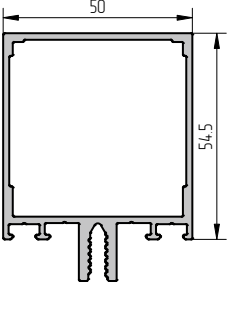
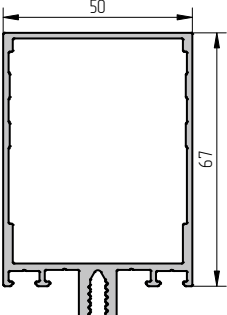
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●																				
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F50	F50 TT	F50 HC	SKL50																	
●																				
Glass support profile AYPC.F50.1521-01 	RAL9016 RAL9006 RAL9005I30	11257621 11257631 112576429	0.048	6.8	17.79	-	-	-	-	30	204	10.5								
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F50	F50 TT	F50 HC	SKL50																	
●																				
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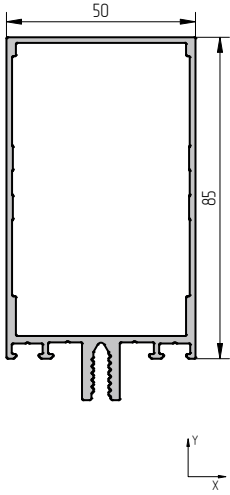
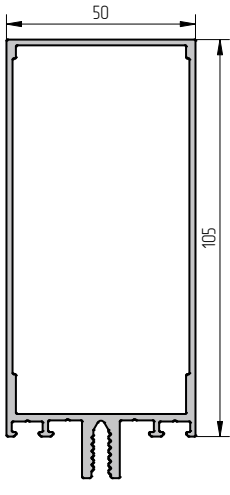
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.3102 	00 RAL9016 RAL9006 A00-D6	11270100 11270121 11270131 112701808	1.457	6.8	336.9	35.24	16.15	8.52	6.46	2	13.6	20.5 21.1 21.1 20.5
Mullion profile AYPC.F50.3103 	00 RAL9016 RAL9006 A00-D6	11270200 11270221 11270231 112702808	1.605	6.8	372.9	62.06	19.20	11.93	7.68	2	13.6	22.6 23.3 23.3 22.6
Mullion profile AYPC.F50.3104 	00 RAL9016 RAL9006 A00-D6	11270300 11270321 11270331 112703808	1.816	6.8	412.9	106.81	23.39	17.08	9.36	2	13.6	22.6 23.3 23.3 22.6

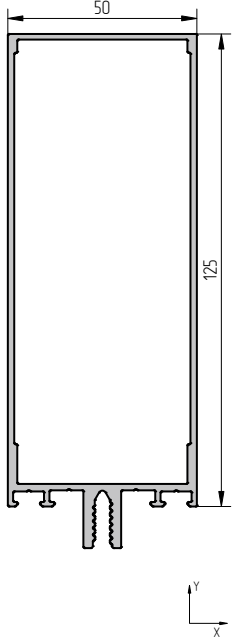
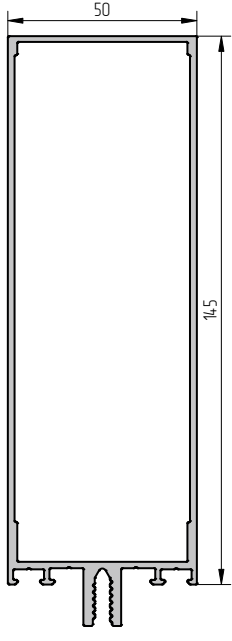
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.3105 	00 RAL9016 RAL9006 A00-D6	11270400 11270421 11270431 112704808	2.018	6.8	452.9	164.13	27.72	22.38	11.09	2	13.6	28.4 29.1 29.1 28.4
Mullion profile AYPC.F50.3106 	00 RAL9016 RAL9006 A00-D6	11270500 11270521 11270531 112705808	2.254	6.8	492.9	238.64	32.76	28.49	13.10	2	13.6	31.7 32.6 32.6 31.7

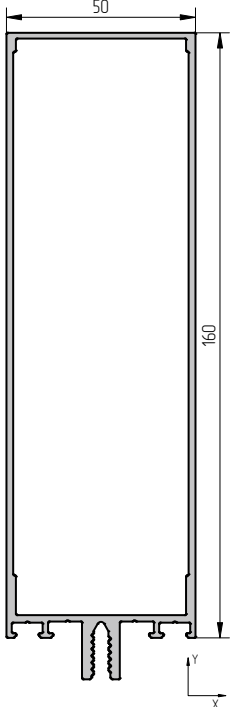
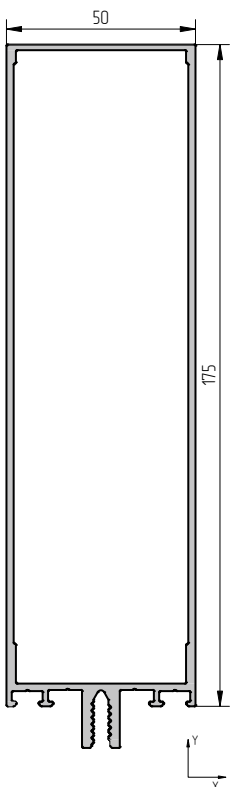
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									J _x	J _y	W _x	W _y	pcs	m	
<p>Mullion profile AYPC.F50.3107</p> 				00 RAL9016 RAL9006 A00-D6	11272600 11272621 11272631 112726808	2.476	6.8	522.9	312.26	37.26	34.39	14.90	2	13.6	34.7 35.6 35.6 34.7
<p>Mullion profile AYPC.F50.3108</p> 				00 RAL9016 RAL9006 A00-D6	11272700 11272721 11272731 112727808	2.714	6.8	552.9	400.20	42.06	40.95	16.82	1	6.8	19.1 20.0 20.0 19.1

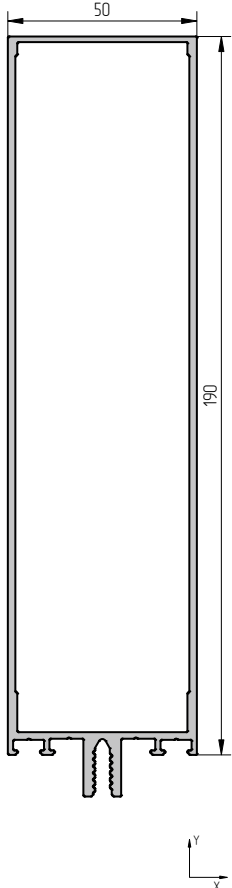
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						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.F50.3109 	00 RAL9016 RAL9006 A00-D6	11272800 11272821 11272831 112728808	2.969	6.8	582.9	504.16	47.17	48.19	18.87	1	6.8	20.9 218 218 20.9
	●											

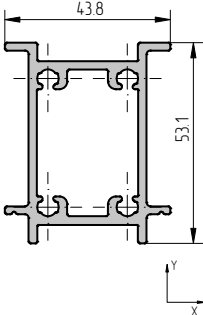
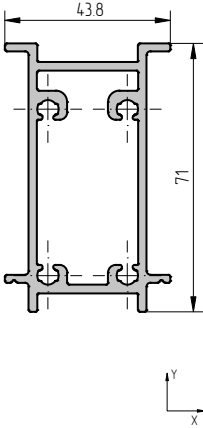
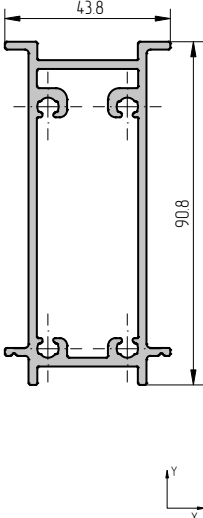
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						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.3203 	00 RAL9016 RAL9006 A00-D6	11272900 11272921 11272931 112729808	1.131	6.8	286.4	13.89	12.52	4.85	5.01	4	27.2	316 33.2 33.2 316
Transom profile AYPC.F50.3204 	00 RAL9016 RAL9006 A00-D6	11273300 11273021 11273031 112730808	1.274	6.8	305.4	22.84	15.13	6.83	6.05	4	27.2	36.0 37.0 37.0 36.0
Transom profile AYPC.F50.3205 	00 RAL9016 RAL9006 A00-D6	11270600 11270621 11270631 112706808	1.328	6.8	330.4	34.09	16.73	8.11	6.69	2	13.6	19.0 19.5 19.5 19.0

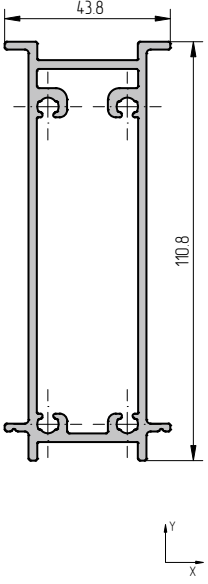
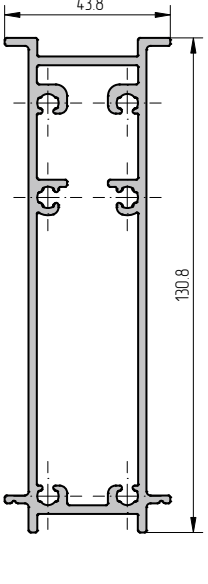
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.3206 	00 RAL9016 RAL9006 A00-D6	11270700 11270721 11270731 112707808	1.491	6.8	366.4	59.23	20.27	11.31	8.11	2	13.6	211 217 217 211
Transom profile AYPC.F50.3207 	00 RAL9016 RAL9006 A00-D6	11270800 11270821 11270831 112708808	1.684	6.8	406.4	98.62	24.44	15.58	9.78	2	13.6	23.8 24.5 24.5 23.8

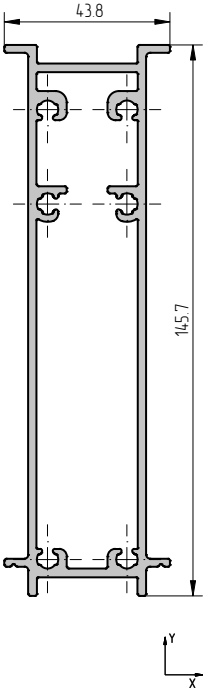
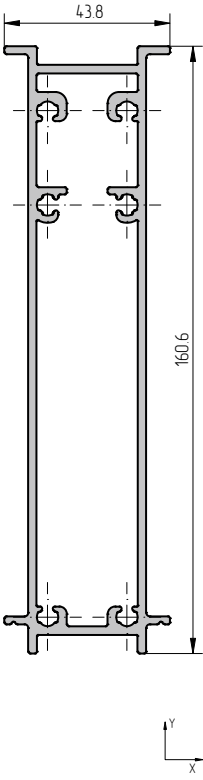
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Transom profile AYPC.F50.3208 	00	11270900	1.913	6.8	446.4	152.20	29.31	20.64	11.72	2	13.6	27.1							
		RAL9016										11270921	27.8						
		RAL9006										11270931	27.8						
		A00-D6										112709808	27.1						
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F50	F50 TT	F50 HC	SKL50																
	●																		
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		RAL9006										11271031	31.3						
		A00-D6										112710808	30.5						
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F50	F50 TT	F50 HC	SKL50																
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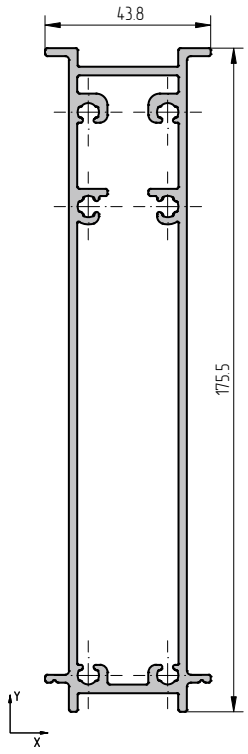
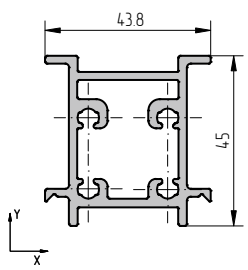
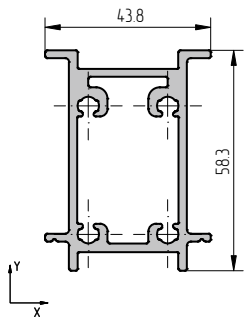
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.F50.3210 	00 RAL9016 RAL9006 A00-D6	11273400	2.309	6.8	516.4	283.5	37.75	30.87	15.10	2	13.6	32.4
		11273121										33.4
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		112731808										32.4
F50	F50 TT	F50 HC	SKL50									
	●											
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F50	F50 TT	F50 HC	SKL50									
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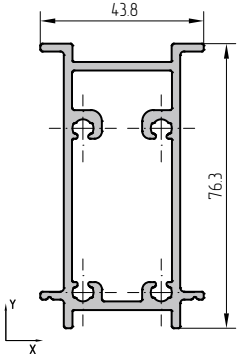
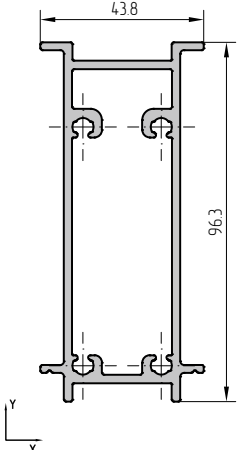
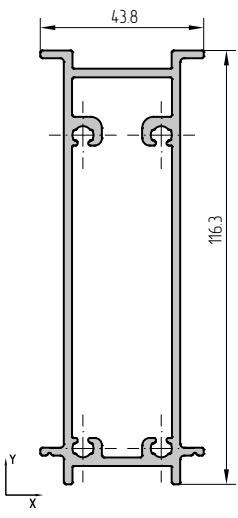
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg	
						J _x	J _y	W _x	W _y	pcs	m		
Transom profile AYPC.F50.3212 		00 RAL9016 RAL9006 A00-D6	2.782	6.8	576.4	453.3	47.63	42.63	19.05	1	6.8	19.5 20.2 20.2 19.5	
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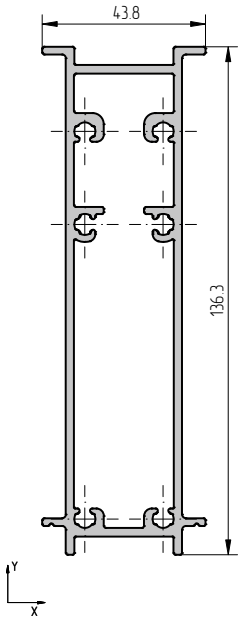
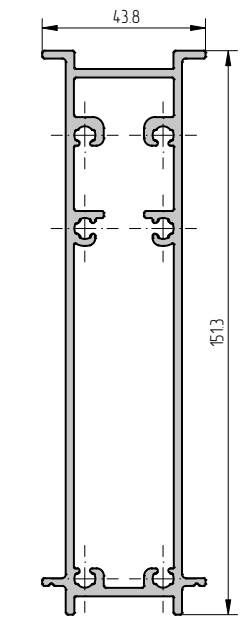
						J _x	J _y	W _x	W _y						
				00	11271100	1304	6.8	233.5	15.36	8.07	5.71	3.68	2	13.6	18.5
F50	F50 TT	F50 HC	SKL50												
	●														
				00	11271200	1622	6.8	269.3	34.34	10.11	9.35	4.62	2	13.6	22.8
F50	F50 TT	F50 HC	SKL50												
	●														
				00	11271300	1857	6.8	308.9	66.77	11.94	14.2	5.45	2	13.6	26.1
F50	F50 TT	F50 HC	SKL50												
	●														

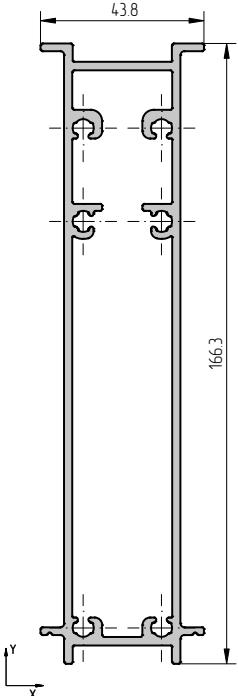
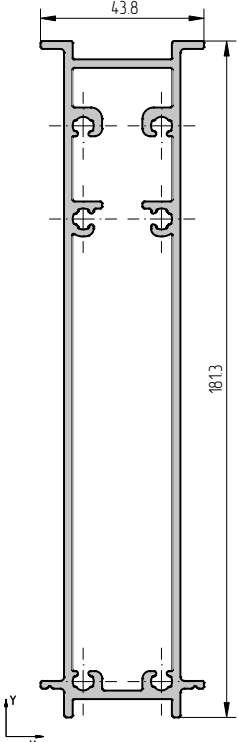
						J _x	J _y	W _x	W _y						
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F50	F50 TT	F50 HC	SKL50												
	●														
				00	11271500	2.509	6.8	388.9	177.98	16.35	25.76	7.47	2	13.6	35.1
F50	F50 TT	F50 HC	SKL50												
	●														

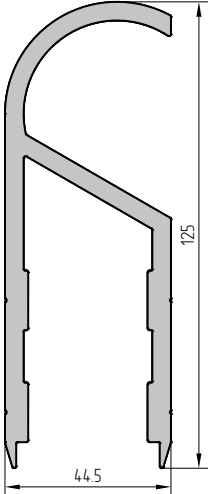
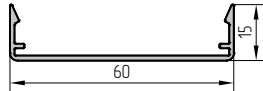
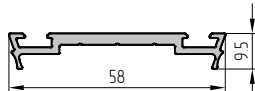
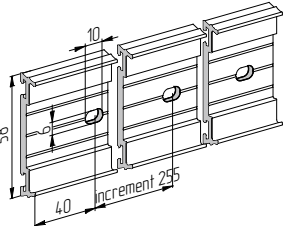
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Reinforcing profile AYPC.F50.3307 	00	11273700	2.686	6.8	418.7	237.62	17.73	30.83	8.10	1	6.8	19.1							
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F50	F50 TT	F50 HC	SKL50																
	●																		
Reinforcing profile AYPC.F50.3308 	00	11273800	2.863	6.8	448.5	308.28	19.11	36.27	8.73	1	6.8	20.4							
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F50	F50 TT	F50 HC	SKL50																
	●																		

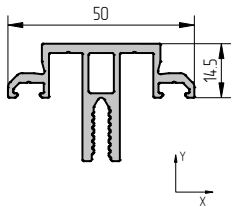
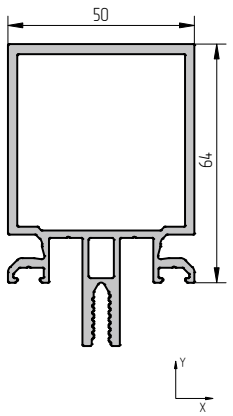
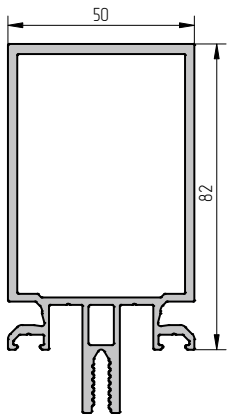
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg							
						J _x	J _y	W _x	W _y	pcs	m								
Reinforcing profile AYPC.F50.3309 	00	11273900	3.040	6.8	478.3	390.72	20.49	42.07	9.36	1	6.8	215							
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F50	F50 TT	F50 HC	SKL50																
	●																		
Reinforcing profile AYPC.F50.3324 	00	11274000	1.305	6.8	220.1	9.60	7.78	4.18	3.55	2	13.6	18.7							
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F50	F50 TT	F50 HC	SKL50																
	●																		
Reinforcing profile AYPC.F50.3325 	00	11274100	1.501	6.8	243.9	20.82	9.13	6.77	4.17	2	13.6	214							
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F50	F50 TT	F50 HC	SKL50																
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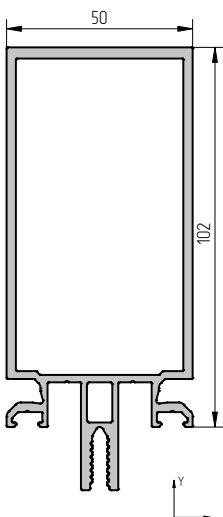
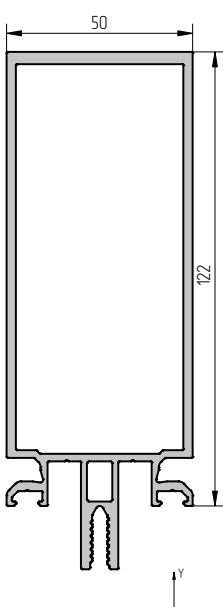
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
Reinforcing profile AYPC.F50.3326 	00	11274200	1685	6.8	279.9	40.31	10.60	10.38	4.84	2	13.6	23.9								
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F50	F50 TT	F50 HC	SKL50																	
	●																			
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F50	F50 TT	F50 HC	SKL50																	
	●																			
Reinforcing profile AYPC.F50.3328 	00	11274400	2.160	6.8	359.9	125.45	14.31	21.04	6.53	2	13.6	30.3								
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F50	F50 TT	F50 HC	SKL50																	
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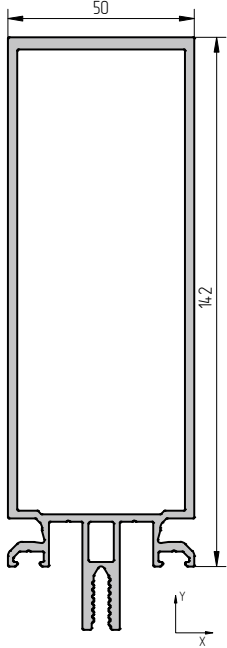
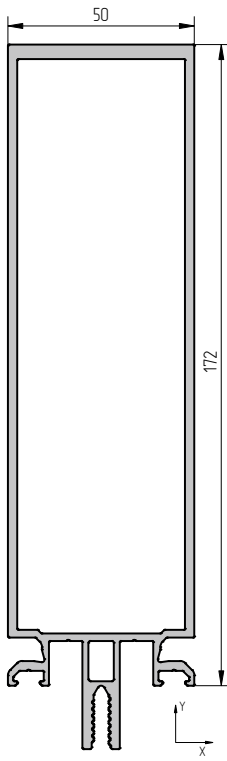
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Reinforcing profile AYPC.F50.3329 	00	11274500	2.574	6.8	399.9	193.50	16.86	27.16	7.70	2	13.6	36.0
F50	F50 TT	F50 HC	SKL50									
	●											
Reinforcing profile AYPC.F50.3330 	00	11274600	2.753	6.8	429.9	256.39	18.25	32.34	8.33	1	6.8	19.7
F50	F50 TT	F50 HC	SKL50									
	●											

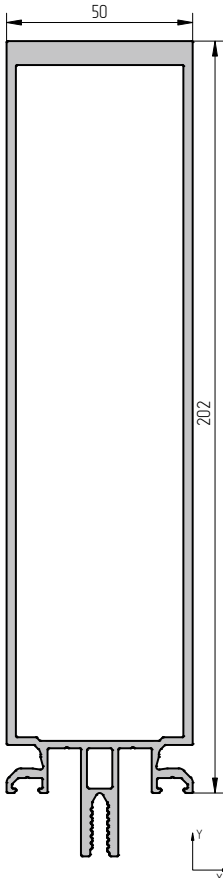
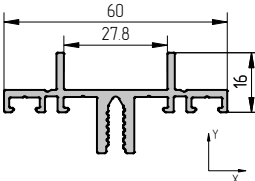
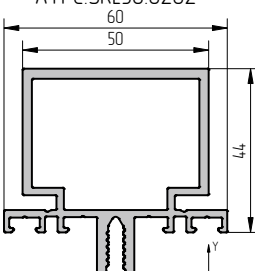
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
Reinforcing profile AYPC.F50.3331 	00	11274700	2.931	6.8	459.9	330.69	19.64	37.89	8.97	1	6.8	20.9								
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F50	F50 TT	F50 HC	SKL50																	
	●																			
Reinforcing profile AYPC.F50.3332 	00	11274800	3.109	6.8	489.9	417.16	21.03	43.81	9.60	1	6.8	22.1								
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F50	F50 TT	F50 HC	SKL50																	
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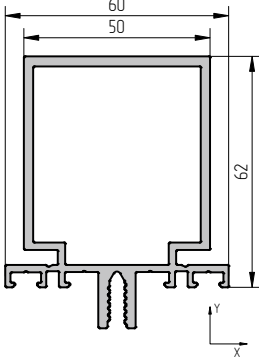
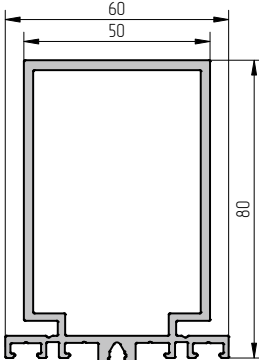
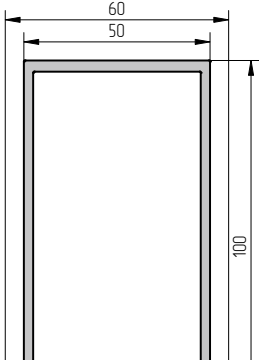
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Junction profile AYPC.F50.6005 	00	11600500	3.634	3.4	535.4	168.94	39.15	26.60	15.70	2	6.8	25.3
F50	F50 TT	F50 HC	SKL50									
●			●									
Cover cap profile AYPC.F50.6008 	00 RAL9016 RAL9006 A00-D6	11600800 11600821 11600831 116008808	0.321	6.8	185.1	-	-	-	-	10	68	22.6 24.6 24.6 22.6
F50	F50 TT	F50 HC	SKL50									
●	●											
Clamp bar profile AYPC.F50.6009 	00	11600900	0.489	6.8	170.8	-	-	-	-	10	68	34.0
F50	F50 TT	F50 HC	SKL50									
●	●											
Clamp bar profile AYPC.F50.6009F 	00	11601800	0.480	6.8	170.8	-	-	-	-	10	68	34.0
F50	F50 TT	F50 HC	SKL50									
●	●											

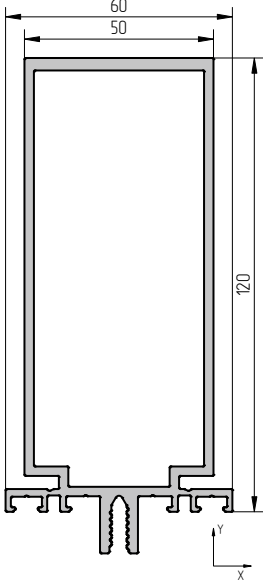
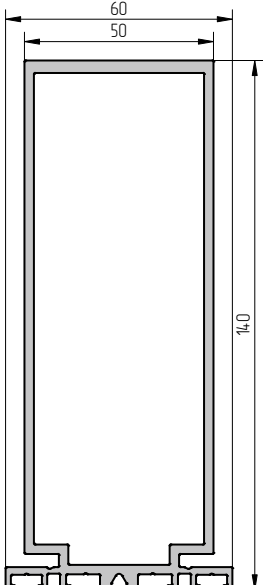
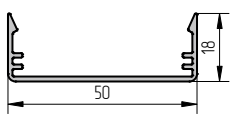
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.SK150.0101 	00 RAL9016 RAL9006 A00-D6	11605100 11605121 11605131 116051806	0.868	6.8	264.6	2.51	4.15	1.26	1.66	4	27.2	24.0 24.9 24.9 24.0
Mullion profile AYPC.SK150.0102 	00 RAL9016 RAL9006 A00-D6	11605900 11605921 11605931 116059806	1.927	6.8	397.5	45.56	21.58	10.57	8.63	2	13.6	26.8 27.4 27.4 26.8
Mullion profile AYPC.SK150.0103 	00 RAL9016 RAL9006 A00-D6	11606000 11606021 11606031 116060806	2.171	6.8	433.5	80.37	26.66	15.72	10.66	2	13.6	30.3 31.0 31.0 30.3

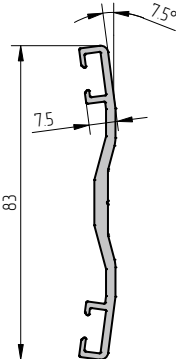
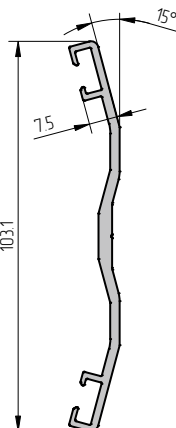
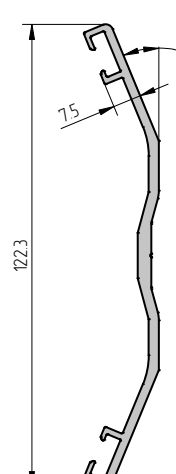
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.SKL50.0104 	00 RAL9016 RAL9006 A00-D6	11605200 11605221 11605231 116052806	2.479	6.8	473.4	138.34	32.53	22.7	13.01	2	13.6	34.6 35.4 35.4 34.6
Mullion profile AYPC.SKL50.0105 	00 RAL9016 RAL9006 A00-D6	11606100 11606121 11606131 116061806	2.786	6.8	513.5	217.52	38.41	30.47	15.36	2	13.6	38.8 39.7 39.7 38.8

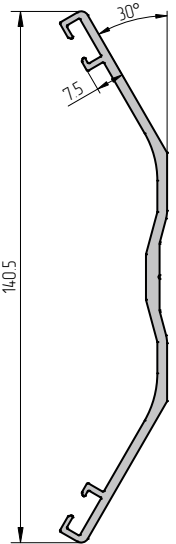
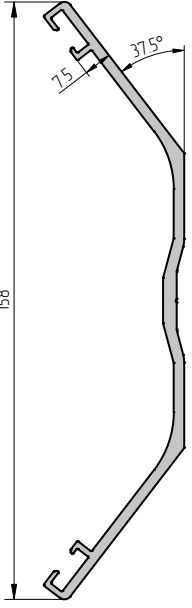
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Mullion profile AYPC.SK150.0106 	00 RAL9016 RAL9006 A00-D6	11606200 11606221 11606231 116062806	3.057	6.8	553.5	313.2	44.05	38.76	17.62	2	13.6	42.6 43.5 43.5 42.6
Mullion profile AYPC.SK150.0107 	00 RAL9016 RAL9006 A00-D6	11606300 11606321 11606331 116063806	3.536	6.8	613.5	521.07	52.98	53.67	21.19	2	13.6	49.3 50.3 50.3 49.3

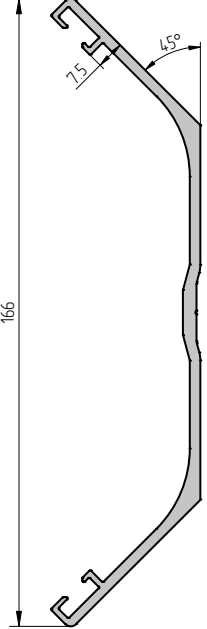
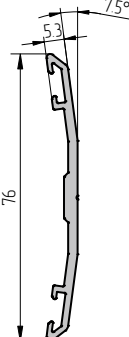
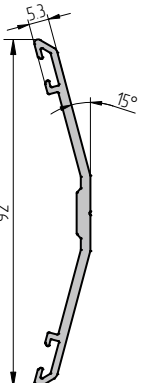
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
<p>Mullion profile AYPC.SK150.0108</p> 	00 RAL9016 RAL9006 A00-D6	11606400 11606421 11606431 116064806	4.247	6.8	673.5	881.84	63.34	74.1	25.34	1	6.8	28.3 28.8 28.8 28.3
<p>Transom profile AYPC.SK150.0201</p> 	00 RAL9016 RAL9006 A00-D6	11605300 11605321 11605331 116053806	0.771	6.8	283.4	0.85	6.47	0.61	2.16	6	40.8	32.0 33.3 33.3 32.0
<p>Transom profile AYPC.SK150.0202</p> 	00 RAL9016 RAL9006 A00-D6	11606500 11606521 11606531 116065806	1.590	6.8	355.8	17.88	18.74	6.13	6.25	2	13.6	22.2 22.8 22.8 22.2

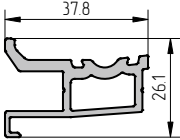
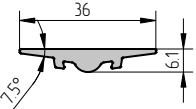
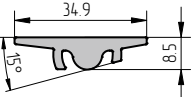
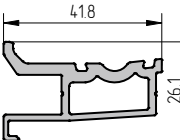
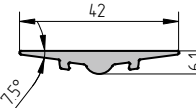
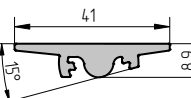
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.SK150.0203 	00 RAL9016 RAL9006 A00-D6	11605400 11605421 11605431 116054806	1837	6.8	393.0	39.50	23.83	10.67	7.94	2	13.6	25.7 26.3 26.3 25.7
Transom profile AYPC.SK150.0204 	00 RAL9016 RAL9006 A00-D6	11606600 11606621 11606631 116066806	2.078	6.8	427.8	71.96	28.91	15.93	9.64	2	13.6	29.1 29.8 29.8 29.1
Transom profile AYPC.SK150.0205 	00 RAL9016 RAL9006 A00-D6	11606700 11606721 11606731 116067806	2.439	6.8	467.8	128.99	35.15	23.7	11.72	2	13.6	34.0 34.8 34.8 34.0

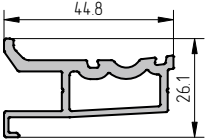
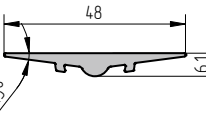
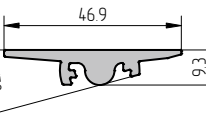
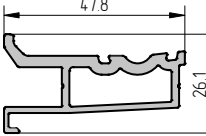
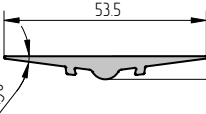
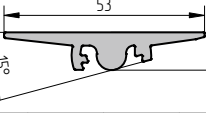
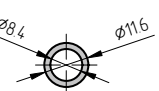
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Transom profile AYPC.SK150.0206 	00 RAL9016 RAL9006 A00-D6	11606800 11606821 11606831 116068806	2.777	6.8	507.8	204.82	4125	3194	13.75	2	13.6	38.7 39.5 39.5 38.7
Transom profile AYPC.SK150.0207 	00 RAL9016 RAL9006 A00-D6	11606900 11606921 11606931 116069806	3.048	6.8	547.8	30182	46.90	4100	15.63	2	13.6	42.5 43.4 43.4 42.5
Cover cap profile AYPC.SK150.0521 	00 RAL9016 RAL9006 A00-D6	11609200 11609221 11609231 116092808	0.323	6.8	186.4	-	-	-	-	12	816	27.3 29.3 29.3 27.3

Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.SK150.0601 	00 RAL9016 RAL9006 A00-D6	11605500 11605521 11605531 116055806	0.714	6.8	232.3	-	-	-	-	8	54.4	44.0 45.3 45.3 44.0
Clamp bar profile AYPC.SK150.0602 	00 RAL9016 RAL9006 A00-D6	11607000 11607021 11607031 116070806	0.860	6.8	275.3	-	-	-	-	8	54.4	47.8 49.6 49.6 47.8
Clamp bar profile AYPC.SK150.0603 	00 RAL9016 RAL9006 A00-D6	11607100 11607121 11607131 116071806	1.052	6.8	319.2	-	-	-	-	4	27.2	29.4 30.4 30.4 29.4

Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.SKL50.0604 	00 RAL9016 RAL9006 A00-D6	11607200 11607221 11607231 116072806	1240	6.8	368.0	-	-	-	-	4	27.2	34.6 35.8 35.8 34.6
Clamp bar profile AYPC.SKL50.0605 	00 RAL9016 RAL9006 A00-D6	11607300 11607321 11607331 116073806	1536	6.8	419.4	-	-	-	-	4	27.2	42.8 44.2 44.2 42.8

Name, article, drawing				Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
									J _x	J _y	W _x	W _y	pcs	m	
Clamp bar profile AYPC.SKLS0.0606 				00 RAL9016 RAL9006 A00-D6	11607400 11607421 11607431 116074806	1706	6.8	447.0	-	-	-	-	2	13.6	24.0 24.7 24.7 24.0
Clamp bar profile AYPC.SKLS0.0607 				00 RAL9016 RAL9006 A00-D6	11605600 11605621 11605631 116056806	0.573	6.8	193.4	-	-	-	-	8	54.4	32.0 33.2 37.1 32.0
Clamp bar profile AYPC.SKLS0.0608 				00 RAL9016 RAL9006 A00-D6	11607500 11607521 11607531 116075806	0.702	6.8	231.6	-	-	-	-	8	54.4	39.1 40.6 40.6 39.1

Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Glass support profile AYPC.SK150.0807 	00	11607600	0.645	6.8	165.7	-	-	-	-	6	40.8	26.4
F50	F50 TT	F50 HC	SKL50	●								
Glass support profile AYPC.SK150.0808 	00	11607700	0.311	6.8	84.2	-	-	-	-	12	81.6	25.4
F50	F50 TT	F50 HC	SKL50	●								
Glass support profile AYPC.SK150.0809 	00	11607800	0.422	6.8	94.8	-	-	-	-	12	81.6	34.5
F50	F50 TT	F50 HC	SKL50	●								
Glass support profile AYPC.SK150.0810 	00	11607900	0.703	6.8	173.3	-	-	-	-	6	40.8	28.8
F50	F50 TT	F50 HC	SKL50	●								
Glass support profile AYPC.SK150.0811 	00	11608000	0.342	6.8	95.3	-	-	-	-	12	81.6	28.0
F50	F50 TT	F50 HC	SKL50	●								
Glass support profile AYPC.SK150.0812 	00	11608100	0.498	6.8	111.1	-	-	-	-	12	81.6	40.7
F50	F50 TT	F50 HC	SKL50	●								

Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Glass support profile AYPC.SK150.0813 	00	11608200	0.739	6.8	179.2	-	-	-	-	6	40.8	30.2
F50	F50 TT	F50 HC	SKL50									
			●									
Glass support profile AYPC.SK150.0814 	00	11608300	0.376	6.8	106.6	-	-	-	-	12	81.6	30.7
F50	F50 TT	F50 HC	SKL50									
			●									
Glass support profile AYPC.SK150.0815 	00	11608400	0.549	6.8	124.9	-	-	-	-	12	81.6	27.1
F50	F50 TT	F50 HC	SKL50									
			●									
Glass support profile AYPC.SK150.0816 	00	11605700	0.776	6.8	185.2	-	-	-	-	6	40.8	30.5
F50	F50 TT	F50 HC	SKL50									
			●									
Glass support profile AYPC.SK150.0817 	00	11605800	0.395	6.8	117.0	-	-	-	-	12	81.6	29.4
F50	F50 TT	F50 HC	SKL50									
			●									
Glass support profile AYPC.SK150.0818 	00	11608500	0.625	6.8	140.1	-	-	-	-	12	81.6	51.1
F50	F50 TT	F50 HC	SKL50									
			●									
Junction profile AYPC.SP50.04.04 	00	19062200	0.136	3.3	36.4	-	-	-	-	36	118.8	16.2
F50	F50 TT	F50 HC	SKL50									
●	●		●									

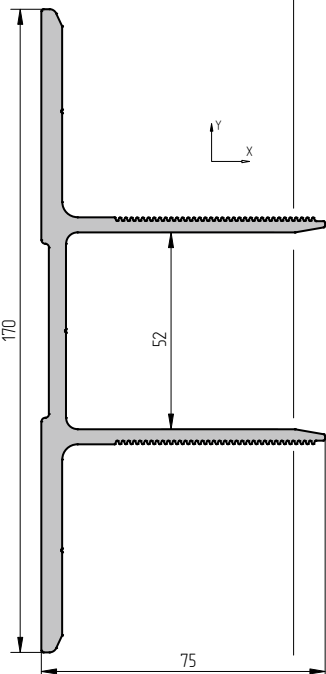
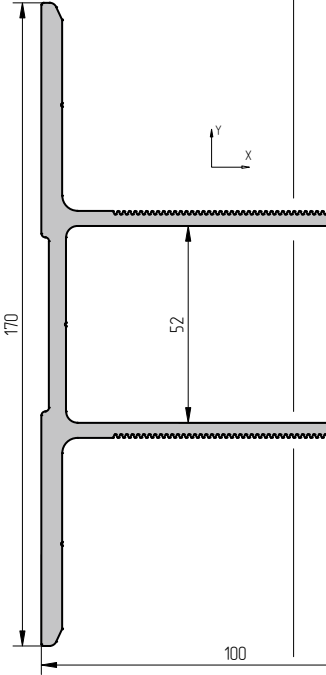
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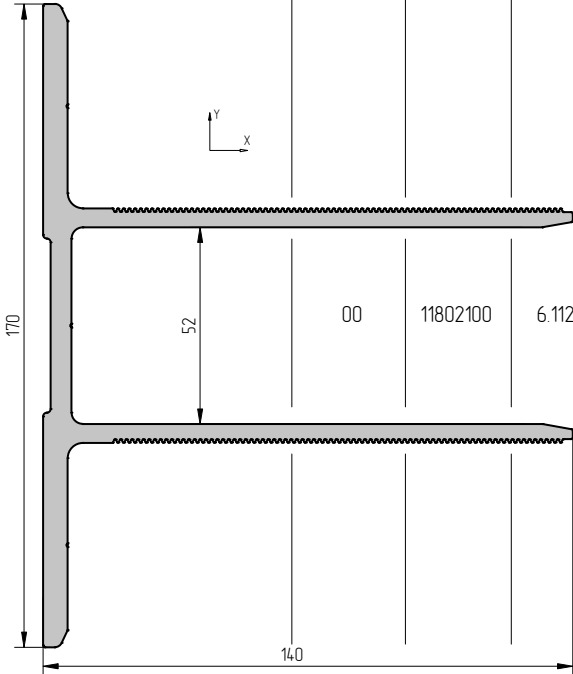
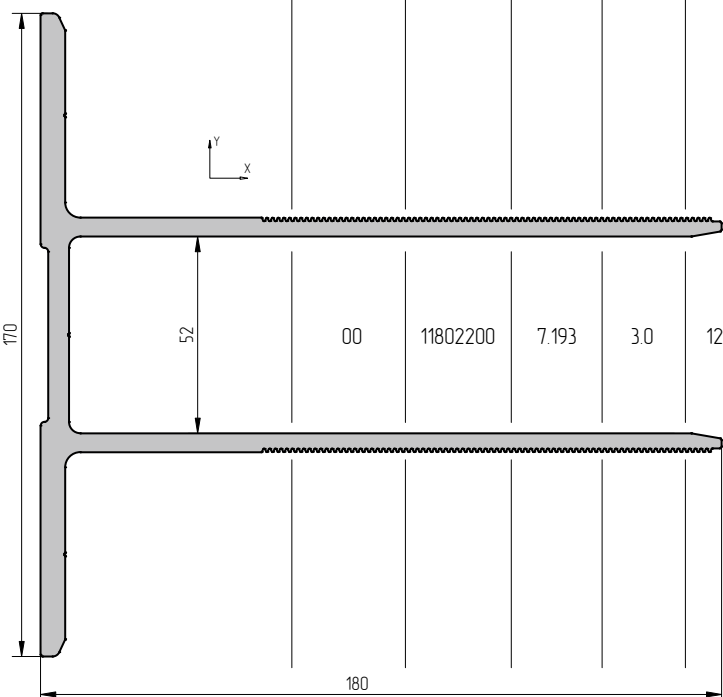
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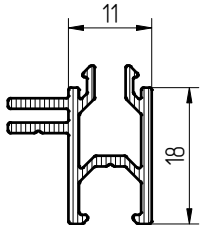
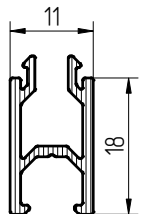
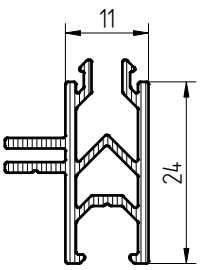
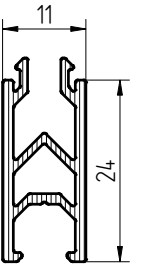
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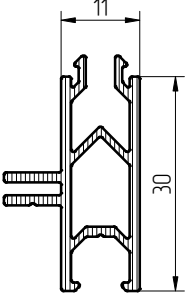
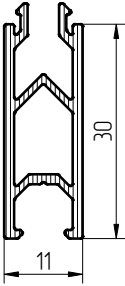
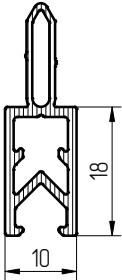
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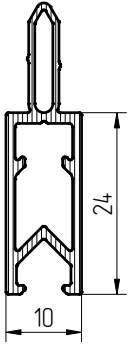
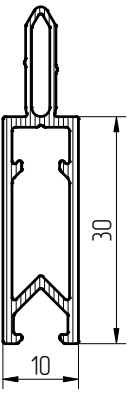
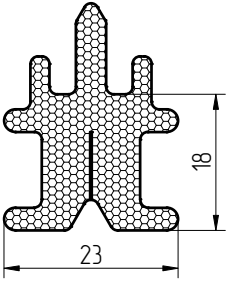
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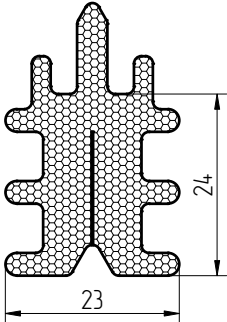
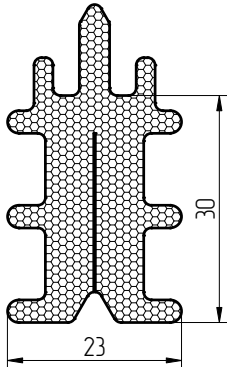
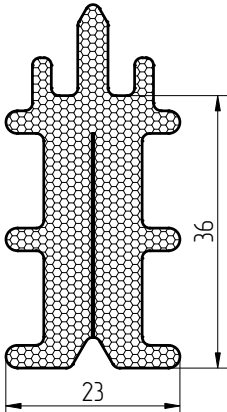
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg								
						J _x	J _y	W _x	W _y	pcs	m									
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F50	F50 TT	F50 HC	SKL50																	
●	●																			
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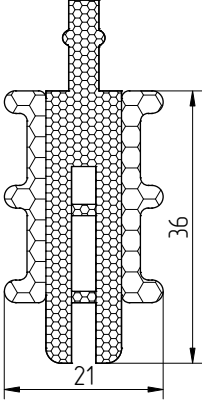
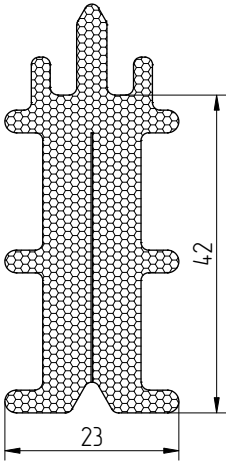
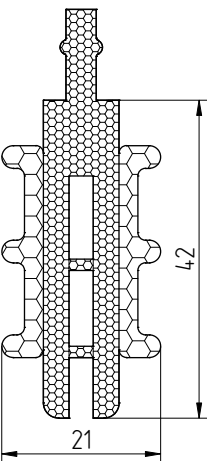
Name, article, drawing	Profile colour	Code	Weight, kg/m	Bar length, m	External perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Package weight, gross, kg
						J _x	J _y	W _x	W _y	pcs	m	
Bracket profile AYPC.150.0308 	00	11802100	6.112	3.0	1052.4	355.65	439.93	4184	43.91	2	6	36.7
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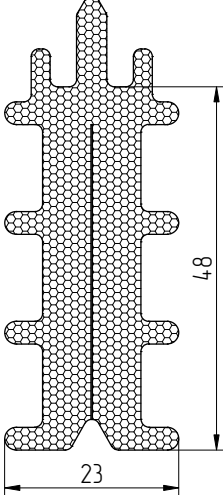
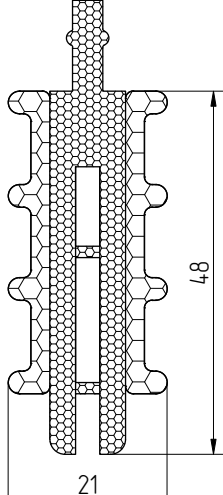
Name, article, drawing	Colour	Code	Weight, kg/m	Bar length, m	Quantity in pack		Package weight, gross kg								
					pcs	m									
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F50	F50 TT	F50 HC	SKL50												
●	●	●	●												
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F50	F50 TT	F50 HC	SKL50												
●	●		●												
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F50	F50 TT	F50 HC	SKL50												
●	●	●	●												
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F50	F50 TT	F50 HC	SKL50												
●	●		●												

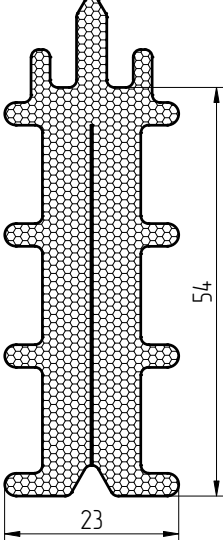
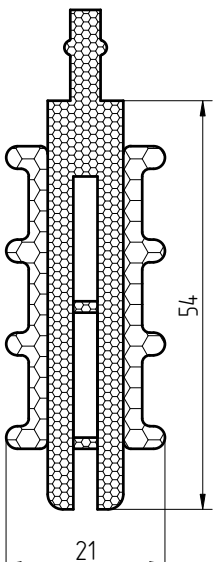
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F50	F50 TT	F50 HC	SKL50												
●	●	●	●												
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F50	F50 TT	F50 HC	SKL50												
●	●		●												
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F50	F50 TT	F50 HC	SKL50												
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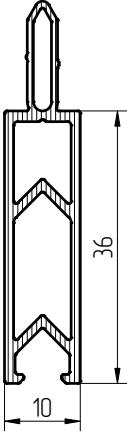
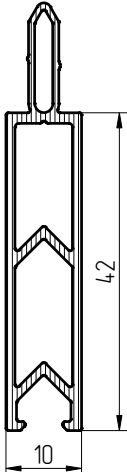
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F50	F50 TT	F50 HC	SKL50												
●	●														
Thermal break profile AYPC.F50.0907 	-	11210700	0.202	5.8	20	116	23.6								
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F50	F50 TT	F50 HC	SKL50												
●	●														
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F50	F50 TT	F50 HC	SKL50												
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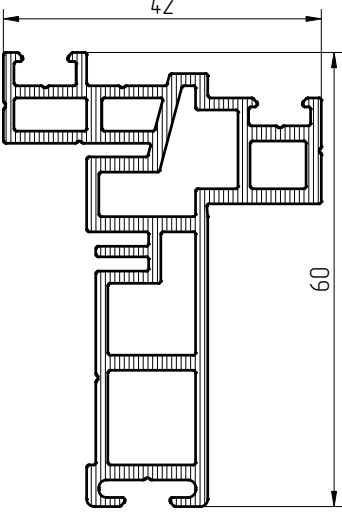
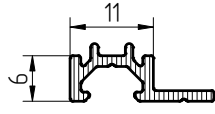
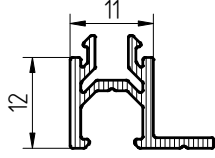
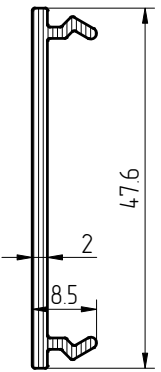
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F50	F50 TT	F50 HC	SKL50												
●	●		●												
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F50	F50 TT	F50 HC	SKL50												
●	●		●												
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F50	F50 TT	F50 HC	SKL50												
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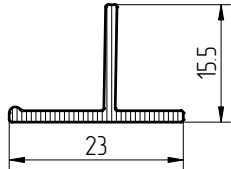
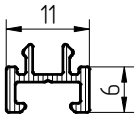
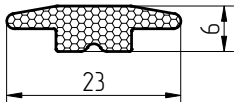
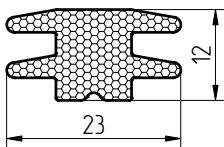
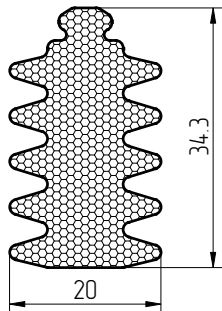
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F50	F50 TT	F50 HC	SKL50												
●															
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F50	F50 TT	F50 HC	SKL50												
●	●		●												
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F50	F50 TT	F50 HC	SKL50												
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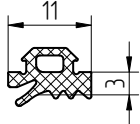
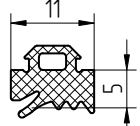
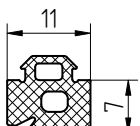
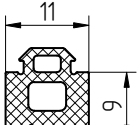
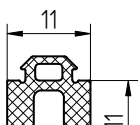
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F50	F50 TT	F50 HC	SKL50												
●	●		●												
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F50	F50 TT	F50 HC	SKL50												
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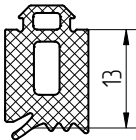
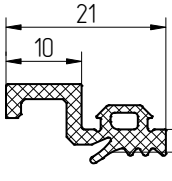
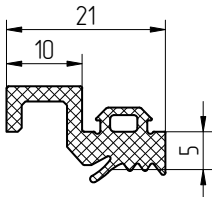
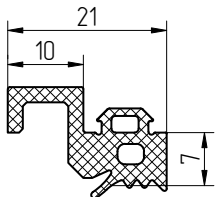
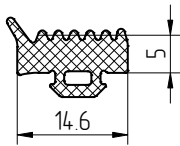
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F50	F50 TT	F50 HC	SKL50												
●	●														
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F50	F50 TT	F50 HC	SKL50												
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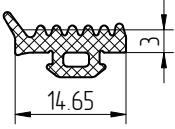
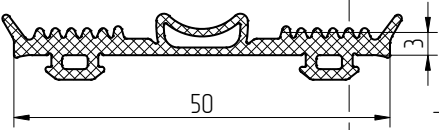
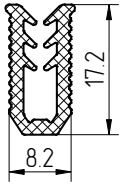
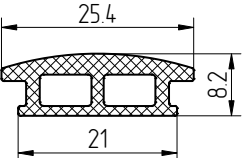
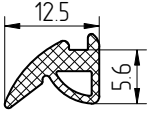
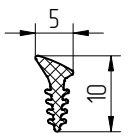
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F50	F50 TT	F50 HC	SKL50												
●	●														
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F50	F50 TT	F50 HC	SKL50												
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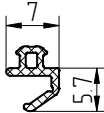
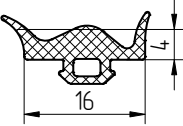
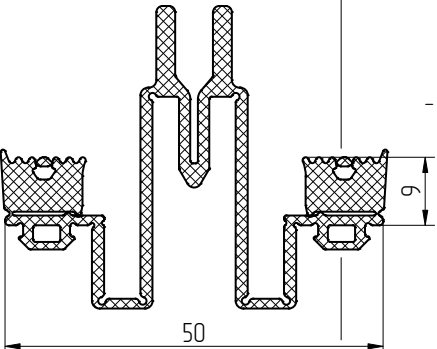
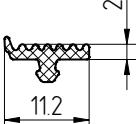
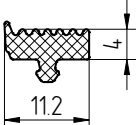
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		●													
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		●													
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F50	F50 TT	F50 HC	SKL50												
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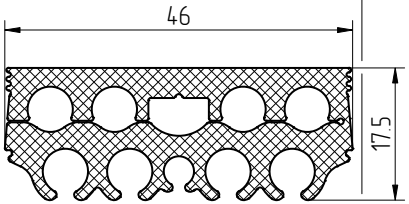
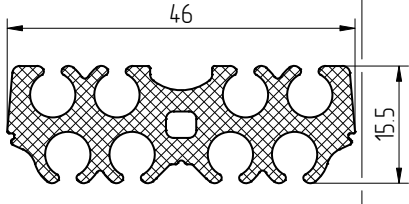

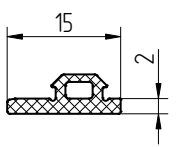
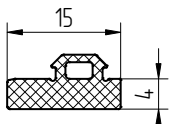
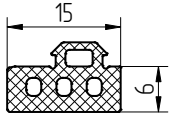
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●	●														
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F50	F50 TT	F50 HC	SKL50												
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F50	F50 TT	F50 HC	SKL50												
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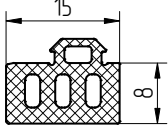
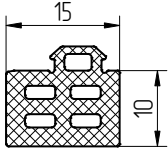
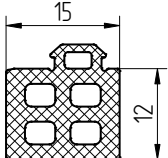
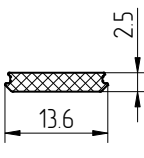
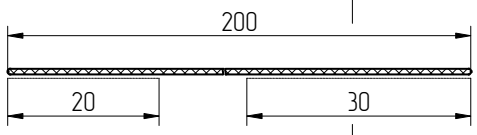
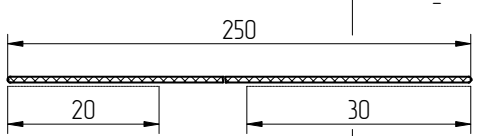
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●	●		●										
Rubber gasket FRK15 	-	11215200	0.083	200	16.6								
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●	●	●	●										
Rubber gasket FRK16 	-	11215300	0.100	175	17.5								
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●	●	●	●										
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●	●	●	●										
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F50	F50 TT	F50 HC	SKL50										
●	●	●	●										

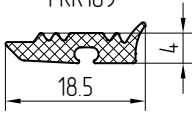
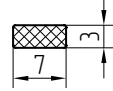
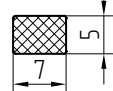
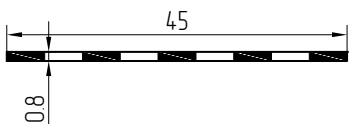
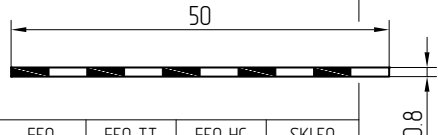
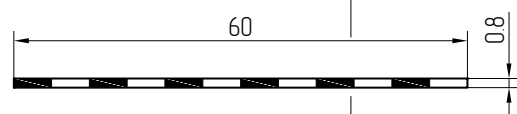
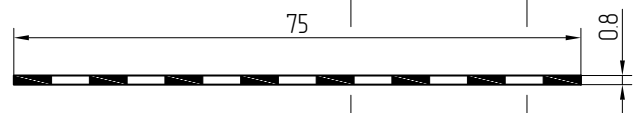
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Rubber gasket FRK19 	-	11215600	0.155	100	15.5								
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●		●	●										
Rubber gasket FRK20 	-	11215700	0.095	175	16.7								
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●			●										
Rubber gasket FRK21 	-	11215800	0.133	125	16.7								
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F50	F50 TT	F50 HC	SKL50										
●			●										
Rubber gasket FRK22 	-	11215900	0.158	100	15.8								
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●			●										
Rubber gasket FRK23 	-	11216000	0.122	125	15.3								
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F50	F50 TT	F50 HC	SKL50										
●	●												

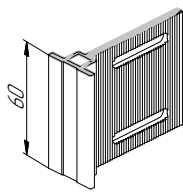
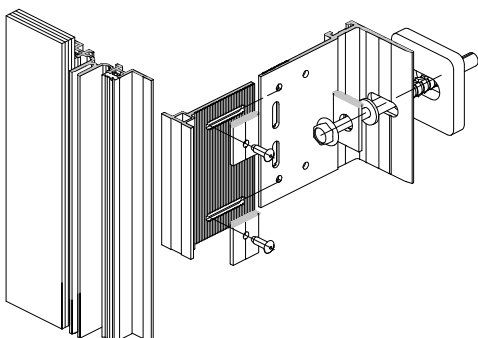
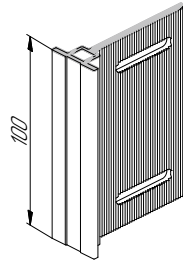
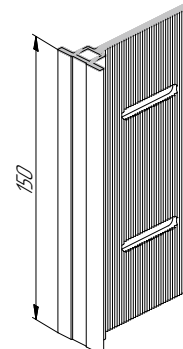
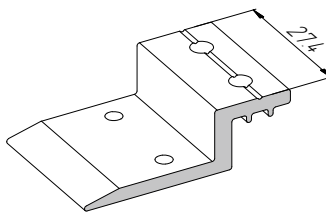
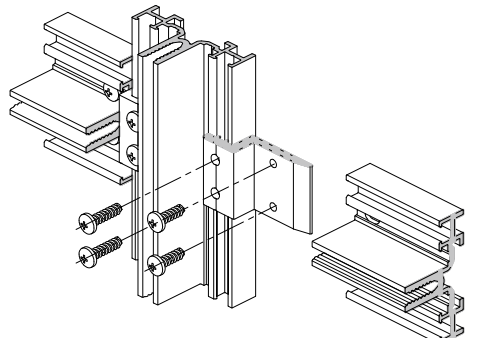
Name, article, drawing				Colour	Code	Weight, kg/m	Quantity in pack, m	Package weight, gross, kg
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F50	F50 TT	F50 HC	SKL50					
●	●	●						
Rubber gasket FRK25 				-	11216200	0.208	75	15.6
F50	F50 TT	F50 HC	SKL50					
●								
Rubber gasket FRK28 				-	10413200	0.106	150	15.9
F50	F50 TT	F50 HC	SKL50					
●								
Rubber gasket FRK28 				-	10413600	0.158	90	14.3
F50	F50 TT	F50 HC	SKL50					
●								
Rubber gasket FRK36 				-	11216300	0.070	250	17.5
F50	F50 TT	F50 HC	SKL50					
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Rubber gasket FRK37 				-	10415400	0.056	300	16.8
F50	F50 TT	F50 HC	SKL50					
●								

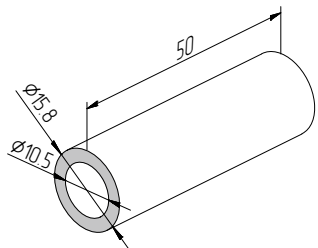
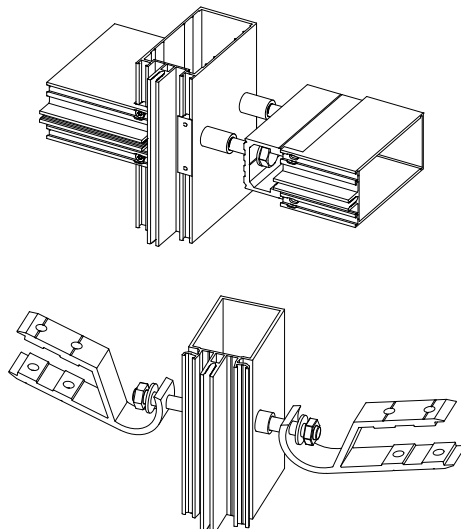
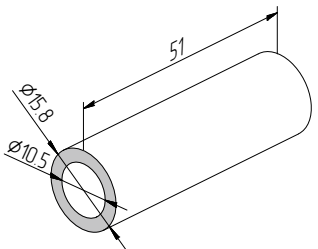
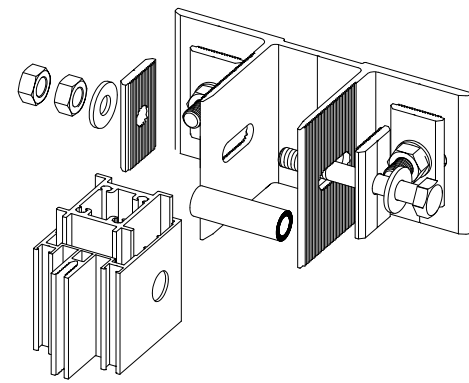
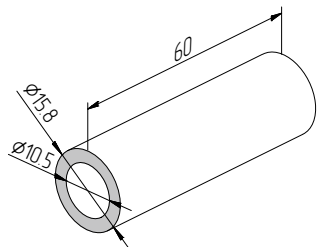
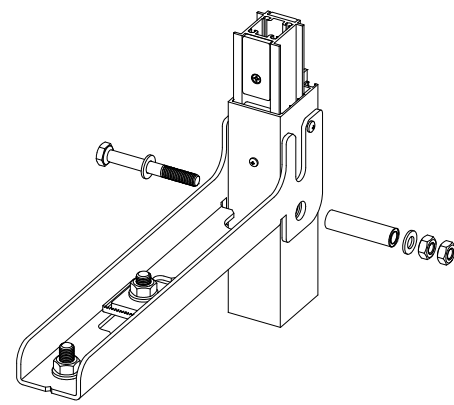
Name, article, drawing	Colour	Code	Weight, kg/m	Quantity in pack, m	Package weight, gross, kg								
Rubber gasket FRK98 	-	10821000	0.027	575	15.5								
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F50	F50 TT	F50 HC	SKL50										
●													
Rubber gasket FRK105 	-	11216700	0.092	200	18.4								
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●	●	●	●										
Rubber gasket FRK117 	-	11610100	0.593	30	17.8								
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F50	F50 TT	F50 HC	SKL50										
●			●										
Rubber gasket FRK118 	-	11610200	0.034	550	18.7								
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●			●										
Rubber gasket FRK119 	-	11610300	0.065	300	19.5								
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F50	F50 TT	F50 HC	SKL50										
●			●										

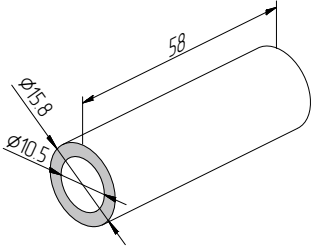
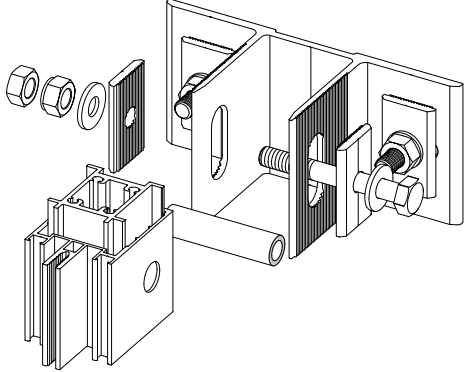
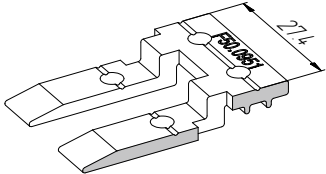
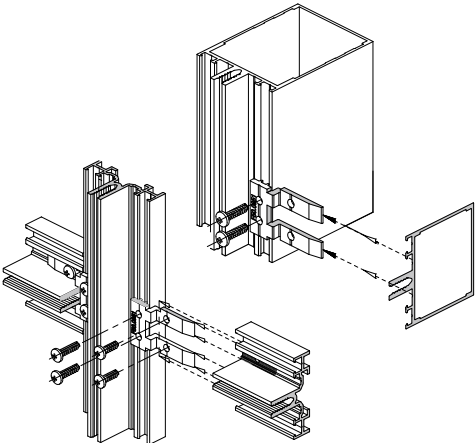
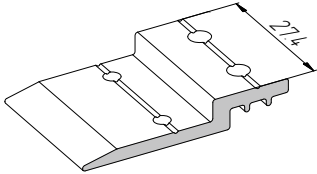
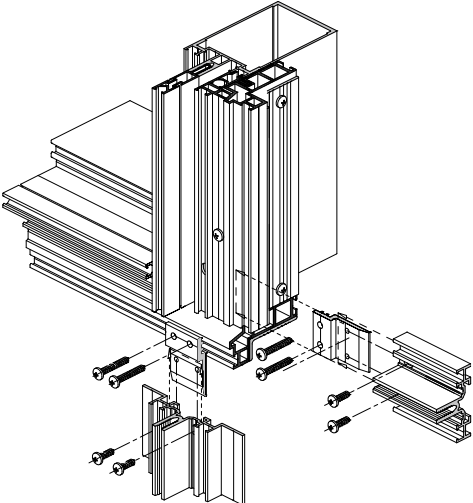
Name, article, drawing	Colour	Code	Weight, kg/m	Quantity in pack, m	Package weight, gross, kg								
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●													
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●													
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F50	F50 TT	F50 HC	SKL50										
●		●											
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●													
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●													
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F50	F50 TT	F50 HC	SKL50										
●	●												

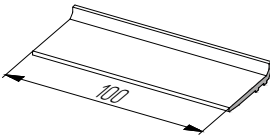
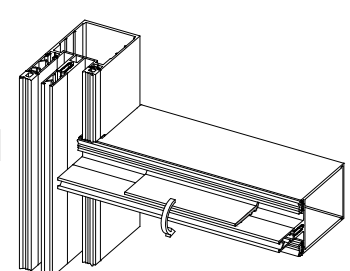
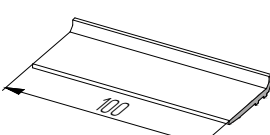
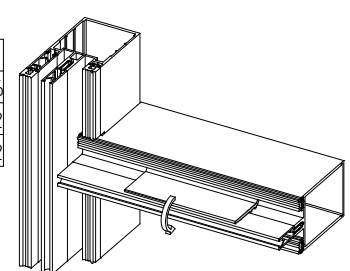
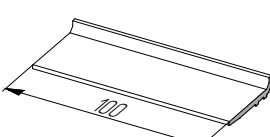
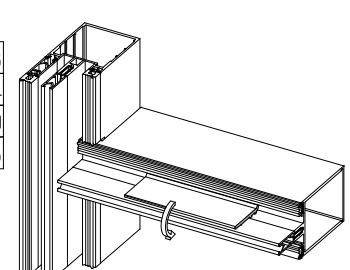
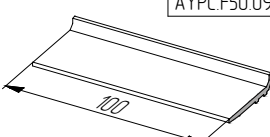
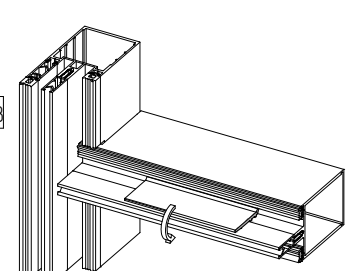
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●													
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●	●		●										
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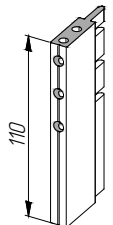
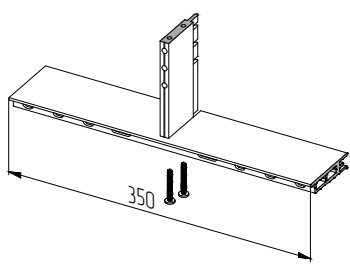
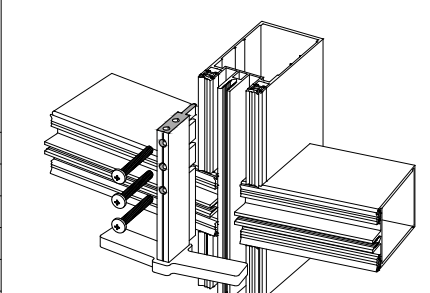
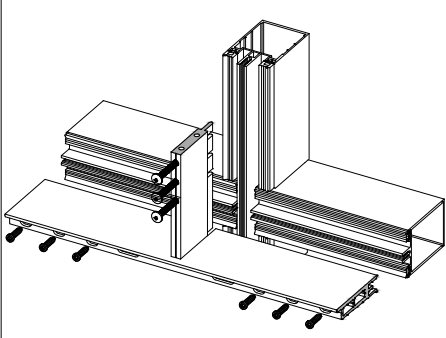
Name, article, drawing	Colour	Code	Weight, kg/m	Quantity in pack, m	Package weight, gross, kg								
<p>Rubber gasket FRK189</p> 	-	11217900	0.070	230	16.1								
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F50	F50 TT	F50 HC	SKL50										
●													
<p>Rubber gasket FRK199</p> 	-	11240200	0.029	420	12.2								
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F50	F50 TT	F50 HC	SKL50										
●													
<p>Rubber gasket FRK200</p> 	-	11240300	0.048	420	20.2								
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F50	F50 TT	F50 HC	SKL50										
●	●												
<p>Butyl tape LB45X0,8R</p> 	-	14001900	0.086	60	5.2								
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F50	F50 TT	F50 HC	SKL50										
●	●		●										
<p>Butyl tape LBM50X0,8R</p> 	-	11292700	0.096	60	5.8								
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F50	F50 TT	F50 HC	SKL50										
●	●		●										
<p>Butyl tape LB60X0,8R</p> 	-	11292600	0.115	60	6.9								
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F50	F50 TT	F50 HC	SKL50										
●	●		●										
<p>Butyl tape LB75X0,8R</p> 	-	-	0.135	60	8.5								
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F50	F50 TT	F50 HC	SKL50										
●													

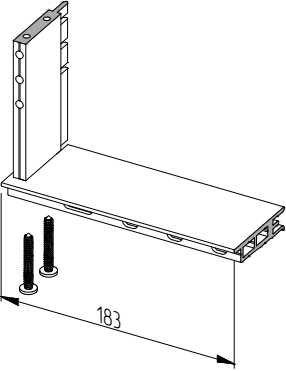
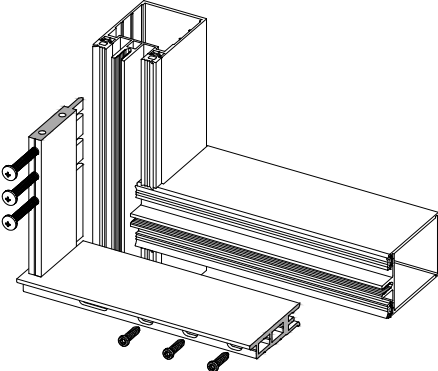
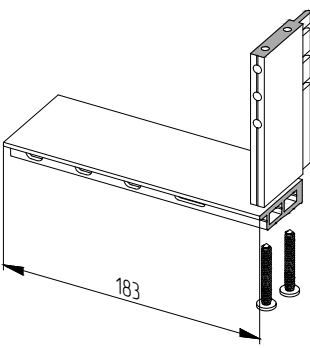
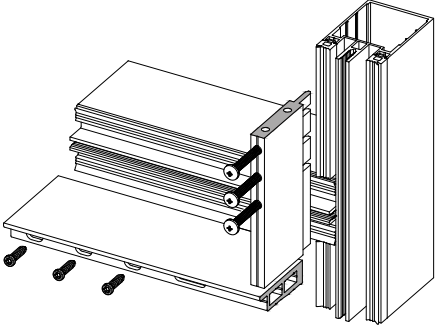
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
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F50	F50 TT	F50 HC	SKL50												
		●													
Bracket AYP.C.F50.0931-01 	00	11233300	0.076	95	7.22	AYPC.F50.04.31									
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F50	F50 TT	F50 HC	SKL50												
		●													
Bracket AYP.C.F50.0931-02 	00	11233400	0.12	70	8.12	AYPC.F50.04.31									
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F50	F50 TT	F50 HC	SKL50												
		●													
Joining element AYP.C.F50.0933 	00	11233100	0.010	120	1.80	AYPC.F50.04.33	Used for transom-transom connection 								
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F50	F50 TT	F50 HC	SKL50												
		●													

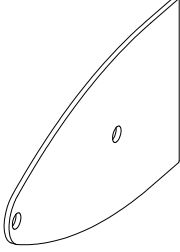
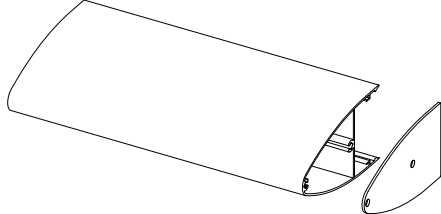
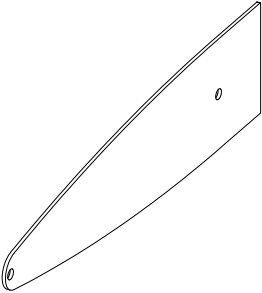
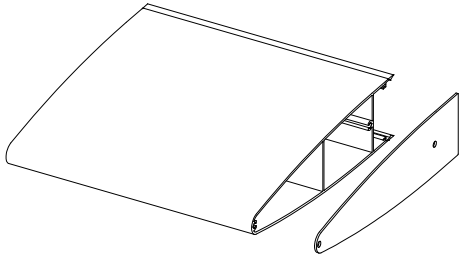
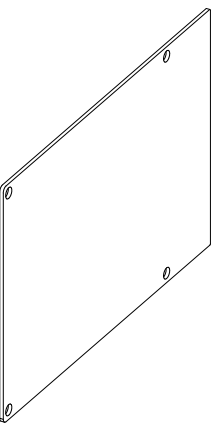
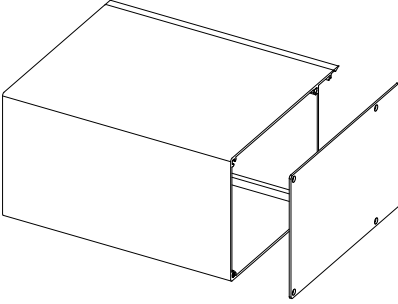
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
<p>Joining element AYPC.F50.0950</p>  <table border="1" data-bbox="103 884 470 952"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td>●</td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●	●		●	00	11225600	0.015	100	16	AYPC.F50.04.16	<p>Used together with joining elements made of AYPC.F50.04.07, AYPC.F50.04.13, AYPC.F50.04.17, AYPC.F50.6005 profiles when connecting Mullions with Transoms</p> 
F50	F50 TT	F50 HC	SKL50												
●	●		●												
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F50	F50 TT	F50 HC	SKL50												
●	●														
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F50	F50 TT	F50 HC	SKL50												
●															

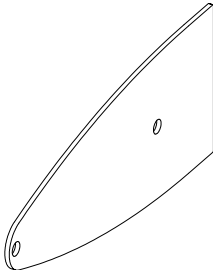
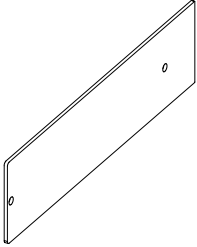
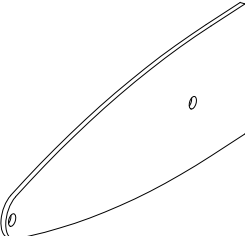
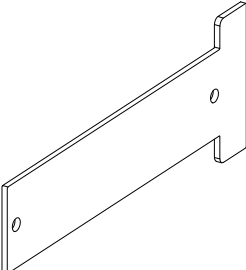
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
Joining element AYPC.F50.0950-03 	00	11237400	0.017	100	19	AYPC.F50.04.16									
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F50	F50 TT	F50 HC	SKL50												
●	●														
Joining element AYPC.F50.0951 	00	11214100	0.006	200	125	AYPC.F50.04.01									
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F50	F50 TT	F50 HC	SKL50												
	●	●													
Joining element AYPC.F50.0951-01 	00	11233900	0.009	200	176	AYPC.F50.04.01									
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F50	F50 TT	F50 HC	SKL50												
		●													

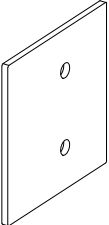
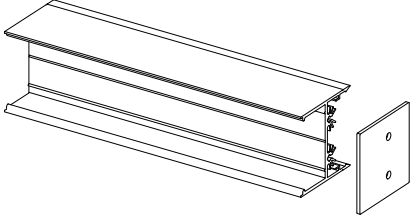
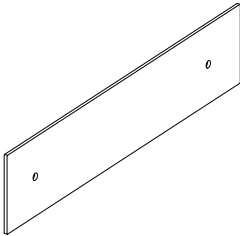
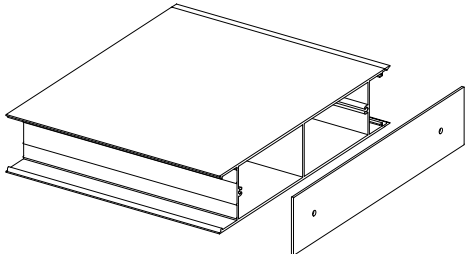
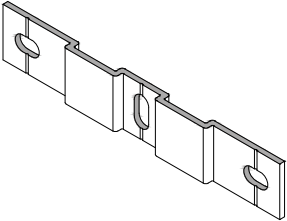
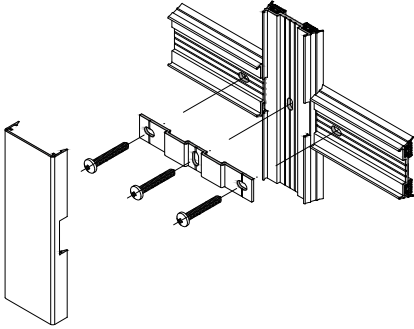
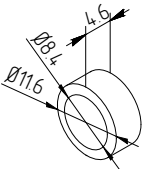
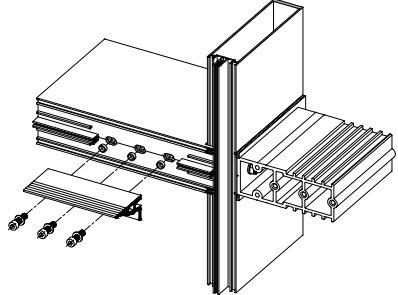
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application				
Bearing support AYPC.F50.0940-01 	00	11226600	0.016	150	2.5	AYPC.F50.0807	Used as a bearing support under the glass unit Infill unit thickness, mm: 4-14 				
								F50	F50 TT	F50 HC	SKL50
								●	●	●	
Unit - pcs											
Bearing support AYPC.F50.0940 AYPC.F50.0941 AYPC.F50.0941-01 AYPC.F50.0952-03 	00						Used as a bearing support under the glass unit Infill unit thickness, mm: 4-8, 22-26, 28-32, 58-62 				
								F50	F50 TT	F50 HC	SKL50
								●	●		
Unit - pcs											
Bearing support AYPC.F50.0941-02 AYPC.F50.0952 AYPC.F50.0952-01 AYPC.F50.0952-02 	00						Used as a bearing support under the glass unit Infill unit thickness, mm: 34-38, 40-44, 46-50, 52-56 				
								F50	F50 TT	F50 HC	SKL50
								●	●		●
Unit - pcs											
Bearing support AYPC.F50.0952-04 	00	11290700	0.080	10	0.85	AYPC.F50.0861	Used as a bearing support under the glass unit Infill unit thickness, mm: 64-68 				
								F50	F50 TT	F50 HC	SKL50
								●			
Unit - pcs											

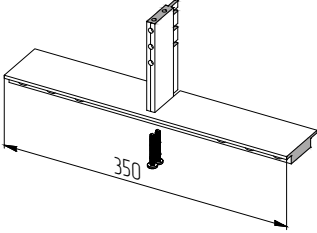
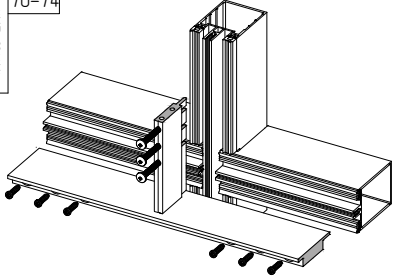
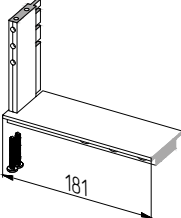
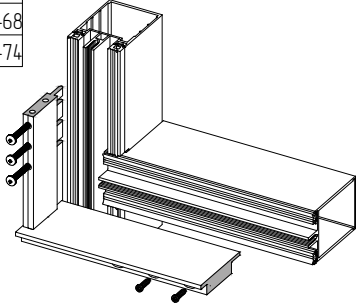
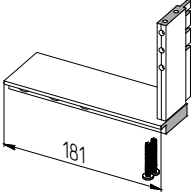
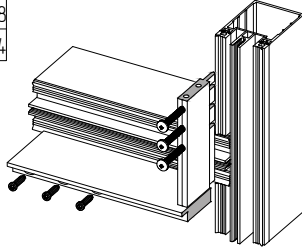
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application												
Bearing support 	00						Used as a vertical part of the bearing support. The horizontal part of the bearing support is being manufactured custom-made (material - stainless steel, class no lower than A2)												
		AYPC.F50.0964	11248600	0.071	42	3.1		AYPC.F50.0826											
		AYPC.F50.0964-01	11248700	0.088	32	2.9		AYPC.F50.0827											
		AYPC.F50.0964-02	11248800	0.115	28	3.3		AYPC.F50.0828											
		AYPC.F50.0964-04	11291300	0.140	32	4.6		AYPC.F50.0854											
		AYPC.F50.0964-05	11294000	0.154	10	1.6		AYPC.F50.0856											
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F50	F50 TT	F50 HC	SKL50																
●																			
Unit - pcs																			
Bearing support 	00						Used as a medium bearing support under the large-scale glass units.												
		AYPC.F50.0965-15	11249200	0.384	10	4.1		Infill unit thickness, mm											
		AYPC.F50.0965	11234200	0.395	14	5.8			28-32										
		AYPC.F50.0965-03	11234500	0.455	12	5.7			34-38										
		AYPC.F50.0965-06	11234800	0.475	12	5.9			40-44										
		AYPC.F50.0965-09	11235100	0.554	10	5.7			46-50										
		AYPC.F50.0965-12	11235400	0.574	10	5.9			52-56										
		AYPC.F50.0965-18	11290400	0.628	10	6.5			58-62										
		AYPC.F50.0965-21	11294100	0.741	10	7.7			64-68										
										70-74									
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F50	F50 TT	F50 HC	SKL50																
●																			
Unit - pcs																			
																			
Kit: two aluminium details, M6x40-A2IS07380-1 connecting screws - 2 pcs																			

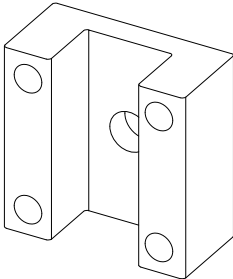
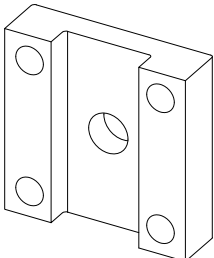
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																																																			
<p>Bearing support</p> <table border="1"> <tr><td>AYPC.F50.0965-17</td><td>11249500</td><td>0.229</td><td>10</td><td>2.5</td></tr> <tr><td>AYPC.F50.0965-02</td><td>11234400</td><td>0.236</td><td>6</td><td>1.6</td></tr> <tr><td>AYPC.F50.0965-05</td><td>11234700</td><td>0.270</td><td>6</td><td>1.7</td></tr> <tr><td>AYPC.F50.0965-08</td><td>11235000</td><td>0.280</td><td>6</td><td>1.8</td></tr> <tr><td>AYPC.F50.0965-11</td><td>11235300</td><td>0.330</td><td>4</td><td>1.6</td></tr> <tr><td>AYPC.F50.0965-14</td><td>11235600</td><td>0.340</td><td>4</td><td>1.5</td></tr> <tr><td>AYPC.F50.0965-19</td><td>11290500</td><td>0.371</td><td>10</td><td>3.9</td></tr> <tr><td>AYPC.F50.0965-22</td><td>11294200</td><td>0.472</td><td>10</td><td>5.1</td></tr> </table>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> <tr><td colspan="4">Unit - pcs</td></tr> </table>	AYPC.F50.0965-17	11249500	0.229	10	2.5	AYPC.F50.0965-02	11234400	0.236	6	1.6	AYPC.F50.0965-05	11234700	0.270	6	1.7	AYPC.F50.0965-08	11235000	0.280	6	1.8	AYPC.F50.0965-11	11235300	0.330	4	1.6	AYPC.F50.0965-14	11235600	0.340	4	1.5	AYPC.F50.0965-19	11290500	0.371	10	3.9	AYPC.F50.0965-22	11294200	0.472	10	5.1	F50	F50 TT	F50 HC	SKL50	●				Unit - pcs				00				-	Used as a left bearing support under the large-scale glass units
	AYPC.F50.0965-17	11249500	0.229	10	2.5																																																					
	AYPC.F50.0965-02	11234400	0.236	6	1.6																																																					
	AYPC.F50.0965-05	11234700	0.270	6	1.7																																																					
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	AYPC.F50.0965-16	11249300	0.229	10	2.5																																																					
	AYPC.F50.0965-01	11234300	0.236	6	1.6																																																					
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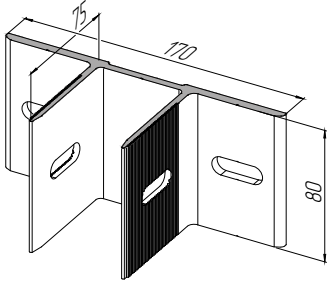
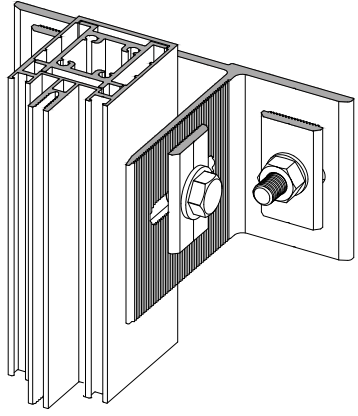
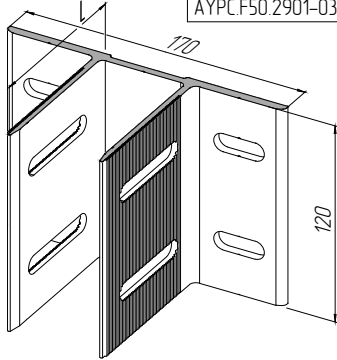
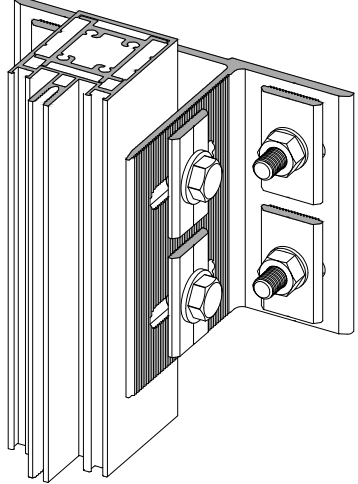
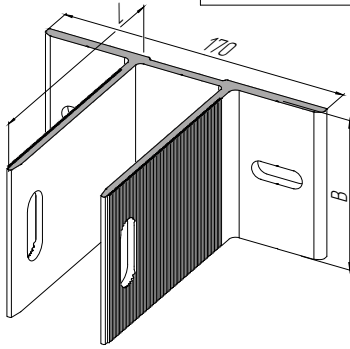
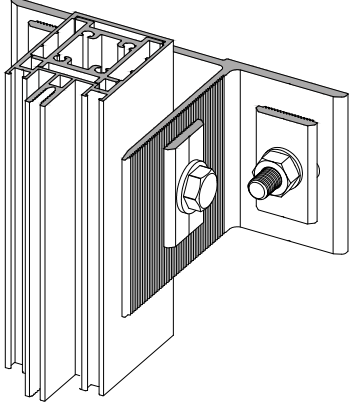
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
<p>End cover AYPC.F50.0971</p>  <table border="1" data-bbox="140 728 497 795"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00 RAL9006	11236800 11236831	0.019	40	10	-	<p>Installed on the ends of AYPC.F50.0507 cover caps</p> 
F50	F50 TT	F50 HC	SKL50												
●															
<p>End cover AYPC.F50.0972</p>  <table border="1" data-bbox="140 1317 497 1384"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00 RAL9006	11236900 11236931	0.043	40	2.0	-	<p>Installed on the ends of AYPC.F50.0509 cover caps</p> 
F50	F50 TT	F50 HC	SKL50												
●															
<p>End cover AYPC.F50.0973</p>  <table border="1" data-bbox="140 2027 497 2094"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00 RAL9006	11237000 11237031	0.082	30	2.8	-	<p>Installed on the ends of AYPC.F50.0510 cover caps</p> 
F50	F50 TT	F50 HC	SKL50												
●															

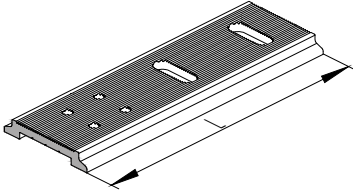
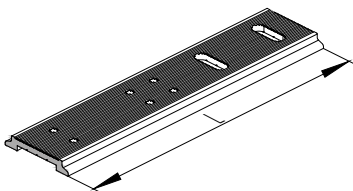
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
<p>End cover AYPC.F50.0974</p> 	00 RAL9006	11240900 11240931	0.025	60	1.7	-	Installed on the ends of AYPC.F50.0520 cover caps								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●										
F50	F50 TT	F50 HC	SKL50												
●															
<p>End cover AYPC.F50.0977</p> 	00 RAL9006	11242100 11242131	0.054	40	2.4	-	Installed on the ends of AYPC.F50.0522 cover caps								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●										
F50	F50 TT	F50 HC	SKL50												
●															
<p>End cover AYPC.F50.0984</p> 	00 RAL9006	11290800 11290831	0.032	78	2.7	-	Installed on the ends of AYPC.F50.0527 cover caps								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●										
F50	F50 TT	F50 HC	SKL50												
●															
<p>End cover AYPC.F50.0985</p> 	00 RAL9006	11290900 11290931	0.023	40	1.1	-	Installed on the ends of AYPC.F50.0528 cover caps								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●										
F50	F50 TT	F50 HC	SKL50												
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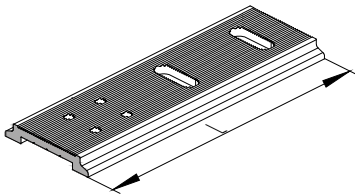
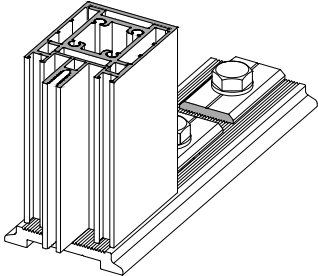
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
<p>End cover AYPC.F50.0986</p>  <table border="1" data-bbox="140 651 496 712"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00 RAL9006	11291000 11291031	0.013	136	2.0	-	<p>Installed on the ends of AYPC.F50.0535 cover caps</p> 
F50	F50 TT	F50 HC	SKL50												
●															
<p>End cover AYPC.F50.0987</p>  <table border="1" data-bbox="140 1093 496 1153"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00 RAL9006	11291100 11291131	0.064	136	9.1	-	<p>Installed on the ends of AYPC.F50.0533 cover caps</p> 
F50	F50 TT	F50 HC	SKL50												
●															
<p>Connecting clamp AYPC.F50.0994</p>  <table border="1" data-bbox="140 1525 496 1585"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00	11290300	0.013	320	4.30	AYPC.F50.0729	<p>Installed on clamp bars</p> 
F50	F50 TT	F50 HC	SKL50												
●															
<p>Bush AYPC.F50.0997</p>  <table border="1" data-bbox="140 2033 496 2094"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00	11291200	0.001	80	0.10	AYPC.SP50.0404	<p>Installed when mounting the AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254 transoms to the mullion profile</p> 
F50	F50 TT	F50 HC	SKL50												
●															

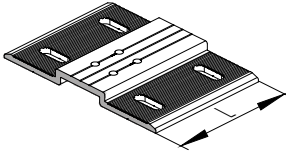
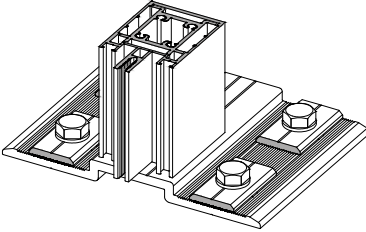
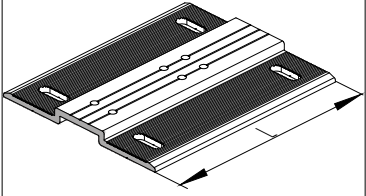
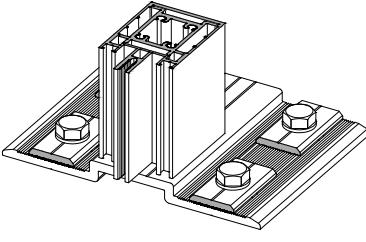
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																		
<p>Bearing support</p> <table border="1"> <tr><td>AYPC.F50.1465</td></tr> <tr><td>AYPC.F50.1465-03</td></tr> <tr><td>AYPC.F50.1465-06</td></tr> </table>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> <tr><td colspan="4">Unit - pcs</td></tr> </table>	AYPC.F50.1465	AYPC.F50.1465-03	AYPC.F50.1465-06	F50	F50 TT	F50 HC	SKL50	●				Unit - pcs				00	14003800	1.769	6	10.9	-	<p>Used as a medium bearing support under the large-scale glass units.</p> <p>Infill unit thickness, mm</p> <table border="1"> <tr><td>58-62</td></tr> <tr><td>64-68</td></tr> <tr><td>70-74</td></tr> </table>  <p>Kit: one aluminium detail, one steel detail, M6x40-A2IS07380-1 connecting screws - 2 pcs</p>	58-62	64-68	70-74
	AYPC.F50.1465																								
	AYPC.F50.1465-03																								
	AYPC.F50.1465-06																								
F50	F50 TT	F50 HC	SKL50																						
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58-62																									
64-68																									
70-74																									
11292000	1.998	4	8.3																						
11292300	2.203	4	9.1																						
<p>Bearing support</p> <table border="1"> <tr><td>AYPC.F50.1465-02</td></tr> <tr><td>AYPC.F50.1465-05</td></tr> <tr><td>AYPC.F50.1465-08</td></tr> </table>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> <tr><td colspan="4">Unit - pcs</td></tr> </table>	AYPC.F50.1465-02	AYPC.F50.1465-05	AYPC.F50.1465-08	F50	F50 TT	F50 HC	SKL50	●				Unit - pcs				00	11291900	0.977	12	12.1	-	<p>Used as a left bearing support under the large-scale glass units</p> <p>Infill unit thickness, mm</p> <table border="1"> <tr><td>58-62</td></tr> <tr><td>64-68</td></tr> <tr><td>70-74</td></tr> </table>  <p>Kit: one aluminium detail, one steel detail, M6x40-A2IS07380-1 connecting screws - 2 pcs</p>	58-62	64-68	70-74
	AYPC.F50.1465-02																								
	AYPC.F50.1465-05																								
	AYPC.F50.1465-08																								
F50	F50 TT	F50 HC	SKL50																						
●																									
Unit - pcs																									
58-62																									
64-68																									
70-74																									
11292200	1.109	8	9.2																						
11292500	1.215	8	10.0																						
<p>Bearing support</p> <table border="1"> <tr><td>AYPC.F50.1465-01</td></tr> <tr><td>AYPC.F50.1465-04</td></tr> <tr><td>AYPC.F50.1465-07</td></tr> </table>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> <tr><td colspan="4">Unit - pcs</td></tr> </table>	AYPC.F50.1465-01	AYPC.F50.1465-04	AYPC.F50.1465-07	F50	F50 TT	F50 HC	SKL50	●				Unit - pcs				00	11291800	0.977	12	12.1	-	<p>Used as a right bearing support under the large-scale glass units</p> <p>Infill unit thickness, mm</p> <table border="1"> <tr><td>58-62</td></tr> <tr><td>64-68</td></tr> <tr><td>70-74</td></tr> </table>  <p>Kit: one aluminium detail, one steel detail, M6x40-A2IS07380-1 connecting screws - 2 pcs</p>	58-62	64-68	70-74
	AYPC.F50.1465-01																								
	AYPC.F50.1465-04																								
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F50	F50 TT	F50 HC	SKL50																						
●																									
Unit - pcs																									
58-62																									
64-68																									
70-74																									
11292100	1.109	8	9.2																						
11292400	1.215	8	10.0																						

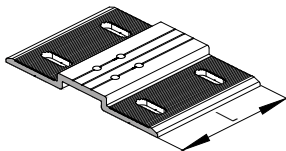
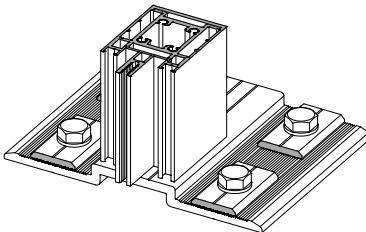
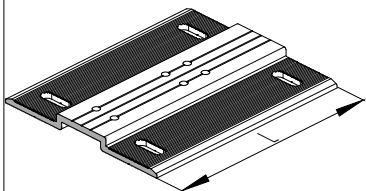
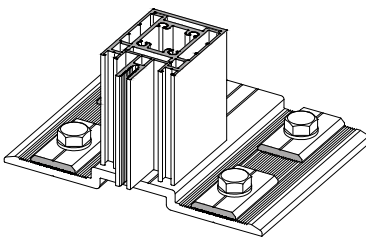
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
Joining element AYPC.F50.1998 	A05-E6	11292800	0.016	100	18	AYPC.F50.0739	Applied for fixation of AYPC.F60.0735, AYPC.F60.0736, AYPC.F60.0737, AYPC.F60.0738 profiles to mullion profiles								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td></td> </tr> </table> Unit - pcs	F50	F50 TT	F50 HC	SKL50	●	●									
F50	F50 TT	F50 HC	SKL50												
●	●														
Joining element AYPC.F50.1999 	A05-E6	11292900	0.011	200	2.3	AYPC.F50.0739	Applied for fixation of AYPC.F60.0735, AYPC.F60.0736, AYPC.F60.0737, AYPC.F60.0738 profiles to transom profiles								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td></td> </tr> </table> Unit - pcs	F50	F50 TT	F50 HC	SKL50	●	●									
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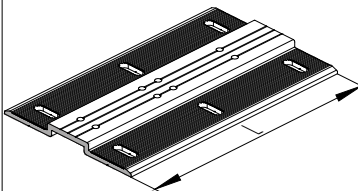
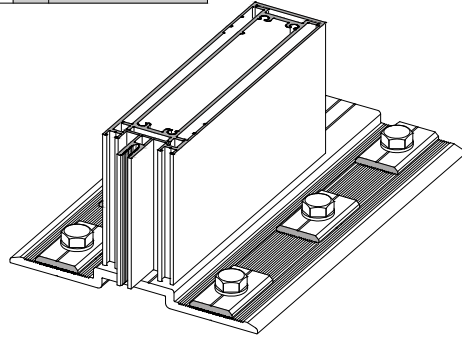
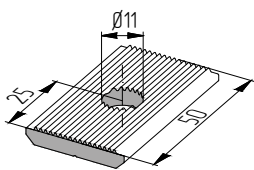
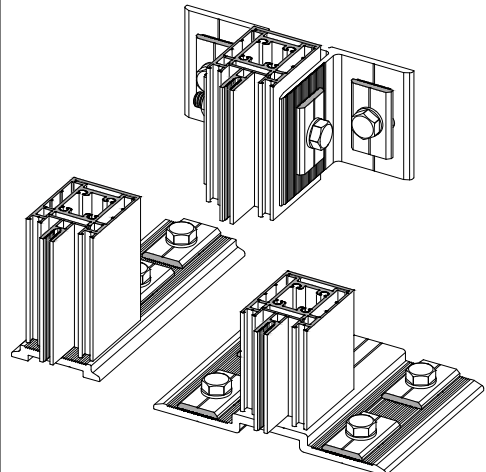
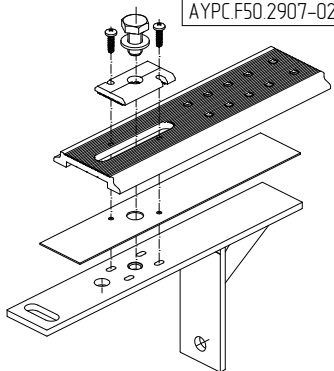
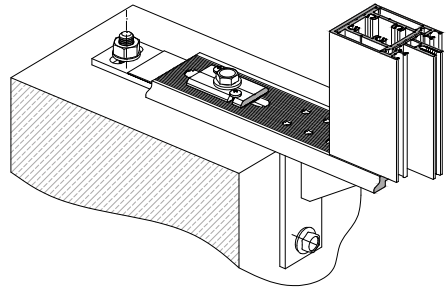
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																																																				
<p>Bracket AYPC.F50.2901</p>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●	●			00	11228400	0.283	12	3.8	AYPC.150.0306																																													
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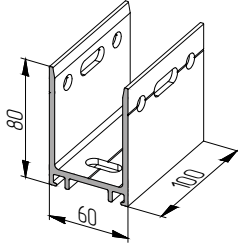
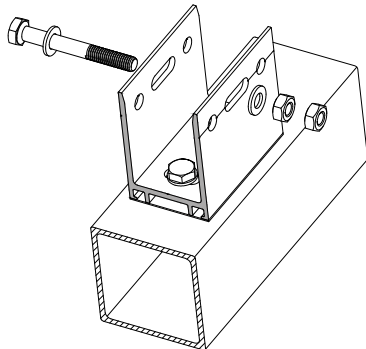
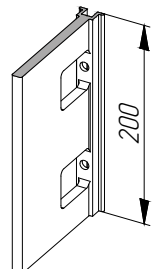
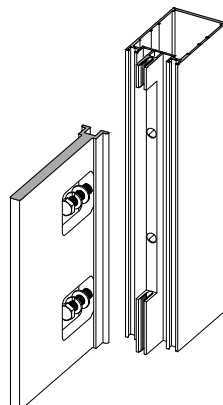
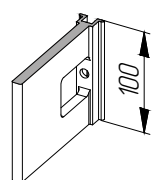
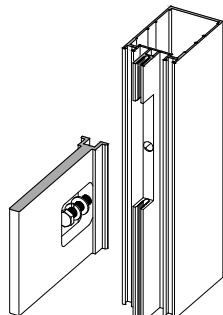
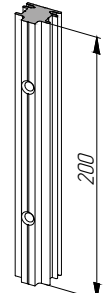
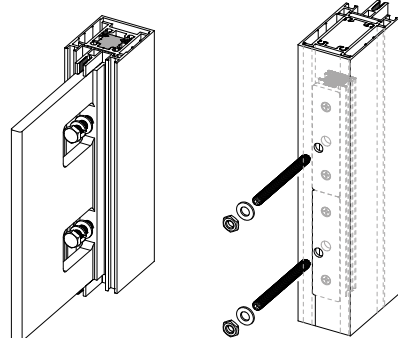
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application													
Bearing 	00	AYPC.F50.2903	11229300	0.196	35	7.1	<table border="1"> <tr><td>Mullion profile</td></tr> <tr><td>Joining element</td></tr> <tr><td>188 AYPC.F50.0102</td></tr> <tr><td>AYPC.F50.0302</td></tr> <tr><td>208 AYPC.F50.0103</td></tr> <tr><td>AYPC.F50.0303</td></tr> <tr><td>228 AYPC.F50.0104</td></tr> <tr><td>AYPC.F50.0304</td></tr> <tr><td>248 AYPC.F50.0105</td></tr> <tr><td>AYPC.F50.0305</td></tr> </table>	Mullion profile	Joining element	188 AYPC.F50.0102	AYPC.F50.0302	208 AYPC.F50.0103	AYPC.F50.0303	228 AYPC.F50.0104	AYPC.F50.0304	248 AYPC.F50.0105	AYPC.F50.0305			
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AYPC.F50.0305																				
AYPC.F50.2903-01	11229400	0.218	24	5.5																
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AYPC.F50.2903-03	11229600	0.262	24	6.5																
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Bearing 	00	AYPC.F50.2903-04	11229700	0.283	24	7.0	<table border="1"> <tr><td>Mullion profile</td></tr> <tr><td>Joining element</td></tr> <tr><td>268 AYPC.F50.0106</td></tr> <tr><td>AYPC.F50.0306</td></tr> <tr><td>298 AYPC.F50.0107</td></tr> <tr><td>AYPC.F50.0307</td></tr> <tr><td>323 AYPC.F50.0108</td></tr> <tr><td>AYPC.F50.0120</td></tr> <tr><td>AYPC.F50.0308</td></tr> <tr><td>283 AYPC.F50.0117</td></tr> <tr><td>AYPC.F50.0309</td></tr> <tr><td>313 AYPC.F50.0118</td></tr> <tr><td>AYPC.F50.0310</td></tr> </table>	Mullion profile	Joining element	268 AYPC.F50.0106	AYPC.F50.0306	298 AYPC.F50.0107	AYPC.F50.0307	323 AYPC.F50.0108	AYPC.F50.0120	AYPC.F50.0308	283 AYPC.F50.0117	AYPC.F50.0309	313 AYPC.F50.0118	AYPC.F50.0310
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AYPC.F50.2903-05	11229800	0.316	24	7.8																
AYPC.F50.2903-06	11229900	0.344	24	8.5																
AYPC.F50.2903-07	11240500	0.299	24	7.4																
AYPC.F50.2903-08	11240600	0.333	24	8.3																
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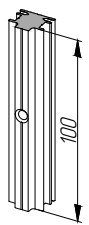
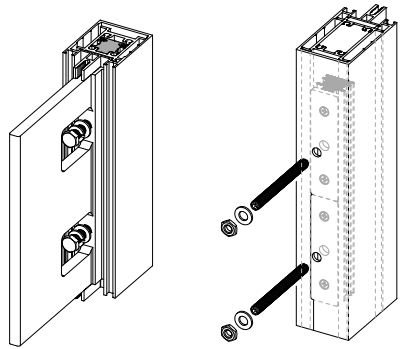
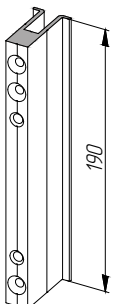
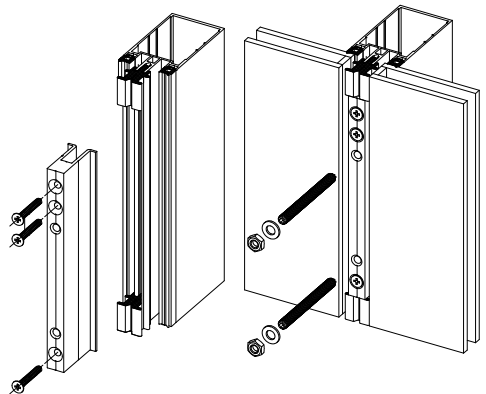
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application														
Bearing 						AYPC.F50.0724	<table border="1"> <thead> <tr> <th>Mullion profile</th> <th>Transom profile</th> </tr> <tr> <th>Joining element</th> <th>Joining element</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>AYPC.F50.3204* AYPC.F50.3324</td> </tr> <tr> <td>AYPC.F50.3102 AYPC.F50.3302</td> <td>AYPC.F50.3205 AYPC.F50.3325</td> </tr> <tr> <td>AYPC.F50.3103 AYPC.F50.3303</td> <td>AYPC.F50.3206 AYPC.F50.3326</td> </tr> <tr> <td>AYPC.F50.3104 AYPC.F50.3304</td> <td>AYPC.F50.3207 AYPC.F50.3327</td> </tr> <tr> <td>AYPC.F50.3105 AYPC.F50.3305</td> <td>AYPC.F50.3208 AYPC.F50.3328</td> </tr> </tbody> </table>	Mullion profile	Transom profile	Joining element	Joining element	-	AYPC.F50.3204* AYPC.F50.3324	AYPC.F50.3102 AYPC.F50.3302	AYPC.F50.3205 AYPC.F50.3325	AYPC.F50.3103 AYPC.F50.3303	AYPC.F50.3206 AYPC.F50.3326	AYPC.F50.3104 AYPC.F50.3304	AYPC.F50.3207 AYPC.F50.3327	AYPC.F50.3105 AYPC.F50.3305	AYPC.F50.3208 AYPC.F50.3328
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							AYPC.F50.2933	11277200	0.198	35	7.2	00	AYPC.F50.0724	Bearing length L, mm 190							
							AYPC.F50.2933-01	11277300	0.218	24	5.5				208						
							AYPC.F50.2933-02	11277400	0.240	24	6.0				228						
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AYPC.F50.2933-05	11277700	0.299	24	7.4				283													
AYPC.F50.2933-06	11277800	0.316	24	7.8				298													
AYPC.F50.2933-07	11277900	0.333	24	8.2				313													
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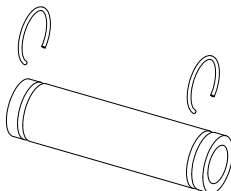
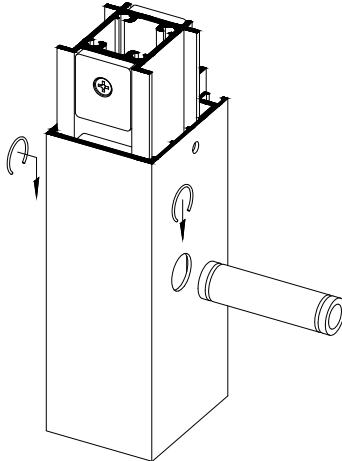
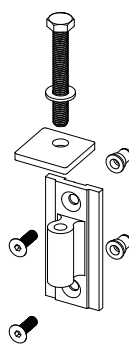
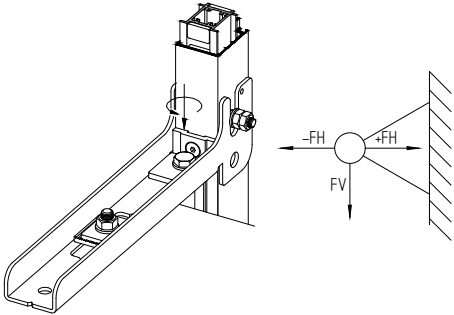
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
Bearing 	00	AYPC.F50.2904	11230000	0.351	10	3.8	AYPC.F50.0723 Bearing length L, mm								
		AYPC.F50.2904-01	11230100	0.409	10	4.4									
		AYPC.F50.2904-02	11230200	0.467	10	5.0									
		AYPC.F50.2904-03	11230300	0.525	10	5.6									
		Application		Mullion profile	Joining element	128		AYPC.F50.0102 AYPC.F50.0302							
				148	AYPC.F50.0103 AYPC.F50.0303										
				168	AYPC.F50.0104 AYPC.F50.0145 AYPC.F50.0304										
				188	AYPC.F50.0105 AYPC.F50.0146 AYPC.F50.0305										
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>		F50	F50 TT	F50 HC	SKL50	●									
F50	F50 TT	F50 HC	SKL50												
●															
Bearing 	00	AYPC.F50.2904-04	11230400	0.582	10	6.1	AYPC.F50.0723 Bearing length L, mm								
		AYPC.F50.2904-05	11230500	0.669	10	7.0									
		AYPC.F50.2904-06	11230600	0.741	10	7.7									
		AYPC.F50.2904-09	11240700	0.611	10	6.4									
		AYPC.F50.2904-10	11240800	0.698	10	7.3									
		Application		Mullion profile	Joining element	208		AYPC.F50.0106 AYPC.F50.0306							
				238	AYPC.F50.0107 AYPC.F50.0307										
				263	AYPC.F50.0108 AYPC.F50.0120 AYPC.F50.0308										
				218	AYPC.F50.0117 AYPC.F50.0309										
				248	AYPC.F50.0118 AYPC.F50.0310										
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>		F50	F50 TT	F50 HC	SKL50	●									
F50	F50 TT	F50 HC	SKL50												
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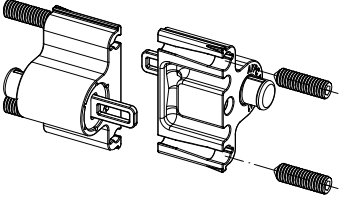
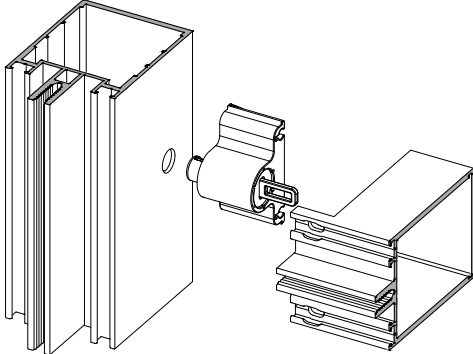
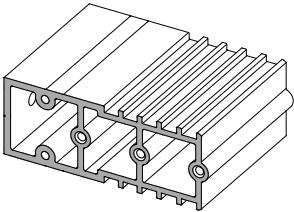
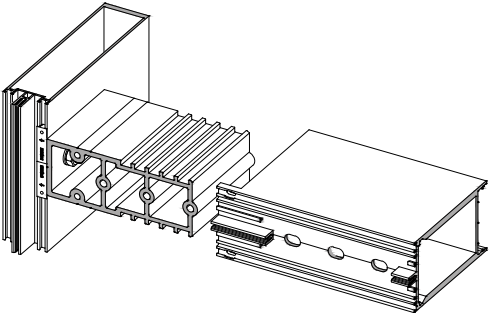
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																						
Bearing 	00	AYPC.F50.2934	11278000	0.356	10	3.8	<table border="1"> <thead> <tr> <th>Mullion profile</th> <th>Transom profile</th> </tr> <tr> <th>Joining element</th> <th>Joining element</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>AYPC.F50.3204*</td> </tr> <tr> <td>AYPC.F50.3102</td> <td>AYPC.F50.3205</td> </tr> <tr> <td>AYPC.F50.3302</td> <td>AYPC.F50.3325</td> </tr> <tr> <td>AYPC.F50.3103</td> <td>AYPC.F50.3206</td> </tr> <tr> <td>AYPC.F50.3303</td> <td>AYPC.F50.3326</td> </tr> <tr> <td>AYPC.F50.3104</td> <td>AYPC.F50.3207</td> </tr> <tr> <td>AYPC.F50.3304</td> <td>AYPC.F50.3327</td> </tr> <tr> <td>AYPC.F50.3105</td> <td>AYPC.F50.3208</td> </tr> <tr> <td>AYPC.F50.3305</td> <td>AYPC.F50.3328</td> </tr> </tbody> </table>	Mullion profile	Transom profile	Joining element	Joining element	-	AYPC.F50.3204*	AYPC.F50.3102	AYPC.F50.3205	AYPC.F50.3302	AYPC.F50.3325	AYPC.F50.3103	AYPC.F50.3206	AYPC.F50.3303	AYPC.F50.3326	AYPC.F50.3104	AYPC.F50.3207	AYPC.F50.3304	AYPC.F50.3327	AYPC.F50.3105	AYPC.F50.3208	AYPC.F50.3305	AYPC.F50.3328
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AYPC.F50.2934-01	11278100	0.409	10	4.4	AYPC.F50.0723 Bearing length L, mm																								
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Bearing																													
	00	AYPC.F50.2934-04	11278400	0.582	10	6.1	<table border="1"> <thead> <tr> <th>Mullion profile</th> <th>Transom profile</th> </tr> <tr> <th>Joining element</th> <th>Joining element</th> </tr> </thead> <tbody> <tr> <td>AYPC.F50.3106</td> <td>AYPC.F50.3209</td> </tr> <tr> <td>AYPC.F50.3306</td> <td>AYPC.F50.3329</td> </tr> <tr> <td>AYPC.F50.3107</td> <td>AYPC.F50.3210</td> </tr> <tr> <td>AYPC.F50.3307</td> <td>AYPC.F50.3330</td> </tr> <tr> <td>AYPC.F50.3108</td> <td>AYPC.F50.3211</td> </tr> <tr> <td>AYPC.F50.3308</td> <td>AYPC.F50.3331</td> </tr> <tr> <td>AYPC.F50.3109</td> <td>AYPC.F50.3212</td> </tr> <tr> <td>AYPC.F50.3309</td> <td>AYPC.F50.3332</td> </tr> </tbody> </table>	Mullion profile	Transom profile	Joining element	Joining element	AYPC.F50.3106	AYPC.F50.3209	AYPC.F50.3306	AYPC.F50.3329	AYPC.F50.3107	AYPC.F50.3210	AYPC.F50.3307	AYPC.F50.3330	AYPC.F50.3108	AYPC.F50.3211	AYPC.F50.3308	AYPC.F50.3331	AYPC.F50.3109	AYPC.F50.3212	AYPC.F50.3309	AYPC.F50.3332		
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AYPC.F50.2934-05	11278500	0.625	10	7.5	AYPC.F50.0723 Bearing length L, mm																								
AYPC.F50.2934-06	11278600	0.669	10	7.0																									
AYPC.F50.2934-07	11278700	0.712	10	7.3																									
						208																							
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F50	F50 TT	F50 HC	SKL50																										
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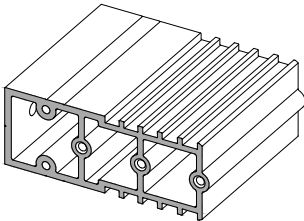
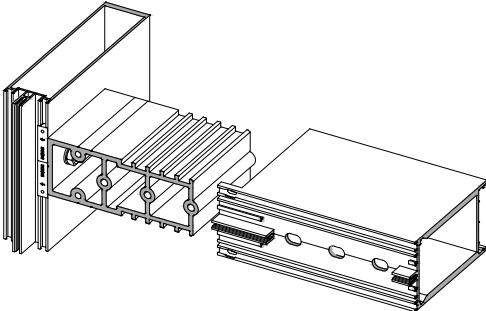
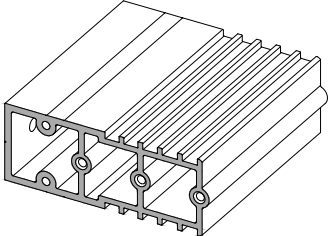
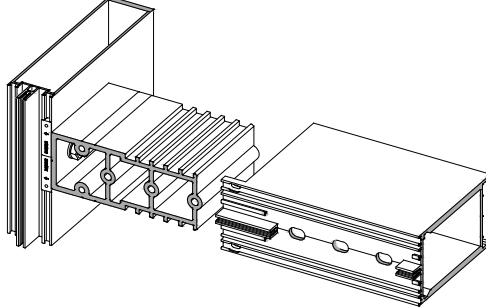
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																																							
<p>Bearing</p> <table border="1"> <tr> <td>AYPC.F50.2904-07</td> <td>11234000</td> <td>0.795</td> <td>10</td> <td>8.3</td> </tr> <tr> <td>AYPC.F50.2904-08</td> <td>11234100</td> <td>0.909</td> <td>10</td> <td>9.5</td> </tr> <tr> <td>AYPC.F50.2904-11</td> <td>11249100</td> <td>0.914</td> <td>10</td> <td>9.6</td> </tr> </table>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	AYPC.F50.2904-07	11234000	0.795	10	8.3	AYPC.F50.2904-08	11234100	0.909	10	9.5	AYPC.F50.2904-11	11249100	0.914	10	9.6	F50	F50 TT	F50 HC	SKL50	●				00					AYPC.F50.0723	<table border="1"> <tr> <td rowspan="6">Bearing length L, mm</td> <td rowspan="2">285</td> <td>Mullion profile</td> </tr> <tr> <td>Joining element</td> </tr> <tr> <td rowspan="2">325</td> <td>AYPC.F50.0110</td> </tr> <tr> <td>2xAYPC.F50.0305</td> </tr> <tr> <td rowspan="2">325</td> <td>AYPC.F50.0111</td> </tr> <tr> <td>2xAYPC.F50.0306</td> </tr> <tr> <td></td> <td></td> <td>AYPC.F50.0112</td> </tr> <tr> <td></td> <td></td> <td>AYPC.F50.0312</td> </tr> </table> 	Bearing length L, mm	285	Mullion profile	Joining element	325	AYPC.F50.0110	2xAYPC.F50.0305	325	AYPC.F50.0111	2xAYPC.F50.0306			AYPC.F50.0112			AYPC.F50.0312
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<p>Washer AYPC.F50.2905</p>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td>●</td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●	●	●		00	11229200	0.018	100	2.0	AYPC.F50.0722	<p>Used together with bearings made of AYPC.F50.0723, AYPC.F50.0724, AYPC.150.0306, AYPC.150.0307, AYPC.150.0308, AYPC.150.0309 profiles</p> 																															
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<p>Bearing kit</p> <table border="1"> <tr> <td>AYPC.F50.2907</td> <td>11218000</td> <td>0.886</td> <td>2</td> <td>2.0</td> </tr> <tr> <td>AYPC.F50.2907-01</td> <td>-</td> <td>1.005</td> <td>2</td> <td>2.2</td> </tr> <tr> <td>AYPC.F50.2907-02</td> <td>-</td> <td>1.124</td> <td>2</td> <td>2.5</td> </tr> </table>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td>●</td> <td></td> </tr> </table> <p>Unit - kit</p>	AYPC.F50.2907	11218000	0.886	2	2.0	AYPC.F50.2907-01	-	1.005	2	2.2	AYPC.F50.2907-02	-	1.124	2	2.5	F50	F50 TT	F50 HC	SKL50			●		00	!!! non-standard time of delivery				-	 <p>Kit: steel bearing with zinc coating, spacer support, aluminium bracket made of AYPC.F50.0724 profile, aluminium washer, connecting screws 4,2x16-A2IS014585 - 2 pcs, M10x20-A2IS04017 - 1 pc, washer 10-A2IS07089 - 2 pcs</p>																
AYPC.F50.2907	11218000	0.886	2	2.0																																										
AYPC.F50.2907-01	-	1.005	2	2.2																																										
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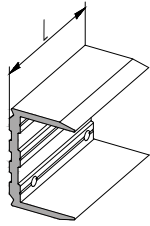
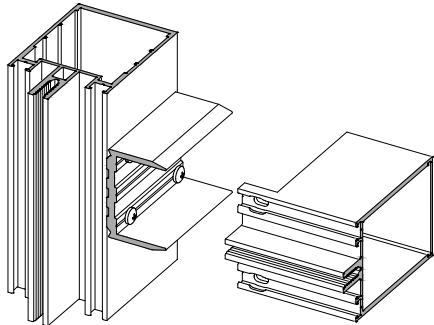
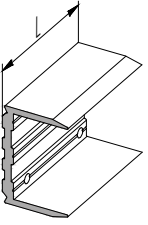



Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application
<p>Bracket AYPC.F50.2914</p> 				00	11249000	0.250	28	7.2	AYPC.F50.0726	<p>Designed for fixing of inclined structures on the metal frame</p> 
F50	F50 TT	F50 HC	SKL50							
●			●							
Unit - pcs										
<p>Bracket AYPC.F50.2921</p> 				00	11263200	0.62	12	7.7	AYPC.F50.0732	<p>Designed for fixing of suspended elements on the facades</p> 
F50	F50 TT	F50 HC	SKL50							
●	●									
Unit - pcs										
<p>Bracket AYPC.F50.2921-01</p> 				00	11263300	0.31	24	7.7	AYPC.F50.0732	<p>Designed for fixing of suspended elements on the facades</p> 
F50	F50 TT	F50 HC	SKL50							
●	●									
Unit - pcs										
<p>Joining element AYPC.F50.2922</p> 				00	11263400	0.20	36	7.5	AYPC.F50.0733	<p>Installed into the reinforcing mullion profiles, and designed for fixing of suspended elements both from inside and outside of the facade</p> 
F50	F50 TT	F50 HC	SKL50							
●	●									
Unit - pcs										



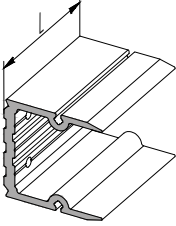
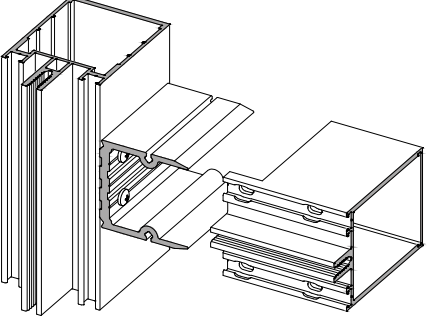
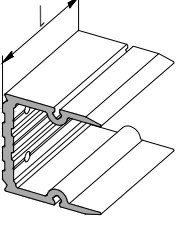
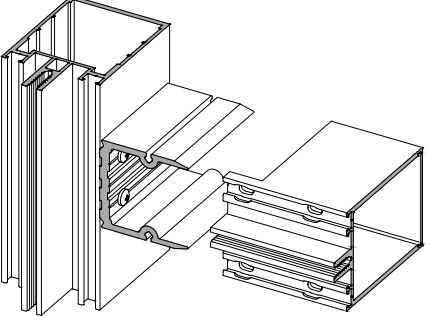
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
<p>Joining element AYPC.F50.2922-01</p> 	00	11263500	0.10	72	7.5	AYPC.F50.0733	<p>Installed into the reinforcing mullion profiles, and designed for fixing of suspended elements both from inside and outside of the facade</p> 								
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F50	F50 TT	F50 HC	SKL50												
●	●														
<p>Bracket AYPC.F50.2923</p> 	00	11265300	0.23	28	6.7	AYPC.F50.0734	<p>Installed into the mullion profiles, and designed for fixing of suspended elements from inside of the facade</p> 								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●										
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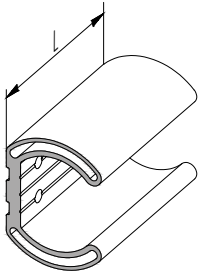
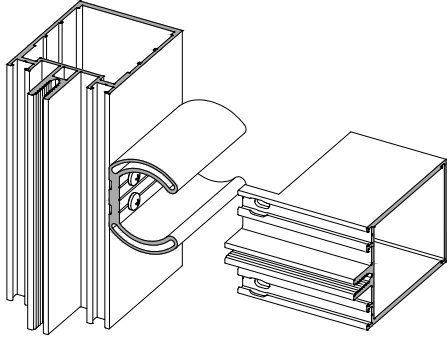
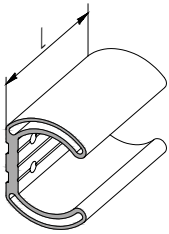

Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application
Suspension element AYPC.F50.2924 				00	11239400	0.02	10	0.2	-	Used to prevent collapse of mullion profiles when tightening bolts 
F50	F50 TT	F50 HC	SKL50							
●										
Unit - pcs										Kit: bush and two locking rings for fixing
Adjusting mechanism AYPC.F50.2925 				00	11239500	0.425	10	4.5	-	Used to ensure vertical adjustments 
F50	F50 TT	F50 HC	SKL50							
●										
Unit - pcs										Kit: - aluminium thread detail; - M12x90-A2ISO4017 bolt - 1 pc; - M8x25-A2DIN7991 screw - 2 pcs; - 12-A2ISO7089 washer - 1pcs; - M8x18.5-A2 thread rivet - 2 pcs;

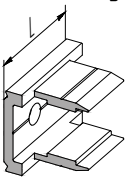
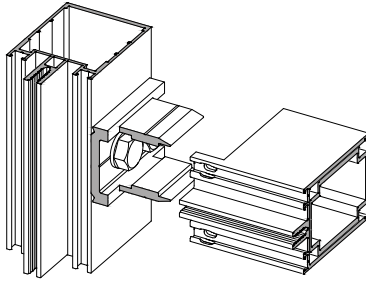
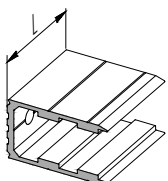


Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																						
Joining element AYPC.F50.9941 	00	11249600	0.042	100	4.3	-	<table border="1"> <tr><td>AYPC.F50.0204</td><td>AYPC.F50.0211</td></tr> <tr><td>AYPC.F50.0214</td><td>AYPC.F50.0218</td></tr> <tr><td>AYPC.F50.0205</td><td>AYPC.F50.0219</td></tr> <tr><td>AYPC.F50.0206</td><td>AYPC.F50.0220</td></tr> <tr><td>AYPC.F50.0207</td><td>AYPC.F50.0221</td></tr> <tr><td>AYPC.F50.0248</td><td>AYPC.F50.0232</td></tr> <tr><td>AYPC.F50.0208</td><td>AYPC.F50.0233</td></tr> <tr><td>AYPC.F50.0249</td><td>AYPC.F50.0234</td></tr> <tr><td>AYPC.F50.0209</td><td>AYPC.F50.0235</td></tr> <tr><td>AYPC.F50.0210</td><td>AYPC.F50.0236</td></tr> </table>	AYPC.F50.0204	AYPC.F50.0211	AYPC.F50.0214	AYPC.F50.0218	AYPC.F50.0205	AYPC.F50.0219	AYPC.F50.0206	AYPC.F50.0220	AYPC.F50.0207	AYPC.F50.0221	AYPC.F50.0248	AYPC.F50.0232	AYPC.F50.0208	AYPC.F50.0233	AYPC.F50.0249	AYPC.F50.0234	AYPC.F50.0209	AYPC.F50.0235	AYPC.F50.0210	AYPC.F50.0236		
							AYPC.F50.0204	AYPC.F50.0211																					
AYPC.F50.0214	AYPC.F50.0218																												
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AYPC.F50.0206	AYPC.F50.0220																												
AYPC.F50.0207	AYPC.F50.0221																												
AYPC.F50.0248	AYPC.F50.0232																												
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AYPC.F50.0209	AYPC.F50.0235																												
AYPC.F50.0210	AYPC.F50.0236																												
<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> <tr><td colspan="4">Unit - pcs</td></tr> </table>	F50	F50 TT	F50 HC	SKL50	●				Unit - pcs				 <p>Kit: aluminium detail assembled, M6x20-A2IS04027 adjusting screws - 2 pcs</p>																
F50	F50 TT	F50 HC	SKL50																										
●																													
Unit - pcs																													
Joining element <table border="1"> <tr><td>AYPC.F50.9946</td><td>00</td><td>11293200</td><td>1.08</td><td>12</td><td>13.3</td></tr> <tr><td>AYPC.F50.9946-01</td><td>00</td><td>11293300</td><td>1.08</td><td>12</td><td>13.3</td></tr> </table>	AYPC.F50.9946	00	11293200	1.08	12	13.3	AYPC.F50.9946-01	00	11293300	1.08	12	13.3						AYPC.F50.0421	<table border="1"> <tr><td>AYPC.F50.0106</td><td>AYPC.F50.0111</td></tr> <tr><td>AYPC.F50.0107</td><td>AYPC.F50.0117</td></tr> <tr><td>AYPC.F50.0108</td><td>AYPC.F50.0118</td></tr> <tr><td>AYPC.F50.0110</td><td>AYPC.F50.0120</td></tr> <tr><td>AYPC.F50.0112</td><td></td></tr> </table>	AYPC.F50.0106	AYPC.F50.0111	AYPC.F50.0107	AYPC.F50.0117	AYPC.F50.0108	AYPC.F50.0118	AYPC.F50.0110	AYPC.F50.0120	AYPC.F50.0112	
	AYPC.F50.9946	00	11293200	1.08	12	13.3																							
AYPC.F50.9946-01	00	11293300	1.08	12	13.3																								
AYPC.F50.0106	AYPC.F50.0111																												
AYPC.F50.0107	AYPC.F50.0117																												
AYPC.F50.0108	AYPC.F50.0118																												
AYPC.F50.0110	AYPC.F50.0120																												
AYPC.F50.0112																													
	<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> <tr><td colspan="4">Unit - pcs</td></tr> </table>	F50	F50 TT	F50 HC	SKL50	●				Unit - pcs				<p>For mullion profile</p> <table border="1"> <tr><td>AYPC.F50.0106</td><td>AYPC.F50.0111</td></tr> <tr><td>AYPC.F50.0107</td><td>AYPC.F50.0117</td></tr> <tr><td>AYPC.F50.0108</td><td>AYPC.F50.0118</td></tr> <tr><td>AYPC.F50.0110</td><td>AYPC.F50.0120</td></tr> <tr><td>AYPC.F50.0112</td><td></td></tr> </table> <p>For transom profile</p> <table border="1"> <tr><td>AYPC.F50.0253</td></tr> </table>	AYPC.F50.0106	AYPC.F50.0111	AYPC.F50.0107	AYPC.F50.0117	AYPC.F50.0108	AYPC.F50.0118	AYPC.F50.0110	AYPC.F50.0120	AYPC.F50.0112		AYPC.F50.0253				
F50	F50 TT	F50 HC	SKL50																										
●																													
Unit - pcs																													
AYPC.F50.0106	AYPC.F50.0111																												
AYPC.F50.0107	AYPC.F50.0117																												
AYPC.F50.0108	AYPC.F50.0118																												
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AYPC.F50.0112																													
AYPC.F50.0253																													

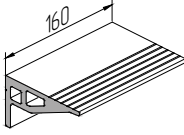
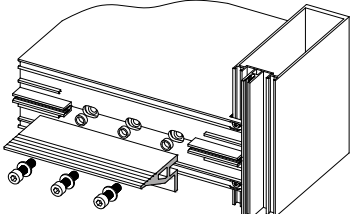
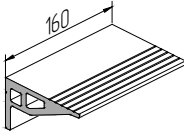
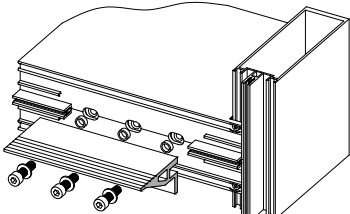
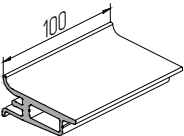
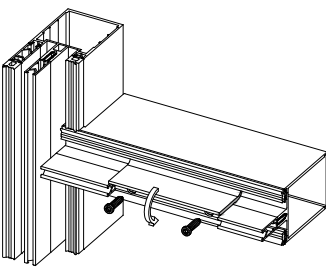
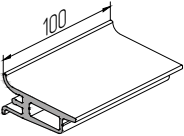
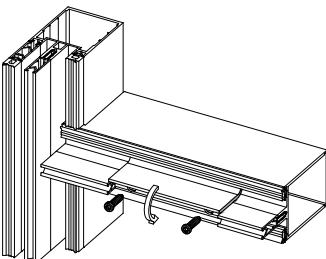
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application									
Joining element							Used when joining mullions with AYPC.F50.0254 transom									
AYPC.F50.9947	00	11293800	137	8	11.3	AYPC.F50.0421	<table border="1"> <tr> <td>AYPC.F50.0107</td> <td rowspan="6">For transom profile AYPC.F50.0254</td> </tr> <tr> <td>AYPC.F50.0108</td> </tr> <tr> <td>AYPC.F50.0110</td> </tr> <tr> <td>AYPC.F50.0111</td> </tr> <tr> <td>AYPC.F50.0118</td> </tr> <tr> <td>AYPC.F50.0120</td> </tr> <tr> <td>AYPC.F50.0112</td> <td>For mullion profile</td> </tr> </table>	AYPC.F50.0107	For transom profile AYPC.F50.0254	AYPC.F50.0108	AYPC.F50.0110	AYPC.F50.0111	AYPC.F50.0118	AYPC.F50.0120	AYPC.F50.0112	For mullion profile
AYPC.F50.0107	For transom profile AYPC.F50.0254															
AYPC.F50.0108																
AYPC.F50.0110																
AYPC.F50.0111																
AYPC.F50.0118																
AYPC.F50.0120																
AYPC.F50.0112	For mullion profile															
AYPC.F50.9947-01	00	11293900	137	8	11.3											
																
F50	F50 TT	F50 HC	SKL50													
●																
Unit - pcs																
Joining element							Used when joining mullions with AYPC.F50.0251 transom									
AYPC.F50.9948	00	11247300	167	8	14.1	AYPC.F50.0421	<table border="1"> <tr> <td>AYPC.F50.0108</td> <td rowspan="6">For transom profile AYPC.F50.0251</td> </tr> <tr> <td>AYPC.F50.0110</td> </tr> <tr> <td>AYPC.F50.0111</td> </tr> <tr> <td>AYPC.F50.0120</td> </tr> <tr> <td>AYPC.F50.0112</td> <td>For mullion profile</td> </tr> <tr> <td></td> <td></td> </tr> </table>	AYPC.F50.0108	For transom profile AYPC.F50.0251	AYPC.F50.0110	AYPC.F50.0111	AYPC.F50.0120	AYPC.F50.0112	For mullion profile		
AYPC.F50.0108	For transom profile AYPC.F50.0251															
AYPC.F50.0110																
AYPC.F50.0111																
AYPC.F50.0120																
AYPC.F50.0112		For mullion profile														
AYPC.F50.9948-01	00	11249900	167	8	14.1											
																
F50	F50 TT	F50 HC	SKL50													
●																
Unit - pcs																

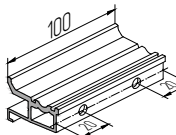
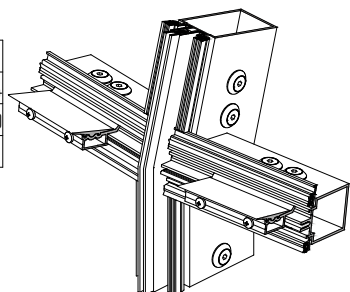
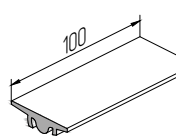
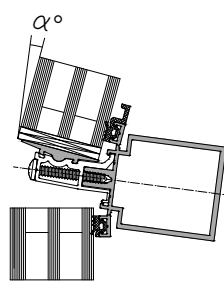
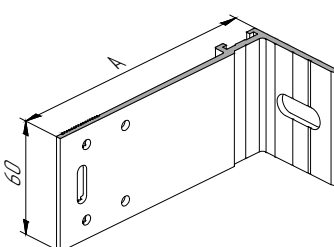
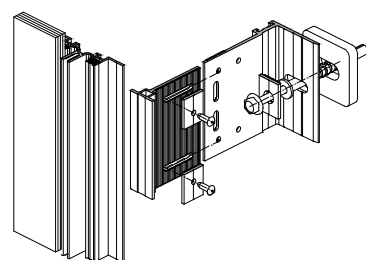
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application									
Joining element AYPC.F50.9950 AYPC.F50.9950-09	00	11242500	0.013	100	15	AYPC.F50.04-05	Length L, mm 16 For transom profile	together with end plug 								
		11243400	0.158	40	6.6			AYPC.F50.0203 AYPC.F50.0211 AYPC.F50.0221	AYPC.F50.0204							
																
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table>	F50	F50 TT	F50 HC	SKL50	●											
F50	F50 TT	F50 HC	SKL50													
●																
Unit - pcs																
Joining element 	00	AYPC.F50.9950-01	11242600	0.028	40	1.2	AYPC.F50.04-05	Length L, mm For transom profile	together with end plug 							
		AYPC.F50.9950-02	11242700	0.036	30	1.2			36	AYPC.F50.0204 AYPC.F50.3203	AYPC.F50.0214					
		AYPC.F50.9950-03	11242800	0.046	80	3.9			45	AYPC.F50.0214 AYPC.F50.3204	AYPC.F50.0205					
		AYPC.F50.9950-04	11242900	0.061	70	4.5			58	AYPC.F50.0205 AYPC.F50.3205	AYPC.F50.0206					
		AYPC.F50.9950-05	11243000	0.077	48	3.9			76	AYPC.F50.0206 AYPC.F50.3206	AYPC.F50.0207					
		AYPC.F50.9950-06	11243100	0.093	40	3.9			96	AYPC.F50.0207 AYPC.F50.0248* AYPC.F50.3207	AYPC.F50.0248 AYPC.F50.0208					
		AYPC.F50.9950-07	11243200	0.109	40	4.6			116	AYPC.F50.0208 AYPC.F50.0249* AYPC.F50.3208	AYPC.F50.0249 AYPC.F50.0218 AYPC.F50.0209					
		AYPC.F50.9950-08	11243300	0.133	44	6.1			136	AYPC.F50.0209 AYPC.F50.3209	AYPC.F50.0210 AYPC.F50.0219					
		AYPC.F50.9950-10	11243500	0.121	32	4.1			166	AYPC.F50.0210 AYPC.F50.3211	AYPC.F50.0211 AYPC.F50.0221					
		AYPC.F50.9950-11	11243600	0.145	44	6.6			151	AYPC.F50.0218 AYPC.F50.3210						
										181	AYPC.F50.0219 AYPC.F50.3212					
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F50	F50 TT	F50 HC	SKL50													
●	●															
Unit - pcs																
							 For AYPC.F50.0220 transom: a combination of AYPC.F50.9950-07 and AYPC.F50.9950-06 joining elements is used (with end plug type AYPC.F50.0921), AYPC.F50.9950-07 and AYPC.F50.9950-05 (with end plug type AYPC.F50.9921), see section Assemblage and installation * end plug type AYPC.F50.0921 is not applied									

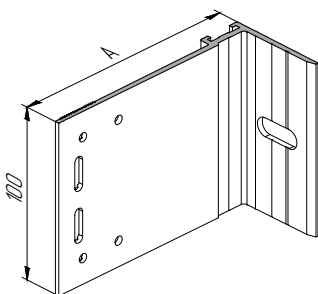
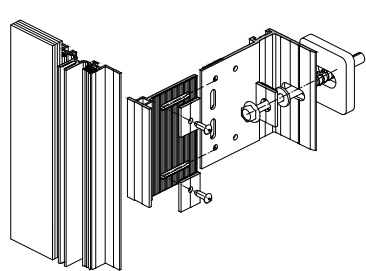
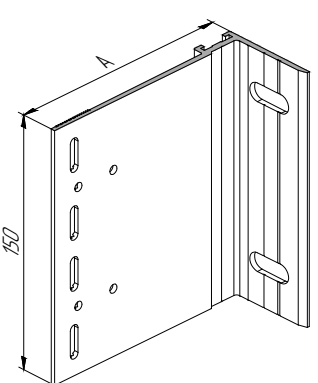
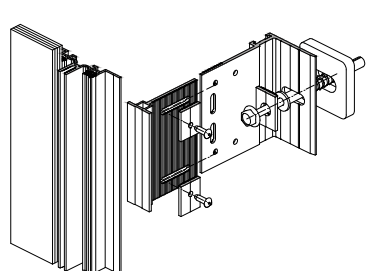
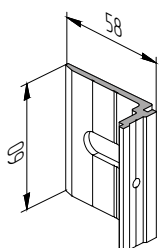
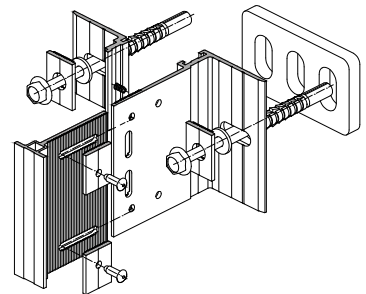
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application					
Joining element				00					AYPC.F50.0413	Length L, mm	together with end plug				
					AYPC.F50.9951	11243700	0.019	60			1.1	16			
				00					AYPC.F50.0413	Length L, mm	For transom profile	AYPC.F50.0203	AYPC.F50.0204		
					AYPC.F50.9951-09	11244600	0.237	32				7.9	196	AYPC.F50.0211	AYPC.F50.0221
F50	F50 TT	F50 HC	SKL50												
●															
Unit - pcs															
Joining element				00					AYPC.F50.0413	Length L, mm	For transom profile	together with end plug			
												36	AYPC.F50.0204	AYPC.F50.0214	
					AYPC.F50.9951-01	11243800	0.043	80					3.7	AYPC.F50.3203	
					AYPC.F50.9951-02	11243900	0.054	50				2.9	45	AYPC.F50.0214	AYPC.F50.0205
					AYPC.F50.9951-03	11244000	0.070	56				4.2		AYPC.F50.3204	
					AYPC.F50.9951-04	11244100	0.092	40				3.9	58	AYPC.F50.0205	AYPC.F50.0206
					AYPC.F50.9951-05	11244200	0.115	32				3.9		AYPC.F50.3205	
					AYPC.F50.9951-06	11244300	0.140	60				8.7	76	AYPC.F50.0206	AYPC.F50.0207
					AYPC.F50.9951-07	11244400	0.164	56				9.4		AYPC.F50.3206	
					AYPC.F50.9951-08	11244500	0.200	40				8.3	96	AYPC.F50.0207	AYPC.F50.0248
					AYPC.F50.9951-09	11244600	0.237	32				7.9		AYPC.F50.0248*	AYPC.F50.0208
					AYPC.F50.9951-10	11244700	0.182	44				8.3	116	AYPC.F50.3207	
				AYPC.F50.9951-11	11244800	0.218	40	9.0	AYPC.F50.0208	AYPC.F50.0249					
								136	AYPC.F50.0249*	AYPC.F50.0218					
										AYPC.F50.3208	AYPC.F50.0209				
									166	AYPC.F50.0209	AYPC.F50.0210				
										AYPC.F50.3209	AYPC.F50.0219				
									151	AYPC.F50.0210	AYPC.F50.0211				
										AYPC.F50.3210	AYPC.F50.0221				
									181	AYPC.F50.0211	AYPC.F50.0221				
										AYPC.F50.0218					
										AYPC.F50.3211					
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				F50	F50 TT	F50 HC	SKL50								
●	●														
Unit - pcs															

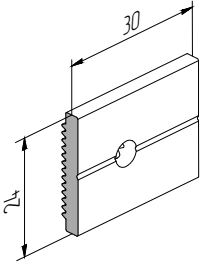
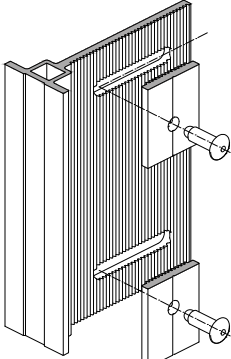
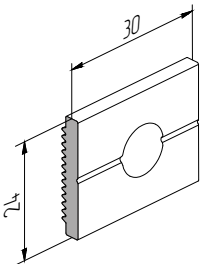
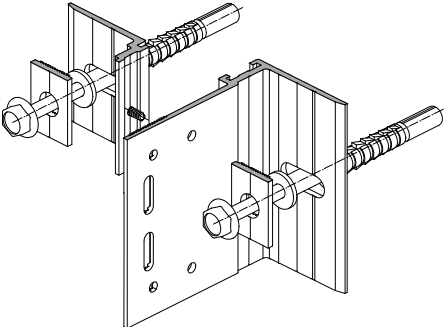
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																																																																										
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AYPC.F50.9952-01	00		11245000	0.031	28	1.2					AYPC.F50.04.15	<table border="1"> <tr> <td rowspan="11">Length L, mm</td> <td rowspan="11">For transom profile</td> <td>36</td> <td>AYPC.F50.0204 AYPC.F50.3203</td> </tr> <tr> <td>45</td> <td>AYPC.F50.0214 AYPC.F50.3204</td> </tr> <tr> <td>58</td> <td>AYPC.F50.0205 AYPC.F50.3205</td> </tr> <tr> <td>76</td> <td>AYPC.F50.0206 AYPC.F50.3206</td> </tr> <tr> <td>96</td> <td>AYPC.F50.0207 AYPC.F50.0248 AYPC.F50.3207</td> </tr> <tr> <td>116</td> <td>AYPC.F50.0208 AYPC.F50.0249 AYPC.F50.3208</td> </tr> <tr> <td>136</td> <td>AYPC.F50.0209 AYPC.F50.3209</td> </tr> <tr> <td>166</td> <td>AYPC.F50.0210 AYPC.F50.3211</td> </tr> <tr> <td>151</td> <td>AYPC.F50.0218 AYPC.F50.3210</td> </tr> <tr> <td>181</td> <td>AYPC.F50.0219 AYPC.F50.3212</td> </tr> </table>	Length L, mm	For transom profile	36	AYPC.F50.0204 AYPC.F50.3203	45	AYPC.F50.0214 AYPC.F50.3204	58	AYPC.F50.0205 AYPC.F50.3205	76	AYPC.F50.0206 AYPC.F50.3206	96	AYPC.F50.0207 AYPC.F50.0248 AYPC.F50.3207	116	AYPC.F50.0208 AYPC.F50.0249 AYPC.F50.3208	136	AYPC.F50.0209 AYPC.F50.3209	166	AYPC.F50.0210 AYPC.F50.3211	151	AYPC.F50.0218 AYPC.F50.3210	181	AYPC.F50.0219 AYPC.F50.3212																																															
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	AYPC.F50.9961-05															
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	11247900	0.230	24	5.8		Infill unit thickness, mm	34-38									
	11247800	0.250	24	6.3			40-44									
	11247700	0.270	24	6.8			46-50									
	11247600	0.280	24	7.0			52-56									
	11247500	0.290	24	7.2			58-62									
	11247400	0.300	24	7.4			64-68									
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F50	F50 TT	F50 HC	SKL50													
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Bearing support  <table border="1"> <tr><td>AYPC.F50.9962-01</td></tr> <tr><td>AYPC.F50.9962</td></tr> </table>	AYPC.F50.9962-01	AYPC.F50.9962	00						AYPC.F50.0852	Used as a bearing support under the glass units on AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254 transoms 						
	AYPC.F50.9962-01															
AYPC.F50.9962																
	16265200	0.340	20	7.0		Infill unit thickness, mm	70-74									
	16265100	0.350	20	7.2				76-80								
<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> </table> Unit - pcs	F50	F50 TT	F50 HC	SKL50	●											
F50	F50 TT	F50 HC	SKL50													
●																
Bearing support  <table border="1"> <tr><td>AYPC.F50.9971</td></tr> <tr><td>AYPC.F50.9972</td></tr> <tr><td>AYPC.F50.9973</td></tr> <tr><td>AYPC.F50.9974</td></tr> <tr><td>AYPC.F50.9975</td></tr> <tr><td>AYPC.F50.9976</td></tr> </table>	AYPC.F50.9971	AYPC.F50.9972	AYPC.F50.9973	AYPC.F50.9974	AYPC.F50.9975	AYPC.F50.9976	00						AYPC.F50.0831	Used as a bearing support under the glass units 		
	AYPC.F50.9971															
	AYPC.F50.9972															
	AYPC.F50.9973															
	AYPC.F50.9974															
	AYPC.F50.9975															
	AYPC.F50.9976															
	11248000	0.070	20	1.6		Infill unit thickness, mm	28-32									
	11248100	0.081	18	1.7			34-38									
	11248200	0.092	16	1.7			40-44									
	11248300	0.103	40	4.3			46-50									
	11248400	0.114	40	4.8			52-56									
	11248500	0.125	40	5.3			58-62									
<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td>●</td><td></td><td></td></tr> </table> Unit - pcs	F50	F50 TT	F50 HC	SKL50	●	●										
F50	F50 TT	F50 HC	SKL50													
●	●															
Bearing support  <table border="1"> <tr><td>AYPC.F50.9977</td></tr> <tr><td>AYPC.F50.9978</td></tr> </table>	AYPC.F50.9977	AYPC.F50.9978	00						AYPC.F50.0862	Used as a bearing support under the glass units 						
	AYPC.F50.9977															
AYPC.F50.9978																
	11261300	0.136	32	4.6		Infill unit thickness, mm	64-68									
	11294400	0.146	32	5.0				70-74								
<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td></td><td></td><td></td></tr> </table> Unit - pcs	F50	F50 TT	F50 HC	SKL50	●											
F50	F50 TT	F50 HC	SKL50													
●																

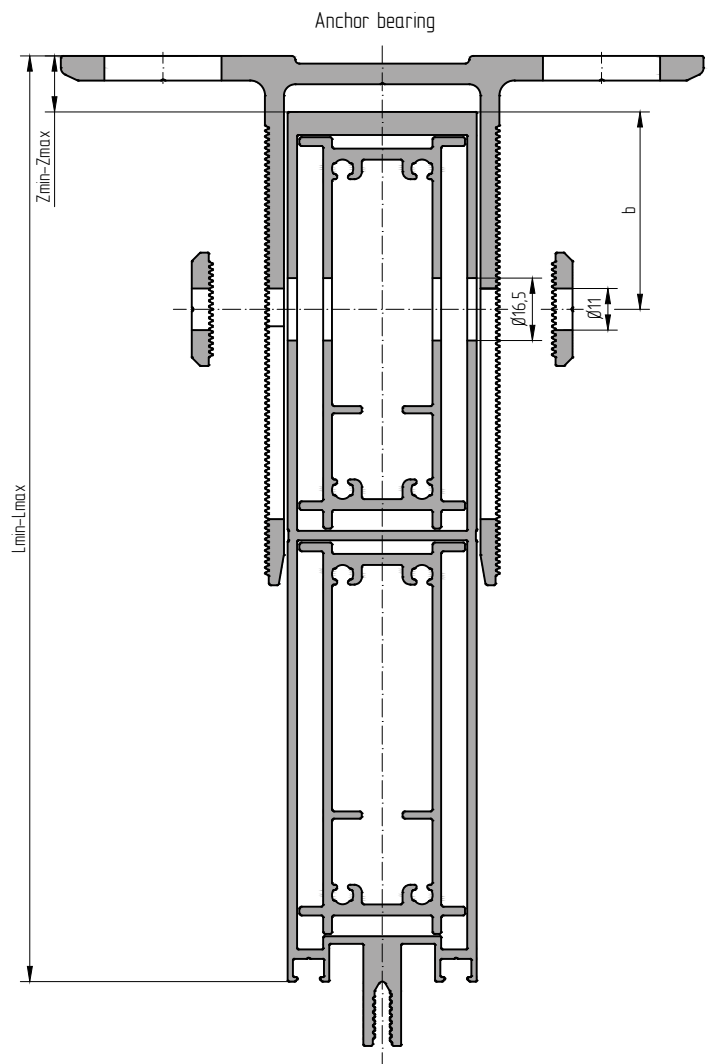
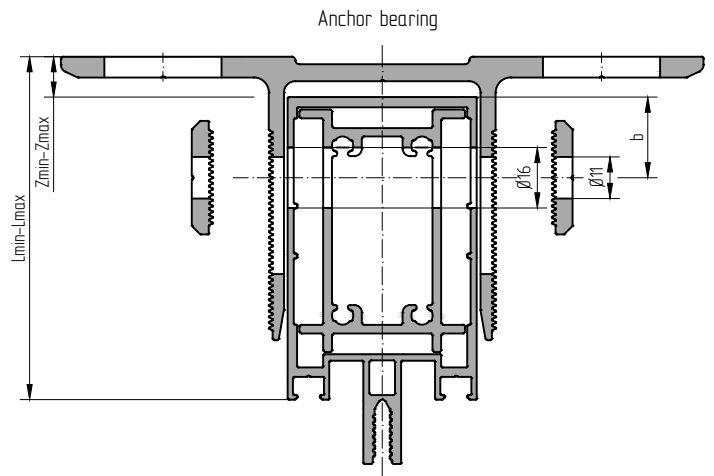
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application																												
<p>Bearing support</p>  <table border="1"> <tr><td>AYPC.SK150.0947</td></tr> <tr><td>AYPC.SK150.0950</td></tr> <tr><td>AYPC.SK150.0953</td></tr> <tr><td>AYPC.SK150.0956</td></tr> </table>	AYPC.SK150.0947	AYPC.SK150.0950	AYPC.SK150.0953	AYPC.SK150.0956	00	11612100	0.064	50	3.5	AYPC.SK150.0807	<p>Used as a bearing support under the glass unit together with rotary supports</p>  <table border="1"> <tr><td>Infill unit thickness, mm</td><td>34-38</td></tr> <tr><td></td><td>40-44</td></tr> <tr><td></td><td>46-50</td></tr> <tr><td></td><td>52-56</td></tr> </table>	Infill unit thickness, mm	34-38		40-44		46-50		52-56																
	AYPC.SK150.0947																																		
	AYPC.SK150.0950																																		
	AYPC.SK150.0953																																		
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Infill unit thickness, mm	34-38																																		
	40-44																																		
	46-50																																		
	52-56																																		
11612400	0.070	50	3.8	AYPC.SK150.0810																															
11612700	0.073	50	4.0	AYPC.SK150.0813																															
11613000	0.077	50	4.2	AYPC.SK150.0816																															
<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td></td><td></td><td></td><td>●</td></tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50				●																											
F50	F50 TT	F50 HC	SKL50																																
			●																																
<p>Bearing support</p>  <table border="1"> <tr><td>AYPC.SK150.0948</td></tr> <tr><td>AYPC.SK150.0949</td></tr> <tr><td>AYPC.SK150.0951</td></tr> <tr><td>AYPC.SK150.0952</td></tr> <tr><td>AYPC.SK150.0954</td></tr> <tr><td>AYPC.SK150.0955</td></tr> <tr><td>AYPC.SK150.0957</td></tr> <tr><td>AYPC.SK150.0958</td></tr> </table>	AYPC.SK150.0948	AYPC.SK150.0949	AYPC.SK150.0951	AYPC.SK150.0952	AYPC.SK150.0954	AYPC.SK150.0955	AYPC.SK150.0957	AYPC.SK150.0958	00	11612200	0.031	50	18	AYPC.SK150.0808	<p>Used as a rotary bearing support under the glass units</p>  <table border="1"> <tr><td rowspan="2">Infill unit thickness, mm</td><td>34-38</td><td>0-7.5</td></tr> <tr><td></td><td>7.5-15</td></tr> <tr><td rowspan="2">Angle α, °</td><td>40-44</td><td>0-7.5</td></tr> <tr><td></td><td>7.5-15</td></tr> <tr><td rowspan="2"></td><td>46-50</td><td>0-7.5</td></tr> <tr><td></td><td>7.5-15</td></tr> <tr><td rowspan="2"></td><td>52-56</td><td>0-7.5</td></tr> <tr><td></td><td>7.5-15</td></tr> </table>	Infill unit thickness, mm	34-38	0-7.5		7.5-15	Angle α , °	40-44	0-7.5		7.5-15		46-50	0-7.5		7.5-15		52-56	0-7.5		7.5-15
	AYPC.SK150.0948																																		
	AYPC.SK150.0949																																		
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	AYPC.SK150.0954																																		
	AYPC.SK150.0955																																		
	AYPC.SK150.0957																																		
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	Infill unit thickness, mm	34-38	0-7.5																																
		7.5-15																																	
Angle α , °	40-44	0-7.5																																	
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		7.5-15																																	
	52-56	0-7.5																																	
		7.5-15																																	
11612300	0.040	50	2.2	AYPC.SK150.0809																															
11612500	0.034	50	1.9	AYPC.SK150.0811																															
11612600	0.050	50	2.7	AYPC.SK150.0812																															
11612800	0.037	50	2.0	AYPC.SK150.0814																															
11612900	0.050	50	2.7	AYPC.SK150.0815																															
11613100	0.040	50	2.2	AYPC.SK150.0817																															
11613200	0.060	32	3.2	AYPC.SK150.0818																															
<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td></td><td></td><td></td><td>●</td></tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50				●																											
F50	F50 TT	F50 HC	SKL50																																
			●																																
<table border="1"> <tr><td>AYPC.150.0701</td></tr> <tr><td>AYPC.150.0701-01</td></tr> <tr><td>AYPC.150.0701-02</td></tr> </table> 	AYPC.150.0701	AYPC.150.0701-01	AYPC.150.0701-02	00	11870100	0.074	220	16.5	AYPC.150.0301	<table border="1"> <tr><td>Length A, mm</td><td>95</td></tr> <tr><td></td><td>135</td></tr> <tr><td></td><td>175</td></tr> </table> 	Length A, mm	95		135		175																			
	AYPC.150.0701																																		
	AYPC.150.0701-01																																		
AYPC.150.0701-02																																			
Length A, mm	95																																		
	135																																		
	175																																		
11870200	0.098	160	15.9	AYPC.150.0302																															
11870300	0.126	132	16.8	AYPC.150.0303																															
<table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td></td><td></td><td></td><td>●</td></tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50				●																											
F50	F50 TT	F50 HC	SKL50																																
			●																																

Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application									
Bracket AYPC.150.0702 AYPC.150.0702-01 AYPC.150.0702-02 	00	11870400	0.125	84	10.5	AYPC.150.0301	 Length A, mm 95 135 175									
		11870500	0.165	72	12.0	AYPC.150.0302										
		11870600	0.212	44	9.6	AYPC.150.0303										
		<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td>●</td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>						F50	F50 TT	F50 HC	SKL50			●		Unit - pcs
F50	F50 TT	F50 HC	SKL50													
		●														
Unit - pcs																
Bracket AYPC.150.0703 AYPC.150.0703-01 AYPC.150.0703-02 	00	11870700	0.185	120	22.6	AYPC.150.0301	 Length A, mm 95 135 175									
		11870800	0.246	102	25.3	AYPC.150.0302										
		11870900	0.317	80	25.6	AYPC.150.0303										
		<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td>●</td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>						F50	F50 TT	F50 HC	SKL50			●		Unit - pcs
F50	F50 TT	F50 HC	SKL50													
		●														
Unit - pcs																
Bracket AYPC.150.0707 	00	11871300	0.04	120	5.0	AYPC.150.0403	Used to increase the bearing capacity of a wall bracket with dowel fastening when a pull-out force is applied to it 									
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td>●</td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>					F50	F50 TT	F50 HC	SKL50			●		Unit - pcs			
F50	F50 TT	F50 HC	SKL50													
		●														
Unit - pcs																

Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application
<p>Washer AYPC.150.0708</p> 				00	11871400	0.007	1200	8.4	AYPC.150.0404	
F50	F50 TT	F50 HC	SKL50							
		●								
Unit - pcs										
<p>Washer AYPC.150.0710</p> 				00	11871600	0.007	1000	7.0	AYPC.150.0404	
F50	F50 TT	F50 HC	SKL50							
		●								
Unit - pcs										

Mullion	Anchor bearing	L		Z		Adjustment	*b-up to the axis of the hole, mm
		min	max	min	max		
AYPC.F50.0102	AYPC.F50.2901	72	95	10	33	23	19.5-33
	AYPC.F50.2901-01	100	120	38	58	20	
	AYPC.F50.2901-02	140	160	78	98	20	
	AYPC.F50.2901-03	180	200	118	138	20	
AYPC.F50.0103	AYPC.F50.2901	90	114	10	34	24	18.5-52
	AYPC.F50.2901-01	100	139	20	59	29	
	AYPC.F50.2901-02	140	179	60	99	39	
	AYPC.F50.2901-03	180	219	100	139	39	
AYPC.F50.0104	AYPC.F50.2901	110	134	10	34	24	18-71
	AYPC.F50.2901-01	110	159	10	59	49	
	AYPC.F50.2901-02	140	199	40	99	49	
	AYPC.F50.2901-03	180	239	80	139	59	
AYPC.F50.0105	AYPC.F50.2901	130	154	10	34	24	18-91.5
	AYPC.F50.2901-01	130	179	10	59	49	
	AYPC.F50.2901-02	140	219	20	99	79	
	AYPC.F50.2901-03	180	259	60	139	79	
AYPC.F50.0106	AYPC.F50.2901	150	174	10	34	24	18-111.5
	AYPC.F50.2901-01	150	199	10	59	49	
	AYPC.F50.2901-02	150	239	10	99	89	
	AYPC.F50.2901-03	180	279	40	139	99	
AYPC.F50.0117	AYPC.F50.2901	165	189	10	34	24	18.5-126.5
	AYPC.F50.2901-01	165	214	10	59	49	
	AYPC.F50.2901-02	165	254	10	99	89	
	AYPC.F50.2901-03	180	294	25	139	114	
AYPC.F50.0107	AYPC.F50.2901	180	204	10	34	24	18.5-141.5
	AYPC.F50.2901-01	180	229	10	59	49	
	AYPC.F50.2901-02	180	269	10	99	89	
	AYPC.F50.2901-03	180	309	10	139	129	
AYPC.F50.0118	AYPC.F50.2901	195	218	10	33	23	18.5-147
	AYPC.F50.2901-01	195	243	10	58	48	
	AYPC.F50.2901-02	195	283	10	98	88	
	AYPC.F50.2901-03	195	323	10	138	128	
AYPC.F50.0108	AYPC.F50.2901	210	229	10	29	19	23-147
	AYPC.F50.2901-01	210	254	10	54	44	
	AYPC.F50.2901-02	210	294	10	94	84	
	AYPC.F50.2901-03	210	334	10	134	124	
AYPC.F50.0120	AYPC.F50.2901	220	227	10	17	7	33-147
	AYPC.F50.2901-01	220	254	10	44	34	
	AYPC.F50.2901-02	220	294	10	84	74	
	AYPC.F50.2901-03	220	334	10	124	114	
AYPC.F50.0110	AYPC.F50.2901	240	261	10	31	21	21-94; 127.5-147.5
	AYPC.F50.2901-01	240	286	10	56	46	
	AYPC.F50.2901-02	240	326	10	96	86	
	AYPC.F50.2901-03	240	366	10	136	126	
AYPC.F50.0111	AYPC.F50.2901	280	301	10	31	21	20.5-114
	AYPC.F50.2901-01	280	326	10	56	46	
	AYPC.F50.2901-02	280	366	10	96	86	
	AYPC.F50.2901-03	280	406	10	136	126	
AYPC.F50.0112	AYPC.F50.2901	-	-	-	-	-	4.3-175
	AYPC.F50.2901-01	280	304	10	34	24	
	AYPC.F50.2901-02	280	344	10	74	64	
	AYPC.F50.2901-03	280	384	10	114	104	
AYPC.F50.0145	AYPC.F50.2901	130	134	10	14	4	38-91
	AYPC.F50.2901-01	130	159	10	39	29	
	AYPC.F50.2901-02	140	199	20	79	59	
	AYPC.F50.2901-03	180	239	60	119	59	
AYPC.F50.0146	AYPC.F50.2901	150	154	10	14	4	40-111
	AYPC.F50.2901-01	150	179	10	39	29	
	AYPC.F50.2901-02	150	219	10	79	69	
	AYPC.F50.2901-03	180	259	40	119	79	

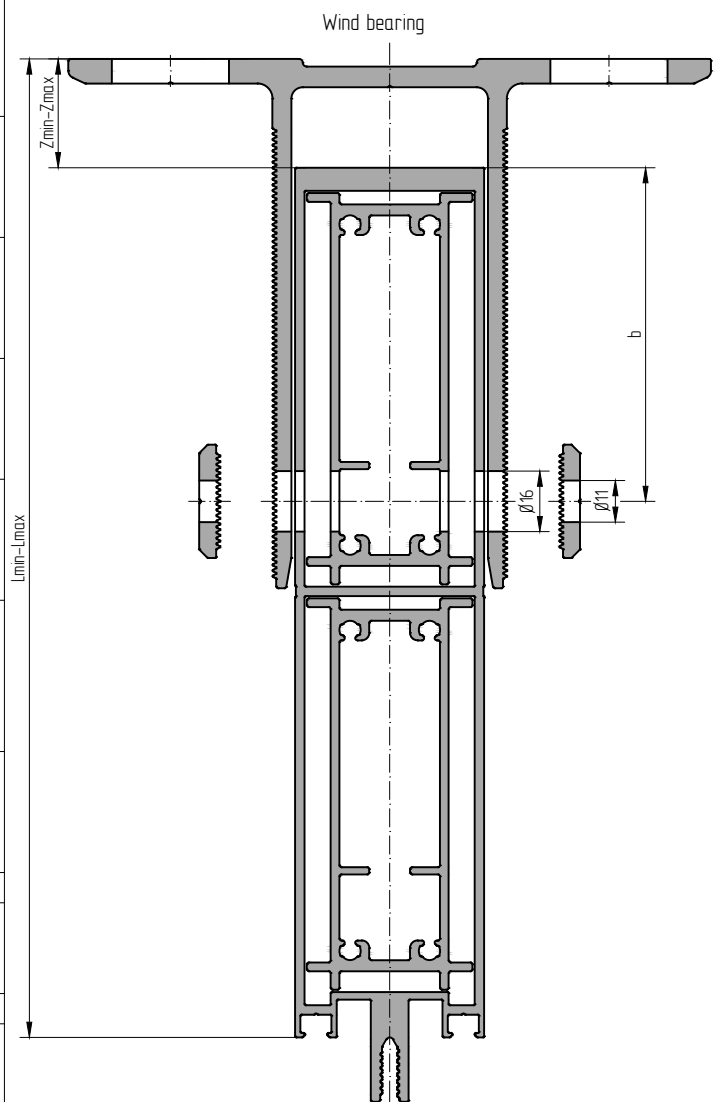
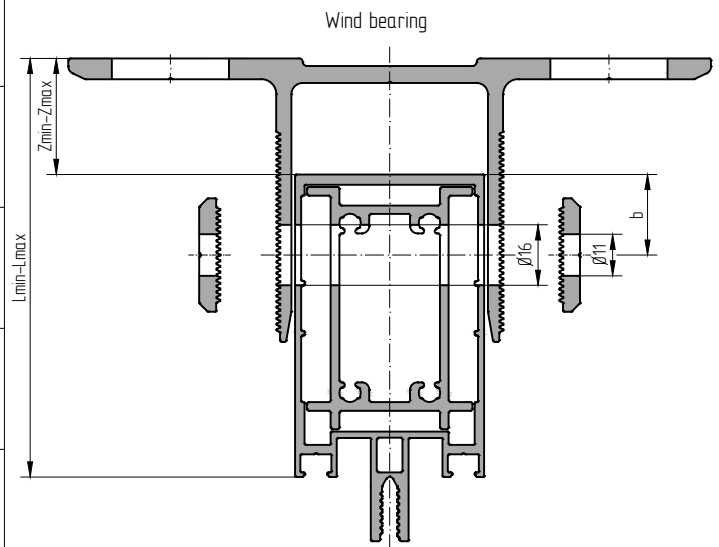
Selection of anchor brackets



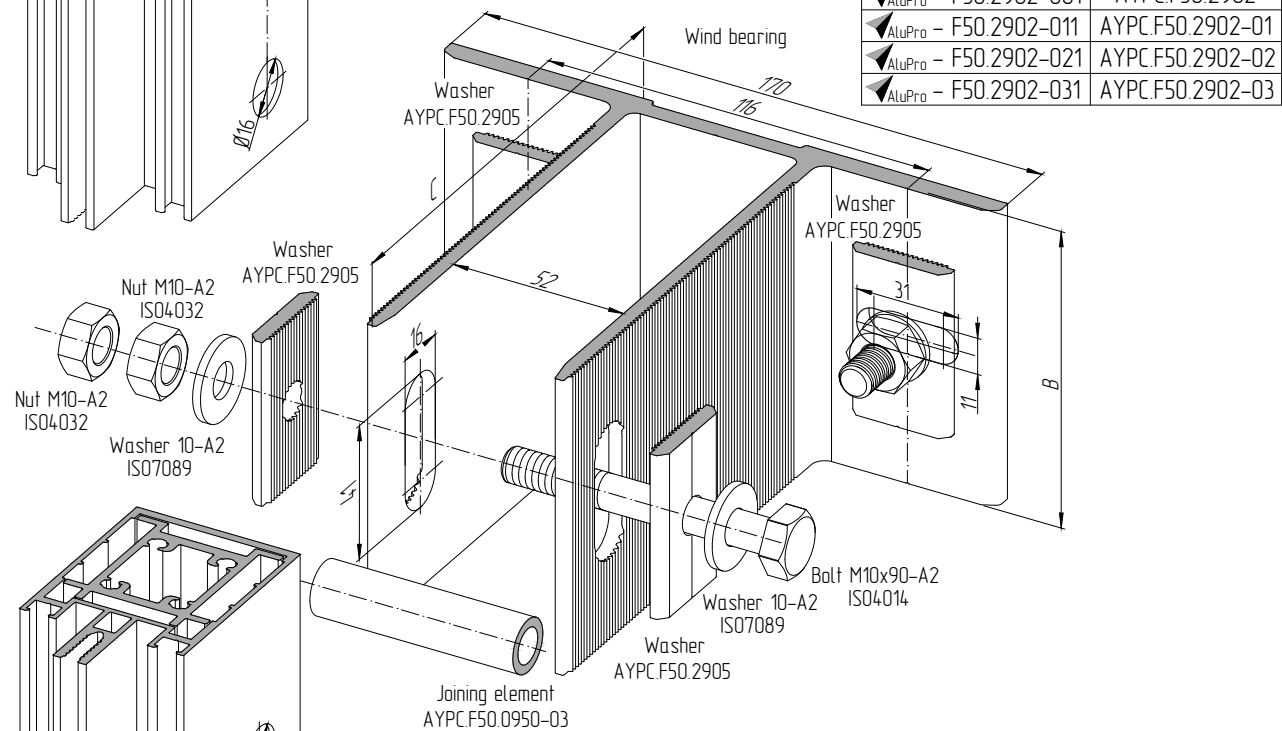
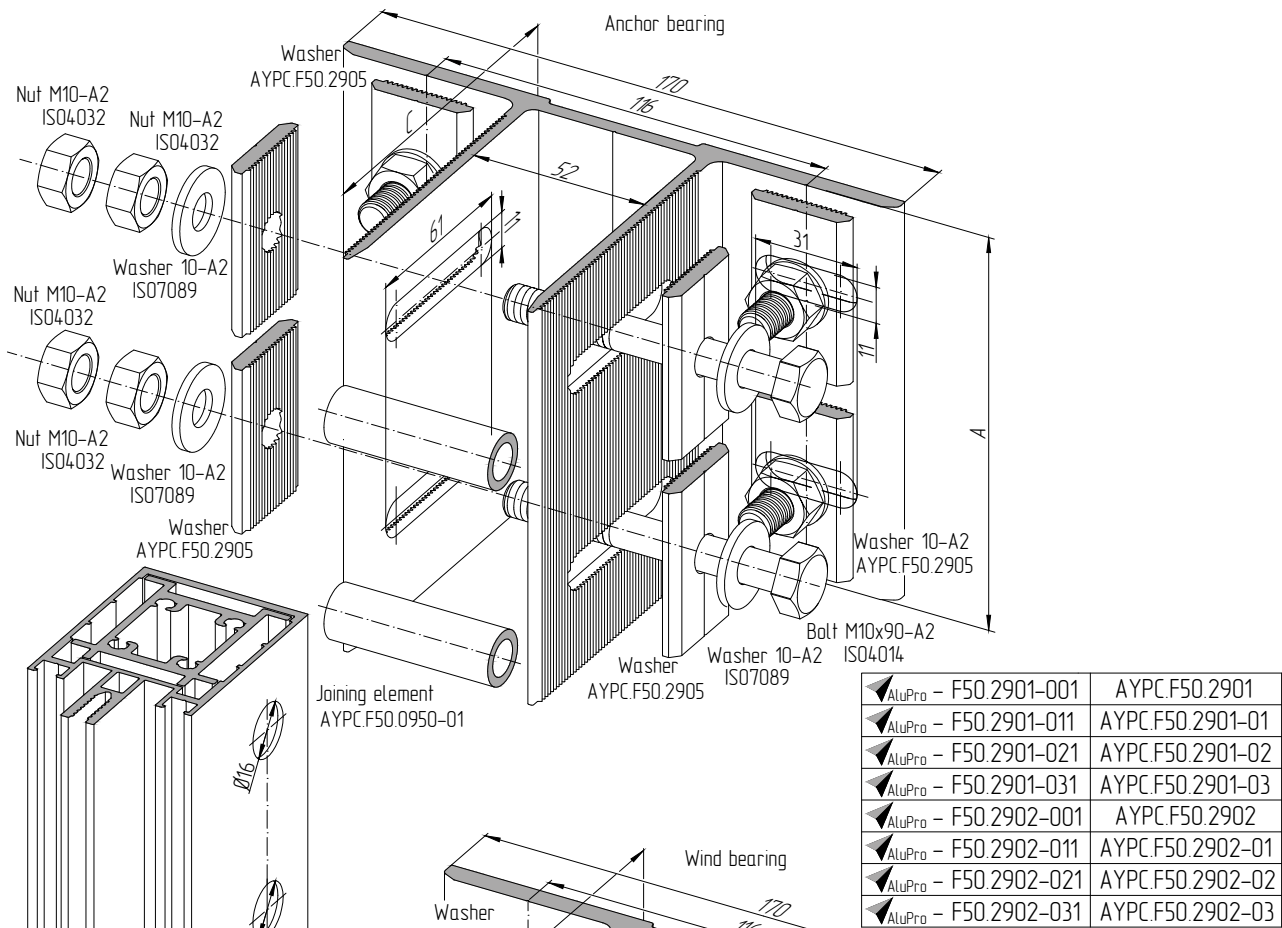
*b - allowed distance from the back plane of the mullion to the drilling axis of the hole

Mullion	Anchor bearing	L		Z		Adjustment	*b-up to the axis of the hole, mm
		min	max	min	max		
AYPC.F50.0102	AYPC.F50.2902	73	86	11	24	13	19.5-33
	AYPC.F50.2902-01	97	111	36	49	13	
	AYPC.F50.2902-02	137	151	76	89	13	
	AYPC.F50.2902-03	177	191	116	129	13	
AYPC.F50.0103	AYPC.F50.2902	90	105	10	25	15	19-52
	AYPC.F50.2902-01	100	130	20	50	30	
	AYPC.F50.2902-02	140	170	60	90	30	
	AYPC.F50.2902-03	180	210	100	130	30	
AYPC.F50.0104	AYPC.F50.2902	110	126	10	26	16	18-71
	AYPC.F50.2902-01	110	151	10	51	41	
	AYPC.F50.2902-02	140	191	40	91	51	
	AYPC.F50.2902-03	180	231	80	131	51	
AYPC.F50.0105	AYPC.F50.2902	130	146	10	26	16	18-91
	AYPC.F50.2902-01	130	171	10	51	41	
	AYPC.F50.2902-02	140	211	20	91	71	
AYPC.F50.0106	AYPC.F50.2902	150	166	10	26	16	18-111
	AYPC.F50.2902-01	150	191	10	51	41	
	AYPC.F50.2902-02	150	231	10	91	81	
	AYPC.F50.2902-03	180	271	40	131	91	
AYPC.F50.0117	AYPC.F50.2902	165	180	10	25	15	18-126
	AYPC.F50.2902-01	165	205	10	50	40	
	AYPC.F50.2902-02	165	245	10	90	40	
	AYPC.F50.2902-03	180	285	25	130	105	
AYPC.F50.0107	AYPC.F50.2902	180	195	10	25	15	18-139
	AYPC.F50.2902-01	180	220	10	50	40	
	AYPC.F50.2902-02	180	260	10	90	80	
AYPC.F50.0118	AYPC.F50.2902	180	300	10	130	120	18-139
	AYPC.F50.2902	195	210	10	25	15	
	AYPC.F50.2902-01	195	235	10	50	40	
	AYPC.F50.2902-02	195	275	10	90	80	
AYPC.F50.0108	AYPC.F50.2902	195	315	10	130	120	22-139
	AYPC.F50.2902	210	221	10	21	11	
	AYPC.F50.2902-01	210	246	10	46	36	
AYPC.F50.0120	AYPC.F50.2902	210	286	10	86	76	33.5-14.7
	AYPC.F50.2902-03	210	326	10	126	116	
	AYPC.F50.2902	220	227	10	17	7	
	AYPC.F50.2902-01	220	254	10	44	34	
AYPC.F50.0110	AYPC.F50.2902-02	220	294	10	84	74	21-94; 128-139
	AYPC.F50.2902-03	220	334	10	124	114	
	AYPC.F50.2902	240	253	10	23	13	
	AYPC.F50.2902-01	240	278	10	48	38	
AYPC.F50.0111	AYPC.F50.2902-02	245	318	15	88	73	21-114
	AYPC.F50.2902-03	240	251	10	21	11	
	AYPC.F50.2902-03	284	358	54	128	74	
	AYPC.F50.2902	280	293	10	23	13	
AYPC.F50.0112	AYPC.F50.2902-01	280	318	10	48	38	4.3-139
	AYPC.F50.2902-02	280	358	10	88	78	
	AYPC.F50.2902-03	305	398	35	128	93	
	AYPC.F50.2902	-	-	-	-	-	
AYPC.F50.0145	AYPC.F50.2902-01	280	296	10	26	16	37-89
	AYPC.F50.2902-02	280	336	10	66	56	
	AYPC.F50.2902-03	280	376	10	106	96	
	AYPC.F50.2902	-	-	-	-	-	
AYPC.F50.0146	AYPC.F50.2902	130	151	10	31	21	37-109
	AYPC.F50.2902-01	140	191	20	71	51	
	AYPC.F50.2902-02	180	231	60	111	51	
AYPC.F50.0146	AYPC.F50.2902	-	-	-	-	-	-
	AYPC.F50.2902-01	150	171	10	31	21	
	AYPC.F50.2902-02	150	211	10	71	61	
AYPC.F50.2902-03	180	251	40	111	71	-	

Selection of wind brackets



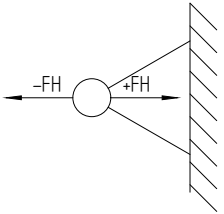
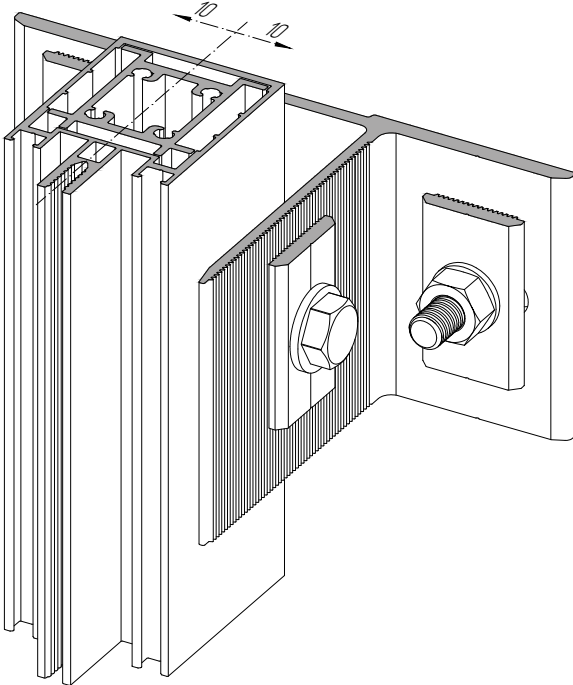
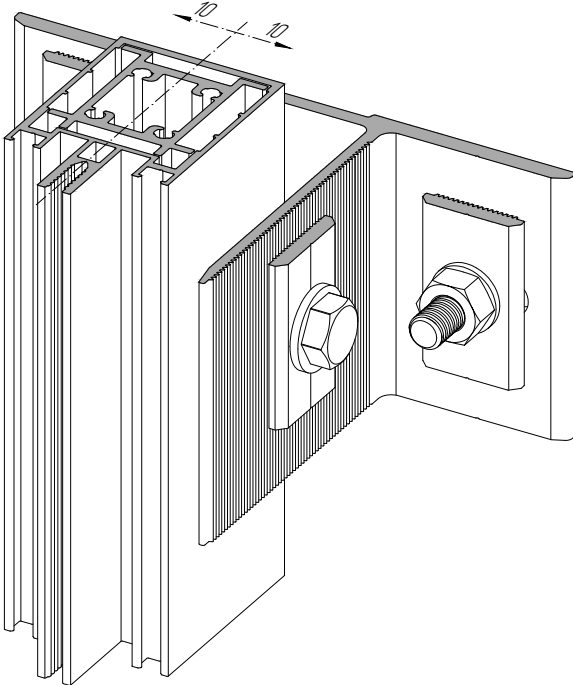
*b - allowed distance from the back plane of the mullion to the drilling axis of the hole




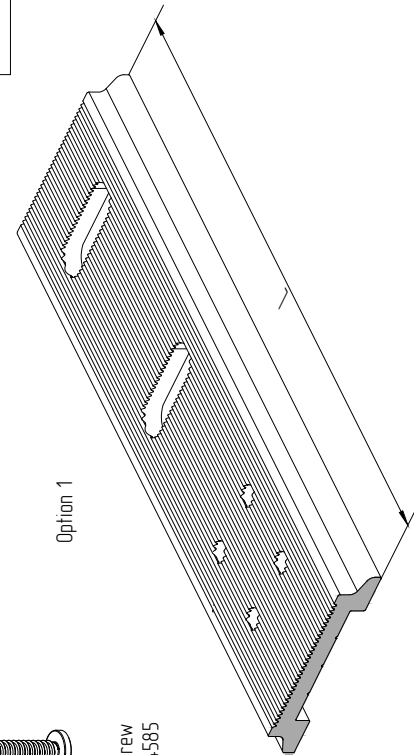
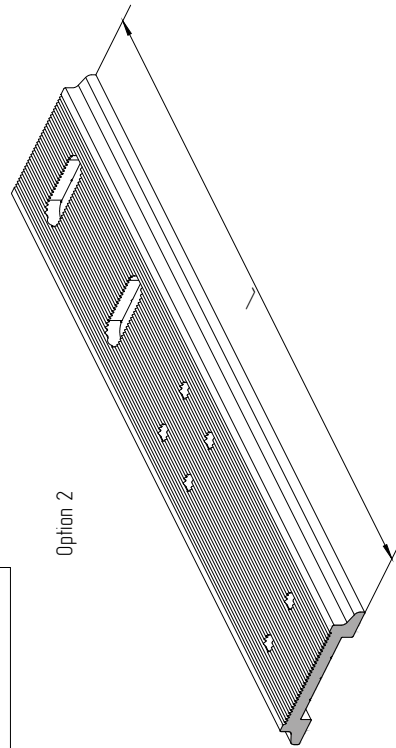
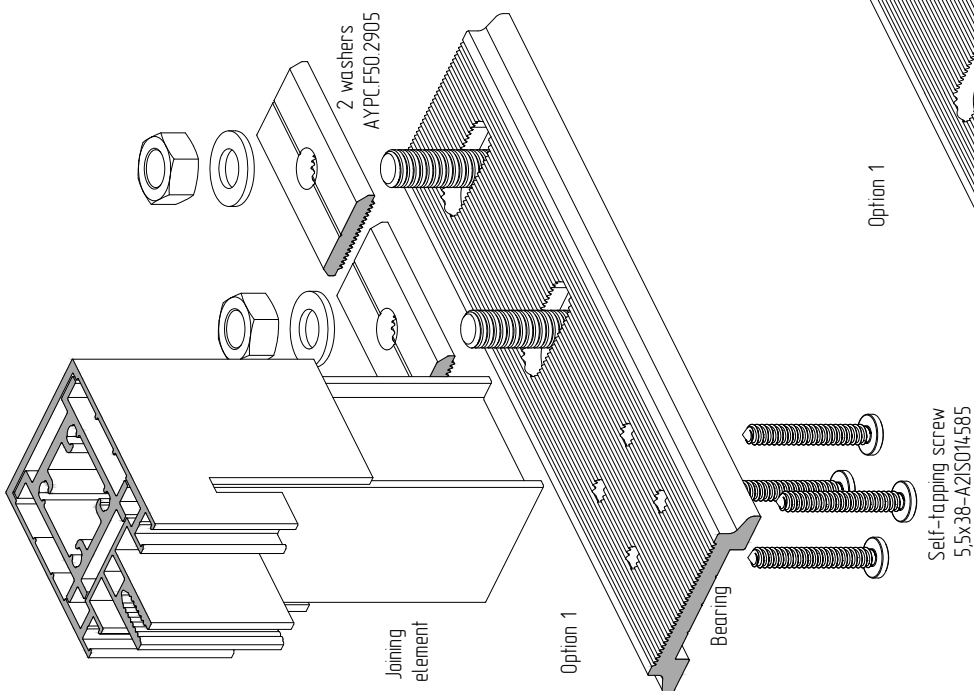
	Article	Initial profile	Dimensions A, mm	Dimensions B, mm	Dimensions C, mm
Anchor bearings	AYPC.F50.2901	AYPC.150.0306	80	-	75
	AYPC.F50.2901-01	AYPC.150.0307	120	-	100
	AYPC.F50.2901-02	AYPC.150.0308	120	-	140
	AYPC.F50.2901-03	AYPC.150.0309	120	-	180
Wind bearings	AYPC.F50.2902	AYPC.150.0306	-	80	75
	AYPC.F50.2902-01	AYPC.150.0307	-	80	100
	AYPC.F50.2902-02	AYPC.150.0308	-	90	140
	AYPC.F50.2902-03	AYPC.150.0309	-	90	180

Article	Code	Quant. pcs	Number in package, pcs	Comple tion	Load			Application		
					wind, kN	static, kN				
AYPC.F50.2901	11228400	1	12	1	FH=+5	FH=-5	FV=5			
AYPC.F50.0950-01	11225700	1	100							
AYPC.F50.2905	11229200	4	100							
Nut M10-A2 ISO4032	18104600	2	100							
Bolt M10x90-A2 ISO4014	18106300	1	100							
Washer 10-A2 ISO7089	18106100	2	100							
AYPC.F50.2901-01	11228500	1	18	2	FH=+5	FH=-5	FV=6			
AYPC.F50.0950-01	11225700	2	100							
AYPC.F50.2905	11229200	8	100							
Nut M10-A2 ISO4032	18104600	4	100							
Bolt M10x90-A2 ISO4014	18106300	2	100							
Washer 10-A2 ISO7089	18106100	4	100							
AYPC.F50.2901-02	11228600	1	12	2	FH=+5	FH=-5	FV=6			
AYPC.F50.0950-01	11225700	2	100							
AYPC.F50.2905	11229200	8	100							
Nut M10-A2 ISO4032	18104600	4	100							
Bolt M10x90-A2 ISO4014	18106300	2	100							
Washer 10-A2 ISO7089	18106100	4	100							
AYPC.F50.2901-03	11231100	1	12	2	FH=+5	FH=-5	FV=6			
AYPC.F50.0950-01	11225700	2	100							
AYPC.F50.2905	11229200	8	100							
Nut M10-A2 ISO4032	18104600	4	100							
Bolt M10x90-A2 ISO4014	18106300	2	100							
Washer 10-A2 ISO7089	18106100	4	100							

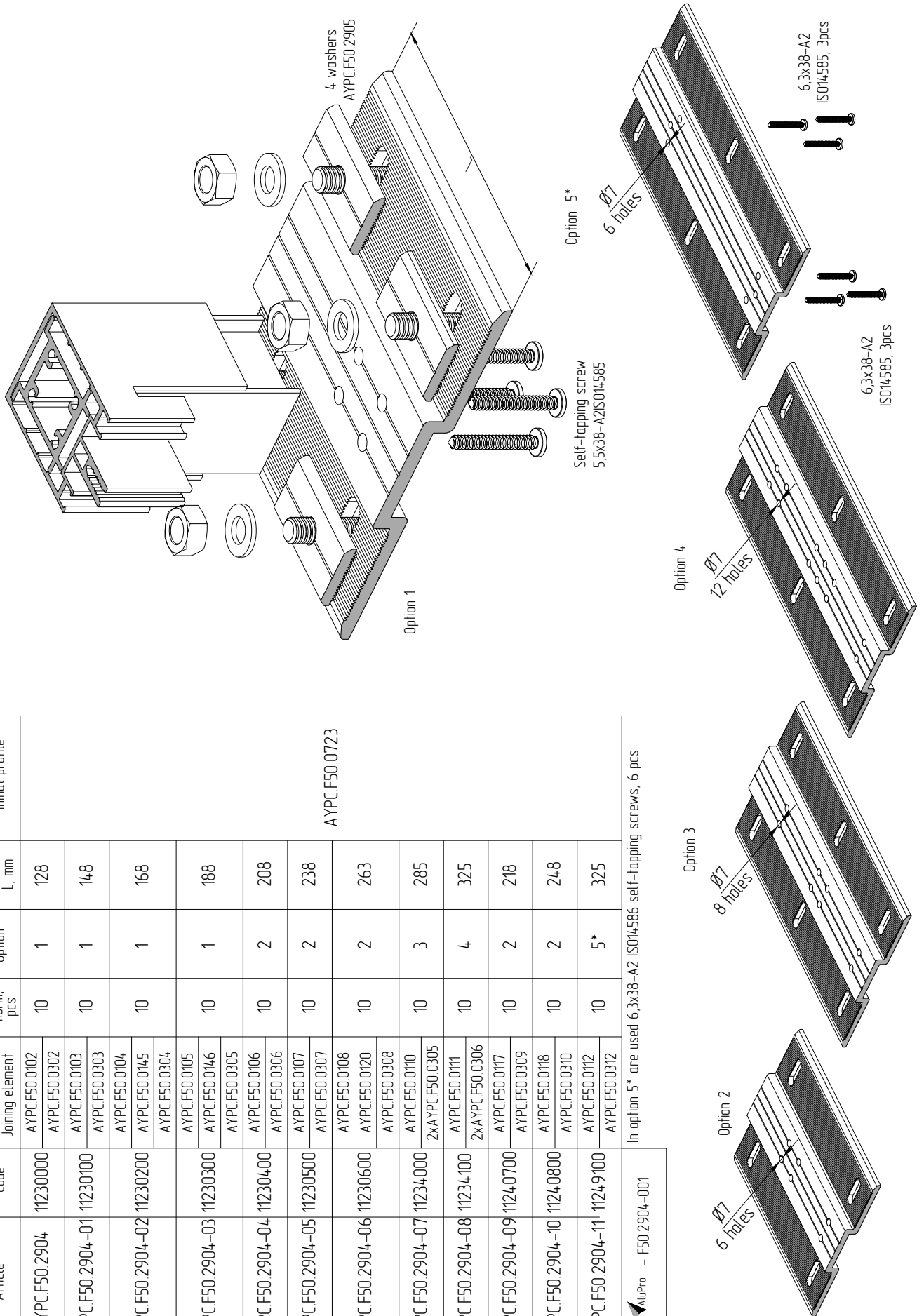
The values of ultimate loads are determined by the criterion of displacement of the extreme point of the bearing by no more than 2 mm. The allowed load on the bearing is given for the case of the maximum offset of the mullion and displacement of the fasteners to the extreme position

Article	Code	Quant. pcs	Number in package, pcs	Load		Application
				wind, kN		
AYPC.F50.2902	11228800	1	12	FH=+5	FH=-5	
AYPC.F50.0950-03	11237400	1	100			
AYPC.F50.2905	11229200	4	100			
Nut M10-A2 ISO4032	18104600	2	100			
Bolt M10x90-A2 ISO4014	18106300	1	100			
Washer 10-A2 ISO7089	18106100	2	100			
AYPC.F50.2902-01	11228900	1	6	FH=+5	FH=-5	
AYPC.F50.0950-03	11237400	1	100			
AYPC.F50.2905	11229200	4	100			
Nut M10-A2 ISO4032	18104600	2	100			
Bolt M10x90-A2 ISO4014	18106300	1	100			
Washer 10-A2 ISO7089	18106100	2	100			
AYPC.F50.2902-02	11229000	1	4	FH=+5	FH=-5	
AYPC.F50.0950-03	11237400	1	100			
AYPC.F50.2905	11229200	4	100			
Nut M10-A2 ISO4032	18104600	2	100			
Bolt M10x90-A2 ISO4014	18106300	1	100			
Washer 10-A2 ISO7089	18106100	2	100			
AYPC.F50.2902-03	11229100	1	6	FH=+5	FH=-5	<p>The values of ultimate loads are determined by the criterion of displacement of the extreme point of the bearing by no more than 2 mm. The allowed load on the bearing is given for the case of the maximum offset of the mullion and displacement of the fasteners to the extreme position. Calculation of fasteners is made separately</p>
AYPC.F50.0950-03	11237400	1	100			
AYPC.F50.2905	11229200	4	100			
Nut M10-A2 ISO4032	18104600	2	100			
Bolt M10x90-A2 ISO4014	18106300	1	100			
Washer 10-A2 ISO7089	18106100	2	100			

Article	Code	Multion-profile Joining element	Package norm pcs	Option	Length L, mm	Initial profile	
AYPC.F50.2903	11229300	AYPC.F50.0102 AYPC.F50.0302	35	1	188	AYPC.F50.0724	
AYPC.F50.2903-01	11229400	AYPC.F50.0103 AYPC.F50.0303	24	1	208		
AYPC.F50.2903-02	11229500	AYPC.F50.0104 AYPC.F50.0304	24	1	228		
AYPC.F50.2903-03	11229600	AYPC.F50.0105 AYPC.F50.0305	24	1	248		
AYPC.F50.2903-04	11229700	AYPC.F50.0106 AYPC.F50.0306	24	2	268		
AYPC.F50.2903-05	11229800	AYPC.F50.0107 AYPC.F50.0307	24	2	298		
AYPC.F50.2903-06	11229900	AYPC.F50.0108 AYPC.F50.0120	24	2	323		
AYPC.F50.2903-07	11240500	AYPC.F50.0308	24	2	283		
AYPC.F50.2903-08	11240600	AYPC.F50.0117 AYPC.F50.0309	24	2	313		
 AluPro - F50.2903-001							

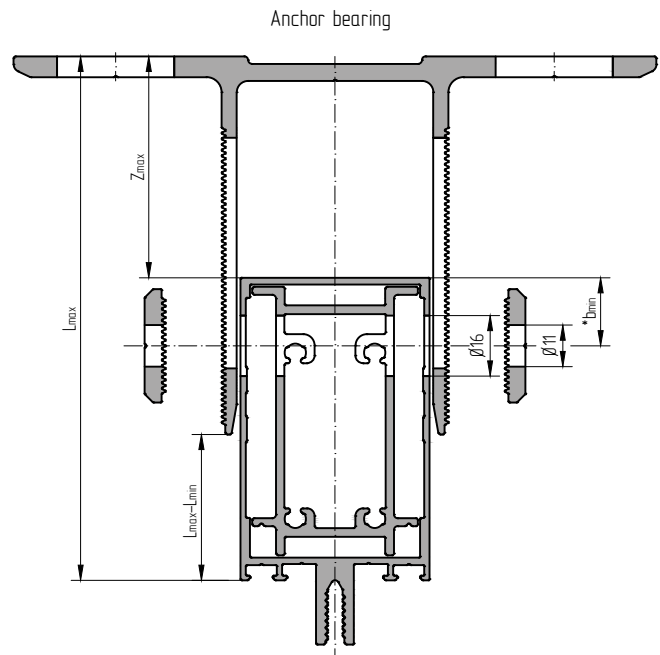
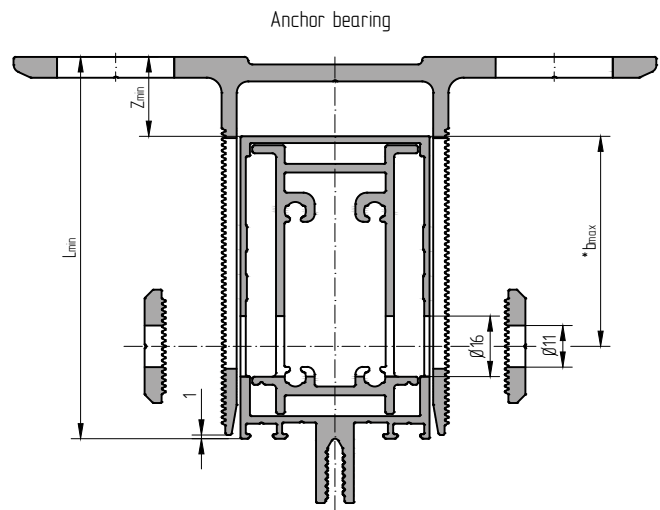
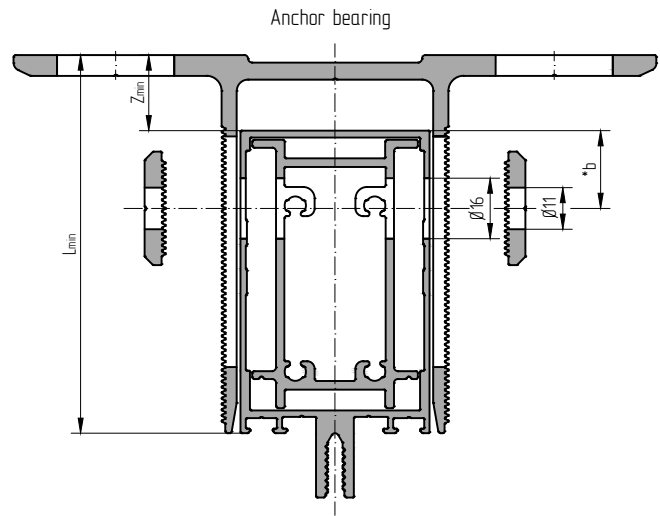


Article	Code	Multion profile Joining element	Package norm, pcs	Option	Length, L, mm	Initial profile	
AYPC.F50.2904	11230000	AYPC.F50.0102 AYPC.F50.0302	10	1	128	AYPC.F50.0723	
AYPC.F50.2904-01	11230100	AYPC.F50.0103 AYPC.F50.0303	10	1	148		
AYPC.F50.2904-02	11230200	AYPC.F50.0104 AYPC.F50.0145 AYPC.F50.0304	10	1	168		
AYPC.F50.2904-03	11230300	AYPC.F50.0105 AYPC.F50.0146 AYPC.F50.0305	10	1	188		
AYPC.F50.2904-04	11230400	AYPC.F50.0106 AYPC.F50.0306	10	2	208		
AYPC.F50.2904-05	11230500	AYPC.F50.0107 AYPC.F50.0307	10	2	238		
AYPC.F50.2904-06	11230600	AYPC.F50.0108 AYPC.F50.0120 AYPC.F50.0308	10	2	263		
AYPC.F50.2904-07	11234000	AYPC.F50.0110 2xAYPC.F50.0305	10	3	285		
AYPC.F50.2904-08	11234100	AYPC.F50.0111 2xAYPC.F50.0306	10	4	325		
AYPC.F50.2904-09	11240700	AYPC.F50.0117 AYPC.F50.0309	10	2	218		
AYPC.F50.2904-10	11240800	AYPC.F50.0118 AYPC.F50.0310	10	2	248		
AYPC.F50.2904-11	11249100	AYPC.F50.0112 AYPC.F50.0312	10	5*	325		
▲ AluPro - F50.2904-001		In option 5* are used 6,3x38-A2 ISO14586 self-tapping screws, 6 pcs					



Selection of anchor brackets for mullion profiles

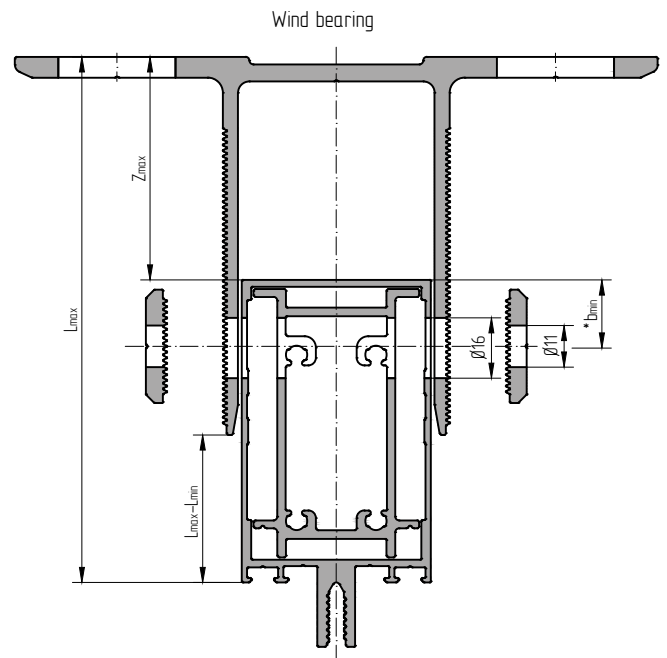
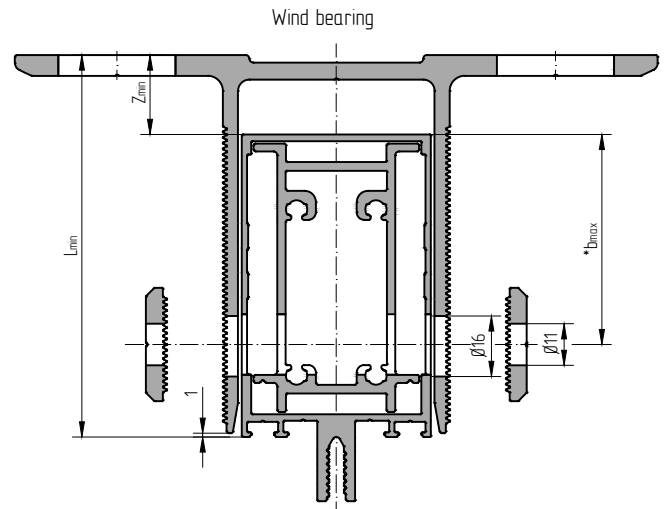
Article Typical size	Front plane offset		Back plane offset		*b-up to the axis of the hole, mm
	L, mm		Z, mm		
AYPC.F50.3102 62	201	180	139	118	17.5-36.5
	161	140	99	78	
	121	100	59	38	
	96	75	34	13	
	21	21	21	21	
AYPC.F50.3103 80	219	180	139	100	17.5-54.5
	179	140	99	60	
	139	100	59	20	
	114	88	34	8	
	26	39	26	39	
AYPC.F50.3104 100	239	180	139	80	17.5-74.5
	199	140	99	40	
	159	108	59	8	
	134	26	34	26	
	51	51	51	51	
AYPC.F50.3105 120	259	180	139	60	17.5-94.5
	219	140	99	20	
	179	128	59	8	
	154	26	34	26	
	51	79	51	79	
AYPC.F50.3106 140	279	180	139	40	17.5-114.5
	239	148	99	8	
	199	26	59	26	
	174	51	34	51	
	91	91	91	91	
AYPC.F50.3107 155	294	180	139	25	17.5-129.5
	254	163	99	8	
	214	180	59	25	
	189	163	34	26	
	26	51	26	51	
AYPC.F50.3108 170	309	180	139	10	17.5-144.5
	269	180	99	10	
	229	26	59	26	
	204	51	34	51	
	178	91	91	91	
AYPC.F50.3109 185	324	180	139		17.5-148.5
	284	26	99		
	244	51	59		
	219	91	34		
	193	131	26		
Anchor bearing	AYPC.F50.2901	AYPC.F50.2901-01	AYPC.F50.2901-02	AYPC.F50.2901-03	Anchor bearing
AluPro-F50.2901	AluPro-F50.2901-01	AluPro-F50.2901-02	AluPro-F50.2901-03		



*b - allowed distance from the back plane of the mullion to the drilling axis of the hole

Selection of wind brackets for mullion profiles

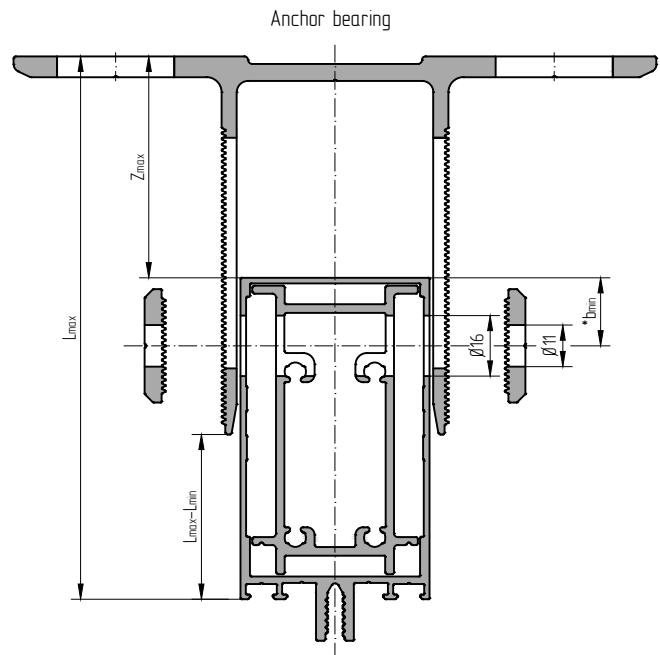
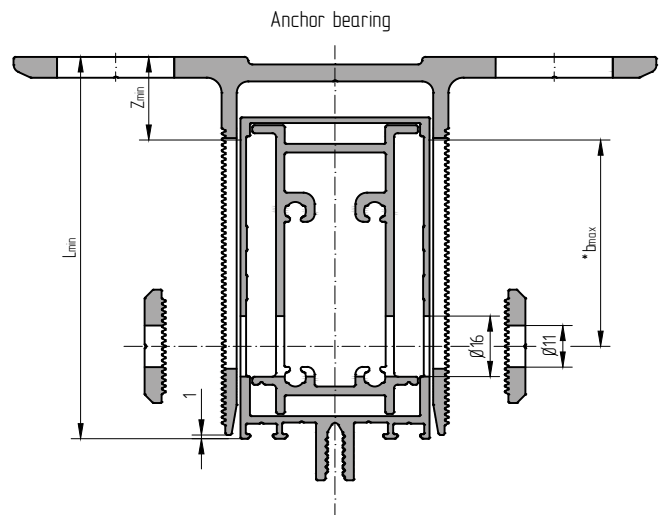
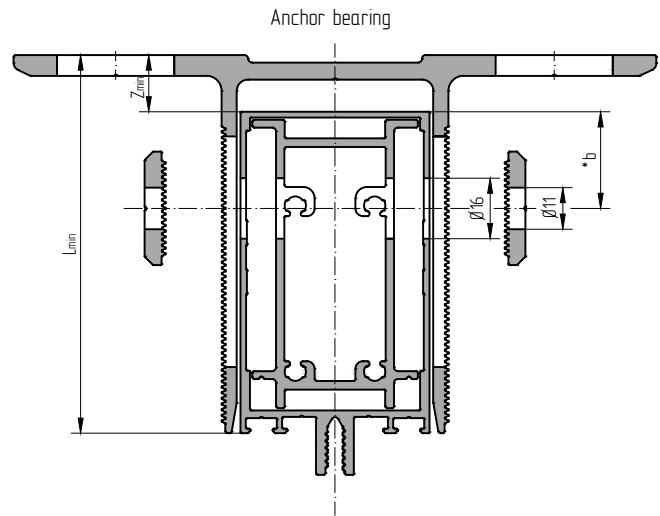
Article Typical size	Front plane offset		Back plane offset		*b-up to the axis of the hole, mm
	L, mm		Z, mm		
AYPC.F50.3102 62	201	182	139	120	17.5-36.5
	161	142	99	80	
AYPC.F50.3103 80	219	182	139	102	17.5-54.5
	179	142	99	62	
AYPC.F50.3104 100	239	182	139	82	17.5-74.5
	199	142	99	42	
AYPC.F50.3105 120	259	182	139	62	17.5-94.5
	219	142	99	22	
AYPC.F50.3106 140	279	182	139	42	17.5-114.5
	239	148	99	8	
AYPC.F50.3107 155	294	182	139	27	17.5-129.5
	254	163	99	8	
AYPC.F50.3108 170	309	182	139	12	17.5-144.5
	269	182	99	8	
AYPC.F50.3109 185	324	182	139		17.5-148.5
	284	182	99		
Wind bearing	AYPC.F50.2902		AYPC.F50.2902		Wind bearing
	AluPro-F50.2902		AluPro-F50.2902		
	AluPro-F50.2902-01		AluPro-F50.2902-01		
	AluPro-F50.2902-02		AluPro-F50.2902-02		
	AluPro-F50.2902-03		AluPro-F50.2902-03		



*b - allowed distance from the back plane of the mullion to the drilling axis of the hole

Selection of wind brackets for transom profiles, used as mullions

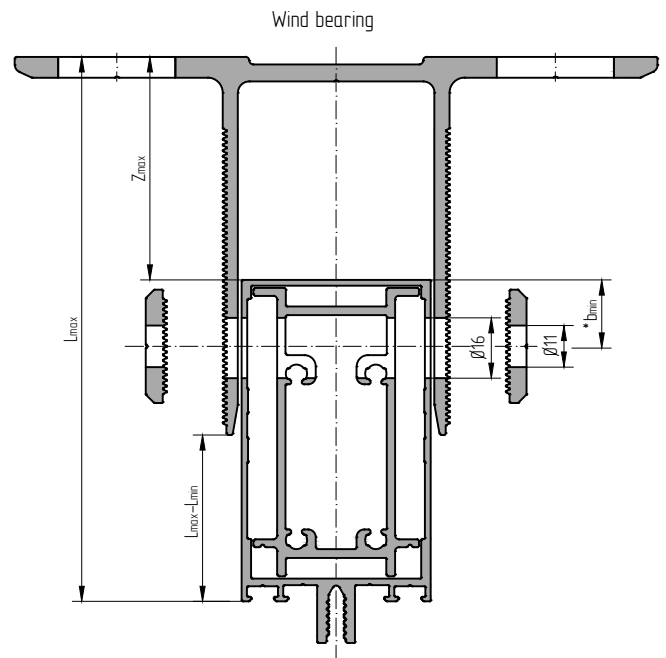
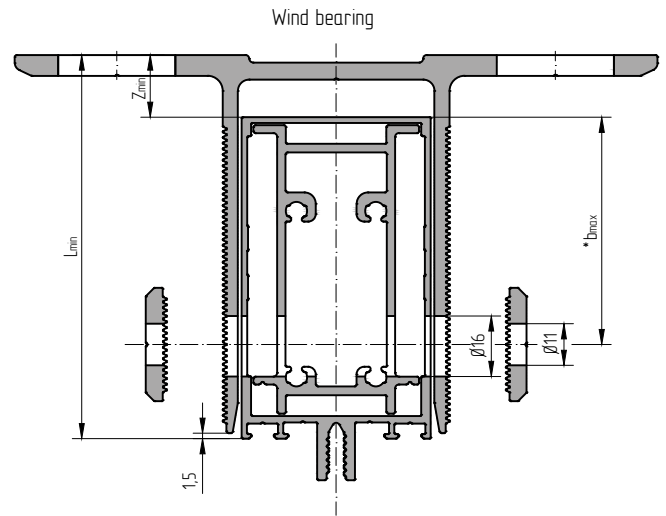
Article	Front plane offset		Back plane offset		*b-up to the axis of the hole, mm
	L, mm		Z, mm		
AYPC.F50.3205 67	206	26	139	26	17.5-41.5
	166	26	99	26	
AYPC.F50.3206 85	224	44	139	44	17.5-59.5
	184	44	99	44	
AYPC.F50.3207 105	244	64	139	64	17.5-79.5
	204	64	99	64	
AYPC.F50.3208 125	264	84	139	84	17.5-99.5
	224	84	99	84	
AYPC.F50.3209 145	284	104	139	104	17.5-119.5
	244	104	99	104	
AYPC.F50.3210 160	299	119	139	119	17.5-134.5
	259	119	99	119	
AYPC.F50.3211 175	314	131	139	131	17.5-148.5
	274	131	99	131	
AYPC.F50.3212 190	329	131	139	131	17.5-148.5
	289	131	99	131	
Anchor bearing	AYPC.F50.2901	AYPC.F50.2901-01	AYPC.F50.2901-02	AYPC.F50.2901-03	Anchor bearing
	AluPro-F50.2901	AluPro-F50.2901-01	AluPro-F50.2901-02	AluPro-F50.2901-03	



*b - allowed distance from the back plane of the mullion to the drilling axis of the hole

Selection of wind brackets for transom profiles, used as mullions

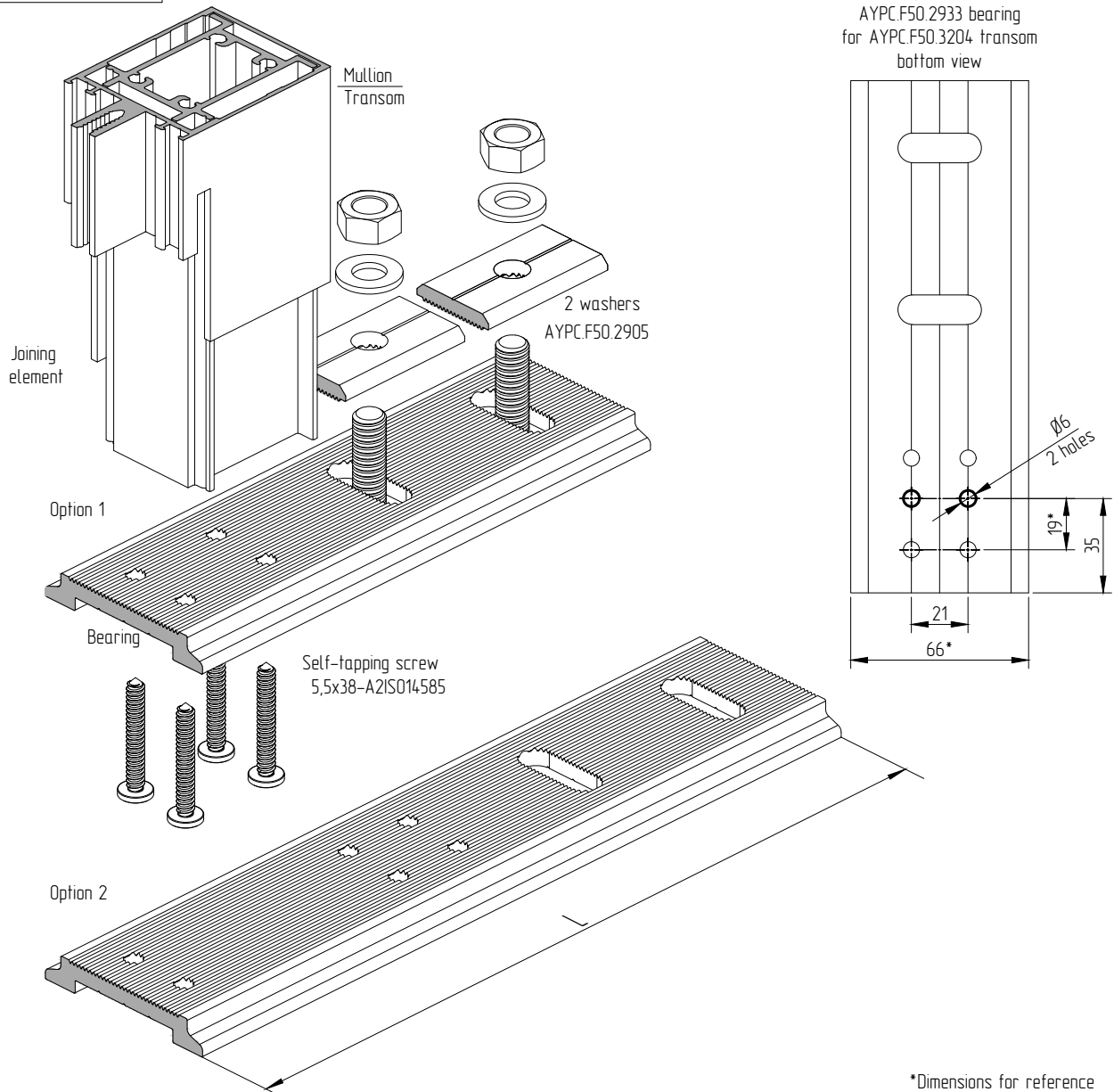
Article	Front plane offset			Back plane offset			*b - up to the axis of the hole, mm
	L, mm			Z, mm			
AYPC.F50.3205 67	206		182	139		115	17.5-41.5
	166		14.2	99		75	
	126		102	59	24	35	
	101		77	34	24	10	
AYPC.F50.3206 85	224		182	139		115	17.5-59.5
	184		14.2	99		97	
	144		102	59	42	57	
	119		93	34	26	17	
AYPC.F50.3207 105	244		182	139		115	17.5-79.5
	204		14.2	99		77	
	164	62	102	59	62	37	
	139	26	113	34	26	8	
AYPC.F50.3208 125	264		182	139		115	17.5-99.5
	224		14.2	99		57	
	184		133	59	82	17	
	159	51	82	34	26	8	
AYPC.F50.3209 145	284		182	139		115	17.5-119.5
	244		102	99		37	
	204		153	59	91	8	
	179	26	179	34	26	8	
AYPC.F50.3210 160	299		182	139		115	17.5-134.5
	259		168	99		22	
	219		168	59	91	8	
	194	26	194	34	26	8	
AYPC.F50.3211 175	314		182	139		115	17.5-148.5
	274		131	99		8	
	234		183	59	91	131	
	209	51	183	34	26	8	
AYPC.F50.3212 190	329		182	139		115	17.5-148.5
	289		131	99		8	
	249		198	59	91	131	
	224	51	198	34	26	8	
	198	26	198	8	26	8	
Wind bearing	AYPC.F50.2902	AYPC.F50.2902-01	AYPC.F50.2902-02	AYPC.F50.2902-03			Wind bearing
	AluPro-F50.2902	AluPro-F50.2902-01	AluPro-F50.2902-02	AluPro-F50.2902-03			
	AYPC.F50.2902	AYPC.F50.2902-01	AYPC.F50.2902-02	AYPC.F50.2902-03			
	AluPro-F50.2902	AluPro-F50.2902-01	AluPro-F50.2902-02	AluPro-F50.2902-03			



*b - allowed distance from the back plane of the mullion to the drilling axis of the hole

Article	Code	Mullion/Transom profile	Profile typical size	Joining element	Option	Length L, mm	Initial profile
AYPC.F50.2933	11277200	AYPC.F50.3204	54.5	AYPC.F50.3324	1 modification	190	AYPC.F50.0724
AYPC.F50.2933	11277200	AYPC.F50.3102 AYPC.F50.3205	62 67	AYPC.F50.3302 AYPC.F50.3325	1	190	
AYPC.F50.2933-01	11277300	AYPC.F50.3103 AYPC.F50.3206	80 85	AYPC.F50.3303 AYPC.F50.3326	1	208	
AYPC.F50.2933-02	11277400	AYPC.F50.3104 AYPC.F50.3207	100 105	AYPC.F50.3304 AYPC.F50.3327	1	228	
AYPC.F50.2933-03	11277500	AYPC.F50.3105 AYPC.F50.3208	120 125	AYPC.F50.3305 AYPC.F50.3328	1	248	
AYPC.F50.2933-04	11277600	AYPC.F50.3106 AYPC.F50.3209	140 145	AYPC.F50.3306 AYPC.F50.3329	2	268	
AYPC.F50.2933-05	11277700	AYPC.F50.3107 AYPC.F50.3210	155 160	AYPC.F50.3307 AYPC.F50.3330	2	283	
AYPC.F50.2933-06	11277800	AYPC.F50.3108 AYPC.F50.3211	170 175	AYPC.F50.3308 AYPC.F50.3331	2	298	
AYPC.F50.2933-07	11277900	AYPC.F50.3109 AYPC.F50.3212	185 190	AYPC.F50.3309 AYPC.F50.3332	2	313	

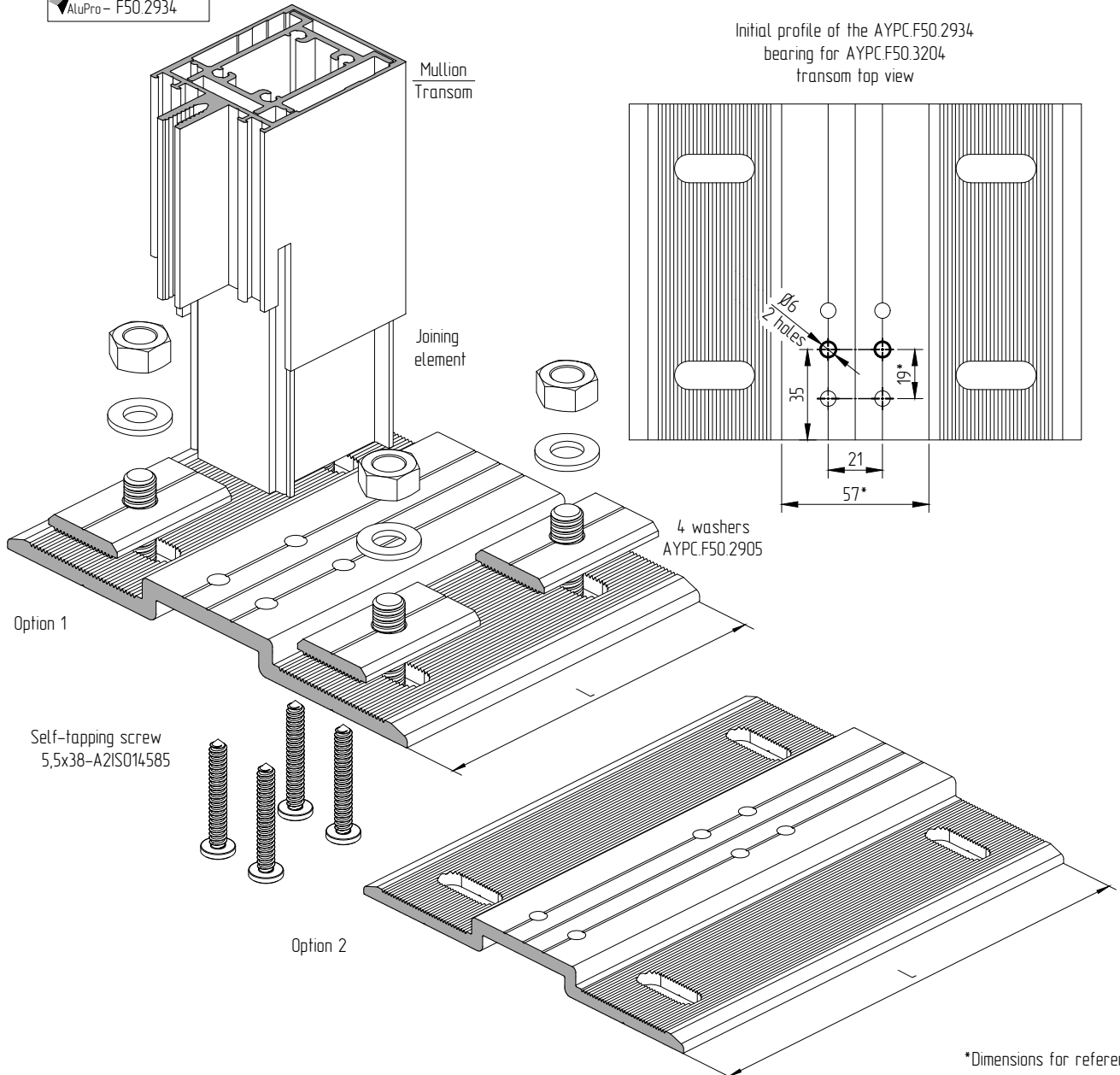
AluPro - F50.2933



*Dimensions for reference

Article	Code	Transom/Mullion profile	Profile typical size	Joining element	Option	Length L,mm	Initial profile
AYPC.F50.2934	11278000	AYPC.F50.3204	54.5	AYPC.F50.3324	1 modification	130	AYPC.F50.0723
AYPC.F50.2934	11278000	AYPC.F50.3102 AYPC.F50.3205	62 67	AYPC.F50.3302 AYPC.F50.3325	1	130	
AYPC.F50.2934-01	11278100	AYPC.F50.3103 AYPC.F50.3206	80 85	AYPC.F50.3303 AYPC.F50.3326	1	148	
AYPC.F50.2934-02	11278200	AYPC.F50.3104 AYPC.F50.3207	100 105	AYPC.F50.3304 AYPC.F50.3327	1	168	
AYPC.F50.2934-03	11278300	AYPC.F50.3105 AYPC.F50.3208	120 125	AYPC.F50.3305 AYPC.F50.3328	1	188	
AYPC.F50.2934-04	11278400	AYPC.F50.3106 AYPC.F50.3209	140 145	AYPC.F50.3306 AYPC.F50.3329	2	208	
AYPC.F50.2934-05	11278500	AYPC.F50.3107 AYPC.F50.3210	155 160	AYPC.F50.3307 AYPC.F50.3330	2	223	
AYPC.F50.2934-06	11278600	AYPC.F50.3108 AYPC.F50.3211	170 175	AYPC.F50.3308 AYPC.F50.3331	2	238	
AYPC.F50.2934-07	11278700	AYPC.F50.3109 AYPC.F50.3212	185 190	AYPC.F50.3309 AYPC.F50.3332	2	253	

AluPro - F50.2934

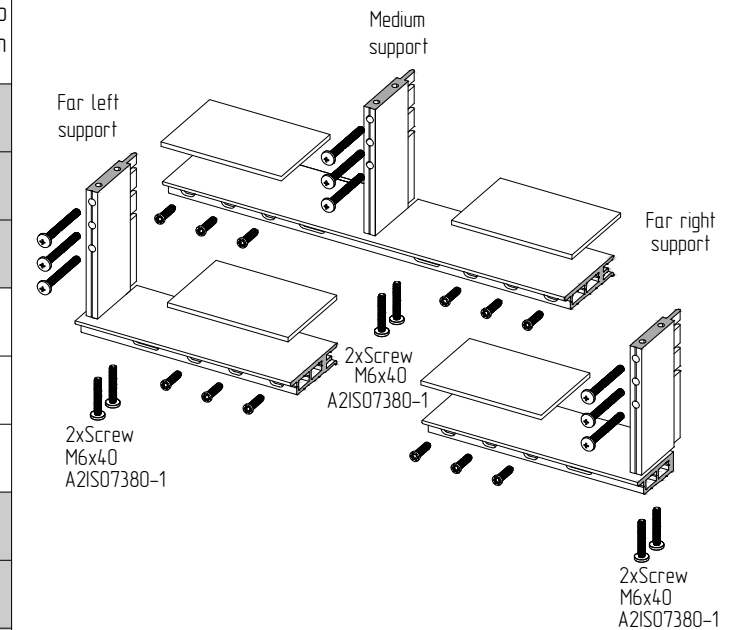


*Dimensions for reference

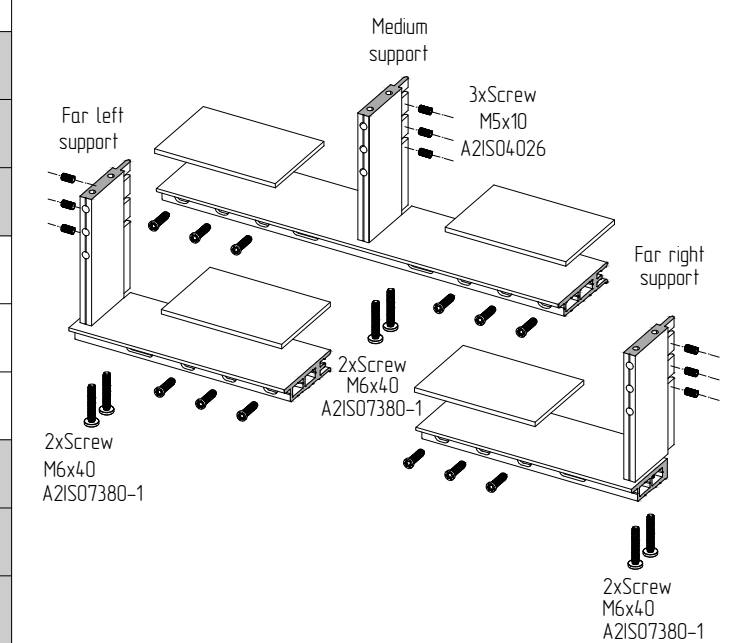
Installation of cross-shaped bearing supports for heavy infill units


Infill unit thickness, mm	Medium support	Right end support	Left end support	Kit			Initial profile	Additional component parts of cross-shaped bearing supports					
				Connection screw	Mullion element	Transom element		Leveling support	Insulating material of the horizontal part	Insulating material of the vertical part	Fastening to the mullion (Type 1)	Fastening to the mullion (Type 2)	Fastening to the transom
28-32	AYPC.F50.0965-15	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-03	-	AYPC.F50.0829	100x38x3	-	-	3xScrew 5,5x38 ISO14586	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
28-32	-	AYPC.F50.0965-16	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-03	-	AYPC.F50.0829	100x38x3	-	-	3xScrew 5,5x38 ISO14586	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
28-32	-	-	AYPC.F50.0965-17	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-03	-	AYPC.F50.0829	100x38x3	-	-	3xScrew 5,5x38 ISO14586	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
34-38	AYPC.F50.0965	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964	-	AYPC.F50.0826	100x44x3	AYPC.F50.1921 L=350 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x38 ISO14585	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
34-38	-	AYPC.F50.0965-01	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964	-	AYPC.F50.0826	100x44x3	AYPC.F50.1921 L=180 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x38 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
34-38	-	-	AYPC.F50.0965-02	2xScrew M6x40 ISO7380-1	AYPC.F50.0964	-	AYPC.F50.0826	100x44x3	AYPC.F50.1921 L=180 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x38 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
40-44	AYPC.F50.0965-03	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-01	-	AYPC.F50.0827	100x50x3	AYPC.F50.1921 L=350 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x45 ISO14585	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
40-44	-	AYPC.F50.0965-04	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-01	-	AYPC.F50.0827	100x50x3	AYPC.F50.1921 L=180 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x45 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
40-44	-	-	AYPC.F50.0965-05	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-01	-	AYPC.F50.0827	100x50x3	AYPC.F50.1921 L=180 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x45 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
46-50	AYPC.F50.0965-06	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-01	-	AYPC.F50.0827	100x56x3	AYPC.F50.1922 L=350 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x45 ISO14585	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
46-50	-	AYPC.F50.0965-07	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-01	-	AYPC.F50.0827	100x56x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x45 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
46-50	-	-	AYPC.F50.0965-08	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-01	-	AYPC.F50.0827	100x56x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x45 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
52-56	AYPC.F50.0965-09	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-02	-	AYPC.F50.0828	100x62x3	AYPC.F50.1921 L=350 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x55 ISO14585	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
52-56	-	AYPC.F50.0965-10	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-02	-	AYPC.F50.0828	100x62x3	AYPC.F50.1921 L=180 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x55 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
52-56	-	-	AYPC.F50.0965-11	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-02	-	AYPC.F50.0828	100x62x3	AYPC.F50.1921 L=180 mm	AYPC.F50.1921 L=110 mm	3xScrew 5,5x55 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
58-62	AYPC.F50.0965-12	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-02	-	AYPC.F50.0828	100x68x3	AYPC.F50.1922 L=350 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x55 ISO14585	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
58-62	-	AYPC.F50.0965-13	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-02	-	AYPC.F50.0828	100x68x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x55 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
58-62	-	-	AYPC.F50.0965-14	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-02	-	AYPC.F50.0828	100x68x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x55 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
64-68	AYPC.F50.0965-18	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-04	-	AYPC.F50.0854	100x74x3	AYPC.F50.1922 L=350 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x65 ISO14585	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
64-68	-	AYPC.F50.0965-20	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-04	-	AYPC.F50.0854	100x74x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x65 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
64-68	-	-	AYPC.F50.0965-19	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-04	-	AYPC.F50.0854	100x74x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x65 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
70-74	AYPC.F50.0965-21	-	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-05	-	AYPC.F50.0856	100x74x3	AYPC.F50.1922 L=350 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x70 ISO14585	3xScrew M5x10 ISO4.026	6xScrew 5,5x23 TX
70-74	-	AYPC.F50.0965-22	-	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-05	-	AYPC.F50.0856	100x74x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x70 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX
70-74	-	-	AYPC.F50.0965-23	2xScrew M6x40 ISO7380-1	AYPC.F50.0964-05	-	AYPC.F50.0856	100x74x3	AYPC.F50.1922 L=180 mm	AYPC.F50.1922 L=110 mm	3xScrew 5,5x70 ISO14585	3xScrew M5x10 ISO4.026	3xScrew 5,5x23 TX

Fastening of cross-shaped bearing support
TYPE 1
(fastening of vertical support into the mullion groove
by means of self-tapping screws Ø5.5)



Fastening of cross-shaped bearing support
TYPE 2
(fastening of vertical support into the mullion groove
from the side by means of screws M5x10-A2ISO4.026)



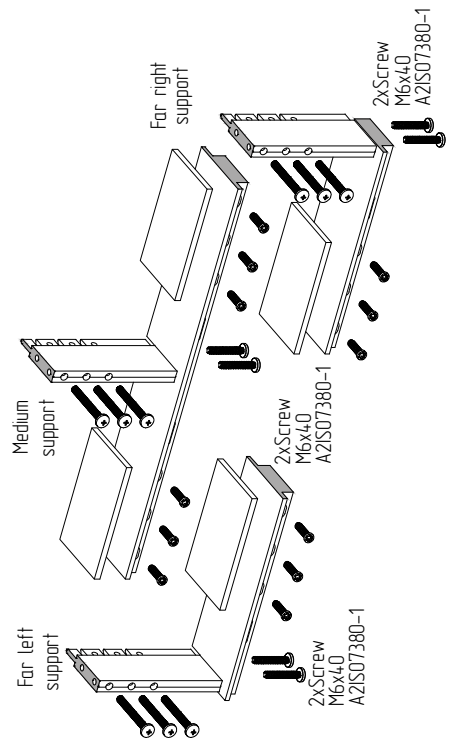
 The accessories are delivered unassembled. Maximum tightening torque of M6x40 A2ISO7380-1 screws when connecting parts 3 N*m

Installation of cross-shaped bearing supports for heavy infill units

Infill unit thickness, mm	Medium support	Right end support	Left end support	Connection screw	Kit			Initial profile	Leveling support	Insulating material of the horizontal part	Insulating material of the vertical part	Fastening to the mullion (Type 3)	Fastening to the mullion (Type 4)	Fastening to the transom
					Mullion element	Transom element	Mullion element							
58-62	AYPCF50.1465	-	-	2xScrew M6x40 IS07380-1	AYPCF50.0964-02	-	AYPCF50.0828	100x68x3	AYPCF50.1922 L=350 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x55 IS014585	3xScrew M5x10 IS04026	6xScrew 5,5x23 TX	
58-62	-	AYPCF50.1465-01	-	2xScrew M6x40 IS07380-1	AYPCF50.0964-02	-	AYPCF50.0828	100x68x3	AYPCF50.1922 L=180 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x55 IS014585	3xScrew M5x10 IS04026	3xScrew 5,5x23 TX	
58-62	-	-	AYPCF50.1465-02	2xScrew M6x40 IS07380-1	AYPCF50.0964-02	-	AYPCF50.0828	100x68x3	AYPCF50.1922 L=180 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x55 IS014585	3xScrew M5x10 IS04026	3xScrew 5,5x23 TX	
64-68	AYPCF50.1465-03	-	-	2xScrew M6x40 IS07380-1	AYPCF50.0964-04	-	AYPCF50.0854	100x74x3	AYPCF50.1922 L=350 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x65 IS014585	3xScrew M5x10 IS04026	6xScrew 5,5x23 TX	
64-68	-	AYPCF50.1465-04	-	2xScrew M6x40 IS07380-1	AYPCF50.0964-04	-	AYPCF50.0854	100x74x3	AYPCF50.1922 L=180 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x65 IS014585	3xScrew M5x10 IS04026	3xScrew 5,5x23 TX	
64-68	-	-	AYPCF50.1465-05	2xScrew M6x40 IS07380-1	AYPCF50.0964-04	-	AYPCF50.0854	100x74x3	AYPCF50.1922 L=180 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x65 IS014585	3xScrew M5x10 IS04026	3xScrew 5,5x23 TX	
70-74	AYPCF50.1465-06	-	-	2xScrew M6x40 IS07380-1	AYPCF50.0964-05	-	AYPCF50.0856	100x74x3	AYPCF50.1922 L=350 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x70 IS014585	3xScrew M5x10 IS04026	6xScrew 5,5x23 TX	
70-74	-	AYPCF50.1465-07	-	2xScrew M6x40 IS07380-1	AYPCF50.0964-05	-	AYPCF50.0856	100x74x3	AYPCF50.1922 L=180 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x70 IS014585	3xScrew M5x10 IS04026	3xScrew 5,5x23 TX	
70-74	-	-	AYPCF50.1465-08	2xScrew M6x40 IS07380-1	AYPCF50.0964-05	-	AYPCF50.0856	100x74x3	AYPCF50.1922 L=180 mm	AYPCF50.1922 L=110 mm	3xScrew 5,5x70 IS014585	3xScrew M5x10 IS04026	3xScrew 5,5x23 TX	

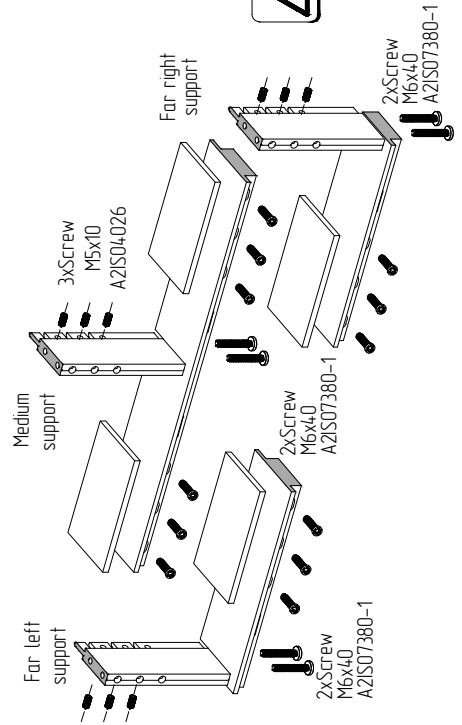
Fastening of cross-shaped bearing support
TYPE 3

(fastening of vertical support into the mullion groove by means of self-tapping screws Ø5.5)



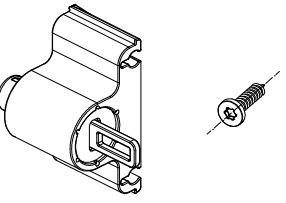
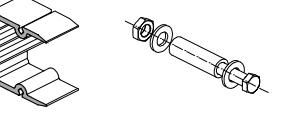
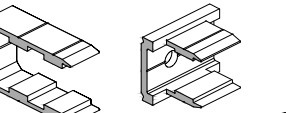

Fastening of cross-shaped bearing support
TYPE 4

(fastening of vertical support into the mullion groove from the side by means of screws M5x10-A2IS04026)



The accessories are delivered unassembled. Maximum tightening torque of M6x40 AZIS07380-1 screws when connecting parts 3 N*m

Maximum infill unit weight depending on bearing support and type of connection of mullion and transom

Connecting elements	Infill unit thickness, mm	Aluminium cruciform bearing support								Cruciform bearing support with steel insert							
		Cross-shaped medium supports				Cross-shaped supports left and right				Cross-shaped medium supports				Cross-shaped supports left and right			
		Support fastening type 1 Mullion-transom overlapped		Support fastening type 2 Mullion-transom overlapped		Support fastening type 1 Mullion-transom overlapped		Support fastening type 2 Mullion-transom overlapped		Support fastening type 3 Mullion-transom overlapped		Support fastening type 4 Mullion-transom overlapped		Support fastening type 3 Mullion-transom overlapped		Support fastening type 4 Mullion-transom overlapped	
		Article	kN	Article	kN	Article	kN	Article	kN	Article	kN	Article	kN	Article	kN	Article	kN
 AYPC.F50.994.1 + 2x Screw 3,9x16 TX AluPro - BH-02, BHc-02, 3BH-02	28-32	AYPC.F50.0965-15	4.00	AYPC.F50.0965-15	7.00	AYPC.F50.0965-16 AYPC.F50.0965-17	4.00	AYPC.F50.0965-16 AYPC.F50.0965-17	5.10	-	-	-	-	-	-	-	
	34-38	AYPC.F50.0965	4.00	AYPC.F50.0965	7.00	AYPC.F50.0965-01 AYPC.F50.0965-02	4.00	AYPC.F50.0965-01 AYPC.F50.0965-02	5.10	-	-	-	-	-	-	-	
	40-44	AYPC.F50.0965-03	4.00	AYPC.F50.0965-03	7.00	AYPC.F50.0965-04 AYPC.F50.0965-05	4.00	AYPC.F50.0965-04 AYPC.F50.0965-05	5.00	-	-	-	-	-	-	-	
	46-50	AYPC.F50.0965-06	4.00	AYPC.F50.0965-06	6.80	AYPC.F50.0965-07 AYPC.F50.0965-08	4.00	AYPC.F50.0965-07 AYPC.F50.0965-08	4.90	-	-	-	-	-	-	-	
	52-56	AYPC.F50.0965-09	4.00	AYPC.F50.0965-09	6.60	AYPC.F50.0965-10 AYPC.F50.0965-11	4.00	AYPC.F50.0965-10 AYPC.F50.0965-11	4.80	-	-	-	-	-	-	-	
	58-62	AYPC.F50.0965-12	4.00	AYPC.F50.0965-12	6.40	AYPC.F50.0965-13 AYPC.F50.0965-14	4.00	AYPC.F50.0965-13 AYPC.F50.0965-14	4.70	AYPC.F50.1465	-	AYPC.F50.1465	-	AYPC.F50.1465-01 AYPC.F50.1465-02	-	AYPC.F50.1465-01 AYPC.F50.1465-02	-
	64-68	AYPC.F50.0965-18	4.00	AYPC.F50.0965-18	6.00	AYPC.F50.0965-19 AYPC.F50.0965-20	4.00	AYPC.F50.0965-19 AYPC.F50.0965-20	4.50	AYPC.F50.1465-03	-	AYPC.F50.1465-03	-	AYPC.F50.1465-04 AYPC.F50.1465-05	-	AYPC.F50.1465-04 AYPC.F50.1465-05	-
	70-74	AYPC.F50.0965-21	-	AYPC.F50.0965-21	-	AYPC.F50.0965-23 AYPC.F50.0965-22	-	AYPC.F50.0965-23 AYPC.F50.0965-22	-	AYPC.F50.1465-06	-	AYPC.F50.1465-06	-	AYPC.F50.1465-07 AYPC.F50.1465-08	-	AYPC.F50.1465-07 AYPC.F50.1465-08	-
 AYPC.F50.04.13 +2x (BOLT M10x80-A2IS04.014, BUSH F50.0950, NUT M10-A2IS04.032, 2xWASHER 10-A2IS07089)	28-32	AYPC.F50.0965-15	7.00	-	-	AYPC.F50.0965-16 AYPC.F50.0965-17	4.70	-	-	-	-	-	-	-	-	-	
	34-38	AYPC.F50.0965	7.00	-	-	AYPC.F50.0965-01 AYPC.F50.0965-02	4.70	-	-	-	-	-	-	-	-	-	
	40-44	AYPC.F50.0965-03	7.00	-	-	AYPC.F50.0965-04 AYPC.F50.0965-05	4.60	-	-	-	-	-	-	-	-	-	
	46-50	AYPC.F50.0965-06	6.80	-	-	AYPC.F50.0965-07 AYPC.F50.0965-08	4.50	-	-	-	-	-	-	-	-	-	
	52-56	AYPC.F50.0965-09	6.60	-	-	AYPC.F50.0965-10 AYPC.F50.0965-11	4.40	-	-	-	-	-	-	-	-	-	
	58-62	AYPC.F50.0965-12	6.40	-	-	AYPC.F50.0965-13 AYPC.F50.0965-14	4.30	-	-	AYPC.F50.1465	8.00	-	-	AYPC.F50.1465-01 AYPC.F50.1465-02	7.00	-	-
	64-68	AYPC.F50.0965-18	6.00	-	-	AYPC.F50.0965-19 AYPC.F50.0965-20	4.10	-	-	AYPC.F50.1465-03	7.00	-	-	AYPC.F50.1465-04 AYPC.F50.1465-05	6.00	-	-
	70-74	AYPC.F50.0965-21	-	-	-	AYPC.F50.0965-23 AYPC.F50.0965-22	-	-	-	AYPC.F50.1465-06	6.00	-	-	AYPC.F50.1465-07 AYPC.F50.1465-08	5.00	-	-
 AYPC.F50.04.07, AYPC.F50.04.17 +2x (BOLT M10x80-A2IS04.014, BUSH F50.0950, NUT M10-A2IS04.032, 2xWASHERS 10-A2IS07089), 4x (SCREW M8x16-A2DIN7991, WASHER 8-A2DIN9081)	28-32	AYPC.F50.0965-15	7.00	-	-	AYPC.F50.0965-16 AYPC.F50.0965-17	4.70	-	-	-	-	-	-	-	-	-	
	34-38	AYPC.F50.0965	7.00	-	-	AYPC.F50.0965-01 AYPC.F50.0965-02	4.70	-	-	-	-	-	-	-	-	-	
	40-44	AYPC.F50.0965-03	7.00	-	-	AYPC.F50.0965-04 AYPC.F50.0965-05	4.60	-	-	-	-	-	-	-	-	-	
	46-50	AYPC.F50.0965-06	6.80	-	-	AYPC.F50.0965-07 AYPC.F50.0965-08	4.50	-	-	-	-	-	-	-	-	-	
	52-56	AYPC.F50.0965-09	6.60	-	-	AYPC.F50.0965-10 AYPC.F50.0965-11	4.40	-	-	-	-	-	-	-	-	-	
	58-62	AYPC.F50.0965-12	6.40	-	-	AYPC.F50.0965-13 AYPC.F50.0965-14	4.30	-	-	AYPC.F50.1465	8.00	-	-	AYPC.F50.1465-01 AYPC.F50.1465-02	7.00	-	-
	64-68	AYPC.F50.0965-18	6.00	-	-	AYPC.F50.0965-19 AYPC.F50.0965-20	4.10	-	-	AYPC.F50.1465-03	7.00	-	-	AYPC.F50.1465-04 AYPC.F50.1465-05	6.00	-	-
	70-74	AYPC.F50.0965-21	-	-	-	AYPC.F50.0965-23 AYPC.F50.0965-22	-	-	-	AYPC.F50.1465-06	6.00	-	-	AYPC.F50.1465-07 AYPC.F50.1465-08	5.00	-	-
Applied only with AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254  AYPC.F50.994.6(-01), AYPC.F50.994.7(-01), AYPC.F50.994.8(-01) +2x (STUD M10x100-A2DIN976-1, BUSH F50.0950, 2x NUT M10-A2IS04.032, 2x WASHER 10-A2IS07089), 6x (SCREW M8x30-A2IS04.762, WASHER 8-A2IS07089, BUSH AYPC.F50.0997)	28-32	AYPC.F50.0965-15	7.00	-	-	AYPC.F50.0965-16 AYPC.F50.0965-17	4.70	-	-	-	-	-	-	-	-	-	
	34-38	AYPC.F50.0965	7.00	-	-	AYPC.F50.0965-01 AYPC.F50.0965-02	4.70	-	-	-	-	-	-	-	-	-	
	40-44	AYPC.F50.0965-03	7.00	-	-	AYPC.F50.0965-04 AYPC.F50.0965-05	4.60	-	-	-	-	-	-	-	-	-	
	46-50	AYPC.F50.0965-06	6.80	-	-	AYPC.F50.0965-07 AYPC.F50.0965-08	4.50	-	-	-	-	-	-	-	-	-	
	52-56	AYPC.F50.0965-09	6.60	-	-	AYPC.F50.0965-10 AYPC.F50.0965-11	4.40	-	-	-	-	-	-	-	-	-	
	58-62	AYPC.F50.0965-12	6.40	-	-	AYPC.F50.0965-13 AYPC.F50.0965-14	4.30	-	-	AYPC.F50.1465	8.00	-	-	AYPC.F50.1465-01 AYPC.F50.1465-02	7.00	-	-
	64-68	AYPC.F50.0965-18	6.00	-	-	AYPC.F50.0965-19 AYPC.F50.0965-20	4.10	-	-	AYPC.F50.1465-03	7.00	-	-	AYPC.F50.1465-04 AYPC.F50.1465-05	6.00	-	-
	70-74	AYPC.F50.0965-21	-	-	-	AYPC.F50.0965-23 AYPC.F50.0965-22	-	-	-	AYPC.F50.1465-06	6.00	-	-	AYPC.F50.1465-07 AYPC.F50.1465-08	5.00	-	-

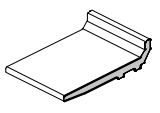
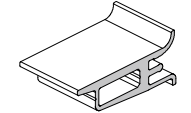

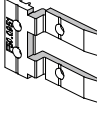
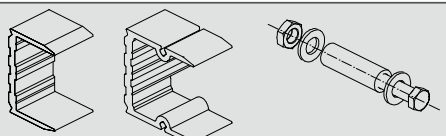
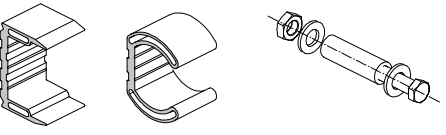
Maximum infill unit weight depending on bearing support and type of connection of mullion and transom

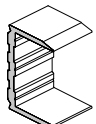
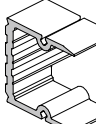
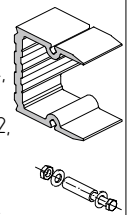
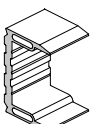
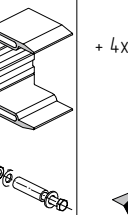
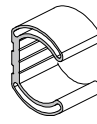
Connecting elements	Infill unit thickness, mm	Standard supports				Reinforced supports			
		Mullion-transom overlapped		Mullion-transom with milling overlapped		Mullion-transom overlapped		Mullion-transom overlapped	
		Article	kN	Article	kN	Article	kN	Article	kN
<p>2x Screw 3,9x16 TX</p> <p>AluPro - BH-01, BHc-01, 3BH-01, BH-11</p>	4-8	AYPC.F50.0940	1.00	AYPC.F50.0940-01	1.00	-	-	-	-
	22-26	AYPC.F50.0941	1.00	AYPC.F50.0941-01	1.00	-	-	-	-
	28-32	AYPC.F50.0941-01	1.00	AYPC.F50.0941-02	1.00	-	-	-	-
	34-38	AYPC.F50.0941-02	1.00	AYPC.F50.0952	1.00	-	-	-	-
	40-44	AYPC.F50.0952	0.80	AYPC.F50.0952-01	0.80	-	-	-	-
	46-50	AYPC.F50.0952-01	0.80	AYPC.F50.0952-02	0.80	-	-	-	-
	52-56	AYPC.F50.0952-02	0.80	AYPC.F50.0952-03	0.80	-	-	-	-
	58-62	AYPC.F50.0952-03	0.80	AYPC.F50.0952-04	0.60	-	-	-	-
	64-68	AYPC.F50.0952-04	0.60	-	-	-	-	-	-
	<p>AYPC.F50.9941 + 2x Screw 3,9x16 TX</p> <p>AluPro - BH-02, BHc-02, 3BH-02</p>	4-8	AYPC.F50.0940	1.40	AYPC.F50.0940-01	1.80	-	-	-
22-26		AYPC.F50.0941	1.40	AYPC.F50.0941-01	1.80	-	-	-	-
28-32		AYPC.F50.0941-01	1.40	AYPC.F50.0941-02	1.80	-	-	-	-
34-38		AYPC.F50.0941-02	1.40	AYPC.F50.0952	1.60	-	-	-	-
40-44		AYPC.F50.0952	1.20	AYPC.F50.0952-01	1.60	-	-	-	-
46-50		AYPC.F50.0952-01	1.20	AYPC.F50.0952-02	1.60	-	-	-	-
52-56		AYPC.F50.0952-02	1.20	AYPC.F50.0952-03	1.60	-	-	-	-
58-62		AYPC.F50.0952-03	1.20	AYPC.F50.0952-04	1.40	-	-	-	-
64-68		AYPC.F50.0952-04	1.00	-	-	-	-	-	-
<p>AYPC.F50.0405, AYPC.F50.0413, AYPC.F50.0414, AYPC.F50.0415 + 4x Screw 3,9x13-A2IS014585</p> <p>*AYPC.F50.0413, AYPC.F50.0414 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089)</p>		4-8	AYPC.F50.0940	1.80	AYPC.F50.0940-01	1.80	-	-	-
	22-26	AYPC.F50.0941	1.80	AYPC.F50.0941-01	1.80	-	-	-	-
	28-32	AYPC.F50.0941-01	1.80	AYPC.F50.0941-02	1.80	AYPC.F50.9971	2.80/3.20*	-	-
	34-38	AYPC.F50.0941-02	1.80	AYPC.F50.0952	1.60	AYPC.F50.9972	2.80/3.20*	-	-
	40-44	AYPC.F50.0952	1.60	AYPC.F50.0952-01	1.60	AYPC.F50.9973	2.50/2.90*	-	-
	46-50	AYPC.F50.0952-01	1.60	AYPC.F50.0952-02	1.60	AYPC.F50.9974	2.40/2.80*	-	-
	52-56	AYPC.F50.0952-02	1.60	AYPC.F50.0952-03	1.60	AYPC.F50.9975	2.20/2.60*	-	-
	58-62	AYPC.F50.0952-03	1.60	AYPC.F50.0952-04	1.40	AYPC.F50.9976	2.10/2.40*	-	-
	64-68	AYPC.F50.0952-04	1.40	-	-	AYPC.F50.9977	2.00/2.20*	-	-
	70-74	-	-	-	-	AYPC.F50.9978	1.60/2.00*	-	-
<p>AYPC.F50.0407, AYPC.F50.0417, AYPC.F50.6005 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089), 4x (SCREW M8x16-A2DIN7991, WASHER 8-A2DIN9081)</p>	4-8	-	-	-	-	-	-	-	-
	22-26	-	-	-	-	-	-	-	-
	28-32	AYPC.F50.0941-01	1.80	AYPC.F50.0941-02	1.80	AYPC.F50.9971	4.30	-	-
	34-38	AYPC.F50.0941-02	1.80	AYPC.F50.0952	1.60	AYPC.F50.9972	4.30	-	-
	40-44	AYPC.F50.0952	1.60	AYPC.F50.0952-01	1.60	AYPC.F50.9973	4.00	-	-
	46-50	AYPC.F50.0952-01	1.60	AYPC.F50.0952-02	1.60	AYPC.F50.9974	3.70	-	-
	52-56	AYPC.F50.0952-02	1.60	AYPC.F50.0952-03	1.60	AYPC.F50.9975	3.40	-	-
	58-62	AYPC.F50.0952-03	1.60	AYPC.F50.0952-04	1.40	AYPC.F50.9976	3.00	-	-
	64-68	AYPC.F50.0952-04	1.40	-	-	AYPC.F50.9977	2.60	-	-
	70-74	-	-	-	-	AYPC.F50.9978	2.20	-	-
<p>Applied only with AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254</p> <p>AYPC.F50.9946(-01), AYPC.F50.9947(-01), AYPC.F50.9948(-01) + 2x (STUD M10x100-A2DIN976-1, BUSH F50.0950, 2x NUT M10-A2IS04032, 2x WASHER 10-A2IS07089), 6x (SCREW M8x30-A2IS04762, WASHER 8-A2IS07089, BUSH AYPC.F50.0997)</p>	4-8	-	-	-	-	-	-	-	-
	22-26	-	-	-	-	-	-	-	-
	28-32	AYPC.F50.0941-01	1.80	-	-	AYPC.F50.9971	4.30	-	-
	34-38	AYPC.F50.0941-02	1.80	-	-	AYPC.F50.9972	4.30	AYPC.F50.9961-05	11.00
	40-44	AYPC.F50.0952	1.60	-	-	AYPC.F50.9973	4.00	AYPC.F50.9961-04	10.50
	46-50	AYPC.F50.0952-01	1.60	-	-	AYPC.F50.9974	3.70	AYPC.F50.9961-03	10.00
	52-56	AYPC.F50.0952-02	1.60	-	-	AYPC.F50.9975	3.40	AYPC.F50.9961-02	9.50
	58-62	AYPC.F50.0952-03	1.60	-	-	AYPC.F50.9976	3.00	AYPC.F50.9961-01	9.00
	64-68	AYPC.F50.0952-04	1.40	-	-	AYPC.F50.9977	2.60	AYPC.F50.9961	8.50
	70-74	-	-	-	-	AYPC.F50.9978	2.20	AYPC.F50.9962-01	8.00
76-80	-	-	-	-	-	-	AYPC.F50.9962	7.50	

<p>AYPC.F50.0405 + 4x Screw 3,9x13-A2IS014585</p> <p>AluPro BH-03, BHc-03, 3BH-03, BH-12</p>	<p>AYPC.F50.0413 + 4x Screw 3,9x13-A2IS014585</p> <p>AluPro BH-06, BHc-06, 3BH-06, BH-13</p>
<p>AYPC.F50.0413 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089)</p> <p>AluPro BH-06+, BHc-06+</p>	<p>AYPC.F50.0414 + 4x Screw 3,9x13-A2IS014585</p> <p>AluPro BH-10, BH-14</p>
<p>AYPC.F50.0414 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089)</p> <p>AluPro BH-10+</p>	<p>AYPC.F50.0415 + 4x Screw 3,9x13-A2IS014585</p> <p>AluPro BH-08, BHc-08, 3BH-08, BC-08</p>
<p>AYPC.F50.0417 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089), 4x (SCREW M8x16-A2DIN7991, WASHER 8-A2DIN9081)</p> <p>AluPro BH-05+, BHc-05+, 3BH-05+</p>	
<p>AYPC.F50.6005 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089), 4x (SCREW M8x16-A2DIN7991, WASHER 8-A2DIN9081)</p> <p>AluPro BH-09, BC-09</p>	
<p>AYPC.F50.0407 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089), 4x (SCREW M8x16-A2DIN7991, WASHER 8-A2DIN9081)</p> <p>AluPro BH-04, BHc-04, BH-04, BC-04</p>	

*The load is valid when fastening AYPC.F50.0413, AYPC.F50.0414 joining element to the mullion using M10x80-A2IS04014 bolts

Maximum infill unit weight depending on bearing support and type of mullion connection (transom used as a mullion) with a transom for system ALT F50 TT

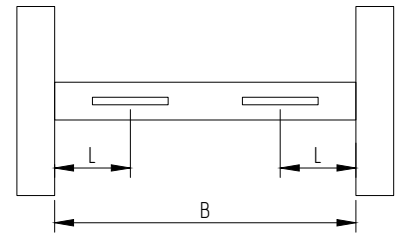
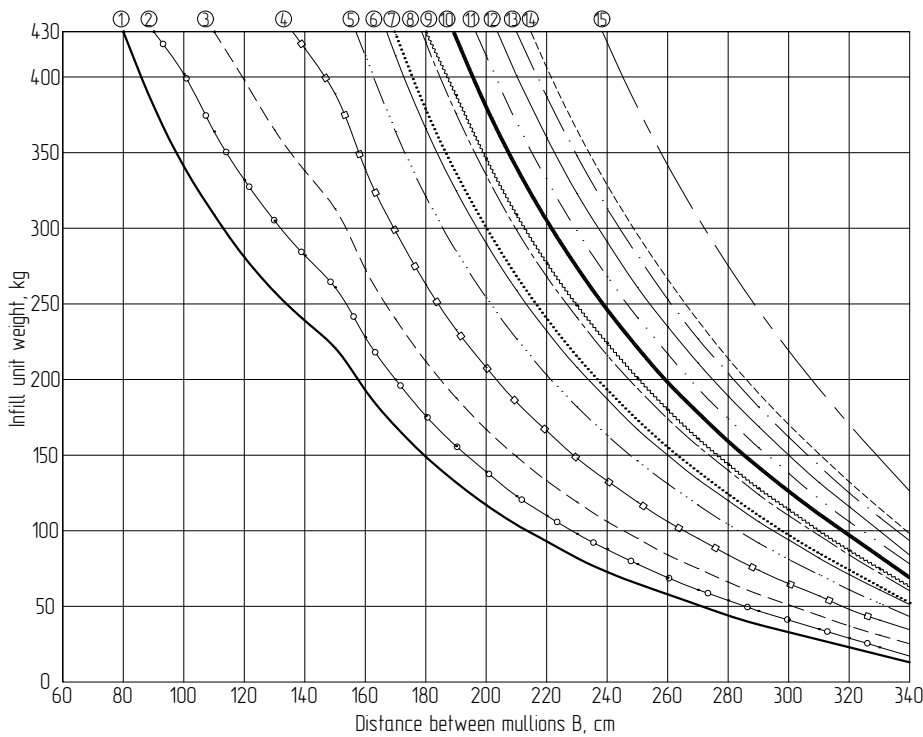
Connecting elements	Infill unit thickness, mm	Standard supports						Reinforced supports					
													
		Mullion-transom overlapped		Mullion-transom end-to-end		Transom-transom end-to-end		Mullion-transom overlapped		Mullion-transom end-to-end		Transom-transom end-to-end	
		Article	kN	Article	kN	Article	kN	Article	kN	Article	kN	Article	kN
 2x Screw 3,9x16 TX AluPro - BH-01, BH-11	4-8	AYPC.F50.0940	100	-	-	-	-	-	-	-	-	-	-
	22-26	AYPC.F50.0941	100	-	-	-	-	-	-	-	-	-	-
	28-32	AYPC.F50.0941-01	100	-	-	-	-	-	-	-	-	-	-
	34-38	AYPC.F50.0941-02	100	-	-	-	-	-	-	-	-	-	-
	40-44	AYPC.F50.0952	0.8	-	-	-	-	-	-	-	-	-	-
	46-50	AYPC.F50.0952-01	0.8	-	-	-	-	-	-	-	-	-	-
	52-56	AYPC.F50.0952-02	0.8	-	-	-	-	-	-	-	-	-	-
	58-62	AYPC.F50.0952-03	0.8	-	-	-	-	-	-	-	-	-	-
 AYP.C.F50.0951 + 4x Screw 3,9x13-A2IS014585 AluPro - BC-15 Applied only for internal partitions	4-8	-	-	AYPC.F50.0940-01	0.5	AYPC.F50.0940-01	0.5	-	-	-	-	-	-
	22-26	-	-	-	-	-	-	-	-	-	-	-	-
	28-32	-	-	-	-	-	-	-	-	-	-	-	-
	34-38	-	-	-	-	-	-	-	-	-	-	-	-
	40-44	-	-	-	-	-	-	-	-	-	-	-	-
	46-50	-	-	-	-	-	-	-	-	-	-	-	-
	52-56	-	-	-	-	-	-	-	-	-	-	-	-
	58-62	-	-	-	-	-	-	-	-	-	-	-	-
 AYP.C.F50.0405, AYP.C.F50.0413 + 4x Screw 3,9x13-A2IS014585 *AYPC.F50.0413 +2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089) AluPro - BH-03, BH-06, BH-06+, BC-06, BC-06+, BH-12	4-8	AYPC.F50.0940	180	AYPC.F50.0940-01	120	AYPC.F50.0940-01	120	-	-	-	-	-	-
	22-26	AYPC.F50.0941	180	AYPC.F50.0941-01	120	AYPC.F50.0941-01	120	-	-	AYPC.F50.9971	3.20*	AYPC.F50.9971	3.20*
	28-32	AYPC.F50.0941-01	180	AYPC.F50.0941-02	120	AYPC.F50.0941-02	120	AYPC.F50.9971	2.8/3.20*	AYPC.F50.9972	3.20*	AYPC.F50.9972	3.20*
	34-38	AYPC.F50.0941-02	180	AYPC.F50.0952	120	AYPC.F50.0952	120	AYPC.F50.9972	2.8/3.20*	AYPC.F50.9973	2.90*	AYPC.F50.9973	2.90*
	40-44	AYPC.F50.0952	160	AYPC.F50.0952-01	100	AYPC.F50.0952-01	100	AYPC.F50.9973	2.5/2.90*	AYPC.F50.9974	2.80*	AYPC.F50.9974	2.80*
	46-50	AYPC.F50.0952-01	160	AYPC.F50.0952-02	100	AYPC.F50.0952-02	100	AYPC.F50.9974	2.4/2.80*	AYPC.F50.9975	2.60*	AYPC.F50.9975	2.60*
	52-56	AYPC.F50.0952-02	160	AYPC.F50.0952-03	100	AYPC.F50.0952-03	100	AYPC.F50.9975	2.2/2.60*	AYPC.F50.9976	2.40*	AYPC.F50.9976	2.40*
	58-62	AYPC.F50.0952-03	160	-	-	-	-	AYPC.F50.9976	2.1/2.40*	-	-	-	-
 AYP.C.F50.0414, AYP.C.F50.0415 + 4x Screw 3,9x13-A2IS014585 *AYPC.F50.0414 +2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089) AluPro - BH-10, BH-10+, BH-14, BH-08	4-8	AYPC.F50.0940	180	-	-	-	-	-	-	-	-	-	-
	22-26	AYPC.F50.0941	180	-	-	-	-	-	-	-	-	-	-
	28-32	AYPC.F50.0941-01	180	-	-	-	-	AYPC.F50.9971	2.8/3.20*	-	-	-	-
	34-38	AYPC.F50.0941-02	180	-	-	-	-	AYPC.F50.9972	2.8/3.20*	-	-	-	-
	40-44	AYPC.F50.0952	160	-	-	-	-	AYPC.F50.9973	2.5/2.90*	-	-	-	-
	46-50	AYPC.F50.0952-01	160	-	-	-	-	AYPC.F50.9974	2.4/2.80*	-	-	-	-
	52-56	AYPC.F50.0952-02	160	-	-	-	-	AYPC.F50.9975	2.2/2.60*	-	-	-	-
	58-62	AYPC.F50.0952-03	160	-	-	-	-	AYPC.F50.9976	2.1/2.40*	-	-	-	-

AYP.C.F50.0405 +4xScrew 3,9x13-A2IS014585  AluPro - BH-03	AYP.C.F50.0413 +4x Screw 3,9x13-A2IS014585  AluPro - BH-06	AYP.C.F50.0413 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089) AluPro - BH-06+ 	AYP.C.F50.0414 + 4x Screw 3,9x13-A2IS014585  AluPro - BH-10, BH-14	AYP.C.F50.0414 + 2x (BOLT M10x80-A2IS04014, BUSH F50.0950, NUT M10-A2IS04032, 2xWASHER 10-A2IS07089) AluPro - BH-10+ 	AYP.C.F50.0415 + 4x Screw 3,9x13-A2IS014585  AluPro - BH-08
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*The load is valid when fastening AYP.C.F50.0413, AYP.C.F50.0414 joining element to the mullion (transom used as a mullion) using M10x80-A2IS04014 bolts

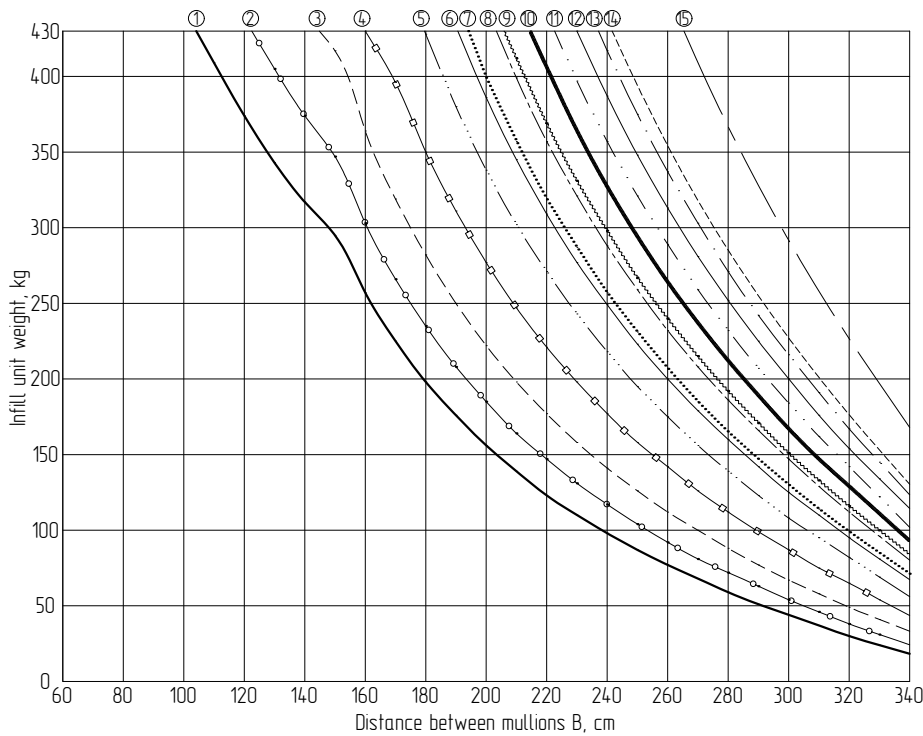
Graphic charts for selection of transoms depending on the load and length

Transoms without reinforcement. Distance from the edge of mullion to the middle of bearing support $L=10$ cm



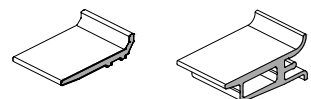
- ① ———— AYPC.F50.0204
- ② —○—○—○— AYPC.F50.0214
- ③ - - - - AYPC.F50.0205
- ④ —□—□—□— AYPC.F50.0206
- ⑤ —·—·—·— AYPC.F50.0207
- ⑥ ———— AYPC.F50.0248
- ⑦ ······ AYPC.F50.0208
- ⑧ - - - - AYPC.F50.0249
- ⑨ ······ AYPC.F50.0209
- ⑩ ———— AYPC.F50.0218
- ⑪ -·-·-·-·- AYPC.F50.0210
- ⑫ ———— AYPC.F50.0219
- ⑬ -·-·-·-·- AYPC.F50.0211
- ⑭ - - - - AYPC.F50.0221
- ⑮ ———— AYPC.F50.0220

Transoms without reinforcement. Distance from the edge of mullion to the middle of bearing support $L=7.5$ cm



- ① ———— AYPC.F50.0204
- ② —○—○—○— AYPC.F50.0214
- ③ - - - - AYPC.F50.0205
- ④ —□—□—□— AYPC.F50.0206
- ⑤ —·—·—·— AYPC.F50.0207
- ⑥ ———— AYPC.F50.0248
- ⑦ ······ AYPC.F50.0208
- ⑧ - - - - AYPC.F50.0249
- ⑨ ······ AYPC.F50.0209
- ⑩ ———— AYPC.F50.0218
- ⑪ -·-·-·-·- AYPC.F50.0210
- ⑫ ———— AYPC.F50.0219
- ⑬ -·-·-·-·- AYPC.F50.0211
- ⑭ - - - - AYPC.F50.0221
- ⑮ ———— AYPC.F50.0220

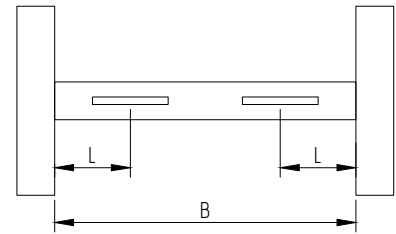
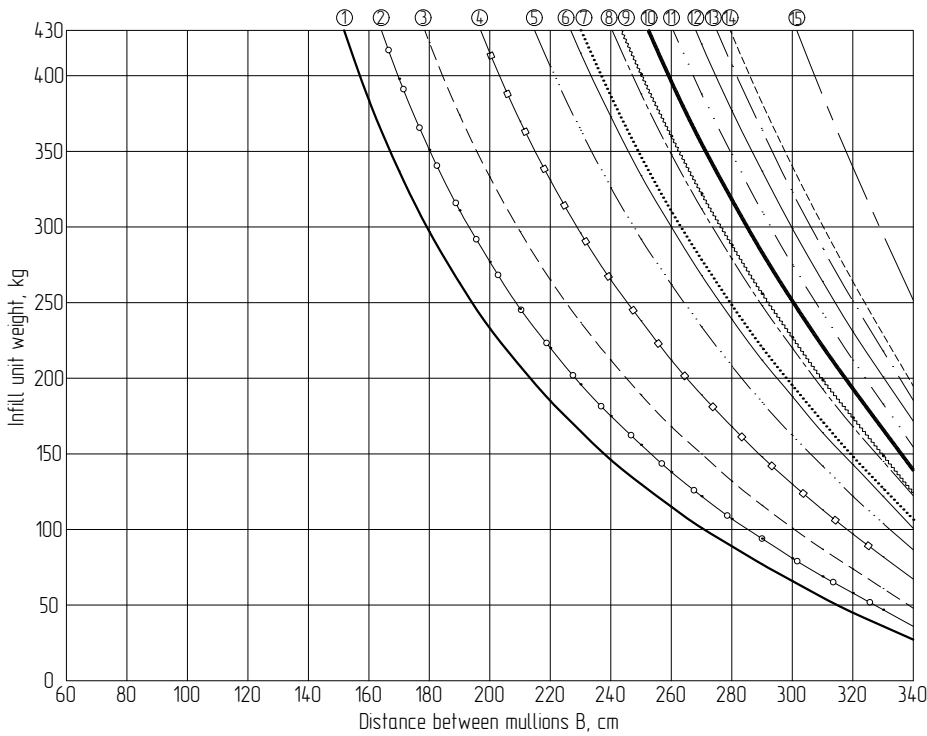
Types of bearing supports



At a distance of $L < 10$ cm, you should contact the manufacturers of glass units for strength calculation of glasses

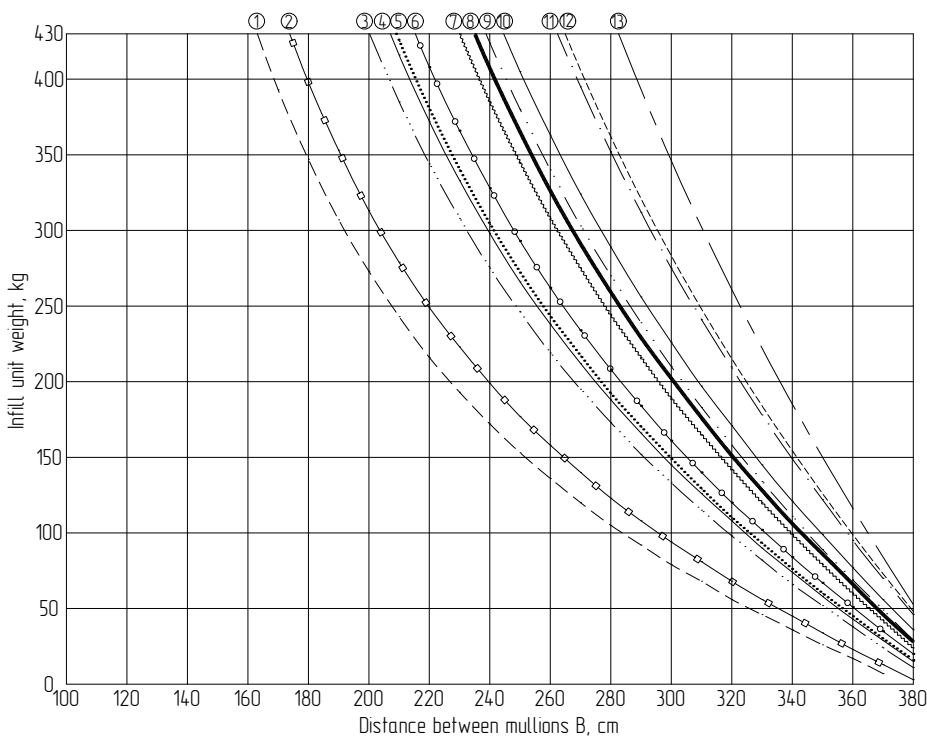
Graphic charts for selection of transoms depending on the load and length

Transoms without reinforcement. Distance from the edge of mullion to the middle of bearing support $L=5$ cm



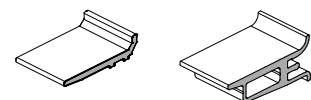
- ① ————— AYPC.F50.0204
- ② ○—○—○—○— AYPC.F50.0214
- ③ - - - - - AYPC.F50.0205
- ④ □—□—□—□— AYPC.F50.0206
- ⑤ - · - · - · AYPC.F50.0207
- ⑥ ———— AYPC.F50.0248
- ⑦ ······ AYPC.F50.0208
- ⑧ - - - - - AYPC.F50.0249
- ⑨ ~~~~~ AYPC.F50.0209
- ⑩ ———— AYPC.F50.0218
- ⑪ - · - · - · AYPC.F50.0210
- ⑫ ———— AYPC.F50.0219
- ⑬ - · - · - · AYPC.F50.0211
- ⑭ - - - - - AYPC.F50.0221
- ⑮ ———— AYPC.F50.0220

Transoms with reinforcement. Distance from the edge of mullion to the middle of bearing support $L=10$ cm



- ① - - - - - AYPC.F50.0205+AYPC.F50.0318
- ② □—□—□—□— AYPC.F50.0206+AYPC.F50.0318
- ③ - · - · - · AYPC.F50.0207+AYPC.F50.0319
- ④ ———— AYPC.F50.0248+AYPC.F50.0319
- ⑤ ······ AYPC.F50.0208+AYPC.F50.0319
- ⑥ ○—○—○—○— AYPC.F50.0249+AYPC.F50.0319
- ⑦ ~~~~~ AYPC.F50.0209+AYPC.F50.0320
- ⑧ ———— AYPC.F50.0218+AYPC.F50.0320
- ⑨ - · - · - · AYPC.F50.0210+AYPC.F50.0320
- ⑩ ———— AYPC.F50.0219+AYPC.F50.0320
- ⑪ - · - · - · AYPC.F50.0211+AYPC.F50.0321
- ⑫ - - - - - AYPC.F50.0221+AYPC.F50.0321
- ⑬ ———— AYPC.F50.0220+AYPC.F50.0319+AYPC.F50.0320

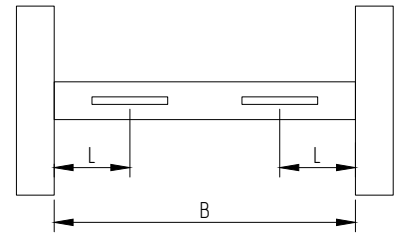
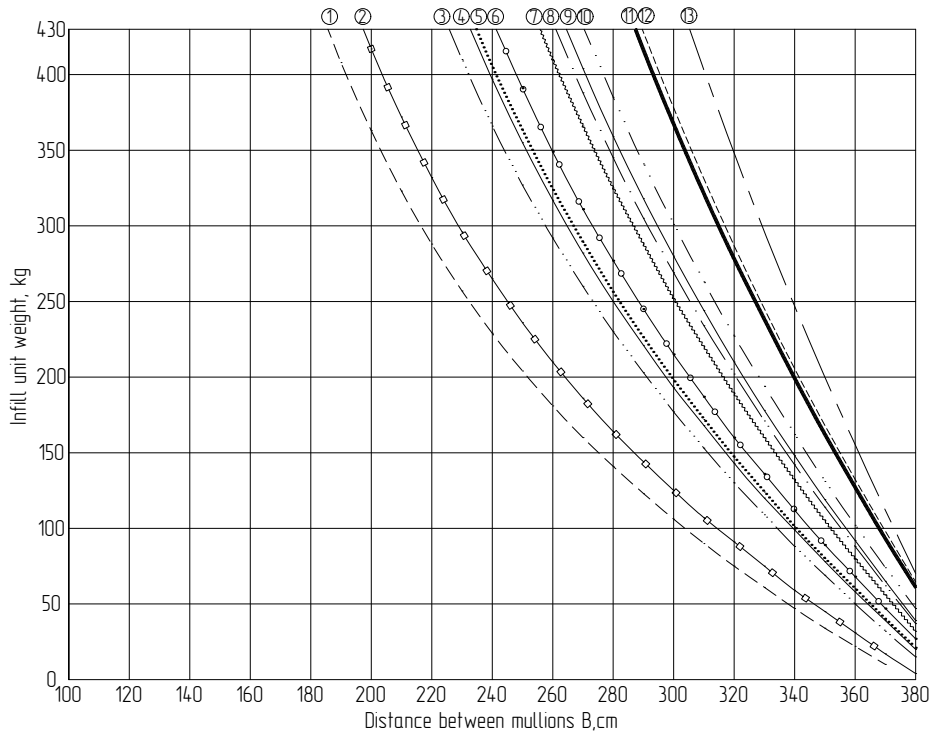
Types of bearing supports



At a distance of $L < 10$ cm, you should contact the manufacturers of glass units for strength calculation of glasses

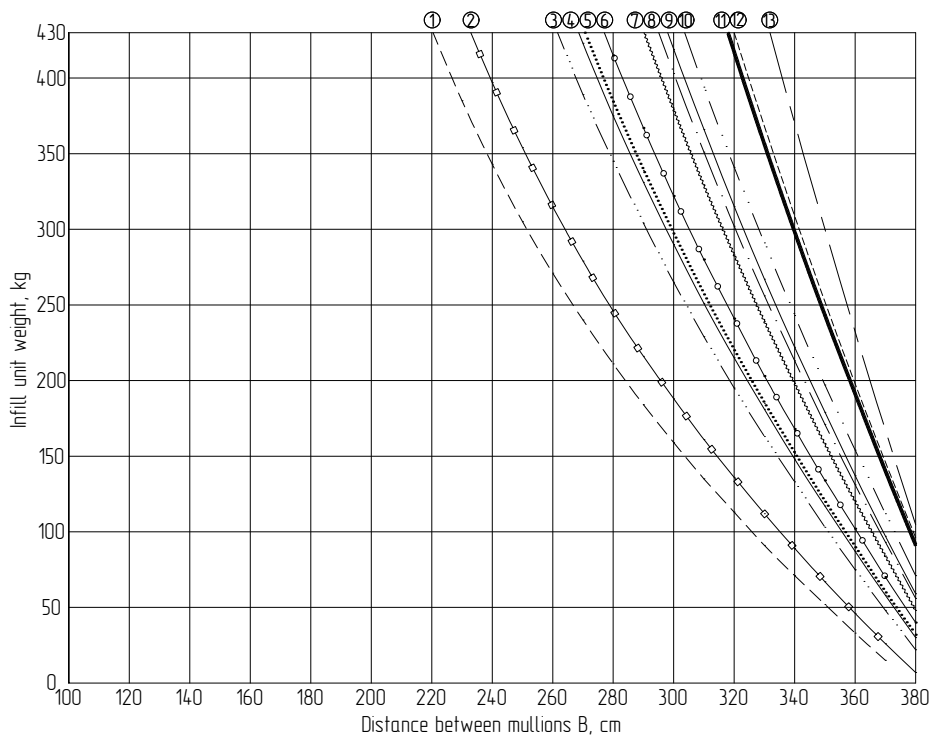
Graphic charts for selection of transoms depending on the load and length

Transoms with reinforcement. Distance from the edge of mullion to the middle of bearing support L=7.5 cm



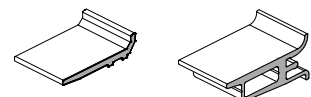
- ① - - - - - AYPC.F50.0205+AYPC.F50.0318
- ② - □ - □ - □ - AYPC.F50.0206+AYPC.F50.0318
- ③ - ······ AYPC.F50.0207+AYPC.F50.0319
- ④ - - - - - AYPC.F50.0248+AYPC.F50.0319
- ⑤ - ······ AYPC.F50.0208+AYPC.F50.0319
- ⑥ - ○ - ○ - ○ - AYPC.F50.0249+AYPC.F50.0319
- ⑦ - ······ AYPC.F50.0209+AYPC.F50.0320
- ⑧ - - - - - AYPC.F50.0218+AYPC.F50.0320
- ⑨ - - - - - AYPC.F50.0210+AYPC.F50.0320
- ⑩ - ······ AYPC.F50.0219+AYPC.F50.0320
- ⑪ - **————** AYPC.F50.0211+AYPC.F50.0321
- ⑫ - - - - - AYPC.F50.0221+AYPC.F50.0321
- ⑬ - - - - - AYPC.F50.0220+AYPC.F50.0319+AYPC.F50.0320

Transoms with reinforcement. Distance from the edge of mullion to the middle of bearing support L=5 cm



- ① - - - - - AYPC.F50.0205+AYPC.F50.0318
- ② - □ - □ - □ - AYPC.F50.0206+AYPC.F50.0318
- ③ - ······ AYPC.F50.0207+AYPC.F50.0319
- ④ - - - - - AYPC.F50.0248+AYPC.F50.0319
- ⑤ - ······ AYPC.F50.0208+AYPC.F50.0319
- ⑥ - ○ - ○ - ○ - AYPC.F50.0249+AYPC.F50.0319
- ⑦ - ······ AYPC.F50.0209+AYPC.F50.0320
- ⑧ - - - - - AYPC.F50.0218+AYPC.F50.0320
- ⑨ - - - - - AYPC.F50.0210+AYPC.F50.0320
- ⑩ - ······ AYPC.F50.0219+AYPC.F50.0320
- ⑪ - **————** AYPC.F50.0211+AYPC.F50.0321
- ⑫ - - - - - AYPC.F50.0221+AYPC.F50.0321
- ⑬ - - - - - AYPC.F50.0220+AYPC.F50.0319+AYPC.F50.0320

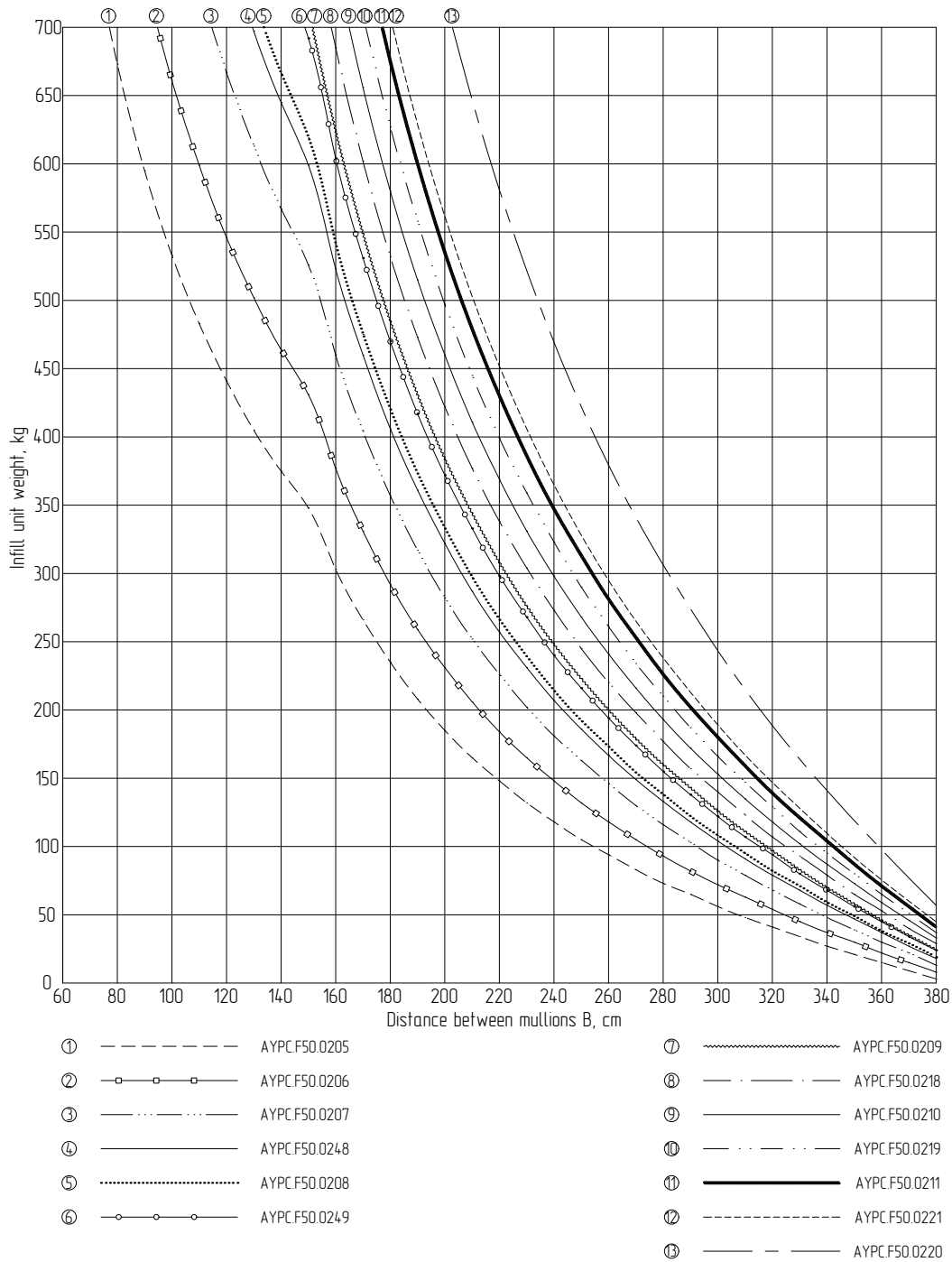
Types of bearing supports



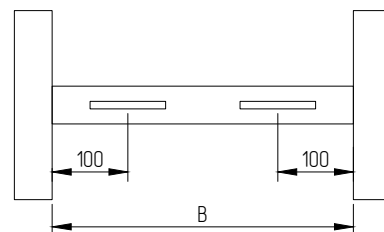
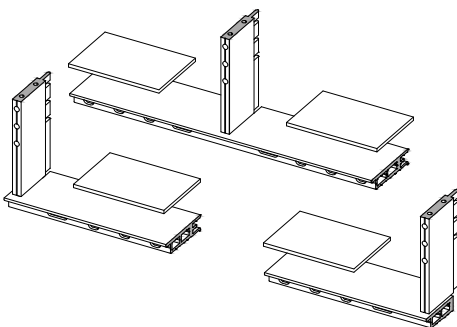
At a distance of L<10 cm, you should contact the manufacturers of glass units for strength calculation of glasses

Graphic charts for selection of transoms depending on the load and length

Transoms without reinforcement. Cross-shaped bearing supports

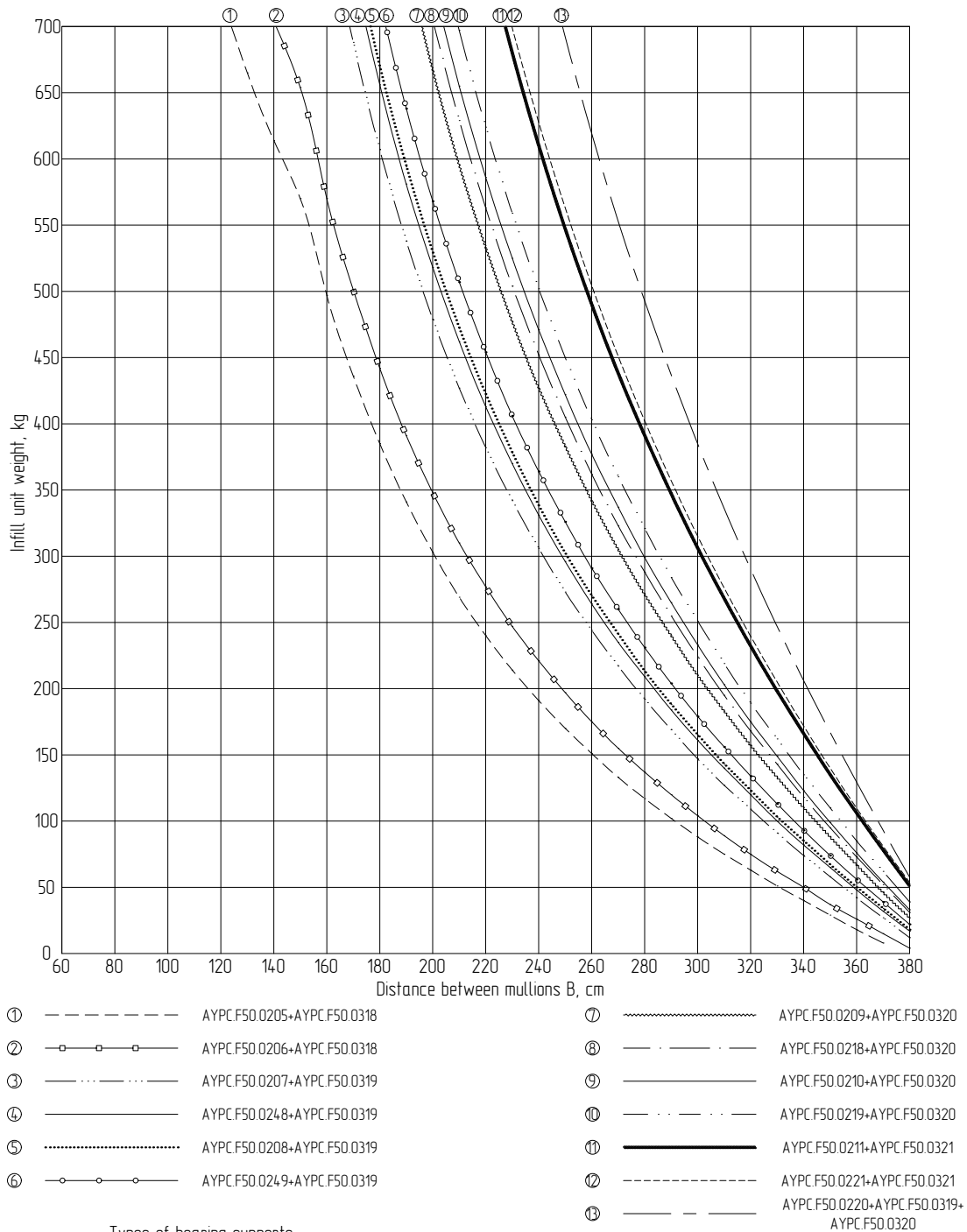


Types of bearing supports

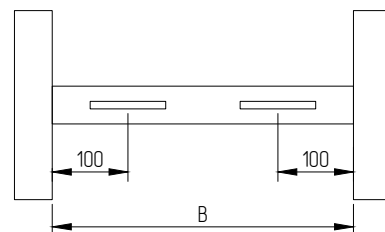
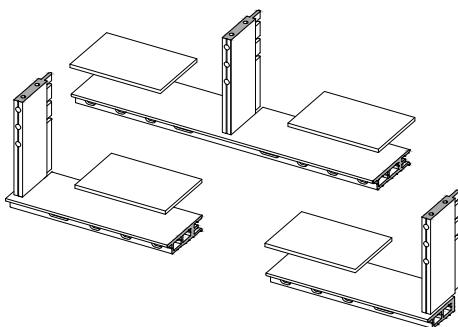


Graphic charts for selection of transoms depending on the load and length

Transoms with reinforcement. Cross-shaped bearing supports

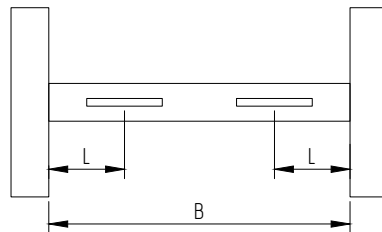
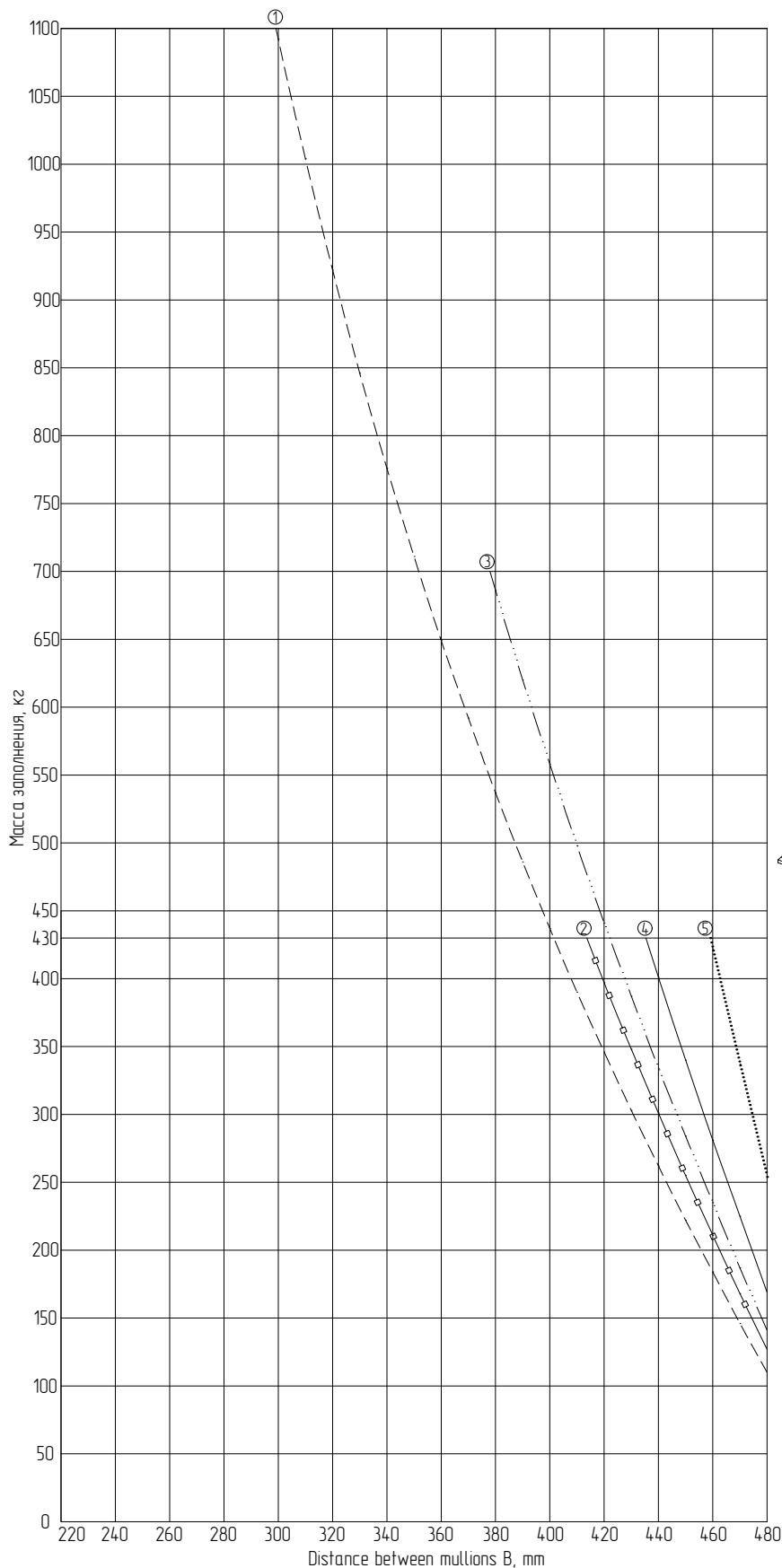


Types of bearing supports

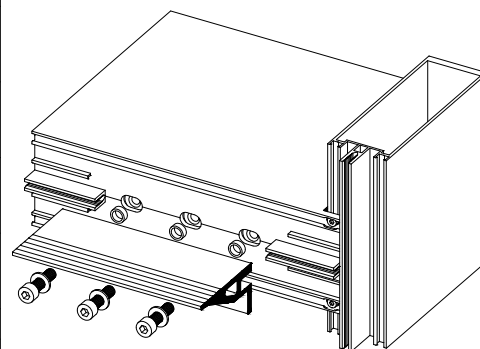


Graphic charts for selection of transoms depending on the load and length

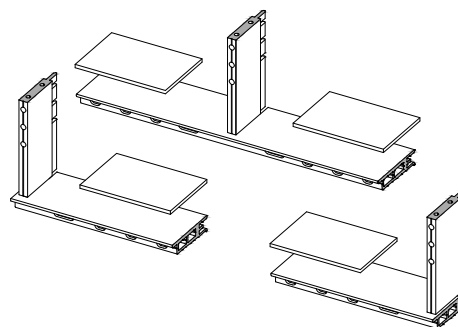
AYPC.F50.0251 Transom



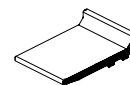
- ① - - - - - bearing supports type 1
- ② - □ - □ - □ - bearing supports type 3 and 4, L=10cm
- ③ ······· bearing supports type 2
- ④ ———— bearing supports type 3 and 4, L=7,5cm
- ⑤ ······· bearing supports type 3 and 4, L=5cm



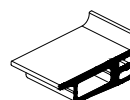
Bearing supports type 2



Bearing supports type 3



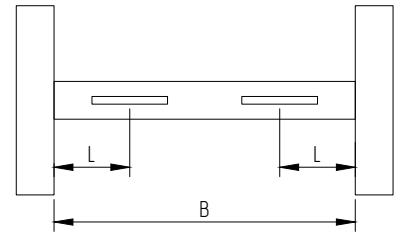
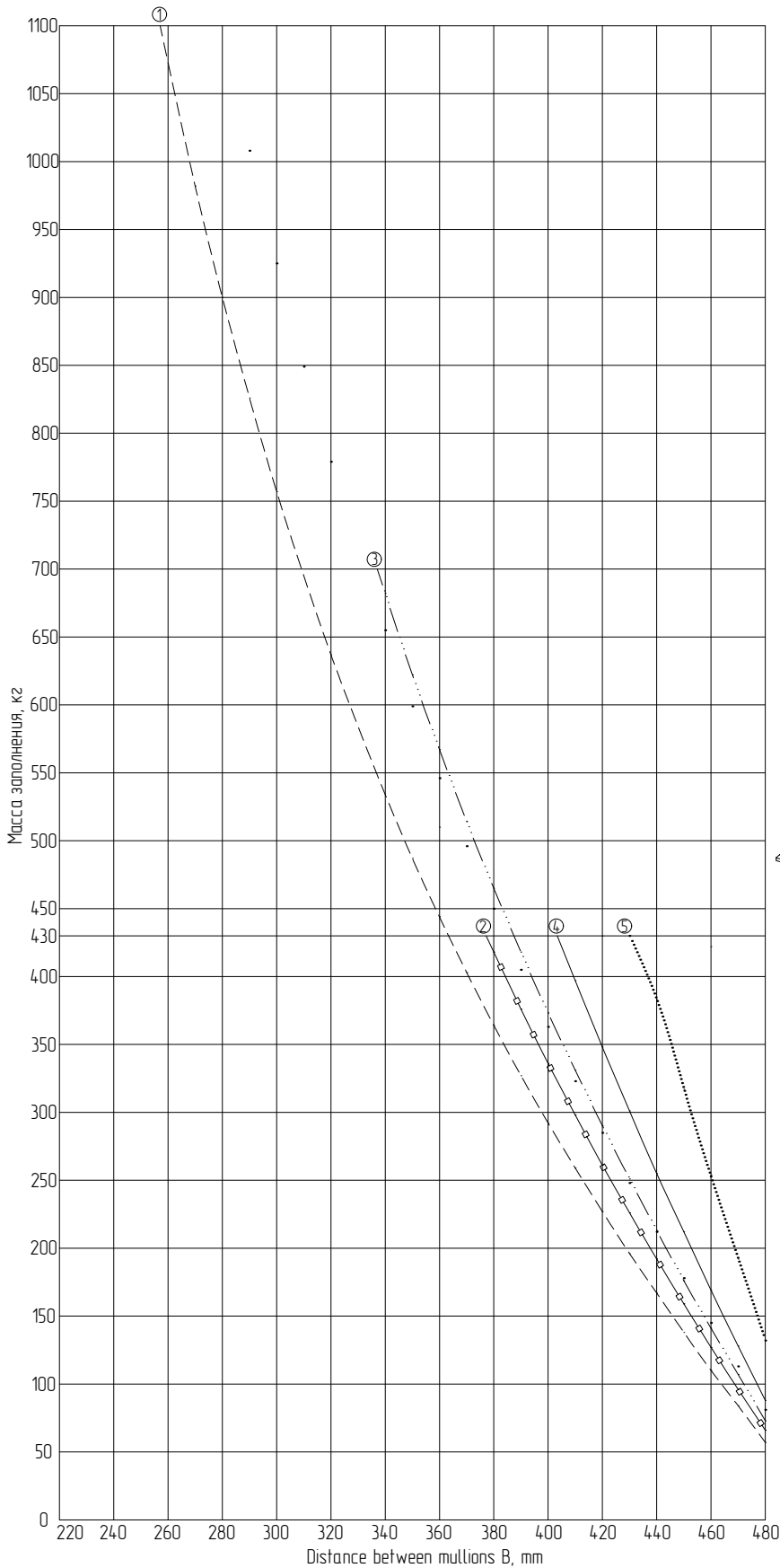
Bearing supports type 4



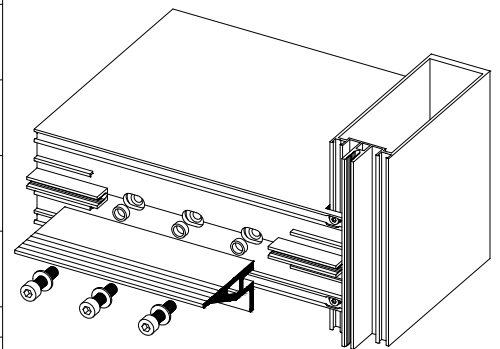
At a distance of L<10 cm, you should contact the manufacturers of glass units for strength calculation of glasses

Graphic charts for selection of transoms depending on the load and length

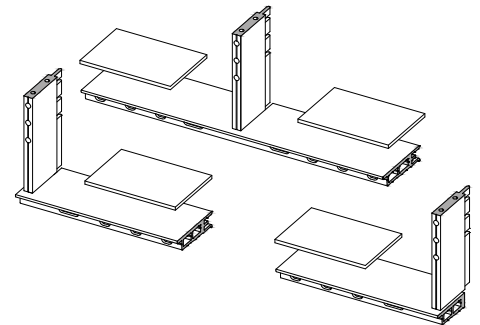
AYPC.F50.0253 Transom



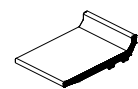
- ① - - - - - bearing supports type 1
- ② - □ - □ - □ - bearing supports type 3 and 4, L=10cm
- ③ - ····· bearing supports type 2
- ④ - - - - - bearing supports type 3 and 4, L=7,5cm
- ⑤ - ····· bearing supports type 3 and 4, L=5cm



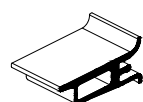
Bearing supports type 2



Bearing supports type 3



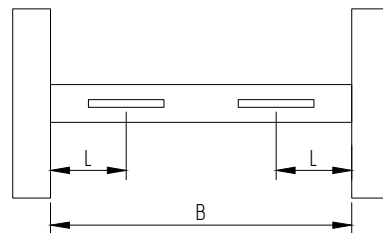
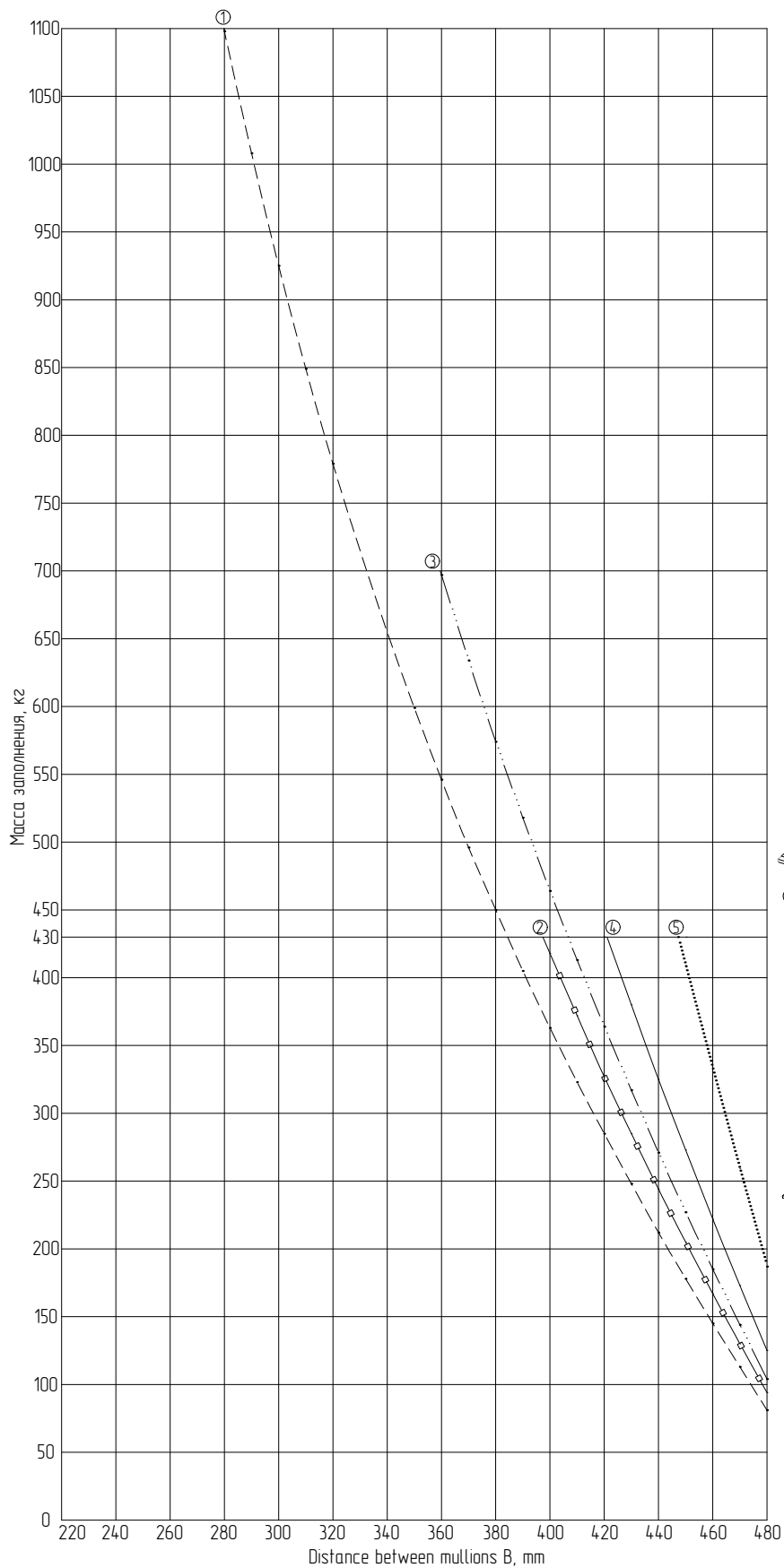
Bearing supports type 4



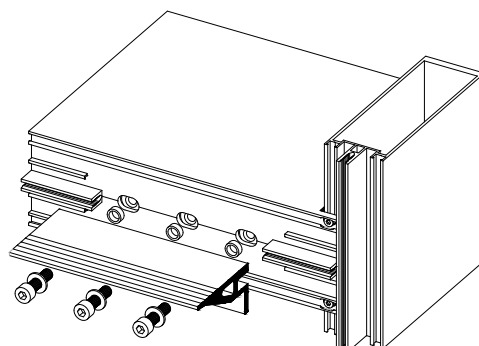
At a distance of L<10 cm, you should contact the manufacturers of glass units for strength calculation of glasses

Graphic charts for selection of transoms depending on the load and length

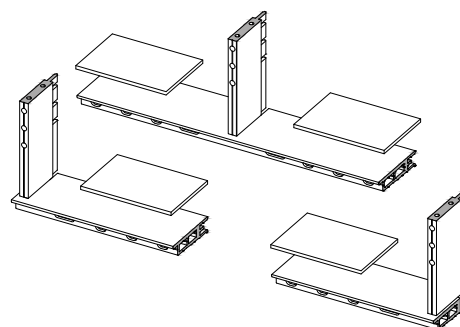
AYPC.F50.0254 Transom



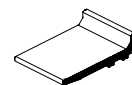
- ① - - - - - bearing supports type 1
- ② - □ - □ - □ - bearing supports type 3 and 4, L=10cm
- ③ - · · · · · bearing supports type 2
- ④ ————— bearing supports type 3 and 4, L=7,5cm
- ⑤ ········· bearing supports type 3 and 4, L=5cm



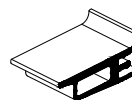
Bearing supports type 2



Bearing supports type 3



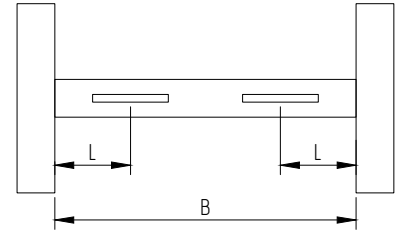
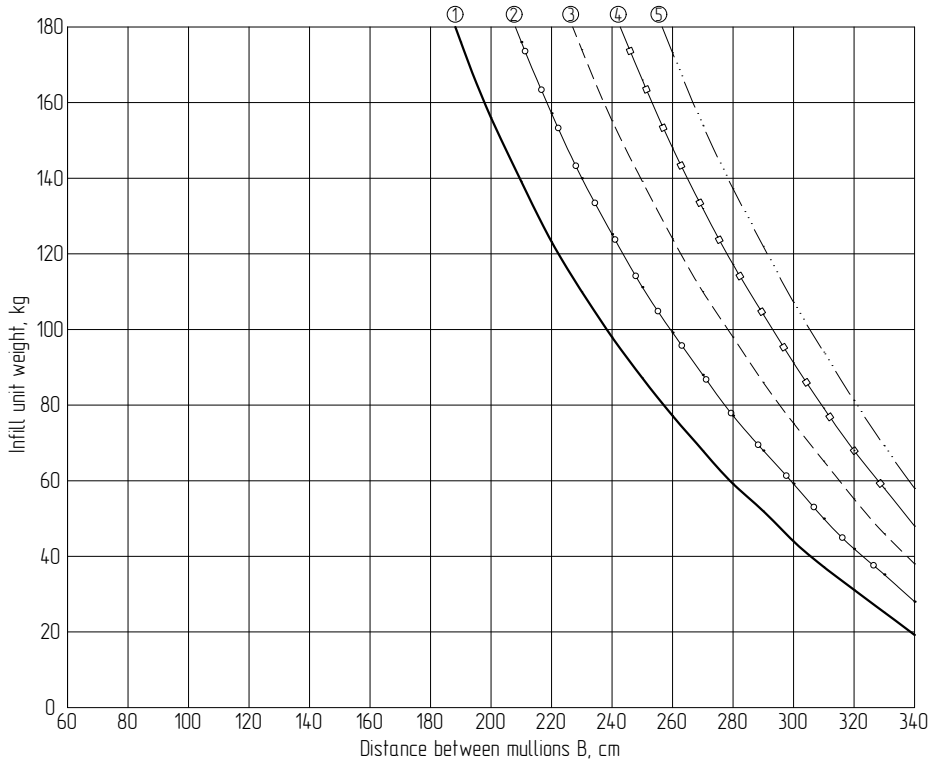
Bearing supports type 4



At a distance of $L < 10$ cm, you should contact the manufacturers of glass units for strength calculation of glasses

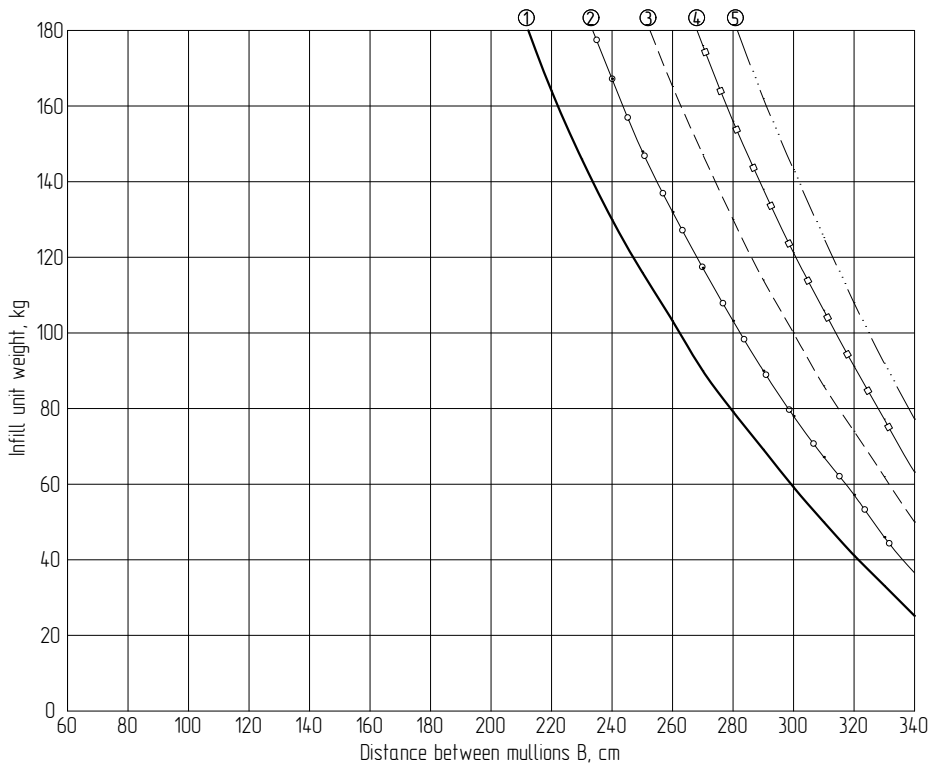
Graphic charts for selection of transoms depending on the load and length

2nd-level transoms without reinforcement. Distance from the edge of mullion to the middle of bearing support $L=10$ cm



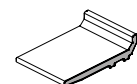
- ① ————— AYPC.F50.0232
- ② —○—○—○— AYPC.F50.0233
- ③ - - - - - AYPC.F50.0234
- ④ —□—□—□— AYPC.F50.0235
- ⑤ —·—·—·—·— AYPC.F50.0236

2nd-level transoms without reinforcement. Distance from the edge of mullion to the middle of bearing support $L=7.5$ cm



- ① ————— AYPC.F50.0232
- ② —○—○—○— AYPC.F50.0233
- ③ - - - - - AYPC.F50.0234
- ④ —□—□—□— AYPC.F50.0235
- ⑤ —·—·—·—·— AYPC.F50.0236

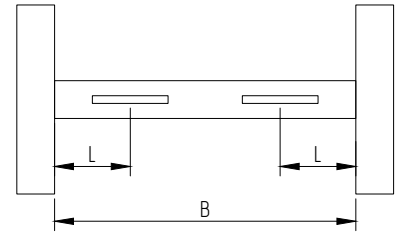
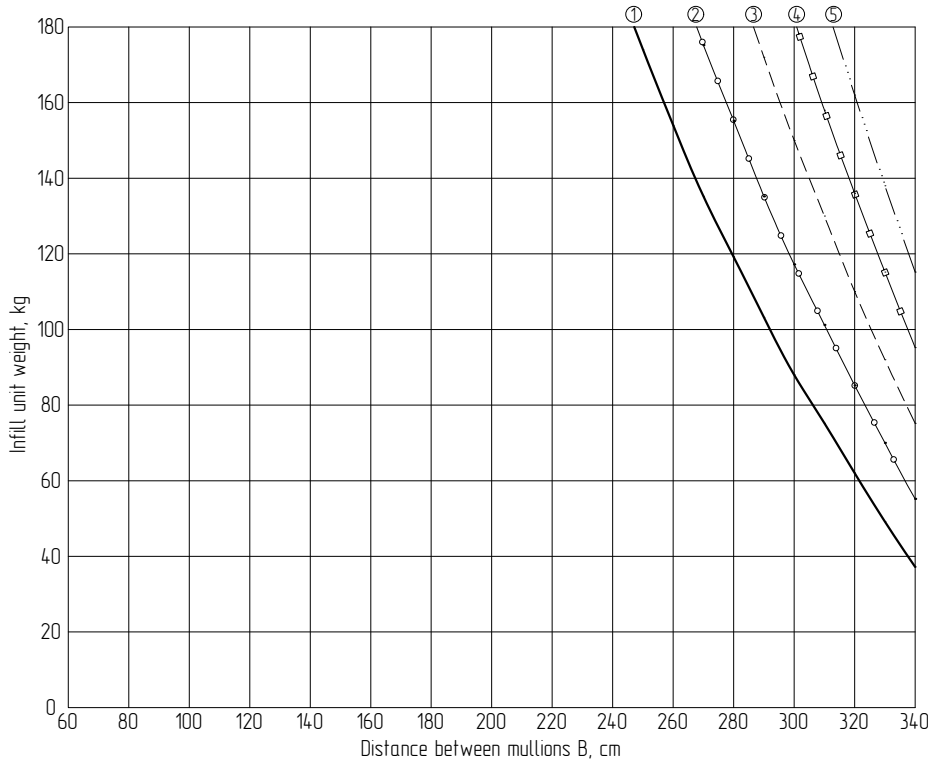
Types of bearing supports



At a distance of $L < 10$ cm, you should contact the manufacturers of glass units for strength calculation of glasses

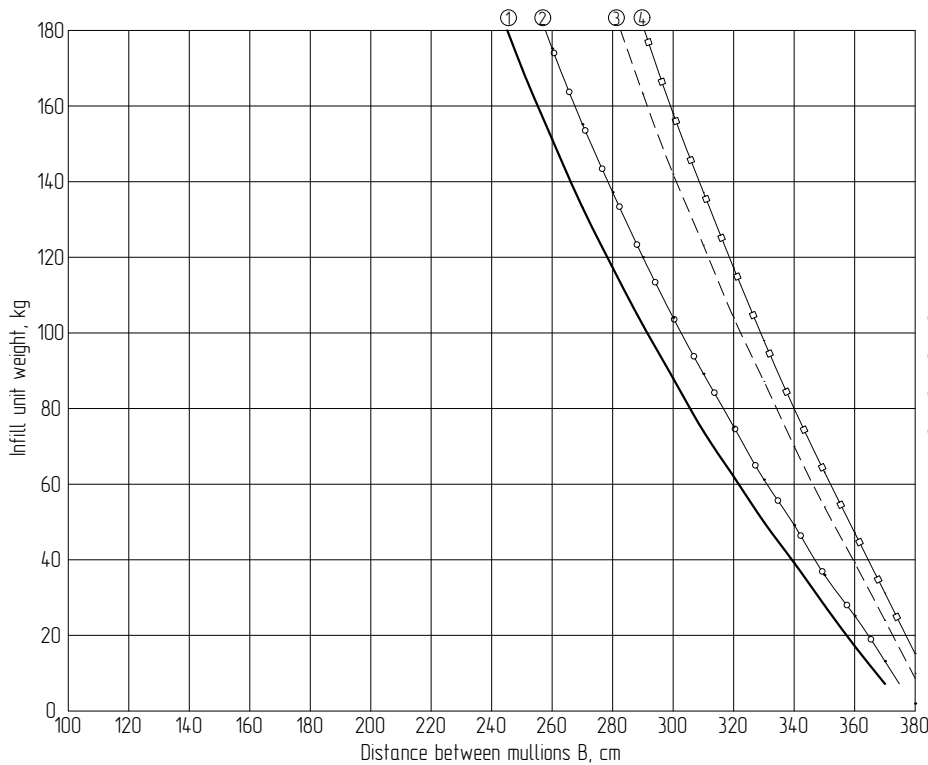
Graphic charts for selection of transoms depending on the load and length

2nd-level transoms without reinforcement. Distance from the edge of mullion to the middle of bearing support $L=5$ cm



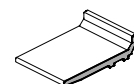
- ① ————— AYPC.F50.0232
- ② —○—○—○— AYPC.F50.0233
- ③ - - - - - AYPC.F50.0234
- ④ —□—□—□— AYPC.F50.0235
- ⑤ - · - · - · - AYPC.F50.0236

2nd-level transoms with reinforcement. Distance from the edge of mullion to the middle of bearing support $L=10$ cm



- ① ————— AYPC.F50.0233+AYPC.F50.0318
- ② —○—○—○— AYPC.F50.0234+AYPC.F50.0318
- ③ - - - - - AYPC.F50.0235+AYPC.F50.0319
- ④ —□—□—□— AYPC.F50.0236+AYPC.F50.0319

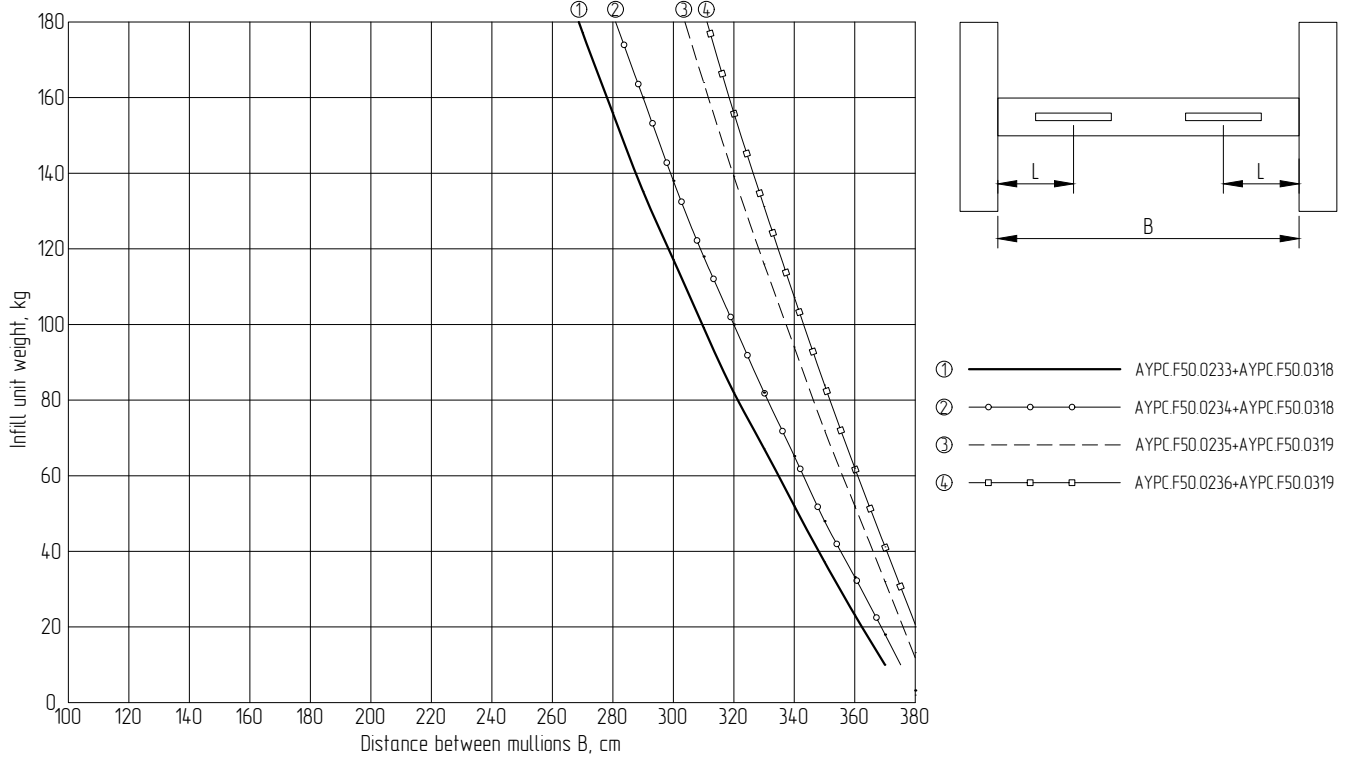
Types of bearing supports



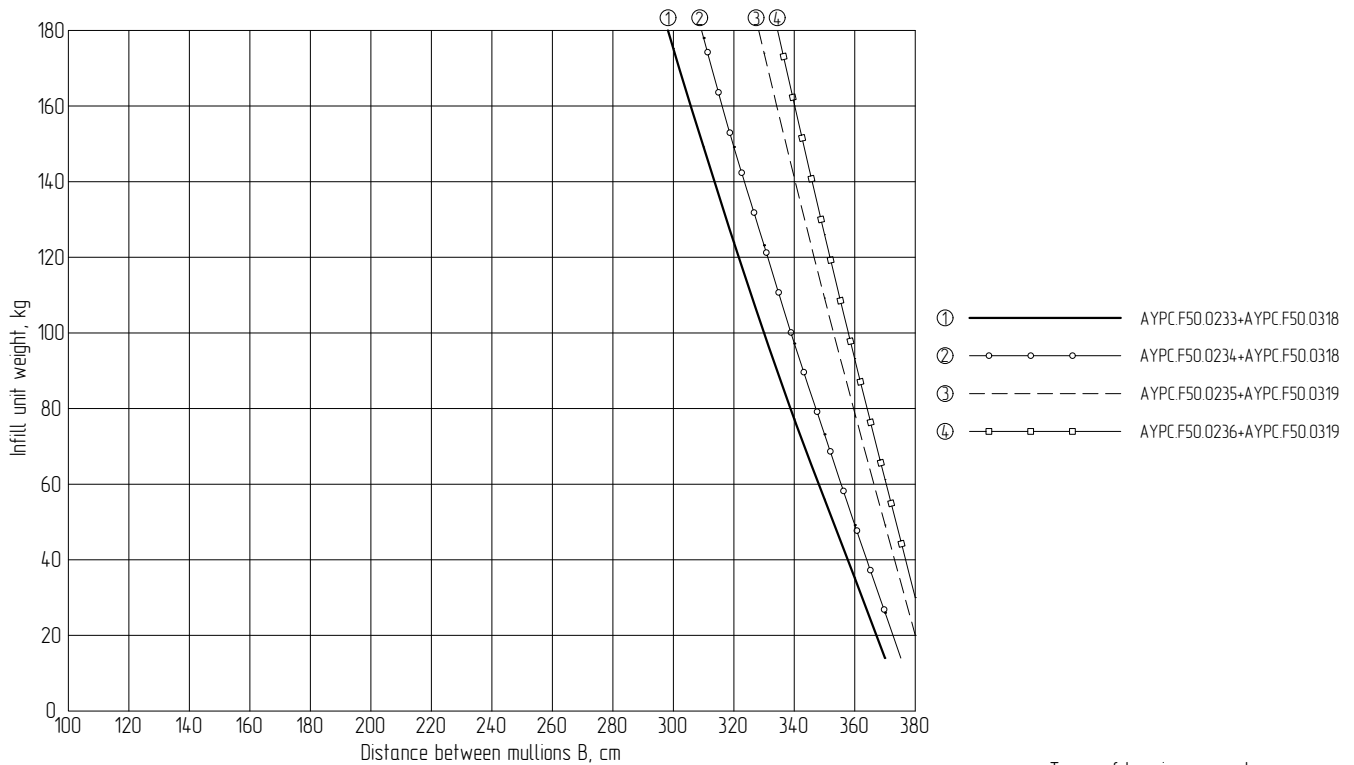
At a distance of $L < 10$ cm, you should contact the manufacturers of glass units for strength calculation of glasses

Graphic charts for selection of transoms depending on the load and length

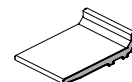
2nd-level transoms with reinforcement. Distance from the edge of mullion to the middle of bearing support $L=7.5$ cm



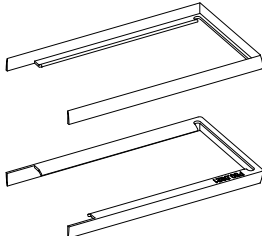
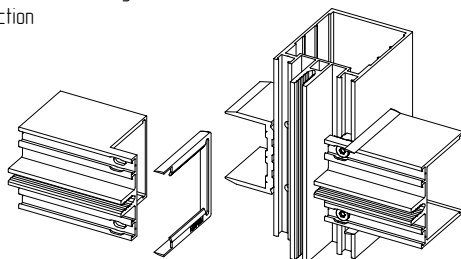
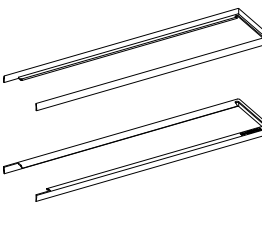
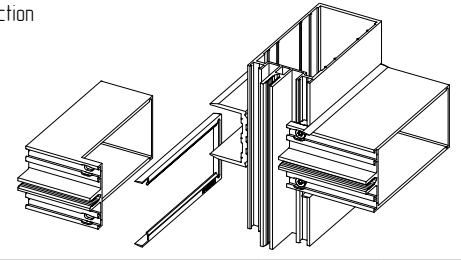
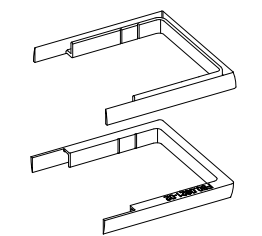
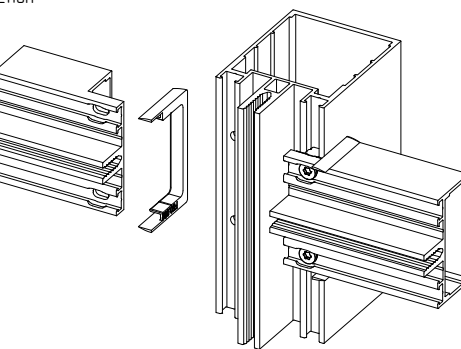
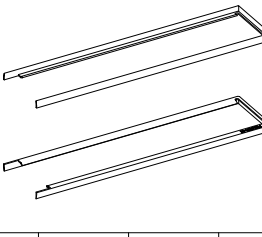
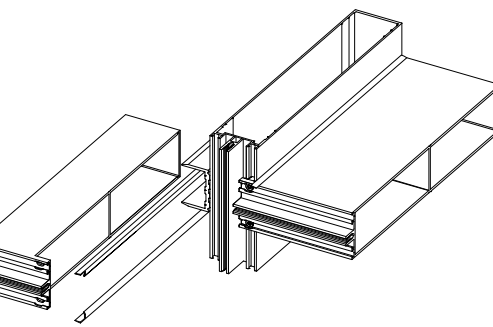
2nd-level transoms with reinforcement. Distance from the edge of mullion to the middle of bearing support $L=5$ cm

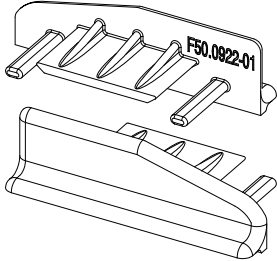
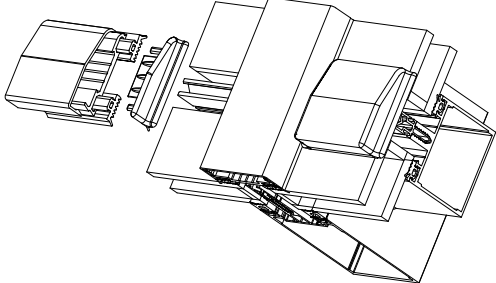
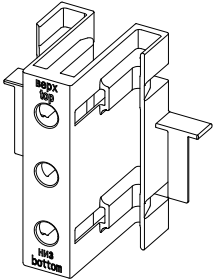
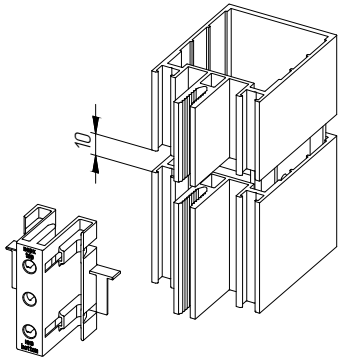
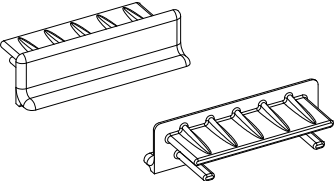
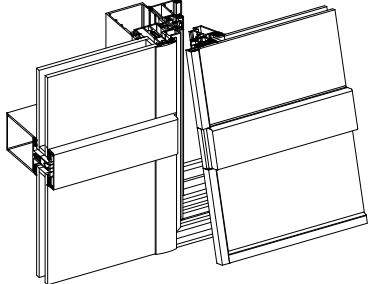
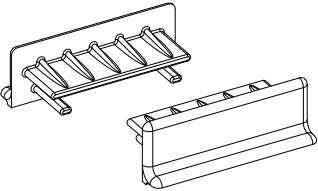
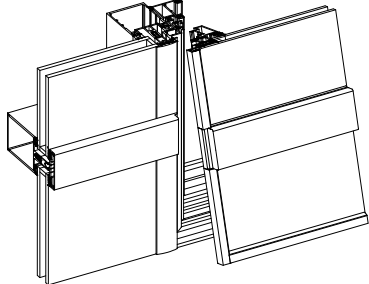


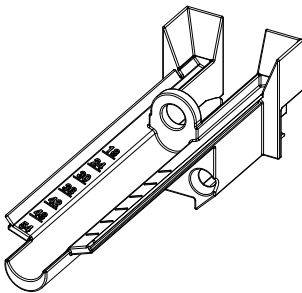
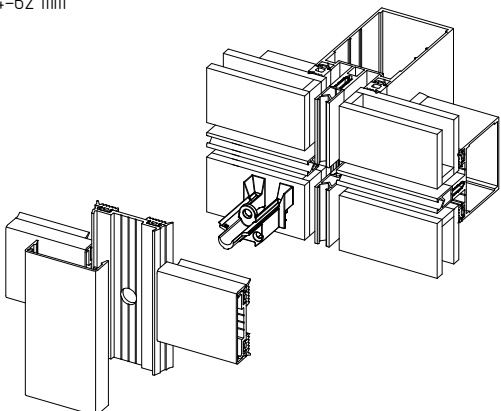

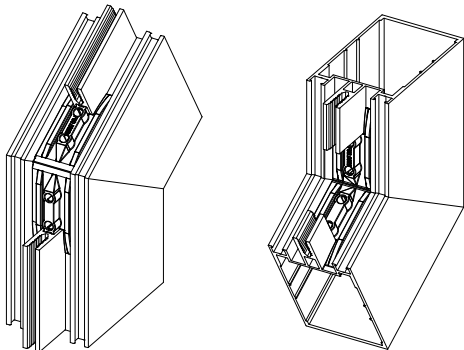
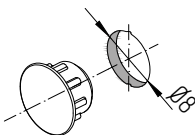
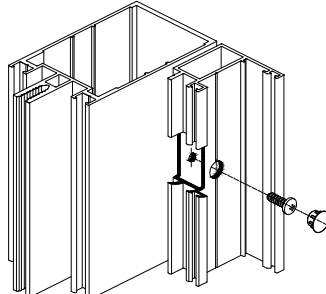
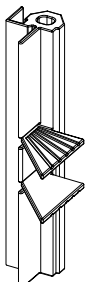
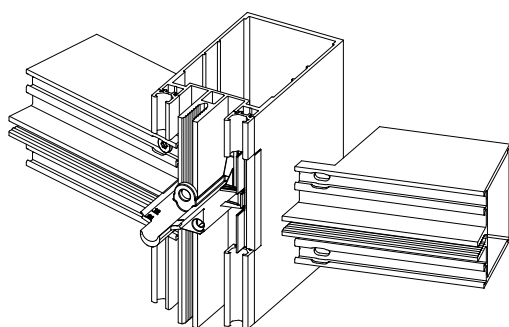
Types of bearing supports

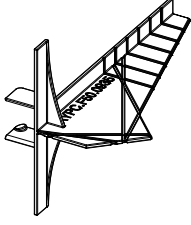
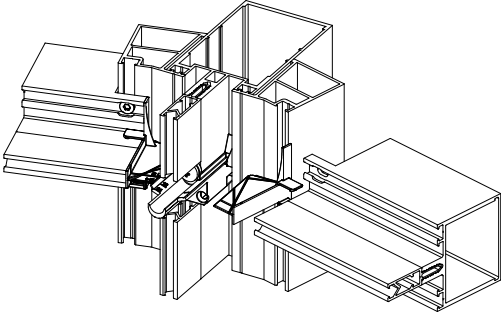
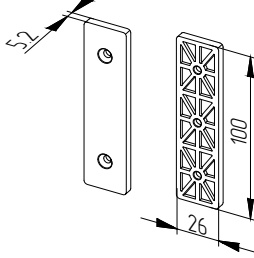
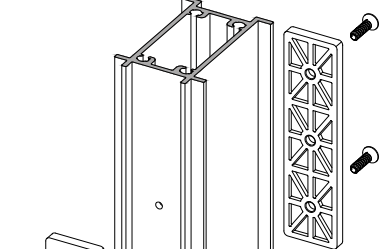
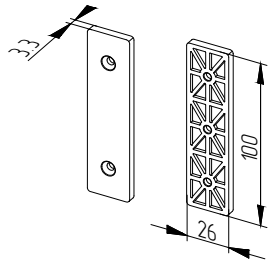
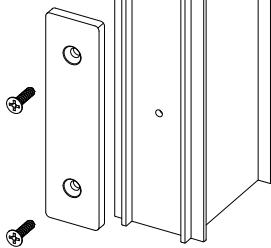
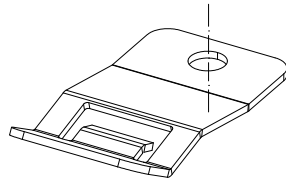
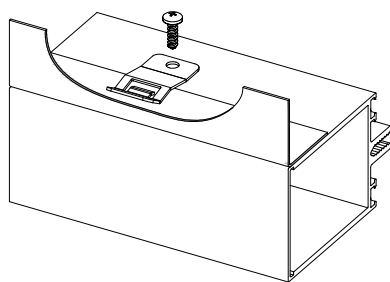


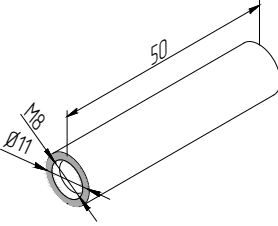
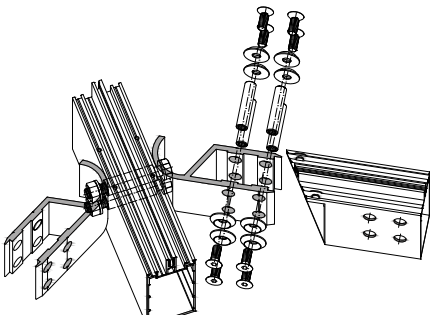
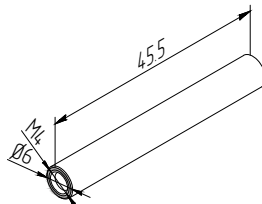
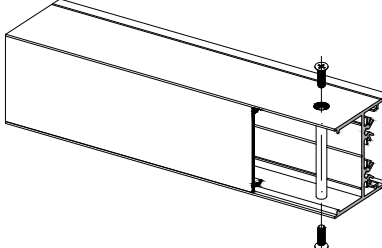
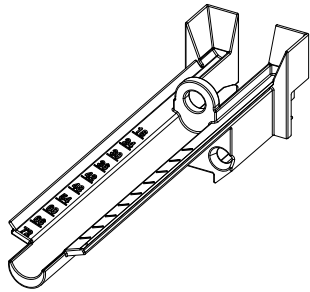
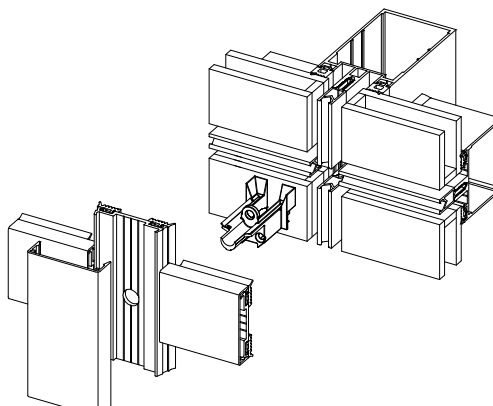
At a distance of $L < 10$ cm, you should contact the manufacturers of glass units for strength calculation of glasses

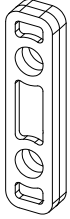
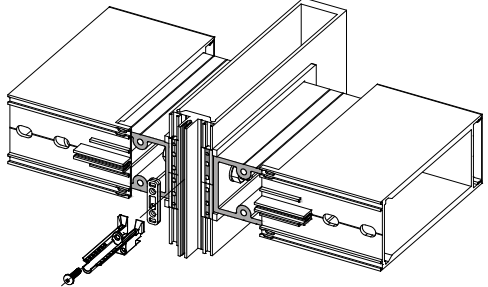
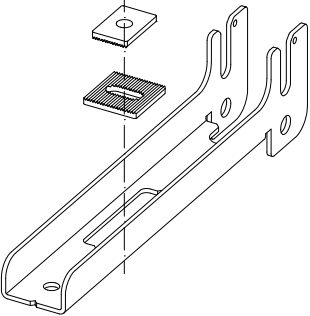
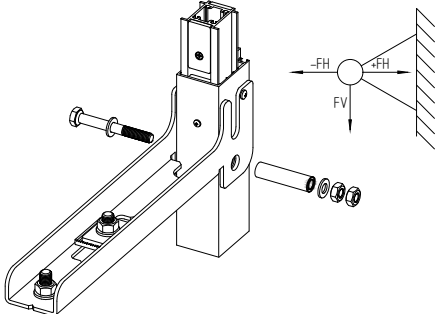
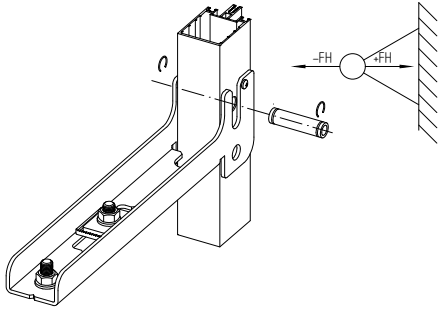
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application								
Transom plug AYPC.F50.0921 				10 (black) 01 (white)	11212100 11212101	0.002	100	0.30	Installed on the edges of the transoms. Performs a decorative function 								
										For transom profile			AYPC.F50.0202	AYPC.F50.0203	AYPC.F50.0204		
										AYPC.F50.0205	AYPC.F50.0206	AYPC.F50.0214					
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td></td> </tr> </table> Unit - pcs				F50	F50 TT	F50 HC	SKL50	●	●								
F50	F50 TT	F50 HC	SKL50														
●	●																
Transom plug AYPC.F50.0921-01 				10 (black) 01 (white)	11212800 11212801	0.004	50	0.30	Installed on the edges of the transoms. Performs a decorative function 								
										For transom profile			AYPC.F50.0207	AYPC.F50.0208	AYPC.F50.0209		
										AYPC.F50.0210	AYPC.F50.0211	AYPC.F50.0218					
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F50	F50 TT	F50 HC	SKL50														
●	●																
Transom plug AYPC.F50.0921-02 				10 (black) 01 (white)	11212000 11212001	0.002	100	0.30	Installed on the edges of the transoms. Performs a decorative function 								
										For transom profile			AYPC.F50.0202	AYPC.F50.0203	AYPC.F50.0204		
										AYPC.F50.3203	-	-					
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F50	F50 TT	F50 HC	SKL50														
●	●																
Transom plug AYPC.F50.0921-06 				10 (black) 01 (white)	11241700 11241701	0.006	50	0.40	Installed on the edges of the transoms. Performs a decorative function 								
										For transom profile			AYPC.F50.0220	AYPC.F50.0221			
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> Unit - pcs				F50	F50 TT	F50 HC	SKL50	●									
F50	F50 TT	F50 HC	SKL50														
●																	

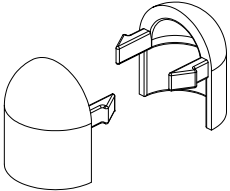
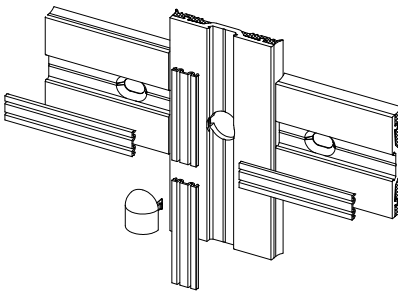
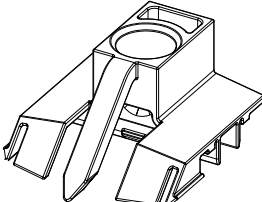
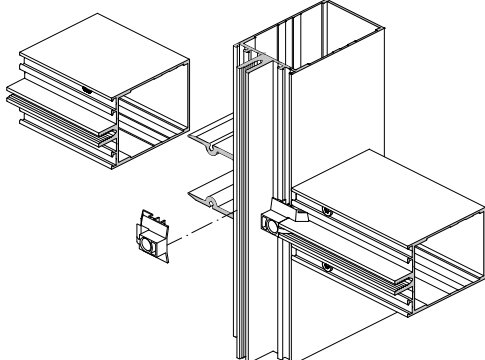
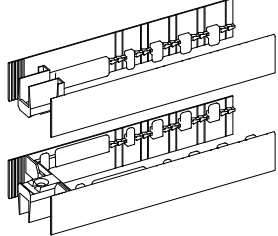
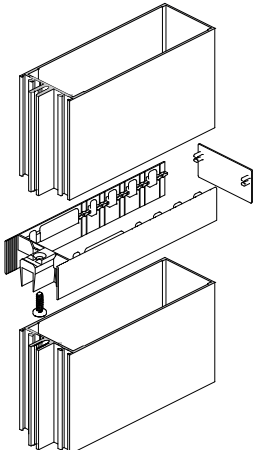
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application				
Cover cap plug kit AYPC.F50.0922 				10 (black) 01 (white)	11212200 11212201	0.003	50	0.25	Installed on the edges of the clamp bar profile and on the cover. Designed to remove moisture from the outer surface of the glass units in inclined buildings. 				
										F50	F50 TT	F50 HC	SKL50
										●			
Unit - kit									Kit: two plugs - left and right For decorative cap profile AYPC.F50.0502 For clamp bar profile AYPC.F50.0602				
Mullion plug AYPC.F50.0925 				-	111212500	0.012	50	0.70	Installed at the place of connection of two mullions vertically. It ensures moisture transfer 				
										F50	F50 TT	F50 HC	SKL50
										●			
Unit - pcs													
Cover cap plug AYPC.F50.0927 				10 (black) 01 (white)	11212700 11212701	0.004	100	0.50	Installed on the edges of the clamp bar profile and on the decorative cover. Performs a decorative function 				
										F50	F50 TT	F50 HC	SKL50
										●			
Unit - pcs									For decorative cap profile AYPC.F50.0504 For clamp bar profile AYPC.F50.0601				
Cover cap plug AYPC.F50.0927-01 				10 (black) 01 (white)	11214000 11214001	0.004	100	0.50	It is installed on the edges of the clamp bar profile and on the decorative cover. Performs a decorative function 				
										F50	F50 TT	F50 HC	SKL50
										●			
Unit - pcs									For decorative cap profile AYPC.F50.0503 For clamp bar profile AYPC.F50.0601				

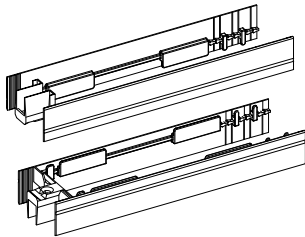
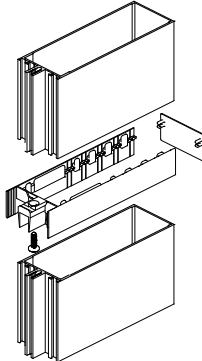
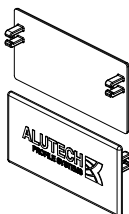
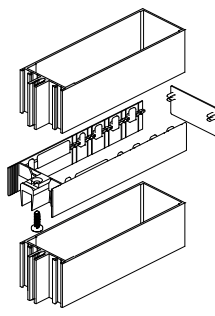
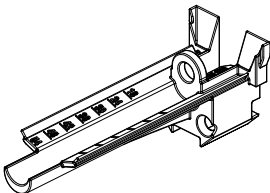
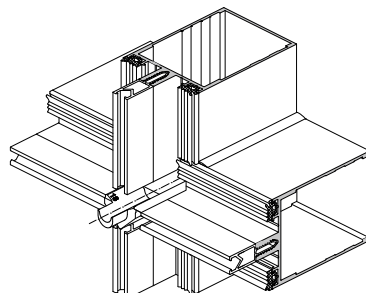
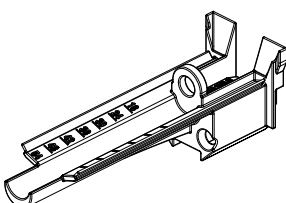
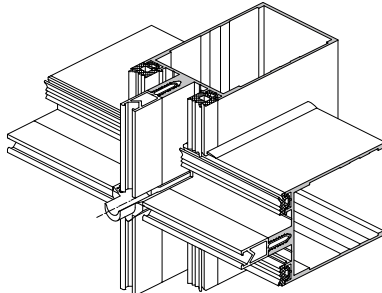
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application
Drip drain AYPC.F50.0928 				-	11213100	0.010	50	0.60	Installed on a mullion. Designed to remove moisture. Provides air circulation and steam pressure equalization. Infill unit thickness 4-62 mm 
F50	F50 TT	F50 HC	SKL50						
●									
Unit - pcs									
Plug of mullion break AYPC.F50.0929 				-	11213000	0.006	24	0.25	Installed at the mullion break. Provides transfer of moisture and tightness of the connection 
F50	F50 TT	F50 HC	SKL50						
●									
Unit - pcs									
Decorative plug 8mm AYPC.F50.0932 				10 (black) 01 (white)	11219900 11219901	0.001	100	0.20	Designed for installation in a hole formed during drilling, for connection of profiles with self-tapping screws 
F50	F50 TT	F50 HC	SKL50						
●									
Unit - pcs									
Plug AYPC.F50.0934 				-	15101100	0.003	100	0.40	Designed to seal the junction of mullion with transom in case of an external break of glass structures 
F50	F50 TT	F50 HC	SKL50						
●									
Unit - pcs									

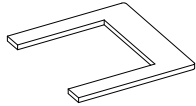
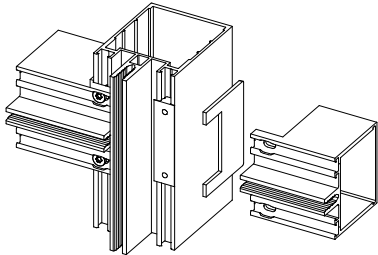

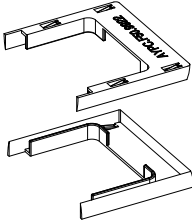
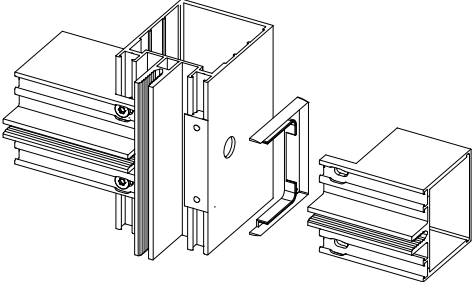
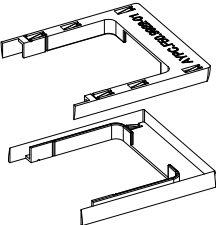
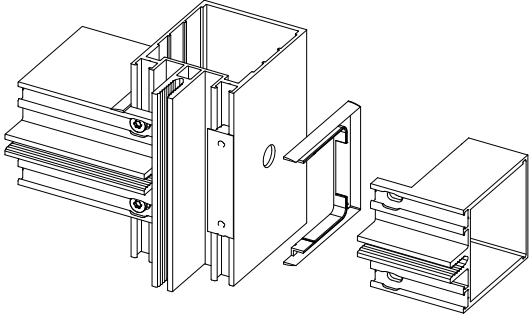
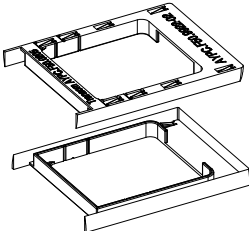
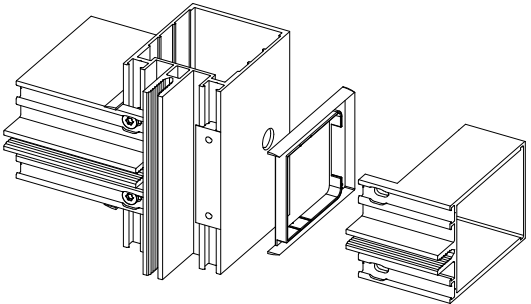
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application
Plug AYPC.F50.0935 				-	11241300	0.003	20	0.10	Designed to seal the junction of mullion with transom in case of an internal break of glass structures 
F50	F50 TT	F50 HC	SKL50						
●									
Unit - pcs									
Insert AYPC.F50.0936 				-	11241400	0.015	120	1.90	Designed for fastening to the reinforcing profile at the junction along the length of mullion profiles 
F50	F50 TT	F50 HC	SKL50						
●	●		●						
Unit - pcs									
Insert AYPC.F50.0937 				-	11241500	0.010	180	1.90	
F50	F50 TT	F50 HC	SKL50						
●			●						
Unit - pcs									
Clip AYPC.F50.0991 				-	11327200	0.004	50	0.25	Designed to fix casings 
F50	F50 TT	F50 HC	SKL50						
●	●		●						
Unit - pcs									

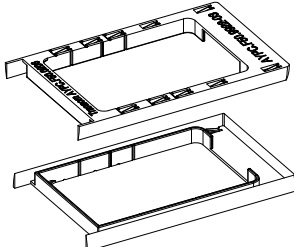
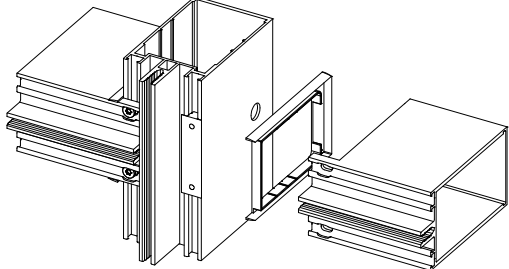
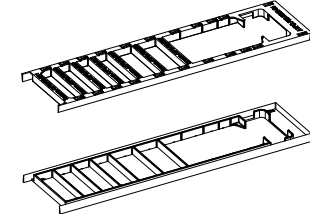
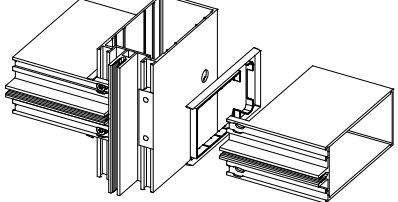
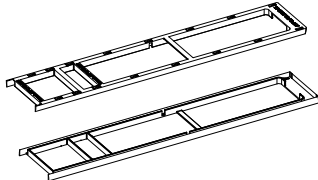
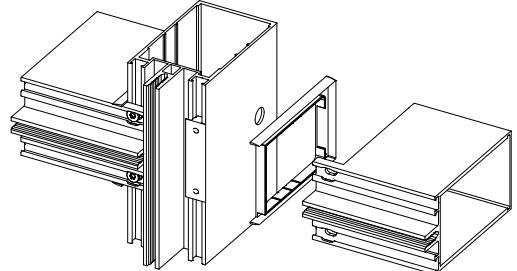
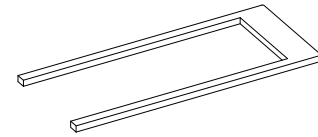
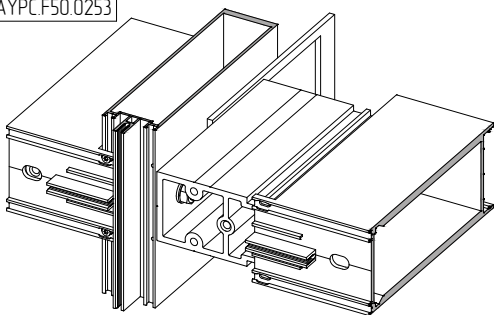
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application								
<p>Bush AYPC.F50.0995</p> 	-	18104100	0.02	100	2.1	<p>Used to connect transoms with mullions and used together with 8-A2 DIN9081 washers and M8x20-A2 DIN7991 screws</p> 								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td>●</td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●			●						
F50	F50 TT	F50 HC	SKL50											
●			●											
<p>Bush AYPC.F50.0996</p> 	-	11291500	0.01	50	0.60	<p>Used to fix AYPC.F50.0939 cap in AYPC.F50.0533 and AYPC.F50.0535 cap profiles with M4x12-A2ISO14581 screws</p> 								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●									
F50	F50 TT	F50 HC	SKL50											
●														
<p>Drip drain AYPC.F50.0998</p> 	-	11238900	0.012	50	0.65	<p>Installed on a mullion. Designed to remove moisture. Provides air circulation and steam pressure equalization. Infill unit thickness 64-68 mm</p> 								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●									
F50	F50 TT	F50 HC	SKL50											
●														

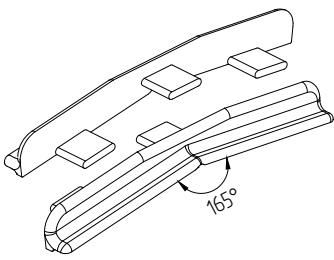
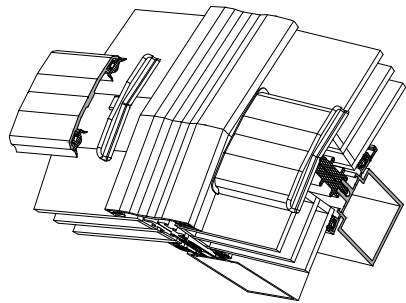
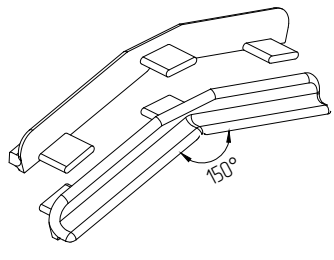
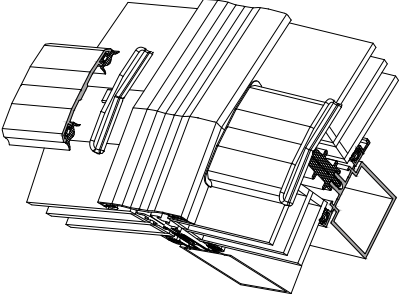
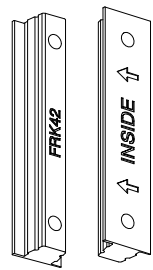
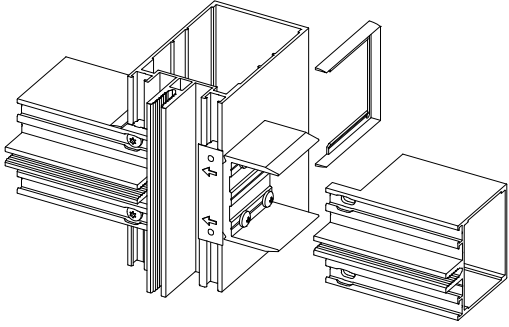
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application								
<p>Support AYPC.F50.1945</p>  <table border="1" data-bbox="140 931 497 994"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit – pcs</p>	F50	F50 TT	F50 HC	SKL50	●				-	11325900	0.004	200	0.90	<p>Designed for distancing the AYPC.F50.0928 drip drain when mounted on AYPC.F50.0112 mullion</p> 
F50	F50 TT	F50 HC	SKL50											
●														
<p>Bearing AYPC.F50.2926</p>  <table border="1" data-bbox="140 2029 497 2092"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit – pcs</p>	F50	F50 TT	F50 HC	SKL50	●				00	11239600	1.47	6	8.9	<p>Used for fastening mullions to floor slabs</p>   <p>Kit: steel bearing and two washers</p>
F50	F50 TT	F50 HC	SKL50											
●														

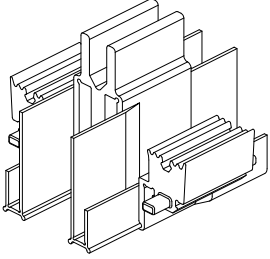
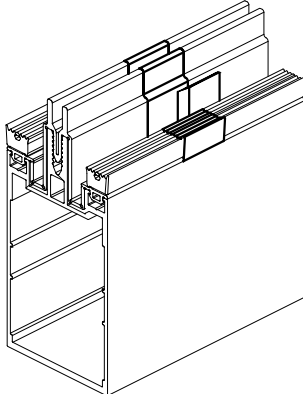
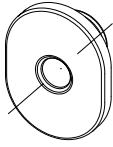
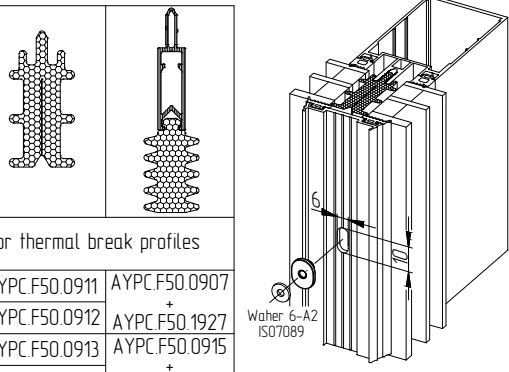
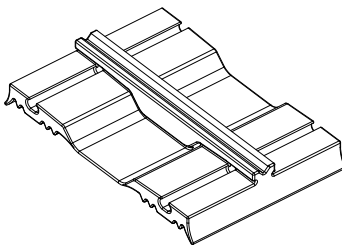
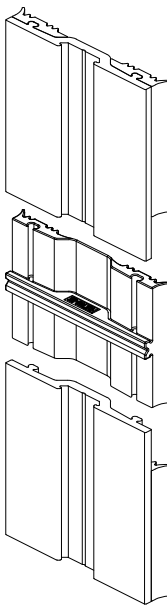
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application													
<p>Drip drain stop plug AYPC.F50.3922</p> 				10 (black) 01 (white)	11275100 11275101	0.001	100	0.10	Installed on AYPC.F50.0624 clamp bars 													
										F50	F50 TT	F50 HC	SKL50									
										●												
Unit - pcs																						
<p>Drip drain stop plug AYPC.F50.3924</p> 				-	11275300	0.002	50	0.20	Installed on a transom. It is intended to remove moisture and seal a joint of profiles. Used when connecting two transoms overlapped. 													
										F50	F50 TT	F50 HC	SKL50									
										●												
Unit - pcs																						
<p>Mullion plug AYPC.F50.3925</p> 				10 (black) 01 (white)	11275400 11275401	0.021	30	0.70	Installed at the junction of two vertical profiles. Provides moisture transfer and performs a decorative function 													
										F50	F50 TT	F50 HC	SKL50									
										●												
Unit - pcs																						
									Kit: the AYPC.F50.3925 plug delivered with the AYPC.F50.3926 end plug <table border="1"> <tr> <td rowspan="4">For mullion profile</td> <td>AYPC.F50.3102</td> <td>AYPC.F50.3103</td> <td>AYPC.F50.3104</td> </tr> <tr> <td>AYPC.F50.3105</td> <td>AYPC.F50.3106</td> <td>-</td> </tr> <tr> <td>AYPC.F50.3205</td> <td>AYPC.F50.3206</td> <td>AYPC.F50.3207</td> </tr> <tr> <td>AYPC.F50.3208</td> <td>AYPC.F50.3209</td> <td>-</td> </tr> </table>	For mullion profile	AYPC.F50.3102	AYPC.F50.3103	AYPC.F50.3104	AYPC.F50.3105	AYPC.F50.3106	-	AYPC.F50.3205	AYPC.F50.3206	AYPC.F50.3207	AYPC.F50.3208	AYPC.F50.3209	-
For mullion profile	AYPC.F50.3102	AYPC.F50.3103	AYPC.F50.3104																			
	AYPC.F50.3105	AYPC.F50.3106	-																			
	AYPC.F50.3205	AYPC.F50.3206	AYPC.F50.3207																			
	AYPC.F50.3208	AYPC.F50.3209	-																			

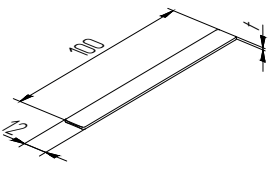
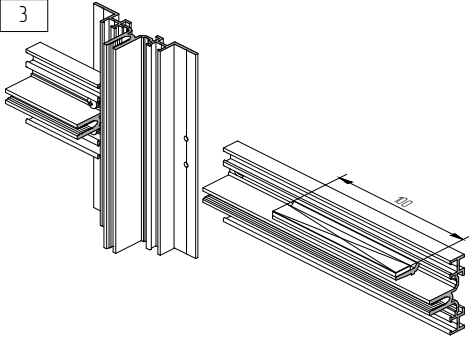
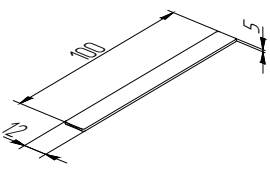
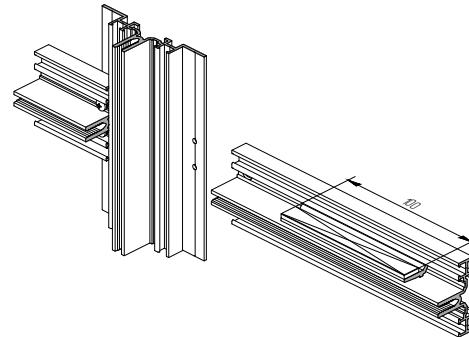
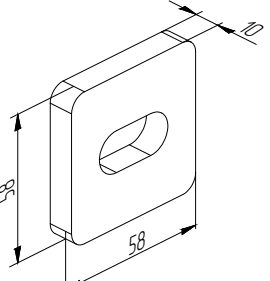
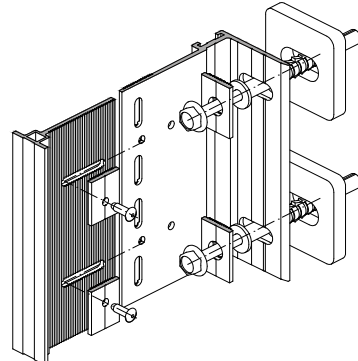
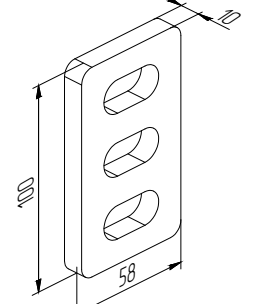
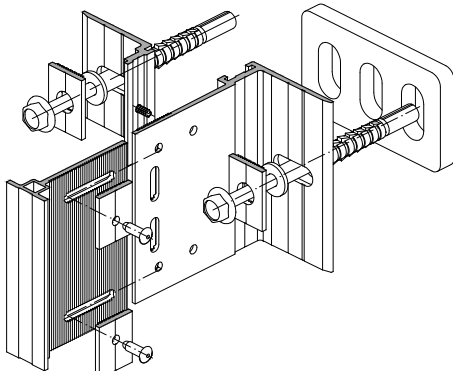
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application						
Mullion plug AYPC.F50.3925-01 				10 (black) 01 (white)	11275800 11275801	0.026	24	0.70	Installed at the junction of two vertical profiles. Provides moisture transfer and performs a decorative function  Kit: the AYPC.F50.3925-01 plug delivered with the AYPC.F50.3926 end plug						
										F50	F50 TT	F50 HC	SKL50		
										Unit - pcs					
									For mullion profile <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>AYPC.F50.3107</td> <td>AYPC.F50.3108</td> <td>AYPC.F50.3109</td> </tr> <tr> <td>AYPC.F50.3210</td> <td>AYPC.F50.3211</td> <td>AYPC.F50.3212</td> </tr> </table>	AYPC.F50.3107	AYPC.F50.3108	AYPC.F50.3109	AYPC.F50.3210	AYPC.F50.3211	AYPC.F50.3212
AYPC.F50.3107	AYPC.F50.3108	AYPC.F50.3109													
AYPC.F50.3210	AYPC.F50.3211	AYPC.F50.3212													
Mullion plug AYPC.F50.3926 				10 (black) 01 (white)	11275500 11275501	0.002	-	-	Installed on the ends of AYPC.F50.3925, AYPC.F50.3925-01 plugs 						
										F50	F50 TT	F50 HC	SKL50		
										Unit - pcs					
Drip drain AYPC.F50.3928 				-	11275600	0.008	50	0.50	Installed on a transom used as a mullion. Designed to remove moisture. Provides air circulation and steam pressure equalization 						
										F50	F50 TT	F50 HC	SKL50		
										Unit - pcs					
Drip drain AYPC.F50.3928-01 				-	11275700	0.009	50	0.56	Installed on the mullions. Designed to remove moisture. Provides air circulation and steam pressure equalization 						
										F50	F50 TT	F50 HC	SKL50		
										Unit - pcs					

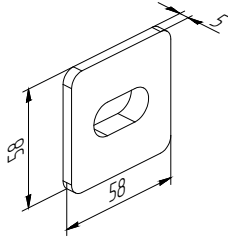
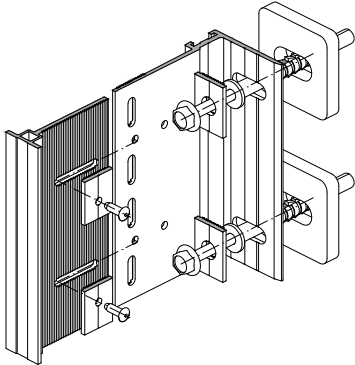
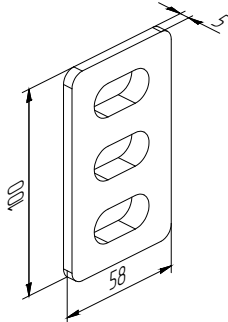
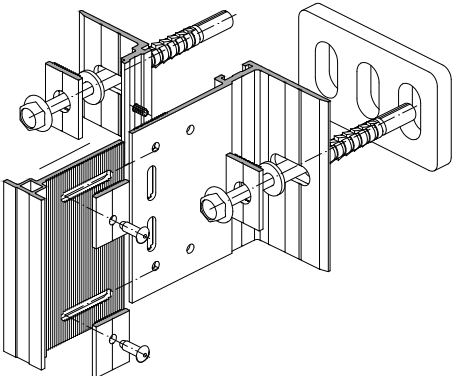
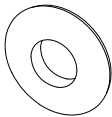
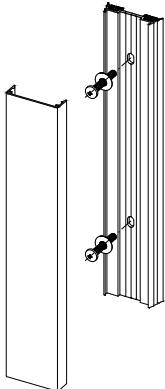
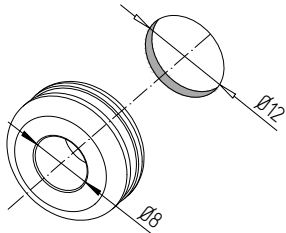
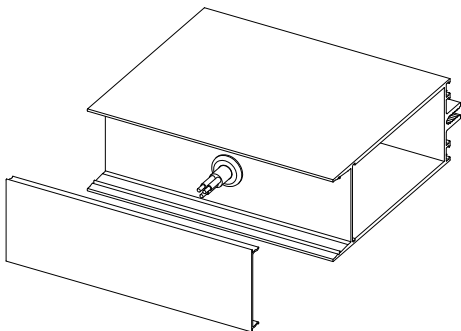
Name, article, drawing				Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application		
Plug 	AYPC.F50.9921	-	15100000	0.003	200	0,7	For transom profile	AYPC.F50.0204	Installed on the edges of the transoms. Performs a decorative function 		
	AYPC.F50.9921-01		15100100	0.003	200	0.7		AYPC.F50.0205			
	AYPC.F50.9921-02		15100200	0.003	130	0.4		AYPC.F50.0206			
	AYPC.F50.9921-03		15100300	0.003	100	0.4		AYPC.F50.0207			
	AYPC.F50.9921-04		15100400	0.006	70	0.4		AYPC.F50.0208			
								AYPC.F50.0248			
	AYPC.F50.9921-05		15100500	0.006	70	0.4		AYPC.F50.0209			
	AYPC.F50.9921-06		15100600	0.008	60	0.5		AYPC.F50.0210			
	AYPC.F50.9921-07		15100700	0.009	60	0.6		AYPC.F50.0211			
	AYPC.F50.9921-08		15100800	0.003	200	0.7		AYPC.F50.0214			
AYPC.F50.9921-09	15101200	0.011	144	1.7	AYPC.F50.0220						
F50	F50 TT	F50 HC	SKL50						 Selection of plugs for transoms not listed above, as well as joining elements for connections made using these plugs, see the "Assemblage and installation" section		
●											
Unit - pcs											
Plug AYPC.F50.9922 		10 (black) 01 (white)	11212100	0.002	100	0.3				Installed on the edges of the transoms. Performs a decorative function 	
							11212101	For transom profile AYPC.F50.0204			
F50	F50 TT	F50 HC	SKL50								
●											
Unit - pcs											
Plug AYPC.F50.9922-01 		10 (black) 01 (white)	11240100	0.002	100	0.3				Installed on the edges of the transom. Performs a decorative function when connecting with AYPC.F50.9941 	
							11240101	For transom profile AYPC.F50.0204 AYPC.F50.0214			
F50	F50 TT	F50 HC	SKL50								
●											
Unit - pcs											
Plug AYPC.F50.9922-02 		10 (black) 01 (white)	11241000	0.002	50	0.2				Installed on the edges of the transom. Performs a decorative function when connecting with AYPC.F50.9941 	
							11241001	For transom profile AYPC.F50.0204 AYPC.F50.0214 AYPC.F50.0205			
F50	F50 TT	F50 HC	SKL50								
●											
Unit - pcs											
							AYPC.F50.0232			-	-

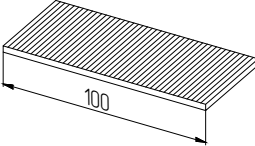
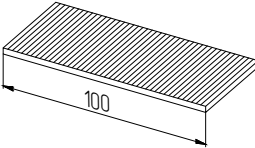
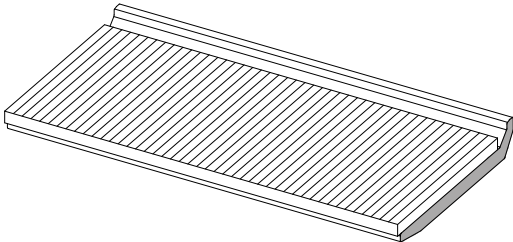
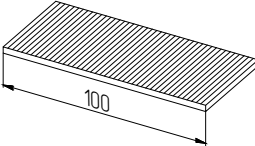
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application															
Plug AYPC.F50.9922-03 	10 (black) 01 (white)	1124.1100 1124.1101	0.003	50	0.2	Installed on the edges of the transoms. Performs a decorative function AYPC.F50.9941 															
							F50	F50 TT	F50 HC	SKL50											
							●														
							Unit - pcs				For transom profile	<table border="1"> <tr> <td>AYPC.F50.0204</td> <td>AYPC.F50.0214</td> <td>AYPC.F50.0205</td> </tr> <tr> <td>AYPC.F50.0206</td> <td>AYPC.F50.0233</td> <td>-</td> </tr> </table>	AYPC.F50.0204	AYPC.F50.0214	AYPC.F50.0205	AYPC.F50.0206	AYPC.F50.0233	-			
AYPC.F50.0204	AYPC.F50.0214	AYPC.F50.0205																			
AYPC.F50.0206	AYPC.F50.0233	-																			
Plug AYPC.F50.9922-04 	10 (black) 01 (white)	1124.1200 1124.1201	0.009	80	10	Installed on the edges of the transoms. Performs a decorative function AYPC.F50.9941 															
							F50	F50 TT	F50 HC	SKL50											
							●														
							Unit - pcs				For transom profile	<table border="1"> <tr> <td>AYPC.F50.0204</td> <td>AYPC.F50.0214</td> <td>AYPC.F50.0205</td> </tr> <tr> <td>AYPC.F50.0206</td> <td>AYPC.F50.0207</td> <td>AYPC.F50.0208</td> </tr> <tr> <td>AYPC.F50.0209</td> <td>AYPC.F50.0210</td> <td>AYPC.F50.0211</td> </tr> <tr> <td>AYPC.F50.0218</td> <td>AYPC.F50.0219</td> <td>AYPC.F50.0234</td> </tr> <tr> <td>AYPC.F50.0235</td> <td>AYPC.F50.0236</td> <td>-</td> </tr> </table>	AYPC.F50.0204	AYPC.F50.0214	AYPC.F50.0205	AYPC.F50.0206	AYPC.F50.0207	AYPC.F50.0208	AYPC.F50.0209	AYPC.F50.0210	AYPC.F50.0211
AYPC.F50.0204	AYPC.F50.0214	AYPC.F50.0205																			
AYPC.F50.0206	AYPC.F50.0207	AYPC.F50.0208																			
AYPC.F50.0209	AYPC.F50.0210	AYPC.F50.0211																			
AYPC.F50.0218	AYPC.F50.0219	AYPC.F50.0234																			
AYPC.F50.0235	AYPC.F50.0236	-																			
Plug AYPC.F50.9922-05 	10 (black) 01 (white)	1124.1800 1124.1801	0.009	39	0.45	Installed on the edges of the transoms. Performs a decorative function when connecting with AYPC.F50.9941 															
							F50	F50 TT	F50 HC	SKL50											
							●														
							Unit - pcs				For transom profile	<table border="1"> <tr> <td>AYPC.F50.0220</td> <td>AYPC.F50.0221</td> </tr> </table>	AYPC.F50.0220	AYPC.F50.0221							
AYPC.F50.0220	AYPC.F50.0221																				
Plug AYPC.F50.9923 <table border="1"> <tr> <td>AYPC.F50.9923</td> <td>15100900</td> <td>0.028</td> <td>90</td> <td>2.5</td> </tr> <tr> <td>AYPC.F50.9923-01</td> <td>15101500</td> <td>0.025</td> <td>110</td> <td>2.5</td> </tr> <tr> <td>AYPC.F50.9923-02</td> <td>15101600</td> <td>0.022</td> <td>130</td> <td>3.1</td> </tr> </table> 	AYPC.F50.9923	15100900	0.028	90	2.5	AYPC.F50.9923-01	15101500	0.025	110	2.5	AYPC.F50.9923-02	15101600	0.022	130	3.1	-					Installed on the edges of the transoms. Performs a decorative function 
	AYPC.F50.9923	15100900	0.028	90	2.5																
	AYPC.F50.9923-01	15101500	0.025	110	2.5																
	AYPC.F50.9923-02	15101600	0.022	130	3.1																
F50	F50 TT	F50 HC	SKL50																		
●																					
Unit - pcs				For transom profile	<table border="1"> <tr> <td>AYPC.F50.0251</td> </tr> <tr> <td>AYPC.F50.0254</td> </tr> <tr> <td>AYPC.F50.0253</td> </tr> </table>	AYPC.F50.0251	AYPC.F50.0254	AYPC.F50.0253													
AYPC.F50.0251																					
AYPC.F50.0254																					
AYPC.F50.0253																					

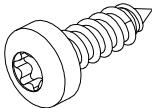
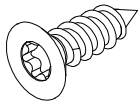
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application								
<p>Plug AYPC.SK150.0921</p> 	-	11613400	0.004	16	0.56	<p>Installed on the edges of the clamp bar profile when the mullions are broken up to 15°. Designed to remove moisture from the external surface of glass units in inclined buildings</p> 								
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td></td> <td>●</td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50				●						<p>Installed on the edges of the clamp bar profile when the mullions are broken up to 30°. Designed to remove moisture from the external surface of glass units in inclined buildings</p>
F50	F50 TT	F50 HC	SKL50											
			●											
<p>Plug AYPC.SK150.0922</p> 	-	11613500	0.004	16	0.56									
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td></td> <td>●</td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50				●						<p>Designed to seal the connection of mullions and transoms</p>
F50	F50 TT	F50 HC	SKL50											
			●											
<p>Sealing support FRK42</p> 	-	11216400	0.003	200	0.54									
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td>●</td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●			●						
F50	F50 TT	F50 HC	SKL50											
●			●											

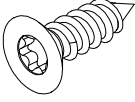
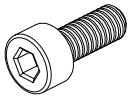
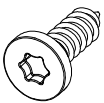




Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application												
<p>Sealing support FRK123</p> 	-	11613600	0.016	50	0.80	<p>Designed for connecting FRK 117 gasket</p> 												
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td>●</td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●			●										
F50	F50 TT	F50 HC	SKL50															
●			●															
<p>Sealing bush FRK151-01</p> 	-	15101000	0.0006	500	0.30	<p>Designed to guide the self-tapping clamping screw when passing through the foamed thermal bridge</p>  <p>For thermal break profiles</p> <table border="1"> <tr> <td>AYPC.F50.0911</td> <td>AYPC.F50.0907</td> </tr> <tr> <td>AYPC.F50.0912</td> <td>+ AYPC.F50.1927</td> </tr> <tr> <td>AYPC.F50.0913</td> <td>AYPC.F50.0915</td> </tr> <tr> <td>AYPC.F50.0914</td> <td>+ AYPC.F50.1927</td> </tr> <tr> <td></td> <td>AYPC.F50.0916</td> </tr> <tr> <td></td> <td>+ AYPC.F50.1927</td> </tr> </table> <p>Waher 6-A2 ISO7089</p>	AYPC.F50.0911	AYPC.F50.0907	AYPC.F50.0912	+ AYPC.F50.1927	AYPC.F50.0913	AYPC.F50.0915	AYPC.F50.0914	+ AYPC.F50.1927		AYPC.F50.0916		+ AYPC.F50.1927
AYPC.F50.0911	AYPC.F50.0907																	
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AYPC.F50.0914	+ AYPC.F50.1927																	
	AYPC.F50.0916																	
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<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td>●</td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●			●										
F50	F50 TT	F50 HC	SKL50															
●			●															
<p>Plug FRK189-35</p> 	-	11318700	0.007	100	0.70	<p>Installed at the junction of AYPC.F50.0624 clamping bars</p> 												
<table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50	●													
F50	F50 TT	F50 HC	SKL50															
●																		

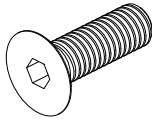
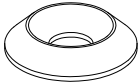
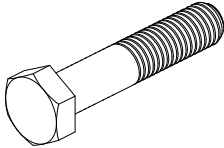
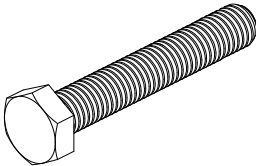
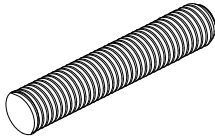



Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application																				
<p>Leveling support</p> <table border="1"> <tr><td>AYPC.110.0901</td><td>10211400</td><td>100</td></tr> <tr><td>AYPC.110.0902</td><td>10211500</td><td>100</td></tr> <tr><td>AYPC.110.0903</td><td>10211600</td><td>100</td></tr> </table>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td>●</td><td>●</td><td></td></tr> </table> <p>Unit - pcs</p>	AYPC.110.0901	10211400	100	AYPC.110.0902	10211500	100	AYPC.110.0903	10211600	100	F50	F50 TT	F50 HC	SKL50	●	●	●		-					<p>Leveling support for infill unit</p> <p>Thickness t, mm</p> <table border="1"> <tr><td>1</td></tr> <tr><td>2</td></tr> <tr><td>3</td></tr> </table> 	1	2	3
AYPC.110.0901	10211400	100																								
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AYPC.110.0903	10211600	100																								
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1																										
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<p>Leveling support AYPC.110.0904</p>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td></td><td></td><td>●</td><td></td></tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50			●		-	10211700	-	100	-	<p>Leveling support for infill unit</p> 												
F50	F50 TT	F50 HC	SKL50																							
		●																								
<p>Sealing AYPC.150.0901</p>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td></td><td></td><td>●</td><td></td></tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50			●		-	11890100	0.02	770	15.5	<p>Used as a thermal-insulated sealing between the facade and the bearing framework</p> 												
F50	F50 TT	F50 HC	SKL50																							
		●																								
<p>Sealing AYPC.150.0902</p>  <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td></td><td></td><td>●</td><td></td></tr> </table> <p>Unit - pcs</p>	F50	F50 TT	F50 HC	SKL50			●		-	11890200	0.033	460	15.5	<p>Used as a thermal-insulated sealing between the facade and the bearing framework</p> 												
F50	F50 TT	F50 HC	SKL50																							
		●																								

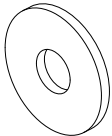

Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application												
<p>Sealing AYPC.150.0903</p>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td>●</td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>	F50	F50 TT	F50 HC	SKL50			●		Unit - pcs				-	11890300	0.03	310	9.2	<p>Used as a thermal-insulated sealing between the facade and the bearing framework</p> 
F50	F50 TT	F50 HC	SKL50															
		●																
Unit - pcs																		
<p>Sealing AYPC.150.0904</p>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td></td> <td></td> <td>●</td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>	F50	F50 TT	F50 HC	SKL50			●		Unit - pcs				-	11890400	0.044	310	13.8	<p>Used as a thermal-insulated sealing between the facade and the bearing framework</p> 
F50	F50 TT	F50 HC	SKL50															
		●																
Unit - pcs																		
<p>Sealing washer 6,7x16 EPDM</p>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>	F50	F50 TT	F50 HC	SKL50	●	●			Unit - pcs				-	18104400	-	100	-	<p>Designed to seal the hole in the clamp bar profile</p> 
F50	F50 TT	F50 HC	SKL50															
●	●																	
Unit - pcs																		
<p>Insulating collar Mi8-8</p>  <table border="1"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>	F50	F50 TT	F50 HC	SKL50	●				Unit - pcs				-	11220000	-	100	-	<p>Designed for tracing hidden wiring</p> 
F50	F50 TT	F50 HC	SKL50															
●																		
Unit - pcs																		






Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Application																																											
<p>Leveling support</p>  <table border="1"> <tr><td>100x26x1</td><td>10414600</td><td>1000</td></tr> <tr><td>100x26x2</td><td>10414700</td><td>1000</td></tr> <tr><td>100x26x3</td><td>10414800</td><td>1000</td></tr> <tr><td>100x32x1</td><td>11213400</td><td>1000</td></tr> <tr><td>100x32x2</td><td>11213500</td><td>1000</td></tr> <tr><td>100x32x3</td><td>11213600</td><td>1000</td></tr> <tr><td>100x62x1</td><td>11219400</td><td>1000</td></tr> <tr><td>100x62x2</td><td>11219500</td><td>1000</td></tr> <tr><td>100x62x3</td><td>11219600</td><td>1000</td></tr> <tr><td>100x68x1</td><td>11237800</td><td>1000</td></tr> <tr><td>100x68x2</td><td>11237900</td><td>1000</td></tr> <tr><td>100x68x3</td><td>11241600</td><td>1000</td></tr> </table> <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td>●</td><td></td><td></td></tr> </table> <p>Unit - pcs</p>	100x26x1	10414600	1000	100x26x2	10414700	1000	100x26x3	10414800	1000	100x32x1	11213400	1000	100x32x2	11213500	1000	100x32x3	11213600	1000	100x62x1	11219400	1000	100x62x2	11219500	1000	100x62x3	11219600	1000	100x68x1	11237800	1000	100x68x2	11237900	1000	100x68x3	11241600	1000	F50	F50 TT	F50 HC	SKL50	●	●			-	-	-	-	Leveling support for infill unit
100x26x1	10414600	1000																																															
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<p>Leveling support</p>  <table border="1"> <tr><td>100x38x1</td><td>11213700</td><td>1000</td></tr> <tr><td>100x38x2</td><td>11213800</td><td>1000</td></tr> <tr><td>100x38x3</td><td>11213900</td><td>1000</td></tr> <tr><td>100x44x1</td><td>11218100</td><td>1000</td></tr> <tr><td>100x44x2</td><td>11218200</td><td>1000</td></tr> <tr><td>100x44x3</td><td>11218300</td><td>1000</td></tr> <tr><td>100x50x1</td><td>11218400</td><td>1000</td></tr> <tr><td>100x50x2</td><td>11218500</td><td>1000</td></tr> <tr><td>100x50x3</td><td>11218600</td><td>1000</td></tr> <tr><td>100x56x1</td><td>11219100</td><td>1000</td></tr> <tr><td>100x56x2</td><td>11219200</td><td>1000</td></tr> <tr><td>100x56x3</td><td>11219300</td><td>1000</td></tr> </table> <table border="1"> <tr><td>F50</td><td>F50 TT</td><td>F50 HC</td><td>SKL50</td></tr> <tr><td>●</td><td>●</td><td></td><td>●</td></tr> </table> <p>Unit - pcs</p>	100x38x1	11213700	1000	100x38x2	11213800	1000	100x38x3	11213900	1000	100x44x1	11218100	1000	100x44x2	11218200	1000	100x44x3	11218300	1000	100x50x1	11218400	1000	100x50x2	11218500	1000	100x50x3	11218600	1000	100x56x1	11219100	1000	100x56x2	11219200	1000	100x56x3	11219300	1000	F50	F50 TT	F50 HC	SKL50	●	●		●	-	-	-	-	
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F50	F50 TT	F50 HC	SKL50																																														
●																																																	

Name, drawing	Article	Colour	Code	Weight, kg/100 pcs	Measure unit	Quantity in pack	Package weight, gross, kg
Self-tapping screw 	3,9x9.5-A2IS014585	-	18101000	0.066	100 pcs	1	0.096
	3,9x13-A2IS014585	-	18100600	0.140	100 pcs	1	0.170
	3,9x16-A2IS014585	-	18102000	0.148	100 pcs	1	0.178
	3,9x19-A2IS014585	-	18102100	0.156	100 pcs	1	0.186
	3,9x25-A2IS014585	-	18102300	0.205	100 pcs	1	0.235
	3,9x38-A2IS014585	-	18102400	-	100 pcs	1	-
	4,2x32-A2IS014585	-	18112000	0.280	100 pcs	1	0.310
	4,8x13-A2IS014585	-	18122500	-	100 pcs	1	-
	5,5x16-A2IS014585	-	18122600	-	100 pcs	1	-
	5,5x19-A2IS014585	-	18105600	0.400	100 pcs	1	0.430
	5,5x22-A2IS014585	-	18110000	0.420	100 pcs	1	0.450
	5,5x25-A2IS014585	-	18105700	0.438	100 pcs	1	0.468
	5,5x32-A2IS014585	-	18110200	0.567	100 pcs	1	0.597
	5,5x38-A2IS014585	-	18105800	0.645	100 pcs	1	0.675
	5,5x45-A2IS014585	-	18105900	0.720	100 pcs	1	0.750
	5,5x50-A2IS014585	-	18106000	0.763	100 pcs	1	0.793
	5,5x55-A2IS014585	-	18114200	1.000	100 pcs	1	1.030
	5,5x60-A2IS014585	-	18115300	1.060	100 pcs	1	1.090
	5,5x65-A2IS014585	-	18113700	0.949	100 pcs	1	0.979
	5,5x70-A2IS014585	-	18114300	1.010	100 pcs	1	1.040
	5,5x75-A2IS014585	-	18116700	0.980	100 pcs	1	1.010
	5,5x80-A2IS014585	-	18122700	-	100 pcs	1	-
	5,5x85-A2IS014585	-	18122800	-	100 pcs	1	-
5,5x90-A2IS014585	-	18141900	-	100 pcs	1	-	
5,5x95-A2IS014585	-	18142100	-	100 pcs	1	-	
6,3x38-A2IS014585	-	18122900	-	100 pcs	1	-	
Self-tapping screw 	3,9x13-A2IS014586	-	18100700	0.088	100 pcs	1	0.118
	3,9x16-A2IS014586	-	18102600	0.107	100 pcs	1	0.137
	3,9x25-A2IS014586	-	18105200	0.164	100 pcs	1	0.194
	3,9x32-A2IS014586	-	18102800	0.183	100 pcs	1	0.213
	3,9x38-A2IS014586	-	18102900	0.202	100 pcs	1	0.232
	3,9x45-A2IS014586	-	18114100	0.275	100 pcs	1	0.305
	3,9x50-A2IS014586	-	18115700	0.331	100 pcs	1	0.361
	3,9x60-A2IS014586	-	18115800	0.400	100 pcs	1	0.430
	3,9x65-A2IS014586	-	18123000	-	100 pcs	1	-

Name, drawing	Article	Colour	Code	Weight, kg/100 pcs	Measure unit	Quantity in pack	Package weight, gross, kg
Self-tapping screw 	3,9x70-A2IS014586	-	18123100	-	100 pcs	1	-
	3,9x75-A2IS014586	-	18123200	-	100 pcs	1	-
	3,9x80-A2IS014586	-	18126500	-	100 pcs	1	-
	3,9x90-A2IS014586	-	18144400	-	100 pcs	1	-
	5,5x19-A2IS014585	-	18109000	0.400	100 pcs	1	0.430
	5,5x22-A2IS014585	-	18109100	0.420	100 pcs	1	0.450
	5,5x25-A2IS014586	-	18109200	0.365	100 pcs	1	0.395
	5,5x32-A2IS014586	-	18109300	0.456	100 pcs	1	0.486
	5,5x38-A2IS014586	-	18109400	0.510	100 pcs	1	0.540
	5,5x45-A2IS014586	-	18109500	0.645	100 pcs	1	0.675
	5,5x50-A2IS014586	-	18109600	0.660	100 pcs	1	0.690
	5,5x55-A2IS014586	-	18115400	0.675	100 pcs	1	0.705
	5,5x60-A2IS014586	-	18117600	0.760	100 pcs	1	0.790
	5,5x65-A2IS014586	-	18119200	0.990	100 pcs	1	1.020
	5,5x70-A2IS014586	-	18119300	0.900	100 pcs	1	0.930
	5,5x75-A2IS014586	-	18123300	-	100 pcs	1	-
	5,5x80-A2IS014586	-	18123400	-	100 pcs	1	-
5,5x85-A2IS014586	-	18144300	-	100 pcs	1	-	
Screw 	M8x25-A2IS04762	-	18103700	-	100 pcs	1	-
	M8x30-A2IS04762	-	18140700	-	100 pcs	1	-
	M8x35-A2IS04762	-	18103800	1.890	100 pcs	1	1.920
	M8x40-A2IS04762	-	18124500	-	100 pcs	1	-
Self-tapping screw 	3,9x10TX	-	18115500	0.100	100 pcs	1	0.130
	3,9x16TX	-	18115600	0.131	100 pcs	1	0.161
Self-tapping screw 	5,5x23TX	-	18115200	0.324	100 pcs	1	0.354
Screw 	M4x12-A2IS014581	-	18124600	-	100 pcs	1	-
Adjusting screw 	M6x20-A2IS04027	-	18124700	-	100 pcs	1	-
Adjusting screw 	M5x10-A2IS04026	-	18124800	-	100 pcs	1	-

Name, drawing	Article	Colour	Code	Weight, kg/100 pcs	Measure unit	Quantity in pack	Package weight, gross, kg
Screw 	M8x20-A2DIN7991	-	18103500	0.860	100 pcs	1	0.890
	M8x25-A2DIN7991	-	18124900	-	100 pcs	1	-
Washer 	8-A2DIN9081	-	18106400	0.720	100 pcs	1	0.758
Bolt 	M10x70-A2IS04014	-	18125000	-	100 pcs	1	-
	M10x80-A2IS04014	-	18125100	-	100 pcs	1	-
	M10x90-A2IS04014	-	18106300	6.160	100 pcs	1	6.190
Bolt 	M8x20-A2IS04017	-	18125200	-	100 pcs	1	-
	M8x35-A2IS04017	-	18125300	-	100 pcs	1	-
	M8x40-A2IS04017	-	18125400	-	100 pcs	1	-
	M8x45-A2IS04017	-	18122400	-	100 pcs	1	-
	M10x30-A2IS04017	-	18112800	6.55	100 pcs	1	6.58
	M10x35-A2IS04017	-	18126000	-	100 pcs	1	-
Stud 	M10x100-A2DIN976-1	-	18142300	-	100 pcs	1	-
Nut 	M8-A2IS04032	-	18103900	0.470	100 pcs	1	0.500
	M10-A2IS04032	-	18104600	0.920	100 pcs	1	0.950
Nut 	M8-A2IS04035	-	18121200	-	100 pcs	1	-
Washer 	6-A2IS07089	-	18116600	0.080	100 pcs	1	0.140
	8-A2IS07089	-	18113600	0.193	100 pcs	1	0.223
	10-A2IS07089	-	18104700	0.300	100 pcs	1	0.330
	12-A2IS07089	-	18113200	0.560	100 pcs	1	0.590

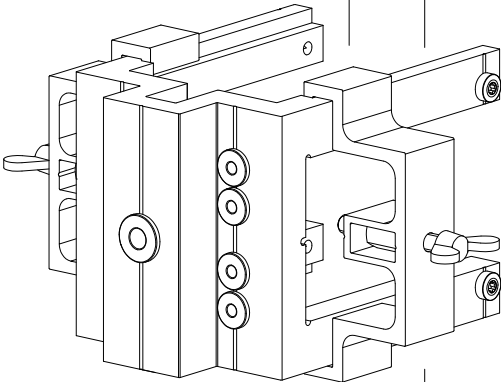
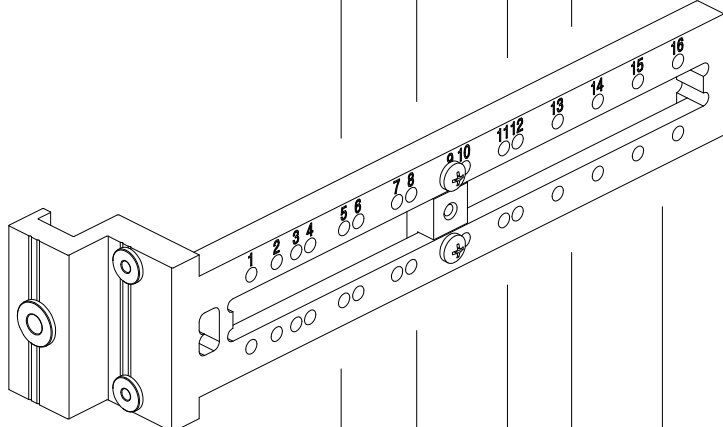
Name, drawing	Article	Colour	Code	Weight, kg/100 pcs	Measure unit	Quantity in pack	Package weight, gross, kg
Washer 	8-A1DIN127	-	18125600	0.250	100 pcs	1	0.280
Washer 	10-A2ISO7093-1	-	18106100	1.131	100 pcs	1	1.161
Dowel 	5x10DIN6325D	-	18112400	0.125	100 pcs	1	0.152
Dowel 	5x16-A1ISO2338	-	18125800	-	100 pcs	1	-
Rivet with internal threads 	M8x16,5-A2TR	-	18117000	-	100 pcs	1	-

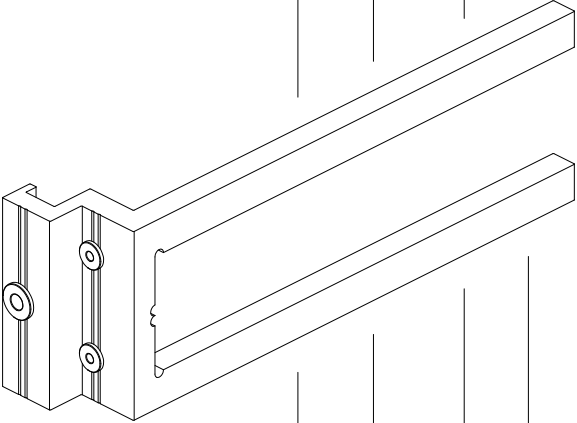
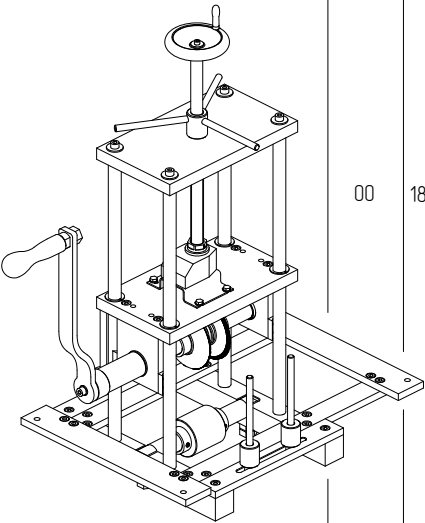
Name, article, drawing	Colour	Code	Weight, kg	Volume, ml	Measure unit	Quantity in pack	Package weight, gross, kg	Application
Surface cleanser COSMO CL-300.150/1 	-	18609300	0.710	1000 ml	pcs	1	0.736	Allows to clean the surface of powder coated profiles from polyurethane adhesives (corner joint areas after crimping and pinning), removes silicone from sealings, cleans sealing points
Surface activator COSMO CL-310.110/1 	-	18609400	0.200	250 ml	pcs	1	0.278	It is used for surface preparation (PVC profiles, powder coated aluminium, etc.) by means of COSMO HD-100.412 (black) sealant. Provides better adhesion in difficult bonding areas (plastics, polyamide, smooth paints, etc.).
Corrosion resistant sealant COSMO HD-100.411/0,31 	-	18609500	0.440	310 ml	pcs	1	0.525	Protects the joint of aluminium profiles on the edges from inter-gap corrosion. At the same time it's a sealant, which prevents from water entry to the profile through a loose joint.
Sealant for rubber COSMO HD-100.412/0,31 	-	18609800	0.440	310 ml	pcs	1	0.525	It is used for gluing rubber gaskets, sealing the joints of profiles between each other, the areas for drip drain installation, plugs, etc. Use COSMO CL-310.110 before applying to painted profiles.
Cyanoacrylate adhesive CA-500.200/0,02 	-	18609600	0.020	20 ml	pcs	1	0.032	It is used for quick connection of rubber gaskets on EPDM basis (polyethylene bottle with dispenser)

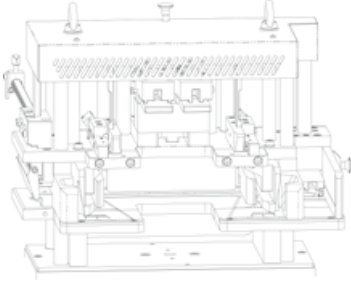
Name, article, drawing	Colour	Code	Weight, kg	Volume, ml	Measure unit	Quantity in pack	Package weight, gross, kg	Application
Primer coating for bonding TPE rubber and plastic COSMO SP-840.110/0,05 	-	18609700	0.035	50 ml	pcs	1	0.107	Primer coating for difficult to bond surfaces
Two part adhesive COSMO PU-200.280/0,62 	-	18609200	0.900	2x310 ml	pcs	1	1050	For profiles connections using corner cleats. The adhesive polymerization occurs due to the chemical reaction of the components
Manual pressure gun COSMO SP-760.151 	-	18605200	1.380	-	pcs	1	1780	For the COSMO PU-200.280 two-component adhesive metered flow
Mixing tube COSMO SP-800.230 	-	18605300	0.011	-	pcs	1	0.013	For the COSMO PU-200.280 two-component adhesive application



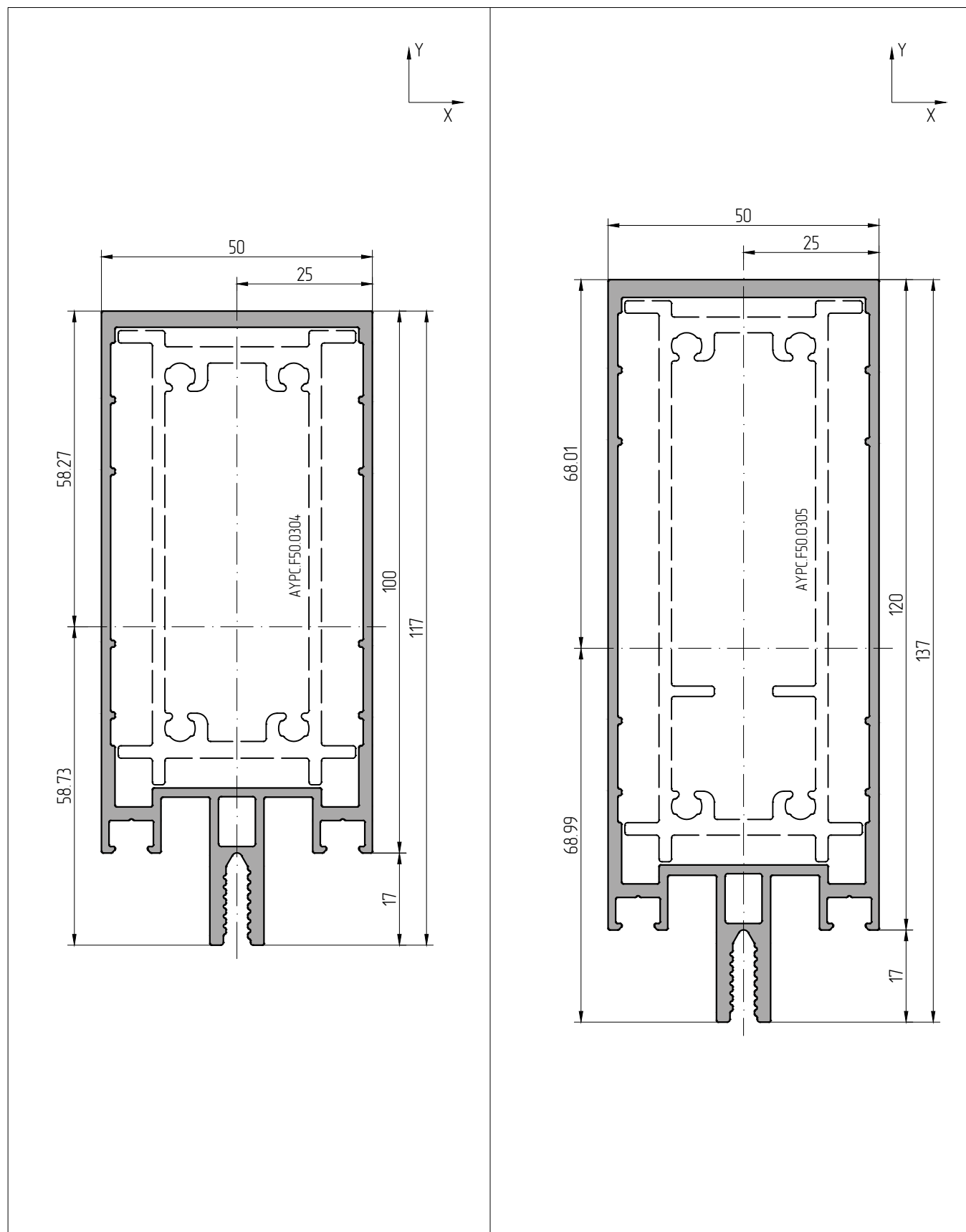
Before working with chemical products, read the manufacturer's recommendations

Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application												
<p>Jig AYPC.F50.1037</p>  <table border="1" data-bbox="135 1064 494 1153"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>	F50	F50 TT	F50 HC	SKL50	●	●			Unit - pcs				-	11239300	0.43	-	-	-	<p>The jig is used for:</p> <ul style="list-style-type: none"> - drilling Ø3.3 mm holes in the front part of the mullion for transom installation; - marking for installation and connecting of the transom cleat to the side walls of the mullion
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●	●																		
Unit - pcs																			
<p>Jig AYPC.F50.1041</p>  <table border="1" data-bbox="135 2027 494 2116"> <tr> <td>F50</td> <td>F50 TT</td> <td>F50 HC</td> <td>SKL50</td> </tr> <tr> <td>●</td> <td>●</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Unit - pcs</td> </tr> </table>	F50	F50 TT	F50 HC	SKL50	●	●			Unit - pcs				-	11239700	0.192	-	-	-	<p>The jig is used for:</p> <ul style="list-style-type: none"> - drilling Ø3.3 mm holes in the front part of the mullion for transom installation; - marking for joining element installation; - gluing foam inserts
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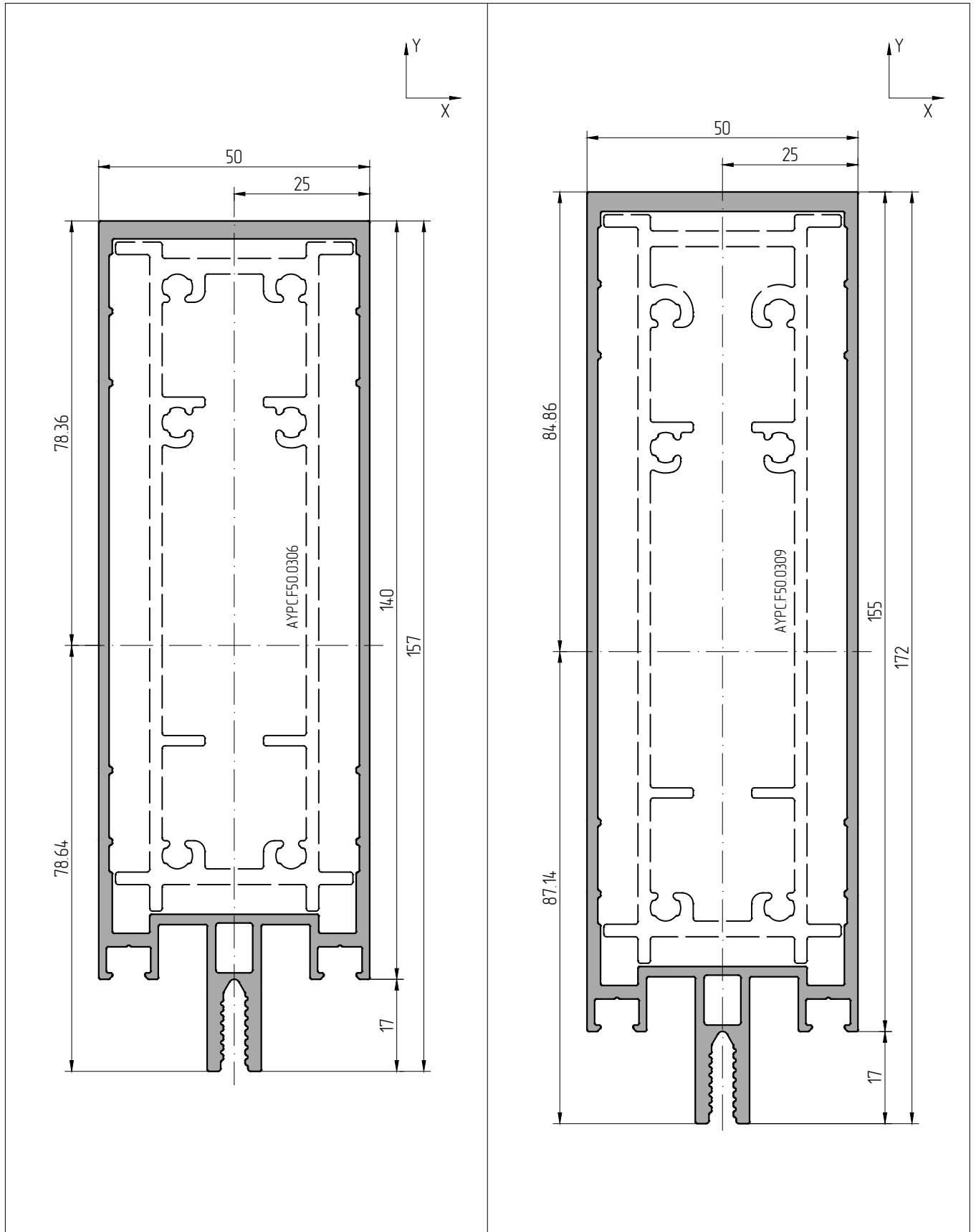
Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application								
<p>Jig AYPC.F50.1043</p> 	-	11239800	0.265	-	-	-	<p>The jig is used for:</p> <ul style="list-style-type: none"> - drilling Ø3.3 mm holes in the front part of the mullion for transom installation; - marking for installation and connecting of the transom cleat to the side walls of the mullion 								
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<p>Bending machine BMSKL50</p> 	00	18506800	-	-	-	-	<p>Designed for bending shelves of seating grooves of aluminium mullion and transom profiles</p>								
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F50	F50 TT	F50 HC	SKL50												
			●												

Name, article, drawing	Colour	Code	Weight, kg	Quantity in pack, pcs	Package weight, gross, kg	Initial profile	Application	
Pneumatic punching machine for ALT F50 PMF50.4 	-	18522000	154	-	-	-	Benchtop pneumatic punch tool is used for ALT F50 profiles machining. This equipment performs maximum number of typical technological operations and is an efficient and convenient solution that simplifies machining of aluminium profiles	
	F50	F50 TT	F50 HC	SKL50				
	●	●						
	Unit - pcs							

<p>Scale 11</p> <table border="1"> <thead> <tr> <th colspan="2">Solid mullion profile 12 mm</th> </tr> </thead> <tbody> <tr> <td>AYPC.F50.0101</td> <td>Profile article</td> <td colspan="2">Central moments of inertia</td> </tr> <tr> <td>0.839 kg</td> <td>Estimated weight 1 Lm.</td> <td>Jx=2.08 cm⁴</td> <td>Jy=5.40 cm⁴</td> </tr> <tr> <td>277.3 mm</td> <td>External perimeter</td> <td colspan="2">Moments of resistance</td> </tr> <tr> <td>3.096 cm²</td> <td>Cross-sectional area</td> <td>Wx=0.83 cm³</td> <td>Wy=2.81 cm³</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Radius of inertia</td> </tr> <tr> <td colspan="2"></td> <td>ix=0.82 cm</td> <td>iy=1.32 cm</td> </tr> </tbody> </table>		Solid mullion profile 12 mm		AYPC.F50.0101	Profile article	Central moments of inertia		0.839 kg	Estimated weight 1 Lm.	Jx=2.08 cm ⁴	Jy=5.40 cm ⁴	277.3 mm	External perimeter	Moments of resistance		3.096 cm ²	Cross-sectional area	Wx=0.83 cm ³	Wy=2.81 cm ³			Radius of inertia				ix=0.82 cm	iy=1.32 cm	<p>Scale 11</p> <table border="1"> <thead> <tr> <th colspan="2">Mullion profile 62 mm</th> </tr> </thead> <tbody> <tr> <td>AYPC.F50.0102</td> <td>Profile article</td> <td colspan="2">Central moments of inertia</td> </tr> <tr> <td>1.679 kg</td> <td>Estimated weight 1 Lm.</td> <td>Jx=40.55 cm⁴</td> <td>Jy=18.33 cm⁴</td> </tr> <tr> <td>364.3 mm</td> <td>External perimeter</td> <td colspan="2">Moments of resistance</td> </tr> <tr> <td>6.196 cm²</td> <td>Cross-sectional area</td> <td>Wx=9.86 cm³</td> <td>Wy=7.33 cm³</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Radius of inertia</td> </tr> <tr> <td colspan="2"></td> <td>ix=2.56 cm</td> <td>iy=1.72 cm</td> </tr> </tbody> </table>		Mullion profile 62 mm		AYPC.F50.0102	Profile article	Central moments of inertia		1.679 kg	Estimated weight 1 Lm.	Jx=40.55 cm ⁴	Jy=18.33 cm ⁴	364.3 mm	External perimeter	Moments of resistance		6.196 cm ²	Cross-sectional area	Wx=9.86 cm ³	Wy=7.33 cm ³			Radius of inertia				ix=2.56 cm	iy=1.72 cm	<p>Scale 11</p> <table border="1"> <thead> <tr> <th colspan="2">Mullion profile 80 mm</th> </tr> </thead> <tbody> <tr> <td>AYPC.F50.0103</td> <td>Profile article</td> <td colspan="2">Central moments of inertia</td> </tr> <tr> <td>1.835 kg</td> <td>Estimated weight 1 Lm.</td> <td>Jx=71.13 cm⁴</td> <td>Jy=21.71 cm⁴</td> </tr> <tr> <td>400.3 mm</td> <td>External perimeter</td> <td colspan="2">Moment of resistance</td> </tr> <tr> <td>6.772 cm²</td> <td>Cross-sectional area</td> <td>Wx=14.61 cm³</td> <td>Wy=8.68 cm³</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Radius of inertia</td> </tr> <tr> <td colspan="2"></td> <td>ix=3.24 cm</td> <td>iy=1.79 cm</td> </tr> </tbody> </table>		Mullion profile 80 mm		AYPC.F50.0103	Profile article	Central moments of inertia		1.835 kg	Estimated weight 1 Lm.	Jx=71.13 cm ⁴	Jy=21.71 cm ⁴	400.3 mm	External perimeter	Moment of resistance		6.772 cm ²	Cross-sectional area	Wx=14.61 cm ³	Wy=8.68 cm ³			Radius of inertia				ix=3.24 cm	iy=1.79 cm
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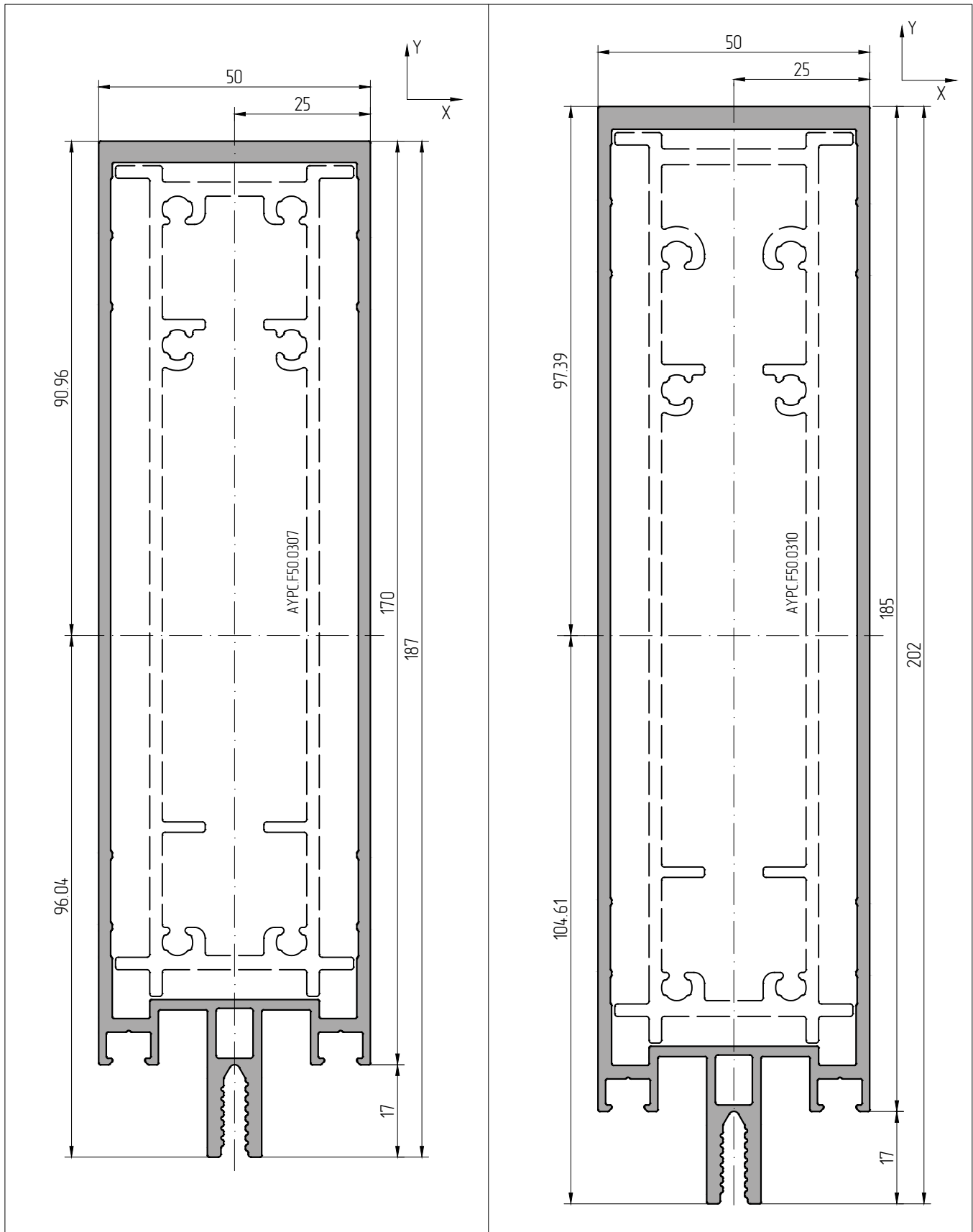


Scale 1:1		Mullion profile 100 mm				Scale 1:1		Mullion profile 120 mm			
AYPC.F50.0104	Profile article	Central moment of inertia				AYPC.F50.0105	Profile article	Central moments of inertia			
2.096 kg	Estimated weight 1 l.m.	Jx=123.59 cm ⁴	Jy=26.70 cm ⁴		2.376 kg	Estimated weight 1 l.m.	Jx=196.13 cm ⁴	Jy=31.92 cm ⁴			
440.3 mm	External perimeter	Moments of resistance				479.5 mm	External perimeter	Moments of inertia			
7.734 cm ²	Cross-sectional area	Wx=21.04 cm ³	Wy=10.68 cm ³		8.769 cm ²	Cross-sectional area	Wx=28.43 cm ³	Wy=12.77 cm ³			
		Radius of inertia						Radius of inertia			
		ix=4.00 cm	iy=1.86 cm				ix=4.73 cm	iy=1.91 cm			

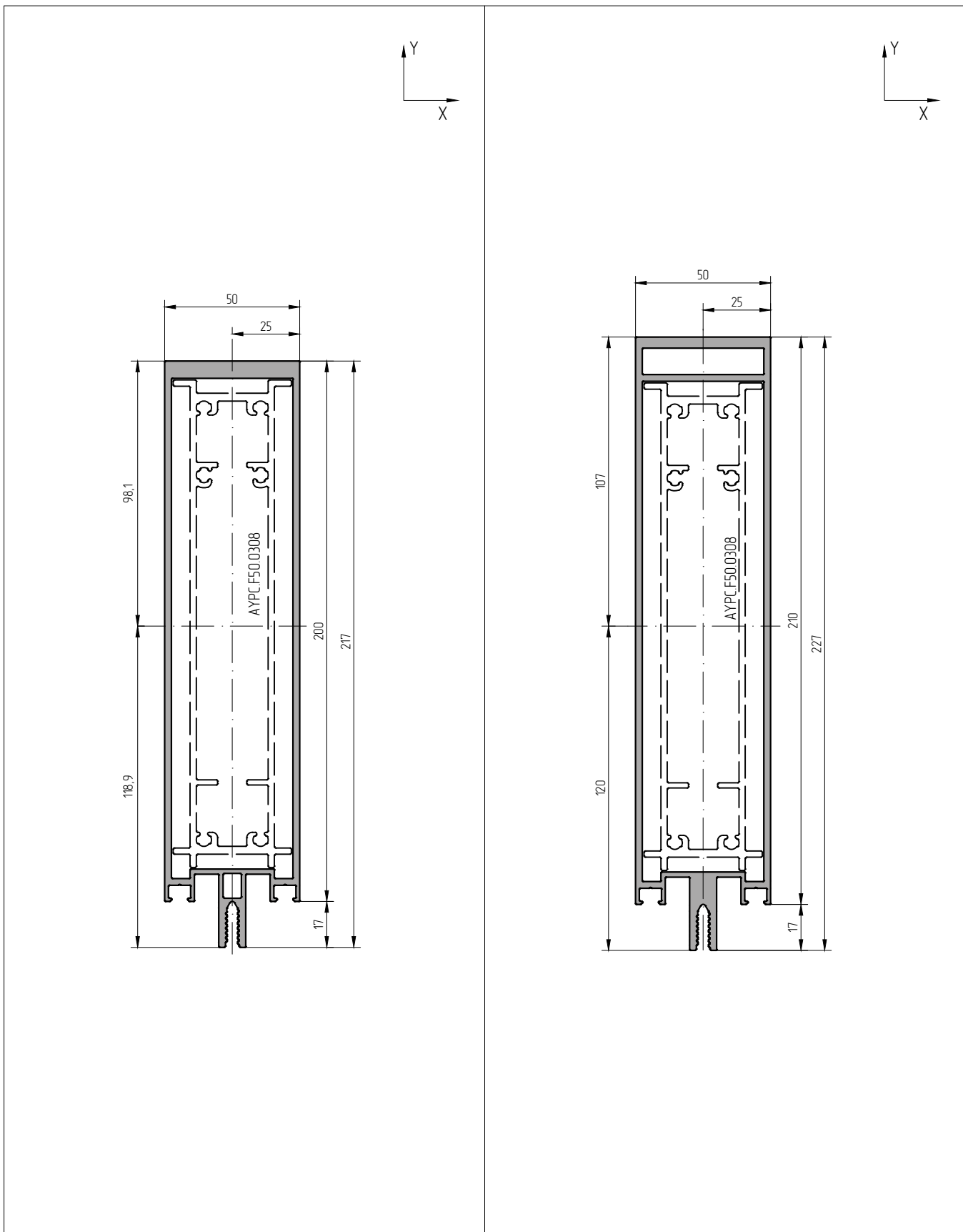


Scale 1:1		Mullion profile 140 mm	
AYPC.F50.0106	Profile article	Central moments of inertia	
2.631 kg	Estimated weight 1 Lm.	Jx=283.48 cm ⁴	Jy=37.27 cm ⁴
519.5 mm	External perimeter	Moments of inertia	
9.707 cm ²	Cross-sectional area	Wx=36.05 cm ³	Wy=14.91 cm ³
		Radius of inertia	
		ix=5.40 cm	iy=1.96 cm

Scale 1:1		Mullion profile 155 mm	
AYPC.F50.0117	Profile article	Central moments of inertia	
2.890 kg	Estimated weight 1 Lm.	Jx=373.67 cm ⁴	Jy=42.13 cm ⁴
549.2 mm	External perimeter	Moments of resistance	
10.665 cm ²	Cross-sectional area	Wx=42.88 cm ³	Wy=16.85 cm ³
		Radius of inertia	
		ix=5.92 cm	iy=1.99 cm

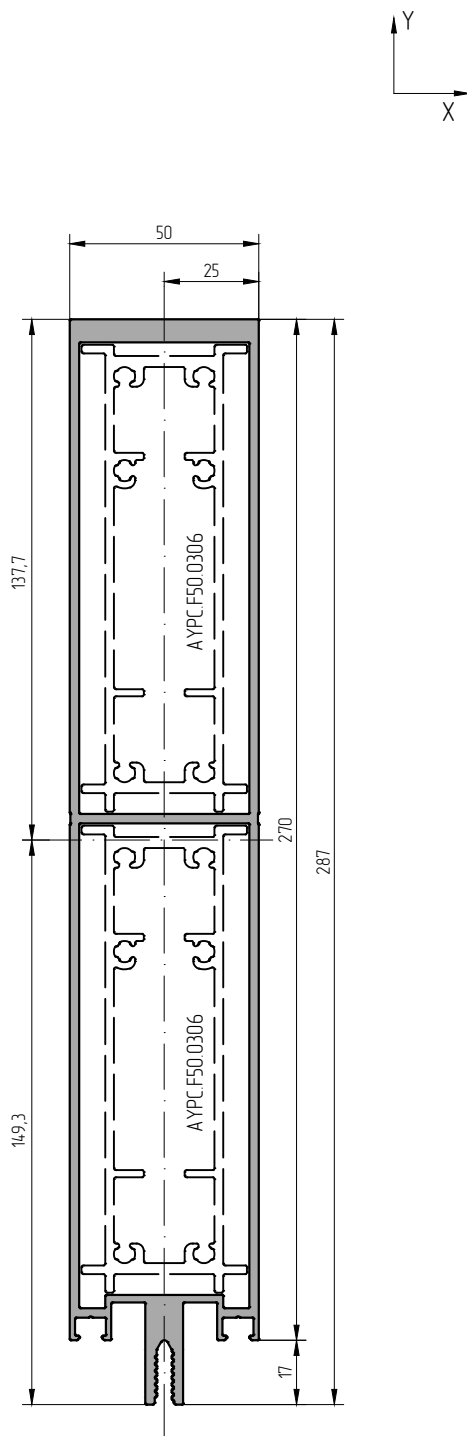
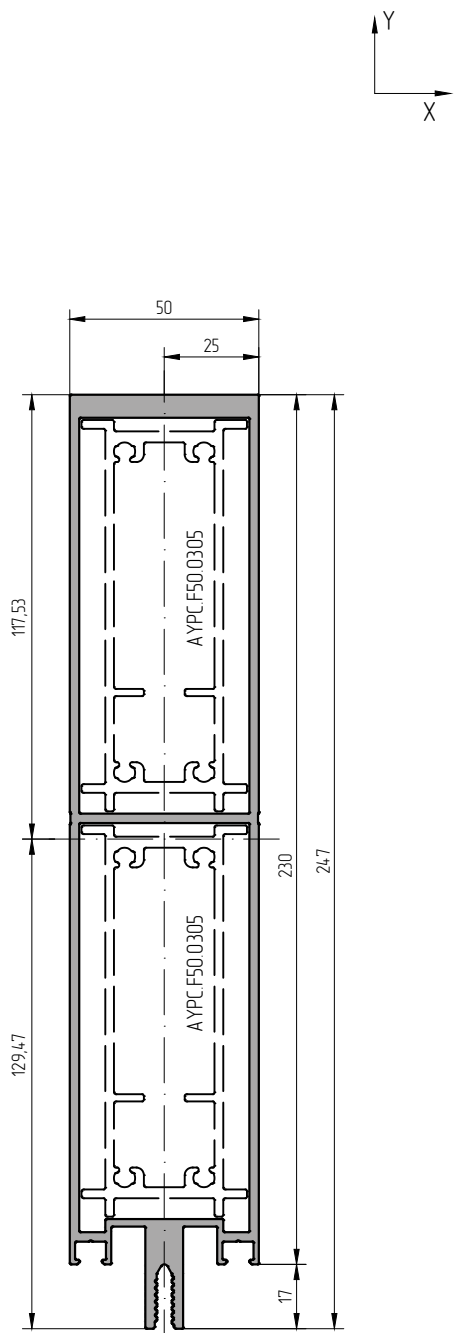


Scale 1:1		Mullion profile 170 mm		Scale 1:1		Mullion profile 185 mm	
AYPC.F50.0107	Profile article	Central moments of inertia		AYPC.F50.0118	Profile article	Central moments of inertia	
3.241 kg	Estimated weight 1 L.m.	$J_x=486.13 \text{ cm}^4$	$J_y=48.75 \text{ cm}^4$	3.539 kg	Estimated weight 1 L.m.	$J_x=614.50 \text{ cm}^4$	$J_y=54.32 \text{ cm}^4$
579.5 mm	External perimeter	Moments of resistance		609.2 mm	External perimeter	Moments of resistance	
11958 cm ²	Cross-sectional area	$W_x=50.62 \text{ cm}^3$	$W_y=19.50 \text{ cm}^3$	13.058 cm ²	Cross-sectional area	$W_x=58.74 \text{ cm}^3$	$W_y=21.73 \text{ cm}^3$
		Radius of inertia				Radius of inertia	
		$i_x=6.38 \text{ cm}$	$i_y=2.02 \text{ cm}$			$i_x=6.86 \text{ cm}$	$i_y=2.04 \text{ cm}$

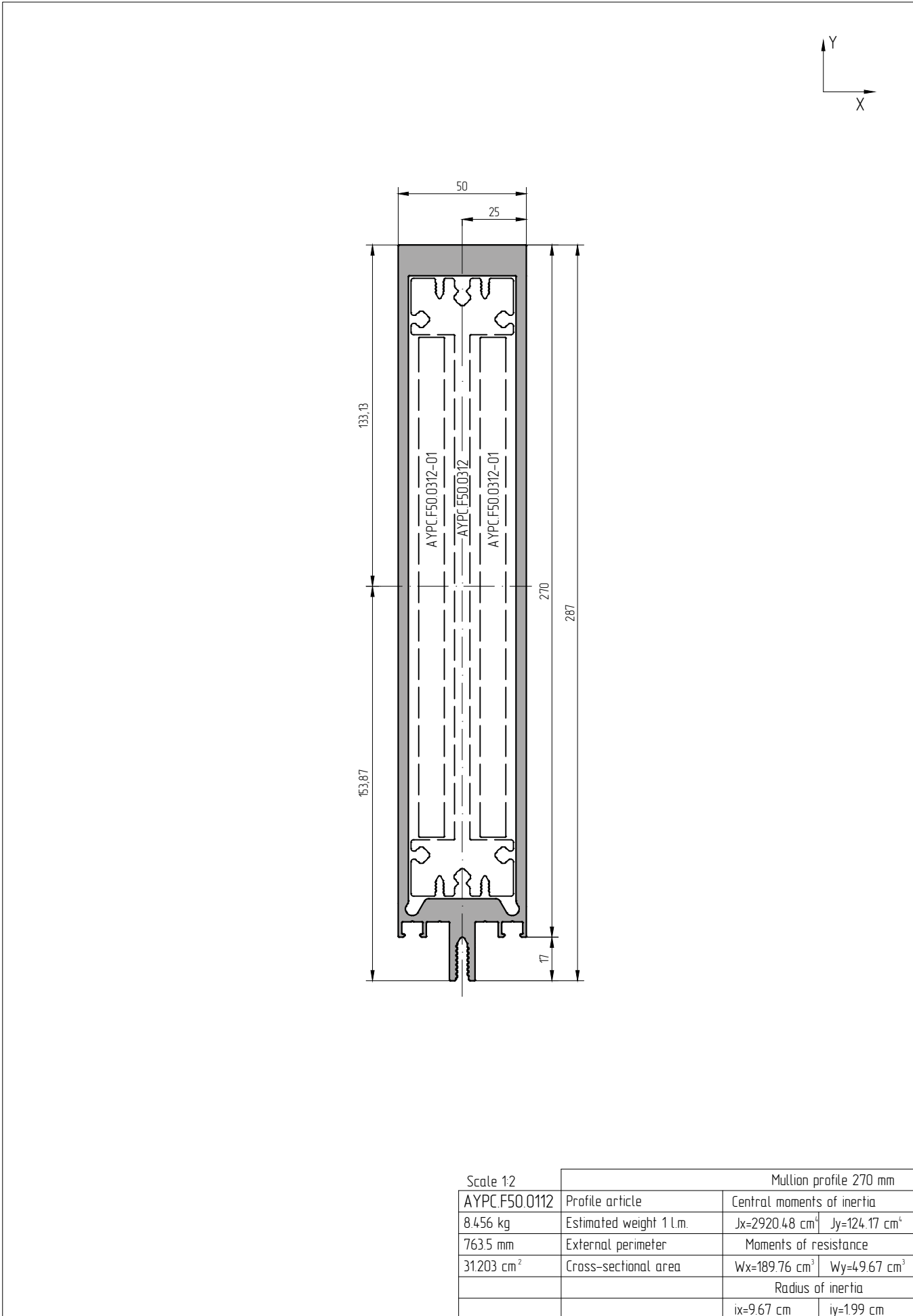


Scale 1:2	Mullion profile 200 mm			
AYPC.F50.0108	Profile article	Central moments of inertia		
4.177 kg	Estimated weight 1 l.m.	Jx=850.60 cm ⁴	Jy=63.37 cm ⁴	
639.5 mm	External perimeter	Moments of resistance		
15.412 cm ²	Cross-sectional area	Wx=7154 cm ³	Wy=25.35 cm ³	
		Radius of inertia		
		ix=7.43 cm	iy=2.03 cm	

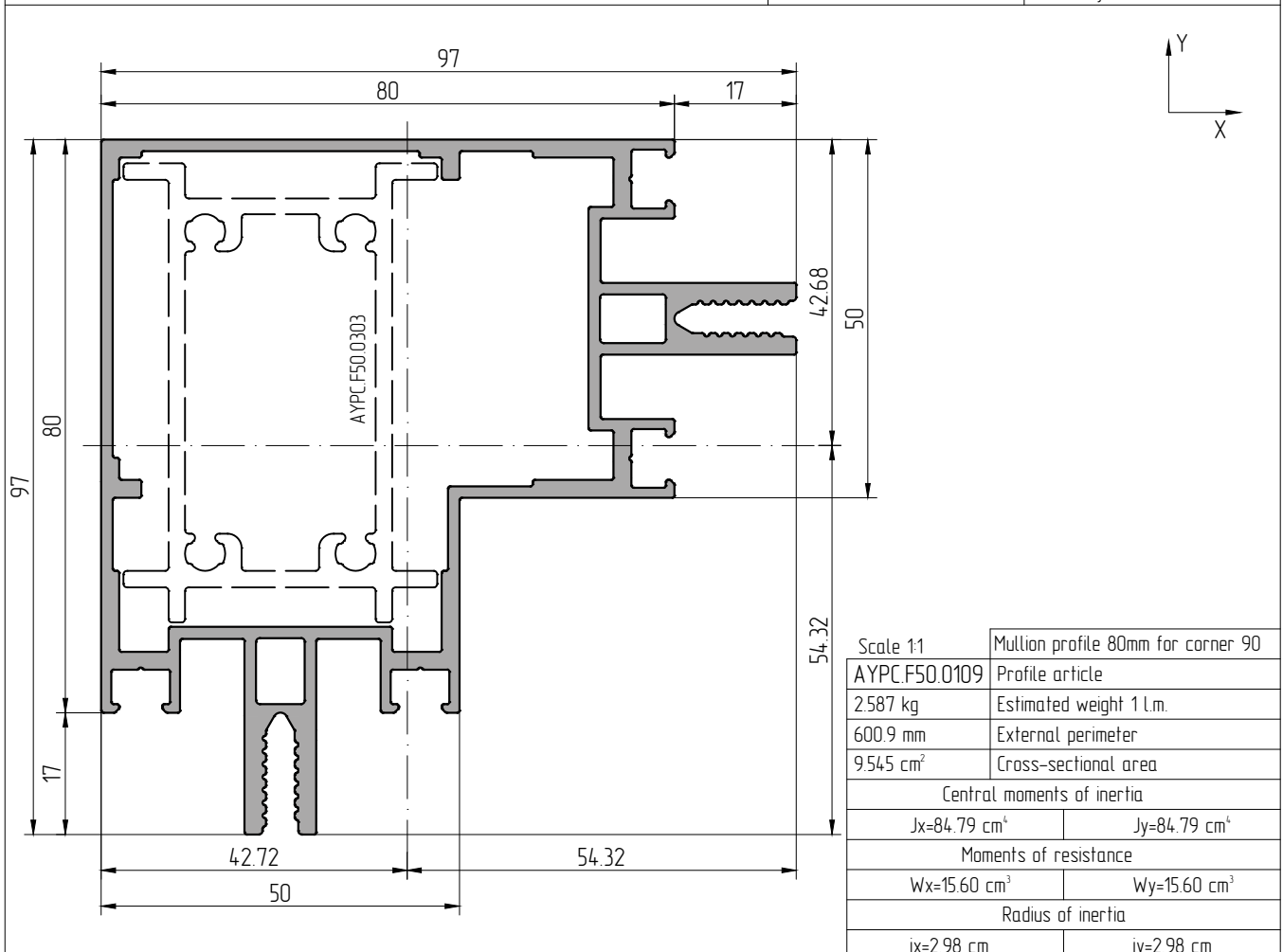
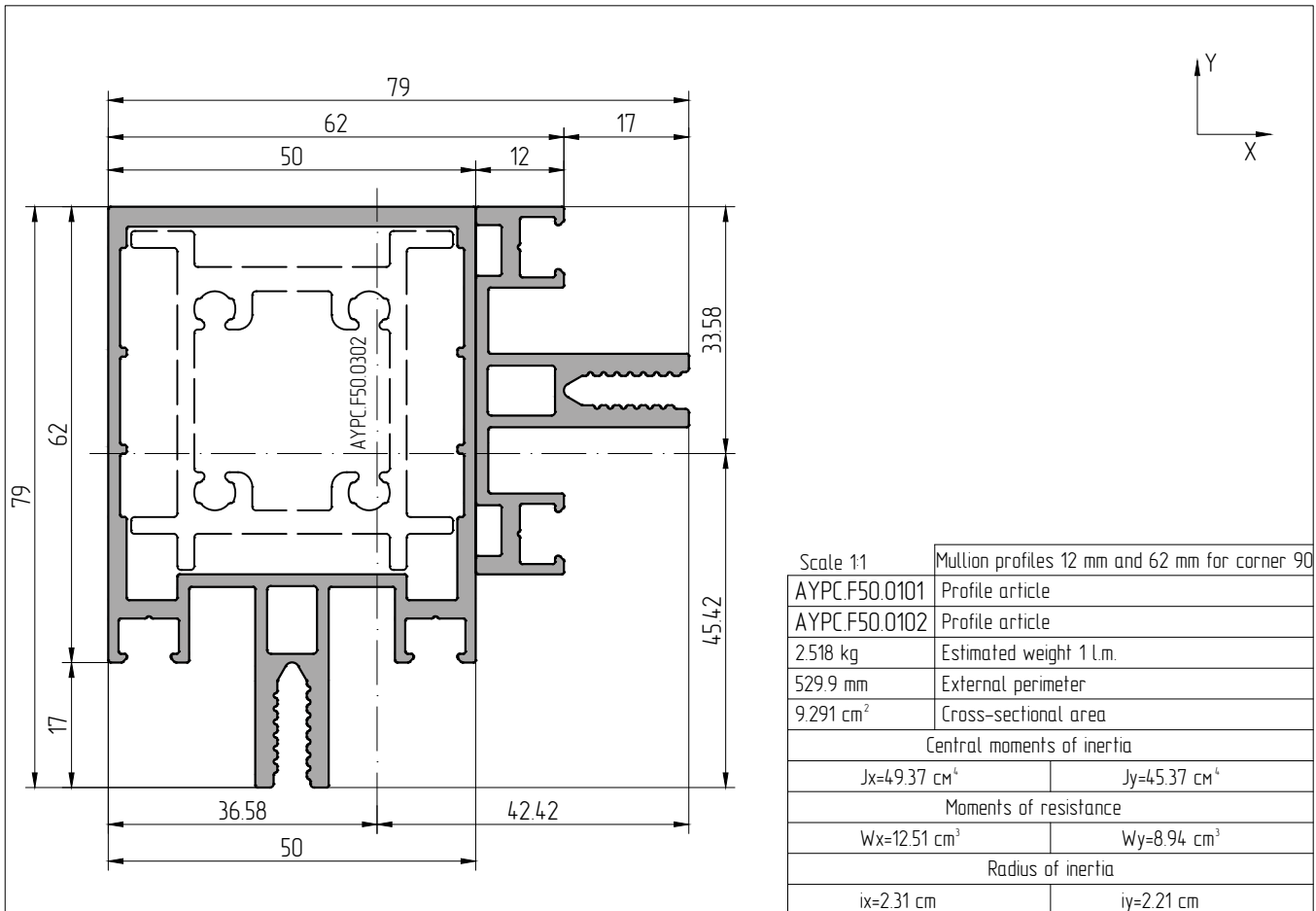
Scale 1:2	Mullion profile 210 mm			
AYPC.F50.0120	Profile article	Central moments of inertia		
4.490 kg	Estimated weight 1 l.m.	Jx=1006.82 cm ⁴	Jy=66.38 cm ⁴	
659.2 mm	External perimeter	Moments of resistance		
16.629 cm ²	Cross section area	Wx=83.9 cm ³	Wy=26.55 cm ³	
		Radius of inertia		
		ix=7.78 cm	iy=2.00 cm	

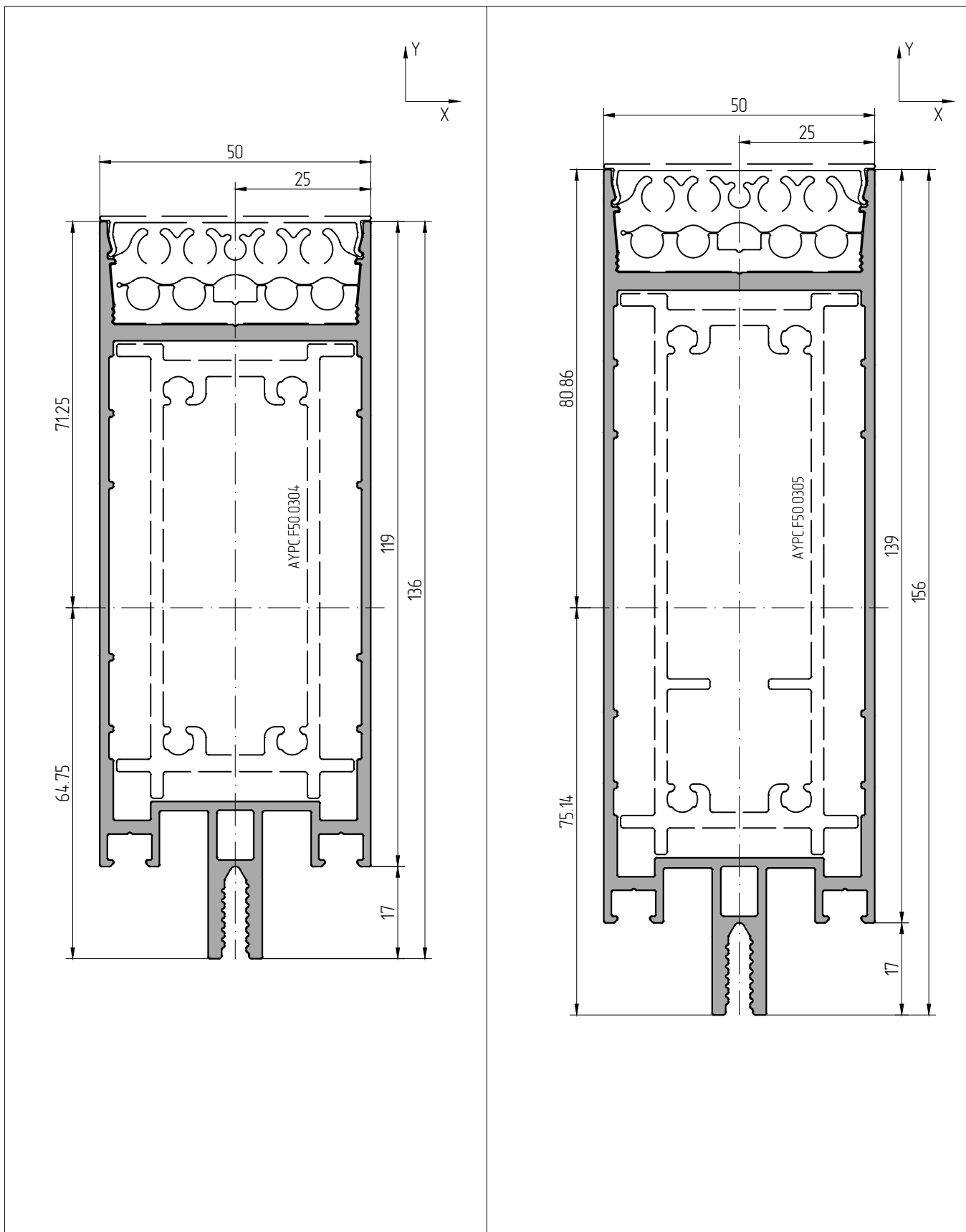


Scale 12		Mullion profile 230 mm		Scale 12		Mullion profile 270 mm	
AYPC.F50.0110	Profile article	Central moments of inertia		AYPC.F50.0111	Profile article	Central moments of inertia	
5.022 kg	Estimated weight 1 Lm.	$J_x=1254.78 \text{ cm}^4$	$J_y=73.49 \text{ cm}^4$	5.544 kg	Estimated weight 1 Lm.	$J_x=1857.23 \text{ cm}^4$	$J_y=84.78 \text{ cm}^4$
699.3 mm	External perimeter	Moments of resistance		779.3 mm	External perimeter	Moments of resistance	
18.533 cm ²	Cross-sectional area	$W_x=96.89 \text{ cm}^3$	$W_y=29.40 \text{ cm}^3$	20.533 cm ²	Cross-sectional area	$W_x=124.40 \text{ cm}^3$	$W_y=33.91 \text{ cm}^3$
		Radius of inertia				Radius of inertia	
		$i_x=8.23 \text{ cm}$	$i_y=1.99 \text{ cm}$			$i_x=9.51 \text{ cm}$	$i_y=2.03 \text{ cm}$

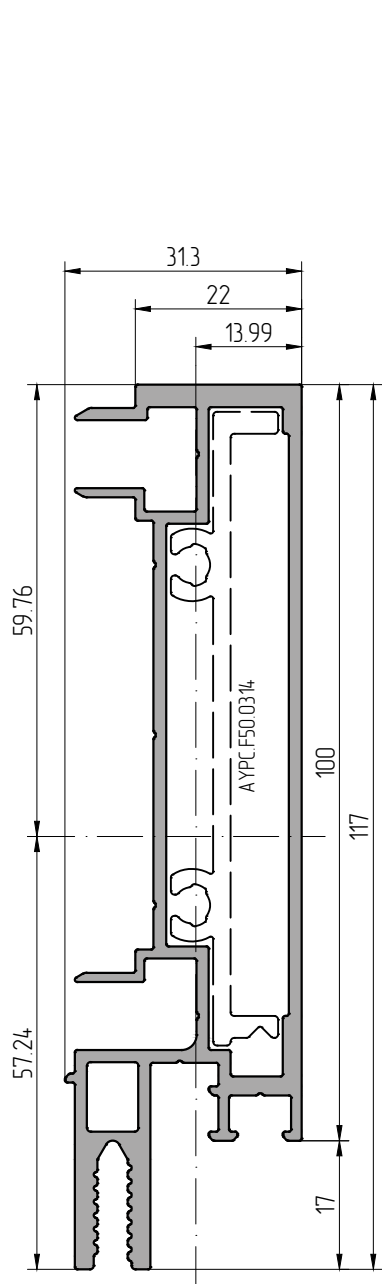
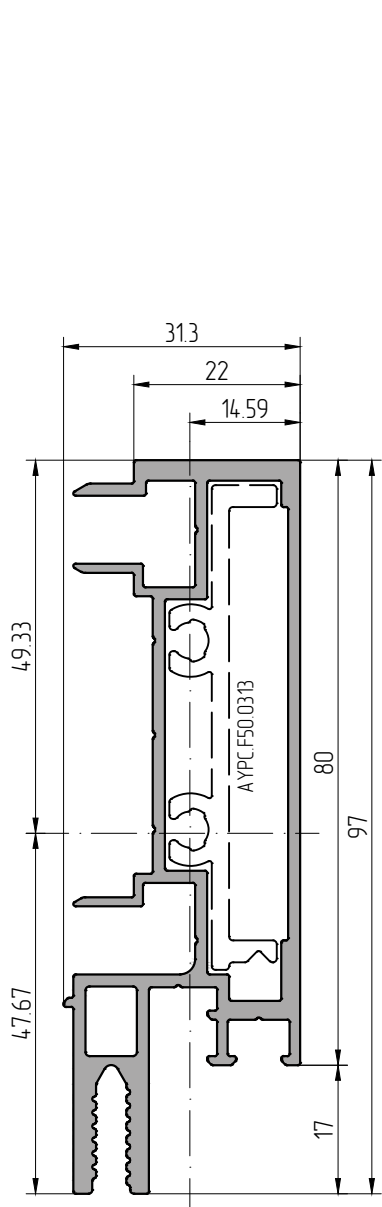


Scale 1:2		Mullion profile 270 mm	
AYPC.F50.0112	Profile article	Central moments of inertia	
8.456 kg	Estimated weight 1 l.m.	Jx=2920.48 cm ⁴	Jy=124.17 cm ⁴
763.5 mm	External perimeter	Moments of resistance	
31.203 cm ²	Cross-sectional area	Wx=189.76 cm ³	Wy=49.67 cm ³
		Radius of inertia	
		ix=9.67 cm	iy=1.99 cm

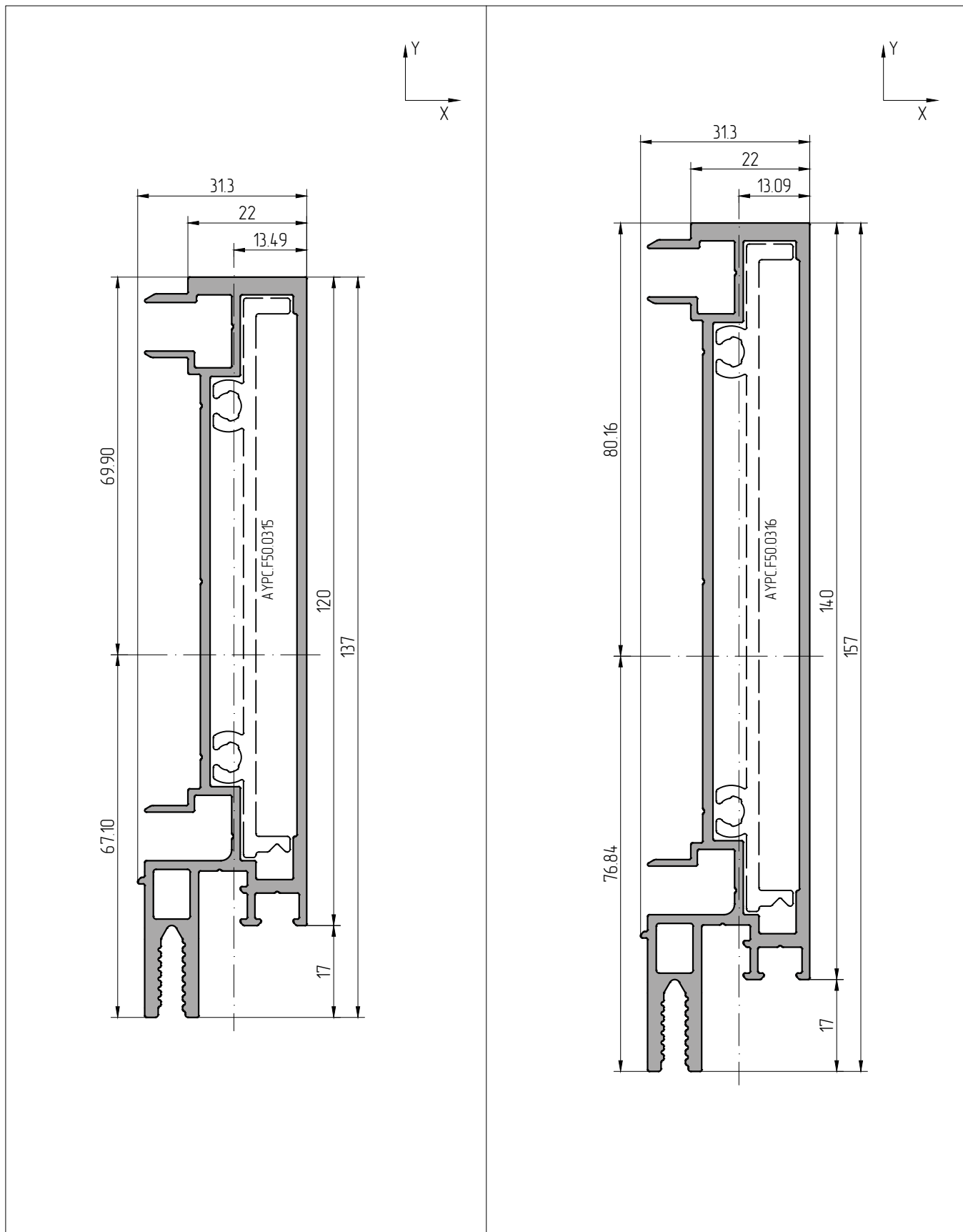




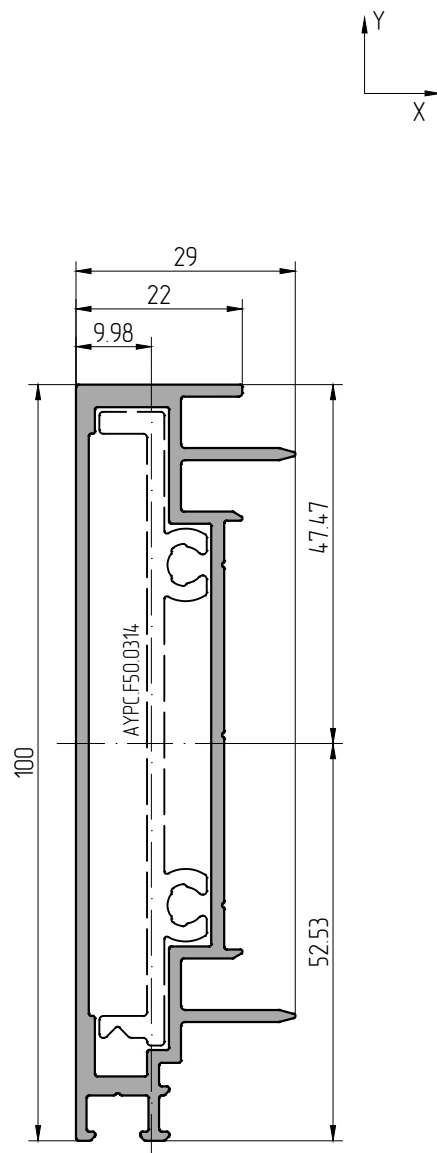
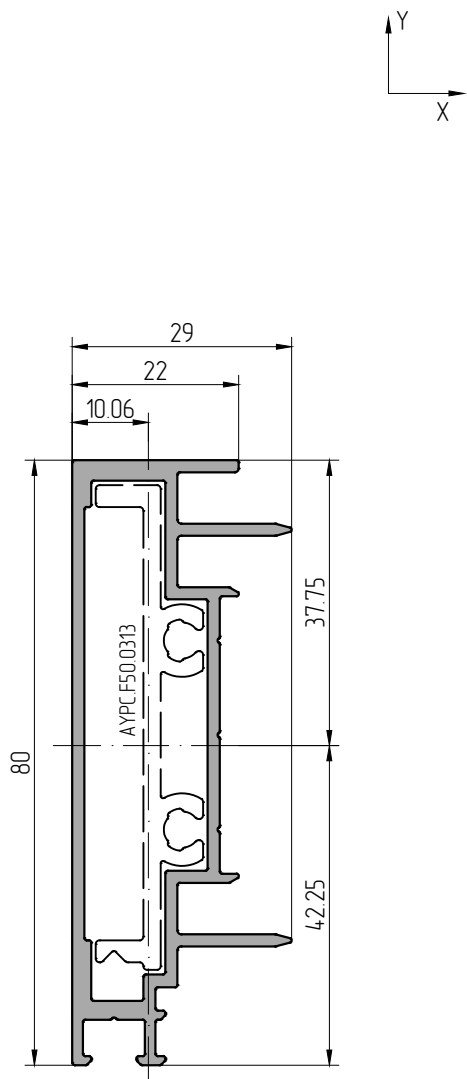
Scale 1:1		Mullion profile 120 mm		Scale 1:1		Mullion profile 140 mm	
AYPC.F50.0145	Profile article	Central moments of inertia		AYPC.F50.0146	Profile article	Central moments of inertia	
2.304 kg	Estimated weight 1 l.m.	Jx=154.92 cm ⁴	Jy=31.1 cm ⁴	2.584 kg	Estimated weight 1 l.m.	Jx=237.64 cm ⁴	Jy=36.32 cm ⁴
518.5 mm	External perimeter	Moments of resistance		557.7 mm	External perimeter	Moments of resistance	
8.500 cm ²	Cross-sectional area	Wx=23.93 cm ³	Wy=12.44 cm ³	9.534 cm ²	Cross-sectional area	Wx=31.63 cm ³	Wy=14.53 cm ³
		Radius of inertia				Radius of inertia	
		ix=4.27 cm	iy=1.91 cm			ix=4.99 cm	iy=1.95 cm



Scale 1:1		Mullion profile 80 mm				Scale 1:1		Mullion profile 100 mm			
AYPC.F50.0113	Profile article	Central moments of inertia				AYPC.F50.0114	Profile article	Central moments of resistance			
1566 kg	Estimated weight 1 Lm.	Jx=55.16 cm ⁴	Jy=5.58 cm ⁴		1789 kg	Estimated weight 1 Lm.	Jx=95.37 cm ⁴	Jy=6.39 cm ⁴			
428.5 mm	External perimeter	Moment of resistance				467.7 mm	External perimeter	Moments of resistance			
5.777 cm ²	Cross-sectional area	Wx=11.18 cm ³	Wy=3.34 cm ³		6.602 cm ²	Cross-sectional area	Wx=15.96 cm ³	Wy=3.69 cm ³			
		Radius of inertia						Radius of inertia			
		ix=3.09 cm	iy=0.98 cm				ix=3.80 cm	iy=0.98 cm			

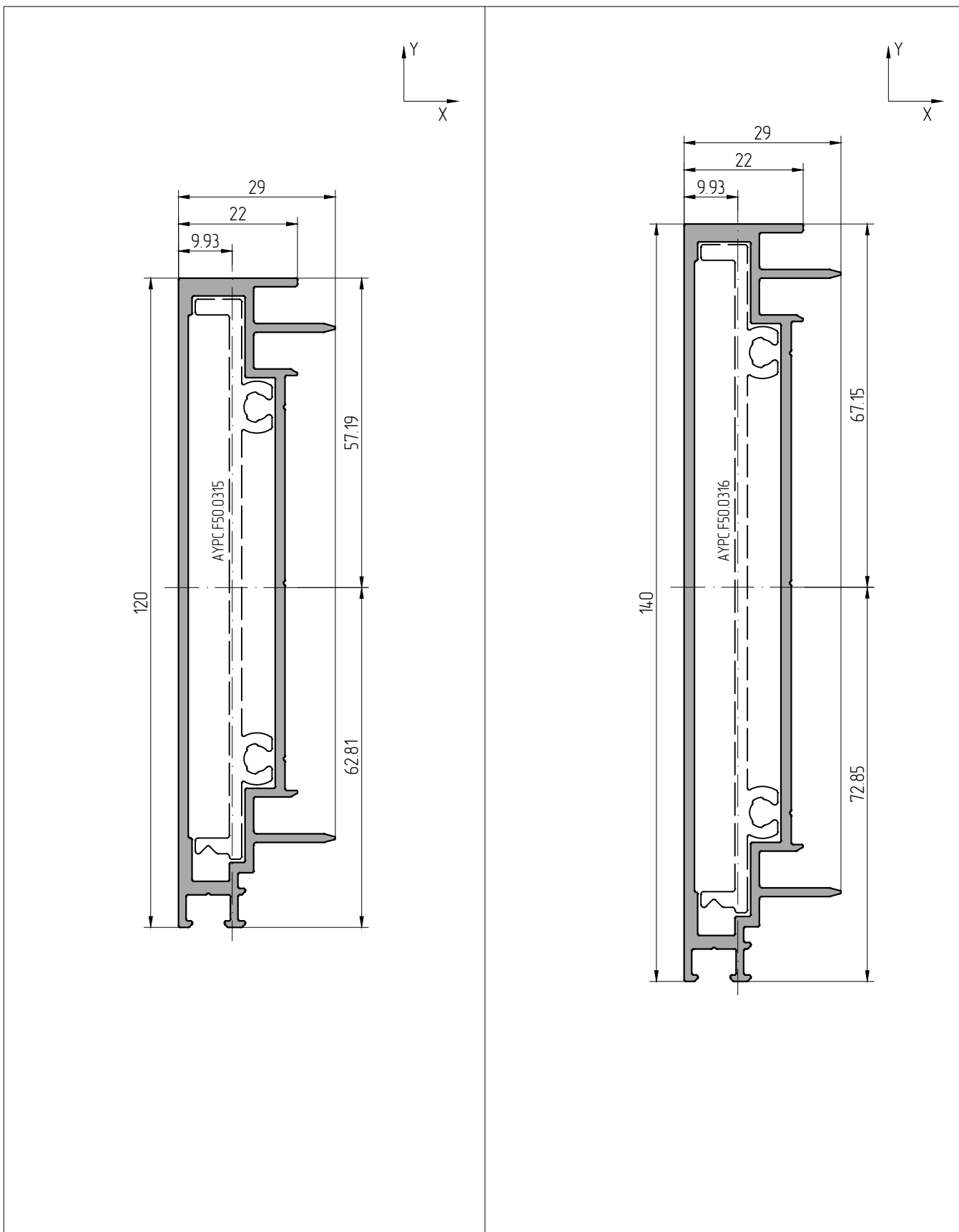


Scale 1:1		Mullion profile 120 mm		Scale 1:1		Mullion profile 140 mm	
AYPC.F50.0115	Profile article	Central moments of inertia		AYPC.F50.0116	Profile article	Central moments of inertia	
2.039 kg	Estimated weight 1 Lm.	Jx=15134 cm ⁴	Jy=7.23 cm ⁴	2.292 kg	Estimated weight 1 Lm.	Jx=222.26 cm ⁴	Jy=8.08 cm ⁴
506.5 mm	External perimeter	Momrnts of resistance		546.3 mm	External perimeter	Moments of resistance	
7.525 cm ²	Cross-sectional area	Wx=21.65 cm ³	Wy=4.06 cm ³	8.458 cm ²	Cross-sectional area	Wx=27.73 cm ³	Wy=4.44 cm ³
		Radius of inertia				Radius of inertia	
		ix=4.48 cm	iy=0.98 cm			ix=5.13 cm	iy=0.97 cm

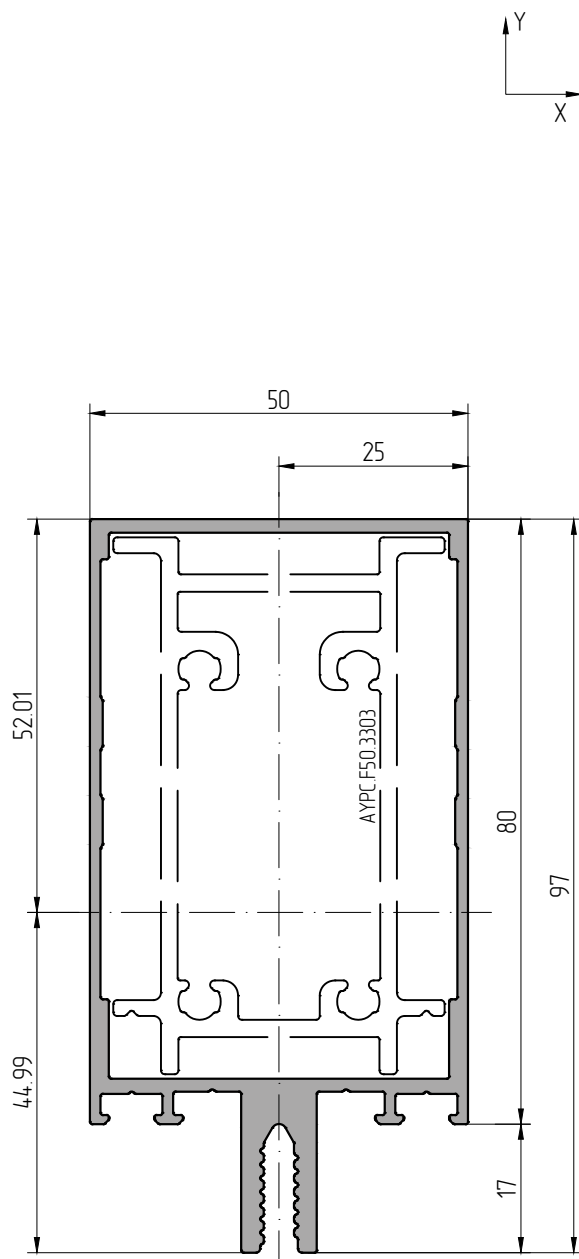
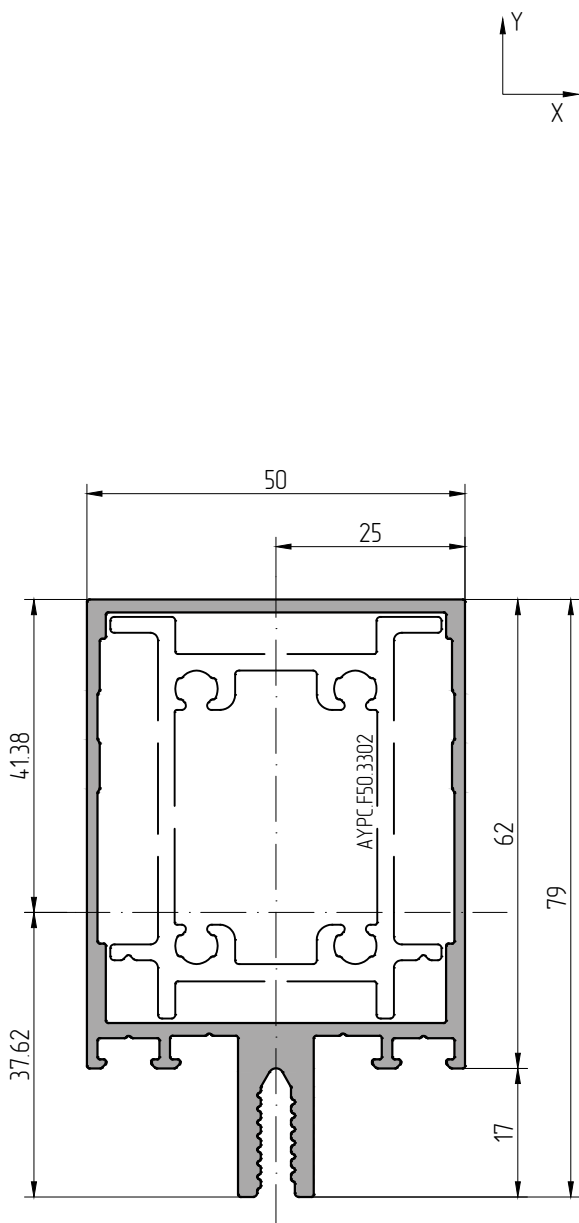


Scale 1:1	Mullion profile 80 mm			
AYPC.F50.0123	Profile article	Central moments of inertia		
1094 kg	Estimated weight 1 l.m.	Jx=27.87 cm ⁴	Jy=2.61 cm ⁴	
299.1 mm	External perimeter	Moments of resistance		
4.037 cm ²	Cross-sectional area	Wx=6.50 cm ³	Wy=1.38 cm ³	
		Radius of inertia		
		ix=2.63 cm	iy=0.80 cm	

Scale 1:1	Mullion profile 100 mm			
AYPC.F50.0124	Profile article	Central moments of inertia		
1314 kg	Estimated weight 1 l.m.	Jx=52.51 cm ⁴	Jy=3.24 cm ⁴	
339.6 mm	External perimeter	Moments of resistance		
4.849 cm ²	Cross-sectional area	Wx=10.00 cm ³	Wy=1.70 cm ³	
		Radius of inertia		
		ix=3.29 cm	iy=0.82 cm	

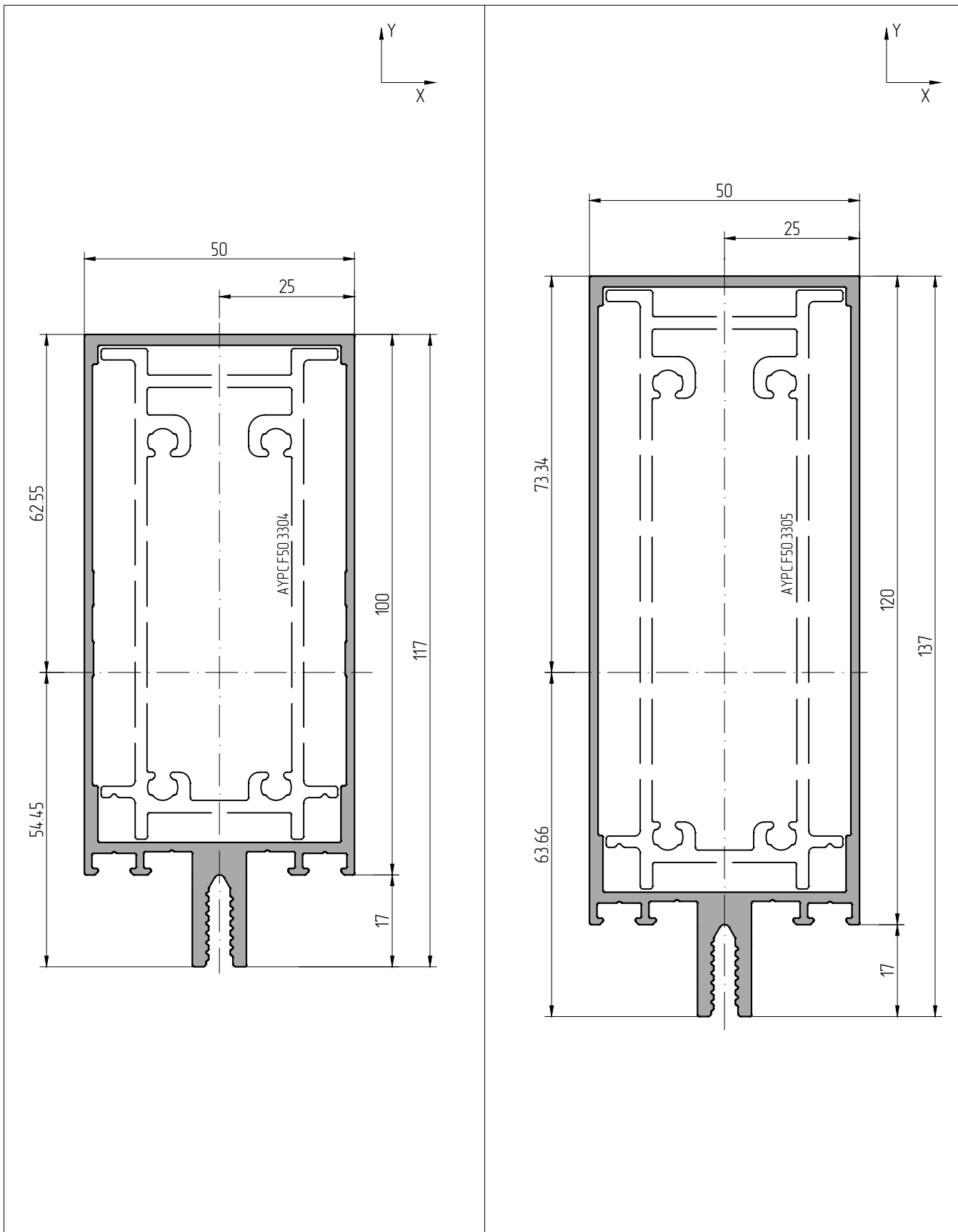


Scale 1:1		Mullion profile 120 mm		Scale 1:1		Mullion profile 140 mm	
AYPC.F50.0125	Profile article	Central moments of inertia		AYPC.F50.0126	Profile article	Central moments of inertia	
1555 kg	Estimated weight 1 L.m.	Jx=88.47 cm ⁴	Jy=3.93 cm ⁴	1807 kg	Estimated weight 1 L.m.	Jx=136.73 cm ⁴	Jy=4.68 cm ⁴
379.5 mm	External perimeter	Moments of resistance		418.4 mm	External perimeter	Moments of resistance	
5.740 cm ²	Cross-sectional area	Wx=14.08 cm ³	Wy=2.06 cm ³	6.668 cm ²	Cross-sectional area	Wx=18.77 cm ³	Wy=2.45 cm ³
		Radius of inertia				Radius of inertia	
		ix=3.93 cm	iy=0.83 cm			ix=4.53 cm	iy=0.84 cm

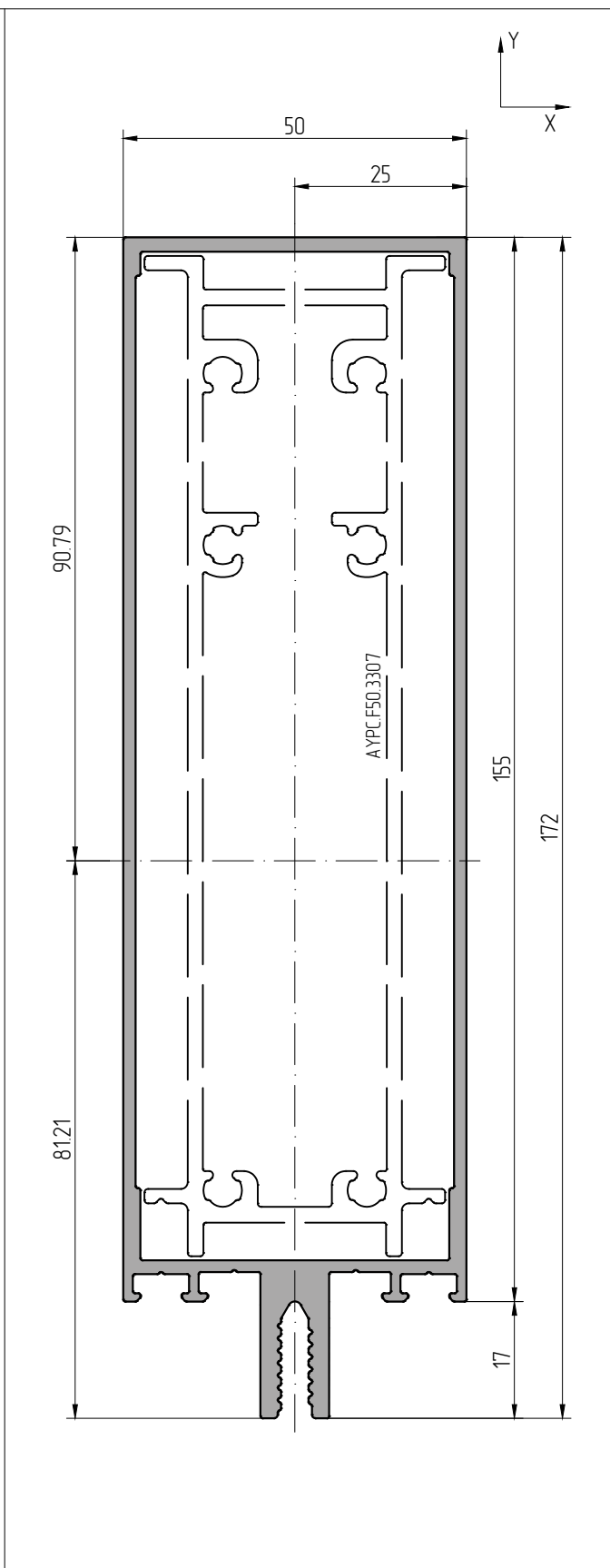
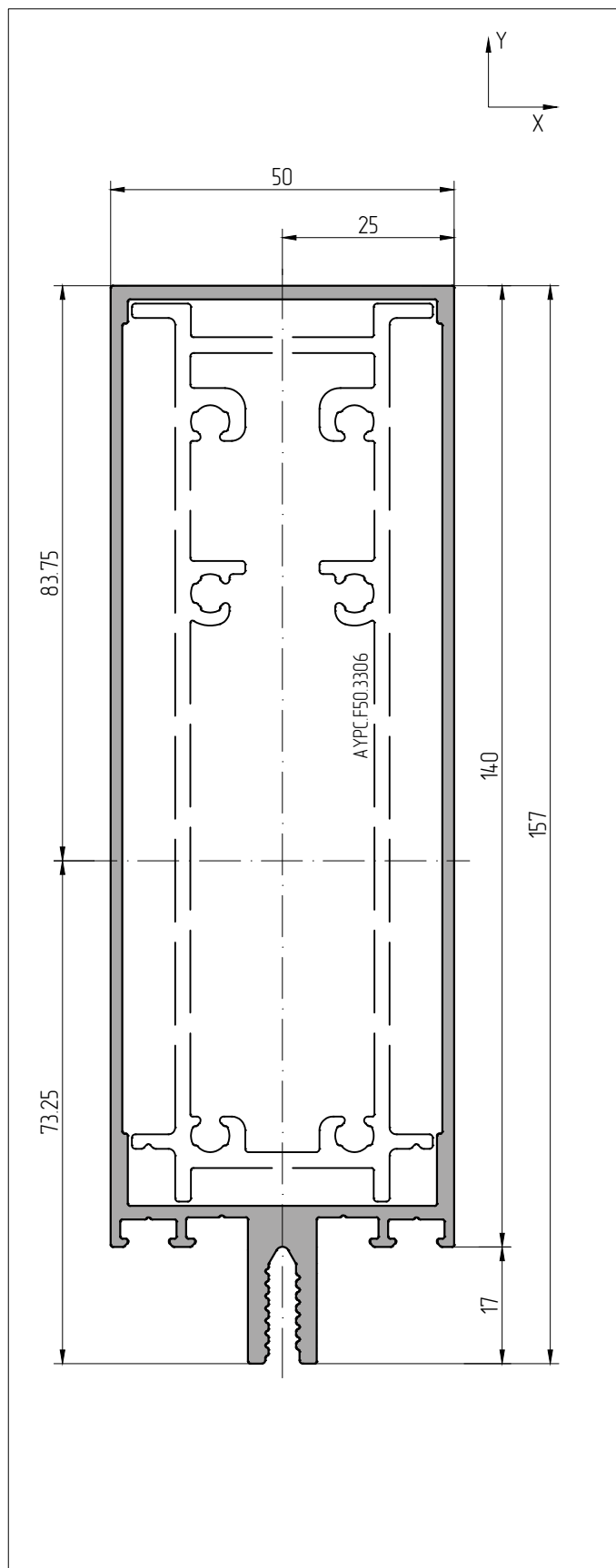


Scale 1:1		Mullion profile 62 mm	
AYPC.F50.3102	Profile article	Central moments of inertia	
1457 kg	Estimated weight 1 Lm.	$J_x=35.24 \text{ cm}^4$	$J_y=16.15 \text{ cm}^4$
336.9 mm	External perimeter	Moments of resistance	
5.397 cm ²	Cross-sectional area	$W_x=8.52 \text{ cm}^3$	$W_y=6.46 \text{ cm}^3$
		Radius of inertia	
		$i_x=2.56 \text{ cm}$	$i_y=1.73 \text{ cm}$

Scale 1:1		Mullion profile 80 mm	
AYPC.F50.3103	Profile article	Central moments of inertia	
1605 kg	Estimated weight 1 Lm.	$J_x=62.06 \text{ cm}^4$	$J_y=19.2 \text{ cm}^4$
372.9 mm	External perimeter	Moments of resistance	
5.945 cm ²	Cross-sectional area	$W_x=11.93 \text{ cm}^3$	$W_y=7.68 \text{ cm}^3$
		Radius of inertia	
		$i_x=3.23 \text{ cm}$	$i_y=1.80 \text{ cm}$

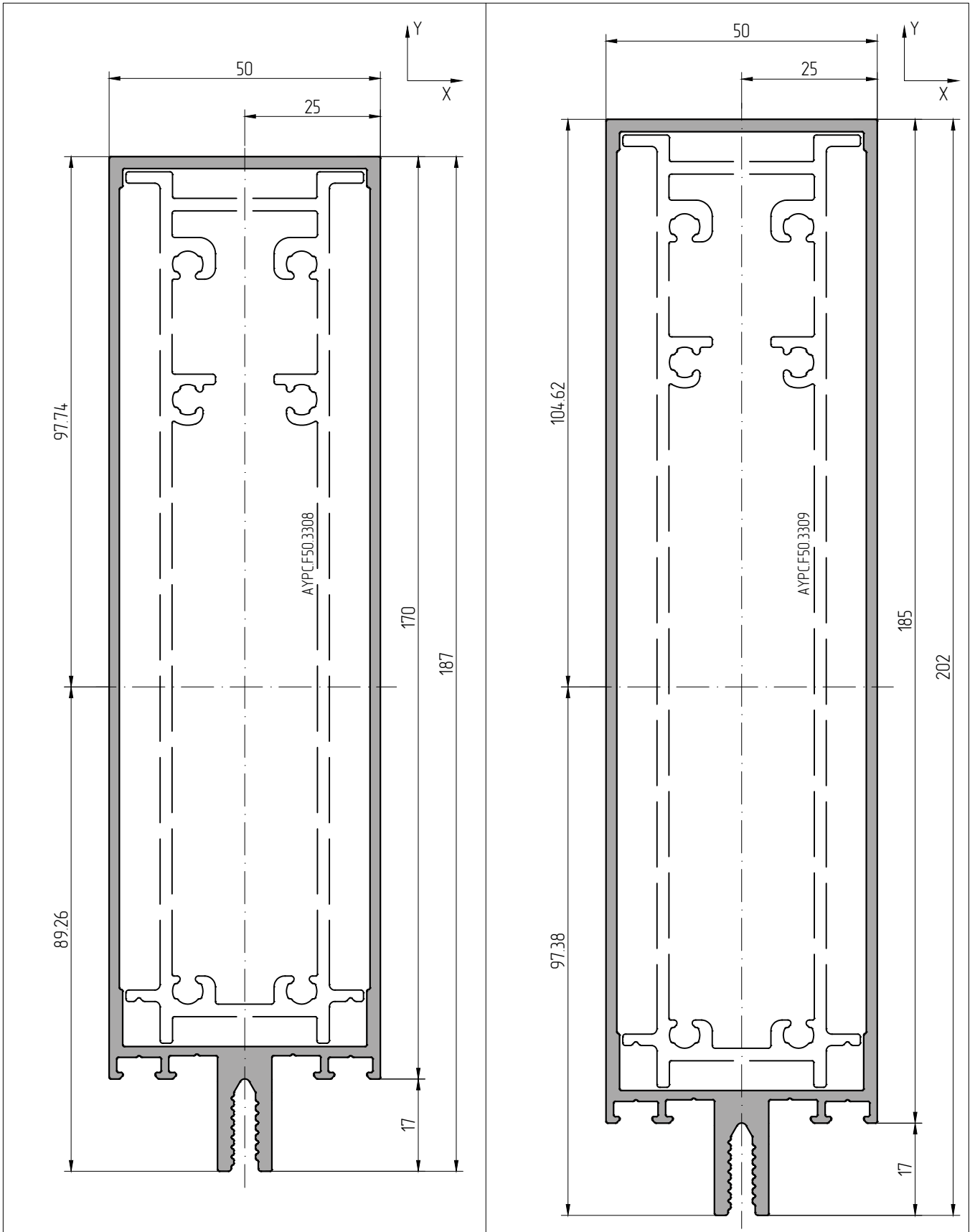


Scale 1:1		Mullion profile 100 mm		Scale 1:1		Mullion profile 120 mm	
AYPC.F50.3104	Profile article	Central moments of inertia		AYPC.F50.3105	Profile article	Central moments of inertia	
1816 kg	Estimated weight 1 l.m.	$J_x=106.81 \text{ cm}^4$	$J_y=23.39 \text{ cm}^4$	2018 kg	Estimated weight 1 l.m.	$J_x=164.13 \text{ cm}^4$	$J_y=27.72 \text{ cm}^4$
412.9 mm	External perimeter	Moments of resistance		452.9 mm	External perimeter	Moments of resistance	
6.728 cm ²	Cross-sectional area	$W_x=17.08 \text{ cm}^3$	$W_y=9.36 \text{ cm}^3$	7.473 cm ²	Cross-sectional area	$W_x=22.38 \text{ cm}^3$	$W_y=11.09 \text{ cm}^3$
		Radius of inertia				Radius of inertia	
		$i_x=3.98 \text{ cm}$	$i_y=1.86 \text{ cm}$			$i_x=4.69 \text{ cm}$	$i_y=1.93 \text{ cm}$

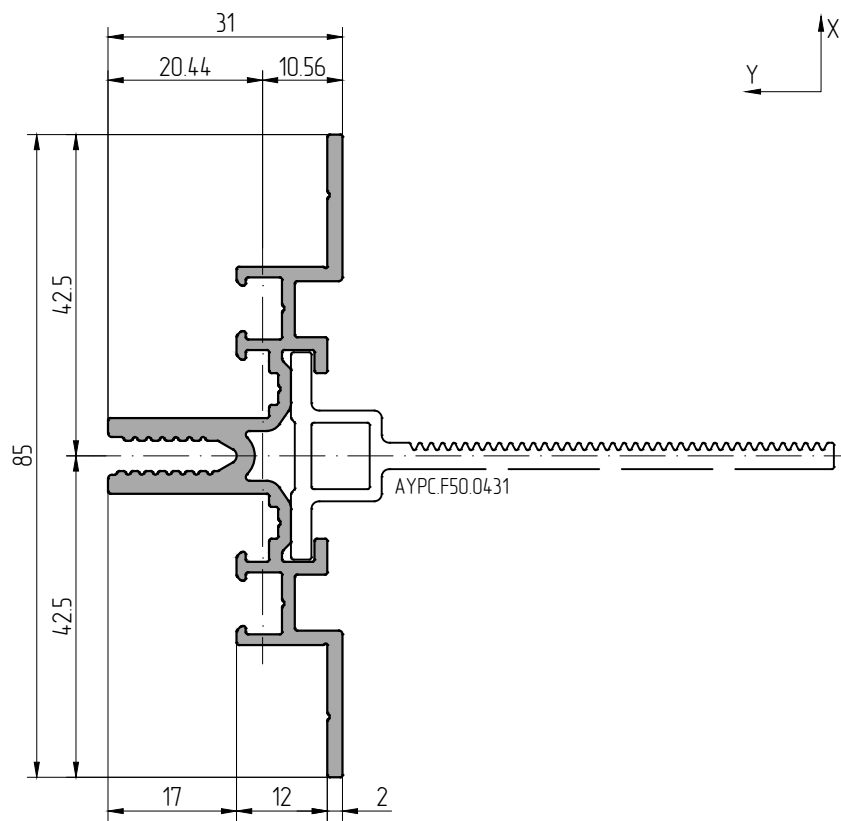


Scale 1:1	Mullion profile 140 mm		
AYPC.F50.3106	Profile article	Central moments of inertia	
2.254 kg	Estimated weight 1 L.m.	$J_x=238.64 \text{ cm}^4$	$J_y=32.76 \text{ cm}^4$
492.9 mm	External perimeter	Moments of resistance	
8.349 cm ²	Cross-sectional area	$W_x=28.49 \text{ cm}^3$	$W_y=13.1 \text{ cm}^3$
		Radius of inertia	
		$i_x=5.35 \text{ cm}$	$i_y=1.98 \text{ cm}$

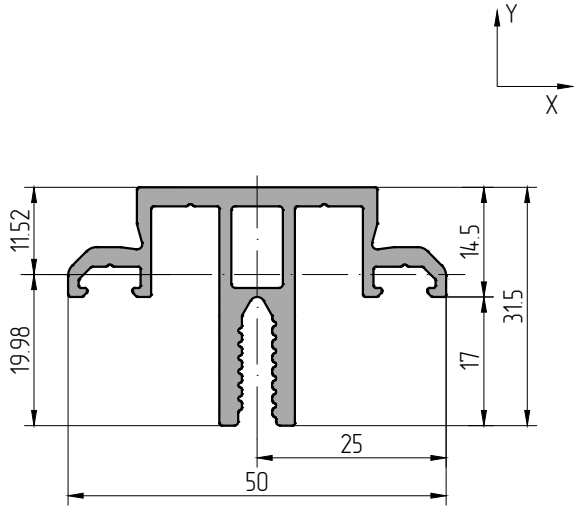
Scale 1:1	Mullion profile 155 mm		
AYPC.F50.3107	Profile article	Central moments of inertia	
2.476 kg	Estimated weight 1 L.m.	$J_x=312.26 \text{ cm}^4$	$J_y=37.26 \text{ cm}^4$
522.9 mm	External perimeter	Moments of resistance	
9.171 cm ²	Cross-sectional area	$W_x=34.39 \text{ cm}^3$	$W_y=14.90 \text{ cm}^3$
		Radius of inertia	
		$i_x=5.84 \text{ cm}$	$i_y=2.02 \text{ cm}$



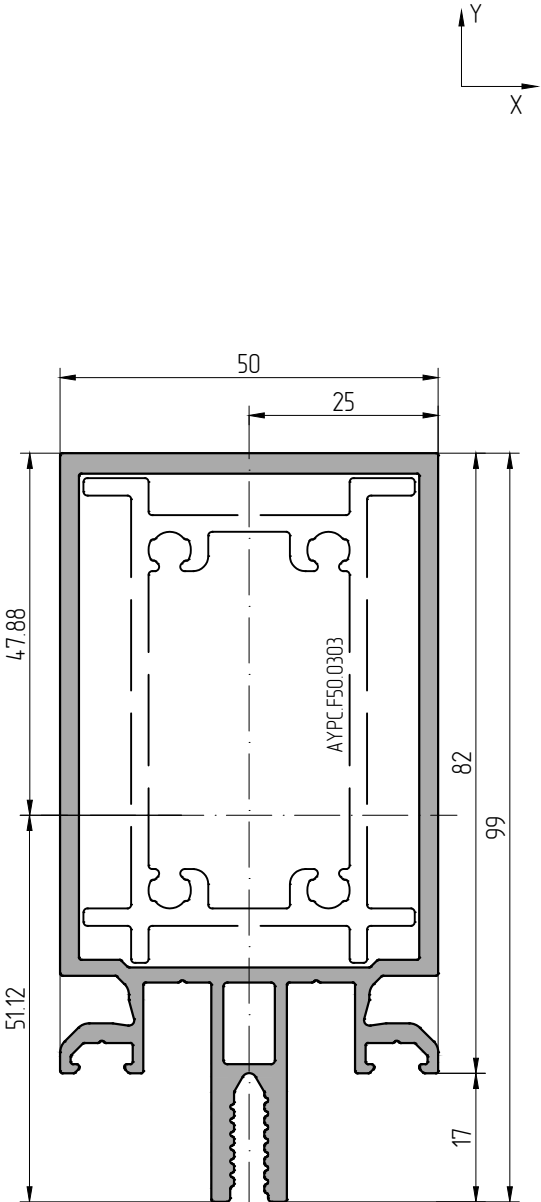
Scale 1:1		Mullion profile 170 mm		Scale 1:1		Mullion profile 185 mm	
AYP.C.F50.3108	Profile article	Central moments of inertia		AYP.C.F50.3109	Profile article	Central moments of inertia	
2.714 kg	Estimated weight 1 l.m.	$J_x=4.00.20 \text{ cm}^4$	$J_y=4.2.06 \text{ cm}^4$	2.969 kg	Estimated weight 1 l.m.	$J_x=5.04.16 \text{ cm}^4$	$J_y=4.7.17 \text{ cm}^4$
552.9 mm	External perimeter	Moments of resistance		582.9 mm	External perimeter	Moments of resistance	
10.053 cm ²	Cross-sectional area	$W_x=4.0.95 \text{ cm}^3$	$W_y=16.82 \text{ cm}^3$	10.995 cm ²	Cross-sectional area	$W_x=4.8.19 \text{ cm}^3$	$W_y=18.87 \text{ cm}^3$
		Radius of inertia				Radius of inertia	
		$i_x=6.31 \text{ cm}$	$i_y=2.05 \text{ cm}$			$i_x=6.77 \text{ cm}$	$i_y=2.07 \text{ cm}$



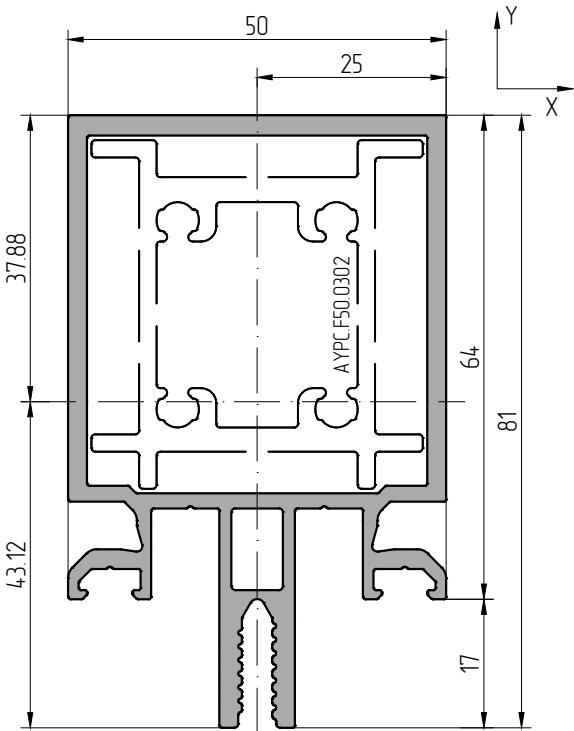
Scale 1:1		Mullion profile	
AYPC.F50.0131	Profile article	Central moments of inertia	
0.980 kg	Estimated weight 1 l.m.	$J_x=2.57 \text{ cm}^4$	$J_y=13.50 \text{ cm}^4$
376.2 mm	External perimeter	Moments of resistance	
3631 mm ²	Cross-sectional area	$W_x=1.26 \text{ cm}^3$	$W_y=3.18 \text{ cm}^3$
		Radius of inertia	
		$i_x=0.84 \text{ cm}$	$i_y=1.93 \text{ cm}$



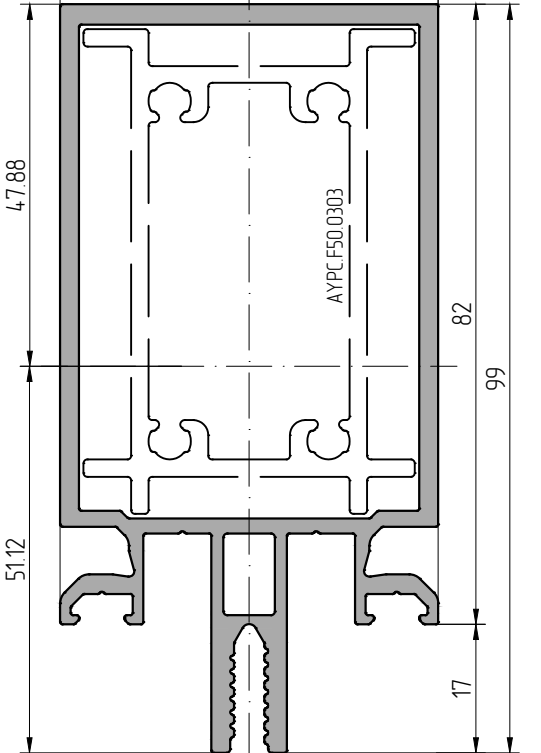
Scale 11		Solid mullion profile 14 mm	
AYPC.SK50.0101	Profile article	Central moments of inertia	
0.868 kg	Estimated weight 1 l.m.	Jx=2.51 cm ⁴	Jy=4.15 cm ⁴
264.6 mm	External perimeter	Moments of resistance	
3.203 cm ²	Cross-sectional area	Wx=126 cm ³	Wy=166 cm ³
		Radius of inertia	
		ix=0.89 cm	iy=1.14 cm



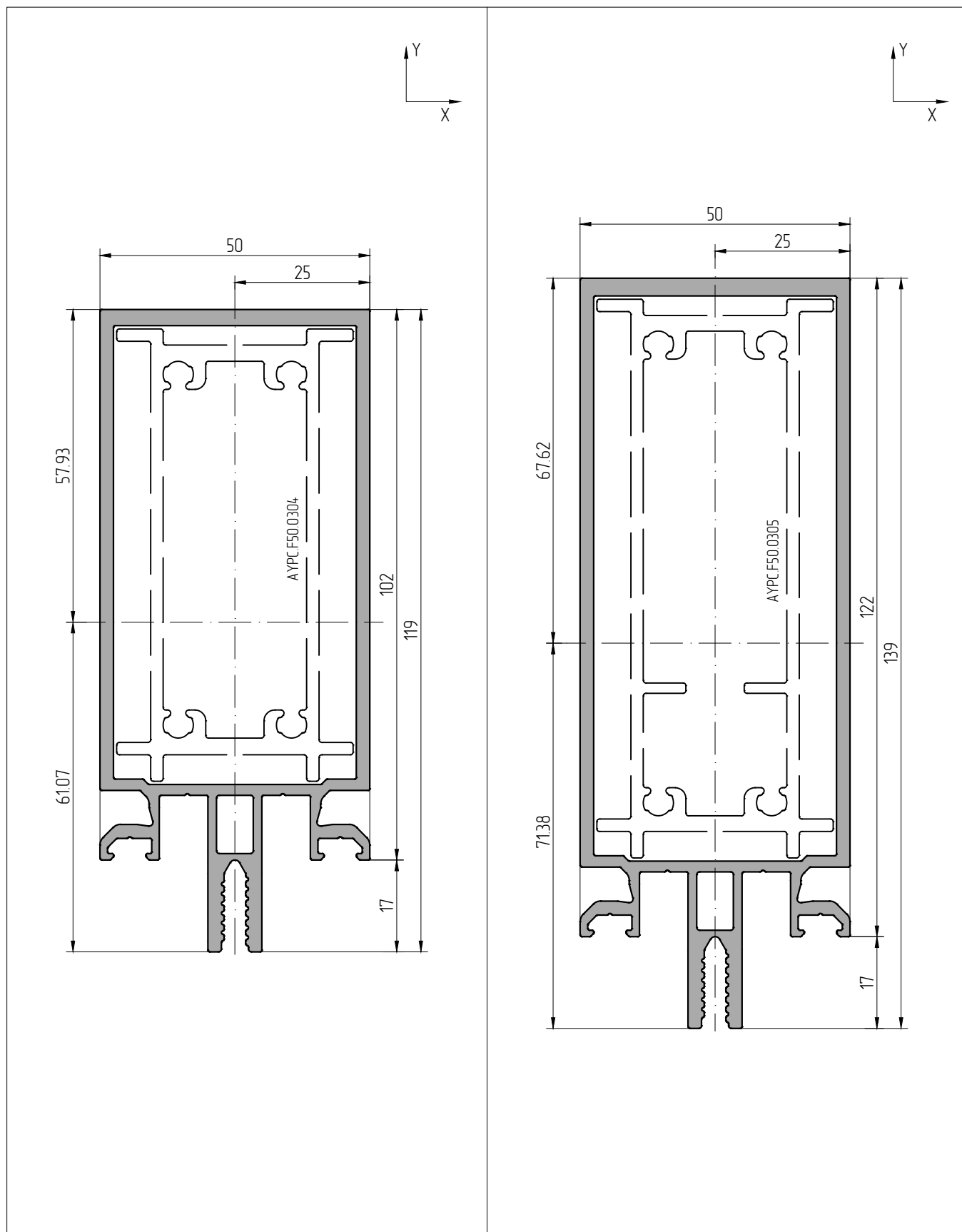
Scale 11		Mullion profile 82 mm	
AYPC.SK50.0103	Profile article	Central moments of inertia	
2.171	Estimated weight 1 l.m.	Jx=80.37 cm ⁴	Jy=26.66 cm ⁴
433.5 mm	External perimeter	Moments of resistance	
8.009 cm ²	Cross-sectional area	Wx=15.72 cm ³	Wy=10.66 cm ³
		Radius of inertia	
		ix=3.17 cm	iy=1.82 cm



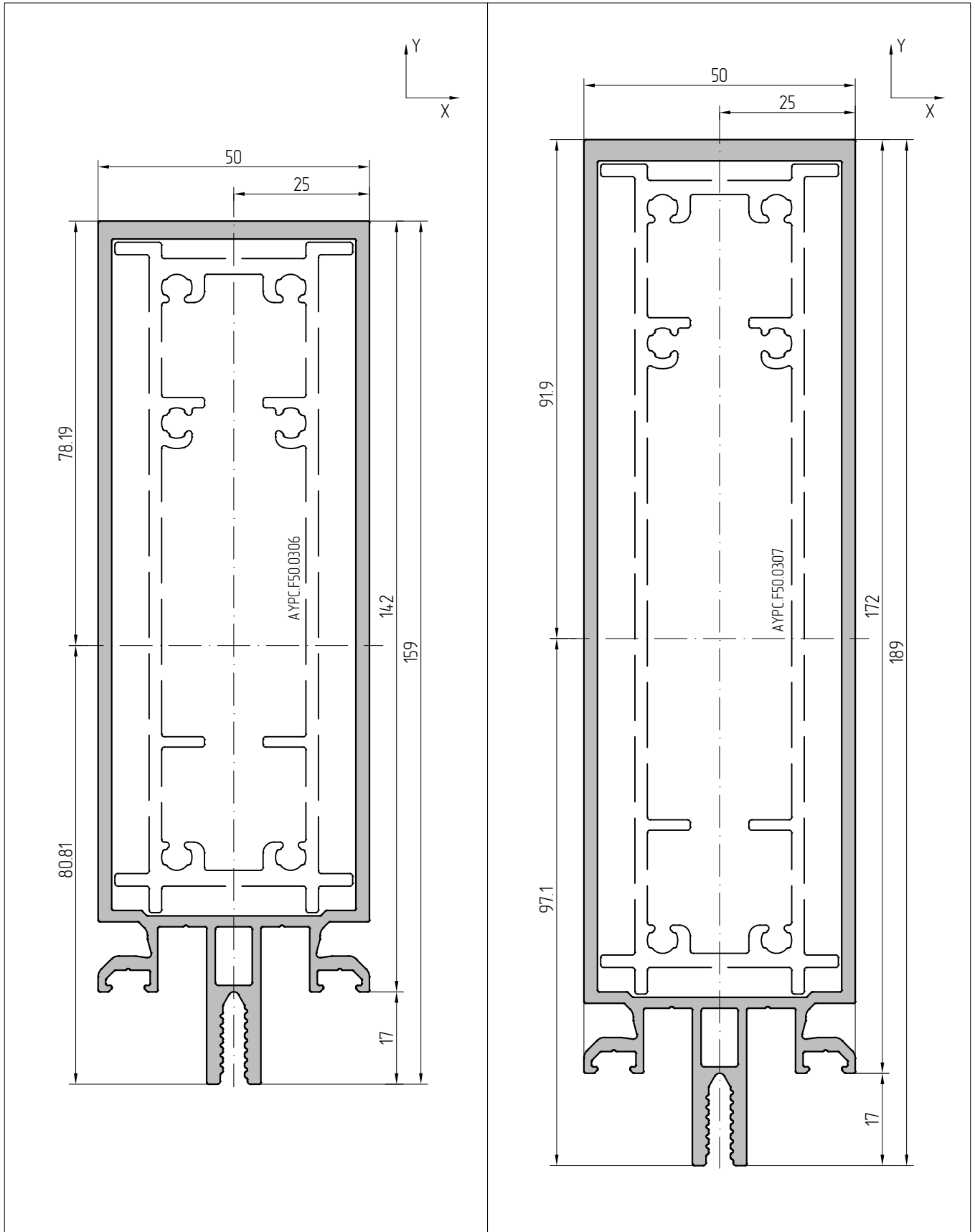
Scale 11		Mullion profile 64 mm	
AYPC.SK50.0102	Profile article	Central moments of inertia	
1.927 kg	Estimated weight 1 l.m.	Jx=4.556 cm ⁴	Jy=2.158 cm ⁴
397.5 mm	External perimeter	Moments of resistance	
7.109 cm ²	Cross-sectional area	Wx=10.57 cm ³	Wy=8.63 cm ³
		Radius of inertia	
		ix=2.53 cm	iy=1.74 cm



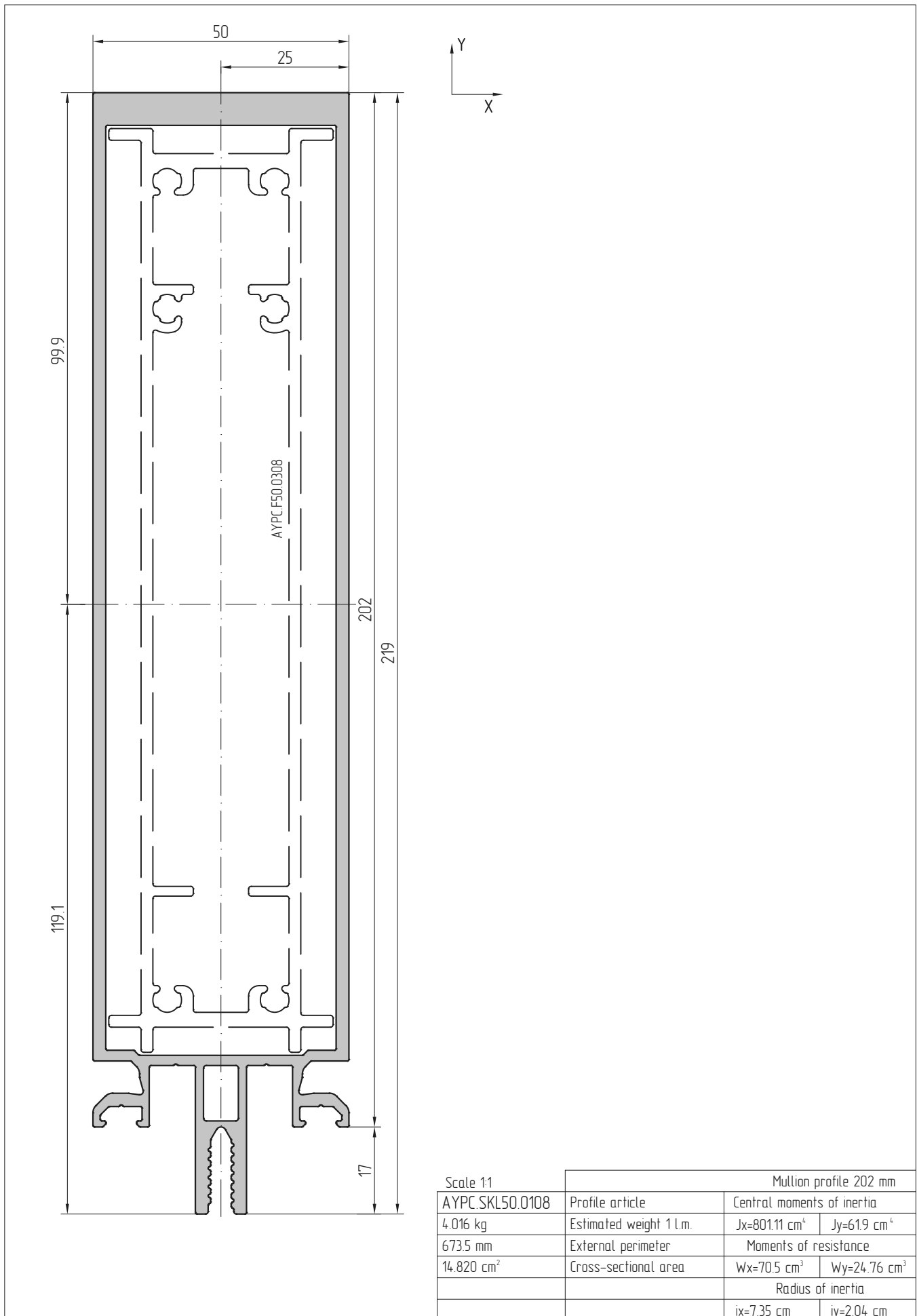
Scale 11		Mullion profile 82 mm	
AYPC.SK50.0103	Profile article	Central moments of inertia	
2.171	Estimated weight 1 l.m.	Jx=80.37 cm ⁴	Jy=26.66 cm ⁴
433.5 mm	External perimeter	Moments of resistance	
8.009 cm ²	Cross-sectional area	Wx=15.72 cm ³	Wy=10.66 cm ³
		Radius of inertia	
		ix=3.17 cm	iy=1.82 cm

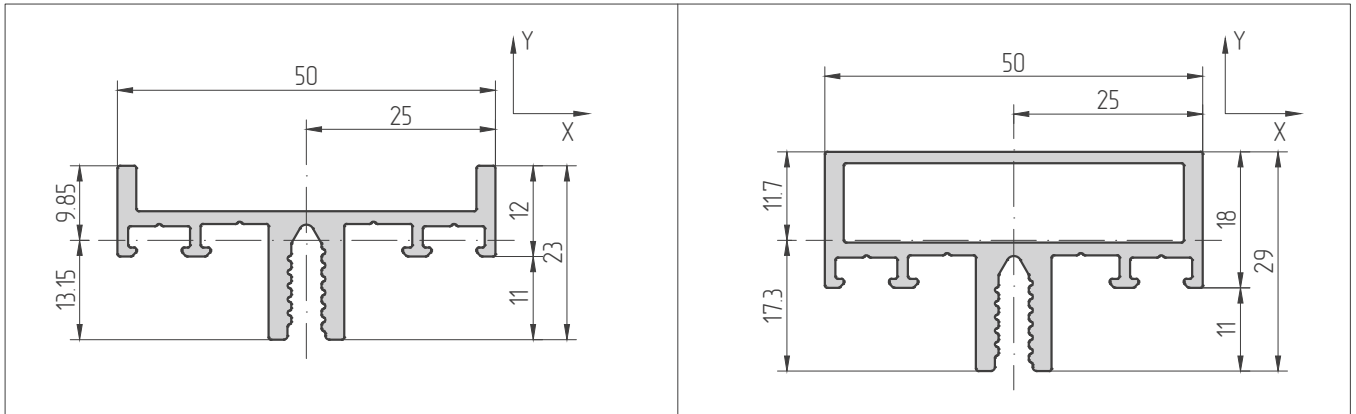


Scale 11		Mullion profile 102 mm		Scale 11		Mullion profile 122 mm	
AYPC.SK50.0104	Profile article	Central moments of inertia		AYPC.SK50.0105	Profile article	Central moments of inertia	
2.479 kg	Estimated weight 1 Lm.	Jx=138.34 cm ⁴	Jy=32.53 cm ⁴	2.786 kg	Estimated weight 1 Lm.	Jx=217.52 cm ⁴	Jy=38.41 cm ⁴
473.4 mm	External perimeter	Moments of resistance		513.5 mm	External perimeter	Moments of resistance	
9.146 cm ²	Cross-sectional area	Wx=22.7 cm ³	Wy=13.01 cm ³	10.279 cm ²	Cross-sectional area	Wx=30.47 cm ³	Wy=15.36 cm ³
		Radius of inertia				Radius of inertia	
		ix=3.89 cm	iy=1.89 cm			ix=4.60 cm	iy=1.93 cm



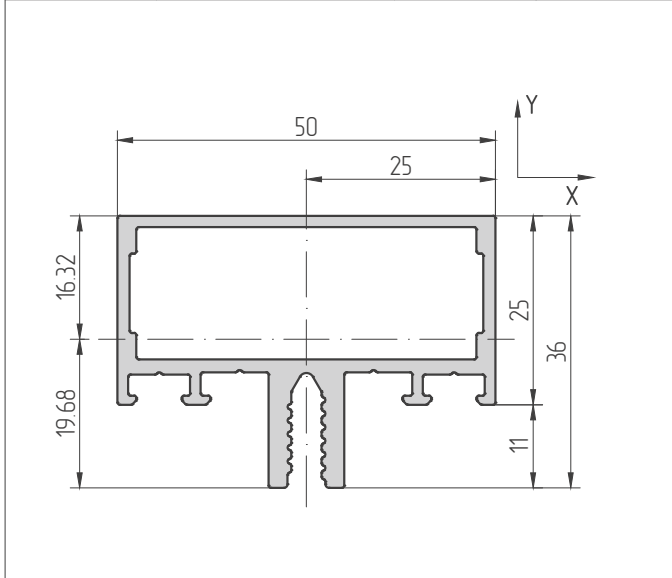
Scale 1:1		Mullion profile 142 mm		Scale 1:1		Mullion profile 172 mm	
AYPC.SK150.0106	Profile article	Central moments of inertia		AYPC.SK150.0107	Profile article	Central moments of inertia	
3.057 kg	Estimated weight 1 l.m.	Jx=313.20 cm ⁴	Jy=44.05 cm ⁴	3.536 kg	Estimated weight 1 l.m.	Jx=521.07 cm ⁴	Jy=52.98 cm ⁴
553.5 mm	External perimeter	Moments of resistance		613.5 mm	External perimeter	Moments of resistance	
11.280 cm ²	Cross-sectional area	Wx=38.76 cm ³	Wy=17.62 cm ³	13.050 cm ²	Cross-sectional area	Wx=53.67 cm ³	Wy=21.19 cm ³
		Radius of inertia				Radius of inertia	
		ix=5.27 cm	iy=1.98 cm			ix=6.32 cm	iy=2.01 cm



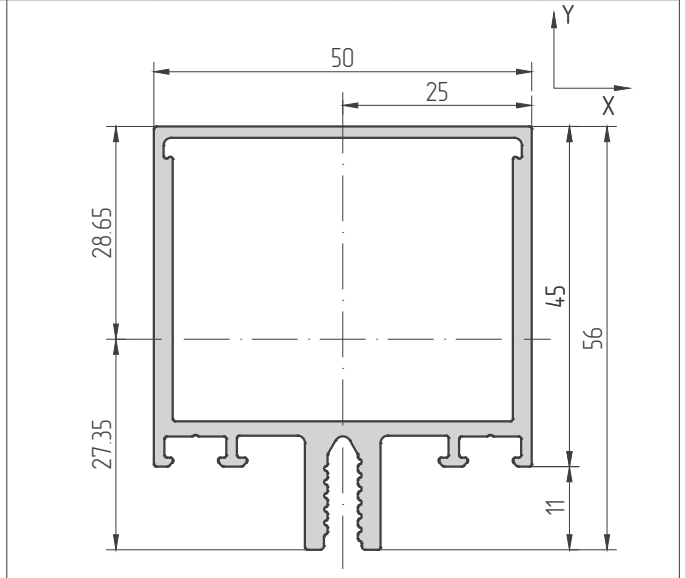


Scale 11	Solid transom profile 12 mm		
AYPC.F50.0201	Profile article	Central moments of inertia	
0.654 kg	Estimated weight 1 Lm.	$J_x=0.65 \text{ cm}^4$	$J_y=4.96 \text{ cm}^4$
2319 mm	External perimeter	Moments of resistance	
2.413 cm ²	Cross-sectional area	$W_x=0.49 \text{ cm}^3$	$W_y=1.98 \text{ cm}^3$
		Radius of inertia	
		$i_x=0.52 \text{ cm}$	$i_y=1.43 \text{ cm}$

Scale 11	Transom profile 18 mm		
AYPC.F50.0202	Profile article	Central moments of inertia	
0.918 kg	Estimated weight 1 Lm.	$J_x=2.11 \text{ cm}^4$	$J_y=7.79 \text{ cm}^4$
232.4 mm	External perimeter	Moments of resistance	
3.389 cm ²	Cross-sectional area	$W_x=1.22 \text{ cm}^3$	$W_y=3.12 \text{ cm}^3$
		Radius of inertia	
		$i_x=0.79 \text{ cm}$	$i_y=1.52 \text{ cm}$



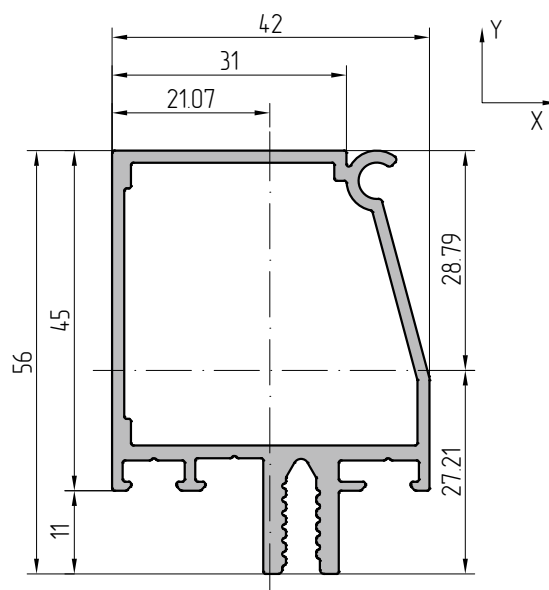
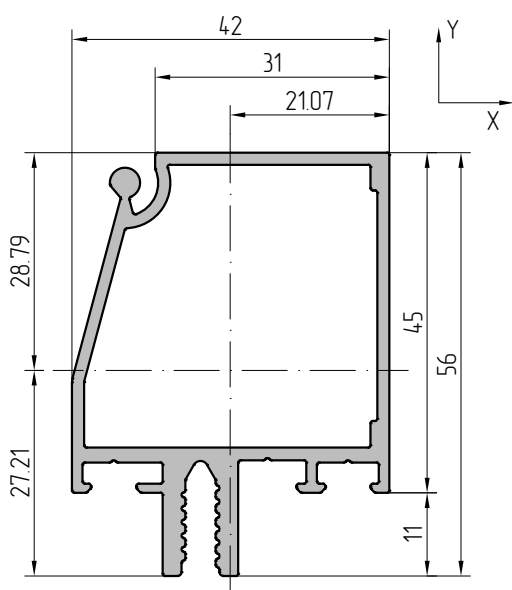
Scale 11	Transom profile 25 mm		
AYPC.F50.0203	Profile article	Central moments of inertia	
0.962 kg	Estimated weight 1 Lm.	$J_x=3.95 \text{ cm}^4$	$J_y=8.77 \text{ cm}^4$
246.4 mm	External perimeter	Moments of resistance	
3.550 cm ²	Cross-sectional area	$W_x=2.01 \text{ cm}^3$	$W_y=3.51 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.05 \text{ cm}$	$i_y=1.57 \text{ cm}$



Scale 11	Transom profile 45 mm		
AYPC.F50.0204	Profile article	Central moments of inertia	
1.282 kg	Estimated weight 1 Lm.	$J_x=14.38 \text{ cm}^4$	$J_y=15.14 \text{ cm}^4$
283.9 mm	External perimeter	Moments of resistance	
4.732 cm ²	Cross-sectional area	$W_x=5.54 \text{ cm}^3$	$W_y=6.06 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.74 \text{ cm}$	$i_y=1.79 \text{ cm}$

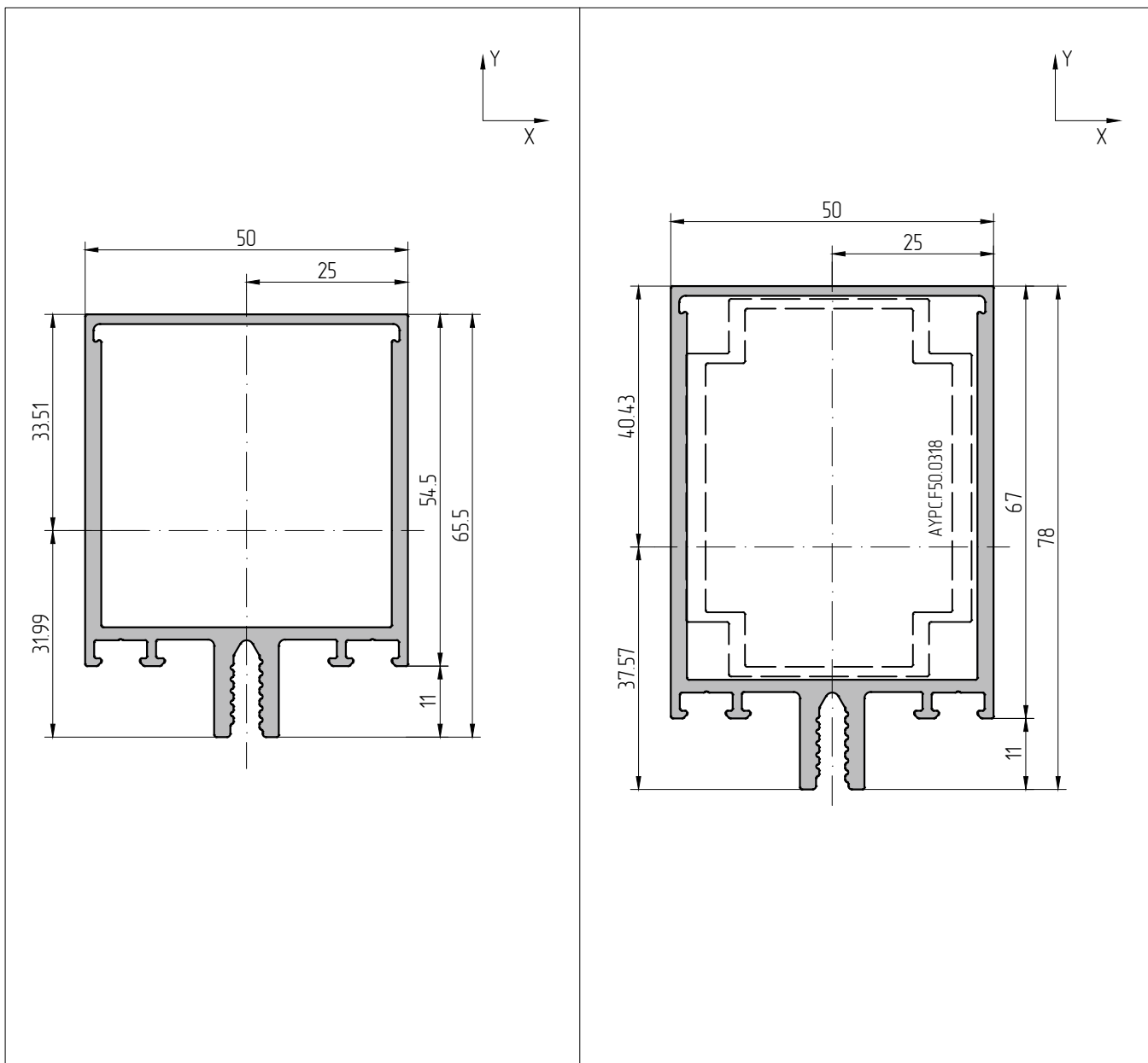
transom profile AYPC.F50.0203							
-		-	-	-	-	-	-
AYPC.F50.0921		AYPC.F50.9950	AYPC.F50.9951	-	-	-	-
without plug	-	AYPC.F50.9950	AYPC.F50.9951	AYPC.F50.9952	-	-	-

transom profile AYPC.F50.0204							
AYPC.F50.9921		AYPC.F50.9950	AYPC.F50.9951	-	-	-	-
AYPC.F50.9922		-	-	-	-	-	AYPC.F50.9941
AYPC.F50.0921		AYPC.F50.9950-01	AYPC.F50.9951-01	-	-	-	-
without plug	-	AYPC.F50.9950-01	AYPC.F50.9951-01	AYPC.F50.9952-01	-	-	AYPC.F50.9941



Scale 1:1	Transom profile 45 mm		
AYPC.F50.0212	Profile article	Central moments of inertia	
1.061 kg	Estimated weight 1 l.m.	Jx=12.57 cm ⁴	Jy=7.53 cm ⁴
2718 mm	External perimeter	Moments of resistance	
3.928 cm ²	Cross-sectional area	Wx=4.37 cm ³	Wy=3.57 cm ³
		Radius of inertia	
		ix=1.79 cm	iy=1.38 cm

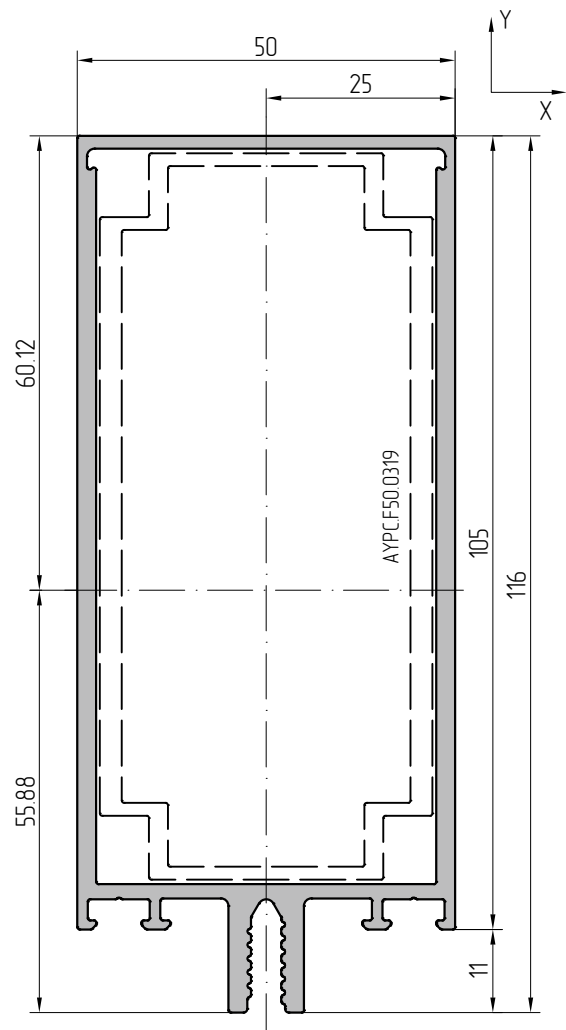
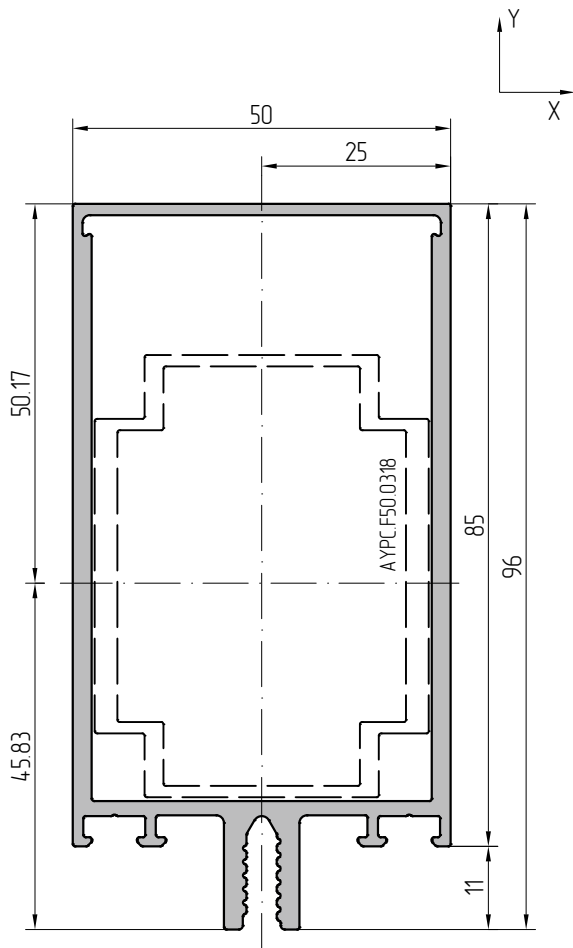
Scale 1:1	Transom profile 45 mm		
AYPC.F50.0213	Profile article	Central moments of inertia	
1.042 kg	Estimated weight 1 l.m.	Jx=12.45 cm ⁴	Jy=7.43 cm ⁴
2690 mm	External perimeter	Moments of resistance	
3.861 cm ²	Cross-sectional area	Wx=4.28 cm ³	Wy=3.52 cm ³
		Radius of inertia	
		ix=1.79 cm	iy=1.39 cm



Scale 1:1	Transom profile 54.5 mm			Scale 1:1	Transom profile 67 mm		
AYPC.F50.0214	Profile article	Central moments of inertia		AYPC.F50.0205	Profile article	Central moments of inertia	
14.11 kg	Estimated weight 1 Lm.	$J_x=22.45 \text{ cm}^4$	$J_y=17.83 \text{ cm}^4$	1580 kg	Estimated weight 1 Lm.	$J_x=36.63 \text{ cm}^4$	$J_y=21.35 \text{ cm}^4$
302.9 mm	External perimeter	Moments of resistance		327.9 mm	External perimeter	Moments of resistance	
5.207 cm ²	Cross-sectional area	$W_x=7.02 \text{ cm}^3$	$W_y=7.13 \text{ cm}^3$	5.832 cm ²	Cross-sectional area	$W_x=9.06 \text{ cm}^3$	$W_y=8.54 \text{ cm}^3$
		Radius of inertia				Radius of inertia	
		$i_x=2.08 \text{ cm}$	$i_y=1.85 \text{ cm}$			$i_x=2.51 \text{ cm}$	$i_y=1.91 \text{ cm}$

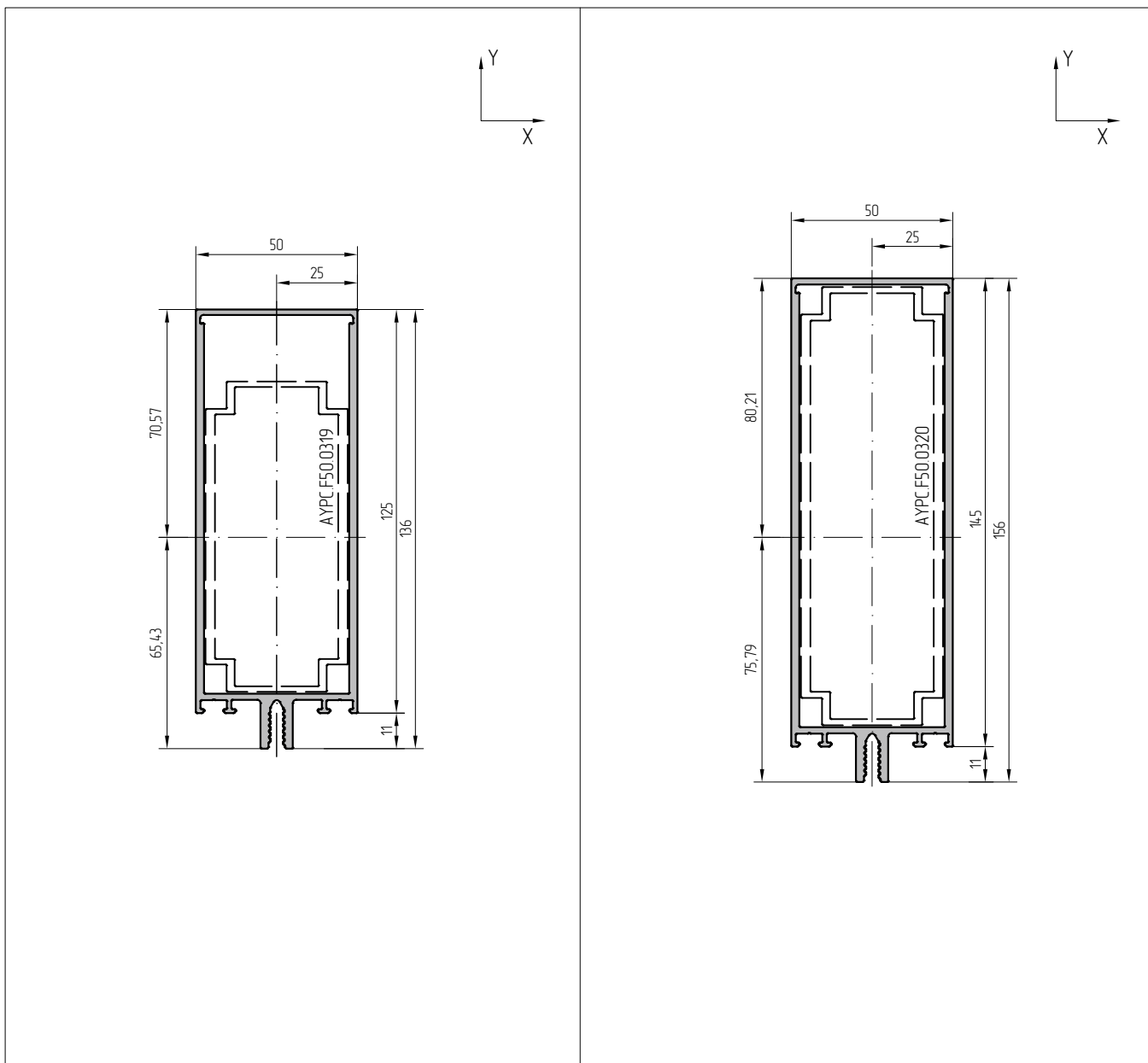
transom profile AYPC.F50.0214							
AYPC.F50.9921-08		AYPC.F50.9950-01	AYPC.F50.9951-01	-	-	-	-
AYPC.F50.9922-01		-	-	-	-	-	AYPC.F50.9941
AYPC.F50.0921		AYPC.F50.9950-02	AYPC.F50.9951-02	-	-	-	-
without plug	-	AYPC.F50.9950-02	AYPC.F50.9951-02	AYPC.F50.9952-02	-	-	AYPC.F50.9941

transom profile AYPC.F50.0205							
AYPC.F50.9921-01		AYPC.F50.9950-02	AYPC.F50.9951-02	-	-	-	-
AYPC.F50.9922-02		-	-	-	-	-	AYPC.F50.9941
AYPC.F50.0921		AYPC.F50.9950-03	AYPC.F50.9951-03	-	AYPC.F50.9953	-	-
without plug	-	AYPC.F50.9950-03	AYPC.F50.9951-03	AYPC.F50.9952-03	AYPC.F50.9953	-	AYPC.F50.9941



Scale 11		Transom profile 85 mm		Scale 11		Transom profile 105 mm	
AYPC.F50.0206	Profile article	Central moments of inertia		AYPC.F50.0207	Profile article	Central moments of inertia	
1.824 kg	Estimated weight 1 l.m.	Jx=65.12 cm ⁴	Jy=26.44 cm ⁴	2.120 kg	Estimated weight 1 l.m.	Jx=112.68 cm ⁴	Jy=32.23 cm ⁴
363.9 mm	External perimeter	Moments of resistance		403.9 mm	External perimeter	Moments of resistance	
6.732 cm ²	Cross-sectional area	Wx=12.98 cm ³	Wy=10.58 cm ³	7.822 mm ²	Cross-sectional area	Wx=18.74 cm ³	Wy=12.89 cm ³
		Radius of inertia				Radius of inertia	
		ix=3.11 cm	iy=1.98 cm			ix=3.80 cm	iy=2.03 cm

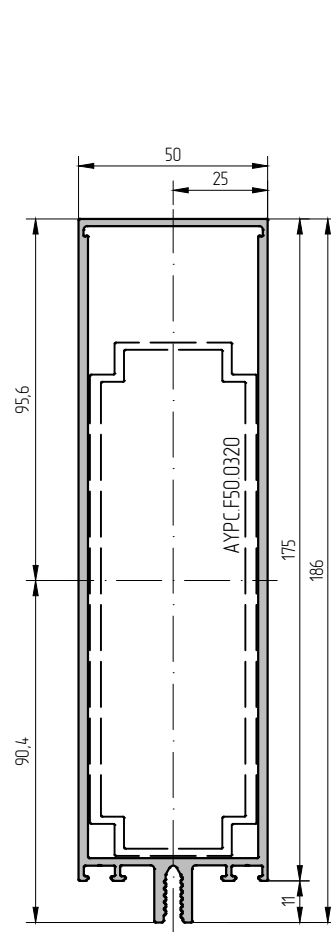
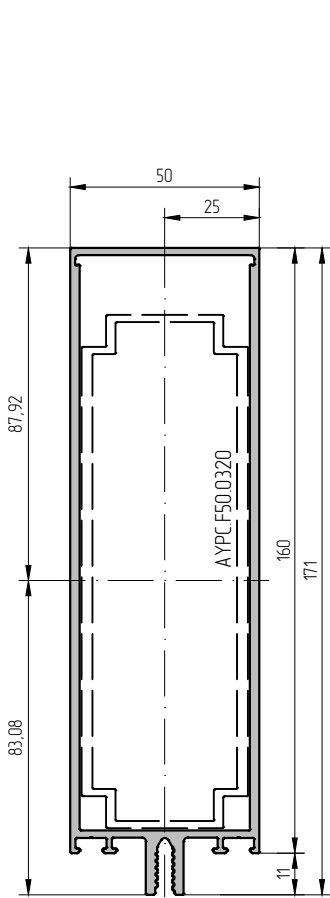
transom profile AYPC.F50.0206							
AYPC.F50.9921-02		AYPC.F50.9950-03	AYPC.F50.9951-03	—	AYPC.F50.9953	—	—
AYPC.F50.9922-03		—	—	—	—	—	AYPC.F50.9941
AYPC.F50.0921		AYPC.F50.9950-04	AYPC.F50.9951-04	—	AYPC.F50.9953	AYPC.F50.9954	—
without plug	—	AYPC.F50.9950-04	AYPC.F50.9951-04	AYPC.F50.9952-04	AYPC.F50.9953	AYPC.F50.9954	AYPC.F50.9941
transom profile AYPC.F50.0207							
AYPC.F50.9921-03		AYPC.F50.9950-04	AYPC.F50.9951-04	—	AYPC.F50.9953	AYPC.F50.9954	—
AYPC.F50.9922-04		—	—	—	—	—	AYPC.F50.9941
AYPC.F50.0921-01		AYPC.F50.9950-05	AYPC.F50.9951-05	—	AYPC.F50.9953-01	AYPC.F50.9954-01	—
without plug	—	AYPC.F50.9950-05	AYPC.F50.9951-05	AYPC.F50.9952-05	AYPC.F50.9953-01	AYPC.F50.9954-01	AYPC.F50.9941



Scale 1:2	Transom profile 125 mm			Scale 1:2	Transom profile 145 mm		
AYPC.F50.0208	Profile article	Central moments of inertia		AYPC.F50.0209	Profile article	Central moments of inertia	
2.391 kg	Estimated weight 1 Lm.	$J_x=173.74 \text{ cm}^4$	$J_y=37.88 \text{ cm}^4$	2.686 kg	Estimated weight 1 Lm.	$J_x=258.02 \text{ cm}^4$	$J_y=43.68 \text{ cm}^4$
443.9 mm	External perimeter	Moments of resistance		483.9 mm	External perimeter	Moments of resistance	
8.822 cm ²	Cross-sectional area	$W_x=24.62 \text{ cm}^3$	$W_y=15.15 \text{ cm}^3$	9.912 cm ²	Cross-sectional area	$W_x=32.17 \text{ cm}^3$	$W_y=17.47 \text{ cm}^3$
		Radius of inertia				Radius of inertia	
		$i_x=4.44 \text{ cm}$	$i_y=2.07 \text{ cm}$			$i_x=5.10 \text{ cm}$	$i_y=2.10 \text{ cm}$

transom profile AYPC.F50.0208							
AYPC.F50.9921-04	AYPC.F50.9950-05	AYPC.F50.9951-05	—	AYPC.F50.9953-01	AYPC.F50.9954-01	—	
AYPC.F50.9922-04	—	—	—	—	—	AYPC.F50.9941	
AYPC.F50.0921-01	AYPC.F50.9950-06	AYPC.F50.9951-06	—	AYPC.F50.9953-01	AYPC.F50.9954-02	—	
without plug	—	AYPC.F50.9950-06	AYPC.F50.9951-06	AYPC.F50.9952-06	AYPC.F50.9953-01	AYPC.F50.9954-02	AYPC.F50.9941

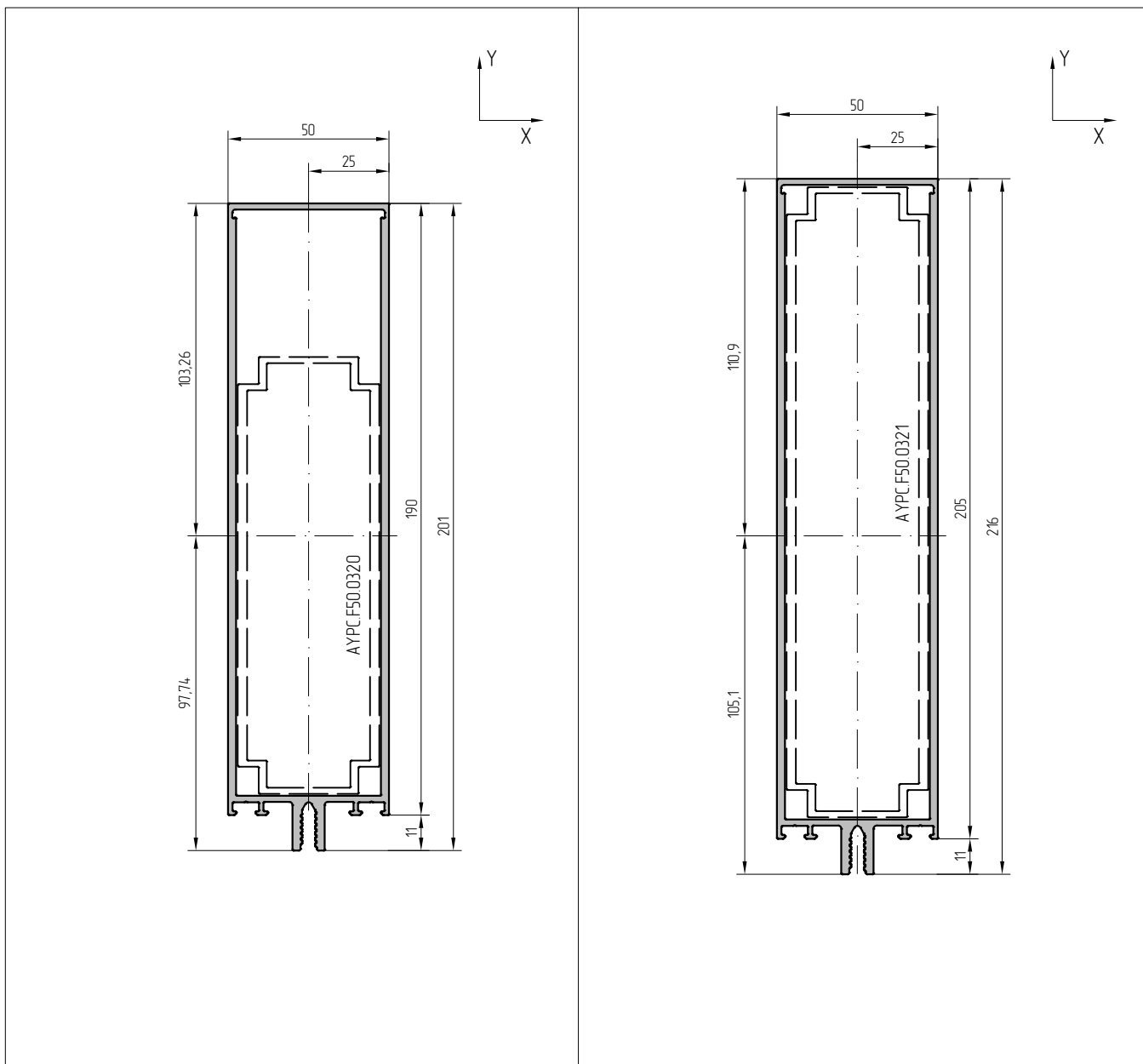
transom profile AYPC.F50.0209							
AYPC.F50.9921-05	AYPC.F50.9950-06	AYPC.F50.9951-06	—	AYPC.F50.9953-01	AYPC.F50.9954-02	—	
AYPC.F50.9922-04	—	—	—	—	—	AYPC.F50.9941	
AYPC.F50.0921-01	AYPC.F50.9950-07	AYPC.F50.9951-07	—	AYPC.F50.9953-02	AYPC.F50.9954-03	—	
without plug	—	AYPC.F50.9950-07	AYPC.F50.9951-07	AYPC.F50.9952-07	AYPC.F50.9953-02	AYPC.F50.9954-03	AYPC.F50.9941



Scale 1:2		Transom profile 160 mm				Scale 1:2		Transom profile 175 mm			
AYPC.F50.0218	Profile article	Central moments of inertia				AYPC.F50.0210	Profile article	Central moments of inertia			
2889 kg	Estimated weight 1 Lm.	Jx=330.94 cm ⁴	Jy=47.91 cm ⁴		3093 kg	Estimated weight 1 Lm.	Jx=415.85 cm ⁴	Jy=52.15 cm ⁴			
513.9 mm	External perimeter	Moments of resistance				543.9 mm	External perimeter	Moments of resistance			
10662 cm ²	Cross-sectional area	Wx=37.64 cm ³	Wy=19.16 cm ³		11412 cm ²	Cross-sectional area	Wx=43.50 cm ³	Wy=20.86 cm ³			
		Radius of inertia						Radius of inertia			
		ix=5.57 cm	iy=2.12 cm				ix=6.04 cm	iy=2.14 cm			

transom profile AYPC.F50.0218							
AYPC.F50.9921-06		AYPC.F50.9950-06	AYPC.F50.9951-06	—	AYPC.F50.9953-01	AYPC.F50.9954-02	—
AYPC.F50.9922-04		—	—	—	—	—	AYPC.F50.9941
AYPC.F50.0921-01		AYPC.F50.9950-10	AYPC.F50.9951-10	—	AYPC.F50.9953-02	AYPC.F50.9954-06	—
without plug	—	AYPC.F50.9950-10	AYPC.F50.9951-10	AYPC.F50.9952-10	AYPC.F50.9953-02	AYPC.F50.9954-06	AYPC.F50.9941

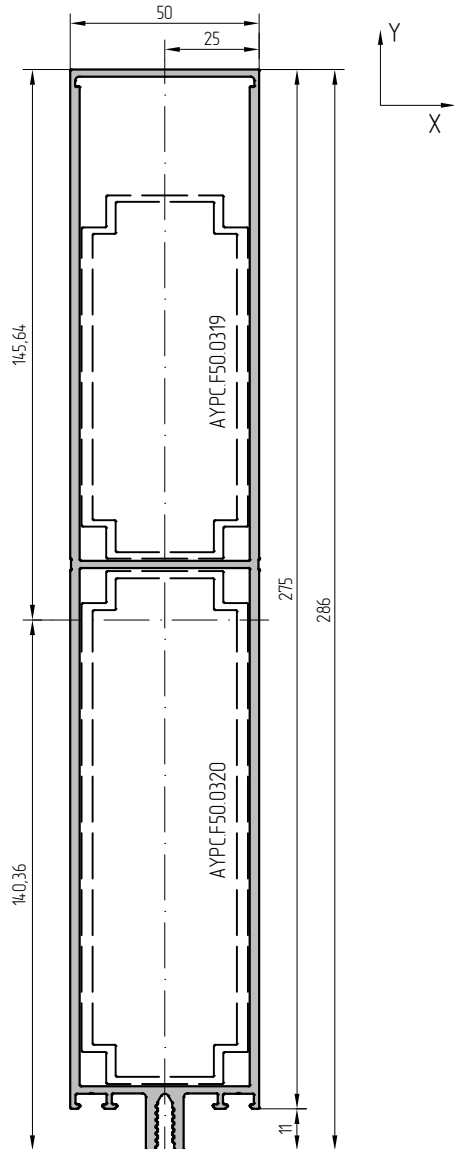
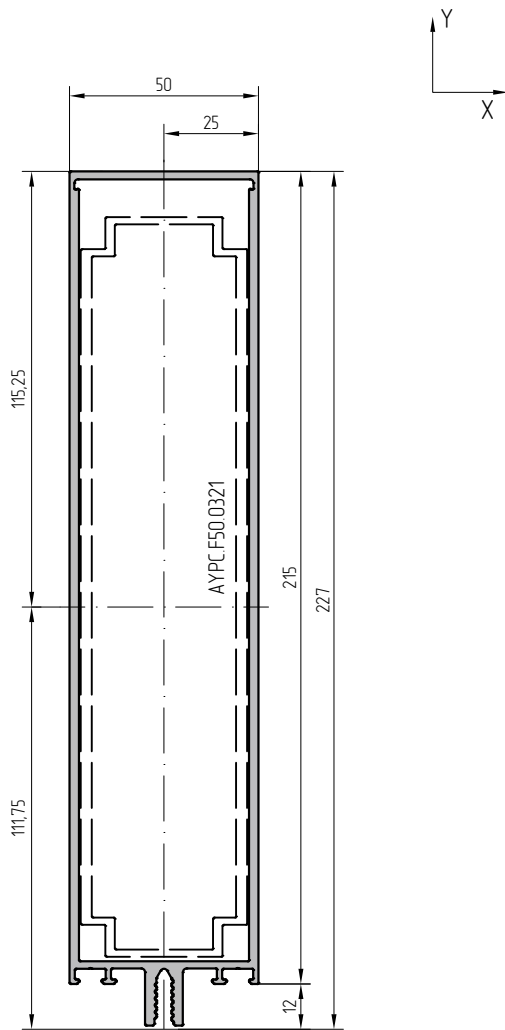
transom profile AYPC.F50.0210							
AYPC.F50.9921-06		AYPC.F50.9950-07	AYPC.F50.9951-07	—	AYPC.F50.9953-02	AYPC.F50.9954-03	—
AYPC.F50.9922-04		—	—	—	—	—	AYPC.F50.9941
AYPC.F50.0921-01		AYPC.F50.9950-08	AYPC.F50.9951-08	—	AYPC.F50.9953-02	AYPC.F50.9954-04	—
without plug	—	AYPC.F50.9950-08	AYPC.F50.9951-08	AYPC.F50.9952-08	AYPC.F50.9953-02	AYPC.F50.9954-04	AYPC.F50.9941



Scale 12		Transom profile 190 mm		Scale 12		Transom profile 205 mm	
AYPC.F50.0219	Profile article	Central moments of inertia		AYPC.F50.0211	Profile article	Central moments of inertia	
3296 kg	Estimated weight 1 Lm.	Jx=513.60 cm ⁴	Jy=56.38 cm ⁴	3500 kg	Estimated weight 1 Lm.	Jx=625.01 cm ⁴	Jy=60.61 cm ⁴
573.9 mm	External perimeter	Moments of resistance		603.9 mm	External perimeter	Moments of resistance	
12.162 cm ²	Cross-sectional area	Wx=49.74 cm ³	Wy=22.55 cm ³	12.912 cm ²	Cross-sectional area	Wx=56.36 cm ³	Wy=24.25 cm ³
		Radius of inertia				Radius of inertia	
		ix=6.50 cm	iy=2.15 cm			ix=6.96 cm	iy=2.17 cm

transom profile AYPC.F50.0219						
AYPC.F50.9921-07		AYPC.F50.9950-07	AYPC.F50.9951-07	—	AYPC.F50.9953-02	AYPC.F50.9954-03
AYPC.F50.9922-04		—	—	—	—	AYPC.F50.9941
AYPC.F50.0921-01		AYPC.F50.9950-11	AYPC.F50.9951-11	—	AYPC.F50.9953-02	AYPC.F50.9954-07
without plug	—	AYPC.F50.9950-11	AYPC.F50.9951-11	AYPC.F50.9952-11	AYPC.F50.9953-02	AYPC.F50.9954-07

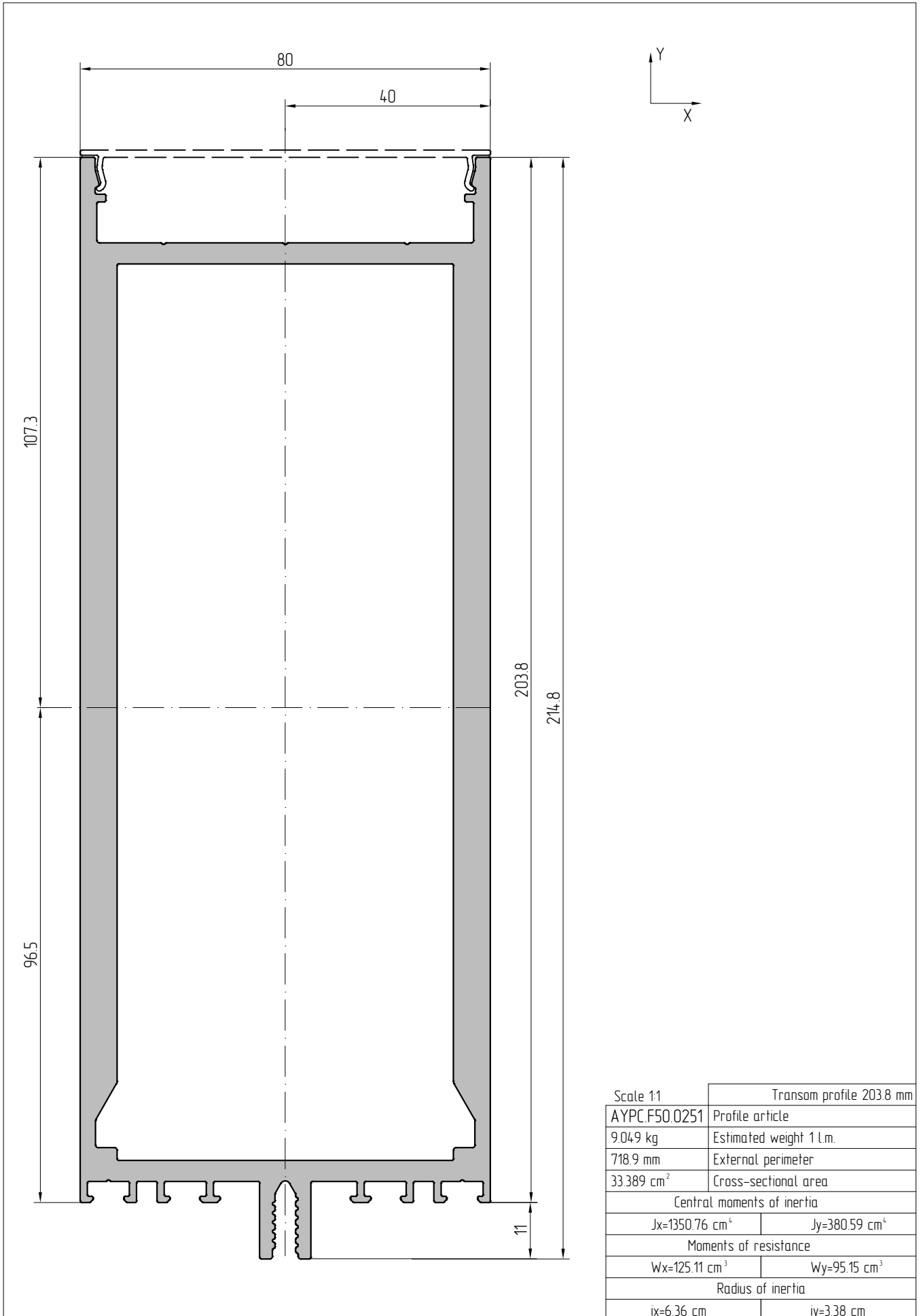
transom profile AYPC.F50.0211						
AYPC.F50.9921-07		AYPC.F50.9950-08	AYPC.F50.9951-08	—	AYPC.F50.9953-02	AYPC.F50.9954-04
AYPC.F50.9922-04		—	—	—	—	AYPC.F50.9941
AYPC.F50.0921-01		AYPC.F50.9950-09	AYPC.F50.9951-09	—	AYPC.F50.9953-03	AYPC.F50.9954-05
without plug	—	AYPC.F50.9950-09	AYPC.F50.9951-09	AYPC.F50.9952-09	AYPC.F50.9953-03	AYPC.F50.9954-05

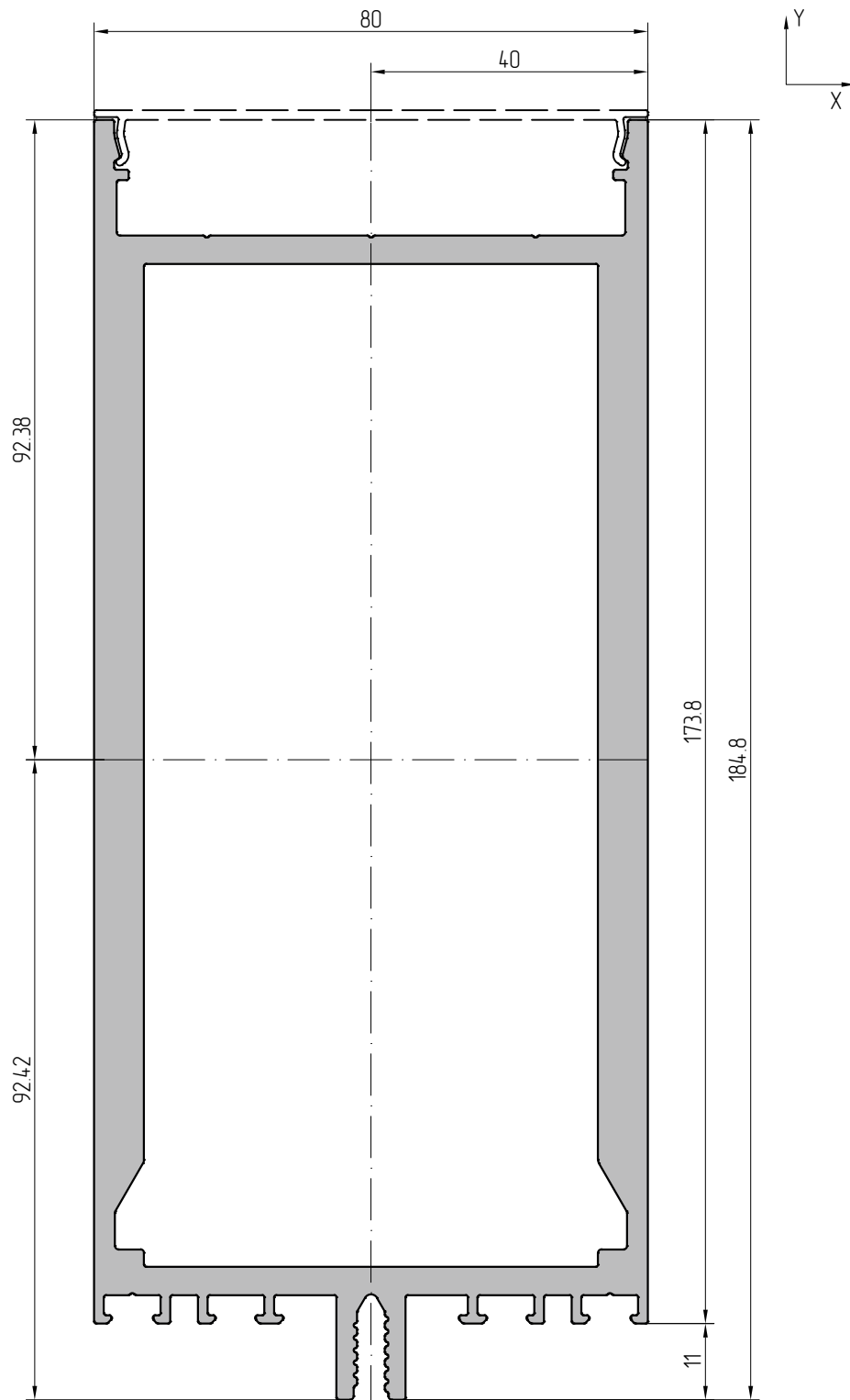


Scale 1:2		Transom profile 215 mm		Scale 1:2		Transom profile 275 mm	
AYPC.F50.0221	Profile article	Central moments of inertia		AYPC.F50.0220	Profile article	Central moments of inertia	
3646 kg	Estimated weight 1 Lm.	Jx=719.19 cm ⁴	Jy=63.59 cm ⁴	4.676 kg	Estimated weight 1 Lm.	Jx=1352.50 cm ⁴	Jy=81.75 cm ⁴
623.8 mm	External perimeter	Moments of resistance		744 mm	External perimeter	Moments of resistance	
13.504 cm ²	Cross-sectional area	Wx=62.4 cm ³	Wy=25.44 cm ³	17.256 cm ²	Cross-sectional area	Wx=92.87 cm ³	Wy=32.70 cm ³
		Radius of inertia				Radius of inertia	
		ix=7.30 cm	iy=2.17 cm			ix=8.85 cm	iy=2.18 cm

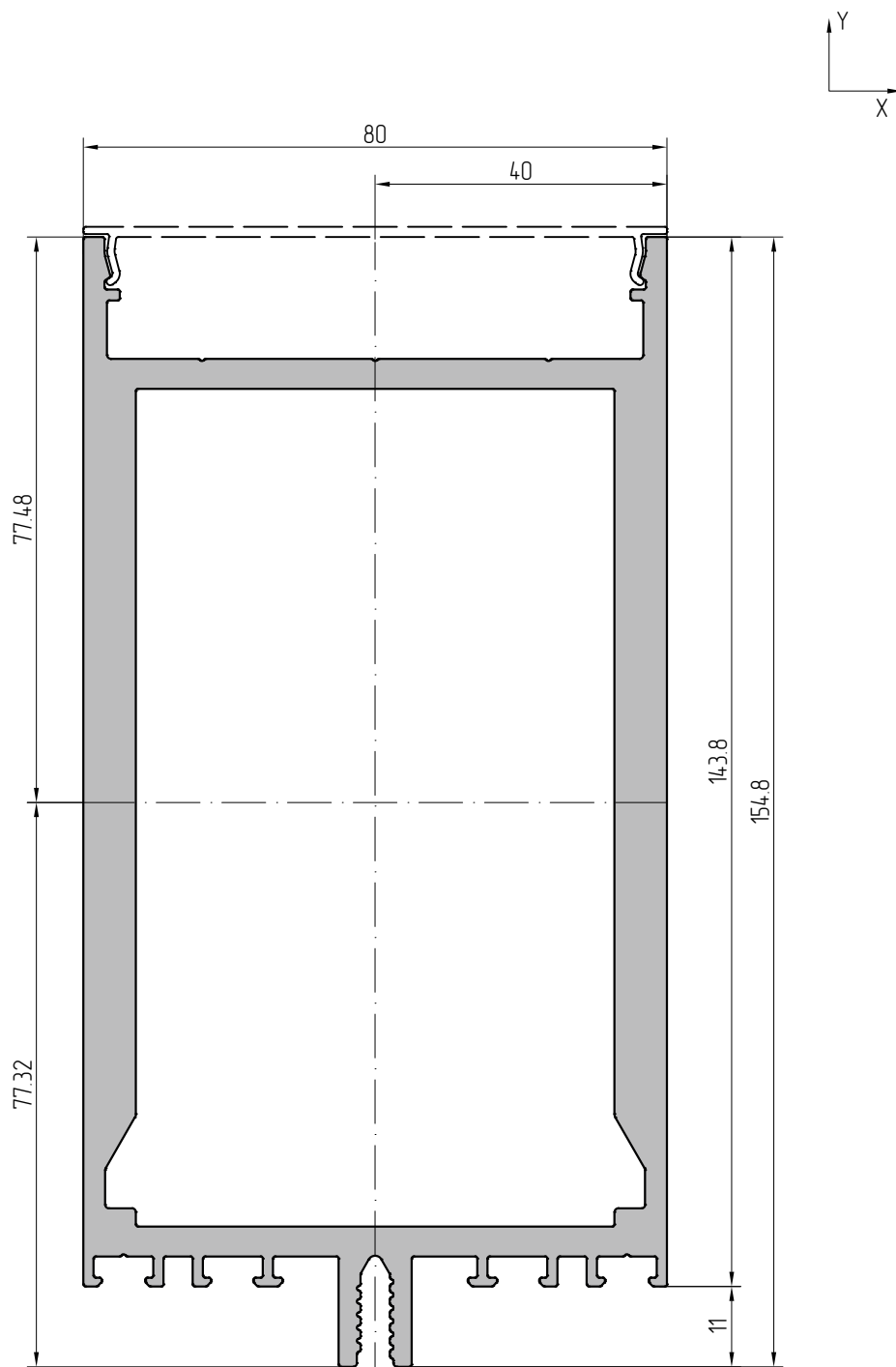
transom profile AYPC.F50.0221							
AYPC.F50.9921-09		AYPC.F50.9950-08	AYPC.F50.9951-08	—	AYPC.F50.9953-02	AYPC.F50.9954-04	—
AYPC.F50.9922-05		—	—	—	—	—	AYPC.F50.9941
AYPC.F50.0921-06		AYPC.F50.9950-09	AYPC.F50.9951-09	—	AYPC.F50.9953-03	AYPC.F50.9954-05	—
without plug	—	AYPC.F50.9950-09	AYPC.F50.9951-09	AYPC.F50.9952-09	AYPC.F50.9953-03	AYPC.F50.9954-05	AYPC.F50.9941

transom profile AYPC.F50.0220							
AYPC.F50.9921-09		AYPC.F50.9950-07 + AYPC.F50.9950-05	AYPC.F50.9951-07 + AYPC.F50.9951-05	—	AYPC.F50.9953-02 + AYPC.F50.9953-01	AYPC.F50.9954-03 + AYPC.F50.9954-01	—
AYPC.F50.9922-05		—	—	—	—	—	AYPC.F50.9941
AYPC.F50.0921-06		AYPC.F50.9950-07 + AYPC.F50.9950-06	AYPC.F50.9951-07 + AYPC.F50.9951-06	—	AYPC.F50.9953-02 + AYPC.F50.9953-01	AYPC.F50.9954-03 + AYPC.F50.9954-02	—
without plug	—	AYPC.F50.9950-07 + AYPC.F50.9950-06	AYPC.F50.9951-07 + AYPC.F50.9951-06	AYPC.F50.9952-07 + AYPC.F50.9952-06	AYPC.F50.9953-02 + AYPC.F50.9953-01	AYPC.F50.9954-03 + AYPC.F50.9954-02	AYPC.F50.9941

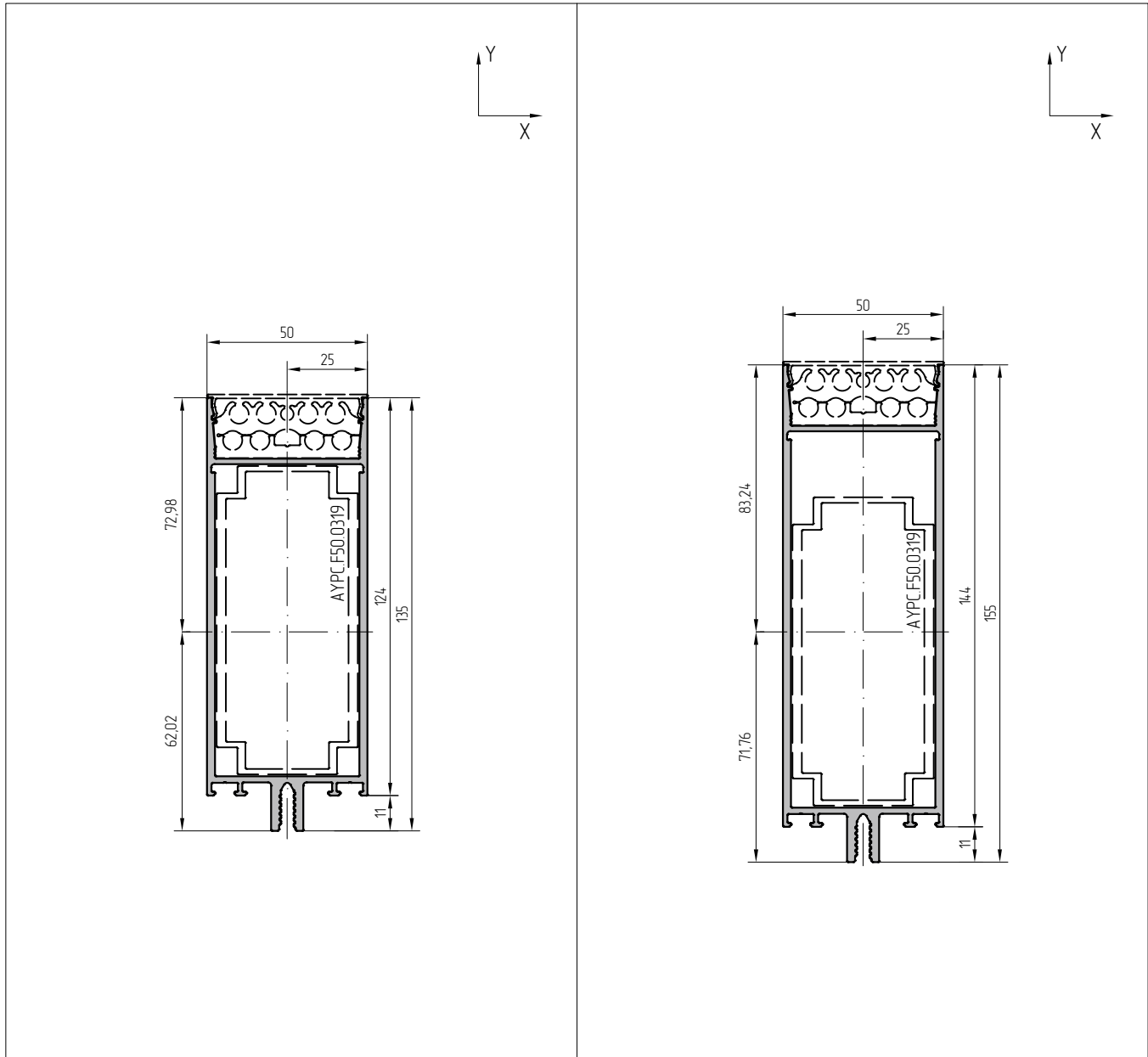




Scale 1:1		Transom profile 173.8 mm	
AYPC.F50.0254	Profile article	Central moments of inertia	
7.894 kg	Estimated weight 1 L.m.	$J_x=874.32 \text{ cm}^4$	$J_y=324.04 \text{ cm}^4$
6818 mm	External perimeter	Moments of resistance	
29.24 cm^2	Cross-sectional area	$W_x=94.6 \text{ cm}^3$	$W_y=81.0 \text{ cm}^3$
		Radius of inertia	
		$i_x=5.47 \text{ cm}$	$i_y=3.33 \text{ cm}$

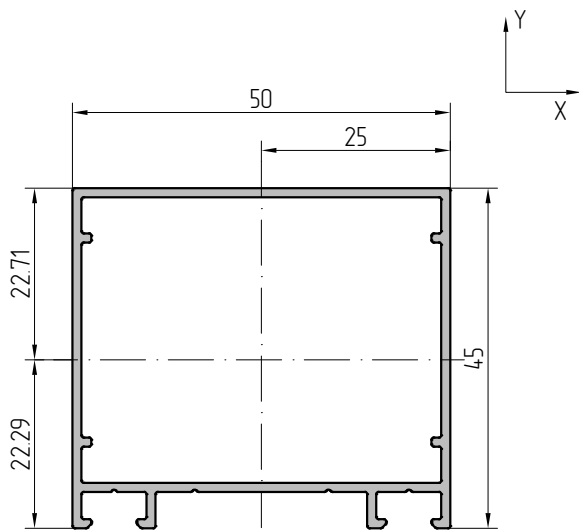


Scale 1:1	Transom profile 143.8 mm		
AYPC.F50.0253	Profile article	Central moments of inertia	
6.727 kg	Estimated weight 1 Lm.	$J_x=514.43 \text{ cm}^4$	$J_y=266.62 \text{ cm}^4$
6218 mm	External perimeter	Moments of resistance	
24.92 cm ²	Cross-sectional area	$W_x=66.4 \text{ cm}^3$	$W_y=66.7 \text{ cm}^3$
		Radius of inertia	
		$i_x=4.54 \text{ cm}$	$i_y=3.27 \text{ cm}$

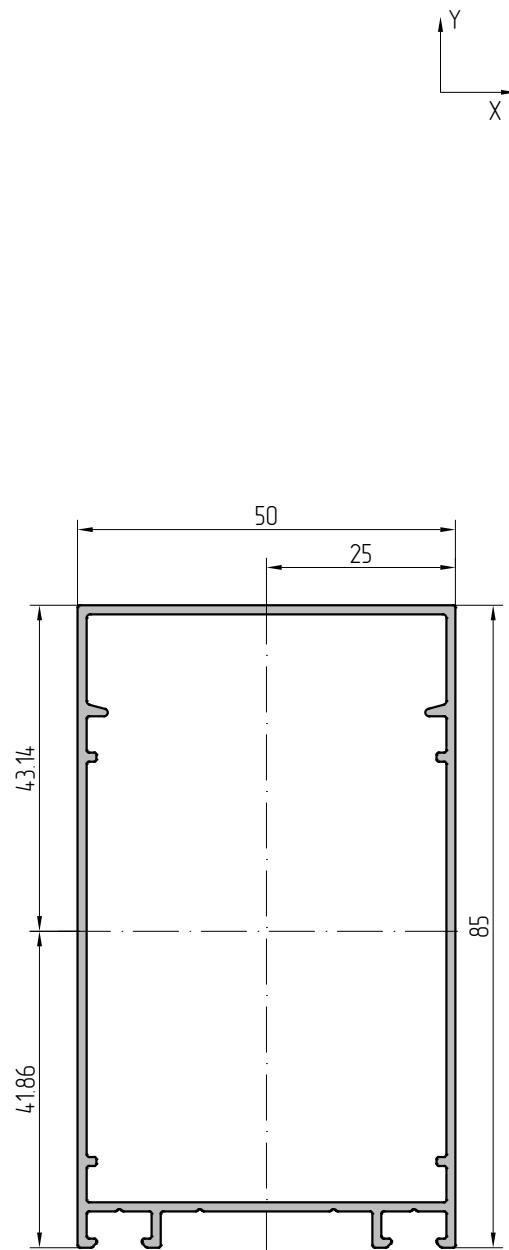


Scale 1:2	Transom profile 124 mm. "Transom with cable channel"			Scale 1:2	Transom profile 144 mm. "Transom with cable channel"		
AYPC.F50.0248	Profile article	Central moments of inertia		AYPC.F50.0249	Profile article	Central moments of inertia	
2.328 kg	Estimated weight 1 Lm.	Jx=145.83 cm ⁴	Jy=36.64 cm ⁴	2.599 kg	Estimated weight 1 Lm.	Jx=218.12 cm ⁴	Jy=4.228 cm ⁴
4.818 mm	External perimeter	Moments of resistance		521.8 mm	External perimeter	Moments of resistance	
8.589 cm ²	Cross-sectional area	Wx=19.98 cm ³	Wy=6.46 cm ³	9.589 cm ²	Cross-sectional area	Wx=26.20 cm ³	Wy=16.91 cm ³
		Radius of inertia				Radius of inertia	
		ix=4.12 cm	iy=2.07 cm			ix=4.77 cm	iy=2.10 cm

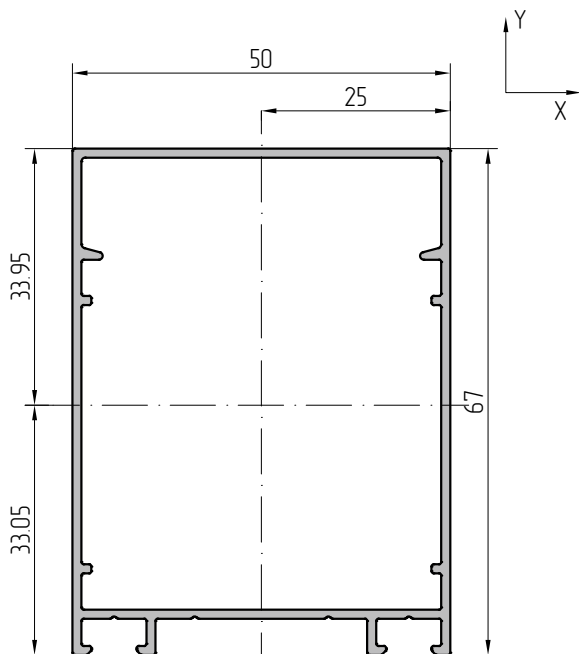
transom profile AYPC.F50.0248							
AYPC.F50.9921-04		AYPC.F50.9950-05	AYPC.F50.9951-05	—	AYPC.F50.9953-01	AYPC.F50.9954-01	—
AYPC.F50.9922-04		—	—	—	—	—	—
AYPC.F50.0921-01		—	—	—	—	—	—
without plug	—	AYPC.F50.9950-05	AYPC.F50.9951-05	AYPC.F50.9952-05	AYPC.F50.9953-01	AYPC.F50.9954-01	AYPC.F50.9941
transom profile AYPC.F50.0249							
AYPC.F50.9921-05		AYPC.F50.9950-06	AYPC.F50.9951-06	—	AYPC.F50.9953-01	AYPC.F50.9954-02	—
AYPC.F50.9922-04		—	—	—	—	—	—
AYPC.F50.0921-01		—	—	—	—	—	—
without plug	—	AYPC.F50.9950-06	AYPC.F50.9951-06	AYPC.F50.9952-06	AYPC.F50.9953-01	AYPC.F50.9954-02	AYPC.F50.9941



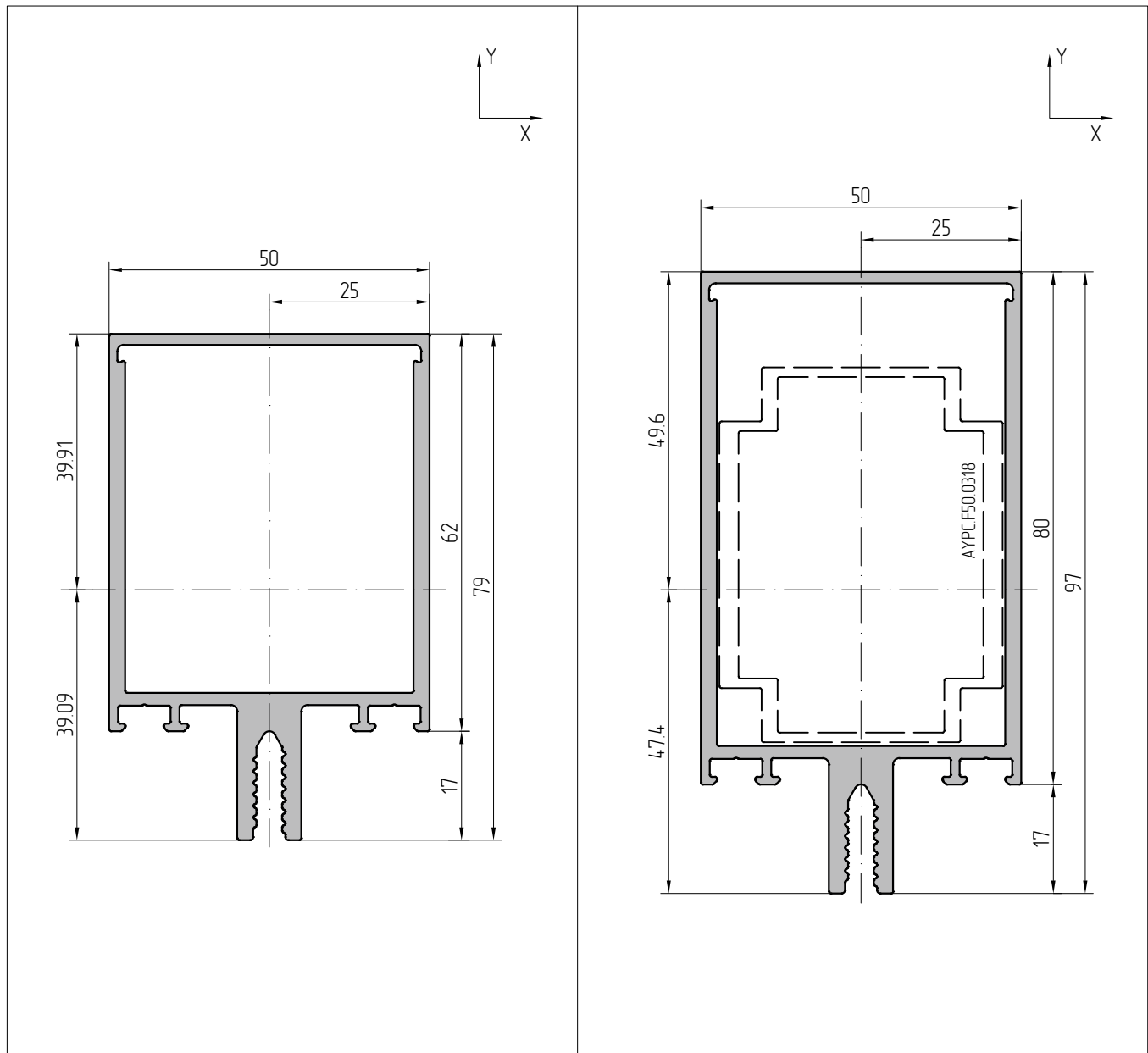
Scale 1:1	Transom profile 45 mm. "False transom"			
AYPC.F50.0215	Profile article	Central moments of inertia		
0.664 kg	Estimated weight 1 Lm.	$J_x=7.06 \text{ cm}^4$	$J_y=9.37 \text{ cm}^4$	
225.9 mm	External perimeter	Moments of resistance		
2.449 cm ²	Cross-sectional area	$W_x=3.11 \text{ cm}^3$	$W_y=3.75 \text{ cm}^3$	
		Radius of inertia		
		$i_x=1.70 \text{ cm}$	$i_y=1.96 \text{ cm}$	



Scale 1:1	Transom profile 85 mm. "False transom"			
AYPC.F50.0217	Profile article	Central moments of inertia		
0.943 kg	Estimated weight 1 Lm.	$J_x=33.92 \text{ cm}^4$	$J_y=15.45 \text{ cm}^4$	
305.9 mm	External perimeter	Moments of resistance		
3.480 cm ²	Cross-sectional area	$W_x=7.87 \text{ cm}^3$	$W_y=6.18 \text{ cm}^3$	
		Radius of inertia		
		$i_x=3.12 \text{ cm}$	$i_y=2.11 \text{ cm}$	

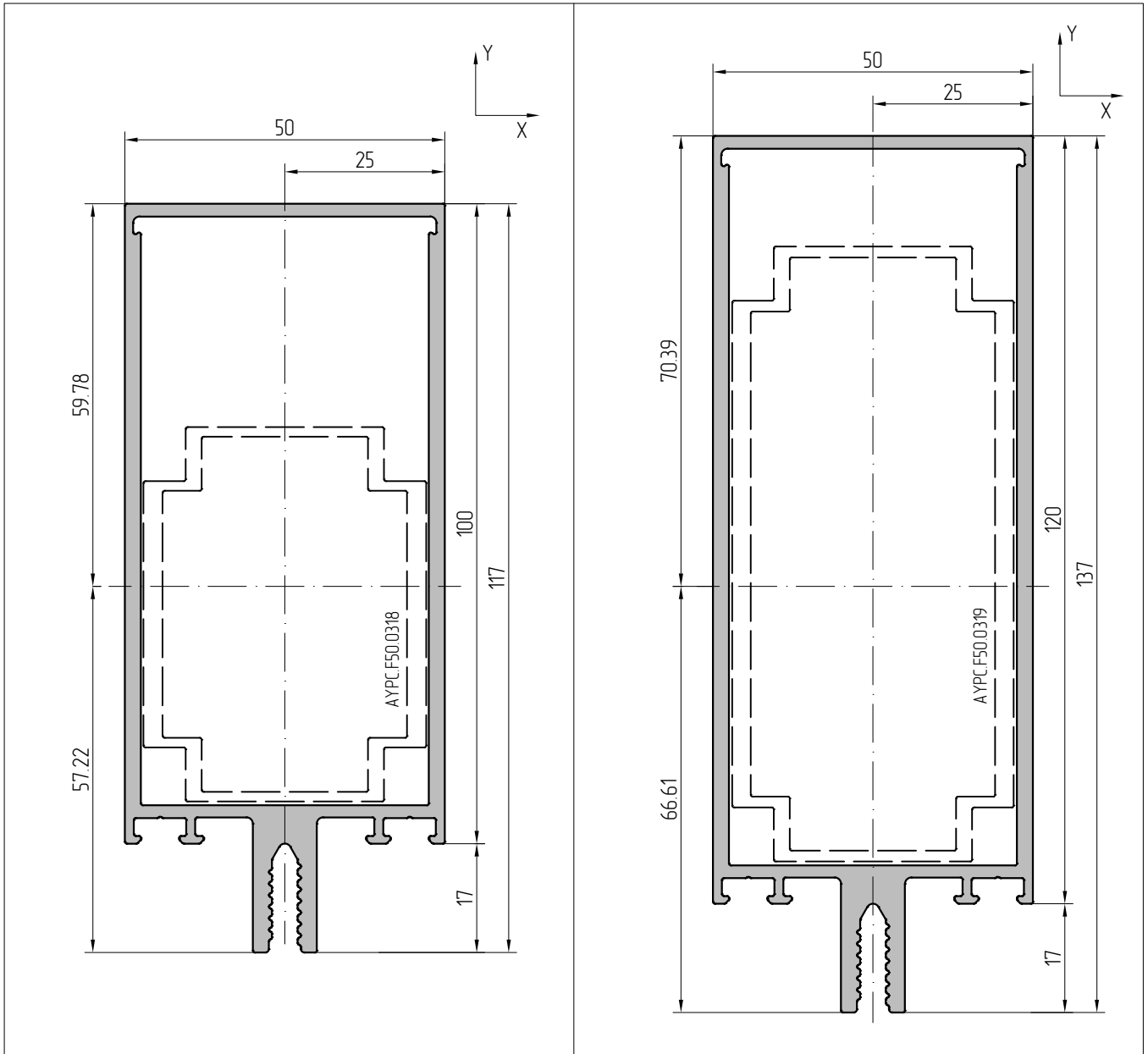


Scale 1:1	Transom profile 67 mm. "False transom"			
AYPC.F50.0216	Profile article	Central moments of inertia		
0.826 kg	Estimated weight 1 Lm.	$J_x=18.84 \text{ cm}^4$	$J_y=12.88 \text{ cm}^4$	
269.9 mm	External perimeter	Moments of resistance		
3.048 cm ²	Cross-sectional area	$W_x=5.55 \text{ cm}^3$	$W_y=5.15 \text{ cm}^3$	
		Radius of inertia		
		$i_x=2.49 \text{ cm}$	$i_y=2.06 \text{ cm}$	



Scale 1:1	Transom profile 62 mm. "2nd-level transom"			Scale 1:1	Transom profile 80 mm. "2nd-level transom"		
AYPC.F50.0232	Profile article	Central moments of inertia		AYPC.F50.0233	Profile article	Central moments of inertia	
1677 kg	Estimated weight 1 Lm.	Jx=37.23 cm ⁴	Jy=20.14 cm ⁴	1933 kg	Estimated weight 1 Lm.	Jx=67.77 cm ⁴	Jy=25.30 cm ⁴
335.0 mm	External perimeter	Moments of resistance		371.0 mm	External perimeter	Moments of resistance	
6.187 cm ²	Cross-sectional area	Wx=9.32 cm ³	Wy=8.06 cm ³	7.132 cm ²	Cross-sectional area	Wx=13.66 cm ³	Wy=10.12 cm ³
		Radius of inertia				Radius of inertia	
		ix=2.45 cm	iy=1.80 cm			ix=3.08 cm	iy=1.88 cm

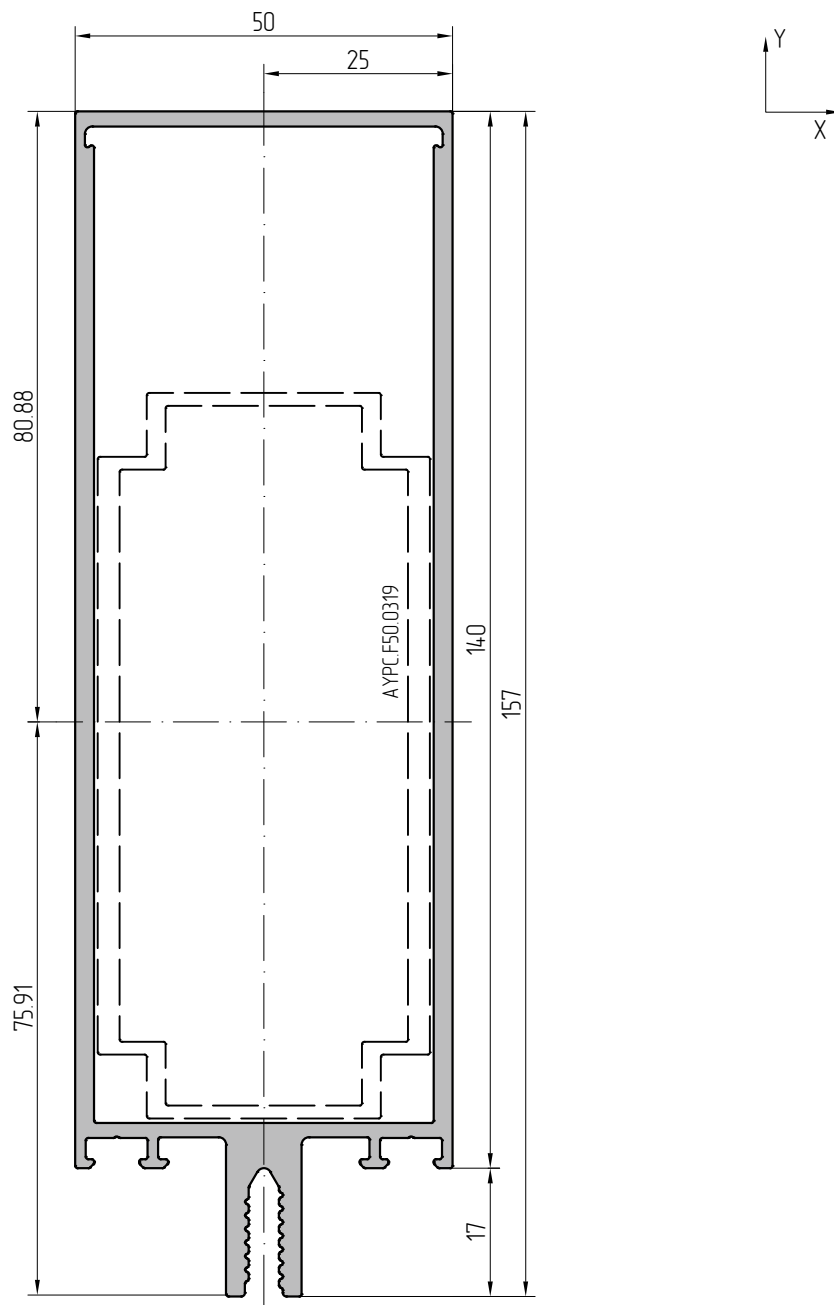
transom profile AYPC.F50.0232							
AYPC.F50.9921-01							
AYPC.F50.9922-02		-	-	-	-	-	AYPC.F50.9941
AYPC.F50.0921							
without plug	-						AYPC.F50.9941
transom profile AYPC.F50.0233							
AYPC.F50.9921-02					AYPC.F50.9953	-	-
AYPC.F50.9922-03		-	-	-	-	-	AYPC.F50.9941
AYPC.F50.0921					AYPC.F50.9953		
without plug	-				AYPC.F50.9953		AYPC.F50.9941



Scale 1:1 Transom profile 100 mm. "2nd-level transom"			Scale 1:1 Transom profile 120 mm. "2nd-level transom"		
AYPC.F50.0234	Profile article	Central moments of inertia	AYPC.F50.0235	Profile article	Central moments of inertia
2.228 kg	Estimated weight 1 Lm.	Jx=117.53 cm ⁴ Jy=31.10 cm ⁴	2.499 kg	Estimated weight 1 Lm.	Jx=181.62 cm ⁴ Jy=36.74 cm ⁴
4.110 mm	External perimeter	Moments of resistance	4.510 mm	External perimeter	Moments of resistance
8.222 cm ²	Cross-sectional area	Wx=19.66 cm ³ Wy=12.44 cm ³	9.222 cm ²	Cross-sectional area	Wx=25.80 cm ³ Wy=14.70 cm ³
		Radius of inertia			Radius of inertia
		ix= 3.78 cm iy=1.95 cm			ix=4.44 cm iy=2.00 cm

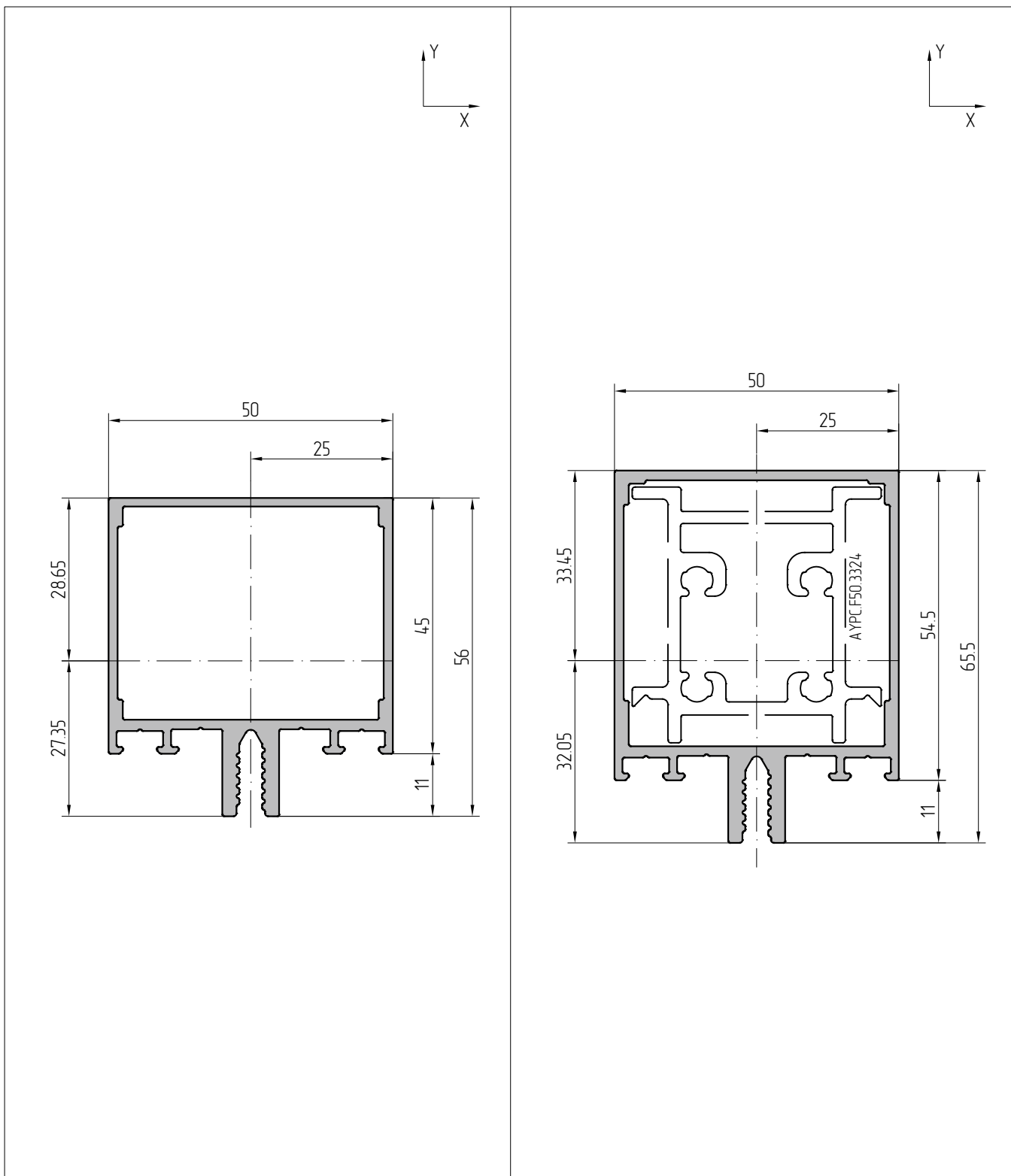
transom profile AYPC.F50.0234						
AYPC.F50.9921-03				AYPC.F50.9953		AYPC.F50.9941
AYPC.F50.9922-04		-	-	-	-	AYPC.F50.9941
AYPC.F50.0921-01		-	-	AYPC.F50.9953		AYPC.F50.9941
without plug	-	-	-	AYPC.F50.9953		AYPC.F50.9941

transom profile AYPC.F50.0235						
AYPC.F50.9921-04				AYPC.F50.9953-01		AYPC.F50.9941
AYPC.F50.9922-04		-	-	-	-	AYPC.F50.9941
AYPC.F50.0921-01		-	-	AYPC.F50.9953-01		AYPC.F50.9941
without plug	-	-	-	AYPC.F50.9953-01		AYPC.F50.9941

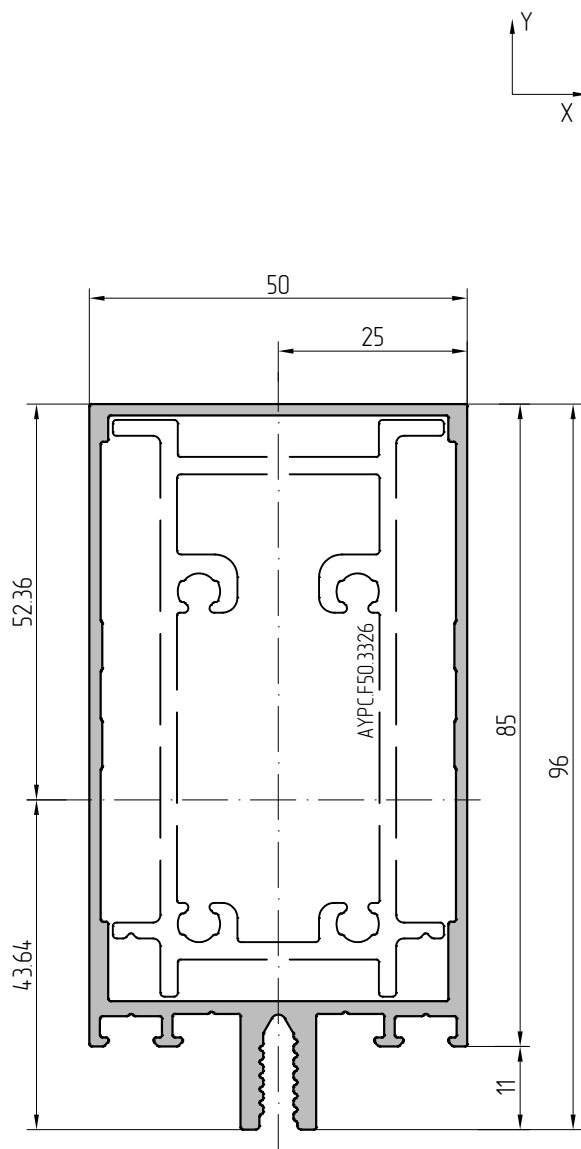
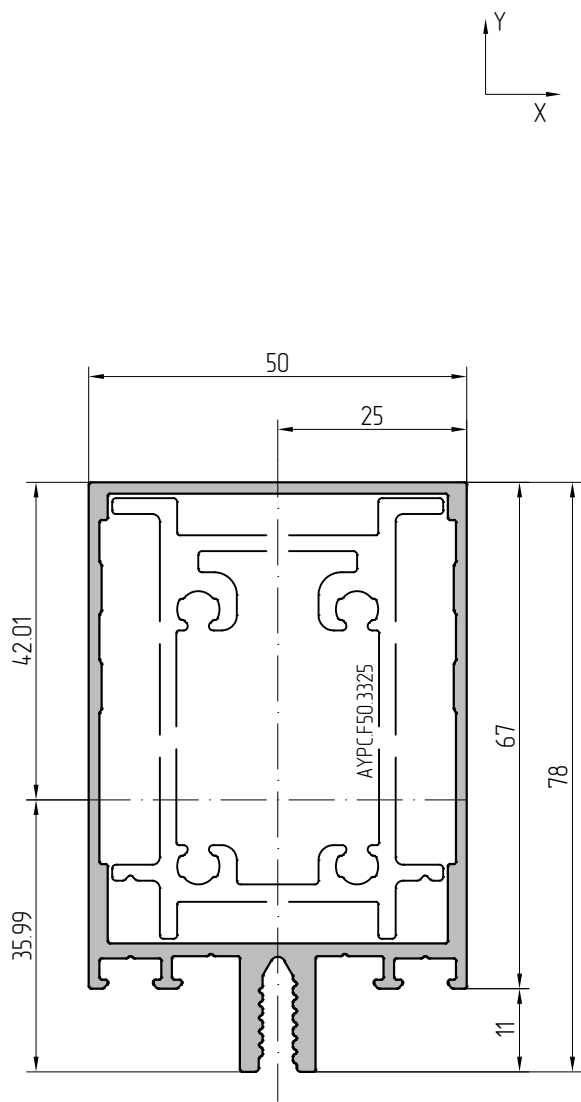


Scale 1:1		Transom profile 140 mm. "2nd-level transom"	
AYPC.F50.0236	Profile article	Central moments of inertia	
2.770 kg	Estimated weight 1 Lm.	Jx=264.10 cm ⁴	Jy=42.39 cm ⁴
4910 mm	External perimeter	Moments of resistance	
10.222 cm ²	Cross-sectional area	Wx=32.65 cm ³	Wy=16.96 cm ³
		Radius of inertia	
		ix=5.08 cm	iy=2.04 cm

transom profile AYPC.F50.0236						
AYPC.F50.9921-05				AYPC.F50.9953-01		
AYPC.F50.9922-04						AYPC.F50.9941
AYPC.F50.0921-01				AYPC.F50.9953-01		
without plug				AYPC.F50.9953-01		AYPC.F50.9941



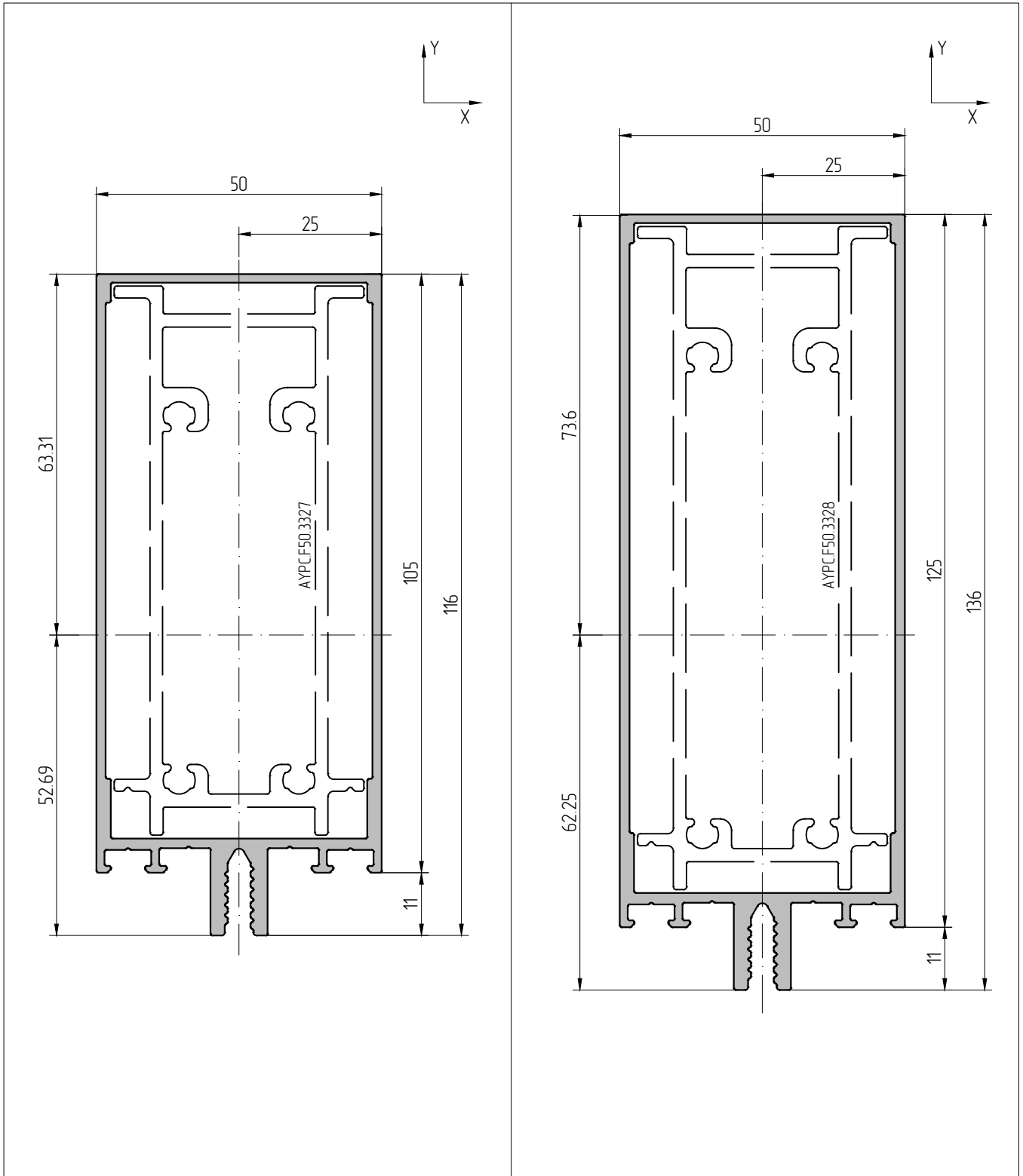
Scale 1:1		Transom profile 45 mm				Scale 1:1		Transom profile 54.5 mm			
AYPC.F50.3203	Profile article	Central moments of inertia		AYPC.F50.3204	Profile article	Central moments of inertia					
1.131 kg	Estimated weight 1 Lm.	Jx=13.89 cm ⁴	Jy=12.52 cm ⁴	1.274 kg	Estimated weight 1 Lm.	Jx=22.84 cm ⁴	Jy=15.13 cm ⁴				
286.4 mm	External perimeter	Moments of resistance		305.4 mm	External perimeter	Moments of resistance					
4.190 cm ²	Cross-sectional area	Wx=4.85 cm ³	Wy=5.01 cm ³	4.717 cm ²	Cross-sectional area	Wx=6.83 cm ³	Wy=6.05 cm ³				
		Radius of inertia				Radius of inertia					
		ix=182 cm	iy=1.73 cm			ix=2.20 cm	iy=1.79 cm				
Transom profile AYPC.F50.3203					Transom profile AYPC.F50.3204						
AYPC.F50.0921		AYPC.F50.9950-01	AYPC.F50.9951-01	—	AYPC.F50.0921	AYPC.F50.9950-02	AYPC.F50.9951-02	—			
without plug	—	AYPC.F50.9950-01	AYPC.F50.9951-01	AYPC.F50.9952-01	without plug	AYPC.F50.9950-02	AYPC.F50.9951-02	AYPC.F50.9952-02			



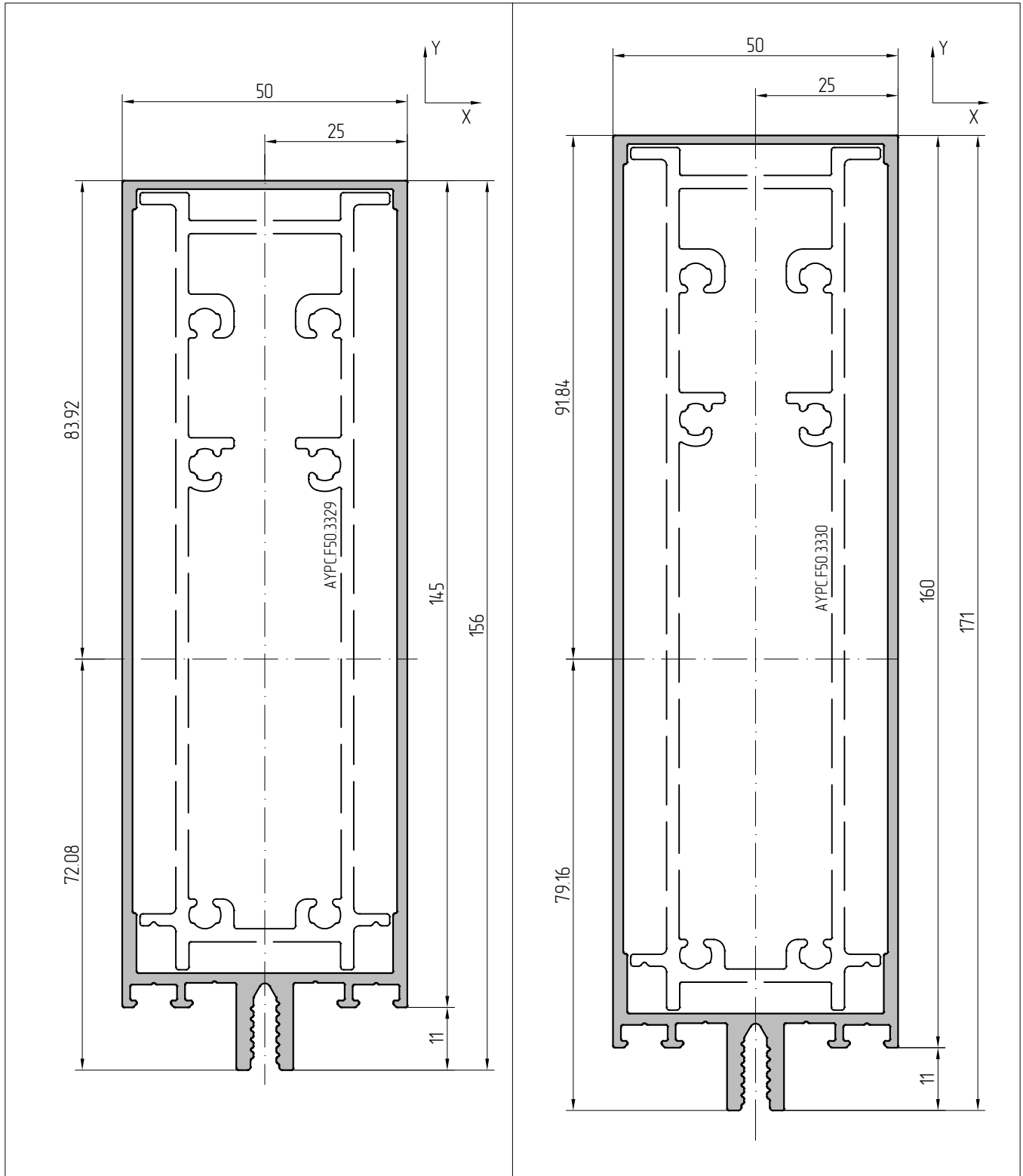
Scale 1:1	Transom profile 67 mm			
AYPC.F50.3205	Profile article	Central moments of inertia		
1.328 kg	Estimated weight 1 Lm.	$J_x=34.09 \text{ cm}^4$	$J_y=16.73 \text{ cm}^4$	
330.4 mm	External perimeter	Moments of resistance		
4.917 cm ²	Cross-sectional area	$W_x=8.11 \text{ cm}^3$	$W_y=6.69 \text{ cm}^3$	
		Radius of inertia		
		$i_x=2.63 \text{ cm}$	$i_y=1.84 \text{ cm}$	

Scale 1:1	Transom profile 85 mm			
AYPC.F50.3206	Profile article	Central moments of inertia		
1.491 kg	Estimated weight 1 Lm.	$J_x=59.23 \text{ cm}^4$	$J_y=20.27 \text{ cm}^4$	
366.4 mm	External perimeter	Moments of resistance		
5.521 cm ²	Cross-sectional area	$W_x=11.31 \text{ cm}^3$	$W_y=8.11 \text{ cm}^3$	
		Radius of inertia		
		$i_x=3.28 \text{ cm}$	$i_y=1.92 \text{ cm}$	

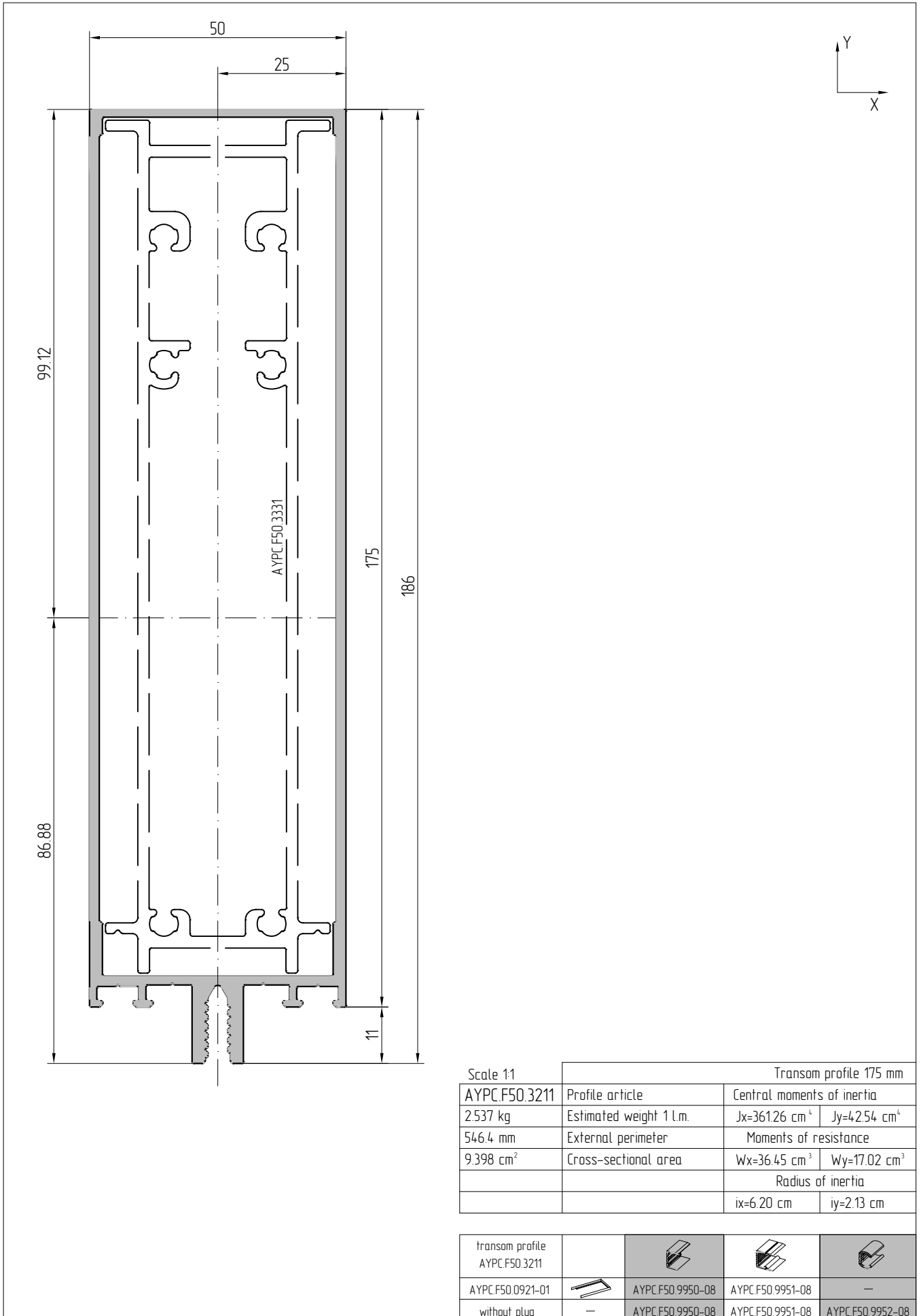
transom profile AYPC.F50.3205				transom profile AYPC.F50.3206			
AYPC.F50.0921		AYPC.F50.9951-03	—	AYPC.F50.0921		AYPC.F50.9951-04	—
without plug	—	AYPC.F50.9951-03	AYPC.F50.9952-03	without plug	—	AYPC.F50.9951-04	AYPC.F50.9952-04



Scale 1:1					Scale 1:1				
Transom profile 105 mm					Transom profile 125 mm				
AYPC.F50.3207	Profile article	Central moments of inertia			AYPC.F50.3208	Profile article	Central moments of inertia		
1.684 kg	Estimated weight 1 L.m.	Jx=98.62 cm ⁴	Jy=24.44 cm ⁴	1.913 kg	Estimated weight 1 L.m.	Jx=152.2 cm ⁴	Jy=29.31 cm ⁴		
406.4 mm	External perimeter	Moments of resistance			446.4 mm	External perimeter	Moments of resistance		
6.237 cm ²	Cross-sectional area	Wx=15.58 cm ³	Wy=9.78 cm ³	7.084 cm ²	Cross-sectional area	Wx=20.64 cm ³	Wy=11.72 cm ³		
		Radius of inertia					Radius of inertia		
		ix=3.98 cm	iy=1.98 cm			ix=4.64 cm	iy=2.03 cm		
transom profile AYPC.F50.3207					transom profile AYPC.F50.3208				
AYPC.F50.0921-01		AYPC.F50.9950-05	AYPC.F50.9951-05	—	AYPC.F50.0921-01		AYPC.F50.9950-06	AYPC.F50.9951-06	
without plug	—	AYPC.F50.9950-05	AYPC.F50.9951-05	AYPC.F50.9952-05	without plug	—	AYPC.F50.9950-06	AYPC.F50.9951-06	

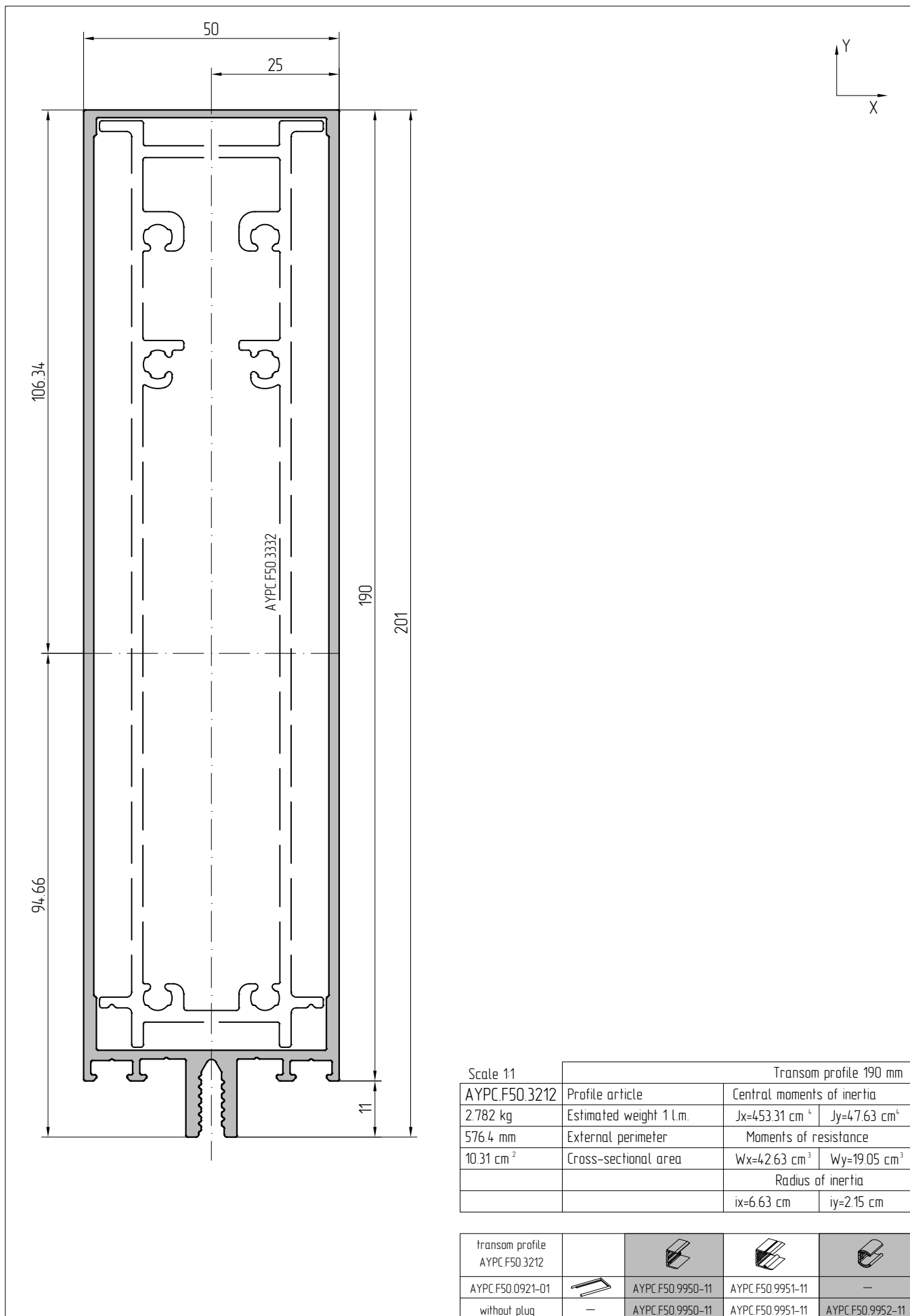


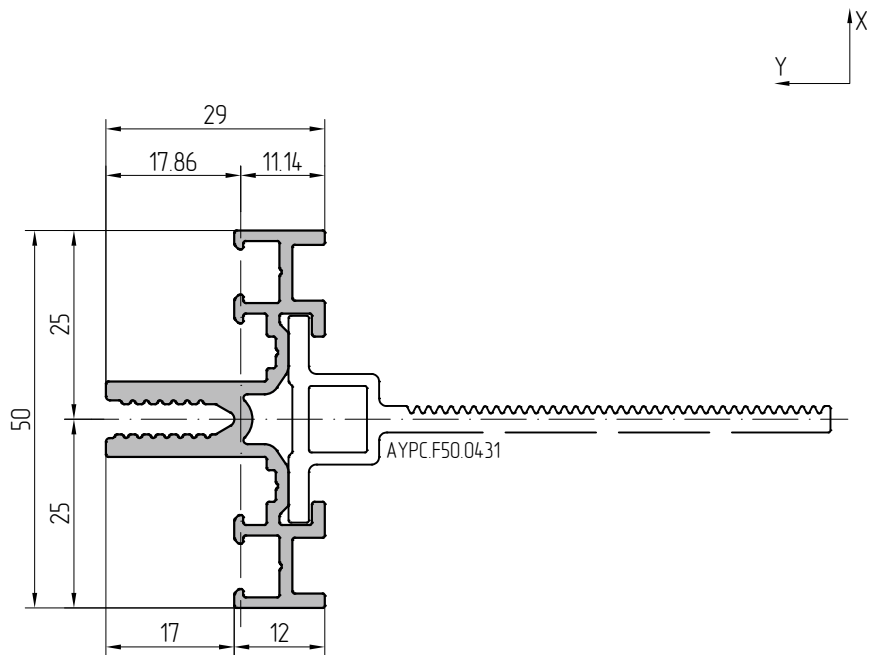
Scale 11					Scale 11				
Transom profile 145 mm					Transom profile 160 mm				
AYPC.F50.3209	Profile article	Central moments of inertia			AYPC.F50.3210	Profile article	Central moments of inertia		
2.163 kg	Estimated weight 1 Lm.	Jx=222.33 cm ⁴	Jy=34.62 cm ⁴		2.309 kg	Estimated weight 1 Lm.	Jx=283.50 cm ⁴	Jy=37.75 cm ⁴	
486.4 mm	External perimeter	Moments of resistance			516.4 mm	External perimeter	Moments of resistance		
8.011 cm ²	Cross-sectional area	Wx=26.49 cm ³	Wy=13.85 cm ³		8.551 cm ²	Cross-sectional area	Wx=30.87 cm ³	Wy=15.10 cm ³	
		Radius of inertia					Radius of inertia		
		ix=5.27 cm	iy=2.08 cm				ix=5.76 cm	iy=2.10 cm	
transom profile AYPC.F50.3209					transom profile AYPC.F50.3210				
AYPC.F50.0921-01		AYPC.F50.9950-07	AYPC.F50.9951-07	—	AYPC.F50.0921-01		AYPC.F50.9950-10	AYPC.F50.9951-10	—
without plug	—	AYPC.F50.9950-07	AYPC.F50.9951-07	AYPC.F50.9952-07	without plug	—	AYPC.F50.9950-10	AYPC.F50.9951-10	AYPC.F50.9952-10



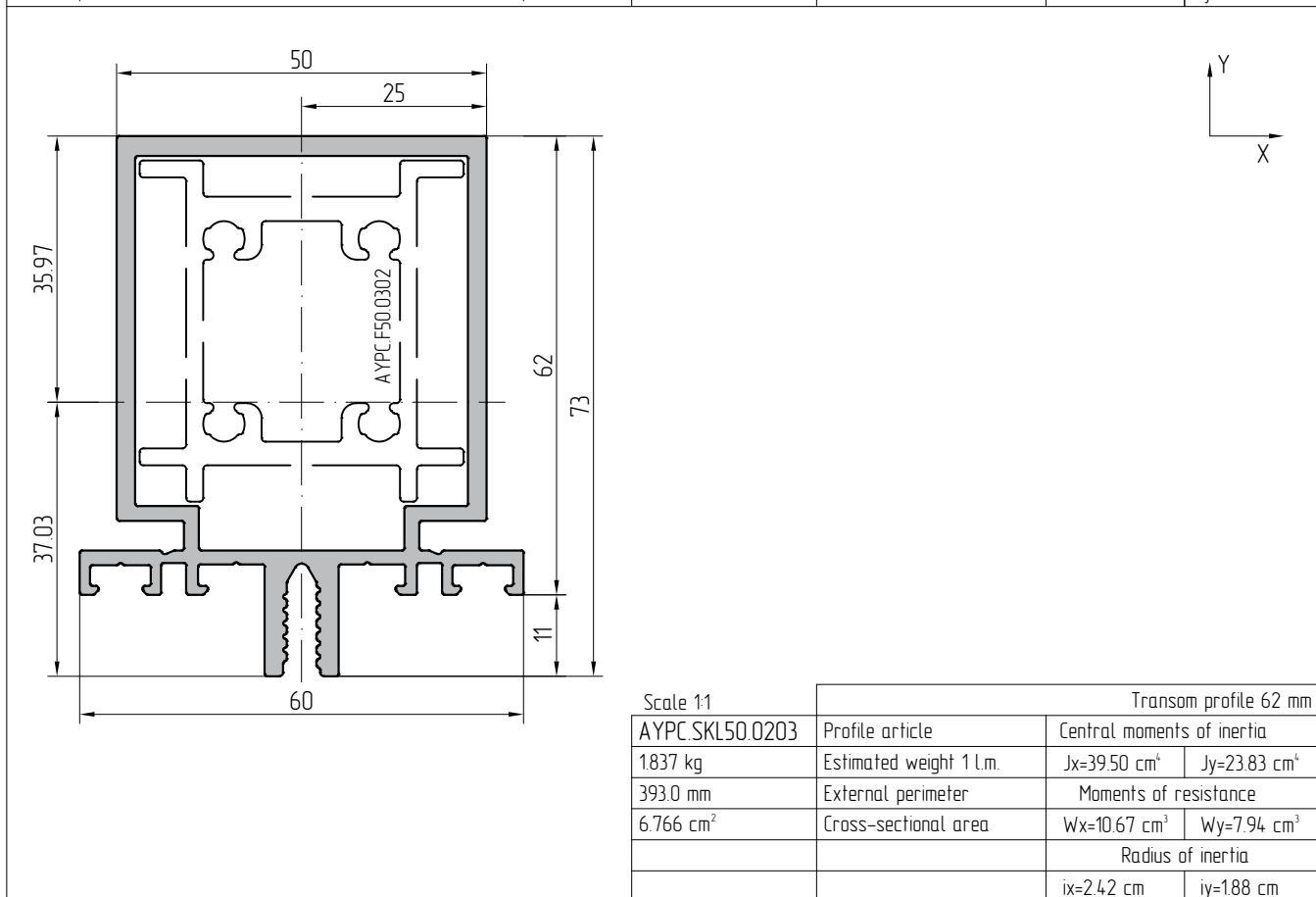
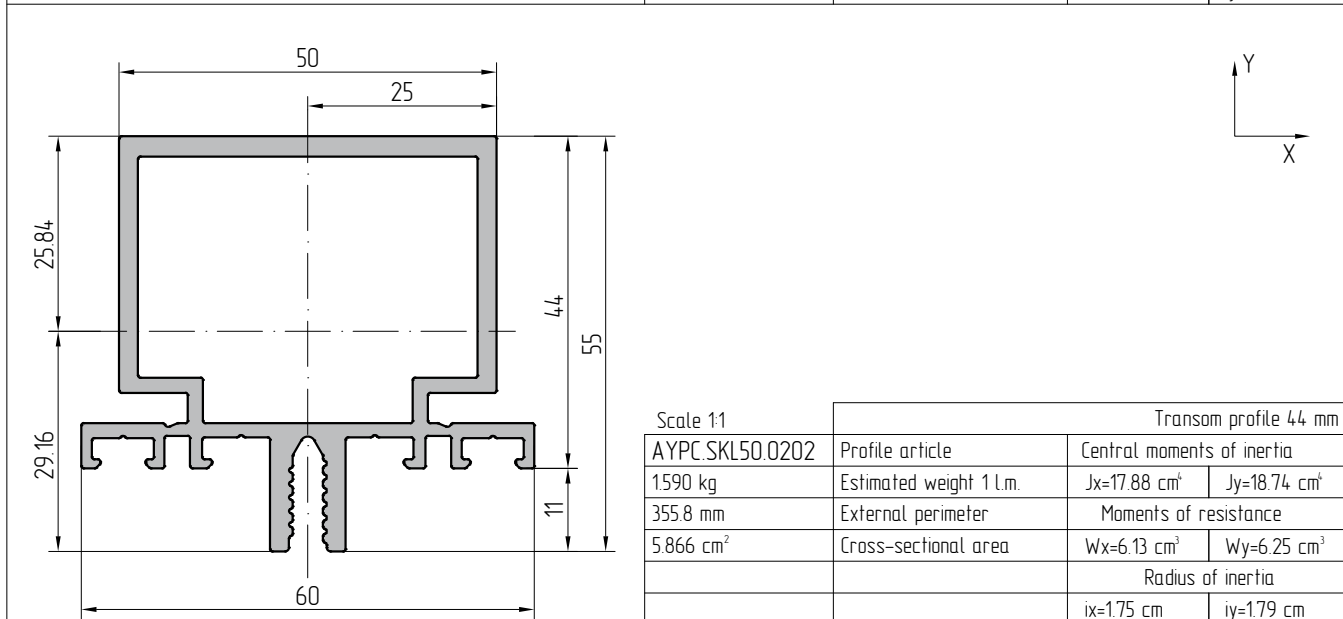
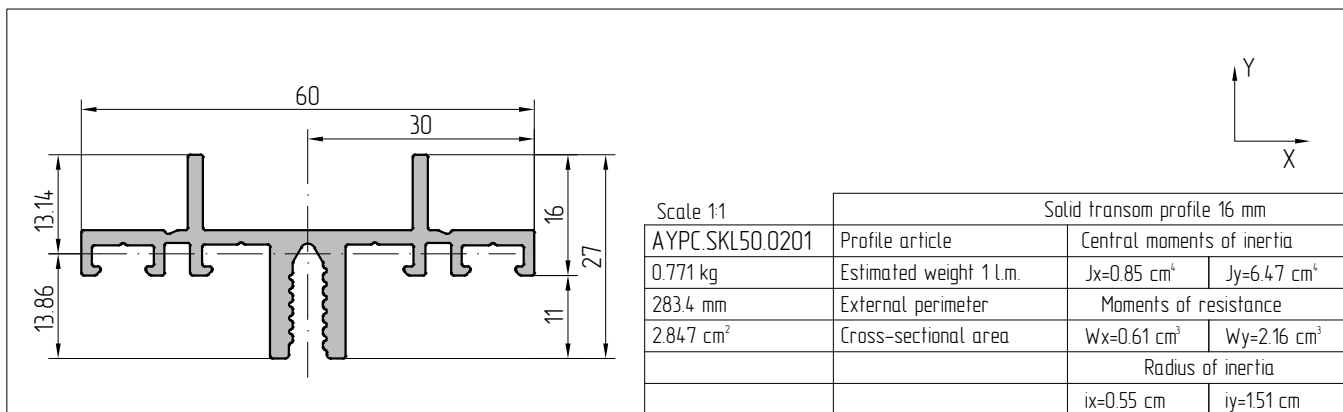
Scale 1:1		Transom profile 175 mm	
AYPC.F50.3211	Profile article	Central moments of inertia	
2.537 kg	Estimated weight 1 L.m.	$J_x=361.26 \text{ cm}^4$	$J_y=42.54 \text{ cm}^4$
546.4 mm	External perimeter	Moments of resistance	
9.398 cm ²	Cross-sectional area	$W_x=36.45 \text{ cm}^3$	$W_y=17.02 \text{ cm}^3$
		Radius of inertia	
		$i_x=6.20 \text{ cm}$	$i_y=2.13 \text{ cm}$

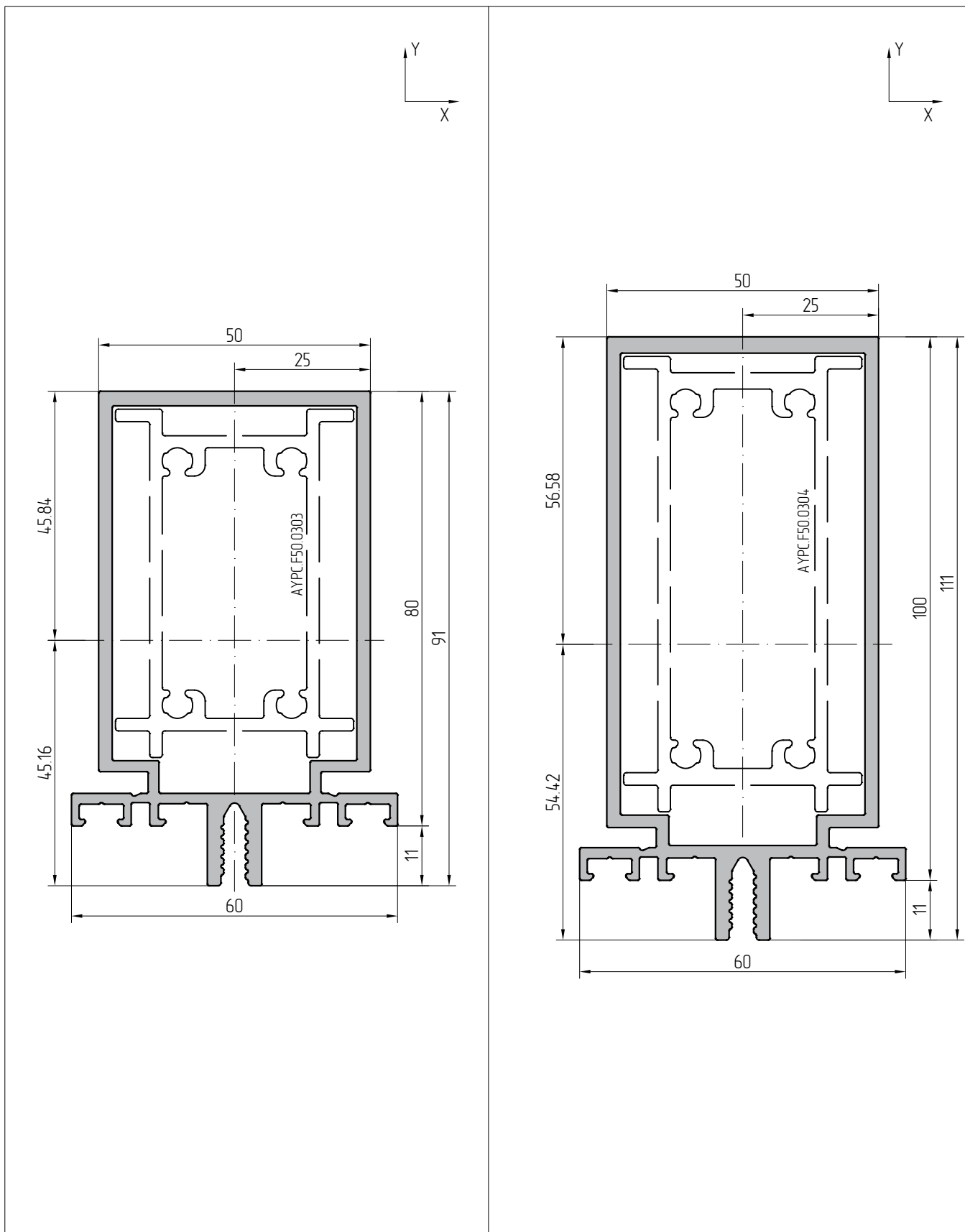
transom profile AYPC.F50.3211				
AYPC.F50.0921-01		AYPC.F50.9950-08	AYPC.F50.9951-08	—
without plug	—	AYPC.F50.9950-08	AYPC.F50.9951-08	AYPC.F50.9952-08





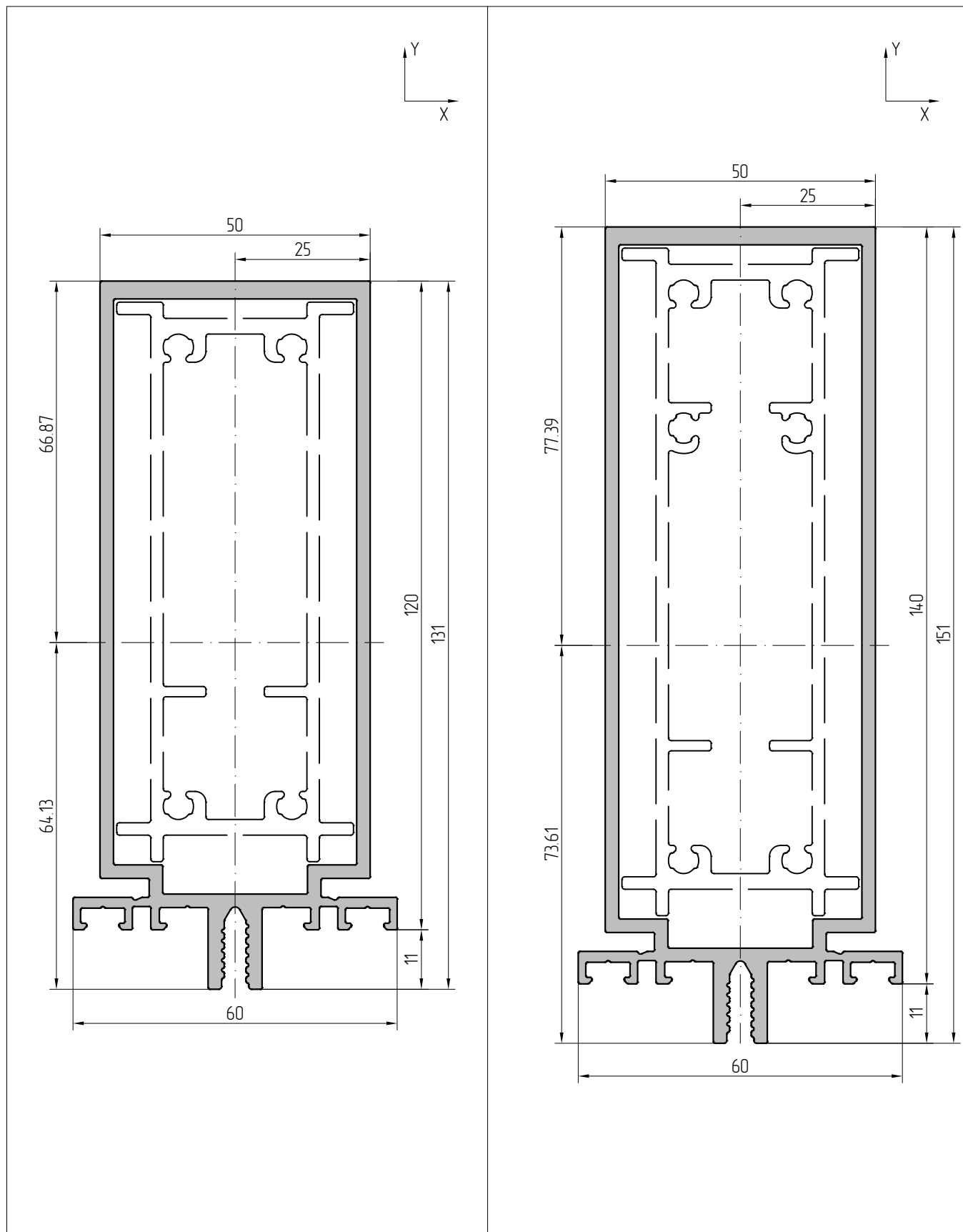
Scale 1:1		Transom profile	
AYPC.F50.0231	Profile article	Central moments of inertia	
0.772 kg	Estimated weight 1 l.m.	$J_x=167 \text{ cm}^4$	$J_y=4.97 \text{ cm}^4$
297.9 mm	External perimeter	Moments of resistance	
2.861 cm^2	Cross-sectional area	$W_x=0.94 \text{ cm}^3$	$W_y=1.99 \text{ cm}^3$
		Radius of inertia	
		$i_x=0.76 \text{ cm}$	$i_y=1.32 \text{ cm}$



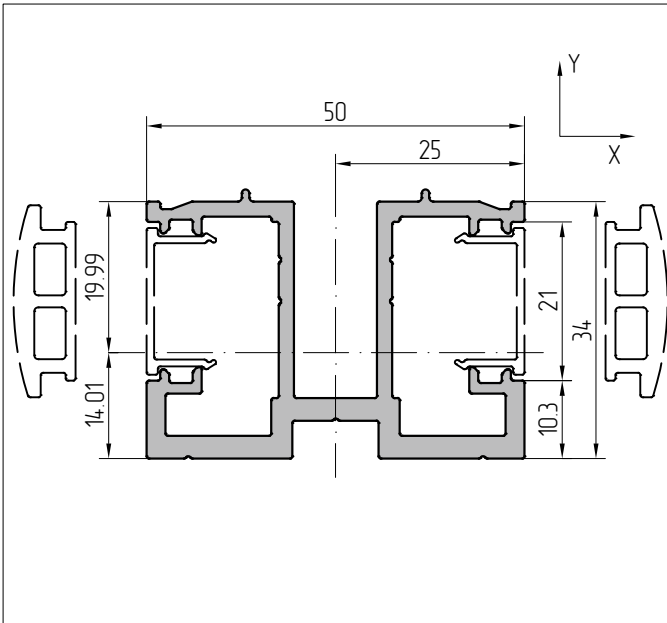


Scale 1:1	Transom profile 80 mm		
AYPC.SK50.0204	Profile article	Central moments of inertia	
2.078 kg	Estimated weight 1 Lm.	Jx=71.96 cm ⁴	Jy=28.91 cm ⁴
427.8 mm	External perimeter	Moments of resistance	
7.666 cm ²	Cross-sectional area	Wx=15.93 cm ³	Wy=9.64 cm ³
		Radius of inertia	
		ix=3.06 cm	iy=1.94 cm

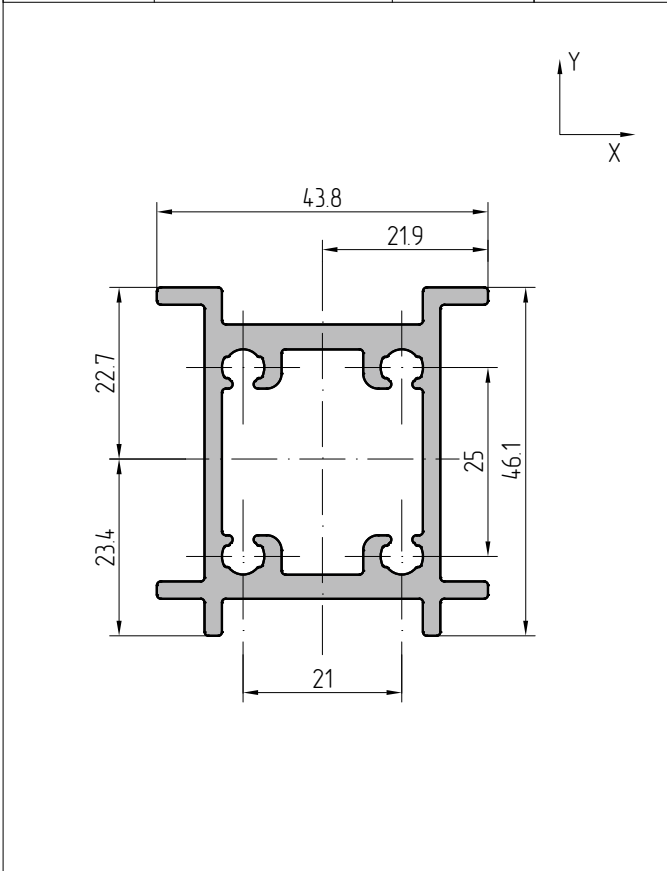
Scale 1:1	Transom profile 100 mm		
AYPC.SK50.0205	Profile article	Central moments of inertia	
2.439 kg	Estimated weight 1 Lm.	Jx=128.99 cm ⁴	Jy=35.15 cm ⁴
467.8 mm	External perimeter	Moments of resistance	
9.001 cm ²	Cross-sectional area	Wx=23.7 cm ³	Wy=11.72 cm ³
		Radius of inertia	
		ix=3.79 cm	iy=1.98 cm



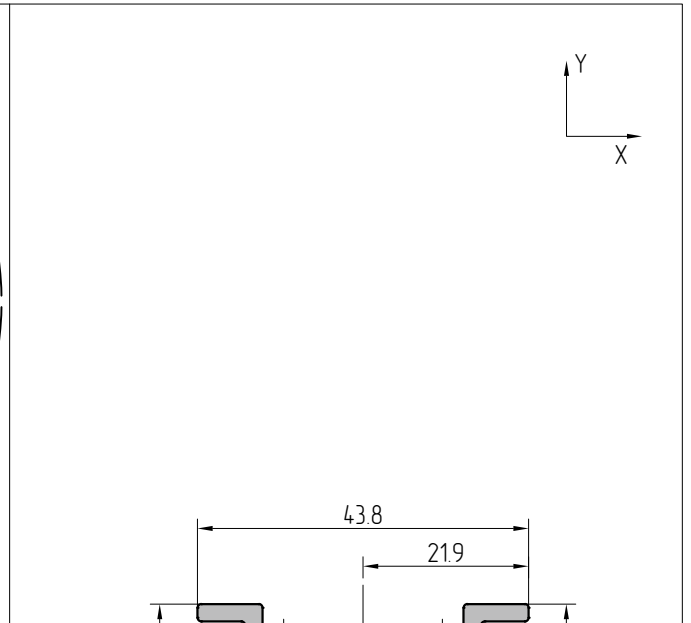
Scale 1:1		Transom profile 120 mm		Scale 1:1		Transom profile 140 mm	
AYPC.SK150.0206	Profile article	Central moments of inertia		AYPC.SK150.0207	Profile article	Central moments of inertia	
2.777 kg	Estimated weight 1 l.m.	Jx=204.82 cm ⁴	Jy=4.125 cm ⁴	3.048 kg	Estimated weight 1 l.m.	Jx=301.82 cm ⁴	Jy=46.90 cm ⁴
507.8 mm	External perimeter	Moments of resistance		547.8 mm	External perimeter	Moments of resistance	
10.248 cm ²	Cross-sectional area	Wx=31.94 cm ³	Wy=13.75 cm ³	11.248 cm ²	Cross-sectional area	Wx=41.00 cm ³	Wy=15.63 cm ³
		Radius of inertia				Radius of inertia	
		ix=4.47 cm	iy=2.01 cm			ix=5.18 cm	iy=2.04 cm



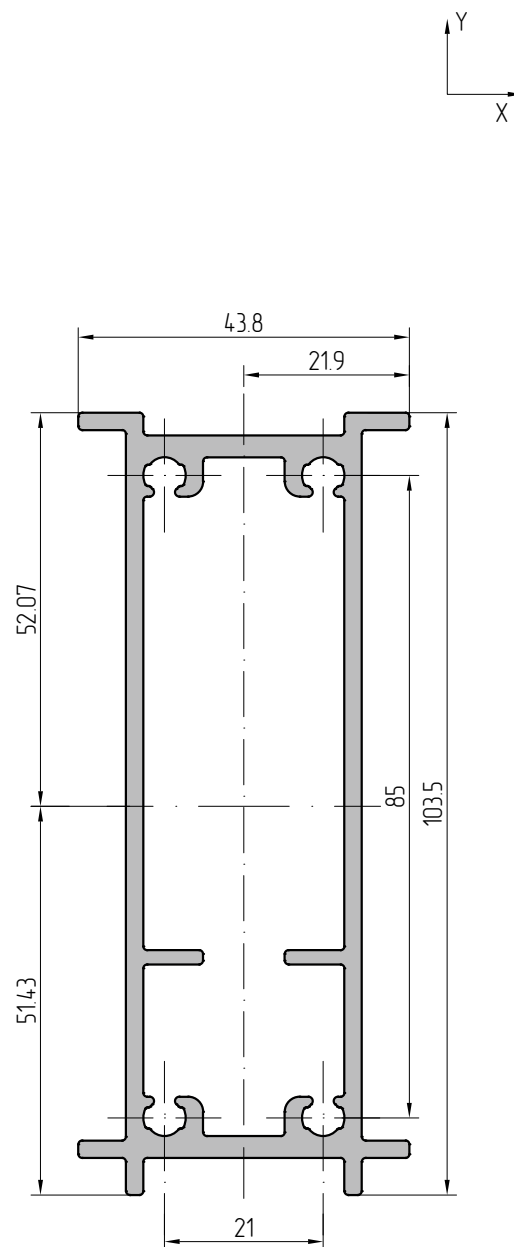
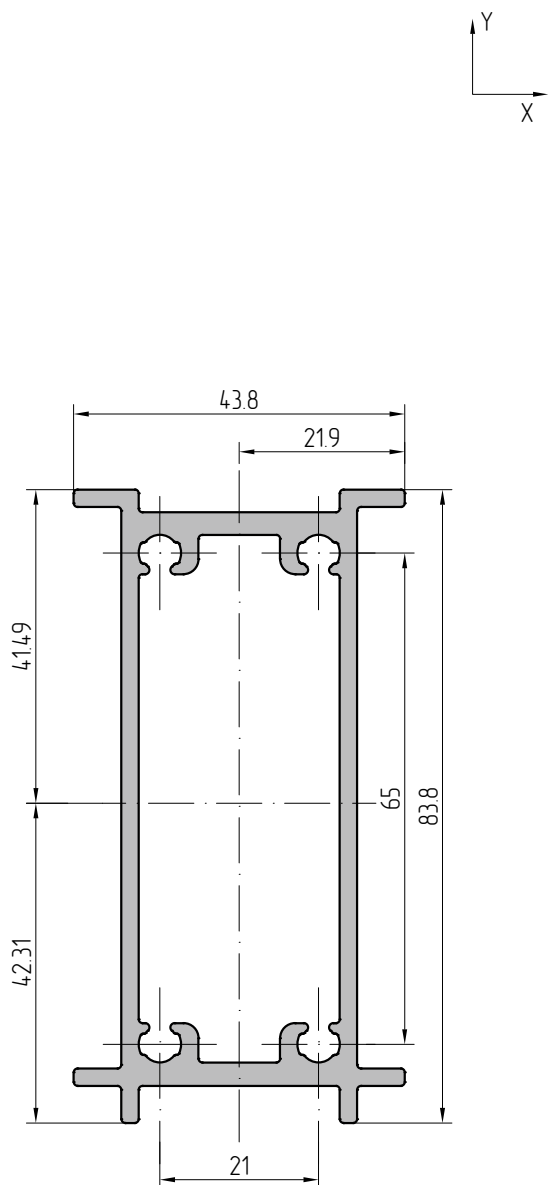
Scale 1:1	Reinforcing profile 34 mm		
AYPC.F50.0301	Profile article	Central moments of inertia	
1.148 kg	Estimated weight 1 l.m.	$J_x=6.50 \text{ cm}^4$	$J_y=9.14 \text{ cm}^4$
377.7 mm	External perimeter	Moments of resistance	
4.235 cm ²	Cross-sectional area	$W_x=6.64 \text{ cm}^3$	$W_y=3.66 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.24 \text{ cm}$	$i_y=1.47 \text{ cm}$



Scale 1:1	Reinforcing profile 46.1 mm		
AYPC.F50.0302	Profile article	Central moments of inertia	
1.397 kg	Estimated weight 1 l.m.	$J_x=11.84 \text{ cm}^4$	$J_y=8.02 \text{ cm}^4$
219.5 mm	External perimeter	Moments of resistance	
5.155 cm ²	Cross-sectional area	$W_x=5.06 \text{ cm}^3$	$W_y=3.66 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.52 \text{ cm}$	$i_y=1.25 \text{ cm}$

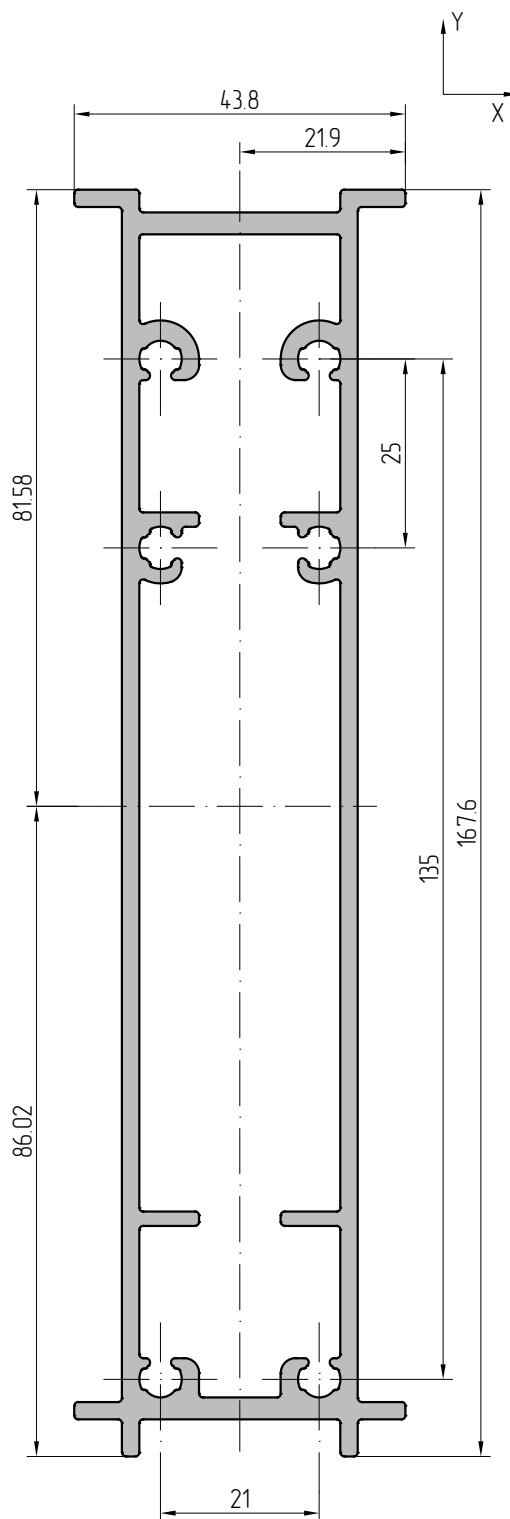
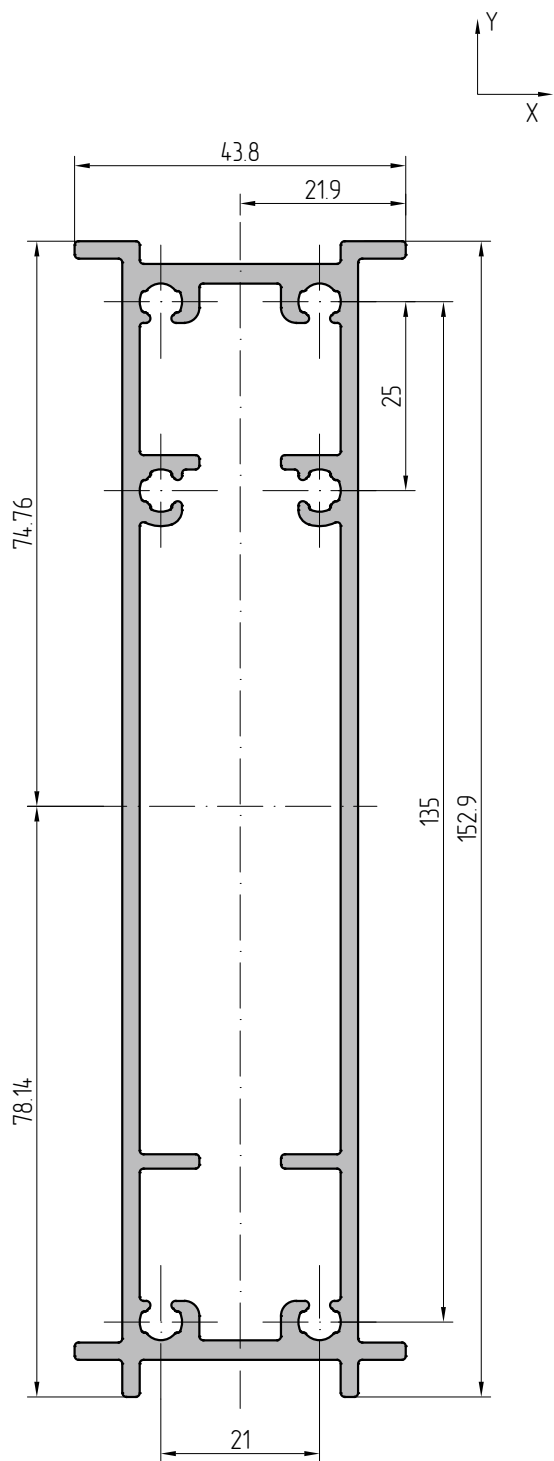


Scale 1:1	Reinforcing profile 64.1 mm		
AYPC.F50.0303	Profile article	Central moments of inertia	
1.477 kg	Estimated weight 1 l.m.	$J_x=26.58 \text{ cm}^4$	$J_y=9.44 \text{ cm}^4$
255.4 mm	External perimeter	Moments of resistance	
5.451 cm ²	Cross-sectional area	$W_x=8.25 \text{ cm}^3$	$W_y=4.31 \text{ cm}^3$
		Radius of inertia	
		$i_x=2.21 \text{ cm}$	$i_y=1.32 \text{ cm}$

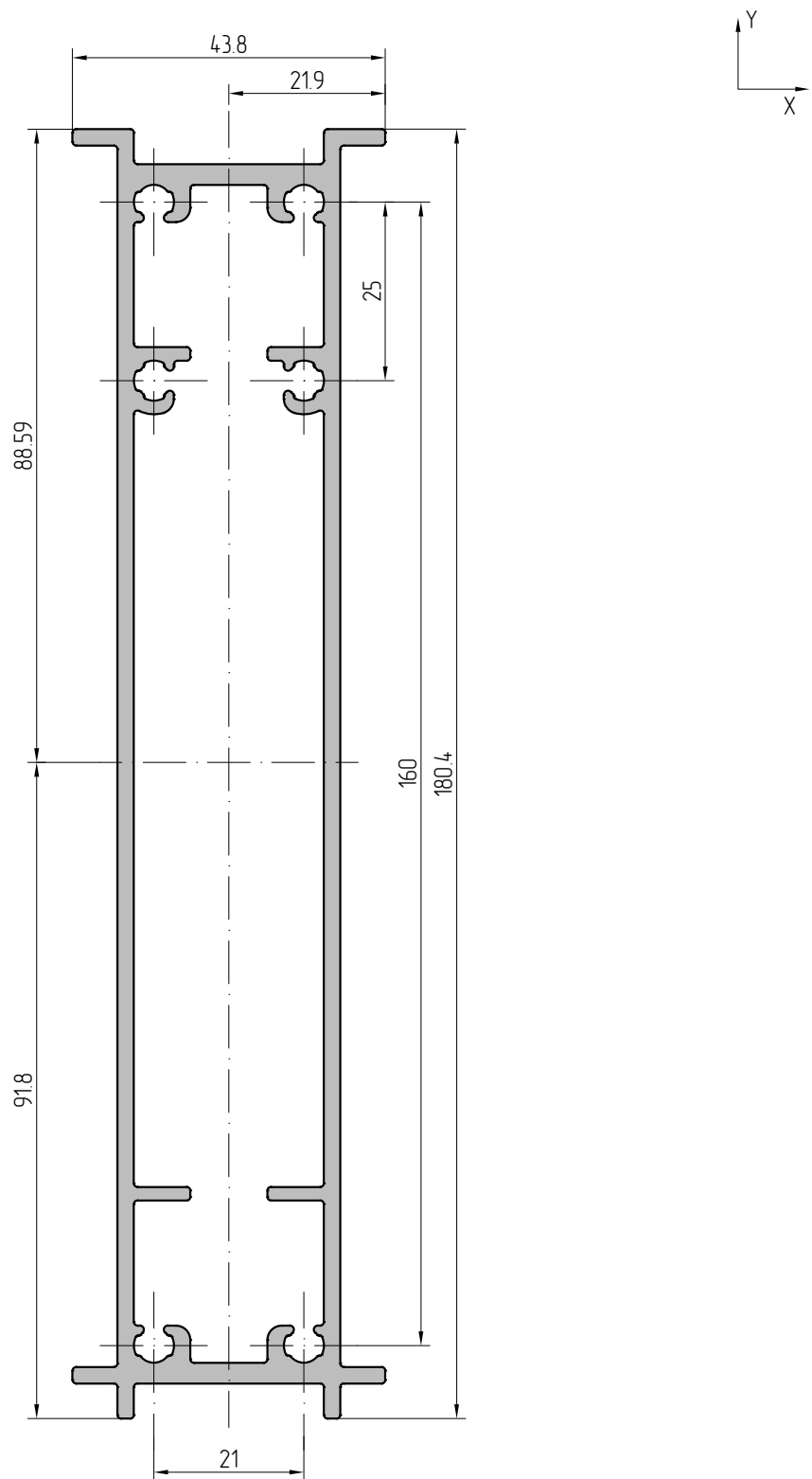


Scale 1:1		Reinforcing profile 838 mm		Scale 1:1		Reinforcing profile 1035 mm	
AYPC.F50.0304	Profile article	Central moments of inertia		AYPC.F50.0305	Profile article	Central moments of inertia	
1.838 kg	Estimated weight 1 l.m.	Jx=60.24 cm ⁴	Jy=11.59 cm ⁴	2.143 kg	Estimated weight 1 l.m.	Jx=103.41 cm ⁴	Jy=13.72 cm ⁴
291.1 mm	External perimeter	Moments of resistance		330.5 mm	External perimeter	Moments of resistance	
6.783 cm ²	Cross-sectional area	Wx=14.24 cm ³	Wy=5.44 cm ³	7.909 cm ²	Cross-sectional area	Wx=19.86 cm ³	Wy=6.27 cm ³
		Radius of inertia				Radius of inertia	
		ix=2.98 cm	iy=1.31 cm			ix=3.62 cm	iy=1.32 cm

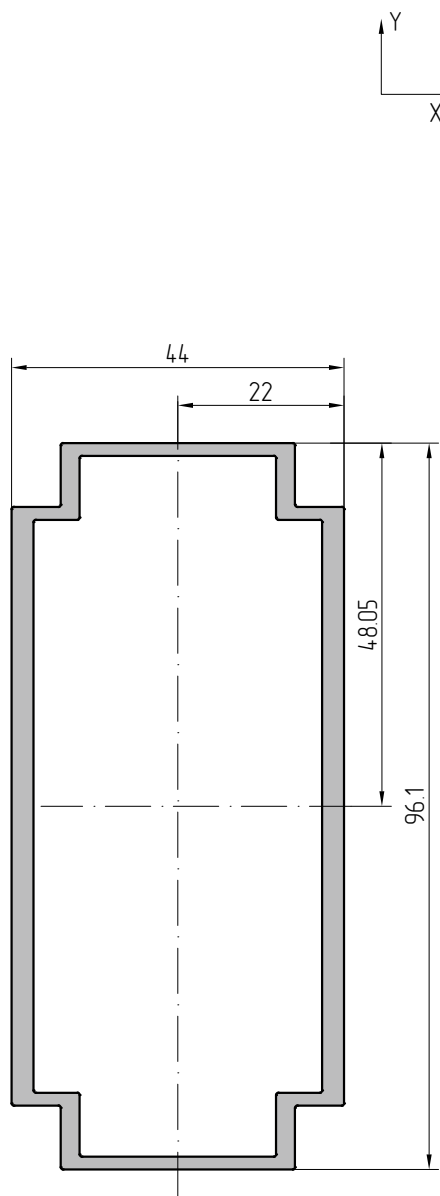
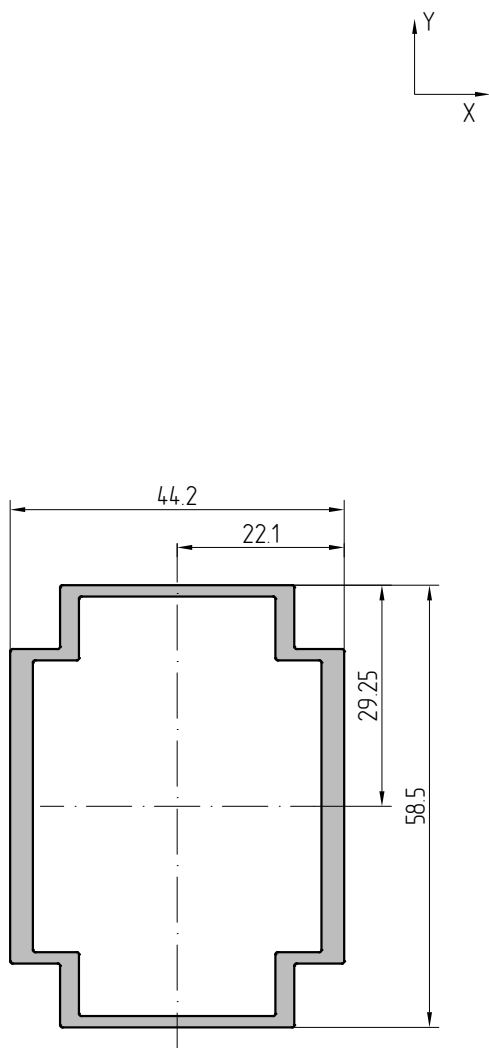
Scale 1:1	Reinforcing profile 123.5 mm		Scale 1:1	Reinforcing profile 138.2 mm			
AYPC.F50.0306	Profile article	Central moments of inertia		AYPC.F50.0309	Profile article	Central moments of inertia	
2.566 kg	Estimated weight 1 l.m.	Jx=168.86 cm ⁴	Jy=16.32 cm ⁴	2.831 kg	Estimated weight 1 l.m.	Jx=228.19 cm ⁴	Jy=18.06 cm ⁴
370.5 mm	External perimeter	Moments of resistance		399.9 mm	External perimeter	Moments of resistance	
9.468 cm ²	Cross-sectional area	Wx=26.74 cm ³	Wy=7.45 cm ³	10.447 cm ²	Cross-sectional area	Wx=32.03 cm ³	Wy=8.25 cm ³
		Radius of inertia				Radius of inertia	
		ix=4.22 cm	iy=1.31 cm			ix=4.67 cm	iy=1.32 cm



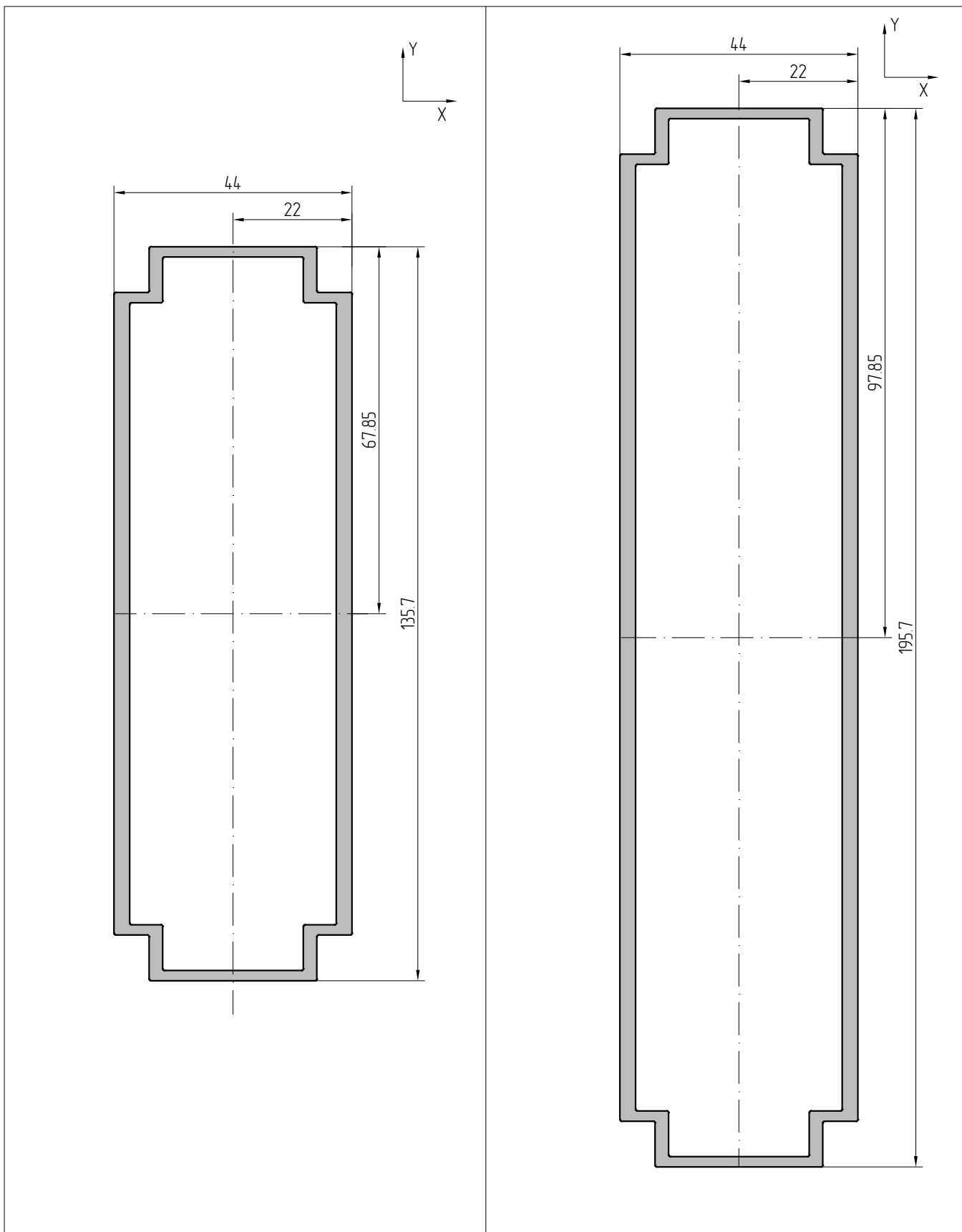
Scale 1:1		Reinforcing profile 152.9 mm		Scale 1:1		Reinforcing profile 167.6 mm	
AYPC.F50.0307	Profile article	Central moments of inertia		AYPC.F50.0310	Profile article	Central moments of inertia	
2.889 kg	Estimated weight 1 L.m.	Jx=289.30 cm ⁴	Jy=19.05 cm ⁴	3.198 kg	Estimated weight 1 L.m.	Jx=375.18 cm ⁴	Jy=20.89 cm ⁴
429.3 mm	External perimeter	Moments of resistance		458.7 mm	External perimeter	Moments of resistance	
10.660 cm ²	Cross-sectional area	Wx=37.02 cm ³	Wy=8.70 cm ³	11.799 cm ²	Cross-sectional area	Wx=43.62 cm ³	Wy=9.54 cm ³
		Radius of inertia				Radius of inertia	
		ix=5.21 cm	iy=1.34 cm			ix=5.64 cm	iy=1.33 cm



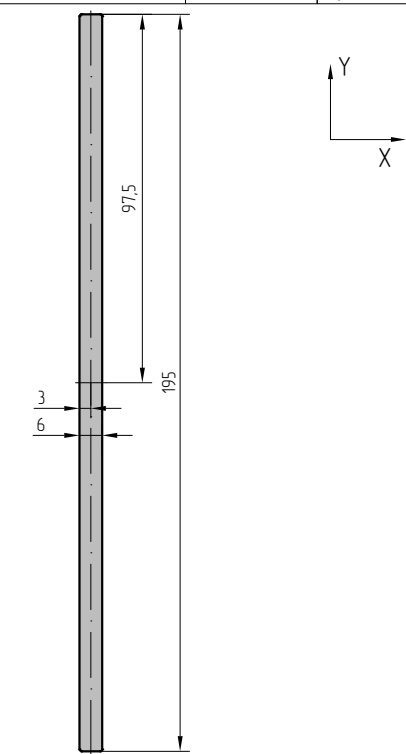
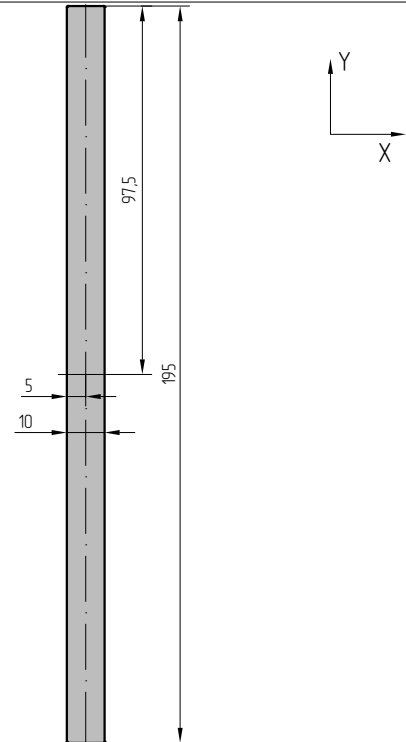
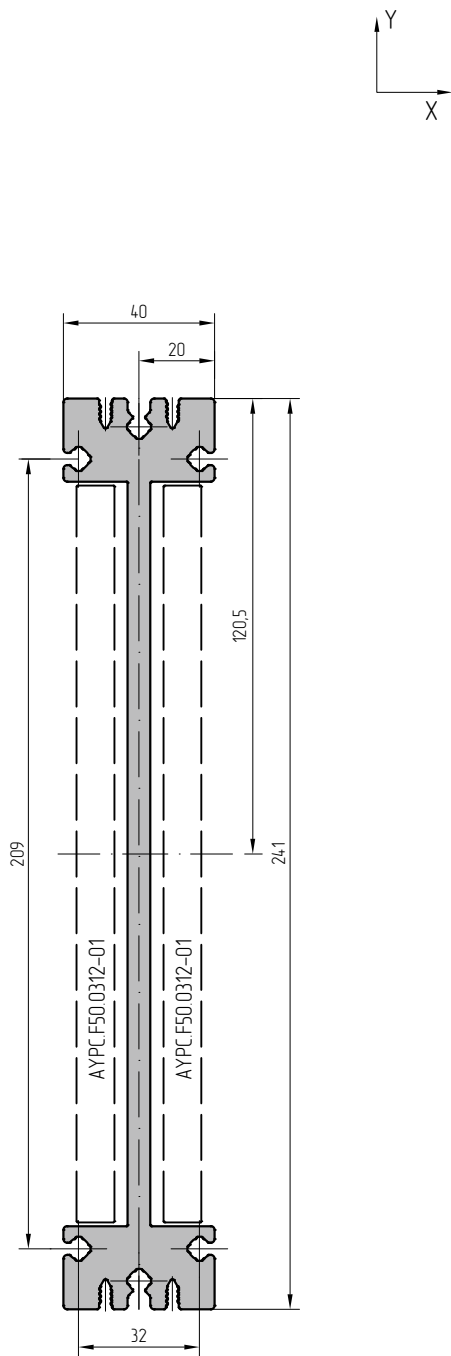
Scale 1:1	Reinforcing profile 180.4 mm		
AYPC.F50.0308	Profile article	Central moments of inertia	
3.275 kg	Estimated weight 1 Lm.	$J_x=453.28 \text{ cm}^4$	$J_y=21.79 \text{ cm}^4$
488.1 mm	External perimeter	Moments of resistance	
12.085 cm ²	Cross-sectional area	$W_x=49.38 \text{ cm}^3$	$W_y=9.95 \text{ cm}^3$
		Radius of inertia	
		$i_x=6.12 \text{ cm}$	$i_y=1.34 \text{ cm}$



Scale 1:1		Reinforcing profile 58.5 mm		Scale 1:1		Reinforcing profile 96.1 mm	
AYPC.F50.0318	Profile article	Central moments of inertia		AYPC.F50.0319	Profile article	Central moments of inertia	
1.216 kg	Estimated weight 1 l.m.	Jx=16.75 cm ⁴	Jy=13.72 cm ⁴	1.826 kg	Estimated weight 1 l.m.	Jx=66.22 cm ⁴	Jy=22.73 cm ⁴
203.9 mm	External perimeter	Moments of resistance		278.7 mm	External perimeter	Moments of resistance	
4.487 cm ²	Cross-sectional area	Wx=5.73 cm ³	Wy=6.21 cm ³	6.737 cm ²	Cross-sectional area	Wx=13.78 cm ³	Wy=10.33 cm ³
		Radius of inertia				Radius of inertia	
		ix=1.93 cm	iy=1.75 cm			ix=3.13 cm	iy=1.84 cm

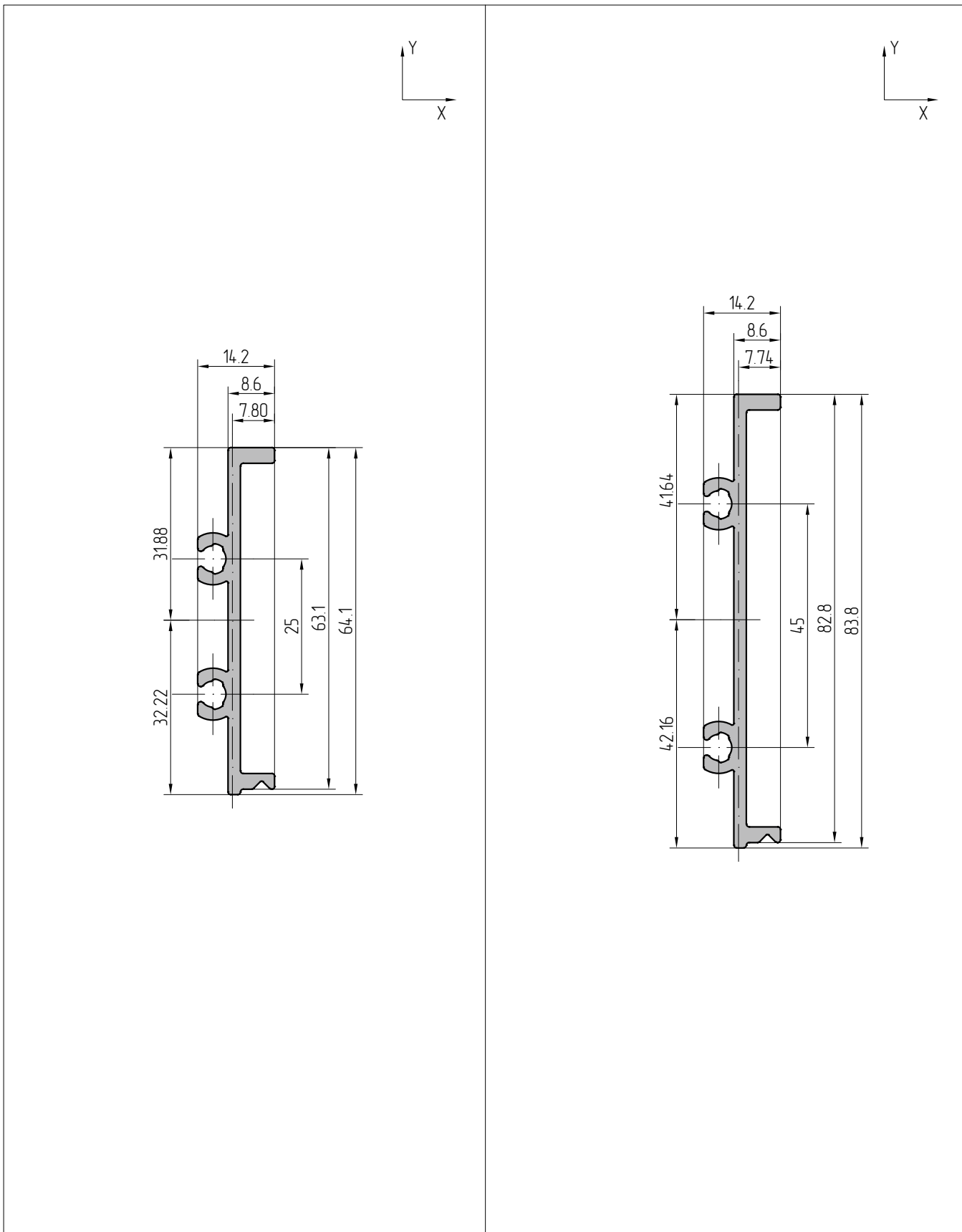


Scale 1:1		Reinforcing profile 135.7 mm		Scale 1:1		Reinforcing profile 195.7 mm	
AYPC.F50.0320	Profile article	Central moments of inertia		AYPC.F50.0321	Profile article	Central moments of inertia	
2.490 kg	Estimated weight 1 L.m.	Jx=175.36 cm ⁴	Jy=32.63 cm ⁴	3.433 kg	Estimated weight 1 L.m.	Jx=479.44 cm ⁴	Jy=47.35 cm ⁴
357.9 mm	External perimeter	Moments of resistance		477.9 mm	External perimeter	Moments of resistance	
9.187 cm ²	Cross-sectional area	Wx=25.85 cm ³	Wy=14.83 cm ³	12.667 cm ²	Cross-sectional area	Wx=49.00 cm ³	Wy=21.52 cm ³
		Radius of inertia				Radius of inertia	
		ix=4.37 cm	iy=1.89 cm			ix=6.15 cm	iy=1.93 cm

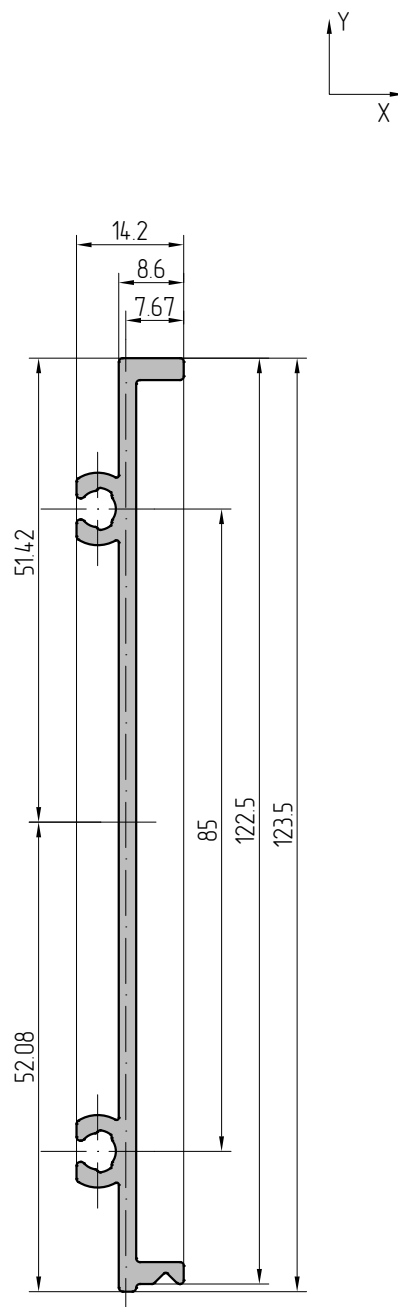
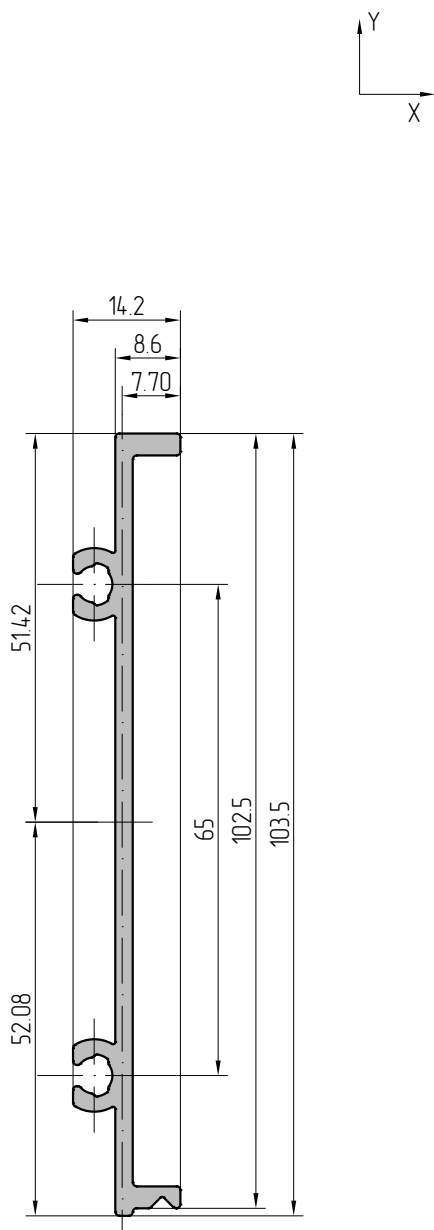


Scale 1:2	Reinforcing profile 10x195 mm	
AYPC.F50.0312-01	Profile article	Central moments of inertia
5.284 kg	Estimated weight 1 l.m.	Jx=617.83 cm ⁴ Jy=162 cm ⁴
409.5 mm	External perimeter	Moments of resistance
19.499 cm ²	Cross-sectional area	Wx=63.37 cm ³ Wy=3.25 cm ³
		Radius of inertia
		ix=5.62 cm iy=0.29 cm

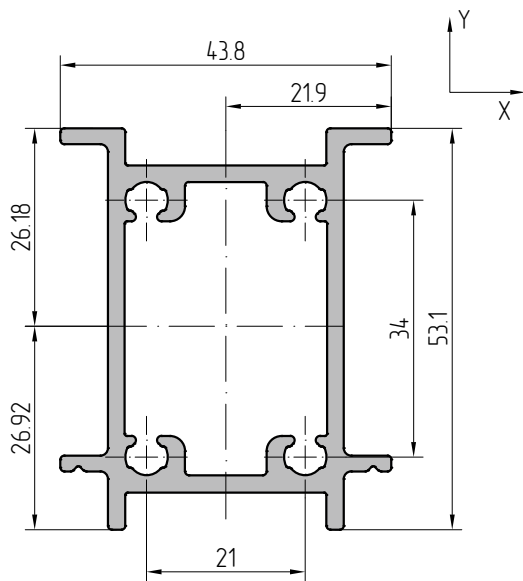
Scale 1:2	Reinforcing profile 241 mm		Scale 1:2	Reinforcing profile 195 mm	
AYPC.F50.0312	Profile article	Central moments of inertia	AYPC.F50.0322	Profile article	Central moments of inertia
7.092 kg	Estimated weight 1 l.m.	Jx=2093.21 cm ⁴ Jy=19.57 cm ⁴	5.284 kg	Estimated weight 1 l.m.	Jx=617.83 cm ⁴ Jy=162 cm ⁴
785.9 mm	External perimeter	Moments of resistance	409.5 mm	External perimeter	Moments of resistance
26.169 cm ²	Cross-sectional area	Wx=173.71 cm ³ Wy=9.79 cm ³	19.499 cm ²	Cross-sectional area	Wx=63.37 cm ³ Wy=3.25 cm ³
		Radius of inertia			Radius of inertia
		ix=8.94 cm iy=0.87 cm			ix=1.62 cm iy=0.29 cm



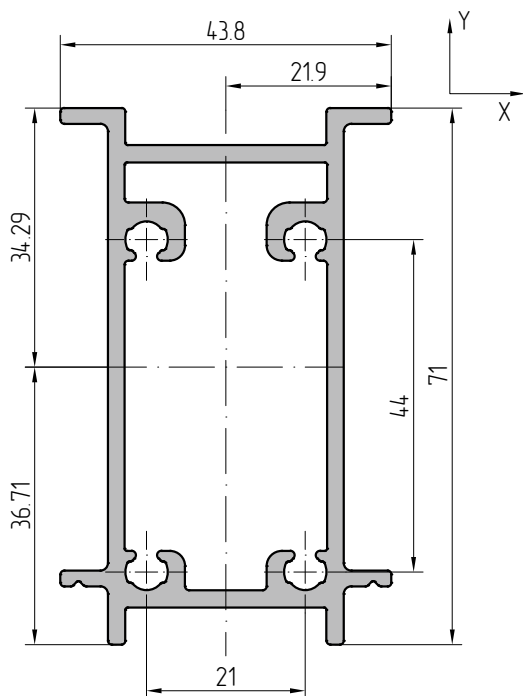
Scale 1:1		Reinforcing profile 64.1 mm		Scale 1:1		Reinforcing profile 83.8 mm	
AYPC.F50.0313	Profile article	Central moments of inertia		AYPC.F50.0314	Profile article	Central moments of inertia	
0.649 kg	Estimated weight 1 l.m.	Jx=9.07 cm ⁴	Jy=0.18 cm ⁴	0.772 kg	Estimated weight 1 l.m.	Jx=19.67 cm ⁴	Jy=0.18 cm ⁴
202.4 mm	External perimeter	Moments of resistance		241.8 mm	External perimeter	Moments of resistance	
2.396 cm ²	Cross-sectional area	Wx=2.81 cm ³	Wy=0.23 cm ³	2.849 cm ²	Cross-sectional area	Wx=4.66 cm ³	Wy=0.23 cm ³
		Radius of inertia				Radius of inertia	
		ix=1.95 cm	iy=0.27 cm			ix=2.63 cm	iy=0.25 cm



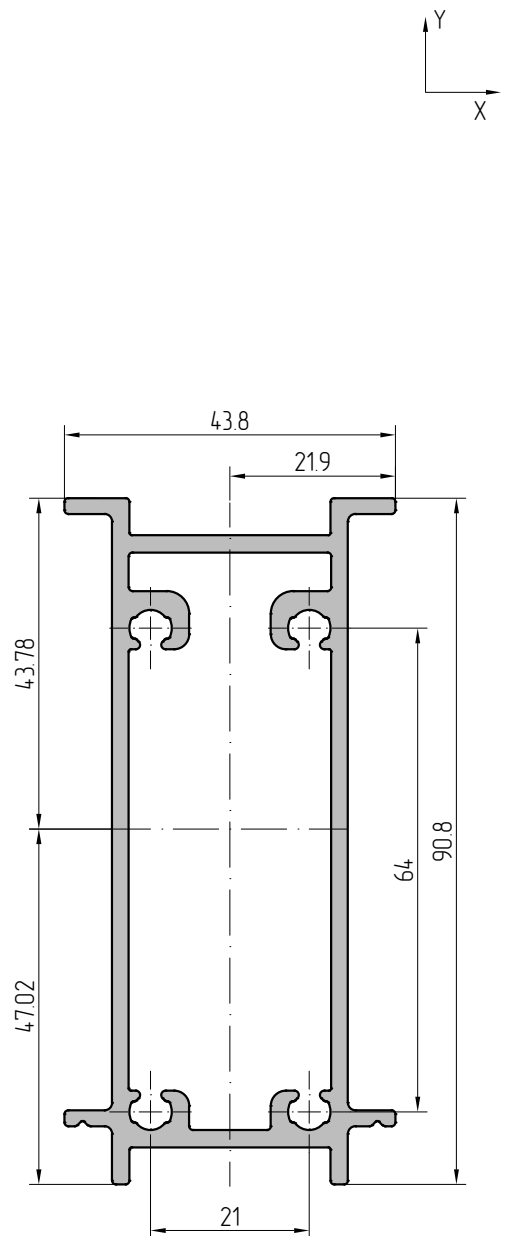
Scale 1:1		Reinforcing profile 103.5 mm		Scale 1:1		Reinforcing profile 123.5 mm	
AYPC.F50.0315	Profile article	Central moments of inertia		AYPC.F50.0316	Profile article	Central moments of inertia	
0.895 kg	Estimated weight 1 l.m.	$J_x=35.83 \text{ cm}^4$	$J_y=0.18 \text{ cm}^4$	1.019 kg	Estimated weight 1 l.m.	$J_x=58.76 \text{ cm}^4$	$J_y=0.19 \text{ cm}^4$
281.2 mm	External perimeter	Moments of resistance		321.2 mm	External perimeter	Moments of resistance	
3.302 cm ²	Cross-sectional area	$W_x=6.88 \text{ cm}^3$	$W_y=0.23 \text{ cm}^3$	3.762 cm ²	Cross-sectional area	$W_x=9.46 \text{ cm}^3$	$W_y=0.25 \text{ cm}^3$
		Radius of inertia				Radius of inertia	
		$i_x=3.29 \text{ cm}$	$i_y=0.24 \text{ cm}$			$i_x=3.95 \text{ cm}$	$i_y=0.22 \text{ cm}$



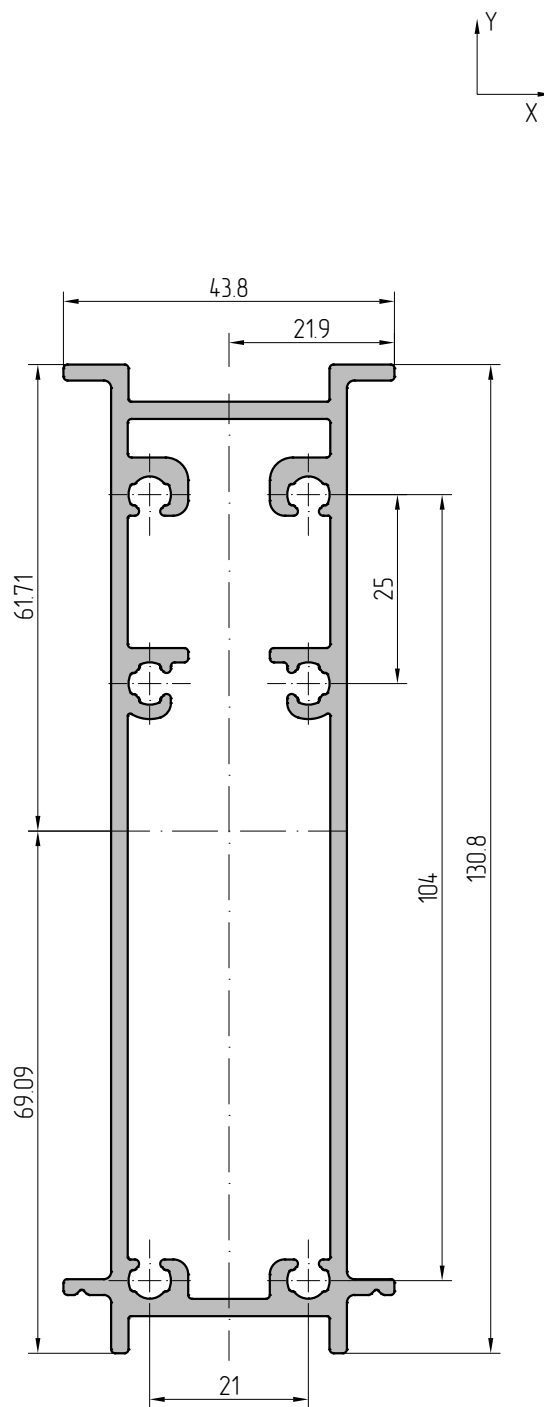
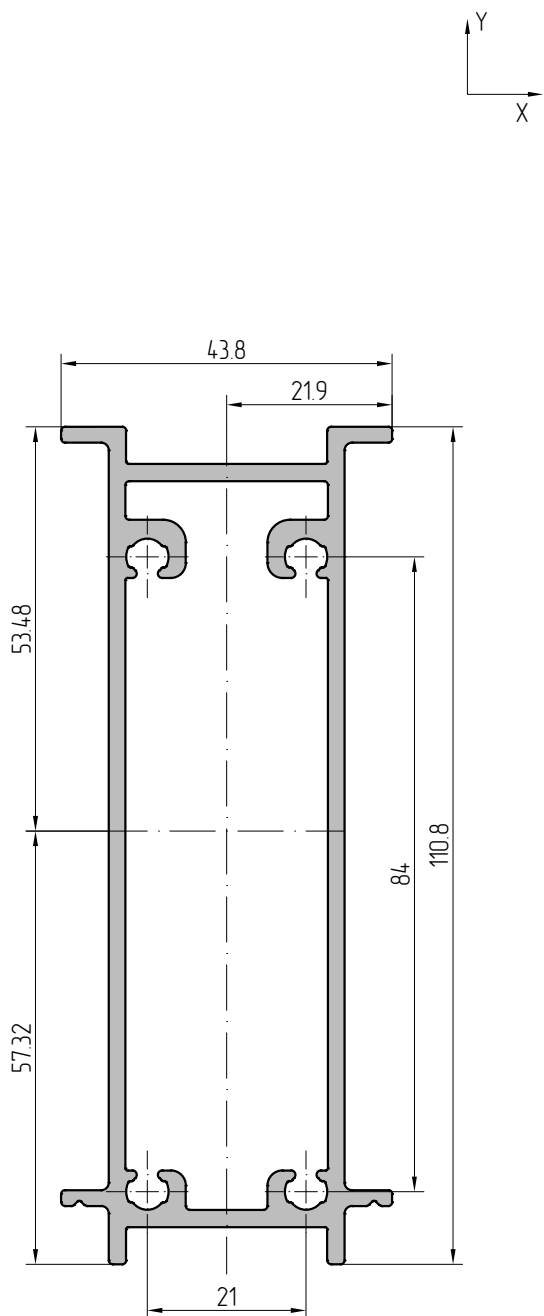
Scale 1:1	Reinforcing profile 62 mm		
AYPC.F50.3302	Profile article	Central moments of inertia	
1.304 kg	Estimated weight 1 L.m.	$J_x=15.36 \text{ cm}^4$	$J_y=8.07 \text{ cm}^4$
233.5 mm	External perimeter	Moments of resistance	
4.83 cm ²	Cross-sectional area	$W_x=5.71 \text{ cm}^3$	$W_y=3.68 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.78 \text{ cm}$	$i_y=1.29 \text{ cm}$



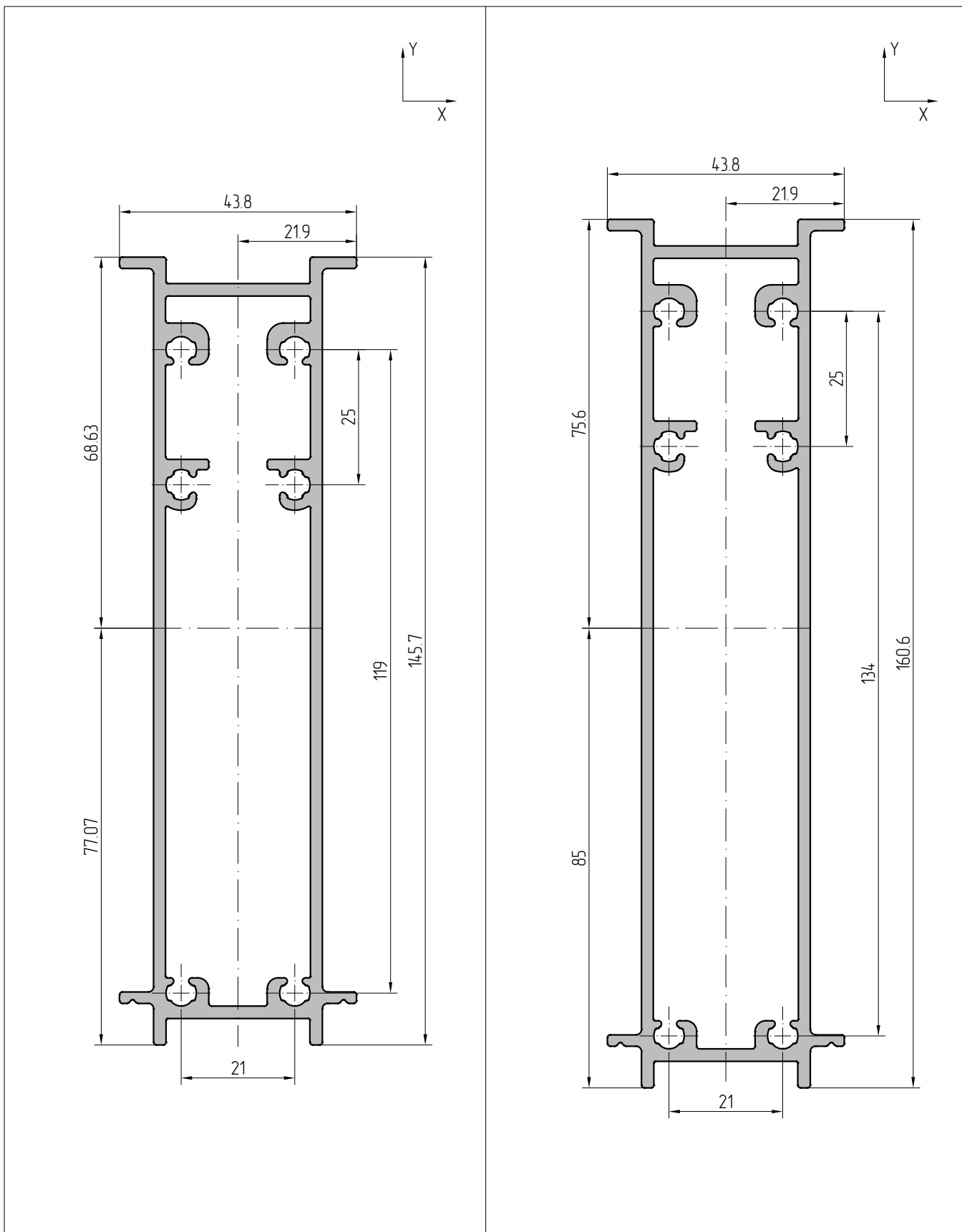
Scale 1:1	Reinforcing profile 71 mm		
AYPC.F50.3303	Profile article	Central moments of inertia	
1.622 kg	Estimated weight 1 L.m.	$J_x=34.34 \text{ cm}^4$	$J_y=10.11 \text{ cm}^4$
269.3 mm	External perimeter	Moments of resistance	
6.01 cm ²	Cross-sectional area	$W_x=9.35 \text{ cm}^3$	$W_y=4.62 \text{ cm}^3$
		Radius of inertia	
		$i_x=2.39 \text{ cm}$	$i_y=1.30 \text{ cm}$



Scale 1:1	Reinforcing profile 90.8 mm		
AYPC.F50.3304	Profile article	Central moments of inertia	
1.857 kg	Estimated weight 1 L.m.	$J_x=66.77 \text{ cm}^4$	$J_y=11.94 \text{ cm}^4$
308.9 mm	External perimeter	Moments of resistance	
6.88 cm ²	Cross-sectional area	$W_x=14.2 \text{ cm}^3$	$W_y=5.45 \text{ cm}^3$
		Radius of inertia	
		$i_x=3.12 \text{ cm}$	$i_y=1.32 \text{ cm}$

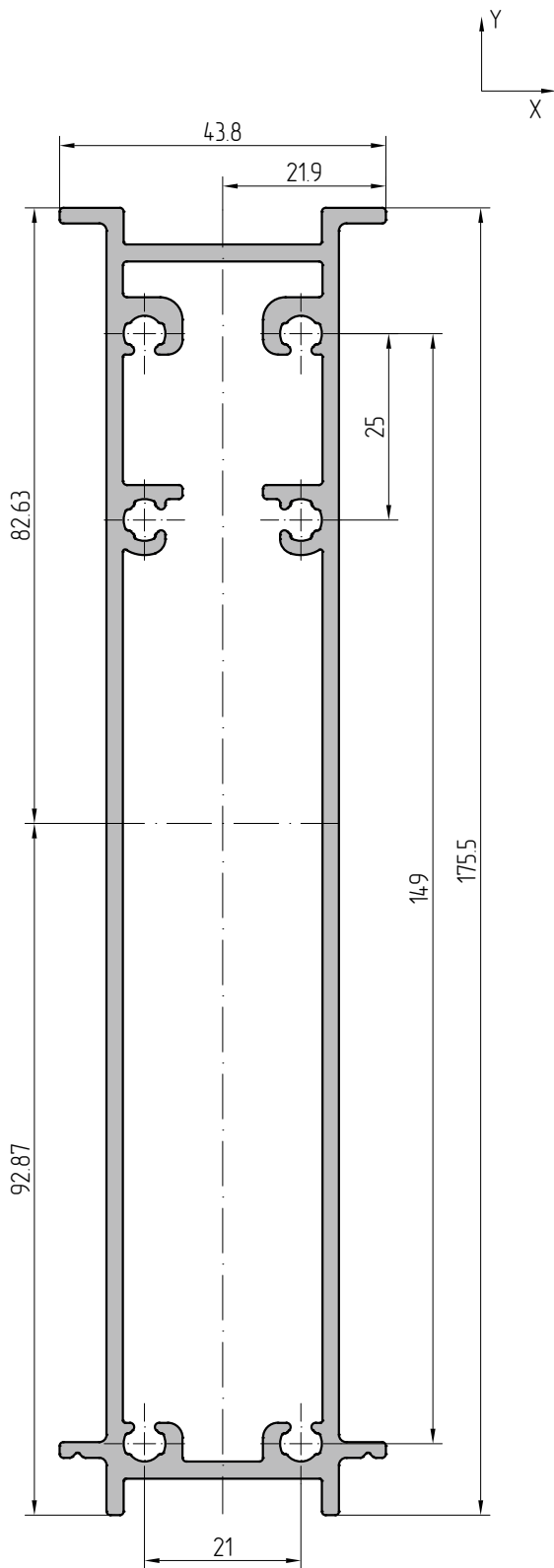


Scale 1:1		Reinforcing profile 110.8 mm		Scale 1:1		Reinforcing profile 130.8 mm	
AYPC.F50.3305	Profile article	Central moments of inertia		AYPC.F50.3306	Profile article	Central moments of inertia	
2.095 kg	Estimated weight 1 l.m.	Jx=113.14 cm ⁴	Jy=13.80 cm ⁴	2.509 kg	Estimated weight 1 l.m.	Jx=177.98 cm ⁴	Jy=16.35 cm ⁴
348.9 mm	External perimeter	Moments of resistance		388.9 mm	External perimeter	Moments of resistance	
7.76 cm ²	cross-sectional area	Wx=19.74 cm ³	Wy=6.30 cm ³	9.29 cm ²	Cross-sectional area	Wx=25.76 cm ³	Wy=7.47 cm ³
		Radius of inertia				Radius of inertia	
		ix=3.82 cm	iy=1.33 cm			ix=4.38 cm	iy=1.33 cm

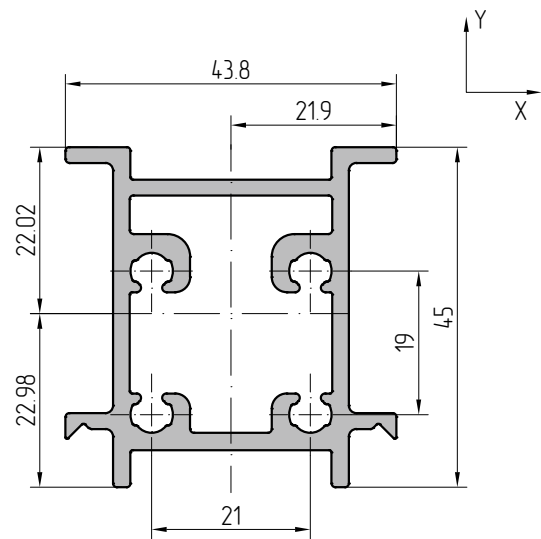


Scale 1:1		Reinforcing profile 145.7 mm	
AYPC.F50.3307	Profile article	Central moments of inertia	
2.686 kg	Estimated weight 1 l.m.	$J_x=237.62 \text{ cm}^4$	$J_y=17.73 \text{ cm}^4$
418.7 mm	External perimeter	Moments of resistance	
9.94 cm ²	Cross-sectional area	$W_x=30.83 \text{ cm}^3$	$W_y=8.10 \text{ cm}^3$
		Radius of inertia	
		$i_x=4.89 \text{ cm}$	$i_y=1.34 \text{ cm}$

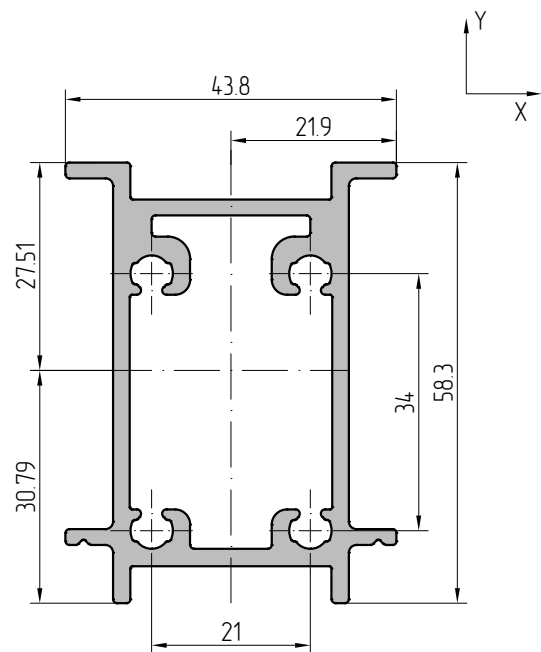
Scale 1:1		Reinforcing profile 160.6 mm	
AYPC.F50.3308	Profile article	Central moments of inertia	
2.863 kg	Estimated weight 1 l.m.	$J_x=308.28 \text{ cm}^4$	$J_y=19.11 \text{ cm}^4$
448.5 mm	External perimeter	Moments of resistance	
10.6 cm ²	Cross-sectional area	$W_x=36.27 \text{ cm}^3$	$W_y=8.73 \text{ cm}^3$
		Radius of inertia	
		$i_x=5.39 \text{ cm}$	$i_y=1.34 \text{ cm}$



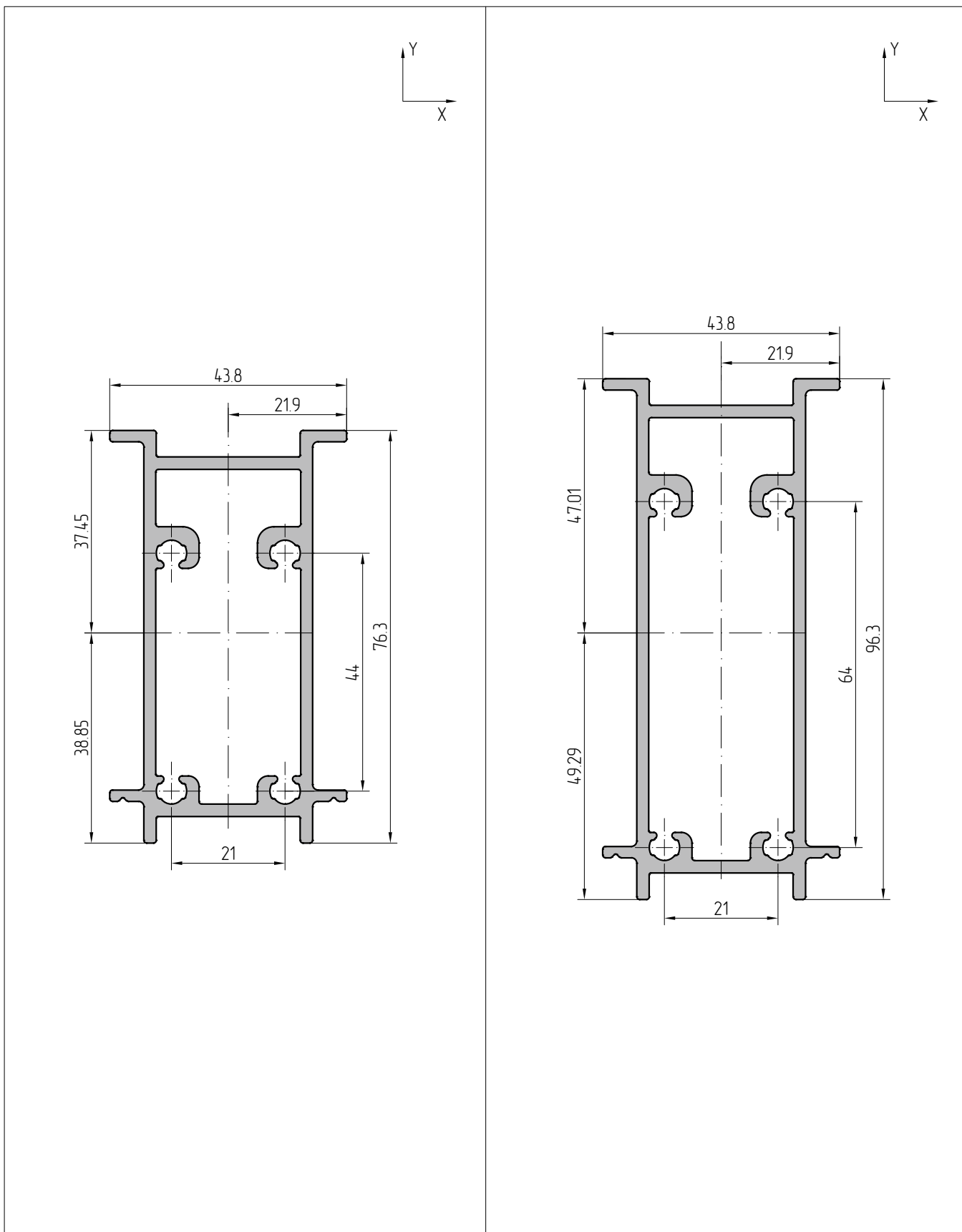
Scale 1:1		Reinforcing profile 1755 mm	
AYPC.F50.3309	Profile article	Central moments of inertia	
3.040 kg	Estimated weight 1 l.m.	$J_x=390.72 \text{ cm}^4$	$J_y=20.49 \text{ cm}^4$
478.3 mm	External perimeter	Moments of resistance	
11.26 cm ²	Cross-sectional area	$W_x=4.207 \text{ cm}^3$	$W_y=9.36 \text{ cm}^3$
		Radius of inertia	
		$i_x=5.89 \text{ cm}$	$i_y=1.35 \text{ cm}$



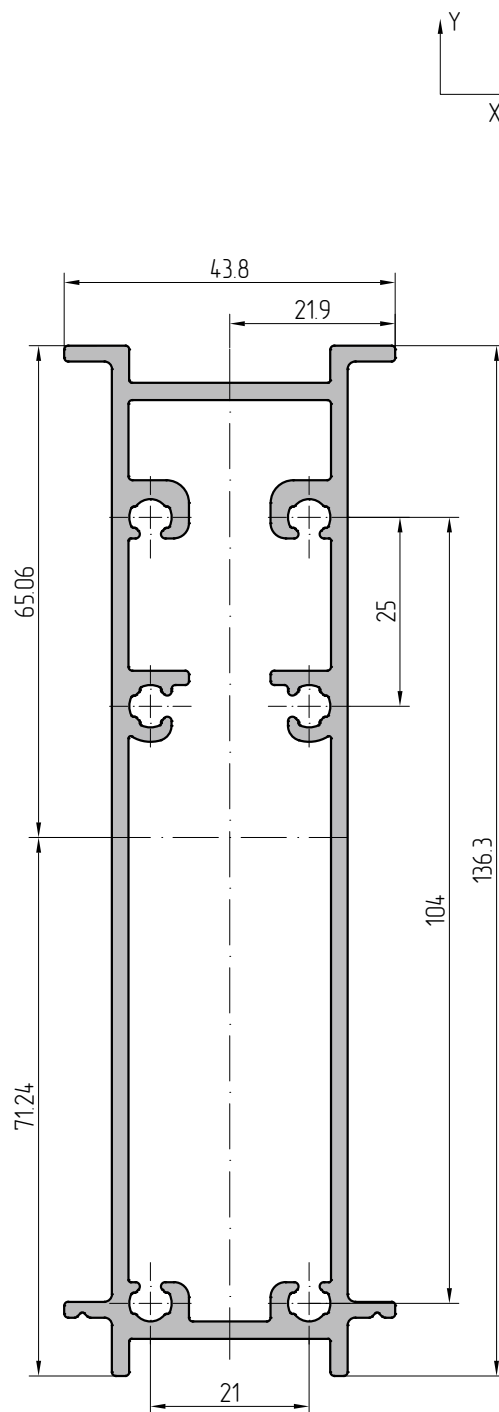
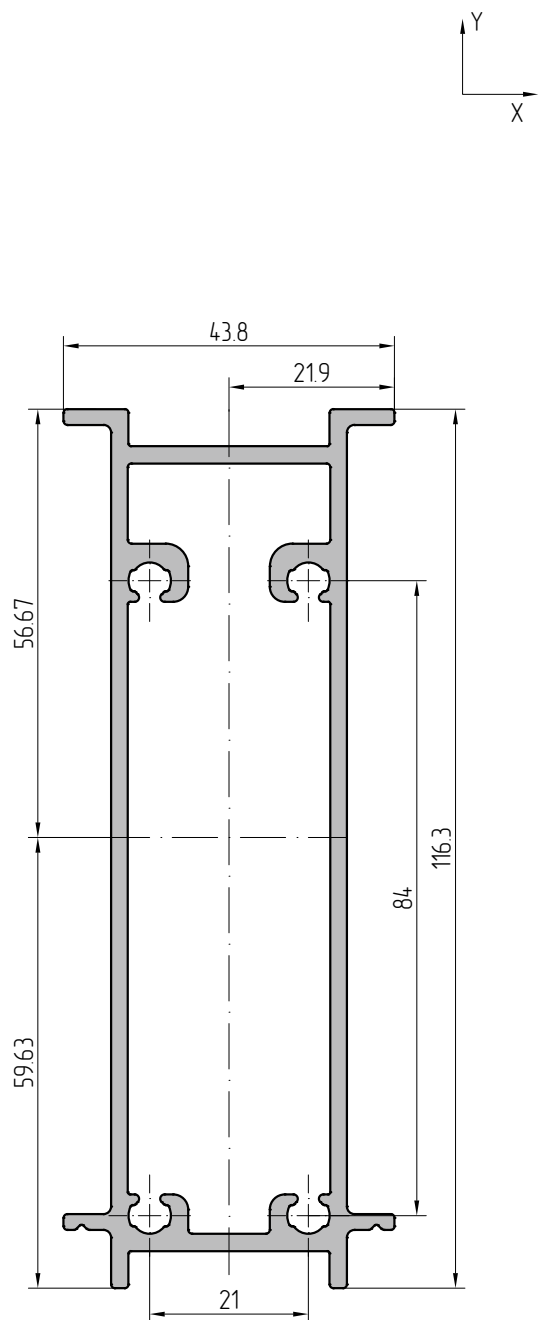
Scale 1:1		Reinforcing profile 45 mm	
AYPC.F50.3324	Profile article	Central moments of inertia	
1.305 kg	Estimated weight 1 l.m.	$J_x=9.60 \text{ cm}^4$	$J_y=7.78 \text{ cm}^4$
220.1 mm	External perimeter	Moments of resistance	
4.83 cm ²	Cross-sectional area	$W_x=4.18 \text{ cm}^3$	$W_y=3.55 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.41 \text{ cm}$	$i_y=1.27 \text{ cm}$



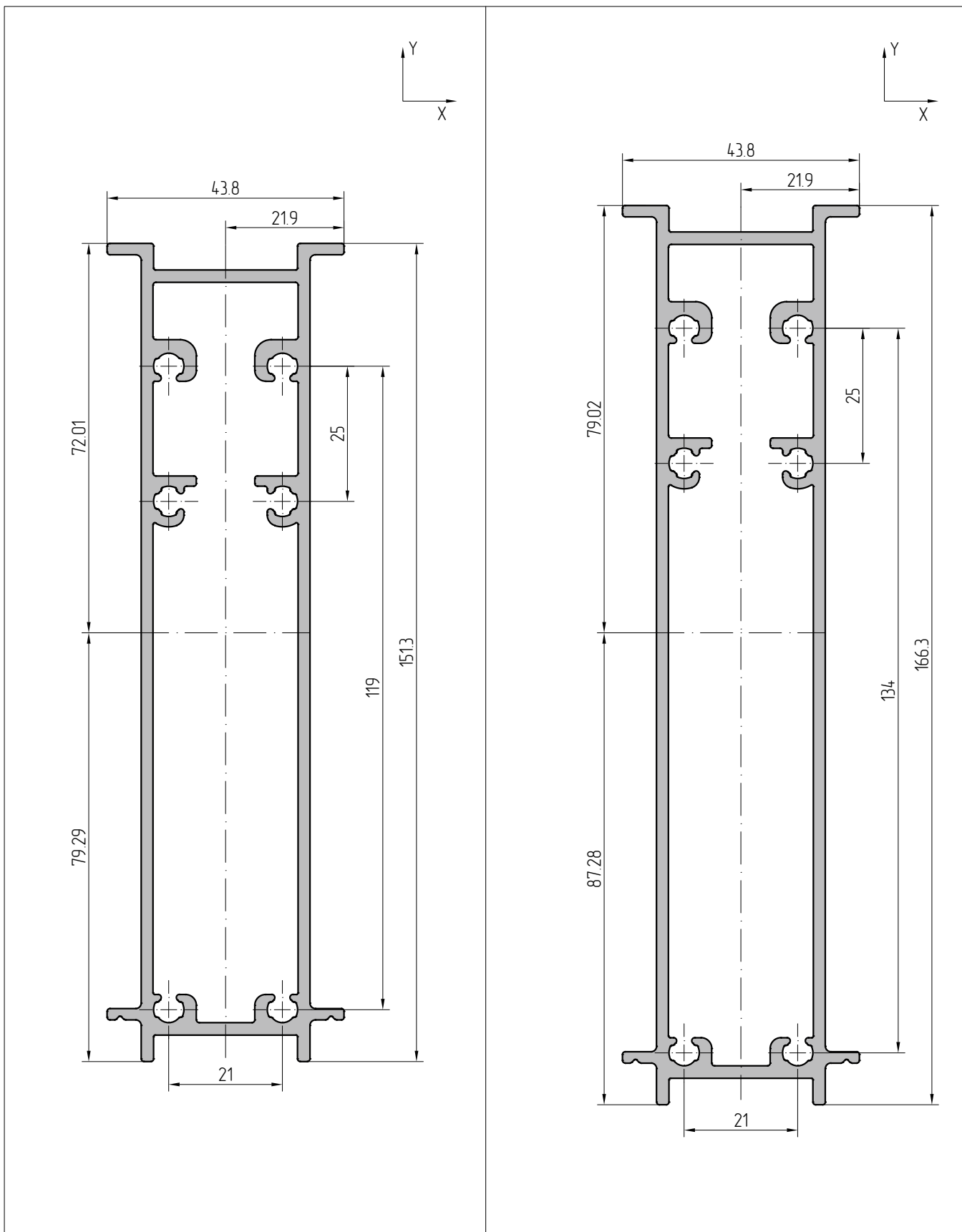
Scale 1:1		Reinforcing profile 58.3 mm	
AYPC.F50.3325	Profile article	Central moments of inertia	
1.501 kg	Estimated weight	$J_x=20.82 \text{ cm}^4$	$J_y=9.13 \text{ cm}^4$
243.9 mm	External perimeter	Moments of resistance	
5.56 cm ²	Cross-sectional area	$W_x=6.77 \text{ cm}^3$	$W_y=4.17 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.93 \text{ cm}$	$i_y=1.28 \text{ cm}$



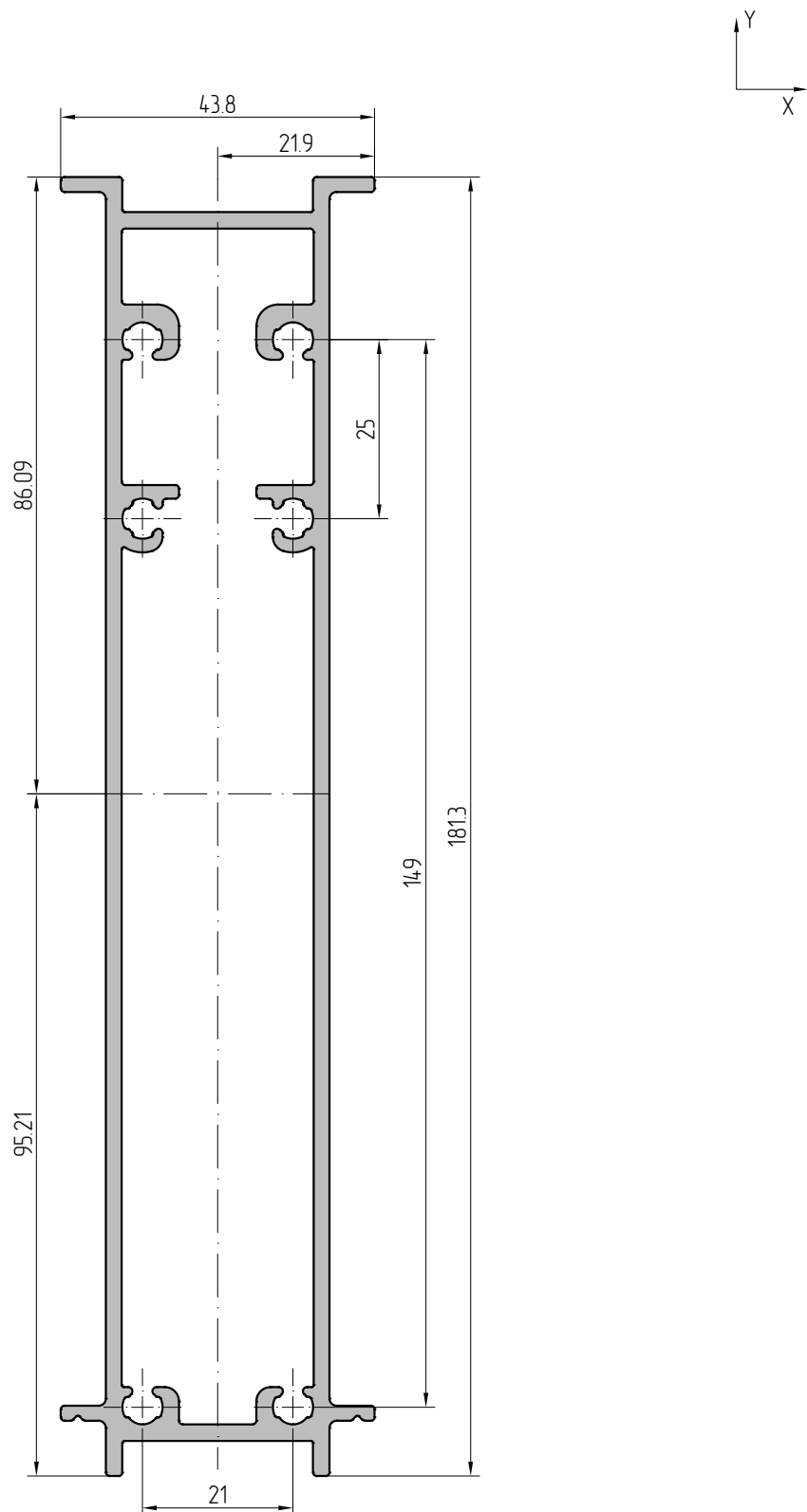
Scale 11		Reinforcing profile 76.3 mm		Scale 11		Reinforcing profile 96.3 mm	
AYPC.F50.3326	Profile article	Central moments of inertia		AYPC.F50.3327	Profile article	Central moments of inertia	
1685 kg	Estimated weight 1 l.m.	Jx=40.31 cm ⁴	Jy=10.60 cm ⁴	1923 kg	Estimated weight 1 l.m.	Jx=75.77 cm ⁴	Jy=12.45 cm ⁴
279.9 mm	External perimeter	Moments of resistance		319.9 mm	External perimeter	Moments of resistance	
6.24 cm ²	Cross-sectional area	Wx=10.38 cm ³	Wy=4.84 cm ³	7.12 cm ²	Cross-sectional area	Wx=15.37 cm ³	Wy=5.68 cm ³
		Radius of inertia				Radius of inertia	
		ix=2.54 cm	iy=1.30 cm			ix=3.26 cm	iy=1.32 cm



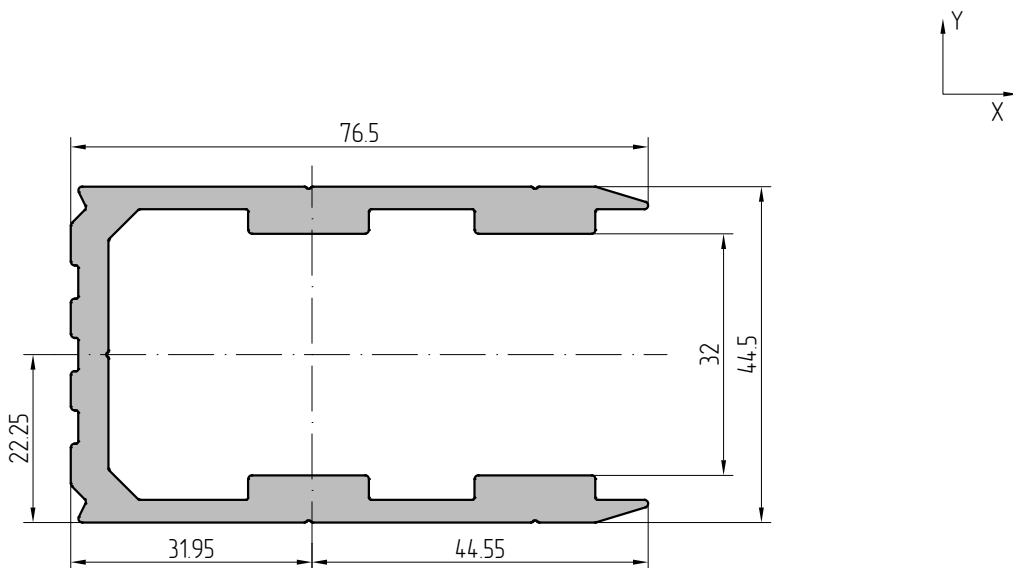
Scale 1:1		Reinforcing profile 116.3 mm		Scale 1:1		Reinforcing profile 136.3 mm	
AYPC.F50.3328	Profile article	Central moments of inertia		AYPC.F50.3329	Profile article	Central moments of inertia	
2.160 kg	Estimated weight 1 l.m.	Jx=125.45 cm ⁴	Jy=14.31 cm ⁴	2.574 kg	Estimated weight 1 l.m.	Jx=193.5 cm ⁴	Jy=16.86 cm ⁴
359.9 mm	External perimeter	Moments of resistance		399.9 mm	External perimeter	Moments of resistance	
8.0 cm ²	Cross-sectional area	Wx=21.04 cm ³	Wy=6.53 cm ³	9.53 cm ²	Cross-sectional area	Wx=27.16 cm ³	Wy=7.70 cm ³
		Radius of inertia				Radius of inertia	
		ix=3.96 cm	iy=1.34 cm			ix=4.50 cm	iy=1.33 cm



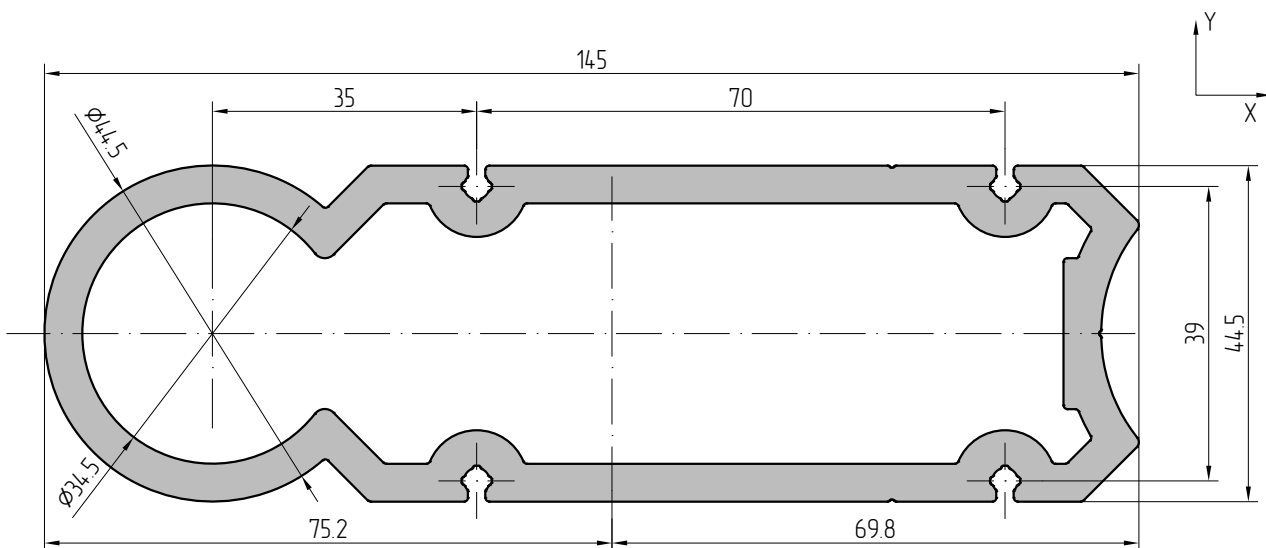
Scale 1:1		Reinforcing profile 1513 mm		Scale 1:1		Reinforcing profile 1663 mm	
AYPC.F50.3330	Profile article	Central moments of inertia		AYPC.F50.3331	Profile article	Central moments of inertia	
2.753 kg	Estimated weight 1 l.m.	Jx=256.39 cm ⁴	Jy=18.25 cm ⁴	2.931 kg	Estimated weight 1 l.m.	Jx=330.69 cm ⁴	Jy=19.64 cm ⁴
429.9 mm	External perimeter	Moments of resistance		459.9 mm	External perimeter	Moments of resistance	
10.19 cm ²	Cross-sectional area	Wx=32.34 cm ³	Wy=8.33 cm ³	10.85 cm ²	Cross-sectional area	Wx=37.89 cm ³	Wy=8.97 cm ³
		Radius of inertia				Radius of inertia	
		ix=5.01 cm	iy=1.34 cm			ix=5.52 cm	iy=1.35 cm



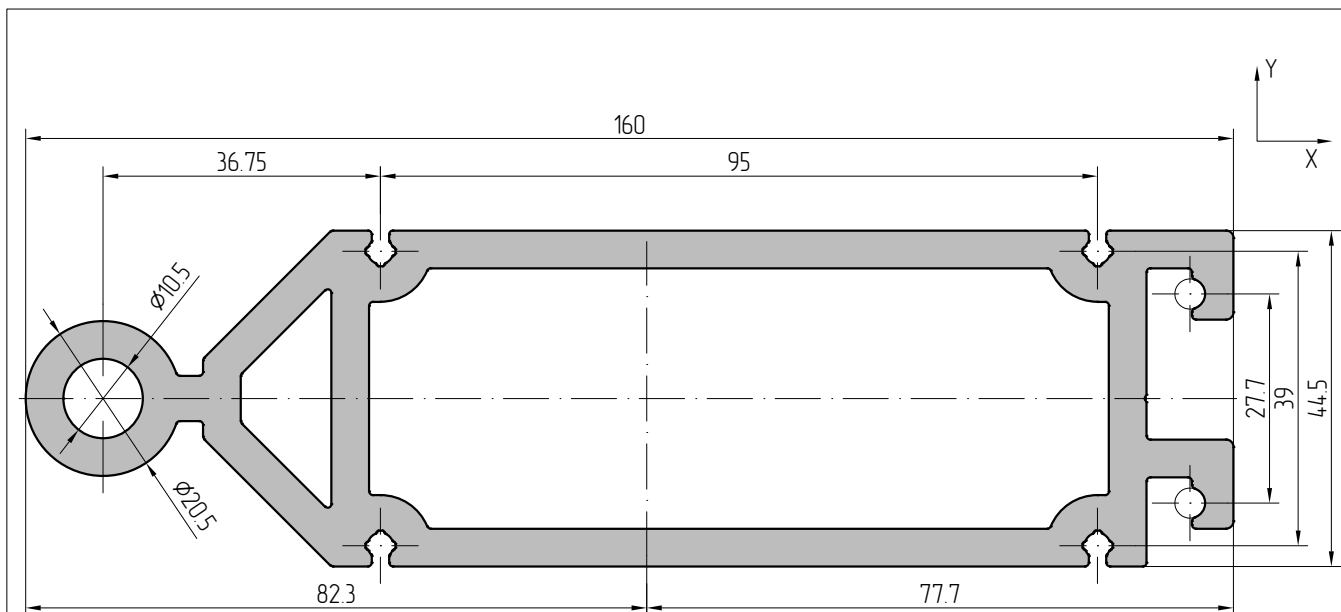
Scale 1:1		Reinforcing profile 1813 mm	
AYPC.F50.3332	Profile article	Central moments of inertia	
3.109 kg	Estimated weight 1 l.m.	Jx=417.16 cm ⁴	Jy=2103 cm ⁴
489.9 mm	External perimeter	Moments of resistance	
1151 cm ²	Cross-sectional area	Wx=43.81 cm ³	Wy=9.60 cm ³
		Radius of inertia	
		ix=6.02 cm	iy=1.35 cm



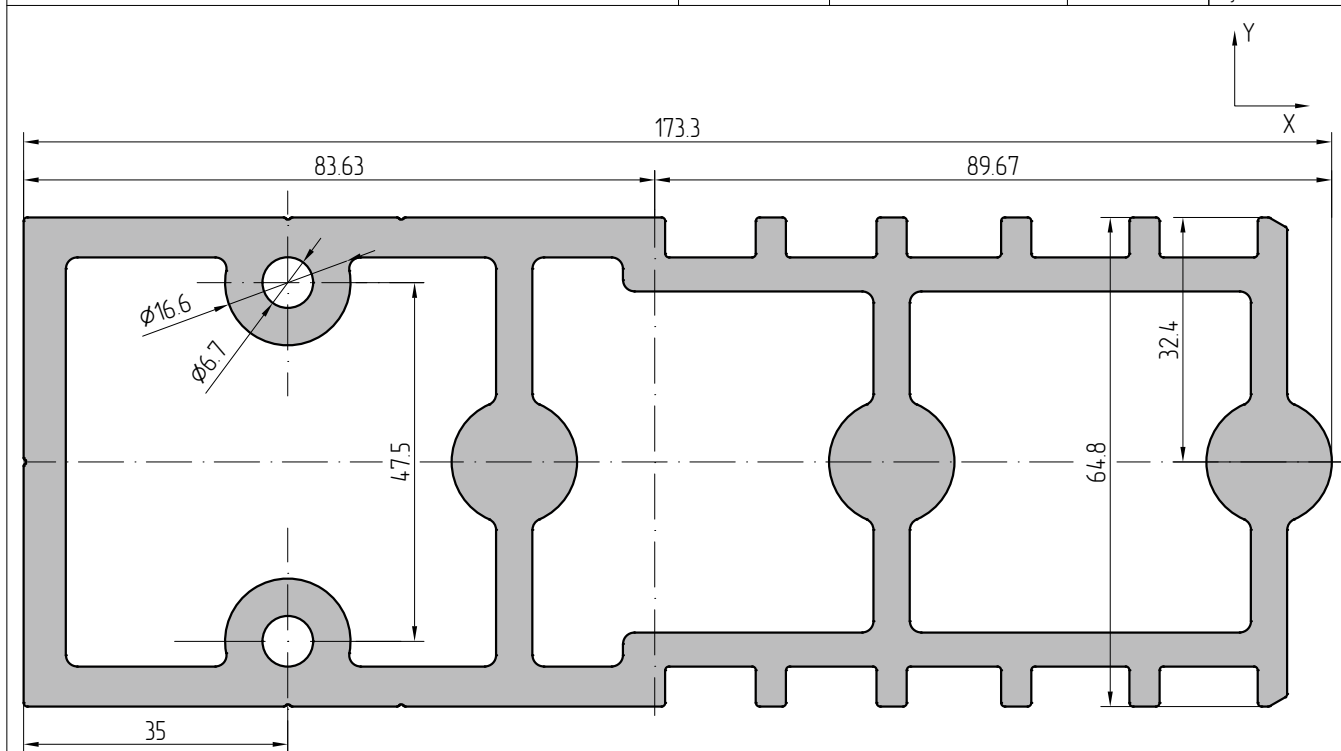
Scale 11		Junction profile for transom	
AYPC.F50.0407	Profile article	Central moments of inertia	
2.250 kg	Estimated weight 1 Lm.	$J_x=27.85 \text{ cm}^4$	$J_y=46.22 \text{ cm}^4$
403.7 mm	External perimeter	Moments of resistance	
8.334 cm ²	Cross-sectional area	$W_x=6.3 \text{ cm}^3$	$W_y=20.8 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.83 \text{ cm}$	$i_y=2.35 \text{ cm}$



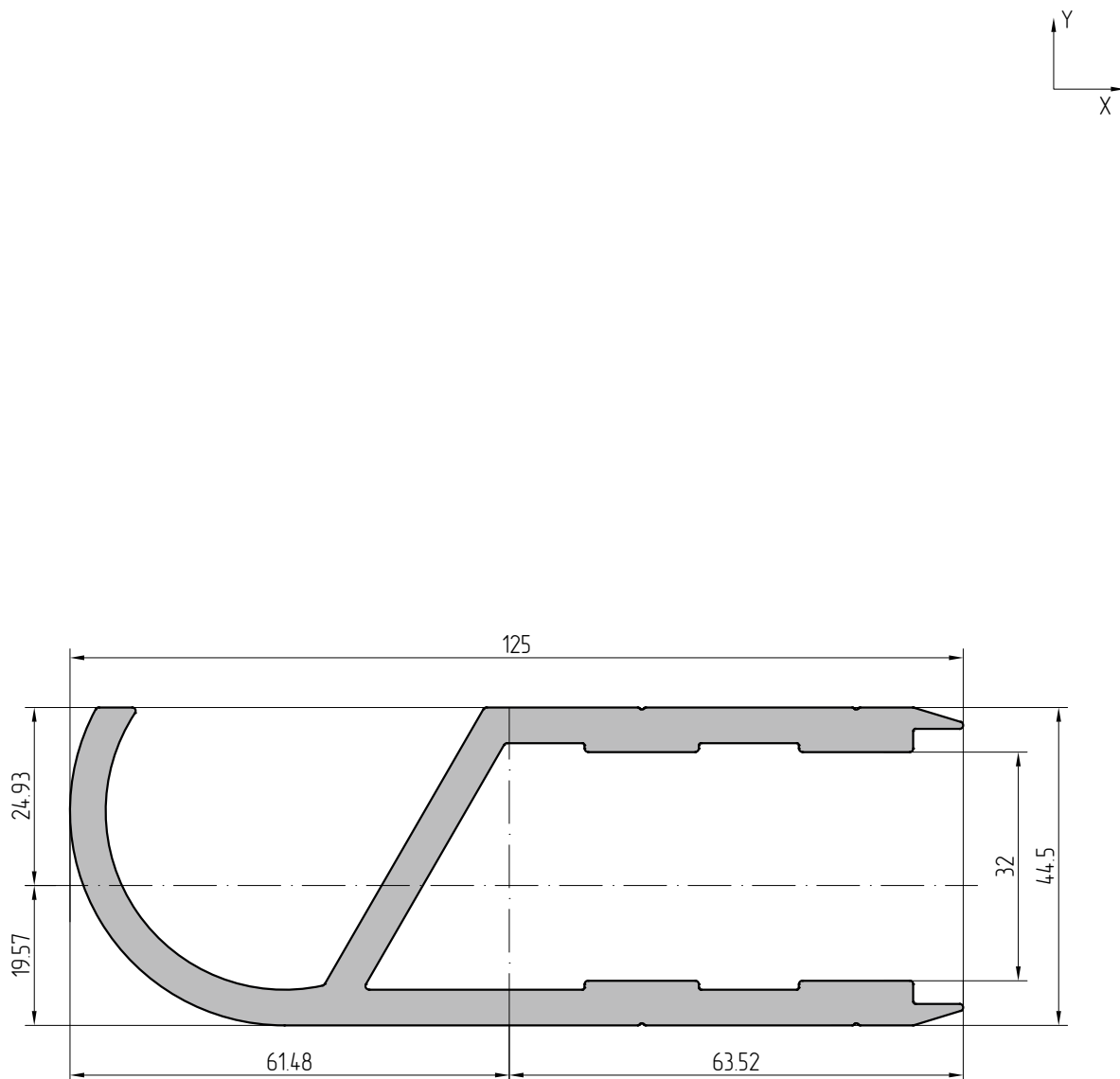
Scale 11		Junction profile for mullion break	
AYPC.F50.0408	Profile article	Central moments of inertia	
5.006 kg	Estimated weight 1 Lm.	$J_x=55.62 \text{ cm}^4$	$J_y=383.37 \text{ cm}^4$
399.3 mm	External perimeter	Moments of resistance	
18.541 cm ²	Cross-sectional area	$W_x=25.00 \text{ cm}^3$	$W_y=50.98 \text{ cm}^3$
		Radius of inertia	
		$i_x=1.73 \text{ cm}$	$i_y=4.55 \text{ cm}$



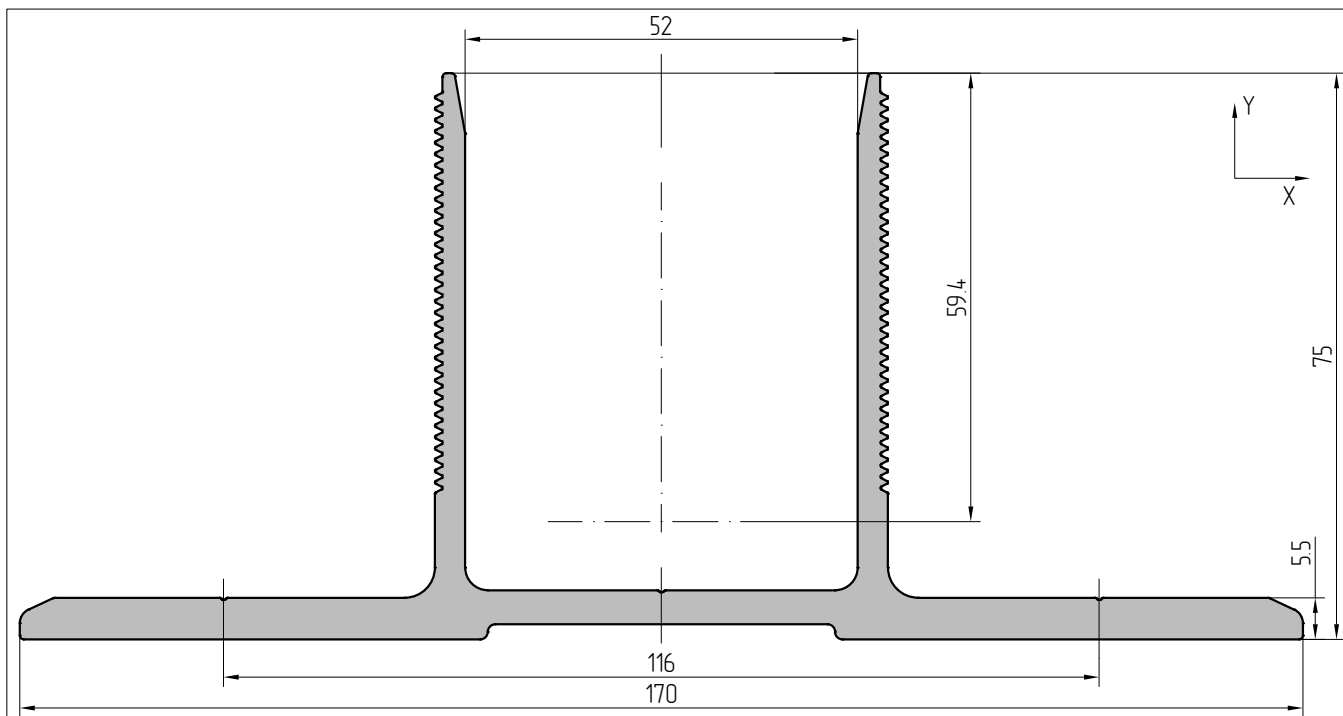
Scale 11		Junction profile for mullion break	
AYPC.F50.0406	Profile article	Central moments of inertia	
5.862 kg	Estimated weight 1 l.m.	Jx=54.18 cm ⁴	Jy=522.96 cm ⁴
488.7 mm	External perimeter	Moments of resistance	
21.711 cm ²	Cross-sectional area	Wx=24.35 cm ³	Wy=63.54 cm ³
		Radius of inertia	
		ix=1.58 cm	iy=4.91 cm



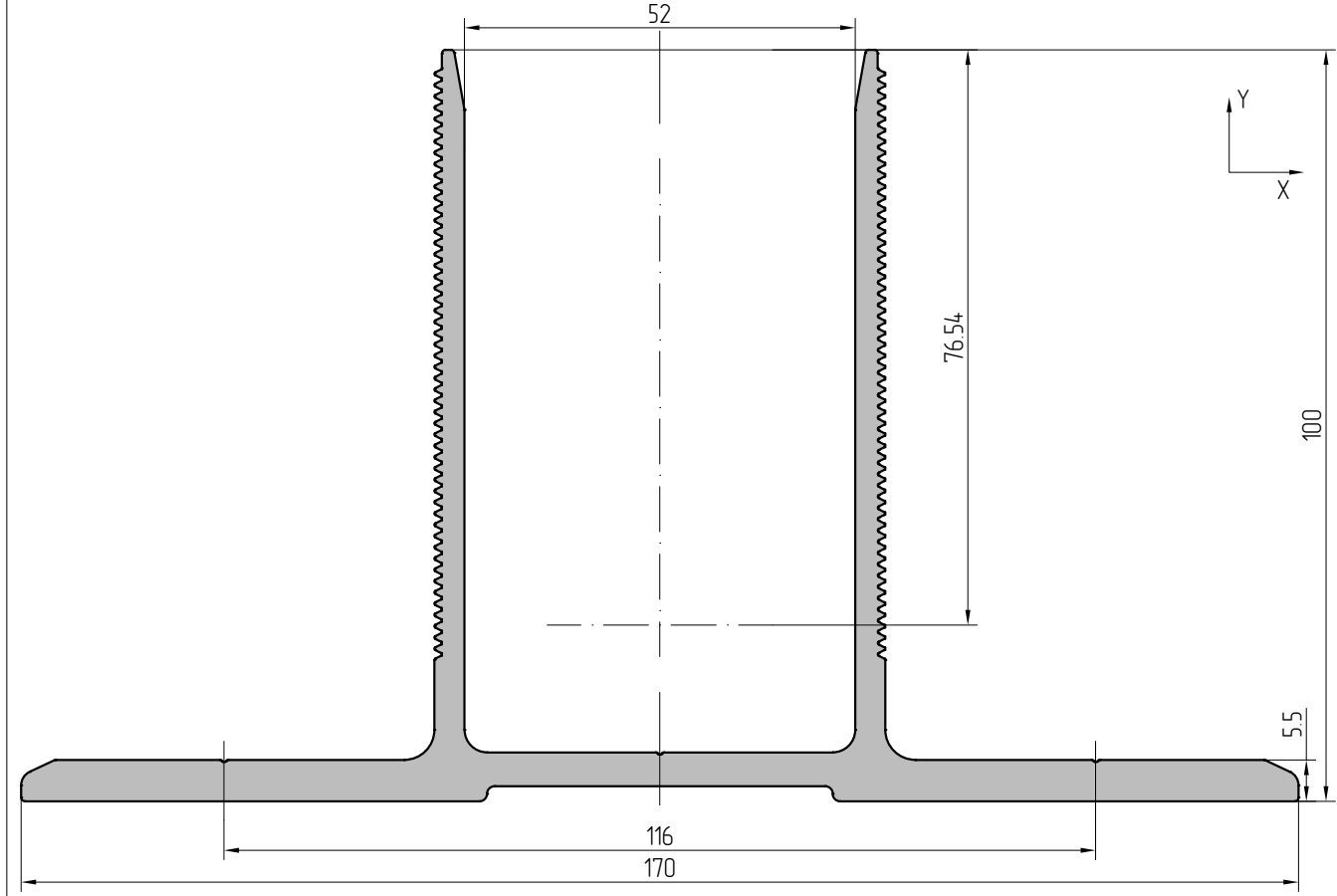
Scale 11		Junction profile	
AYPC.F50.0421	Profile article	Central moments of inertia	
9.692 kg	Estimated weight 1 l.m.	Jx=181.62 cm ⁴	Jy=987.67 cm ⁴
565.0 mm	External perimeter	Moments of resistance	
35.764 cm ²	Cross-sectional area	Wx=56.06 cm ³	Wy=110.15 cm ³
		Radius of inertia	
		ix=2.25 cm	iy=5.26 cm



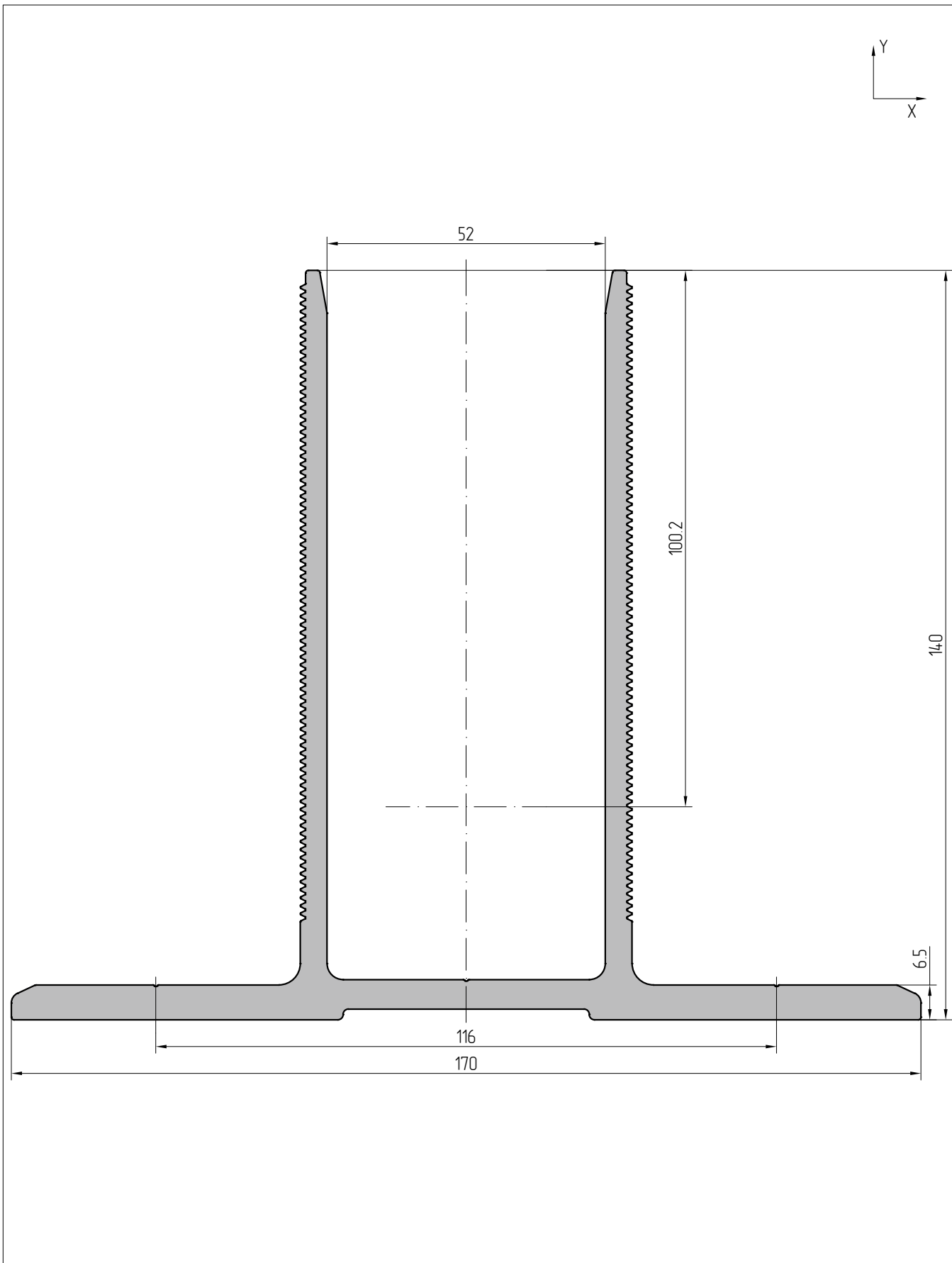
Scale 1:1		Junction profile for transom	
AYPC.F50.6005	Profile article	Central moments of inertia	
3.634 kg	Estimated weight 1 l.m.	Jx=39.15 cm ⁴	Jy=168.94 cm ⁴
535.4 mm	External perimeter	Moments of resistance	
13.458 cm ²	Cross-sectional area	Wx=15.70 cm ³	Wy=26.60 cm ³
		Radius of inertia	
		ix=1.70 cm	iy=3.54 cm



Scale 11		Bracket profile 170x75 mm	
AYPC.150.0306	Profile article	Central moments of inertia	
3.729 kg	Estimated weight 1 L.m.	Jx=58.77 cm ⁴	Jy=256.18 cm ⁴
694.7 mm	External perimeter	Moments of resistance	
13.812 cm ²	Cross-sectional area	Wx=9.89 cm ³	Wy=30.14 cm ³



Scale 11		Bracket profile 170x100 mm	
AYPC.150.0307	Profile article	Central moments of inertia	
4.200 kg	Estimated weight 1 L.m.	Jx=135.65 cm ⁴	Jy=269.64 cm ⁴
833.2 mm	External perimeter	Moments of resistance	
15.556 cm ²	Cross-sectional area	Wx=17.97 cm ³	Wy=31.72 cm ³



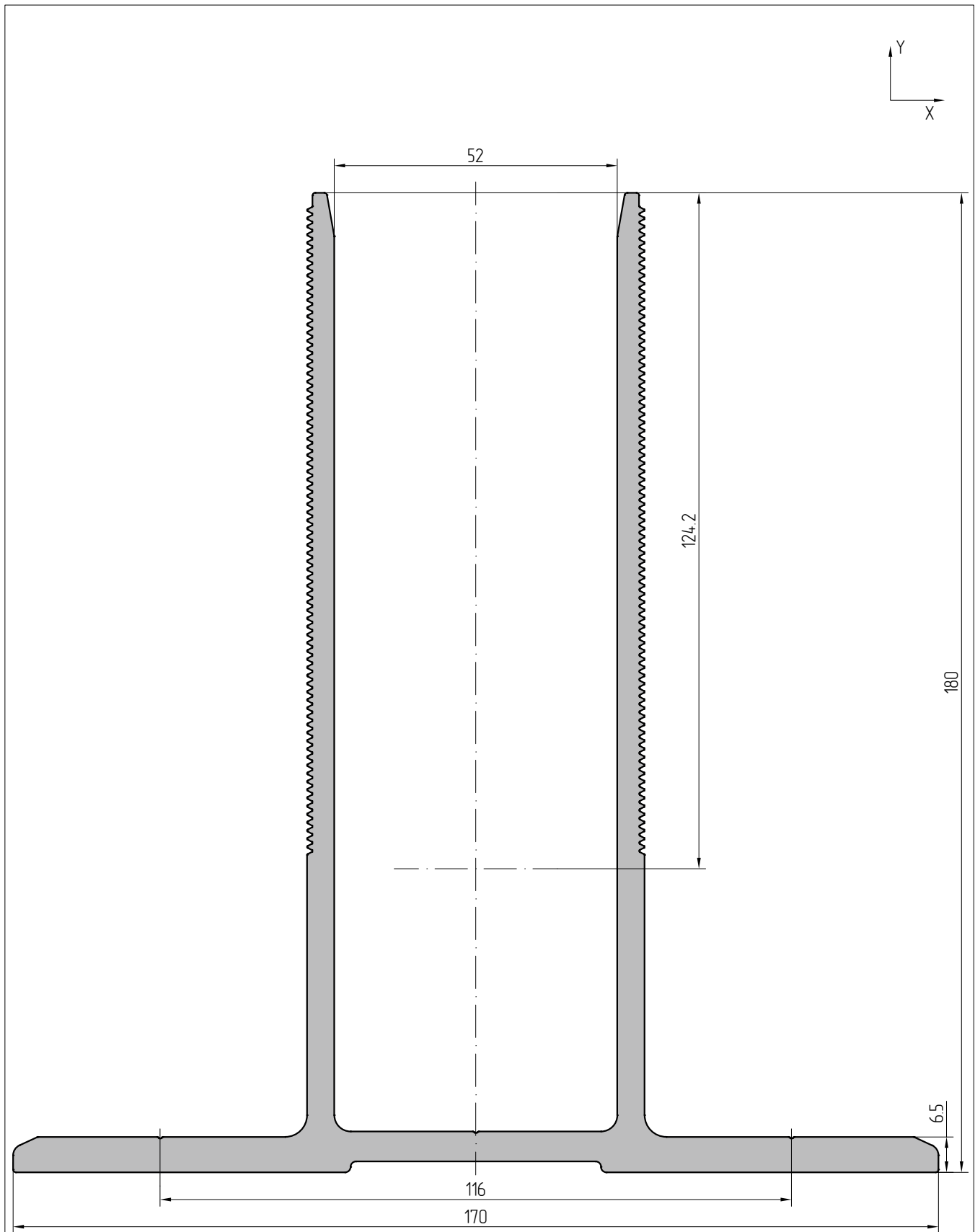
ALT F50

ALT F50 TT

ALT F50 HC

Scale 1:1	Bracket profile 170x140 mm		
AYPC.150.0308	Profile article	Central moments of inertia	
6.112 kg	Estimated weight 1 L.m.	$J_x=439.93 \text{ cm}^4$	$J_y=355.65 \text{ cm}^4$
1052.4 mm	External perimeter	Moments of resistance	
22.639 cm ²	Cross-sectional area	$W_x=43.91 \text{ cm}^3$	$W_y=41.84 \text{ cm}^3$

ALT SKL50



Scale 1:1	Bracket profile 170x180 mm		
AYPC.150.0309	Profile article	Central moments of inertia	
7.193 kg	Estimated weight 1 L.m.	Jx=883.86 cm ⁴	Jy=388.22 cm ⁴
1212.4 mm	External perimeter	Moments of resistance	
26.639 cm ²	Cross-sectional area	Wx=71.16 cm ³	Wy=45.67 cm ³



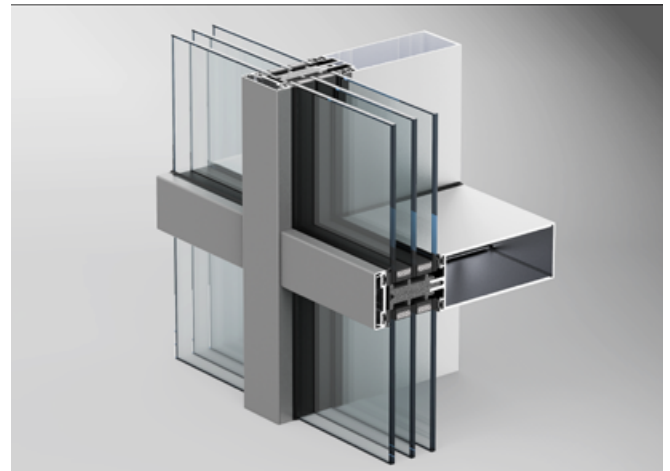
ALUTECH
ALUMINIUM
PROFILE SYSTEMS

ALT F50

CURTAIN WALL SYSTEM

System description02.01.01
Glazing table	02.02.01
Sections and junctions	02.03.01
Machining and assembly	
Ventilation and moisture drainage.	02.04.01
Assembly and installation	02.04.13
Fabrication details02.04.152

ALT F50 system is designed for manufacturing of light suspended and infill wall partitions, as well as for the manufacturing of inclined translucent coatings, lanterns, domes, winter gardens and other spatial structures.



The frame of the supporting structure consists of vertical (mullions) and horizontal (transoms) elements with a visible width of 50 mm. ALT F50 facade system provides several ways to connect mullions and transoms:

- with overlap of 6 mm (without groove sampling in the mullion);
- milling with overlap of 6 mm (with groove sampling in the mullion).

Designers and architects can choose proper bearing elements depending on the architectural peculiarities of the building and load on construction. So, ALT F50 series provides a wide range of mullions and transoms. In addition, at particularly high loads, all mullions and transoms can be reinforced. A large number of transom profiles allows, if necessary, to install a transom of the same size as the mullion – this is convenient when mounting at the junction of the structure to the ceilings of the building or when installing automatic sliding doors in the facade structure.

Horizontal changes in the dimensions of structural elements under the influence of temperature fluctuations can be balanced by means of specialized thermal compensation mullions, as well as with special processing of transoms and decorative end caps, foamed EPDM cuffs that gently hide the joining areas of mullions and transoms. Vertical changes in the dimensions of the structural elements are offset by the mutual (telescopic) connection of two mullions with the use of a joining profile.

In order to obtain the necessary thermal, physical and sound insulation properties of the building structure, ALT F50 system provides a set of thermal inserts (thermal insulators) made of hard impact-resistant polyvinyl chloride (PVC-U-HI) with high thermal insulation parameters, a set of sealing gaskets based on ethylene propylene rubbers (EPDM) and seam sealings of glass units made of foamed materials. Due to the optimal combination of these components, the following thermal insulation values of the joint solution are achieved (according to DIN 4108-4):

- when installing an infill unit with a thickness of 38 mm using a PVC-U-HI thermal insert, the heat transfer coefficient is $U_f = 1.9 \text{ W}/(\text{m} \cdot \text{K})$;
- when installing an infill unit with a thickness of 62 mm using a AYPC.F50.0914 seam seal made of foamed material, a heat transfer coefficient $U_f = 0.59 \text{ W}/(\text{m} \cdot \text{K})$ is achieved.

The use of these thermal inserts and seals allows to install infill units (glass, glass units, heat-insulated panels, etc.) with

a thickness of 4 to 68 mm. Glazing, as well as the installation of panels or window blocks, are carried out outside of the building. The infill unit is fixed with clamp bars, which in their turn, are fastened with stainless steel screws (class A2 or higher) to the supporting profiles with an increment of no more than 250 mm. From the outside, the clamp bars are closed with decorative caps of various configurations, the caps can be painted in any color according to the RAL scale or anodized or decorated. At the same time, the facade can be two-colored – the internal elements of the facade (mullions and transoms) are painted in one color, and the external elements (decorative caps) in another one.

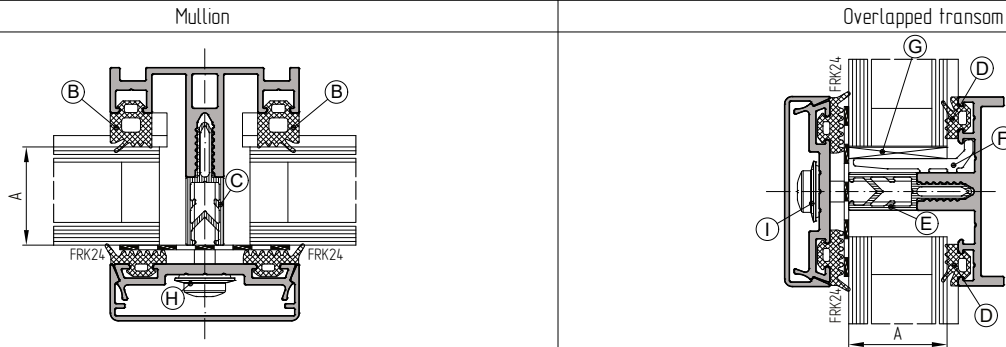
All mullion and transom profiles in the infill unit installation area have grooves that serve to drain condensate and ventilate the glass unit rebate area.

All fastening elements should be made of stainless steel (class not lower than A2), which eliminates the process of corrosion and ensures a long service life of translucent structures without loss of strength parameters.

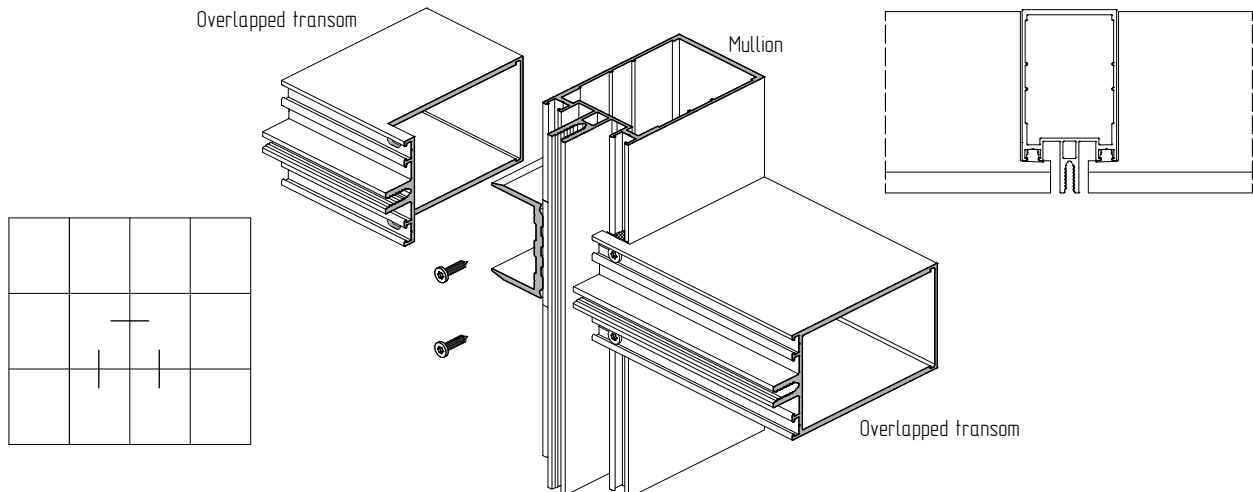
Windows and doors of any type of opening can be installed in the facade structure.

Static and strength calculation of each specific facade design is carried out during its design. All profile inertial characteristics required for calculations are given in this catalogue.

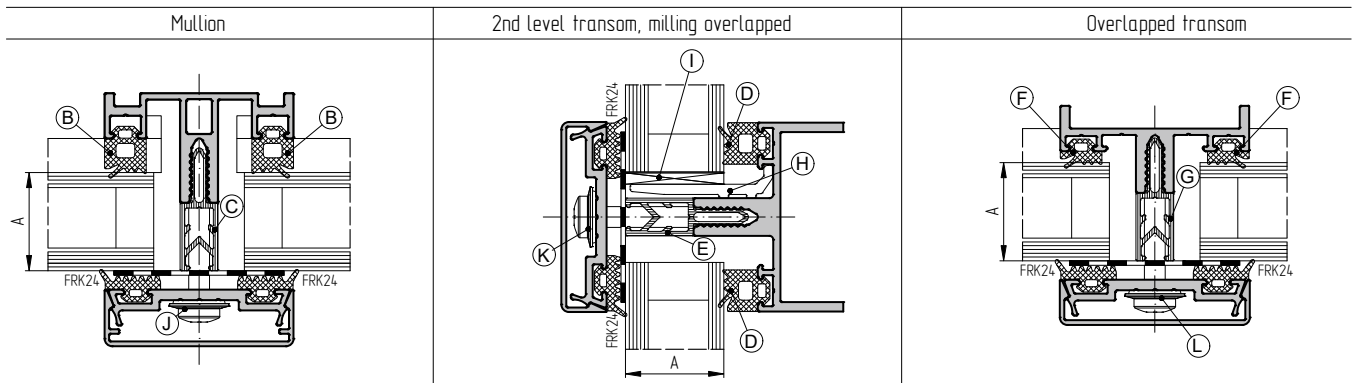
Facade glazing depending on the type of profile connection



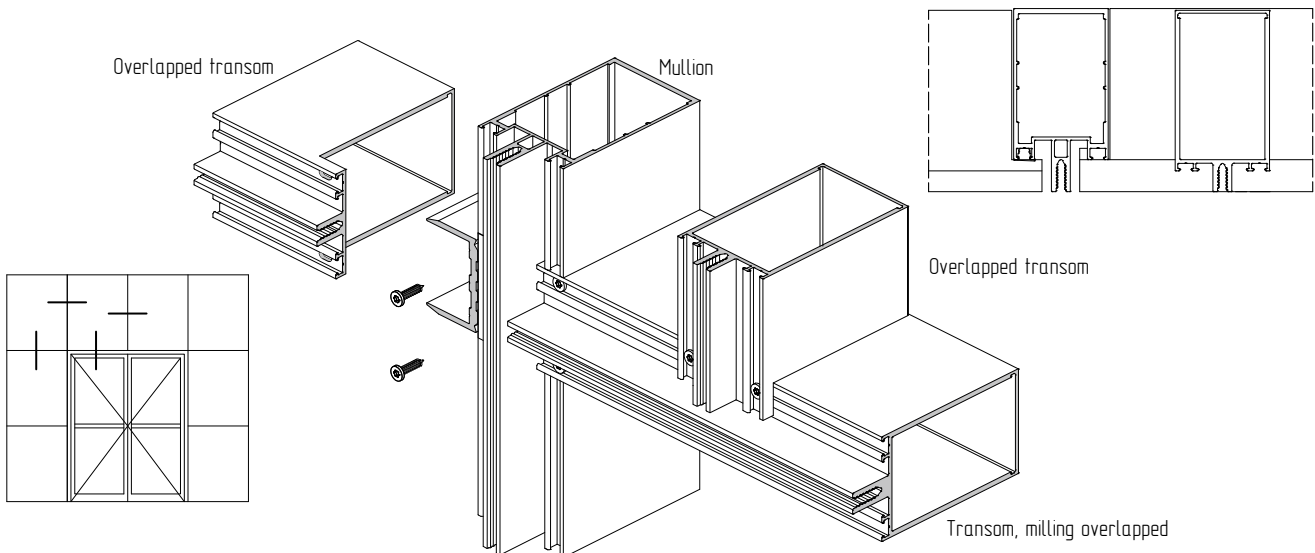
Infill unit thickness	Mullion gasket	Mullion thermal break	Overlapped transom gasket	Overlapped transom thermal break	Glass support			Self-tapp screw Ø5,5-A2ISO14585
					bearing	leveling		
A	B	C	D	E	F	G		H/I
4 mm	FRK19	-	FRK16	-	AYPC.F50.0940	AYPC.110.0901=1 mm		5,5x22/5,5x22
5 mm/6 mm	FRK18	-	FRK15	-	AYPC.F50.0940	AYPC.110.0902=2 mm		5,5x22/5,5x22
8 mm	FRK17	-	FRK14	-	AYPC.F50.0940	AYPC.110.0903=3 mm		5,5x22/5,5x22
22 mm	FRK19	AYPC.F50.0905 AYPC.F50.0908	FRK16	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	5,5x38/5,5x38
24 mm	FRK18	AYPC.F50.0905 AYPC.F50.0908	FRK15	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	5,5x38/5,5x38
26 mm	FRK17	AYPC.F50.0905 AYPC.F50.0908	FRK14	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	5,5x38/5,5x38
28 mm	FRK19	AYPC.F50.0906 AYPC.F50.0909	FRK16	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	5,5x45/5,5x45
30 mm	FRK18	AYPC.F50.0906 AYPC.F50.0909	FRK15	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	5,5x45/5,5x45
32 mm	FRK17	AYPC.F50.0906 AYPC.F50.0909	FRK14	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	5,5x45/5,5x45
34 mm	FRK19	AYPC.F50.0907 AYPC.F50.0910	FRK16	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	5,5x55/5,5x55
36 mm	FRK18	AYPC.F50.0907 AYPC.F50.0910	FRK15	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	5,5x55/5,5x55
38 mm	FRK17	AYPC.F50.0907 AYPC.F50.0910	FRK14	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	5,5x55/5,5x55
40 mm	FRK19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	5,5x60/5,5x60
42 mm	FRK18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	5,5x60/5,5x60
44 mm	FRK17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	5,5x60/5,5x60
46 mm	FRK19	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	5,5x65/5,5x65
48 mm	FRK18	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	5,5x65/5,5x65
50 mm	FRK17	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	5,5x65/5,5x65
52 mm	FRK19	AYPC.F50.0913/AYPC.F50.0913-01	FRK16	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	5,5x70/5,5x70
54 mm	FRK18	AYPC.F50.0913/AYPC.F50.0913-01	FRK15	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	5,5x70/5,5x70
56 mm	FRK17	AYPC.F50.0913/AYPC.F50.0913-01	FRK14	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	5,5x70/5,5x70
58 mm	FRK19	AYPC.F50.0914/AYPC.F50.0914-01	FRK16	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	5,5x75/5,5x75
60 mm	FRK18	AYPC.F50.0914/AYPC.F50.0914-01	FRK15	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	5,5x75/5,5x75
62 mm	FRK17	AYPC.F50.0914/AYPC.F50.0914-01	FRK14	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	5,5x75/5,5x75
64 mm	FRK19	AYPC.F50.0907+AYPC.F50.1927	FRK16	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	5,5x80/5,5x80
66 mm	FRK18	AYPC.F50.0907+AYPC.F50.1927	FRK15	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	5,5x80/5,5x80
68 mm	FRK17	AYPC.F50.0907+AYPC.F50.1927	FRK14	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	5,5x80/5,5x80
70 mm	FRK19	AYPC.F50.0915+AYPC.F50.1927	FRK16	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74	x1 x2 x3	5,5x90/5,5x90
72 mm	FRK18	AYPC.F50.0915+AYPC.F50.1927	FRK15	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74	x1 x2 x3	5,5x90/5,5x90
74 mm	FRK17	AYPC.F50.0915+AYPC.F50.1927	FRK14	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74	x1 x2 x3	5,5x90/5,5x90



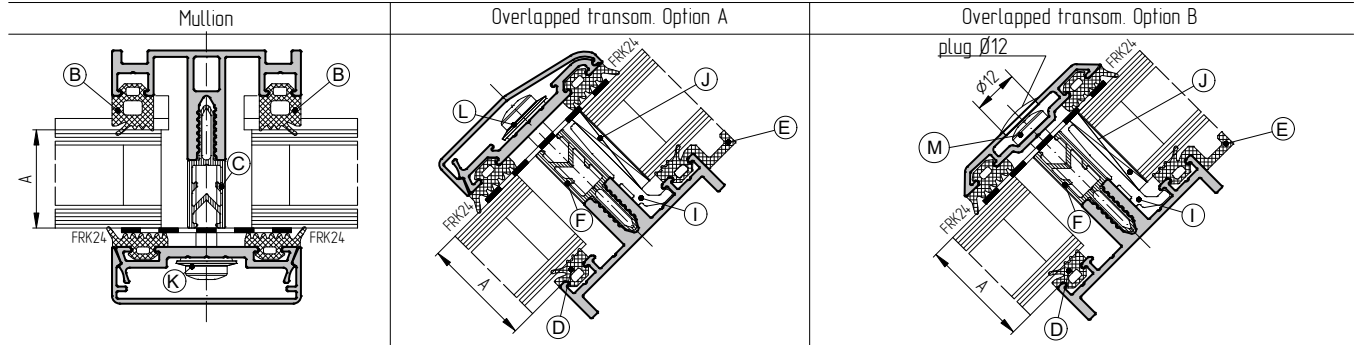
Facade glazing depending on the type of profile connection



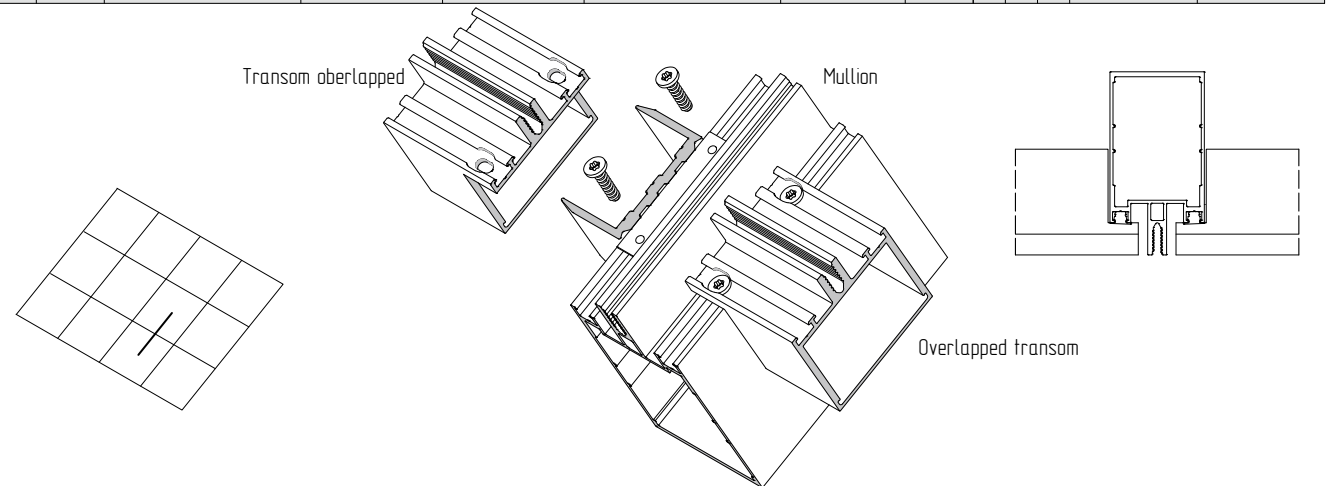
Infill unit thickness	Mullion gasket	Mullion thermal break	Gasket on the 2nd level transom milling overlapp.	Thermal break on the 2nd level transom milling overlapped	Gasket on the transom overlapp.	Thermal break on the transom overlapp.	Glass support			Self-tapp. screw Ø5,5-A2IS014585
							bearing	leveling		
A	B	C	D	E	F	G	H	I	J/K/L	
4 mm	FRK19	-	FRK19	-	FRK16	-	AYPC F50.0940-01	AYPC.110.0901=1 mm	x22/x22/x22	
5 mm/ 6 mm	FRK18	-	FRK18	-	FRK15	-	AYPC F50.0940-01	AYPC.110.0902=2 mm	x22/x22/x22	
8 mm	FRK17	-	FRK17	-	FRK14	-	AYPC F50.0940-01	AYPC.110.0903=3 mm	x22/x22/x22	
22 mm	FRK19	AYPC F50.0905 AYPC F50.0908	FRK19	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0944-01	100x32 x1 x2 x3	x38/x38/x38	
24 mm	FRK18	AYPC F50.0905 AYPC F50.0908	FRK18	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0944-01	100x32 x1 x2 x3	x38/x38/x38	
26 mm	FRK17	AYPC F50.0905 AYPC F50.0908	FRK17	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0944-01	100x32 x1 x2 x3	x38/x38/x38	
28 mm	FRK19	AYPC F50.0906 AYPC F50.0909	FRK19	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0944-02	100x38 x1 x2 x3	x45/x45/x45	
30 mm	FRK18	AYPC F50.0906 AYPC F50.0909	FRK18	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0944-02	100x38 x1 x2 x3	x45/x45/x45	
32 mm	FRK17	AYPC F50.0906 AYPC F50.0909	FRK17	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0944-02	100x38 x1 x2 x3	x45/x45/x45	
34 mm	FRK19	AYPC F50.0907 AYPC F50.0910	FRK19	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0952	100x44 x1 x2 x3	x55/x55/x55	
36 mm	FRK18	AYPC F50.0907 AYPC F50.0910	FRK18	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0952	100x44 x1 x2 x3	x55/x55/x55	
38 mm	FRK17	AYPC F50.0907 AYPC F50.0910	FRK17	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0952	100x44 x1 x2 x3	x55/x55/x55	
40 mm	FRK19	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	FRK19	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	FRK16	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	AYPC F50.0952-01	100x50 x1 x2 x3	x60/x60/x60	
42 mm	FRK18	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	FRK18	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	FRK15	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	AYPC F50.0952-01	100x50 x1 x2 x3	x60/x60/x60	
44 mm	FRK17	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	FRK17	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	FRK14	AYPC F50.0915 AYPC F50.0911/AYPC F50.0911-01	AYPC F50.0952-01	100x50 x1 x2 x3	x60/x60/x60	
46 mm	FRK19	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	FRK19	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	FRK16	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	AYPC F50.0952-02	100x56 x1 x2 x3	x65/x65/x65	
48 mm	FRK18	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	FRK18	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	FRK15	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	AYPC F50.0952-02	100x56 x1 x2 x3	x65/x65/x65	
50 mm	FRK17	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	FRK17	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	FRK14	AYPC F50.0916 AYPC F50.0912/AYPC F50.0912-01	AYPC F50.0952-02	100x56 x1 x2 x3	x65/x65/x65	
52 mm	FRK19	AYPC F50.0913/AYPC F50.0913-01	FRK19	AYPC F50.0913/AYPC F50.0913-01	FRK16	AYPC F50.0913/AYPC F50.0913-01	AYPC F50.0952-03	100x62 x1 x2 x3	x70/x70/x70	
54 mm	FRK18	AYPC F50.0913/AYPC F50.0913-01	FRK18	AYPC F50.0913/AYPC F50.0913-01	FRK15	AYPC F50.0913/AYPC F50.0913-01	AYPC F50.0952-03	100x62 x1 x2 x3	x70/x70/x70	
56 mm	FRK17	AYPC F50.0913/AYPC F50.0913-01	FRK17	AYPC F50.0913/AYPC F50.0913-01	FRK14	AYPC F50.0913/AYPC F50.0913-01	AYPC F50.0952-03	100x62 x1 x2 x3	x70/x70/x70	
58 mm	FRK19	AYPC F50.0914/AYPC F50.0914-01	FRK19	AYPC F50.0914/AYPC F50.0914-01	FRK16	AYPC F50.0914/AYPC F50.0914-01	AYPC F50.0952-04	100x68 x1 x2 x3	x75/x75/x75	
60 mm	FRK18	AYPC F50.0914/AYPC F50.0914-01	FRK18	AYPC F50.0914/AYPC F50.0914-01	FRK15	AYPC F50.0914/AYPC F50.0914-01	AYPC F50.0952-04	100x68 x1 x2 x3	x75/x75/x75	
62 mm	FRK17	AYPC F50.0914/AYPC F50.0914-01	FRK17	AYPC F50.0914/AYPC F50.0914-01	FRK14	AYPC F50.0914/AYPC F50.0914-01	AYPC F50.0952-04	100x68 x1 x2 x3	x75/x75/x75	



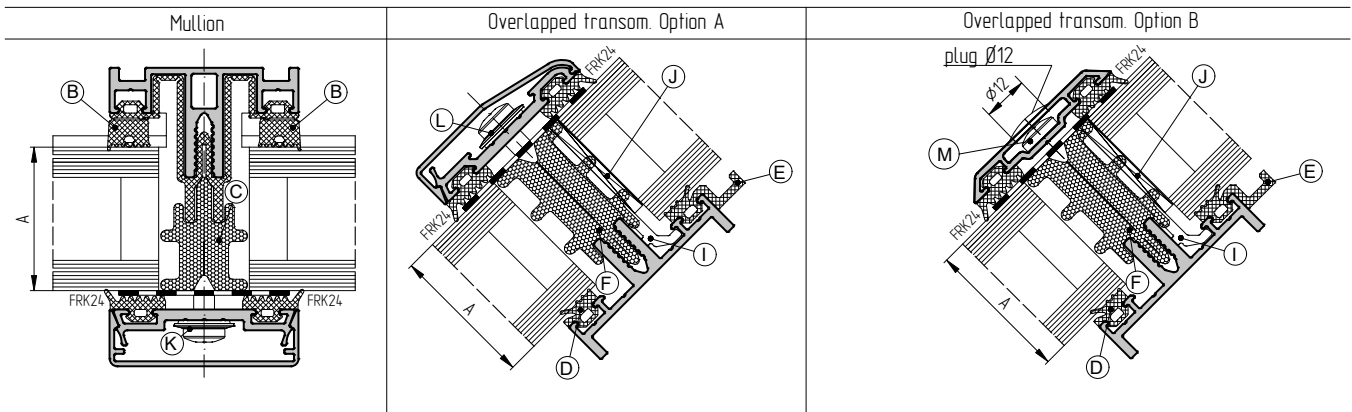
Facade glazing for inclined surfaces



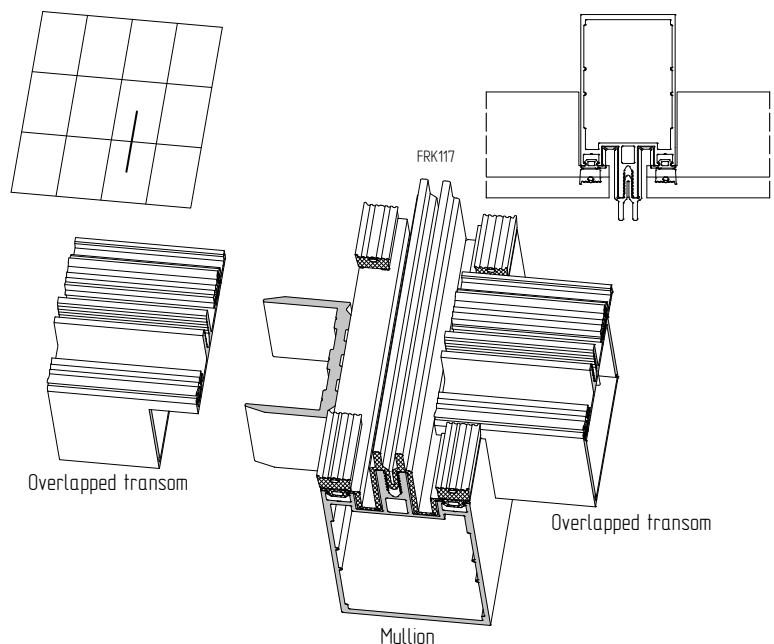
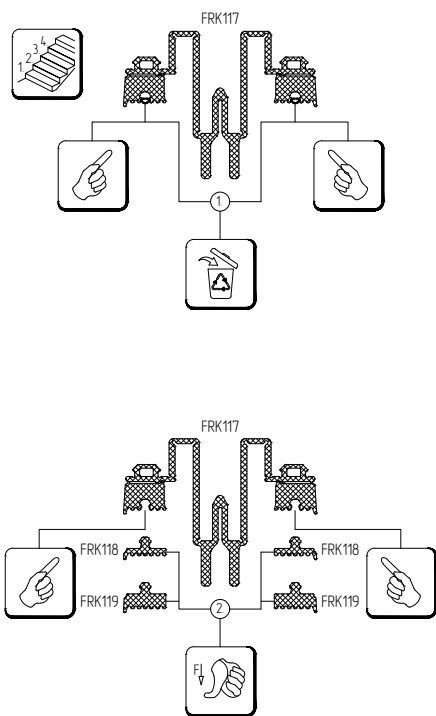
Infill unit thickn.	Mullion gasket	Mullion thermal break	Overlapped transom gasket Option A	Overlapped transom gasket Option B	Overlapped transom thermal break	Glass support		Option A Self-tapp screw $\phi 5,5-A2ISO14585$	Option B Self-tapp screw $\phi 5,5-A2ISO14585$
						bearing	leveling		
AA	B	C	D/E	D/E	F	I	J	K/L	K/ M
4 mm	FRK19	-	FRK16/FRK22	FRK16/FRK22	-	AYPC F50 0940	AYPC 110.0901=1 mm	x22/x22	x22/x19
5 mm/ 6 mm	FRK18	-	FRK15/FRK21	FRK15/FRK21	-	AYPC F50 0940	AYPC 110.0902=2 mm	x22/x22	x22/x19
8 mm	FRK17	-	FRK14/FRK20	FRK14/FRK20	-	AYPC F50 0940	AYPC 110.0903=3 mm	x22/x22	x22/x19
22 mm	FRK19	AYPC F50 0905 AYPC F50 0908	FRK16/FRK22	FRK16/FRK22	AYPC F50 0905 AYPC F50 0908	AYPC F50 0941	100x26 x1 x2 x3	x38/x38	x38/x32
24 mm	FRK18	AYPC F50 0905 AYPC F50 0908	FRK15/FRK21	FRK15/FRK21	AYPC F50 0905 AYPC F50 0908	AYPC F50 0941	100x26 x1 x2 x3	x38/x38	x38/x32
26 mm	FRK17	AYPC F50 0905 AYPC F50 0908	FRK14/FRK20	FRK14/FRK20	AYPC F50 0905 AYPC F50 0908	AYPC F50 0941	100x26 x1 x2 x3	x38/x38	x38/x32
28 mm	FRK19	AYPC F50 0906 AYPC F50 0909	FRK16/FRK22	FRK16/FRK22	AYPC F50 0906 AYPC F50 0909	AYPC F50 0941-01 AYPC F50 9971	100x32 x1 x2 x3	x45/x45	x45/x38
30 mm	FRK18	AYPC F50 0906 AYPC F50 0909	FRK15/FRK21	FRK15/FRK21	AYPC F50 0906 AYPC F50 0909	AYPC F50 0941-01 AYPC F50 9971	100x32 x1 x2 x3	x45/x45	x45/x38
32 mm	FRK17	AYPC F50 0906 AYPC F50 0909	FRK14/FRK20	FRK14/FRK20	AYPC F50 0906 AYPC F50 0909	AYPC F50 0941-01 AYPC F50 9971	100x32 x1 x2 x3	x45/x45	x45/x38
34 mm	FRK19	AYPC F50 0907 AYPC F50 0910	FRK16/FRK22	FRK16/FRK22	AYPC F50 0907 AYPC F50 0910	AYPC F50 0941-02 AYPC F50 9972	100x38 x1 x2 x3	x55/x55	x55/x45
36 mm	FRK18	AYPC F50 0907 AYPC F50 0910	FRK15/FRK21	FRK15/FRK21	AYPC F50 0907 AYPC F50 0910	AYPC F50 0941-02 AYPC F50 9972	100x38 x1 x2 x3	x55/x55	x55/x45
38 mm	FRK17	AYPC F50 0907 AYPC F50 0910	FRK14/FRK20	FRK14/FRK20	AYPC F50 0907 AYPC F50 0910	AYPC F50 0941-02 AYPC F50 9972	100x38 x1 x2 x3	x55/x55	x55/x45
40 mm	FRK19	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	FRK16/FRK22	FRK16/FRK22	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	AYPC F50 0952 AYPC F50 9973	100x44 x1 x2 x3	x60/x60	x60/x55
42 mm	FRK18	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	FRK15/FRK21	FRK15/FRK21	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	AYPC F50 0952 AYPC F50 9973	100x44 x1 x2 x3	x60/x60	x60/x55
44 mm	FRK17	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	FRK14/FRK20	FRK14/FRK20	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	AYPC F50 0952 AYPC F50 9973	100x44 x1 x2 x3	x60/x60	x60/x55
46 mm	FRK19	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	FRK16/FRK22	FRK16/FRK22	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	AYPC F50 0952-01 AYPC F50 9974	100x50 x1 x2 x3	x65/x65	x65/x60
48 mm	FRK18	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	FRK15/FRK21	FRK15/FRK21	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	AYPC F50 0952-01 AYPC F50 9974	100x50 x1 x2 x3	x65/x65	x65/x60
50 mm	FRK17	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	FRK14/FRK20	FRK14/FRK20	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	AYPC F50 0952-01 AYPC F50 9974	100x50 x1 x2 x3	x65/x65	x65/x60
52 mm	FRK19	AYPC F50 0913/AYPC F50 0913-01	FRK16/FRK22	FRK16/FRK22	AYPC F50 0913/AYPC F50 0913-01	AYPC F50 0952-02 AYPC F50 9975	100x56 x1 x2 x3	x70/x70	x70/x65
54 mm	FRK18	AYPC F50 0913/AYPC F50 0913-01	FRK15/FRK21	FRK15/FRK21	AYPC F50 0913/AYPC F50 0913-01	AYPC F50 0952-02 AYPC F50 9975	100x56 x1 x2 x3	x70/x70	x70/x65
56 mm	FRK17	AYPC F50 0913/AYPC F50 0913-01	FRK14/FRK20	FRK14/FRK20	AYPC F50 0913/AYPC F50 0913-01	AYPC F50 0952-02 AYPC F50 9975	100x56 x1 x2 x3	x70/x70	x70/x65
58 mm	FRK19	AYPC F50 0914/AYPC F50 0914-01	FRK16/FRK22	FRK16/FRK22	AYPC F50 0914/AYPC F50 0914-01	AYPC F50 0952-03 AYPC F50 9976	100x62 x1 x2 x3	x75/x75	x75/x70
60 mm	FRK18	AYPC F50 0914/AYPC F50 0914-01	FRK15/FRK21	FRK15/FRK21	AYPC F50 0914/AYPC F50 0914-01	AYPC F50 0952-03 AYPC F50 9976	100x62 x1 x2 x3	x75/x75	x75/x70
62 mm	FRK17	AYPC F50 0914/AYPC F50 0914-01	FRK14/FRK20	FRK14/FRK20	AYPC F50 0914/AYPC F50 0914-01	AYPC F50 0952-03 AYPC F50 9976	100x62 x1 x2 x3	x75/x75	x75/x70
64 mm	FRK19	AYPC F50 0907+AYPC F50 1927	FRK16/FRK22	FRK16/FRK22	AYPC F50 0907+AYPC F50 1927	AYPC F50 0952-04 AYPC F50 9977	100x68 x1 x2 x3	x80/x80	x80/x75
66 mm	FRK18	AYPC F50 0907+AYPC F50 1927	FRK15/FRK21	FRK15/FRK21	AYPC F50 0907+AYPC F50 1927	AYPC F50 0952-04 AYPC F50 9977	100x68 x1 x2 x3	x80/x80	x80/x75
68 mm	FRK17	AYPC F50 0907+AYPC F50 1927	FRK14/FRK20	FRK14/FRK20	AYPC F50 0907+AYPC F50 1927	AYPC F50 0952-04 AYPC F50 9977	100x68 x1 x2 x3	x80/x80	x80/x75
70 mm	FRK19	AYPC F50 0915+AYPC F50 1927	FRK16/FRK22	FRK16/FRK22	AYPC F50 0915+AYPC F50 1927	AYPC F50 9978	100x74 x1 x2 x3	x90/x90	x90/x85
72 mm	FRK18	AYPC F50 0915+AYPC F50 1927	FRK15/FRK21	FRK15/FRK21	AYPC F50 0915+AYPC F50 1927	AYPC F50 9978	100x74 x1 x2 x3	x90/x90	x90/x85
74 mm	FRK17	AYPC F50 0915+AYPC F50 1927	FRK14/FRK20	FRK14/FRK20	AYPC F50 0915+AYPC F50 1927	AYPC F50 9978	100x74 x1 x2 x3	x90/x90	x90/x85



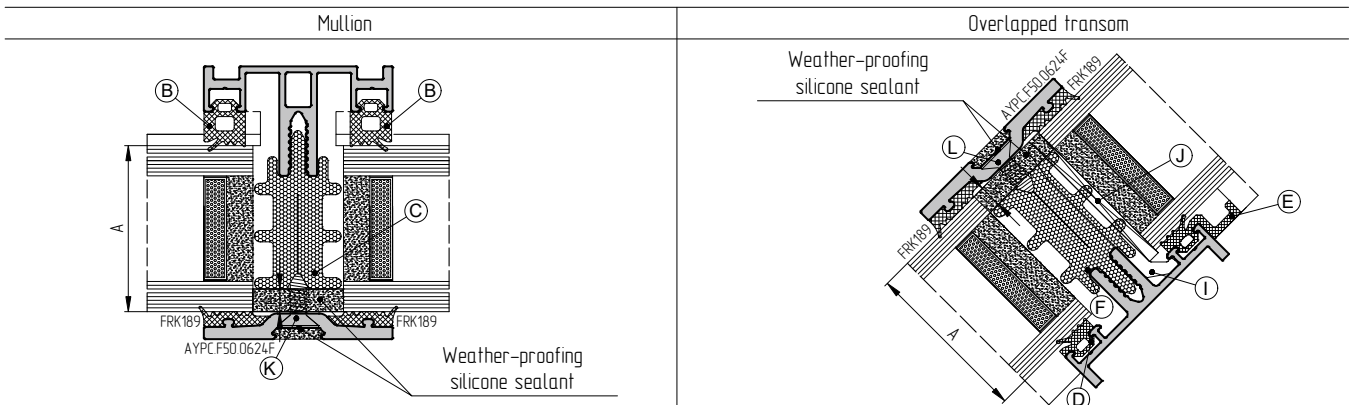
Facade glazing for inclined surfaces



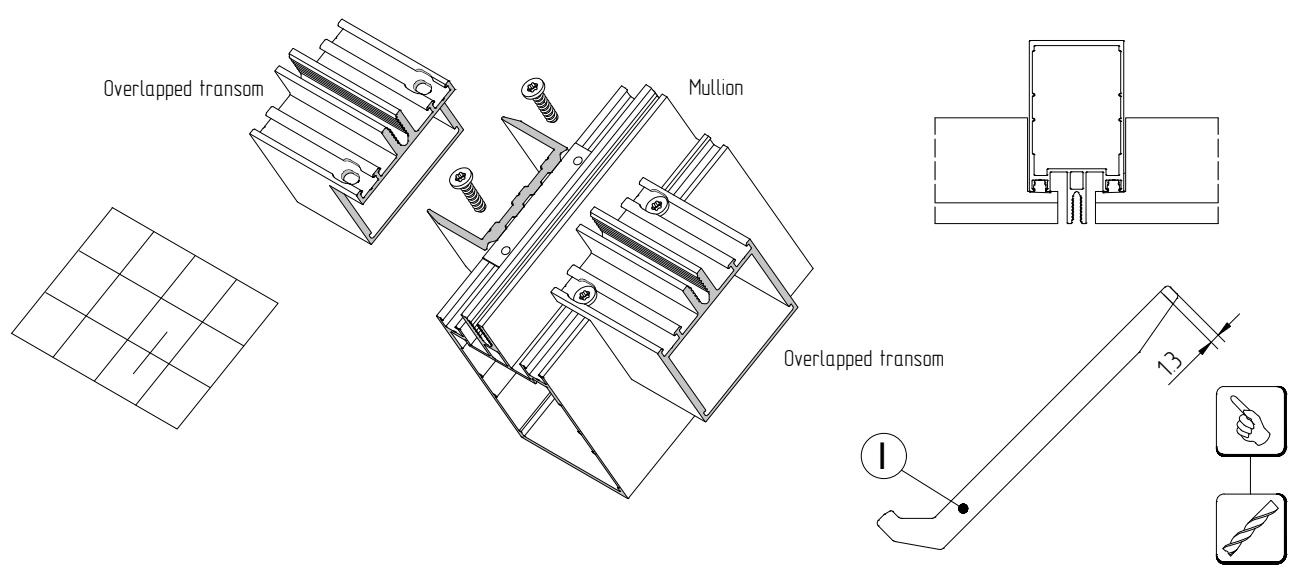
Infill unit thicken.	Mullion gasket	Mullion thermal break	Overlapped transom gasket Option A	Overlapped transom gasket Option B	Overlapped transom thermal break	Glass support		Option A	Option B
						bearing	leveling	Self-tapp screw $\varnothing 5,5-A2IS014-585$	Self-tapp screw $\varnothing 5,5-A2IS014-585$
A	B	C	D/E	D/E	F	I	J	K/L	K/M
34 mm	FRK119 FRK117	AYPC.F50.0908	FRK16/FRK22	FRK16/FRK22	AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55	x55/x45
36 mm	FRK118 FRK117	AYPC.F50.0908	FRK15/FRK21	FRK15/FRK21	AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55	x55/x45
38 mm	FRK117	AYPC.F50.0908	FRK14/FRK20	FRK14/FRK20	AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55	x55/x45
40 mm	FRK119 FRK117	AYPC.F50.0909	FRK16/FRK22	FRK16/FRK22	AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x60/x60	x60/x55
42 mm	FRK118 FRK117	AYPC.F50.0909	FRK15/FRK21	FRK15/FRK21	AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x60/x60	x60/x55
44 mm	FRK117	AYPC.F50.0909	FRK14/FRK20	FRK14/FRK20	AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x60/x60	x60/x55
46 mm	FRK119 FRK117	AYPC.F50.0910	FRK16/FRK22	FRK16/FRK22	AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x65	x65/x60
48 mm	FRK118 FRK117	AYPC.F50.0910	FRK15/FRK21	FRK15/FRK21	AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x65	x65/x60
50 mm	FRK117	AYPC.F50.0910	FRK14/FRK20	FRK14/FRK20	AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x65	x65/x60
52 mm	FRK119 FRK117	AYPC.F50.0911/AYPC.F50.0911-01	FRK16/FRK22	FRK16/FRK22	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x70	x70/x65
54 mm	FRK118 FRK117	AYPC.F50.0911/AYPC.F50.0911-01	FRK15/FRK21	FRK15/FRK21	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x70	x70/x65
56 mm	FRK117	AYPC.F50.0911/AYPC.F50.0911-01	FRK14/FRK20	FRK14/FRK20	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x70	x70/x65
58 mm	FRK119 FRK117	AYPC.F50.0912/AYPC.F50.0912-01	FRK16/FRK22	FRK16/FRK22	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x75/x75	x75/x70
60 mm	FRK118 FRK117	AYPC.F50.0912/AYPC.F50.0912-01	FRK15/FRK21	FRK15/FRK21	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x75/x75	x75/x70
62 mm	FRK117	AYPC.F50.0912/AYPC.F50.0912-01	FRK14/FRK20	FRK14/FRK20	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x75/x75	x75/x70
64 mm	FRK119 FRK117	AYPC.F50.0913	FRK16/FRK22	FRK16/FRK22	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	x80/x80	x80/x75
66 mm	FRK118 FRK117	AYPC.F50.0913	FRK15/FRK21	FRK15/FRK21	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	x80/x80	x80/x75
68 mm	FRK117	AYPC.F50.0913	FRK14/FRK20	FRK14/FRK20	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	x80/x80	x80/x75



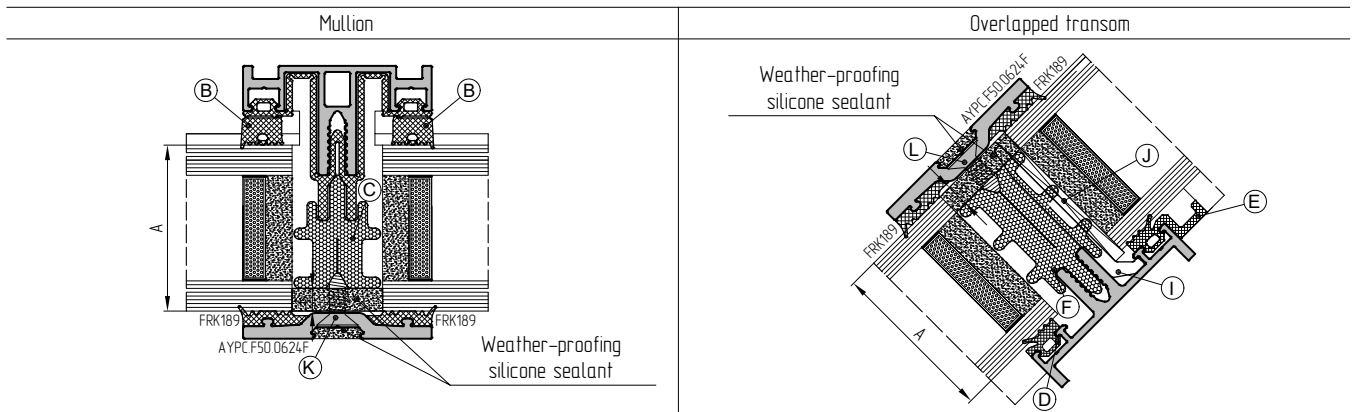
Facade glazing for inclined surfaces



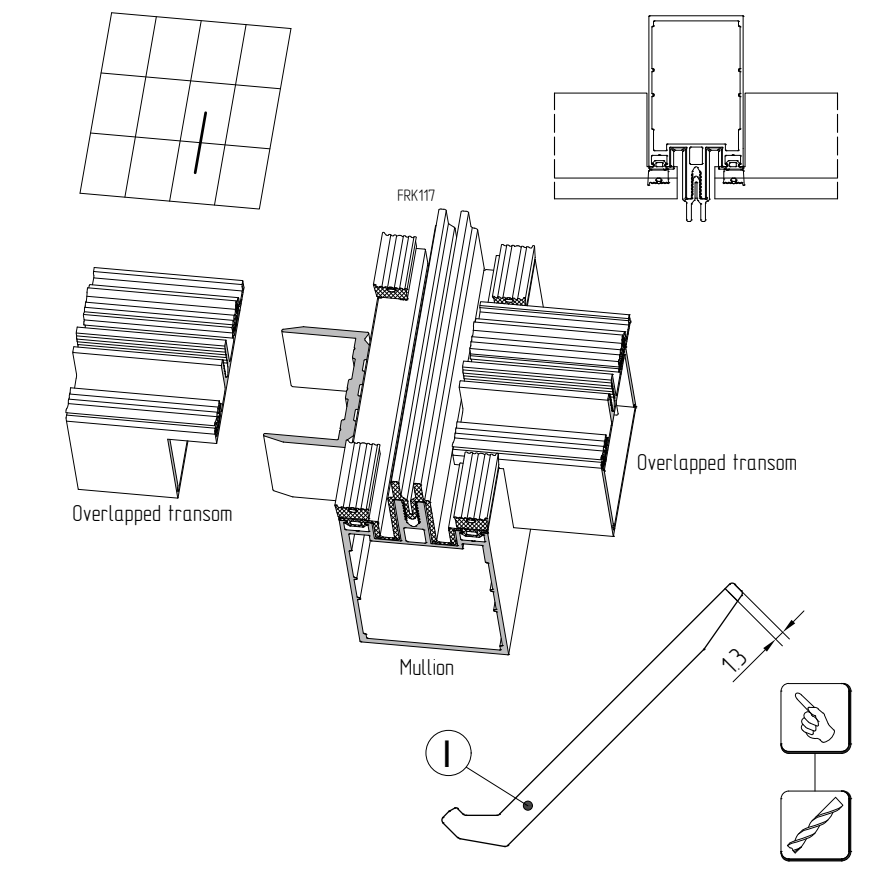
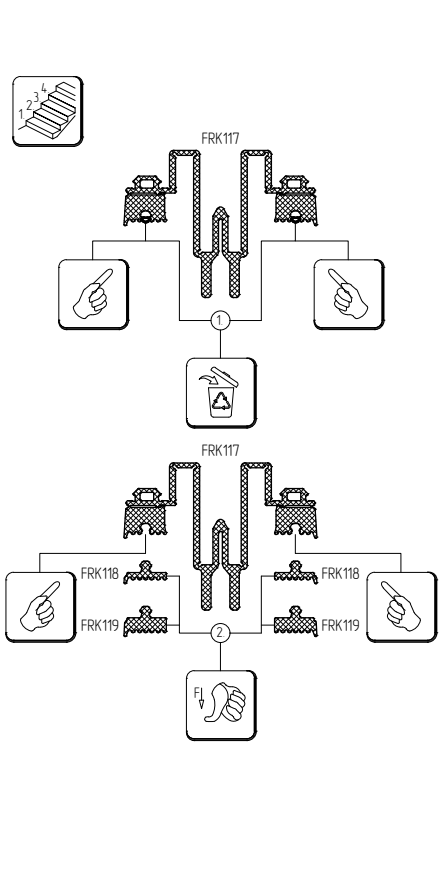
Infill init thickness	Mullion gasket	Mullion thermal break	Transom gasket overlapped	Overlapped transom thermal break	Glass support			Self-tapping screw Ø5,5-A2ISO14586		
					bearing	leveling				
A	B	C	D/E	F	I	J		K/L		
28 mm	FRK19	AYPC.F50.0908	FRK16/FRK22	AYPC.F50.0908	AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
30 mm	FRK18	AYPC.F50.0908	FRK15/FRK21	AYPC.F50.0908	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
32 mm	FRK17	AYPC.F50.0908	FRK14/FRK20	AYPC.F50.0908	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
34 mm	FRK19	AYPC.F50.0909	FRK16/FRK22	AYPC.F50.0909	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x50/x50
36 mm	FRK18	AYPC.F50.0909	FRK15/FRK21	AYPC.F50.0909	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x50/x50
38 mm	FRK17	AYPC.F50.0909	FRK14/FRK20	AYPC.F50.0909	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x50/x50
40 mm	FRK19	AYPC.F50.0910	FRK16/FRK22	AYPC.F50.0910	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x55
42 mm	FRK18	AYPC.F50.0910	FRK15/FRK21	AYPC.F50.0910	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x55
44 mm	FRK17	AYPC.F50.0910	FRK14/FRK20	AYPC.F50.0910	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x55
46 mm	FRK19	AYPC.F50.0911/AYPC.F50.0911-01	FRK16/FRK22	AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x60/x60
48 mm	FRK18	AYPC.F50.0911/AYPC.F50.0911-01	FRK15/FRK21	AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x60/x60
50 mm	FRK17	AYPC.F50.0911/AYPC.F50.0911-01	FRK14/FRK20	AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x60/x60
52 mm	FRK19	AYPC.F50.0912/AYPC.F50.0912-01	FRK16/FRK22	AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x65/x65
54 mm	FRK18	AYPC.F50.0912/AYPC.F50.0912-01	FRK15/FRK21	AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x65/x65
56 mm	FRK17	AYPC.F50.0912/AYPC.F50.0912-01	FRK14/FRK20	AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x65/x65
58 mm	FRK19	AYPC.F50.0913/AYPC.F50.0913-01	FRK16/FRK22	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x70
60 mm	FRK18	AYPC.F50.0913/AYPC.F50.0913-01	FRK15/FRK21	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x70
62 mm	FRK17	AYPC.F50.0913/AYPC.F50.0913-01	FRK14/FRK20	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x70
64 mm	FRK19	AYPC.F50.0914/AYPC.F50.0914-01	FRK16/FRK22	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x75
66 mm	FRK18	AYPC.F50.0914/AYPC.F50.0914-01	FRK15/FRK21	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x75
68 mm	FRK17	AYPC.F50.0914/AYPC.F50.0914-01	FRK14/FRK20	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x75
70 mm	FRK19	AYPC.F50.0907+AYPC.F50.1927	FRK16/FRK22	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.9978	100x74	x1	x2	x3	x80/x80
72 mm	FRK18	AYPC.F50.0907+AYPC.F50.1927	FRK15/FRK21	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.9978	100x74	x1	x2	x3	x80/x80
74 mm	FRK17	AYPC.F50.0907+AYPC.F50.1927	FRK14/FRK20	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.9978	100x74	x1	x2	x3	x80/x80



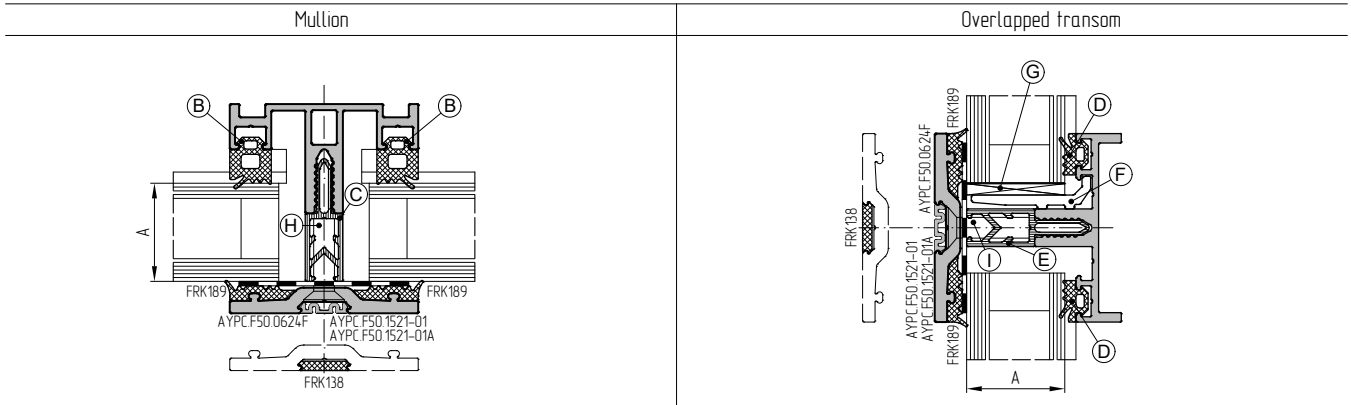
Facade glazing for inclined surfaces



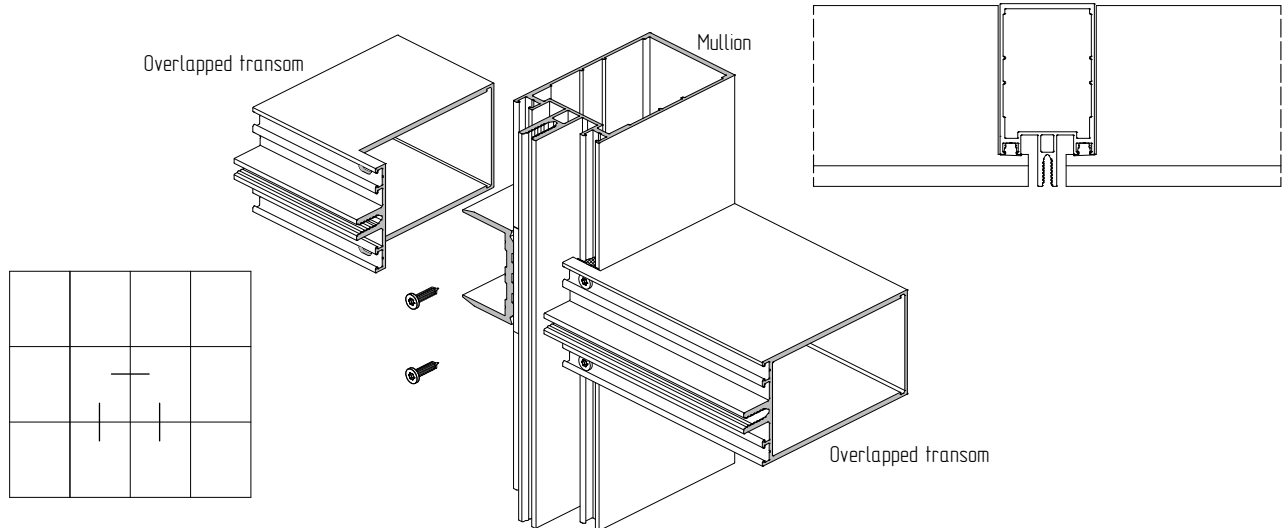
Infill unit thickness	Mullion gasket	Mullion thermal break	Overlapped transom gasket	Overlapped transom thermal break	Glass support			Self-tapping screw ø5,5-A2ISO14586		
					bearing	leveling				
A	B	C	D/E	F	I	J		K/L		
40 mm	FRK119 + FRK117	AYPC.F50.0908	FRK16/FRK22	AYPC.F50.0910	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x55
42 mm	FRK118 + FRK117	AYPC.F50.0908	FRK15/FRK21	AYPC.F50.0910	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x55
44 mm	FRK117	AYPC.F50.0908	FRK14/FRK20	AYPC.F50.0910	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x55
46 mm	FRK119 + FRK117	AYPC.F50.0909	FRK16/FRK22	AYPC.F50.0911	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x60/x60
48 mm	FRK118 + FRK117	AYPC.F50.0909	FRK15/FRK21	AYPC.F50.0911	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x60/x60
50 mm	FRK117	AYPC.F50.0909	FRK14/FRK20	AYPC.F50.0911	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x60/x60
52 mm	FRK119 + FRK117	AYPC.F50.0910	FRK16/FRK22	AYPC.F50.0912	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x65/x65
54 mm	FRK118 + FRK117	AYPC.F50.0910	FRK15/FRK21	AYPC.F50.0912	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x65/x65
56 mm	FRK117	AYPC.F50.0910	FRK14/FRK20	AYPC.F50.0912	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x65/x65
58 mm	FRK119 + FRK117	AYPC.F50.0911/AYPC.F50.0911-01	FRK16/FRK22	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x70
60 mm	FRK118 + FRK117	AYPC.F50.0911/AYPC.F50.0911-01	FRK15/FRK21	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x70
62 mm	FRK117	AYPC.F50.0911/AYPC.F50.0911-01	FRK14/FRK20	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x70
64 mm	FRK119 + FRK117	AYPC.F50.0912/AYPC.F50.0912-01	FRK16/FRK22	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x75
66 mm	FRK118 + FRK117	AYPC.F50.0912/AYPC.F50.0912-01	FRK15/FRK21	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x75
68 mm	FRK117	AYPC.F50.0912/AYPC.F50.0912-01	FRK14/FRK20	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x75



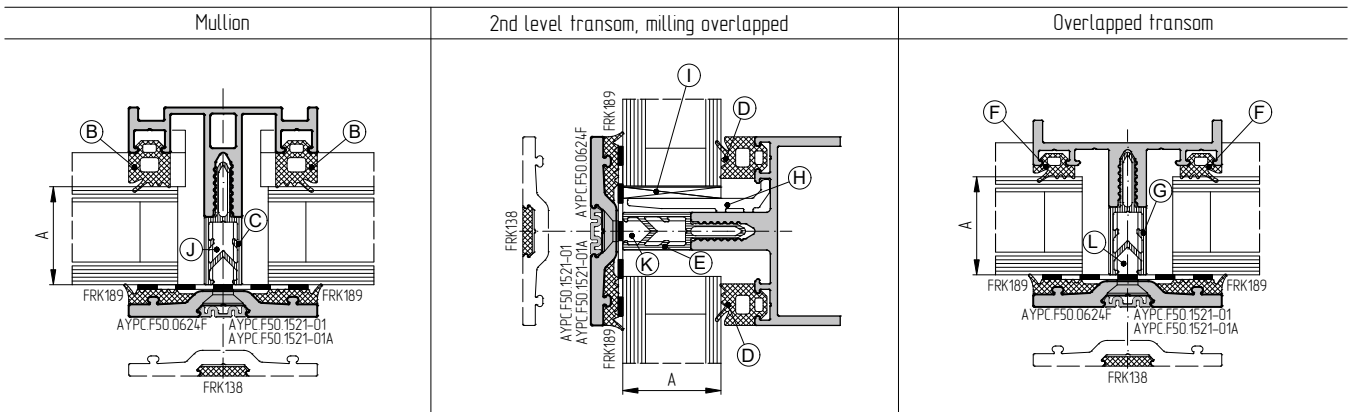
Facade glazing depending on the type of profile connection



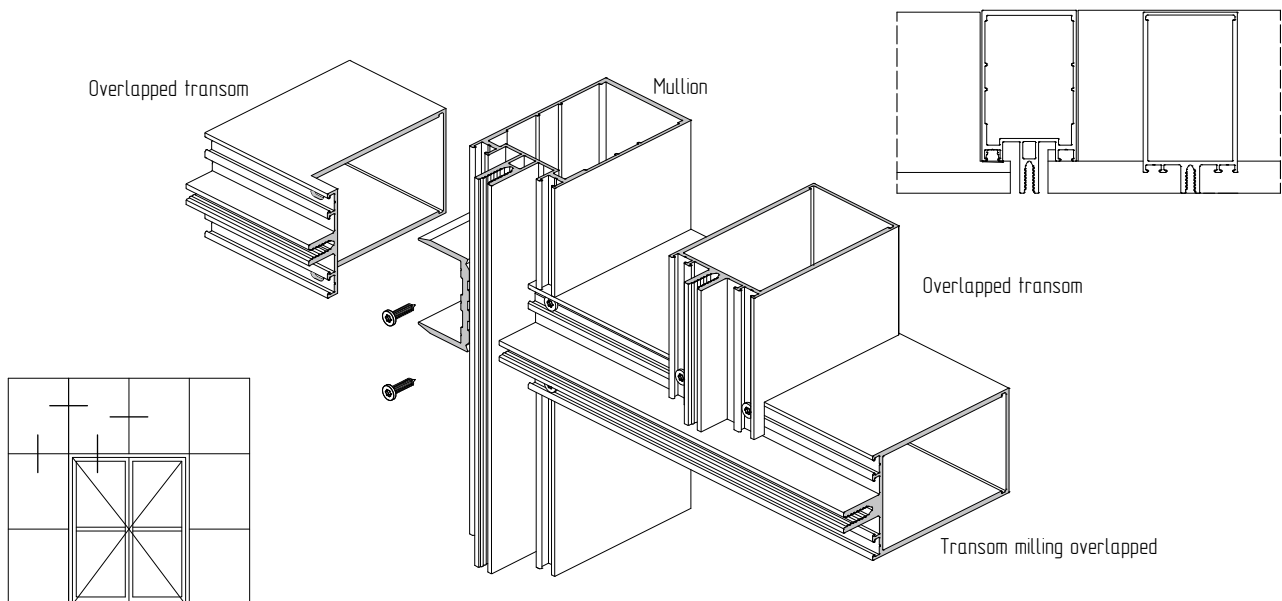
Infill unit thickness	Mullion gasket	Mullion thermal break	Overlapped transom gasket	Overlapped transom thermal break	Glass support				Self-tapping screw Ø5,5-A2IS014586	
					bearing		leveling			
A	B	C	D	E	F	G			H/I	
22 mm	FRK19	AYPC F50 0905 AYPC F50 0908	FRK16	AYPC F50 0905 AYPC F50 0908	AYPC F50 0941	100x26	x1	x2	x3	5,5x38/5,5x38
24 mm	FRK18	AYPC F50 0905 AYPC F50 0908	FRK15	AYPC F50 0905 AYPC F50 0908	AYPC F50 0941	100x26	x1	x2	x3	5,5x38/5,5x38
26 mm	FRK17	AYPC F50 0905 AYPC F50 0908	FRK14	AYPC F50 0905 AYPC F50 0908	AYPC F50 0941	100x26	x1	x2	x3	5,5x38/5,5x38
28 mm	FRK19	AYPC F50 0906 AYPC F50 0909	FRK16	AYPC F50 0906 AYPC F50 0909	AYPC F50 0941-01 AYPC F50 9971	100x32	x1	x2	x3	5,5x45/5,5x45
30 mm	FRK18	AYPC F50 0906 AYPC F50 0909	FRK15	AYPC F50 0906 AYPC F50 0909	AYPC F50 0941-01 AYPC F50 9971	100x32	x1	x2	x3	5,5x45/5,5x45
32 mm	FRK17	AYPC F50 0906 AYPC F50 0909	FRK14	AYPC F50 0906 AYPC F50 0909	AYPC F50 0941-01 AYPC F50 9971	100x32	x1	x2	x3	5,5x45/5,5x45
34 mm	FRK19	AYPC F50 0907 AYPC F50 0910	FRK16	AYPC F50 0907 AYPC F50 0910	AYPC F50 0941-02 AYPC F50 9972	100x38	x1	x2	x3	5,5x50/5,5x50
36 mm	FRK18	AYPC F50 0907 AYPC F50 0910	FRK15	AYPC F50 0907 AYPC F50 0910	AYPC F50 0941-02 AYPC F50 9972	100x38	x1	x2	x3	5,5x50/5,5x50
38 mm	FRK17	AYPC F50 0907 AYPC F50 0910	FRK14	AYPC F50 0907 AYPC F50 0910	AYPC F50 0941-02 AYPC F50 9972	100x38	x1	x2	x3	5,5x50/5,5x50
40 mm	FRK19	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	FRK16	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	AYPC F50 0952 AYPC F50 9973	100x44	x1	x2	x3	5,5x55/5,5x55
42 mm	FRK18	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	FRK15	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	AYPC F50 0952 AYPC F50 9973	100x44	x1	x2	x3	5,5x55/5,5x55
44 mm	FRK17	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	FRK14	AYPC F50 0915 AYPC F50 0911/AYPC F50 0911-01	AYPC F50 0952 AYPC F50 9973	100x44	x1	x2	x3	5,5x55/5,5x55
46 mm	FRK19	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	FRK16	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	AYPC F50 0952-01 AYPC F50 9974	100x50	x1	x2	x3	5,5x60/5,5x60
48 mm	FRK18	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	FRK15	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	AYPC F50 0952-01 AYPC F50 9974	100x50	x1	x2	x3	5,5x60/5,5x60
50 mm	FRK17	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	FRK14	AYPC F50 0916 AYPC F50 0912/AYPC F50 0912-01	AYPC F50 0952-01 AYPC F50 9974	100x50	x1	x2	x3	5,5x60/5,5x60
52 mm	FRK19	AYPC F50 0913/AYPC F50 0913-01	FRK16	AYPC F50 0913/AYPC F50 0913-01	AYPC F50 0952-02 AYPC F50 9975	100x56	x1	x2	x3	5,5x65/5,5x65
54 mm	FRK18	AYPC F50 0913/AYPC F50 0913-01	FRK15	AYPC F50 0913/AYPC F50 0913-01	AYPC F50 0952-02 AYPC F50 9975	100x56	x1	x2	x3	5,5x65/5,5x65
56 mm	FRK17	AYPC F50 0913/AYPC F50 0913-01	FRK14	AYPC F50 0913/AYPC F50 0913-01	AYPC F50 0952-02 AYPC F50 9975	100x56	x1	x2	x3	5,5x65/5,5x65
58 mm	FRK19	AYPC F50 0914/AYPC F50 0914-01	FRK16	AYPC F50 0914/AYPC F50 0914-01	AYPC F50 0952-03 AYPC F50 9976	100x62	x1	x2	x3	5,5x70/5,5x70
60 mm	FRK18	AYPC F50 0914/AYPC F50 0914-01	FRK15	AYPC F50 0914/AYPC F50 0914-01	AYPC F50 0952-03 AYPC F50 9976	100x62	x1	x2	x3	5,5x70/5,5x70
62 mm	FRK17	AYPC F50 0914/AYPC F50 0914-01	FRK14	AYPC F50 0914/AYPC F50 0914-01	AYPC F50 0952-03 AYPC F50 9976	100x62	x1	x2	x3	5,5x70/5,5x70
64 mm	FRK19	AYPC F50 0907+AYPC F50 1927	FRK16	AYPC F50 0907+AYPC F50 1927	AYPC F50 0952-04 AYPC F50 9977	100x68	x1	x2	x3	5,5x75/5,5x75
66 mm	FRK18	AYPC F50 0907+AYPC F50 1927	FRK15	AYPC F50 0907+AYPC F50 1927	AYPC F50 0952-04 AYPC F50 9977	100x68	x1	x2	x3	5,5x75/5,5x75
68 mm	FRK17	AYPC F50 0907+AYPC F50 1927	FRK14	AYPC F50 0907+AYPC F50 1927	AYPC F50 0952-04 AYPC F50 9977	100x68	x1	x2	x3	5,5x75/5,5x75
70 mm	FRK19	AYPC F50 0915+AYPC F50 1927	FRK16	AYPC F50 0915+AYPC F50 1927	AYPC F50 9978	100x74	x1	x2	x3	5,5x80/5,5x80
72 mm	FRK18	AYPC F50 0915+AYPC F50 1927	FRK15	AYPC F50 0915+AYPC F50 1927	AYPC F50 9978	100x74	x1	x2	x3	5,5x80/5,5x80
74 mm	FRK17	AYPC F50 0915+AYPC F50 1927	FRK14	AYPC F50 0915+AYPC F50 1927	AYPC F50 9978	100x74	x1	x2	x3	5,5x80/5,5x80



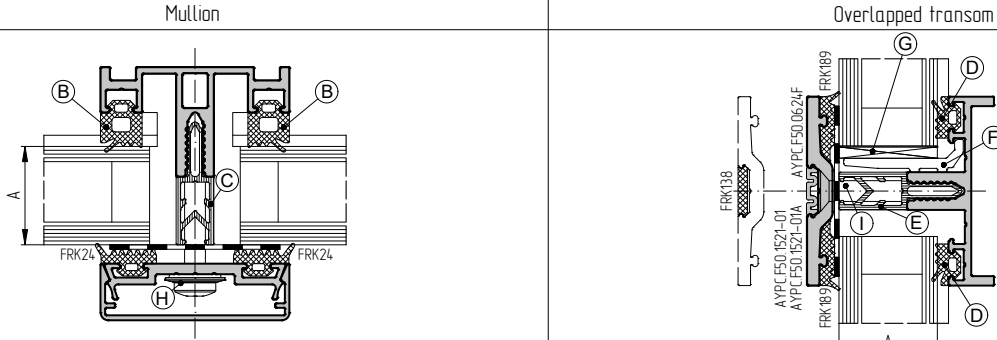
Facade glazing depending on the type of profile connection



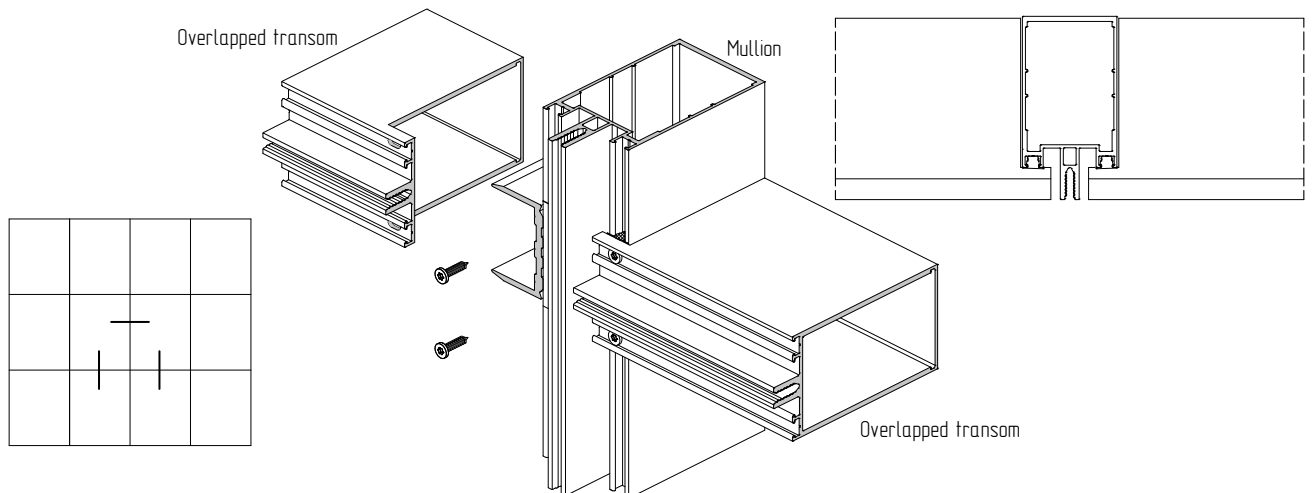
Infill unit thckn.	Mullion gasket	Mullion thermal break	Gasket on the 2nd level transom, milling overlapp.	Thermal break on the 2nd level transom milling overlapped	Gasket on the transom overlapped	Thermal break on the transom overlapp.	Glass support			Self-tapping screw ø5,5-A2ISO14586
							bearing	leveling		
A	B	C	D	E	F	G	H	I	J/K/L	
22 mm	FRK19	AYPC F50 0905 AYPC F50 0908	FRK19	AYPC F50 0905 AYPC F50 0908	FRK16	AYPC F50 0905 AYPC F50 0908	AYPC F50.0941-01	100x32	x1 x2 x3	x38/x38/x38
24 mm	FRK18	AYPC F50 0905 AYPC F50 0908	FRK18	AYPC F50 0905 AYPC F50 0908	FRK15	AYPC F50 0905 AYPC F50 0908	AYPC F50.0941-01	100x32	x1 x2 x3	x38/x38/x38
26 mm	FRK17	AYPC F50 0905 AYPC F50 0908	FRK17	AYPC F50 0905 AYPC F50 0908	FRK14	AYPC F50 0905 AYPC F50 0908	AYPC F50.0941-01	100x32	x1 x2 x3	x38/x38/x38
28 mm	FRK19	AYPC F50 0906 AYPC F50 0909	FRK19	AYPC F50 0906 AYPC F50 0909	FRK16	AYPC F50 0906 AYPC F50 0909	AYPC F50.0941-02	100x38	x1 x2 x3	x45/x45/x45
30 mm	FRK18	AYPC F50 0906 AYPC F50 0909	FRK18	AYPC F50 0906 AYPC F50 0909	FRK15	AYPC F50 0906 AYPC F50 0909	AYPC F50.0941-02	100x38	x1 x2 x3	x45/x45/x45
32 mm	FRK17	AYPC F50 0906 AYPC F50 0909	FRK17	AYPC F50 0906 AYPC F50 0909	FRK14	AYPC F50 0906 AYPC F50 0909	AYPC F50.0941-02	100x38	x1 x2 x3	x45/x45/x45
34 mm	FRK19	AYPC F50 0907 AYPC F50 0910	FRK19	AYPC F50 0907 AYPC F50 0910	FRK16	AYPC F50 0907 AYPC F50 0910	AYPC F50.0952	100x44	x1 x2 x3	x50/x50/x50
36 mm	FRK18	AYPC F50 0907 AYPC F50 0910	FRK18	AYPC F50 0907 AYPC F50 0910	FRK15	AYPC F50 0907 AYPC F50 0910	AYPC F50.0952	100x44	x1 x2 x3	x50/x50/x50
38 mm	FRK17	AYPC F50 0907 AYPC F50 0910	FRK17	AYPC F50 0907 AYPC F50 0910	FRK14	AYPC F50 0907 AYPC F50 0910	AYPC F50.0952	100x44	x1 x2 x3	x50/x50/x50
40 mm	FRK19	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	FRK19	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	FRK16	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	AYPC F50.0952-01	100x50	x1 x2 x3	x55/x55/x55
42 mm	FRK18	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	FRK18	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	FRK15	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	AYPC F50.0952-01	100x50	x1 x2 x3	x55/x55/x55
44 mm	FRK17	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	FRK17	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	FRK14	AYPC F50 0915 AYPC F50.0911/AYPC F50.0911-01	AYPC F50.0952-01	100x50	x1 x2 x3	x55/x55/x55
46 mm	FRK19	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	FRK19	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	FRK16	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	AYPC F50.0952-02	100x56	x1 x2 x3	x60/x60/x60
48 mm	FRK18	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	FRK18	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	FRK15	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	AYPC F50.0952-02	100x56	x1 x2 x3	x60/x60/x60
50 mm	FRK17	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	FRK17	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	FRK14	AYPC F50 0916 AYPC F50.0912/AYPC F50.0912-01	AYPC F50.0952-02	100x56	x1 x2 x3	x60/x60/x60
52 mm	FRK19	AYPC F50 0913/AYPC F50.0913-01	FRK19	AYPC F50 0913/AYPC F50.0913-01	FRK16	AYPC F50 0913/AYPC F50.0913-01	AYPC F50.0952-03	100x62	x1 x2 x3	x65/x65/x65
54 mm	FRK18	AYPC F50 0913/AYPC F50.0913-01	FRK18	AYPC F50 0913/AYPC F50.0913-01	FRK15	AYPC F50 0913/AYPC F50.0913-01	AYPC F50.0952-03	100x62	x1 x2 x3	x65/x65/x65
56 mm	FRK17	AYPC F50 0913/AYPC F50.0913-01	FRK17	AYPC F50 0913/AYPC F50.0913-01	FRK14	AYPC F50 0913/AYPC F50.0913-01	AYPC F50.0952-03	100x62	x1 x2 x3	x65/x65/x65
58 mm	FRK19	AYPC F50 0914/AYPC F50.0914-01	FRK19	AYPC F50 0914/AYPC F50.0914-01	FRK16	AYPC F50 0914/AYPC F50.0914-01	AYPC F50.0952-04	100x68	x1 x2 x3	x70/x70/x70
60 mm	FRK18	AYPC F50 0914/AYPC F50.0914-01	FRK18	AYPC F50 0914/AYPC F50.0914-01	FRK15	AYPC F50 0914/AYPC F50.0914-01	AYPC F50.0952-04	100x68	x1 x2 x3	x70/x70/x70
62 mm	FRK17	AYPC F50 0914/AYPC F50.0914-01	FRK17	AYPC F50 0914/AYPC F50.0914-01	FRK14	AYPC F50 0914/AYPC F50.0914-01	AYPC F50.0952-04	100x68	x1 x2 x3	x70/x70/x70



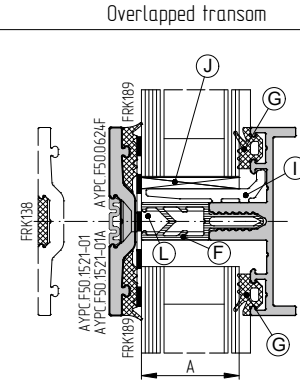
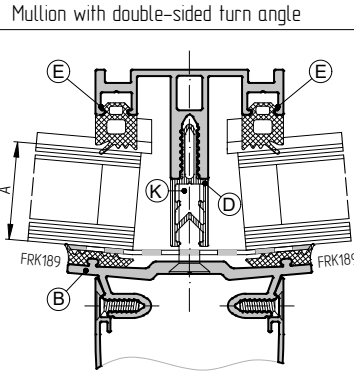
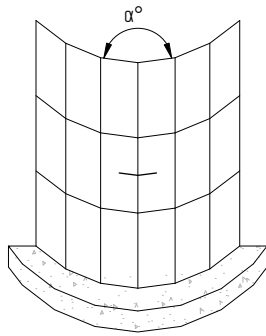
Facade glazing depending on the type of profile connection



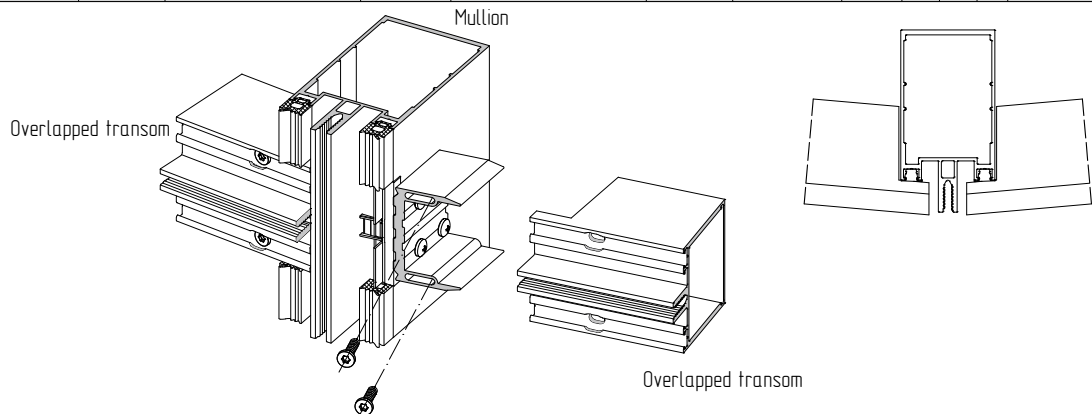
Infill unit thickness	Mullion gasket	Mullion thermal break	Overlapped transom gasket	Overlapped transom thermal break	Glass support		Self-tapp. screw ø5,5-A2IS014585	Self-tapp. screw ø5,5-A2IS014586
					bearing	leveling		
A	B	C	D	E	F	G	H	I
4 mm	FRK19	-	FRK16	-	AYPC.F50.0940	AYPC.110.0901=1 mm	5,5x22	5,5x19
5 mm/6 mm	FRK18	-	FRK15	-	AYPC.F50.0940	AYPC.110.0902=2 mm	5,5x22	5,5x19
8 mm	FRK17	-	FRK14	-	AYPC.F50.0940	AYPC.110.0903=3 mm	5,5x22	5,5x19
22 mm	FRK19	AYPC.F50.0905 AYPC.F50.0908	FRK16	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	5,5x38	5,5x38
24 mm	FRK18	AYPC.F50.0905 AYPC.F50.0908	FRK15	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	5,5x38	5,5x38
26 mm	FRK17	AYPC.F50.0905 AYPC.F50.0908	FRK14	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	5,5x38	5,5x38
28 mm	FRK19	AYPC.F50.0906 AYPC.F50.0909	FRK16	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	5,5x45	5,5x45
30 mm	FRK18	AYPC.F50.0906 AYPC.F50.0909	FRK15	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	5,5x45	5,5x45
32 mm	FRK17	AYPC.F50.0906 AYPC.F50.0909	FRK14	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	5,5x45	5,5x45
34 mm	FRK19	AYPC.F50.0907 AYPC.F50.0910	FRK16	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	5,5x55	5,5x50
36 mm	FRK18	AYPC.F50.0907 AYPC.F50.0910	FRK15	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	5,5x55	5,5x50
38 mm	FRK17	AYPC.F50.0907 AYPC.F50.0910	FRK14	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	5,5x55	5,5x50
40 mm	FRK19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	5,5x60	5,5x55
42 mm	FRK18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	5,5x60	5,5x55
44 mm	FRK17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	5,5x60	5,5x55
46 mm	FRK19	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	5,5x65	5,5x60
48 mm	FRK18	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	5,5x65	5,5x60
50 mm	FRK17	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	5,5x65	5,5x60
52 mm	FRK19	AYPC.F50.0913/AYPC.F50.0913-01	FRK16	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	5,5x70	5,5x65
54 mm	FRK18	AYPC.F50.0913/AYPC.F50.0913-01	FRK15	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	5,5x70	5,5x65
56 mm	FRK17	AYPC.F50.0913/AYPC.F50.0913-01	FRK14	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	5,5x70	5,5x65
58 mm	FRK19	AYPC.F50.0914/AYPC.F50.0914-01	FRK16	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	5,5x75	5,5x70
60 mm	FRK18	AYPC.F50.0914/AYPC.F50.0914-01	FRK15	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	5,5x75	5,5x70
62 mm	FRK17	AYPC.F50.0914/AYPC.F50.0914-01	FRK14	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	5,5x75	5,5x70
64 mm	FRK19	AYPC.F50.0907+AYPC.F50.1927	FRK16	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	5,5x80	5,5x75
66 mm	FRK18	AYPC.F50.0907+AYPC.F50.1927	FRK15	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	5,5x80	5,5x75
68 mm	FRK17	AYPC.F50.0907+AYPC.F50.1927	FRK14	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	5,5x80	5,5x75
70 mm	FRK19	AYPC.F50.0915+AYPC.F50.1927	FRK16	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74 x1 x2 x3	5,5x90	5,5x80
72 mm	FRK18	AYPC.F50.0915+AYPC.F50.1927	FRK15	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74 x1 x2 x3	5,5x90	5,5x80
74 mm	FRK17	AYPC.F50.0915+AYPC.F50.1927	FRK14	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74 x1 x2 x3	5,5x90	5,5x80



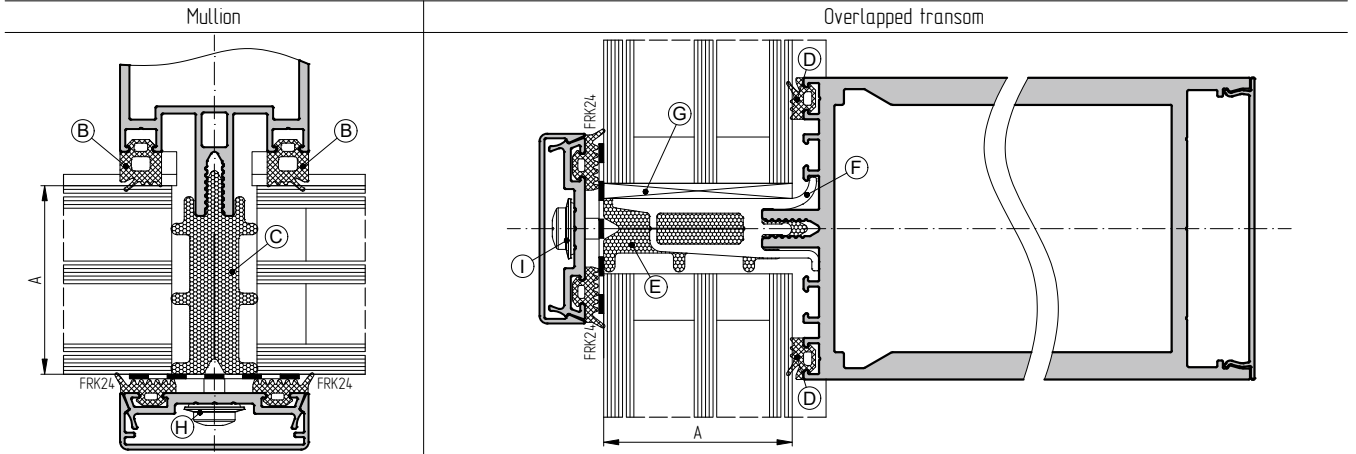
Facade glazing for external double-sided corners, depending on the type of profile connection



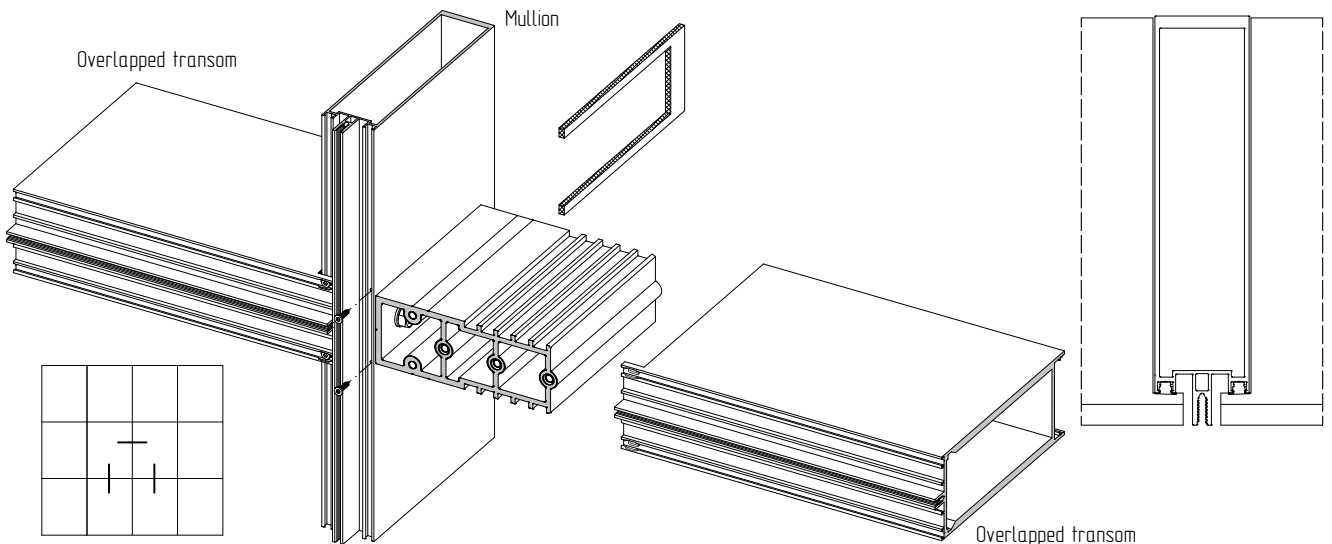
Infill unit thickness	Turn angle	Clamp bar	Corner adapter	Thermal break on the mullion	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support		Self-tapping screw ø5,5 A2IS014586
								bearing	leveling	
A	α°	B	C	D	E	F	G	I	J	K/L
4 mm	165°-175°	AYPC.F50.0626	-	-	FRK 19	-	FRK 16	AYPC.F50.0940	AYPC.110.0901=1mm	x22/x19
5mm/ 6 mm	165°-175°	AYPC.F50.0626	-	-	FRK 18	-	FRK 15	AYPC.F50.0940	AYPC.110.0902=2 mm	x22/x19
8 mm	165°-175°	AYPC.F50.0626	-	-	FRK 17	-	FRK 14	AYPC.F50.0940	AYPC.110.0903=3 mm	x22/x19
22 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0905 AYPC.F50.0908	FRK 19	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
24 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0905 AYPC.F50.0908	FRK 18	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
26 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0905 AYPC.F50.0908	FRK 17	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
28 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0906 AYPC.F50.0909	FRK 19	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
30 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0906 AYPC.F50.0909	FRK 18	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
32 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0906 AYPC.F50.0909	FRK 17	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
34 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0907 AYPC.F50.0910	FRK 19	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x50/x50
36 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0907 AYPC.F50.0910	FRK 18	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x50/x50
38 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0907 AYPC.F50.0910	FRK 17	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x50/x50
40 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x55/x55
42 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x55/x55
44 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x55/x55
46 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 19	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x60
48 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 18	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x60
50 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 17	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x60
52 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 19	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x65
54 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 18	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x65
56 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 17	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x65
58 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 19	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x75/x70
60 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 18	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x75/x70
62 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 17	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x75/x70
64 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0907+AYPC.F50.1927	FRK 19	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	x80/x75
66 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0907+AYPC.F50.1927	FRK 18	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	x80/x75
68 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0907+AYPC.F50.1927	FRK 17	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0952-04 AYPC.F50.9977	100x68 x1 x2 x3	x80/x75
70 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0915+AYPC.F50.1927	FRK 19	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.9978	100x74 x1 x2 x3	x85/x80
72 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0915+AYPC.F50.1927	FRK 18	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.9978	100x74 x1 x2 x3	x85/x80
74 mm	165°-175°	AYPC.F50.0626	-	AYPC.F50.0915+AYPC.F50.1927	FRK 17	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.9978	100x74 x1 x2 x3	x85/x80



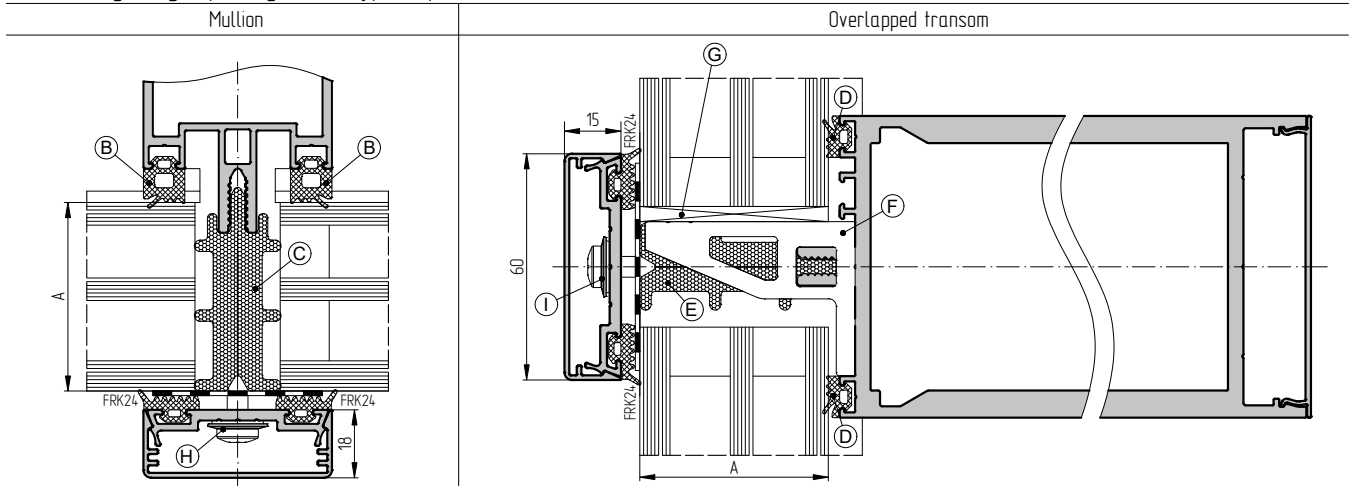
Facade glazing depending on the type of profile connection



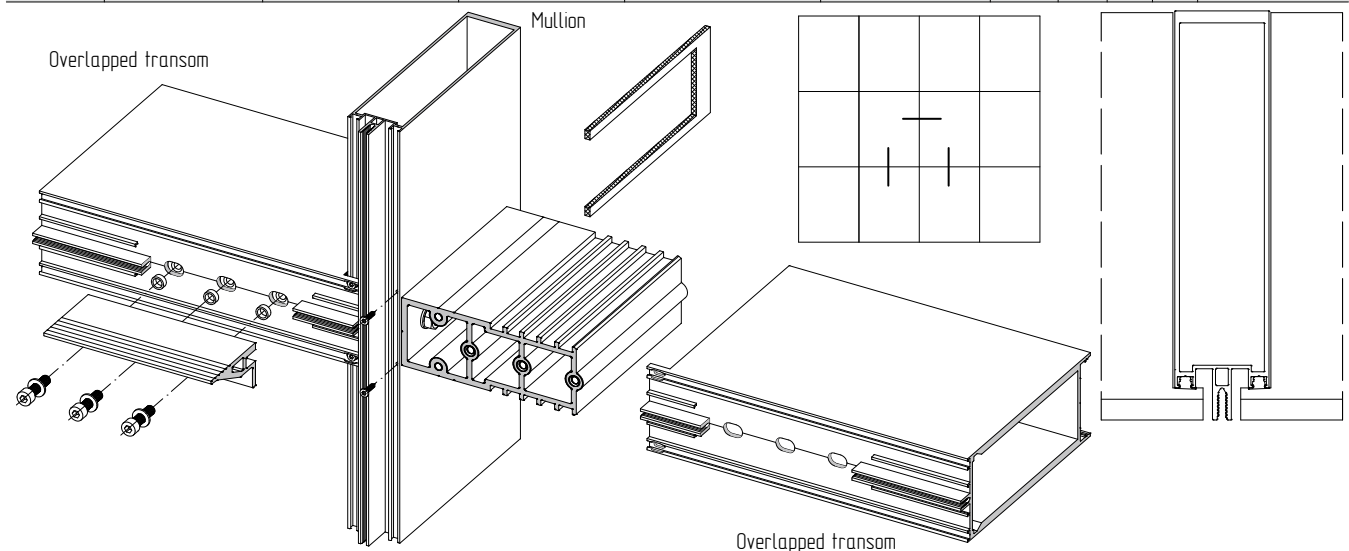
Infill unit thickness	Gasket on the mullion	Thermal break on the mullion	Gasket on the Overlapped transom	Thermal break on the transom overlapp.	Glass support				Self-tapp. screw $\varnothing 5,5-A2ISO14585$	
					bearing		leveling			
A	B	C	D	E	F		G		H/I	
28 mm	FRK19	AYPC.F50.0906 AYPC.F50.0909	FRK16	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x2	x3	x4	5,5x45/5,5x45
30 mm	FRK18	AYPC.F50.0906 AYPC.F50.0909	FRK15	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x2	x3	x4	5,5x45/5,5x45
32 mm	FRK17	AYPC.F50.0906 AYPC.F50.0909	FRK14	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x2	x3	x4	5,5x45/5,5x45
34 mm	FRK19	AYPC.F50.0907 AYPC.F50.0910	FRK16	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x2	x3	x4	5,5x55/5,5x55
36 mm	FRK18	AYPC.F50.0907 AYPC.F50.0910	FRK15	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x2	x3	x4	5,5x55/5,5x55
38 mm	FRK17	AYPC.F50.0907 AYPC.F50.0910	FRK14	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x2	x3	x4	5,5x55/5,5x55
40 mm	FRK19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44	x2	x3	x4	5,5x60/5,5x60
42 mm	FRK18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44	x2	x3	x4	5,5x60/5,5x60
44 mm	FRK17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.0952 AYPC.F50.9973	100x44	x2	x3	x4	5,5x60/5,5x60
46 mm	FRK19	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x2	x3	x4	5,5x65/5,5x65
48 mm	FRK18	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x2	x3	x4	5,5x65/5,5x65
50 mm	FRK17	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x2	x3	x4	5,5x65/5,5x65
52 mm	FRK19	AYPC.F50.0913/AYPC.F50.0913-01	FRK16	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x2	x3	x4	5,5x70/5,5x70
54 mm	FRK18	AYPC.F50.0913/AYPC.F50.0913-01	FRK15	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x2	x3	x4	5,5x70/5,5x70
56 mm	FRK17	AYPC.F50.0913/AYPC.F50.0913-01	FRK14	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x2	x3	x4	5,5x70/5,5x70
58 mm	FRK19	AYPC.F50.0914/AYPC.F50.0914-01	FRK16	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x2	x3	x4	5,5x75/5,5x75
60 mm	FRK18	AYPC.F50.0914/AYPC.F50.0914-01	FRK15	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x2	x3	x4	5,5x75/5,5x75
62 mm	FRK17	AYPC.F50.0914/AYPC.F50.0914-01	FRK14	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x2	x3	x4	5,5x75/5,5x75
64 mm	FRK19	AYPC.F50.0907+AYPC.F50.1927	FRK16	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x2	x3	x4	5,5x80/5,5x80
66 mm	FRK18	AYPC.F50.0907+AYPC.F50.1927	FRK15	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x2	x3	x4	5,5x80/5,5x80
68 mm	FRK17	AYPC.F50.0907+AYPC.F50.1927	FRK14	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x2	x3	x4	5,5x80/5,5x80
70 mm	FRK19	AYPC.F50.0915+AYPC.F50.1927	FRK16	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74	x2	x3	x4	5,5x90/5,5x90
72 mm	FRK18	AYPC.F50.0915+AYPC.F50.1927	FRK15	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74	x2	x3	x4	5,5x90/5,5x90
74 mm	FRK17	AYPC.F50.0915+AYPC.F50.1927	FRK14	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9978	100x74	x2	x3	x4	5,5x90/5,5x90



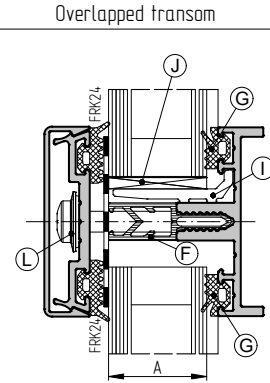
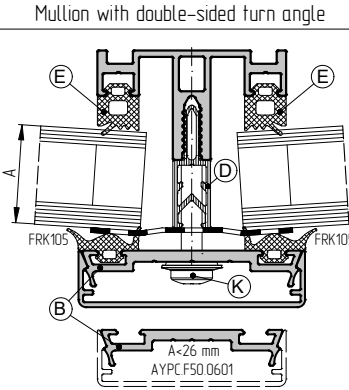
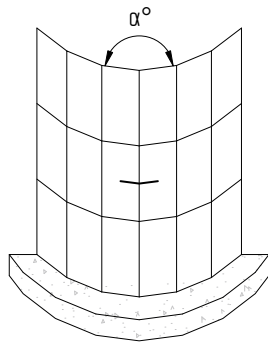
Facade glazing depending on the type of profile connection



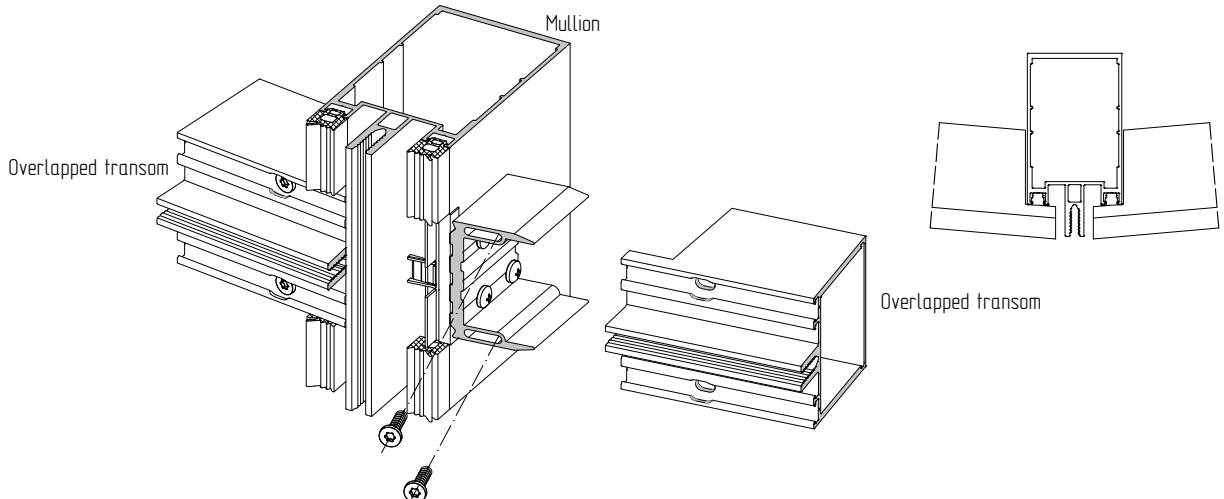
Infill unit thickness	Gasket on the mullion	Thermal break on the mullion	Gasket on the Overlapped transom	Thermal break on the transom overlapp.	Glass support			Self-tapping screw Ø5,5-A2IS014585
					bearing	leveling		
A	B	C	D	E	F	G		H/I
34 mm	FRK19	AYPC.F50.0907 AYPC.F50.0910	FRK16	AYPL.F50.0907 AYPC.F50.0910	AYPC.F50.9961-05	100x38	x2 x3 x4	5,5x55/5,5x55
36 mm	FRK18	AYPC.F50.0907 AYPC.F50.0910	FRK15	AYPL.F50.0907 AYPC.F50.0910	AYPC.F50.9961-05	100x38	x2 x3 x4	5,5x55/5,5x55
38 mm	FRK17	AYPC.F50.0907 AYPC.F50.0910	FRK14	AYPL.F50.0907 AYPC.F50.0910	AYPC.F50.9961-05	100x38	x2 x3 x4	5,5x55/5,5x55
40 mm	FRK19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.9961-04	100x44	x2 x3 x4	5,5x60/5,5x60
42 mm	FRK18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.9961-04	100x44	x2 x3 x4	5,5x60/5,5x60
44 mm	FRK17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	AYPC.F50.9961-04	100x44	x2 x3 x4	5,5x60/5,5x60
46 mm	FRK19	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.9961-03	100x50	x2 x3 x4	5,5x65/5,5x65
48 mm	FRK18	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.9961-03	100x50	x2 x3 x4	5,5x65/5,5x65
50 mm	FRK17	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	AYPC.F50.9961-03	100x50	x2 x3 x4	5,5x65/5,5x65
52 mm	FRK19	AYPC.F50.0913/AYPC.F50.0913-01	FRK16	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.9961-02	100x56	x2 x3 x4	5,5x70/5,5x70
54 mm	FRK18	AYPC.F50.0913/AYPC.F50.0913-01	FRK15	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.9961-02	100x56	x2 x3 x4	5,5x70/5,5x70
56 mm	FRK17	AYPC.F50.0913/AYPC.F50.0913-01	FRK14	AYPC.F50.0913/AYPC.F50.0913-01	AYPC.F50.9961-02	100x56	x2 x3 x4	5,5x70/5,5x70
58 mm	FRK19	AYPC.F50.0914/AYPC.F50.0914-01	FRK16	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.9961-01	100x62	x2 x3 x4	5,5x75/5,5x75
60 mm	FRK18	AYPC.F50.0914/AYPC.F50.0914-01	FRK15	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.9961-01	100x62	x2 x3 x4	5,5x75/5,5x75
62 mm	FRK17	AYPC.F50.0914/AYPC.F50.0914-01	FRK14	AYPC.F50.0914/AYPC.F50.0914-01	AYPC.F50.9961-01	100x62	x2 x3 x4	5,5x75/5,5x75
64 mm	FRK19	AYPC.F50.0907+AYPC.F50.1927	FRK16	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.9961	100x68	x2 x3 x4	5,5x80/5,5x80
66 mm	FRK18	AYPC.F50.0907+AYPC.F50.1927	FRK15	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.9961	100x68	x2 x3 x4	5,5x80/5,5x80
68 mm	FRK17	AYPC.F50.0907+AYPC.F50.1927	FRK14	AYPC.F50.0907+AYPC.F50.1927	AYPC.F50.9961	100x68	x2 x3 x4	5,5x80/5,5x80
70 mm	FRK19	AYPC.F50.0915+AYPC.F50.1927	FRK16	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9962-01	100x74	x2 x3 x4	5,5x90/5,5x90
72 mm	FRK18	AYPC.F50.0915+AYPC.F50.1927	FRK15	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9962-01	100x74	x2 x3 x4	5,5x90/5,5x90
74 mm	FRK17	AYPC.F50.0915+AYPC.F50.1927	FRK14	AYPC.F50.0915+AYPC.F50.1927	AYPC.F50.9962-01	100x74	x2 x3 x4	5,5x90/5,5x90
76 mm	FRK19	AYPC.F50.0916+AYPC.F50.1927	FRK16	AYPC.F50.0916+AYPC.F50.1927	AYPC.F50.9962	100x50+ 100x32	x2 x3 x4	5,5x95/5,5x95
78 mm	FRK18	AYPC.F50.0916+AYPC.F50.1927	FRK15	AYPC.F50.0916+AYPC.F50.1927	AYPC.F50.9962	100x50+ 100x32	x2 x3 x4	5,5x95/5,5x95
80 mm	FRK17	AYPC.F50.0916+AYPC.F50.1927	FRK14	AYPC.F50.0916+AYPC.F50.1927	AYPC.F50.9962	100x50+ 100x32	x2 x3 x4	5,5x95/5,5x95



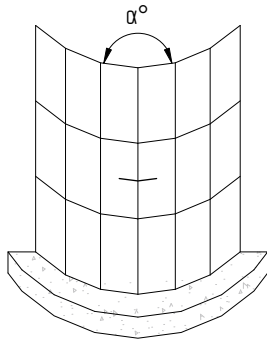
Facade glazing for external double-sided corners, depending on the type of profile connection



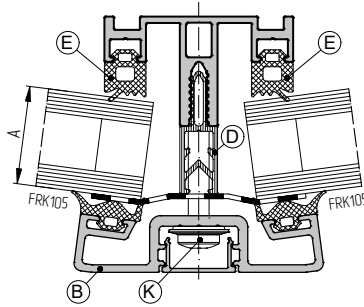
Infill unit thckn.	Turn angle	Clamp bar	Corner adapter	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support			Self-tapping screw ø5,5-A2IS014-585		
								bearing	leveling				
A	α°	B	C	D	E	F	G	I	J	K/L			
22 mm	172.5°-180°	AYPC.F50.0601	-	AYPC.F50.0905 AYPC.F50.0908	FRK 19	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
24 mm	172.5°-180°	AYPC.F50.0601	-	AYPC.F50.0905 AYPC.F50.0908	FRK 18	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
26 mm	172.5°-180°	AYPC.F50.0601	-	AYPC.F50.0905 AYPC.F50.0908	FRK 17	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
28 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0906 AYPC.F50.0909	FRK 19	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941	100x32	x1	x2	x3	x45/x45
30 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0906 AYPC.F50.0909	FRK 18	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941	100x32	x1	x2	x3	x45/x45
32 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0906 AYPC.F50.0909	FRK 17	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941	100x32	x1	x2	x3	x45/x45
34 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0907 AYPC.F50.0910	FRK 19	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941	100x38	x1	x2	x3	x55/x55
36 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0907 AYPC.F50.0910	FRK 18	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941	100x38	x1	x2	x3	x55/x55
38 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0907 AYPC.F50.0910	FRK 17	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941	100x38	x1	x2	x3	x55/x55
40 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952	100x44	x1	x2	x3	x60/x60
42 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952	100x44	x1	x2	x3	x60/x60
44 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952	100x44	x1	x2	x3	x60/x60
46 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 19	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0952	100x50	x1	x2	x3	x65/x65
48 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 18	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0952	100x50	x1	x2	x3	x65/x65
50 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 17	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0952	100x50	x1	x2	x3	x65/x65
52 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 19	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0952	100x56	x1	x2	x3	x70/x70
54 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 18	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0952	100x56	x1	x2	x3	x70/x70
56 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 17	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0952	100x56	x1	x2	x3	x70/x70
58 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 19	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952	100x62	x1	x2	x3	x80/x75
60 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 18	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952	100x62	x1	x2	x3	x80/x75
62 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 17	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952	100x62	x1	x2	x3	x80/x75
64 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0907+AYPC.F50.1927	FRK 19	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0952	100x68	x1	x2	x3	x85/x80
66 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0907+AYPC.F50.1927	FRK 18	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0952	100x68	x1	x2	x3	x85/x80
68 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0907+AYPC.F50.1927	FRK 17	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0952	100x68	x1	x2	x3	x85/x80
70 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0915+AYPC.F50.1927	FRK 19	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.09978	100x74	x1	x2	x3	x90/x90
72 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0915+AYPC.F50.1927	FRK 18	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.09978	100x74	x1	x2	x3	x90/x90
74 mm	172.5°-180°	AYPC.F50.6009	-	AYPC.F50.0915+AYPC.F50.1927	FRK 17	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.09978	100x74	x1	x2	x3	x90/x90



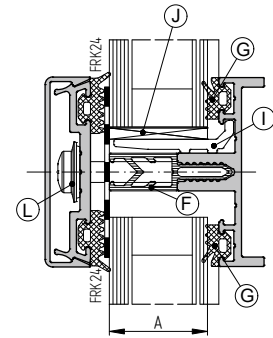
Facade glazing for external double-sided corners, depending on the type of profile connection



Mullion with double-sided turn angle

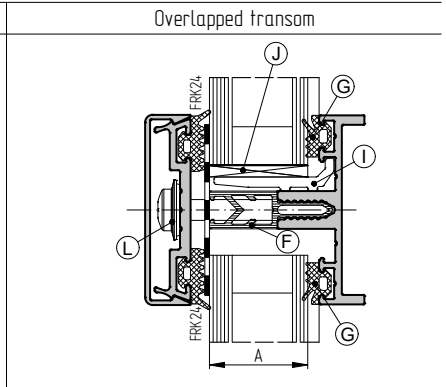
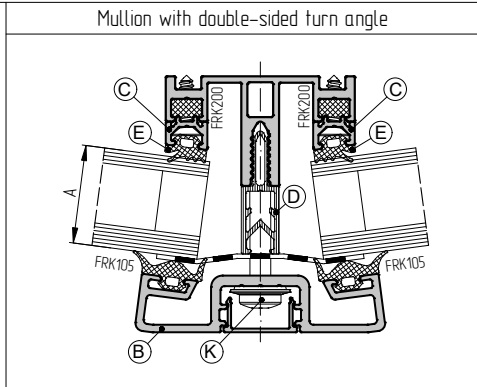
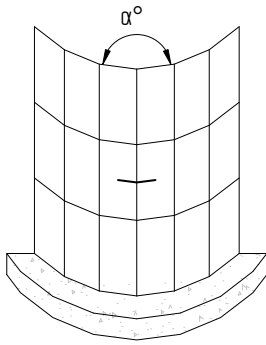


Overlapped transom



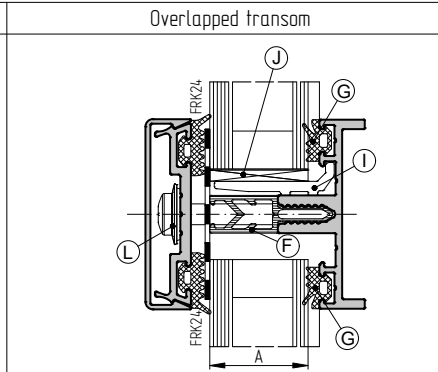
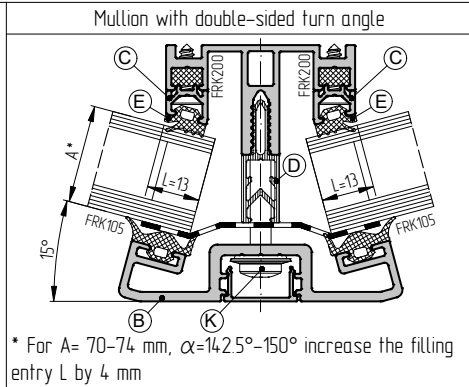
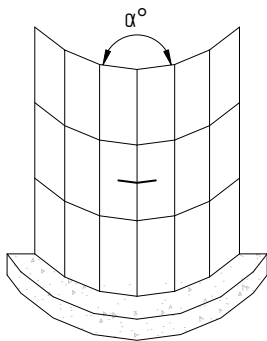
Infill unit thckn.	Turn angle	Clamp bar	Corner adapter	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support			Self-tapping screw ø5,5-A2IS014585
								bearing	leveling		
A	α°	B	C	D	E	F	G	I	J	K/L	
22 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0905 AYPC.F50.0908	FRK 19	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
24 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0905 AYPC.F50.0908	FRK 18	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
26 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0905 AYPC.F50.0908	FRK 17	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
28 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0906 AYPC.F50.0909	FRK 19	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
30 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0906 AYPC.F50.0909	FRK 18	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
32 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0906 AYPC.F50.0909	FRK 17	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9972	100x32	x1 x2 x3	x45/x45
34 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0907 AYPC.F50.0910	FRK 19	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x55/x55
36 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0907 AYPC.F50.0910	FRK 18	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x55/x55
38 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0907 AYPC.F50.0910	FRK 17	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x55/x55
40 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x60/x60
42 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x60/x60
44 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x60/x60
46 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 19	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
48 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 18	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
50 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 17	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
52 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 19	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
54 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 18	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
56 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0913/AYPC.F50.0913-01	FRK 17	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
58 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 19	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
60 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 18	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
62 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0914/AYPC.F50.0914-01	FRK 17	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
64 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0907+AYPC.F50.1927	FRK 19	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	x85/x80
66 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0907+AYPC.F50.1927	FRK 18	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	x85/x80
68 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0907+AYPC.F50.1927	FRK 17	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	x85/x80
70 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0915+AYPC.F50.1927	FRK 19	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.9978	100x74	x1 x2 x3	x90/x90
72 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0915+AYPC.F50.1927	FRK 18	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.9978	100x74	x1 x2 x3	x90/x90
74 mm	165°-172.5°	AYPC.F50.0614	-	AYPC.F50.0915+AYPC.F50.1927	FRK 17	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.9978	100x74	x1 x2 x3	x90/x90

Facade glazing for external double-sided corners, depending on the type of profile connection



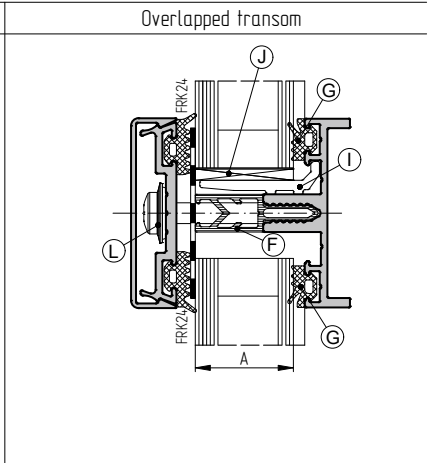
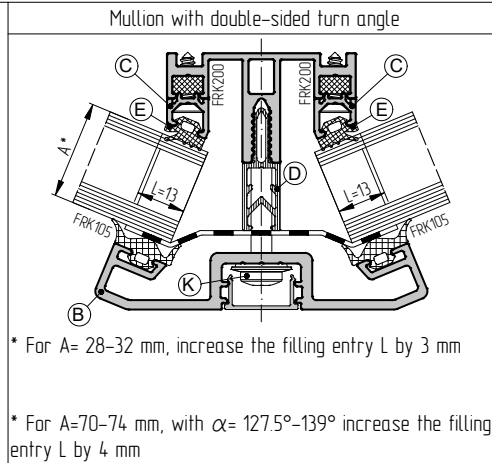
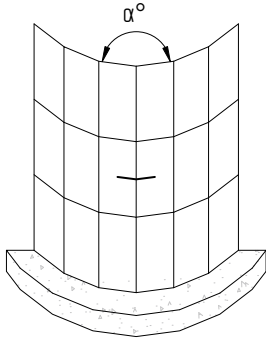
Infill unit thckn.	Turn angle	Clamp bar	Corner adapter +7.5°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support			Self-tapping screw ø5,5 A2IS014585		
								bearing	leveling				
A	α°	B	C	D	E	F	G	I	J		K/L		
22 mm	157.5°-165°	AYPC.F50.0614	AYPC.F50.0712	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
24 mm	157.5°-165°	AYPC.F50.0614	AYPC.F50.0712	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
26 mm	157.5°-165°	AYPC.F50.0614	AYPC.F50.0712	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
28 mm	157.5°-165°	AYPC.F50.0614	AYPC.F50.0712	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
30 mm	157.5°-165°	AYPC.F50.0614	AYPC.F50.0712	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
32 mm	157.5°-165°	AYPC.F50.0614	AYPC.F50.0712	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
34 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
36 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
38 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
40 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
42 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
44 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
46 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
48 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
50 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
52 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
54 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
56 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
58 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
60 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
62 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
64 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
66 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
68 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
70 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
72 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
74 mm	157.5°-165°	AYPC.F50.0614-01	AYPC.F50.0712	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90

Facade glazing for external double-sided corners, depending on the type of profile connection



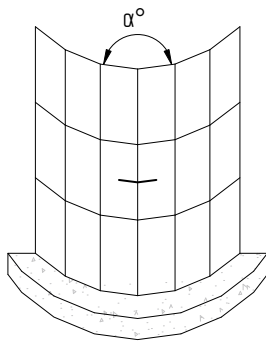
Infill unit thckn.	Turn angle	Clamp bar	Corner adapter +15°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support				Self-tapping screw ø5,5 A2ISO14585	
								bearing	leveling				
A	α	B	C	D	E	F	G	I	J	K/L			
22 mm	150°-157.5°	AYPC.F50.0605	AYPC.F50.0705	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.094.1	100x26	x1	x2	x3	x38/x38
	14.2.5°-150°	AYPC.F50.0605-01	AYPC.F50.0705										
24 mm	150°-157.5°	AYPC.F50.0605	AYPC.F50.0705	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.094.1	100x26	x1	x2	x3	x38/x38
	14.2.5°-150°	AYPC.F50.0605-01	AYPC.F50.0705										
26 mm	150°-157.5°	AYPC.F50.0605	AYPC.F50.0705	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.094.1	100x26	x1	x2	x3	x38/x38
	14.2.5°-150°	AYPC.F50.0605-01	AYPC.F50.0705										
28 mm	150°-157.5°	AYPC.F50.0605	AYPC.F50.0705	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
	14.2.5°-150°	AYPC.F50.0605-01	AYPC.F50.0705										
30 mm	150°-157.5°	AYPC.F50.0605	AYPC.F50.0705	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
	14.2.5°-150°	AYPC.F50.0605-01	AYPC.F50.0705										
32 mm	150°-157.5°	AYPC.F50.0605	AYPC.F50.0705	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
	14.2.5°-150°	AYPC.F50.0605-01	AYPC.F50.0705										
34 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
36 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
38 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
40 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
42 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
44 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
46 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
48 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
50 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
52 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
54 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
56 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
58 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
60 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
62 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
64 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
66 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
68 mm	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
	14.2.5°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705										
70mm*	150°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
	14.2.5°-150°*												
72mm*	150°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
	14.2.5°-150°*												
74mm*	150°-157.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
	14.2.5°-150°*												

Facade glazing for external double-sided corners, depending on the type of profile connection

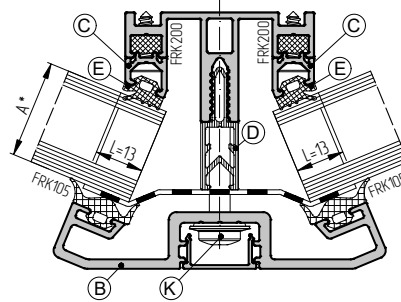


Infill unit thckn.	Turn angle	Clamp bar	Corner adapter +22.5°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Mullion gasket	Glass support				Self-tapping screw Ø5,5 A2ISO14585	
								bearing	leveling				
A	α°	B	C	D	E	F	G	I	J	K	L	K/L	
22	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
24	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
26	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
28*	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
30*	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
32*	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
34	139°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.0972	100x38	x1	x2	x3	x55/x55
	127.5°-139°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.0972	100x38	x1	x2	x3	x55/x55
36	139°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.0972	100x38	x1	x2	x3	x55/x55
	127.5°-139°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.0972	100x38	x1	x2	x3	x55/x55
38	139°-142.5°	AYPC.F50.0615	AYPC.F50.0713	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
	127.5°-139°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
40	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
42	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
44	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x60/x60
46	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
48	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
50	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
52	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
54	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
56	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x70/x70
58	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
60	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
62	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x80/x75
64	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
66	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
68	127.5°-142.5°	AYPC.F50.0615-01	AYPC.F50.0713	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x85/x80
70*	139°-142.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
	127.5°-139°												
72*	139°-142.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
	127.5°-139°												
74*	139°-142.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.9978	100x74	x1	x2	x3	x90/x90
	127.5°-139°												

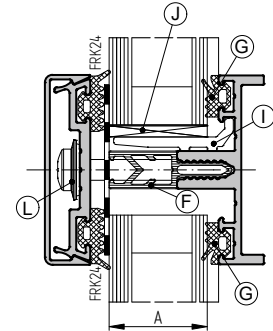
Facade glazing for external double-sided corners, depending on the type of profile connection



Mullion with double-sided turn angle



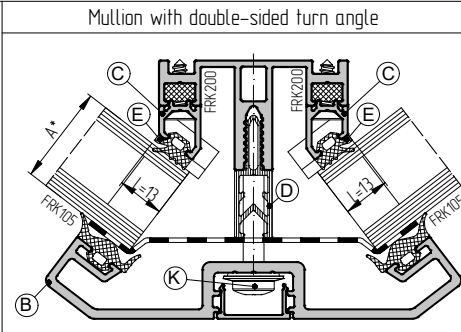
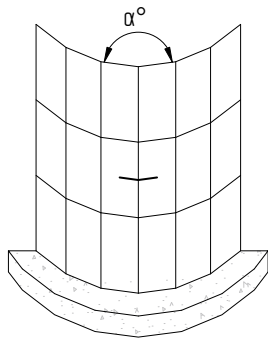
Overlapped transom



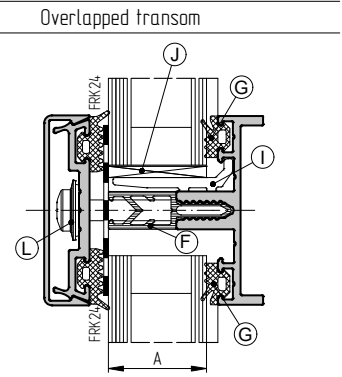
* For A=70-74 mm, with $\alpha=112.5^\circ-120^\circ$ increase the filling entry L by 7 mm

Infill unit thckn.	Turn angle	Clamp bar	Corner adapter +30°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support				Self-tapping screw $\varnothing 5,5$ A2ISO14585	
								bearing	leveling				
A	α°	B	C	D	E	F	G	I	J			K/L	
22	112.5°-127.5°	AYPC.F50.0606	AYPC.F50.0706	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
24	112.5°-127.5°	AYPC.F50.0606	AYPC.F50.0706	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
26	112.5°-127.5°	AYPC.F50.0606	AYPC.F50.0706	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
28	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.0971	100x32	x1	x2	x3	x45/x45
30	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.0971	100x32	x1	x2	x3	x45/x45
32	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.0971	100x32	x1	x2	x3	x45/x45
34	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.0972	100x38	x1	x2	x3	x55/x55
36	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.0972	100x38	x1	x2	x3	x55/x55
38	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.0972	100x38	x1	x2	x3	x55/x55
40	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0915 AYPC.F50.0911	FRK 16	AYPC.F50.0915 AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.0973	100x44	x1	x2	x3	x60/x60
42	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0915 AYPC.F50.0911	FRK 15	AYPC.F50.0915 AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.0973	100x44	x1	x2	x3	x60/x60
44	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0915 AYPC.F50.0911	FRK 14	AYPC.F50.0915 AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.0973	100x44	x1	x2	x3	x60/x60
46	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0916 AYPC.F50.0912-01	FRK 16	AYPC.F50.0916 AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.0974	100x50	x1	x2	x3	x65/x65
48	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0916 AYPC.F50.0912-01	FRK 15	AYPC.F50.0916 AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.0974	100x50	x1	x2	x3	x65/x65
50	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0916 AYPC.F50.0912-01	FRK 14	AYPC.F50.0916 AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.0974	100x50	x1	x2	x3	x65/x65
52	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0913 AYPC.F50.0913-01	FRK 16	AYPC.F50.0913 AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.0975	100x56	x1	x2	x3	x70/x70
54	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0913 AYPC.F50.0913-01	FRK 15	AYPC.F50.0913 AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.0975	100x56	x1	x2	x3	x70/x70
56	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0913 AYPC.F50.0913-01	FRK 14	AYPC.F50.0913 AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.0975	100x56	x1	x2	x3	x70/x70
58	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0914 AYPC.F50.0914-01	FRK 16	AYPC.F50.0914 AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.0976	100x62	x1	x2	x3	x80/x75
60	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0914 AYPC.F50.0914-01	FRK 15	AYPC.F50.0914 AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.0976	100x62	x1	x2	x3	x80/x75
62	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0914 AYPC.F50.0914-01	FRK 14	AYPC.F50.0914 AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.0976	100x62	x1	x2	x3	x80/x75
64	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0907+AYPC.F50.1927	FRK 16	AYPC.F50.0952-04 AYPC.F50.0977	100x68	x1	x2	x3	x85/x80
66	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0907+AYPC.F50.1927	FRK 15	AYPC.F50.0952-04 AYPC.F50.0977	100x68	x1	x2	x3	x85/x80
68	112.5°-127.5°	AYPC.F50.0606-01	AYPC.F50.0706	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0907+AYPC.F50.1927	FRK 14	AYPC.F50.0952-04 AYPC.F50.0977	100x68	x1	x2	x3	x85/x80
70*	120°-127.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.0915+AYPC.F50.1927	FRK 16	AYPC.F50.0978	100x74	x1	x2	x3	x90/x90
	112.5°-120°*												
72*	120°-127.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.0915+AYPC.F50.1927	FRK 15	AYPC.F50.0978	100x74	x1	x2	x3	x90/x90
	112.5°-120°*												
74*	120°-127.5°	AYPC.F50.0605-01	AYPC.F50.0705	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.0915+AYPC.F50.1927	FRK 14	AYPC.F50.0978	100x74	x1	x2	x3	x90/x90
	112.5°-120°*												

Facade glazing for external double-sided corners, depending on the type of profile connection

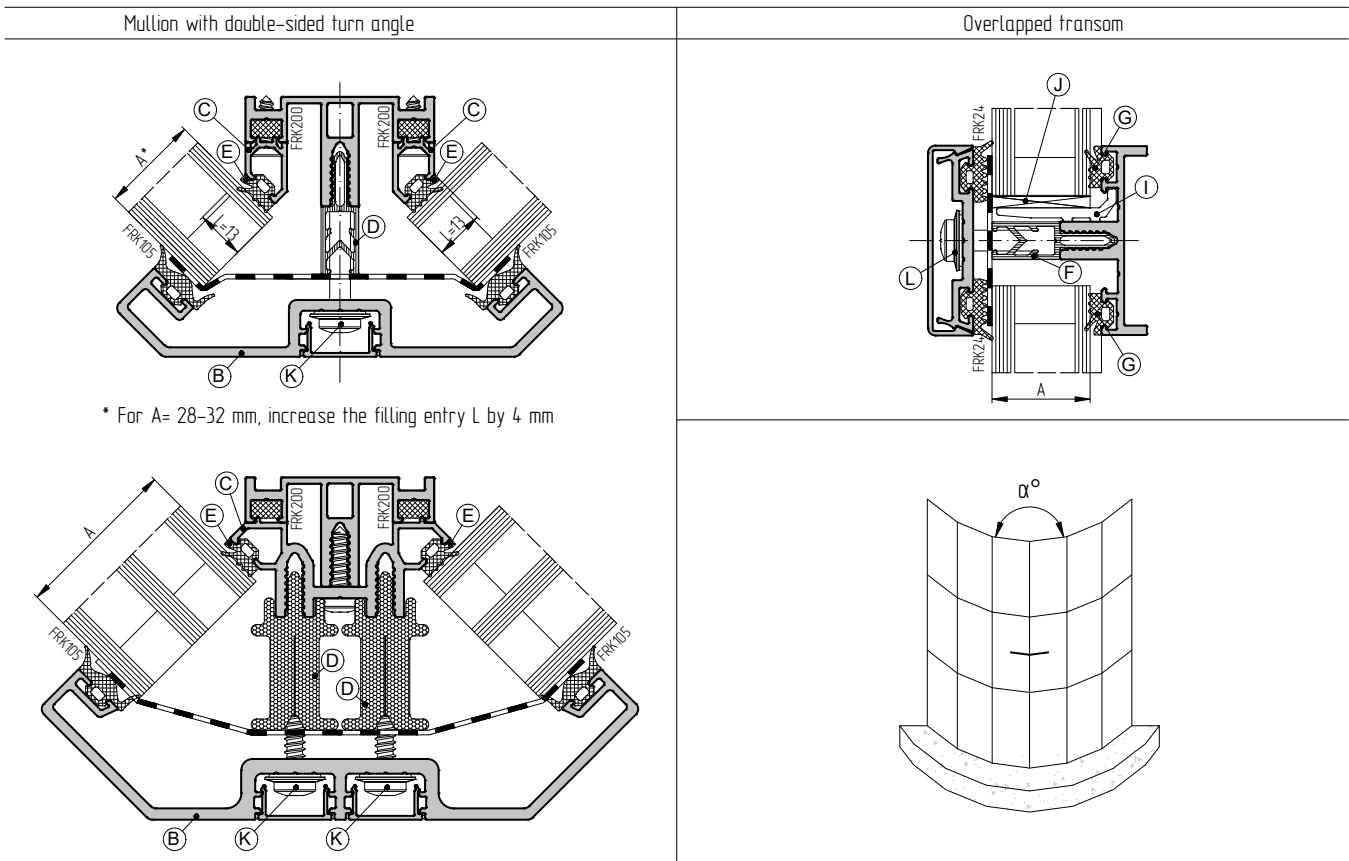


* For A= 28-32 mm, increase the filling entry L by 4 mm
* For A= 70-74 mm, increase the filling entry L by 4 mm



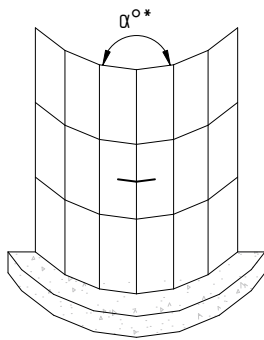
Infill unit thickn.	Turn angle	Clamp bar	Corner adapter +37.5°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support			Self-tapping screw Ø5,5 A2ISO14585
								bearing	leveling		
A	α°	B	C	D	E	F	G	I	J	K/L	
22	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
24	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
26	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
28*	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
30*	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
32*	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
34	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x45/x55
36	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x45/x55
38	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x45/x55
40	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x55/x60
42	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x55/x60
44	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x55/x60
46	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
48	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
50	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0916 AYPC.F50.0912/AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
52	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0913/AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
54	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0913/AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
56	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0913/AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
58	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
60	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
62	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
64	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0914/AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	x85/x80
66	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0914/AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	x85/x80
68	97.5°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0914/AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1 x2 x3	x85/x80
70*	105°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0915-AYPC.F50.1927	FRK 16	AYPC.F50.0915-AYPC.F50.1927	FRK 16	AYPC.F50.9978	100x74	x1 x2 x3	x95/x90
72*	105°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0915-AYPC.F50.1927	FRK 15	AYPC.F50.0915-AYPC.F50.1927	FRK 15	AYPC.F50.9978	100x74	x1 x2 x3	x95/x90
74*	105°-112.5°	AYPC.F50.0616-01	AYPC.F50.0714	AYPC.F50.0915-AYPC.F50.1927	FRK 14	AYPC.F50.0915-AYPC.F50.1927	FRK 14	AYPC.F50.9978	100x74	x1 x2 x3	x95/x90

Facade glazing for external double-sided corners, depending on the type of profile connection

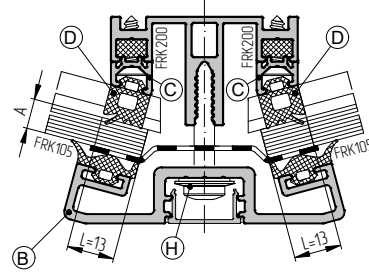


Infill unit thickn.	Turn angle	Clamp bar	Corner adapter +45°/+90°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support				Self-tapping screw ø5,5 A2ISO14585	
								bearing	leveling				
A	α°	B	C	D	E	F	G	I	J	K/L			
22	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1	x2	x3	x45/x38
24	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1	x2	x3	x45/x38
26	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1	x2	x3	x45/x38
28*	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x50/x45
30*	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x50/x45
32*	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x50/x45
34	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x50/x55
36	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x50/x55
38	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x50/x55
40	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0915 AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x60
42	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0915 AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x60
44	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0915 AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.9973	100x44	x1	x2	x3	x55/x60
46	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0915 AYPC.F50.0911-01	FRK 16	AYPC.F50.0916 AYPC.F50.0912-01	FRK 16	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
48	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0915 AYPC.F50.0911-01	FRK 15	AYPC.F50.0916 AYPC.F50.0912-01	FRK 15	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
50	90°-97.5°	AYPC.F50.0607-01	AYPC.F50.0715	AYPC.F50.0915 AYPC.F50.0911-01	FRK 14	AYPC.F50.0916 AYPC.F50.0912-01	FRK 14	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1	x2	x3	x65/x65
52	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0912 AYPC.F50.0912-01	FRK 16	AYPC.F50.0913 AYPC.F50.0913-01	FRK 16	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x60/x70
54	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0912 AYPC.F50.0912-01	FRK 15	AYPC.F50.0913 AYPC.F50.0913-01	FRK 15	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x60/x70
56	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0912 AYPC.F50.0912-01	FRK 14	AYPC.F50.0913 AYPC.F50.0913-01	FRK 14	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1	x2	x3	x60/x70
58	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0913 AYPC.F50.0913-01	FRK 16	AYPC.F50.0914 AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x75
60	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0913 AYPC.F50.0913-01	FRK 15	AYPC.F50.0914 AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x75
62	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0913 AYPC.F50.0913-01	FRK 14	AYPC.F50.0914 AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1	x2	x3	x70/x75
64	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0914 AYPC.F50.0914-01	FRK 16	AYPC.F50.0914 AYPC.F50.0914-01	FRK 16	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x80
66	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0914 AYPC.F50.0914-01	FRK 15	AYPC.F50.0914 AYPC.F50.0914-01	FRK 15	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x80
68	90°-97.5°	AYPC.F50.0607-02	AYPC.F50.0715	AYPC.F50.0914 AYPC.F50.0914-01	FRK 14	AYPC.F50.0914 AYPC.F50.0914-01	FRK 14	AYPC.F50.0952-04 AYPC.F50.9977	100x68	x1	x2	x3	x75/x80

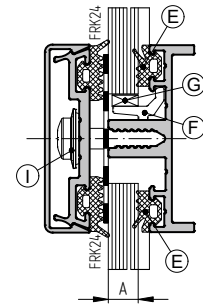
Facade glazing for external double-sided corners, depending on the type of profile connection



Mullion with double-sided turn angle

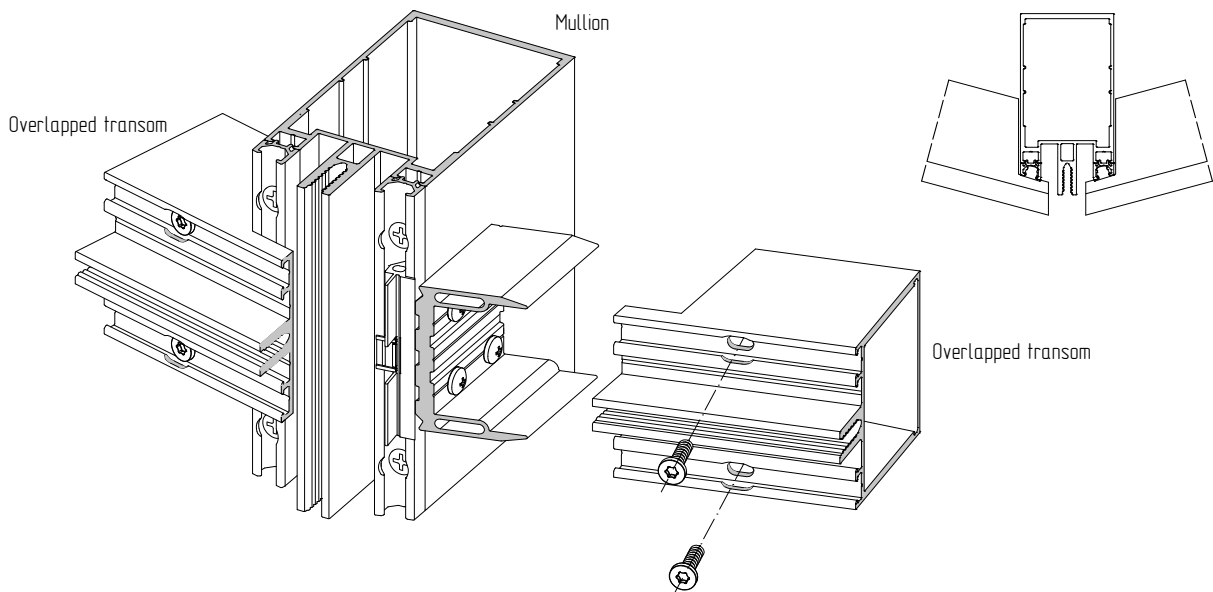


Overlapped transom

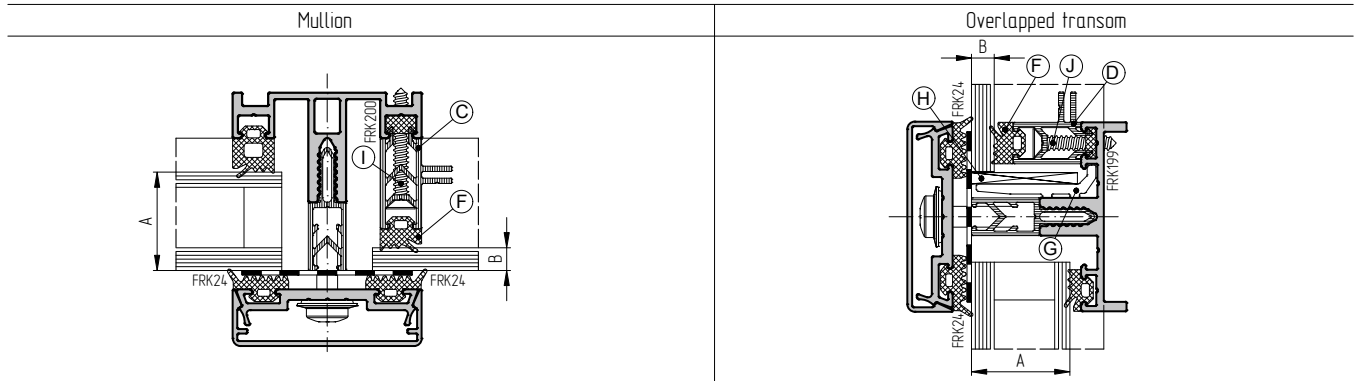


* For $\alpha=14.25^\circ-157.5^\circ$ reduce the entry of glass unit L by 2 mm

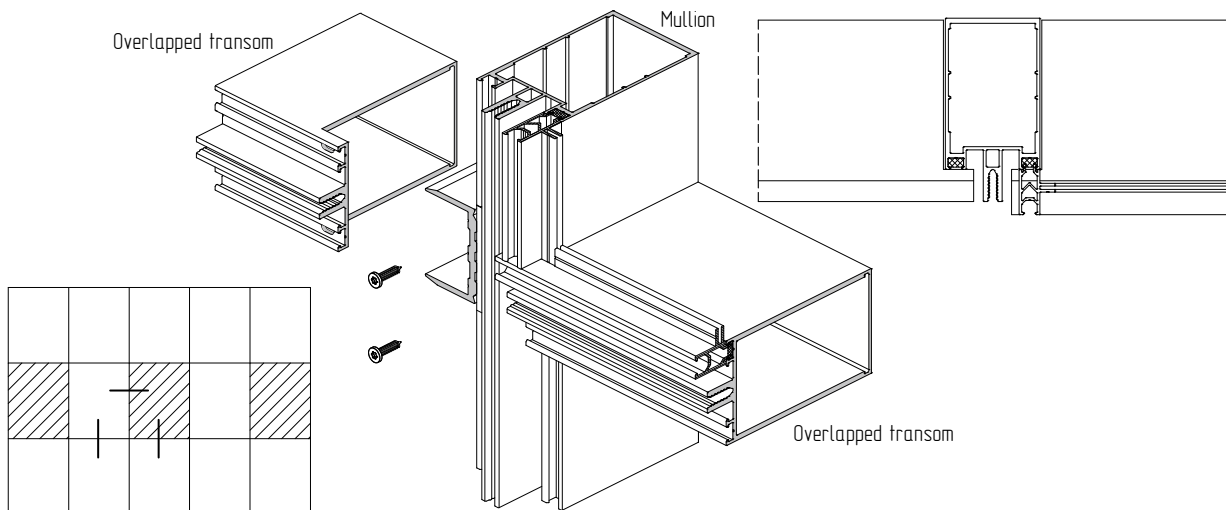
Infill unit thickness	Corner of turn	Clamp bar	Corner adapter		Gasket on the mullion	Transom gasket overlapped	Glass support		Self-tapping screw $\varnothing 5,5-A2ISO14585$
							bearing	leveling	
A	α	B	C		D	E	F	G	H/I
4 mm	172.5°-180°	AYPC.F50.6009	-		FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1mm	x22/x22
5mm/6 mm	172.5°-180°	AYPC.F50.6009	-		FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x22/x22
8 mm	172.5°-180°	AYPC.F50.6009	-		FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x22/x22
4 mm	157.5°-172.5°	AYPC.F50.0614	AYPC.F50.0712	+7.5°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1mm	x25/x22
5mm/6 mm	157.5°-172.5°	AYPC.F50.0614	AYPC.F50.0712	+7.5°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x25/x22
8 mm	157.5°-172.5°	AYPC.F50.0614	AYPC.F50.0712	+7.5°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x25/x22
4 mm	142.5°-157.5°*	AYPC.F50.0605	AYPC.F50.0705	+15°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1mm	x25/x22
5mm/6 mm	142.5°-157.5°*	AYPC.F50.0605	AYPC.F50.0705	+15°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x25/x22
8 mm	142.5°-157.5°*	AYPC.F50.0605	AYPC.F50.0705	+15°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x25/x22
4 mm	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	+22.5°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1mm	x25/x22
5mm/6 mm	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	+22.5°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x25/x22
8 mm	127.5°-142.5°	AYPC.F50.0615	AYPC.F50.0713	+22.5°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x25/x22
4 mm	112.5°-127.5°	AYPC.F50.0606	AYPC.F50.0706	+30°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1mm	x25/x22
5mm/6 mm	112.5°-127.5°	AYPC.F50.0606	AYPC.F50.0706	+30°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x25/x22
8 mm	112.5°-127.5°	AYPC.F50.0606	AYPC.F50.0706	+30°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x25/x22
4 mm	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	+37.5°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1mm	x25/x22
5mm/6 mm	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	+37.5°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x25/x22
8 mm	97.5°-112.5°	AYPC.F50.0616	AYPC.F50.0714	+37.5°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x25/x22
4 mm	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	+45°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1mm	x25/x22
5mm/6 mm	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	+45°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x25/x22
8 mm	90°-97.5°	AYPC.F50.0607	AYPC.F50.0707	+45°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x25/x22



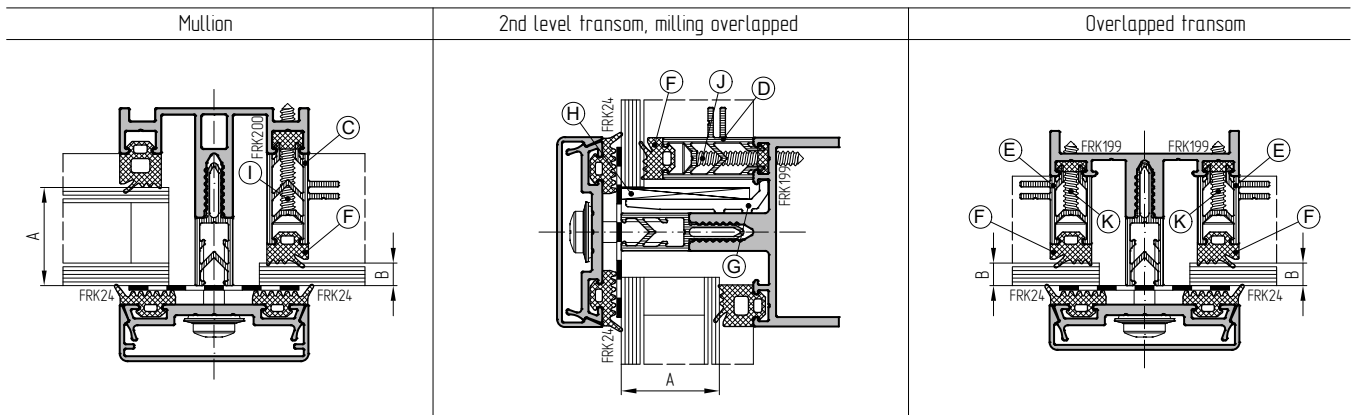
Facade glazing with the installation of distance inserts depending on the type of profile connection



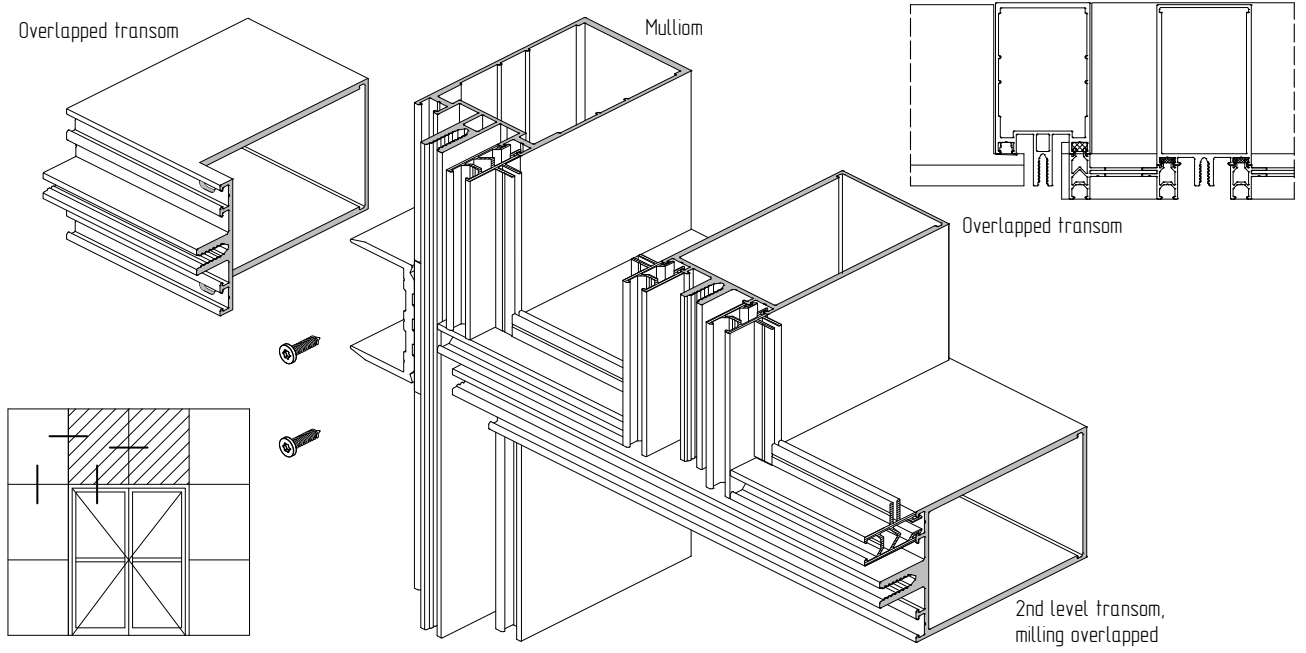
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the Overlapped transom	Gasket on distance profiles	Glass support			Self-tapping screw Ø3,9-A2ISO14586 increment 300mm		
					bearing	leveling				
A	B	C	D	F	G	H		I/J		
22-26 mm	4 mm	AYPC.F50.0902	AYPC.F50.0901	FRK16	AYPC.F50.0941	100x26	x1	x2	x3	x32/x25
	6 mm	AYPC.F50.0902	AYPC.F50.0901	FRK15	AYPC.F50.0941	100x26	x1	x2	x3	x32/x25
	8 mm	AYPC.F50.0902	AYPC.F50.0901	FRK14	AYPC.F50.0941	100x26	x1	x2	x3	x32/x25
28-32 mm	4 mm	AYPC.F50.0903	AYPC.F50.0902	FRK16	AYPC.F50.0941-01	100x32	x1	x2	x3	x38/x32
	6 mm	AYPC.F50.0903	AYPC.F50.0902	FRK15	AYPC.F50.0941-01	100x32	x1	x2	x3	x38/x32
	8 mm	AYPC.F50.0903	AYPC.F50.0902	FRK14	AYPC.F50.0941-01	100x32	x1	x2	x3	x38/x32
34-38 mm	4 mm	AYPC.F50.0903	AYPC.F50.0902	FRK19	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x32
	6 mm	AYPC.F50.0903	AYPC.F50.0902	FRK18	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x32
	8 mm	AYPC.F50.0903	AYPC.F50.0902	FRK17	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x32
40-44 mm	4 mm	AYPC.F50.0902+AYPC.F50.0901	AYPC.F50.0901+AYPC.F50.0901	FRK16	AYPC.F50.0952	100x44	x1	x2	x3	x50/x45
	6 mm			FRK15	AYPC.F50.0952	100x44	x1	x2	x3	x50/x45
	8 mm			FRK14	AYPC.F50.0952	100x44	x1	x2	x3	x50/x45
46-50 mm	4 mm	AYPC.F50.0902+AYPC.F50.0901	AYPC.F50.0901+AYPC.F50.0901	FRK19	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x45
	6 mm			FRK18	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x45
	8 mm			FRK17	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x45
52-56 mm	4 mm	AYPC.F50.0903+AYPC.F50.0902	AYPC.F50.0902+AYPC.F50.0902	FRK16	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x55
	6 mm			FRK15	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x55
	8 mm			FRK14	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x55
58-62 mm	4 mm	AYPC.F50.0903+AYPC.F50.0902	AYPC.F50.0902+AYPC.F50.0902	FRK19	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x55
	6 mm			FRK18	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x55
	8 mm			FRK17	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x55
64-68 mm	4 mm	AYPC.F50.0903+AYPC.F50.0903	AYPC.F50.0903+AYPC.F50.0902	FRK19	AYPC.F50.0952-04	100x68	x1	x2	x3	x70/x60
	6 mm			FRK18	AYPC.F50.0952-04	100x68	x1	x2	x3	x70/x60
	8 mm			FRK17	AYPC.F50.0952-04	100x68	x1	x2	x3	x70/x60
70-74 mm	4 mm	AYPC.F50.0903+AYPC.F50.0903 +AYPC.F50.1933	AYPC.F50.0903+AYPC.F50.0903	FRK19	AYPC.F50.9978	100x74	x1	x2	x3	x70/x70
	6 mm			FRK18	AYPC.F50.9978	100x74	x1	x2	x3	x70/x70
	8 mm			FRK17	AYPC.F50.9978	100x74	x1	x2	x3	x70/x70



Facade glazing with the installation of distance inserts depending on the type of profile connection



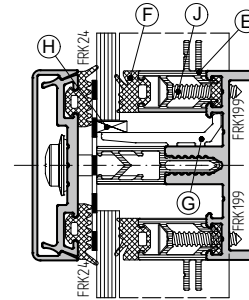
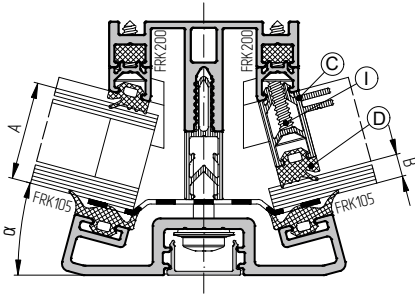
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the 2nd level transom milling overlapped	Distance profile on the overlapped transom	Gasket on distance profiles	Glass support		Self-tapping screw $\varnothing 3,9-A2IS014586$ increment 300mm
						bearing	leveling	
A	B	C	D	E	F	G	H	I/J/K
22-26 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	AYPC.F50.0901	FRK16	AYPC.F50.0941-01	100x32 x1 x2 x3	x32/x32/x25
	6 mm	AYPC.F50.0902	AYPC.F50.0902	AYPC.F50.0901	FRK15	AYPC.F50.0941-01	100x32 x1 x2 x3	x32/x32/x25
	8 mm	AYPC.F50.0902	AYPC.F50.0902	AYPC.F50.0901	FRK14	AYPC.F50.0941-01	100x32 x1 x2 x3	x32/x32/x25
28-32 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK16	AYPC.F50.0941-02	100x38 x1 x2 x3	x38/x38/x32
	6 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK15	AYPC.F50.0941-02	100x38 x1 x2 x3	x38/x38/x32
	8 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK14	AYPC.F50.0941-02	100x38 x1 x2 x3	x38/x38/x32
34-38 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK19	AYPC.F50.0952	100x44 x1 x2 x3	x38/x38/x32
	6 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK18	AYPC.F50.0952	100x44 x1 x2 x3	x38/x38/x32
	8 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK17	AYPC.F50.0952	100x44 x1 x2 x3	x38/x38/x32
40-44 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	AYPC.F50.0901	FRK16	AYPC.F50.0952-01	100x50 x1 x2 x3	x50/x50/x45
	6 mm	+	+	+	FRK15	AYPC.F50.0952-01	100x50 x1 x2 x3	x50/x50/x45
	8 mm	AYPC.F50.0901	AYPC.F50.0901	AYPC.F50.0901	FRK14	AYPC.F50.0952-01	100x50 x1 x2 x3	x50/x50/x45
46-50 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	AYPC.F50.0901	FRK19	AYPC.F50.0952-02	100x56 x1 x2 x3	x50/x50/x45
	6 mm	+	+	+	FRK18	AYPC.F50.0952-02	100x56 x1 x2 x3	x50/x50/x45
	8 mm	AYPC.F50.0901	AYPC.F50.0901	AYPC.F50.0901	FRK17	AYPC.F50.0952-02	100x56 x1 x2 x3	x50/x50/x45
52-56 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK16	AYPC.F50.0952-03	100x62 x1 x2 x3	x60/x60/x60
	6 mm	+	+	+	FRK15	AYPC.F50.0952-03	100x62 x1 x2 x3	x60/x60/x60
	8 mm	AYPC.F50.0902	AYPC.F50.0902	AYPC.F50.0902	FRK14	AYPC.F50.0952-03	100x62 x1 x2 x3	x60/x60/x60
58-62 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0903	FRK16	AYPC.F50.0952-04	100x68 x1 x2 x3	x70/x70/x60
	6 mm	+	+	+	FRK15	AYPC.F50.0952-04	100x68 x1 x2 x3	x70/x70/x60
	8 mm	AYPC.F50.0903	AYPC.F50.0903	AYPC.F50.0902	FRK14	AYPC.F50.0952-04	100x68 x1 x2 x3	x70/x70/x60



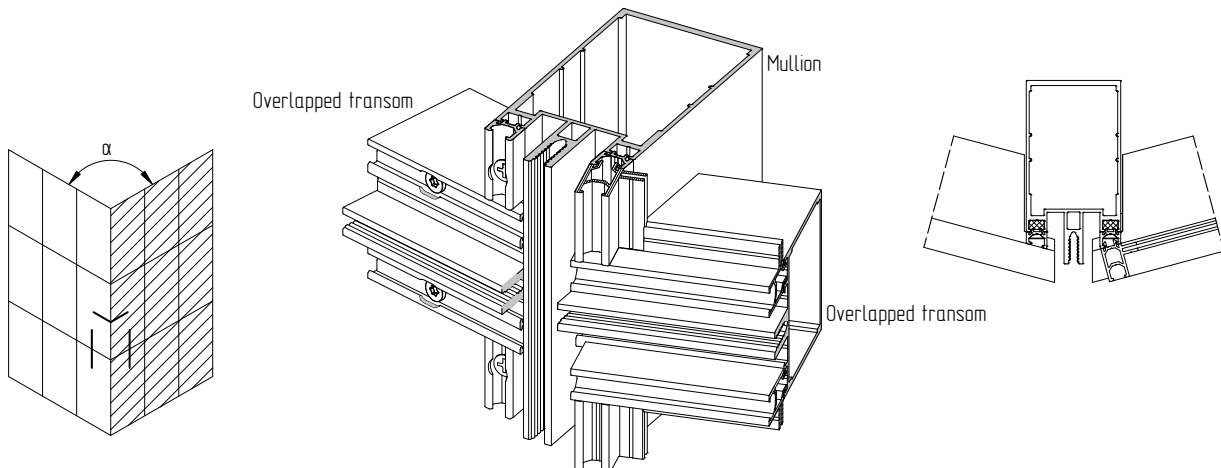
Facade glazing with the installation of distance inserts depending on the type of profile connection for external double-sided corners, depending on the type of profile connection

Mullion with double-sided corner $\alpha=7,5^\circ/15^\circ/22,5^\circ/30^\circ/37,5^\circ/45^\circ$

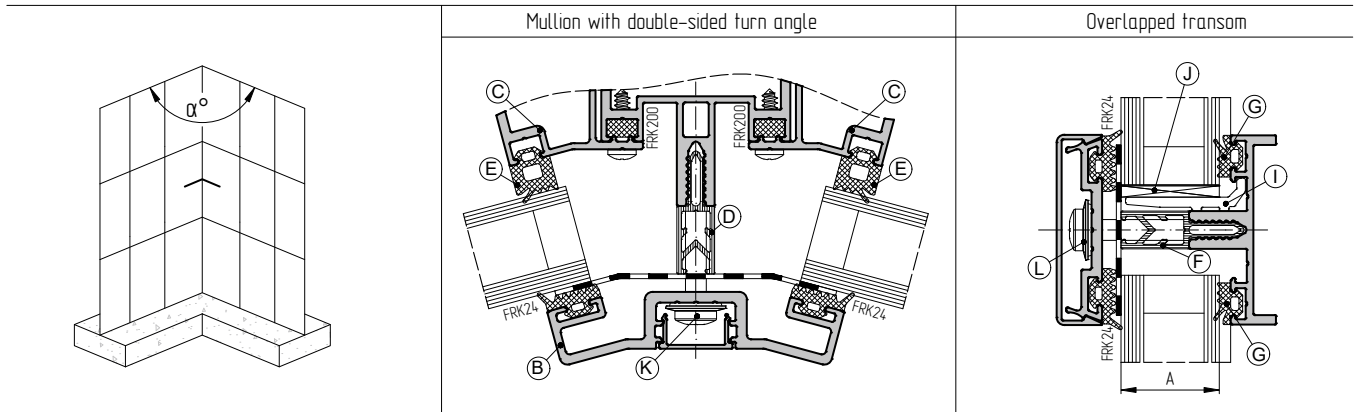
Overlapped transom



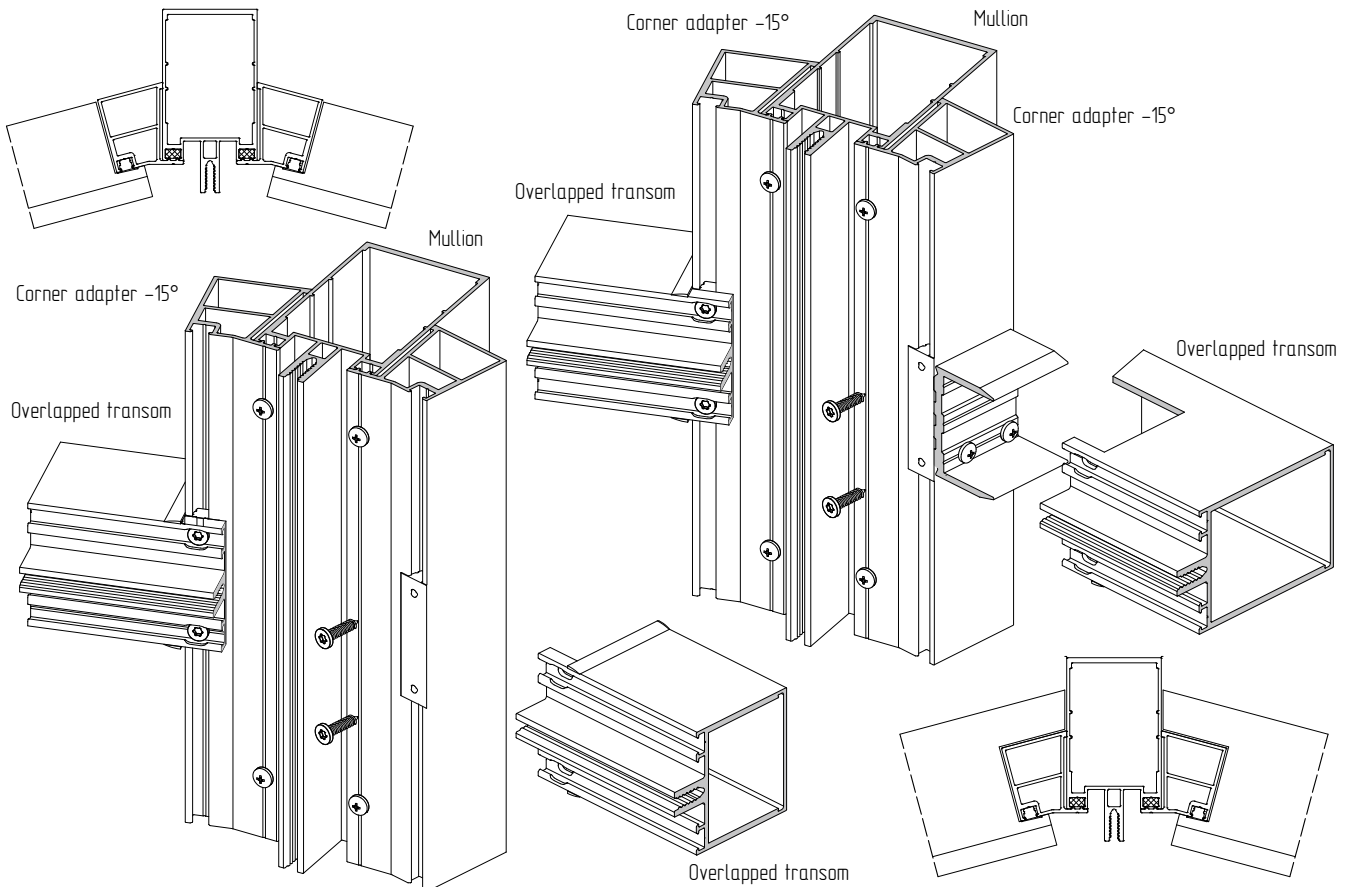
Infill unit thickness	Infill unit thickness	Distance profile on the mullion with double-sided corner $\alpha=7,5^\circ/15^\circ/22,5^\circ/30^\circ/37,5^\circ/45^\circ$	Gasket on distance mullion profile with double-sided corner $\alpha=7,5^\circ/15^\circ/22,5^\circ/30^\circ/37,5^\circ/45^\circ$	Overlapped transom distance profile	Gasket on the distance transom profile overlapped	Glass support		Self-tapping screw $\varnothing 3,9-A2$ ISO14586 increment 300mm	
						bearing	leveling		
A	B	C	D	E	F	G	H	I/J	
22-26 mm	4 mm	AYPC.F50.0901	FRK16	AYPC.F50.0901	FRK16	AYPC.F50.0941	100x26	x1 x2 x3	x25/x25
	6 mm	AYPC.F50.0901	FRK15	AYPC.F50.0901	FRK15	AYPC.F50.0941	100x26	x1 x2 x3	x25/x25
	8 mm	AYPC.F50.0901	FRK14	AYPC.F50.0901	FRK14	AYPC.F50.0941	100x26	x1 x2 x3	x25/x25
28-32 mm	4 mm	AYPC.F50.0902	FRK16	AYPC.F50.0902	FRK16	AYPC.F50.0941-01	100x32	x1 x2 x3	x32/x32
	6 mm	AYPC.F50.0902	FRK15	AYPC.F50.0902	FRK15	AYPC.F50.0941-01	100x32	x1 x2 x3	x32/x32
	8 mm	AYPC.F50.0902	FRK14	AYPC.F50.0902	FRK14	AYPC.F50.0941-01	100x32	x1 x2 x3	x32/x32
34-38 mm	4 mm	AYPC.F50.0902	FRK19	AYPC.F50.0902	FRK19	AYPC.F50.0941-02	100x38	x1 x2 x3	x32/x32
	6 mm	AYPC.F50.0902	FRK18	AYPC.F50.0902	FRK18	AYPC.F50.0941-02	100x38	x1 x2 x3	x32/x32
	8 mm	AYPC.F50.0902	FRK17	AYPC.F50.0902	FRK17	AYPC.F50.0941-02	100x38	x1 x2 x3	x32/x32
40-44 mm	4 mm	AYPC.F50.0901	FRK16	AYPC.F50.0901	FRK16	AYPC.F50.0952	100x44	x1 x2 x3	x45/x45
	6 mm	+	FRK15	+	FRK15	AYPC.F50.0952	100x44	x1 x2 x3	x45/x45
	8 mm	AYPC.F50.0901	FRK14	AYPC.F50.0901	FRK14	AYPC.F50.0952	100x44	x1 x2 x3	x45/x45
46-50 mm	4 mm	AYPC.F50.0901	FRK19	AYPC.F50.0901	FRK19	AYPC.F50.0952-01	100x50	x1 x2 x3	x45/x45
	6 mm	+	FRK18	+	FRK18	AYPC.F50.0952-01	100x50	x1 x2 x3	x45/x45
	8 mm	AYPC.F50.0901	FRK17	AYPC.F50.0901	FRK17	AYPC.F50.0952-01	100x50	x1 x2 x3	x45/x45
52-56 mm	4 mm	AYPC.F50.0902	FRK16	AYPC.F50.0902	FRK16	AYPC.F50.0952-02	100x56	x1 x2 x3	x60/x55
	6 mm	+	FRK15	+	FRK15	AYPC.F50.0952-02	100x56	x1 x2 x3	x60/x55
	8 mm	AYPC.F50.0902	FRK14	AYPC.F50.0902	FRK14	AYPC.F50.0952-02	100x56	x1 x2 x3	x60/x55
58-62 mm	4 mm	AYPC.F50.0902	FRK19	AYPC.F50.0902	FRK19	AYPC.F50.0952-03	100x62	x1 x2 x3	x60/x55
	6 mm	+	FRK18	+	FRK18	AYPC.F50.0952-03	100x62	x1 x2 x3	x60/x55
	8 mm	AYPC.F50.0902	FRK17	AYPC.F50.0902	FRK17	AYPC.F50.0952-03	100x62	x1 x2 x3	x60/x55
64-68 mm	4 mm	AYPC.F50.0902	FRK19	AYPC.F50.0902	FRK19	AYPC.F50.0952-04	100x68	x1 x2 x3	x65/x60
	6 mm	+	FRK18	+	FRK18	AYPC.F50.0952-04	100x68	x1 x2 x3	x65/x60
	8 mm	AYPC.F50.0903	FRK17	AYPC.F50.0903	FRK17	AYPC.F50.0952-04	100x68	x1 x2 x3	x65/x60
70-74 mm	4 mm	AYPC.F50.0903	FRK19	AYPC.F50.0903	FRK19	AYPC.F50.9978	100x74	x1 x2 x3	x70/x65
	6 mm	+	FRK18	+	FRK18	AYPC.F50.9978	100x74	x1 x2 x3	x70/x65
	8 mm	AYPC.F50.0903	FRK17	AYPC.F50.0903	FRK17	AYPC.F50.9978	100x74	x1 x2 x3	x70/x65



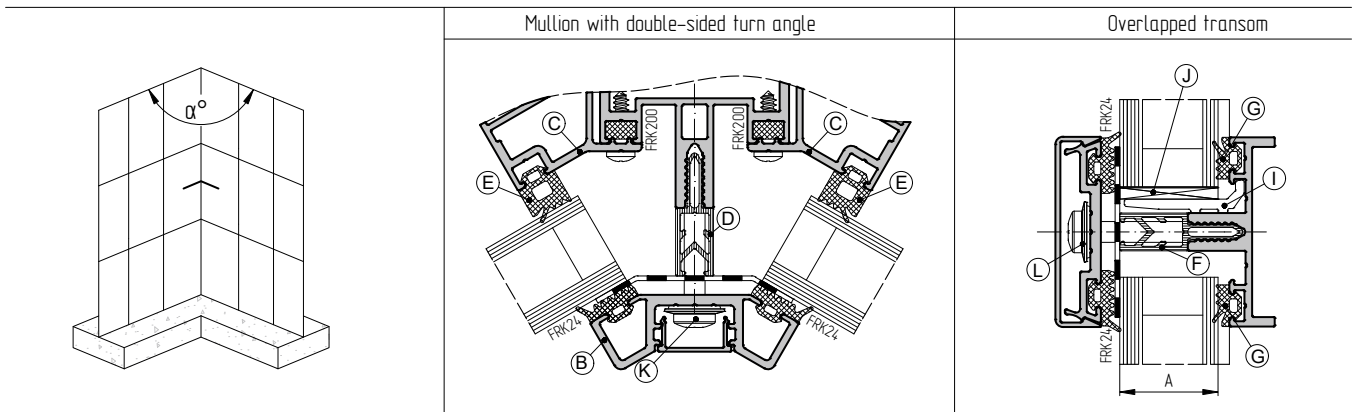
Facade glazing for external double-sided corners, depending on the type of profile connection



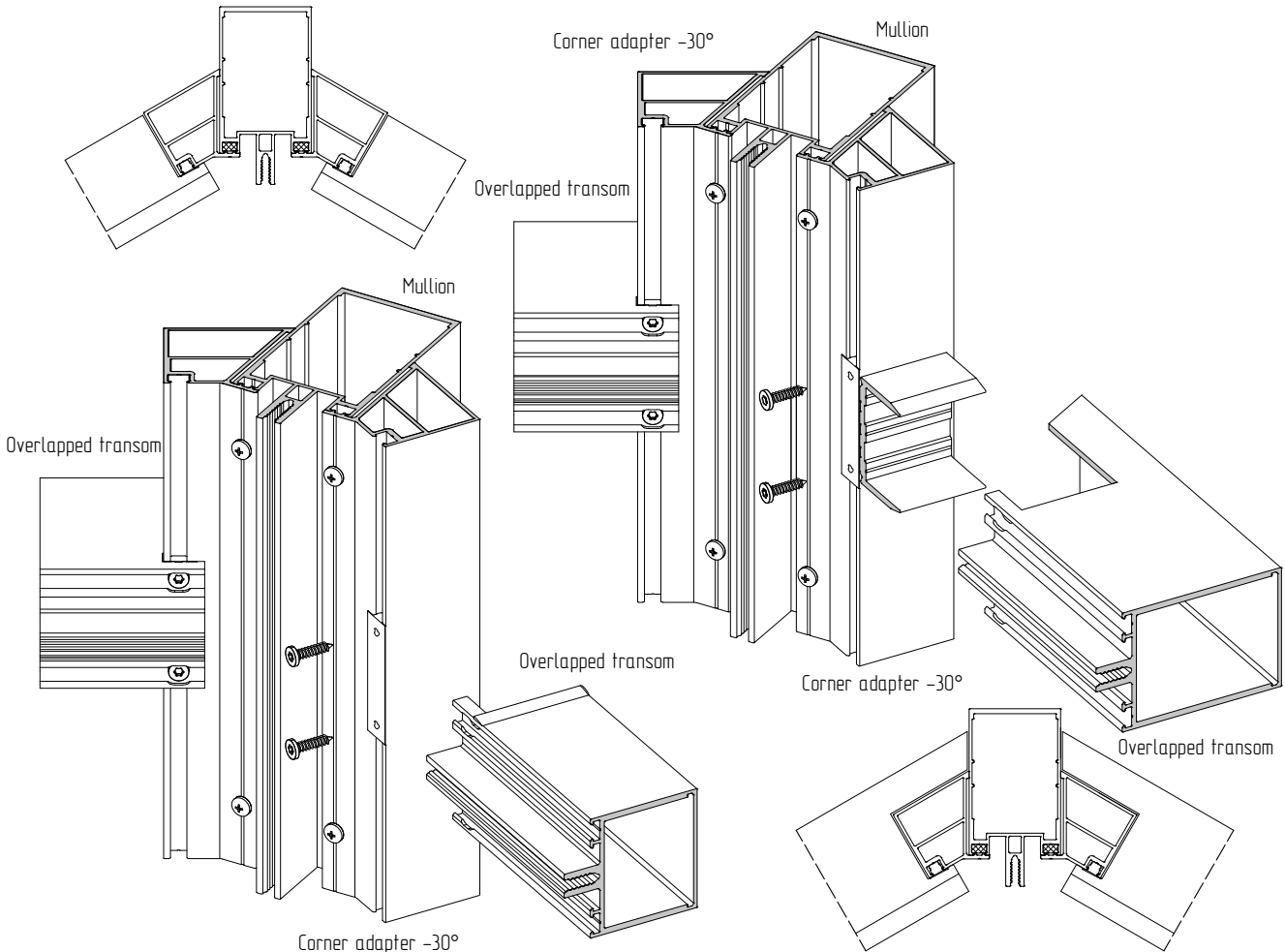
Infill unit thickness mm	Turn angle	Clamp bar	Corner adapter -15°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Gasket on the transom	Glass support			Self-tapping screw $\varnothing 5,5-A2/ISO14585$		
								bearing	leveling				
A	α	B	C	D	E	F	G	I	J	K/L			
22	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0905 AYPC.F50.0908	FRK 19	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
24	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0905 AYPC.F50.0908	FRK 18	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
26	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0905 AYPC.F50.0908	FRK 17	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
28	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0906 AYPC.F50.0909	FRK 19	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.09971	100x32	x1	x2	x3	x45/x45
30	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0906 AYPC.F50.0909	FRK 18	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.09971	100x32	x1	x2	x3	x45/x45
32	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0906 AYPC.F50.0909	FRK 17	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.09971	100x32	x1	x2	x3	x45/x45
34	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0907 AYPC.F50.0910	FRK 19	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.09972	100x38	x1	x2	x3	x55/x55
36	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0907 AYPC.F50.0910	FRK 18	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.09972	100x38	x1	x2	x3	x55/x55
38	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0907 AYPC.F50.0910	FRK 17	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.09972	100x38	x1	x2	x3	x55/x55
40	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 19	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 16	AYPC.F50.0952 AYPC.F50.09973	100x44	x1	x2	x3	x60/x60
42	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 18	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 15	AYPC.F50.0952 AYPC.F50.09973	100x44	x1	x2	x3	x60/x60
44	15°	AYPC.F50.0608	AYPC.F50.0708	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 17	AYPC.F50.0915 AYPC.F50.0911/AYPC.F50.0911-01	FRK 14	AYPC.F50.0952 AYPC.F50.09973	100x44	x1	x2	x3	x60/x60



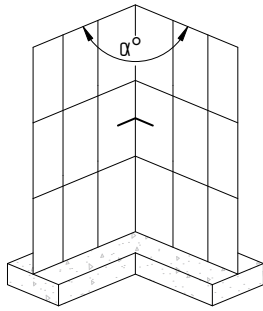
Facade glazing for external double-sided corners, depending on the type of profile connection



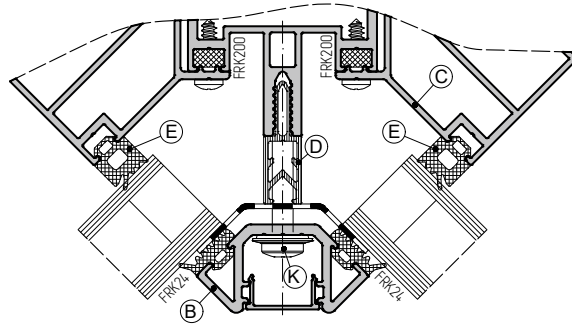
Infill unit thickness	Turn angle	Clamp bar	Corner adapter -30°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support			Self-tapping screw Ø5,5-A2IS014585		
								bearing	leveling				
A	α	B	C	D	E	F	G	I	J	K/L			
22	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0905 AYPC.F50.0908	FRK 19	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
24	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0905 AYPC.F50.0908	FRK 18	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
26	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0905 AYPC.F50.0908	FRK 17	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
28	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0906 AYPC.F50.0909	FRK 19	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
30	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0906 AYPC.F50.0909	FRK 18	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
32	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0906 AYPC.F50.0909	FRK 17	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1	x2	x3	x45/x45
34	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0907 AYPC.F50.0910	FRK 19	AYPC.F50.0907 AYPC.F50.0910	FRK 16	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
36	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0907 AYPC.F50.0910	FRK 18	AYPC.F50.0907 AYPC.F50.0910	FRK 15	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55
38	120°	AYPC.F50.0609	AYPC.F50.0709	AYPC.F50.0907 AYPC.F50.0910	FRK 17	AYPC.F50.0907 AYPC.F50.0910	FRK 14	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1	x2	x3	x55/x55



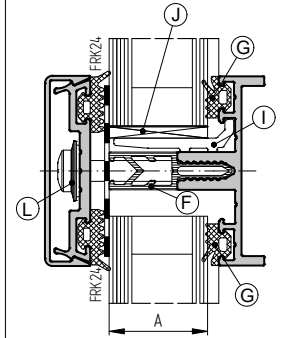
Facade glazing for external double-sided corners, depending on the type of profile connection



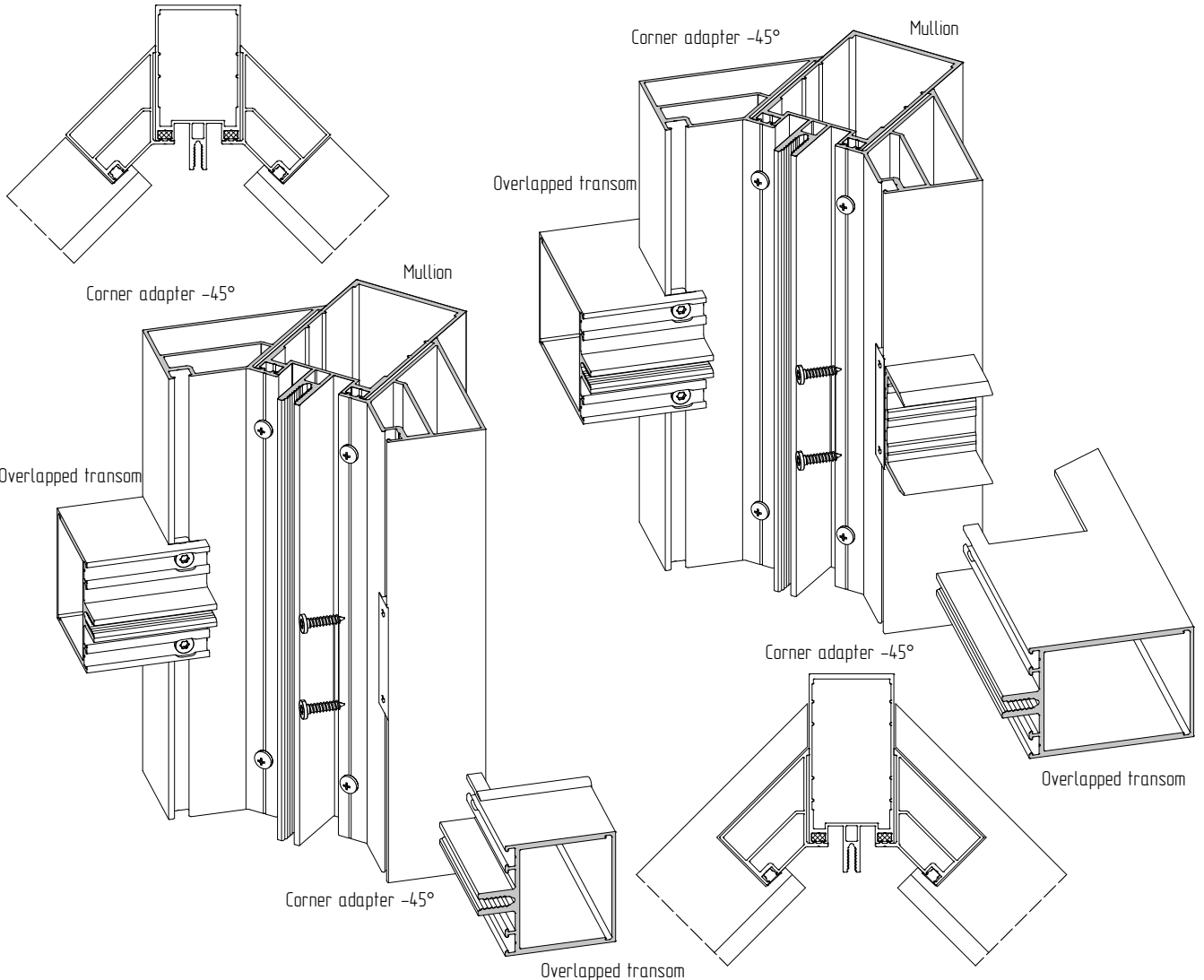
Mullion with double-sided turn angle



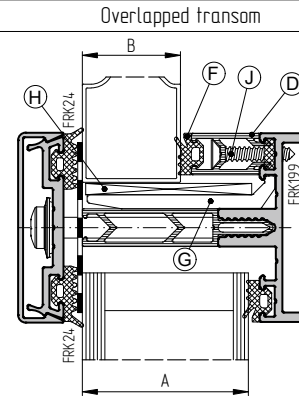
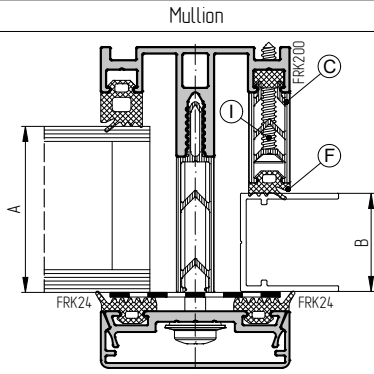
Overlapped transom



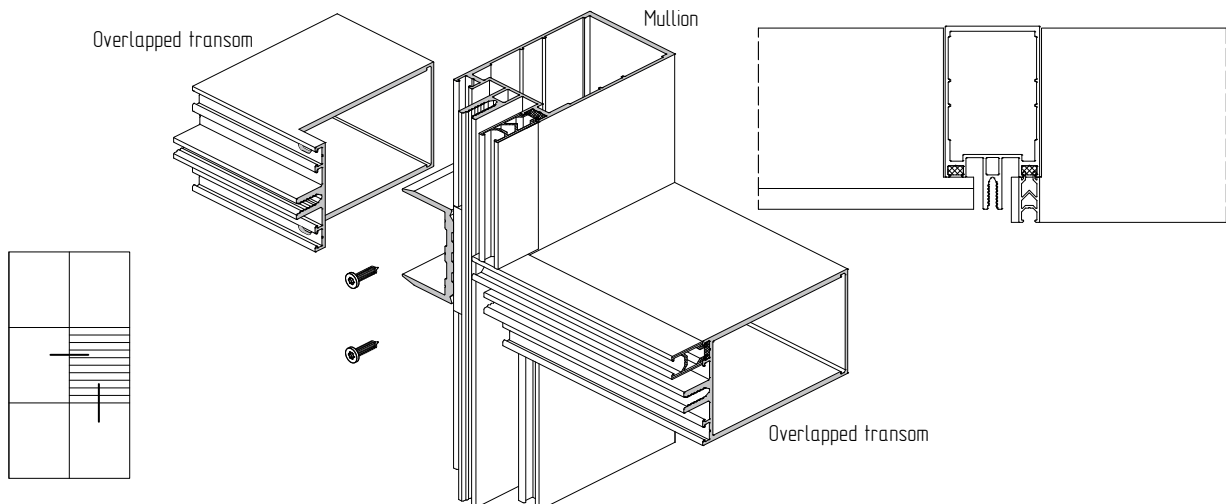
Infill unit thickness	Turn angle	Clamp bar	Corner adapter -45°	Mullion thermal break	Mullion gasket	Thermal break on the transom	Transom gasket	Glass support			Self-tapping screw Ø5,5-A2IS014585
								bearing	leveling		
A	α	B	C	D	E	F	G	I	J	K/L	
22	90°	AYPC.F50.0610	AYPC.F50.0710	AYPC.F50.0905 AYPC.F50.0908	FRK 19	AYPC.F50.0905 AYPC.F50.0908	FRK 16	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
24	90°	AYPC.F50.0610	AYPC.F50.0710	AYPC.F50.0905 AYPC.F50.0908	FRK 18	AYPC.F50.0905 AYPC.F50.0908	FRK 15	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
26	90°	AYPC.F50.0610	AYPC.F50.0710	AYPC.F50.0905 AYPC.F50.0908	FRK 17	AYPC.F50.0905 AYPC.F50.0908	FRK 14	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
28	90°	AYPC.F50.0610	AYPC.F50.0710	AYPC.F50.0906 AYPC.F50.0909	FRK 19	AYPC.F50.0906 AYPC.F50.0909	FRK 16	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
30	90°	AYPC.F50.0610	AYPC.F50.0710	AYPC.F50.0906 AYPC.F50.0909	FRK 18	AYPC.F50.0906 AYPC.F50.0909	FRK 15	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
32	90°	AYPC.F50.0610	AYPC.F50.0710	AYPC.F50.0906 AYPC.F50.0909	FRK 17	AYPC.F50.0906 AYPC.F50.0909	FRK 14	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45



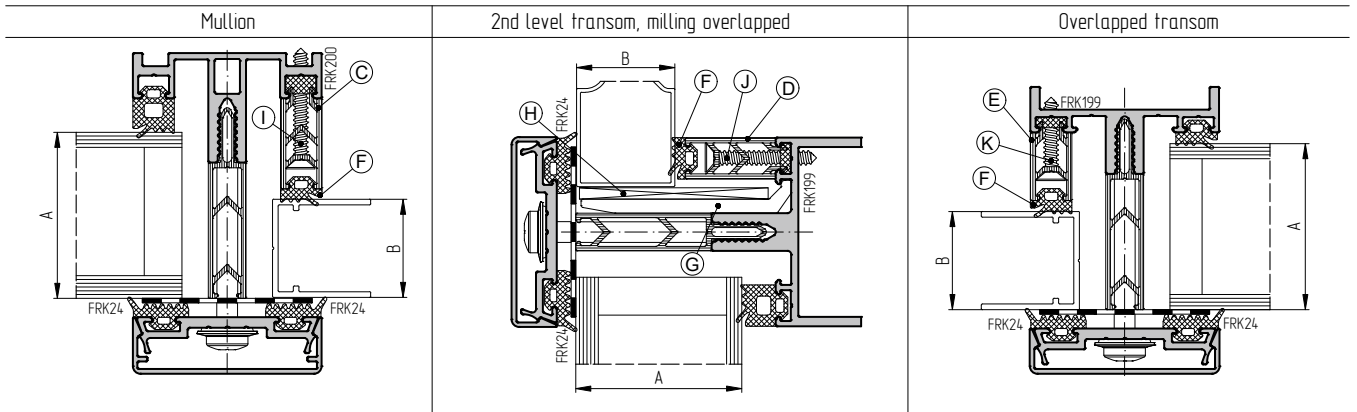
Glazing table for installation of VR26 ventilation louver into the façade



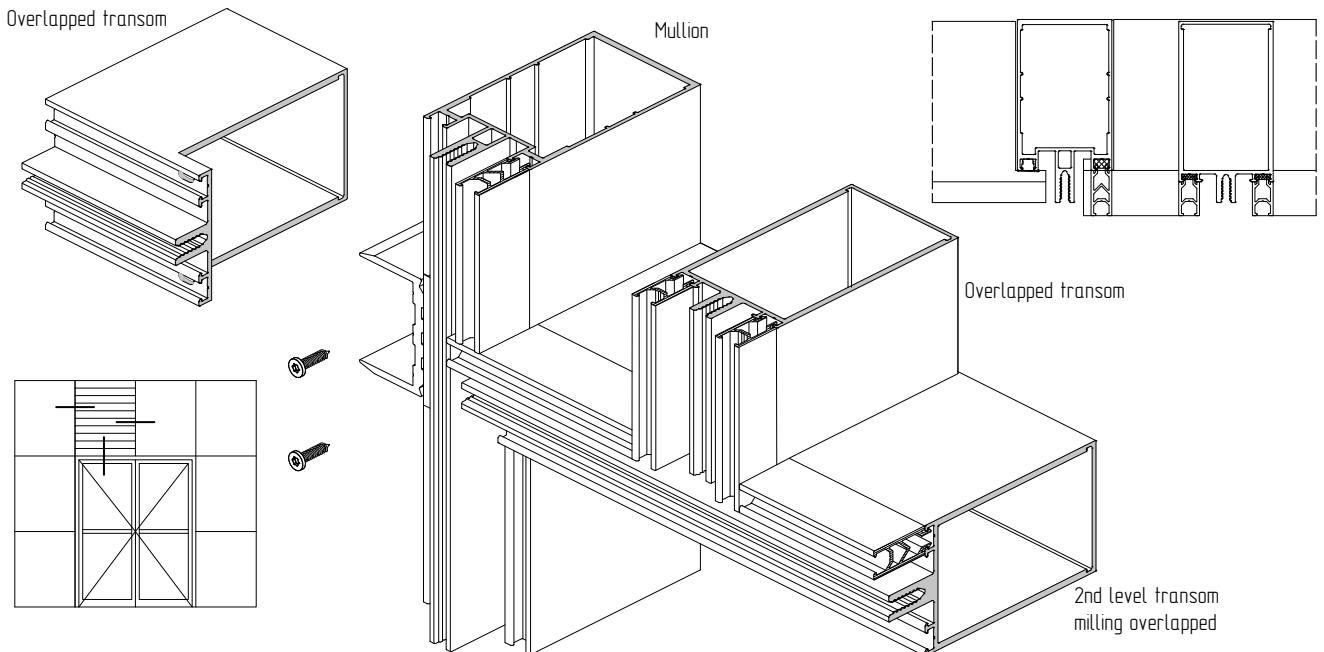
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Overlapped transom distance profile	Gasket on distance profiles	Glass support			Self-tapping screw Ø3,9-A2IS014586 increment 300mm		
					bearing	leveling				
A	B	C	D	F	G	H	I	J		
22-26 mm	26 mm	-	-	-	AYPC.F50.0941	100x26	x1	x2	x3	-
28-32 mm	26 mm	AYPC.F50.0701	-	FRK17	AYPC.F50.0941-01	100x32	x1	x2	x3	x16/-
34-38 mm	26 mm	AYPC.F50.0702	AYPC.F50.0701	FRK17	AYPC.F50.0941-02	100x38	x1	x2	x3	x16/x16
40-44 mm	26 mm	AYPC.F50.0902-01	AYPC.F50.0901-01	FRK14	AYPC.F50.0952	100x44	x1	x2	x3	x32/x25
46-50 mm	26 mm	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK14	AYPC.F50.0952-01	100x50	x1	x2	x3	x38/x32
52-56 mm	26 mm	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK17	AYPC.F50.0952-02	100x56	x1	x2	x3	x38/x32
58-62 mm	26 mm	AYPC.F50.0902-01 + AYPC.F50.0901-01	AYPC.F50.0901-01 + AYPC.F50.0901-01	FRK14	AYPC.F50.0952-03	100x62	x1	x2	x3	x50/x45
64-68 mm	26 mm	AYPC.F50.0902-01 + AYPC.F50.0902-01	AYPC.F50.0901-01 + AYPC.F50.0902-01	FRK14	AYPC.F50.0952-04	100x68	x1	x2	x3	x55/x50
70-74 mm	26 mm	AYPC.F50.0902-01 + AYPC.F50.0902-01	AYPC.F50.0901-01 + AYPC.F50.0902-01	FRK17	AYPC.F50.9978	100x74	x1	x2	x3	x55/x50

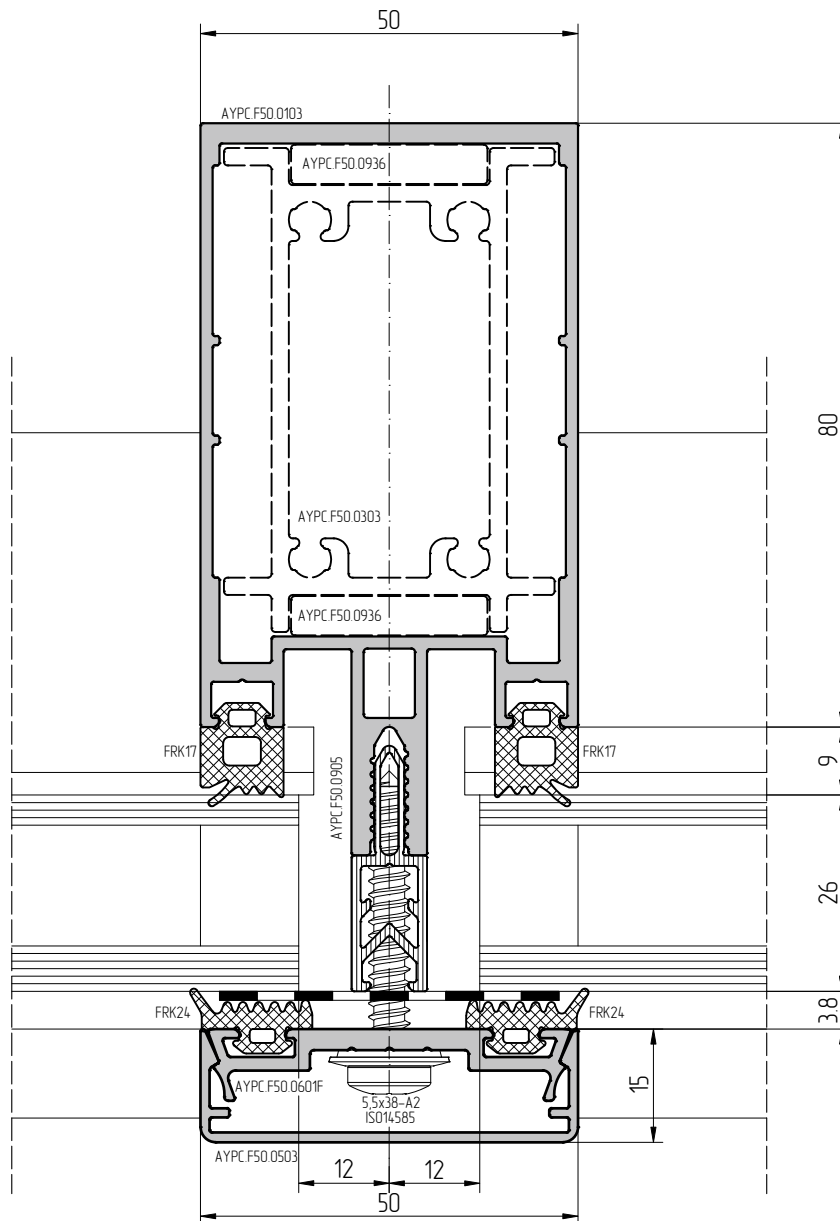
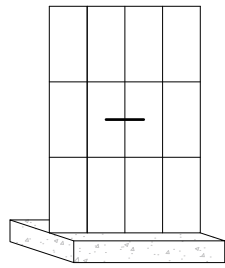


Glazing table for installation of VR26 ventilation louver into the façade

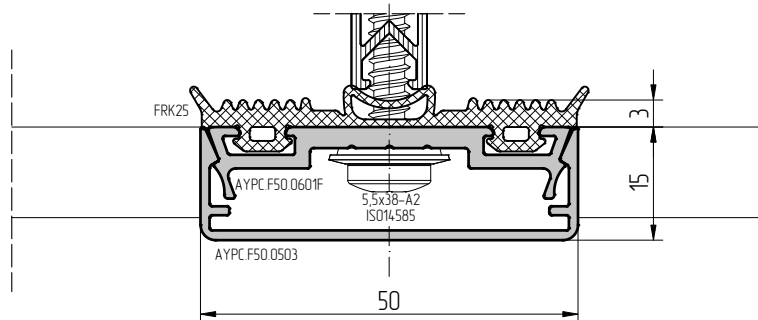


Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the 2nd level transom, milling overlapped	Distance profile on the overlapped transom	Gasket on distance profiles	Glass support			Self-tapping screw Ø3,9-A2 S014586 increment 300mm		
						bearing	leveling			I/J/K	
A	B	C	D	E	F	G	H				
22-26 mm	26 mm	-	-	-	-	AYPC.F50.0941-01	100x32	x1	x2	x3	-
28-32 mm	26 mm	AYPC.F50.0701	AYPC.F50.0701	-	FRK17	AYPC.F50.0941-02	100x38	x1	x2	x3	x16/x16/-
34-38 mm	26 mm	AYPC.F50.0702	AYPC.F50.0702	AYPC.F50.0701	FRK17	AYPC.F50.0952	100x44	x1	x2	x3	x16/x16/x16
40-44 mm	26 mm	AYPC.F50.0902-01	AYPC.F50.0902-01	AYPC.F50.0901-01	FRK14	AYPC.F50.0952-01	100x50	x1	x2	x3	x32/x32/x25
46-50 mm	26 mm	AYPC.F50.0903-01	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK14	AYPC.F50.0952-02	100x56	x1	x2	x3	x38/x38/x32
52-56 mm	26 mm	AYPC.F50.0903-01	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK17	AYPC.F50.0952-03	100x62	x1	x2	x3	x38/x38/x32
58-62 mm	26 mm	AYPC.F50.0902-01 + AYPC.F50.0901-01	AYPC.F50.0902-01 + AYPC.F50.0901-01	AYPC.F50.0901-01 + AYPC.F50.0901-01	FRK14	AYPC.F50.0952-04	100x68	x1	x2	x3	x50/x50/x45

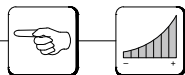
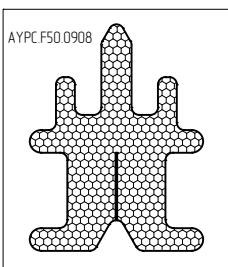


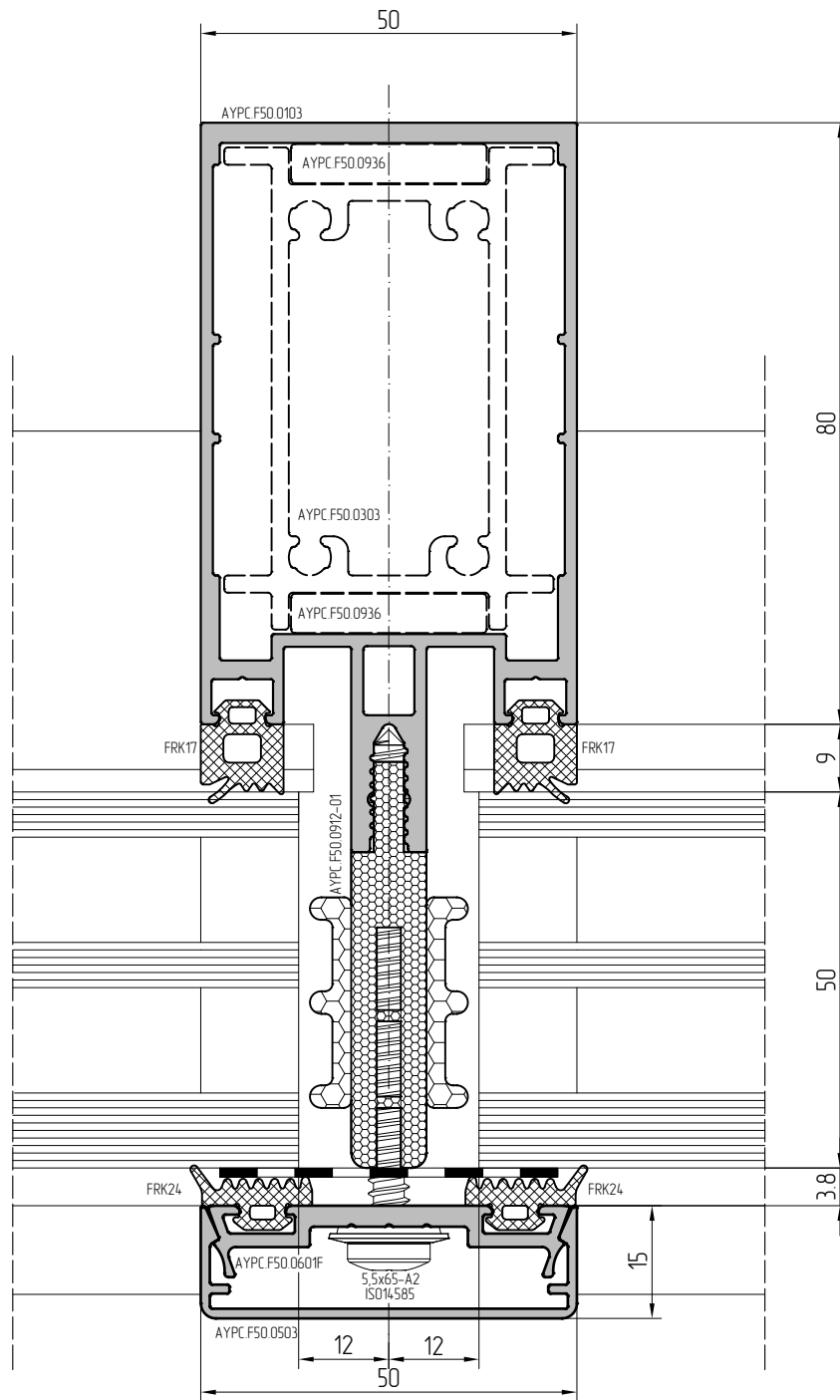
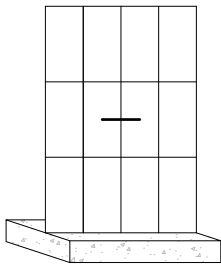


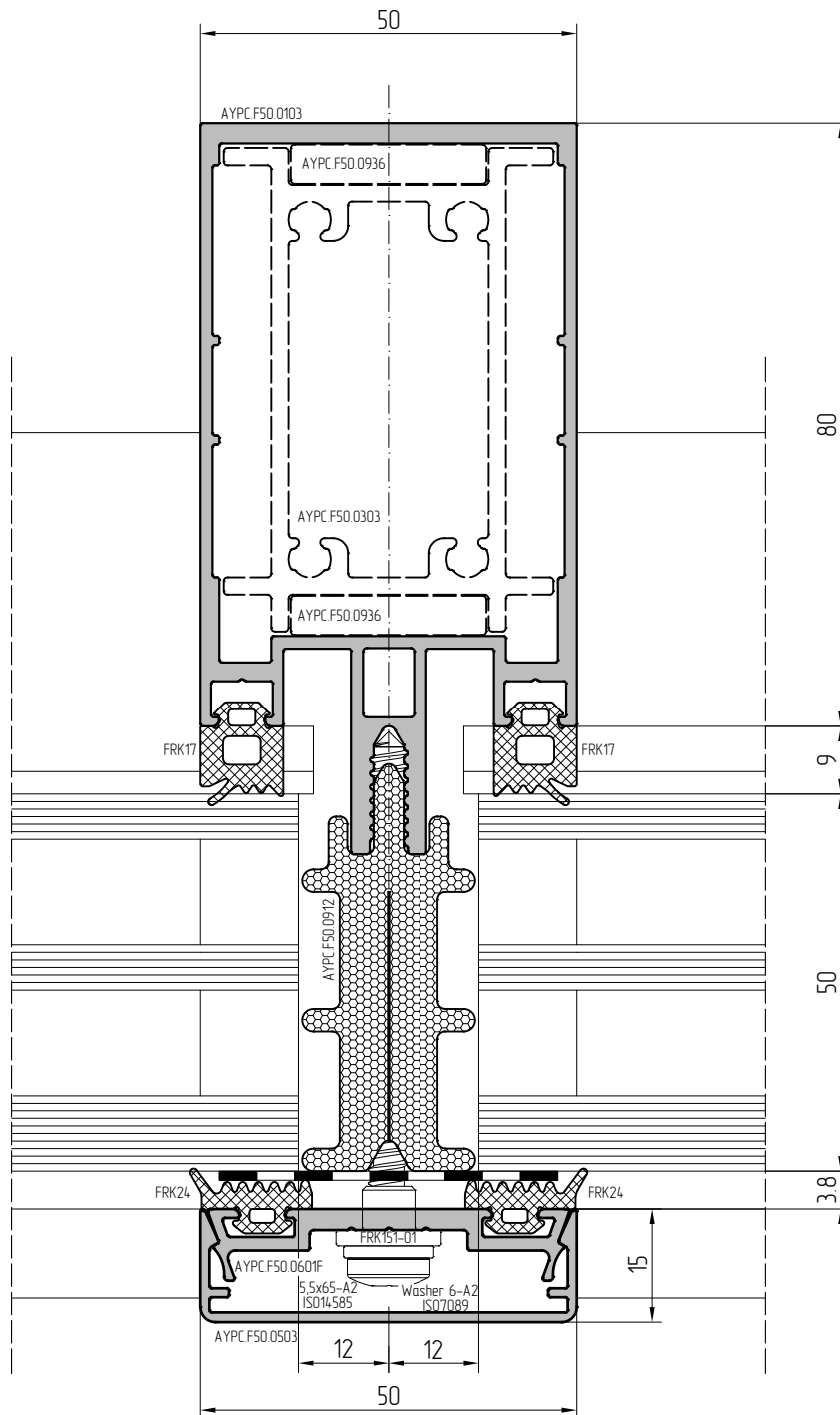
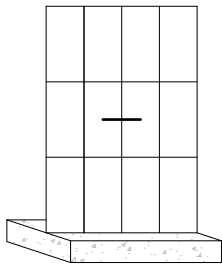
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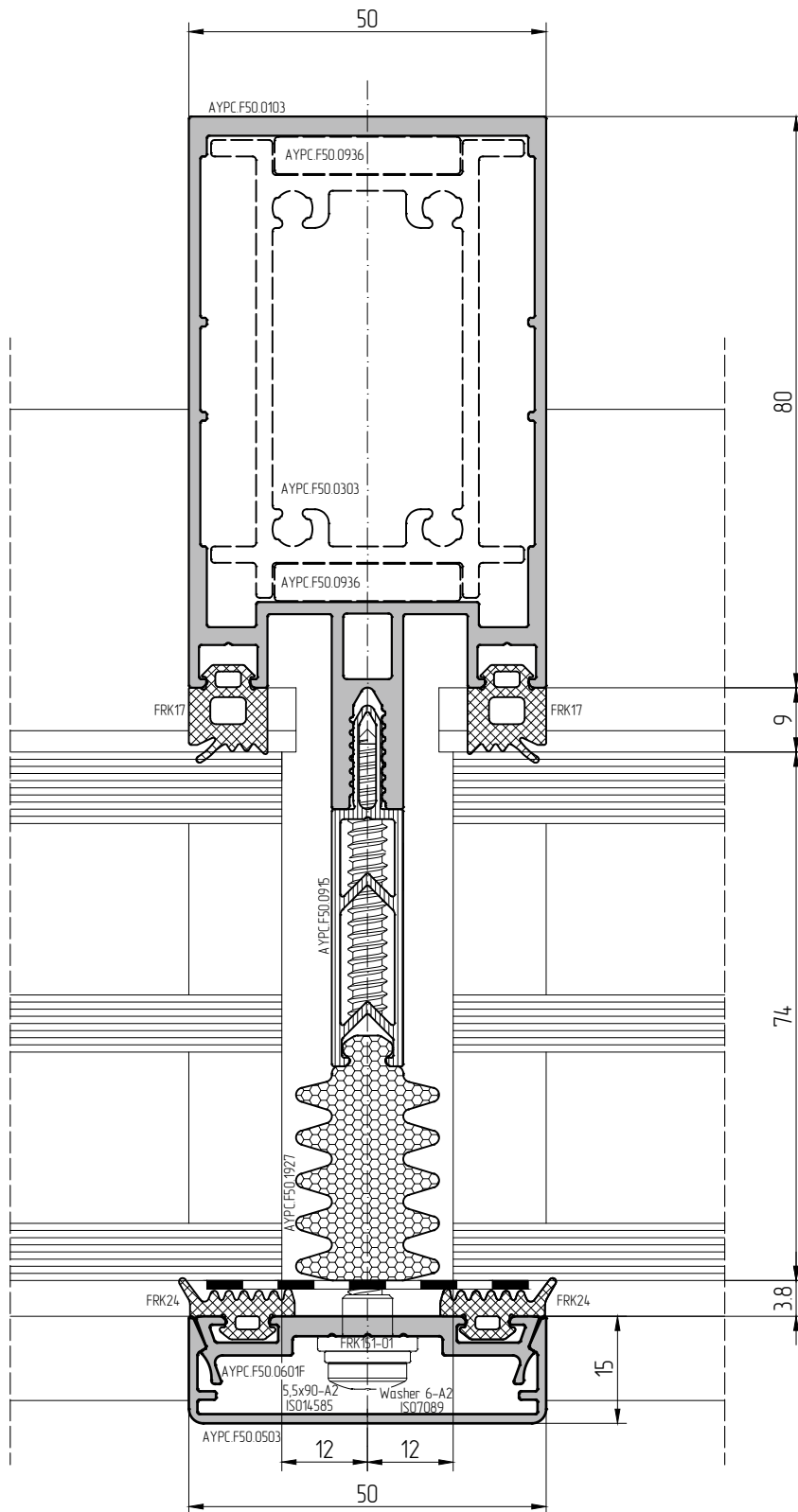
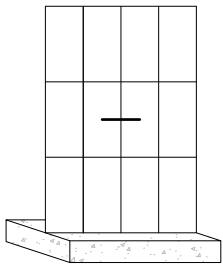


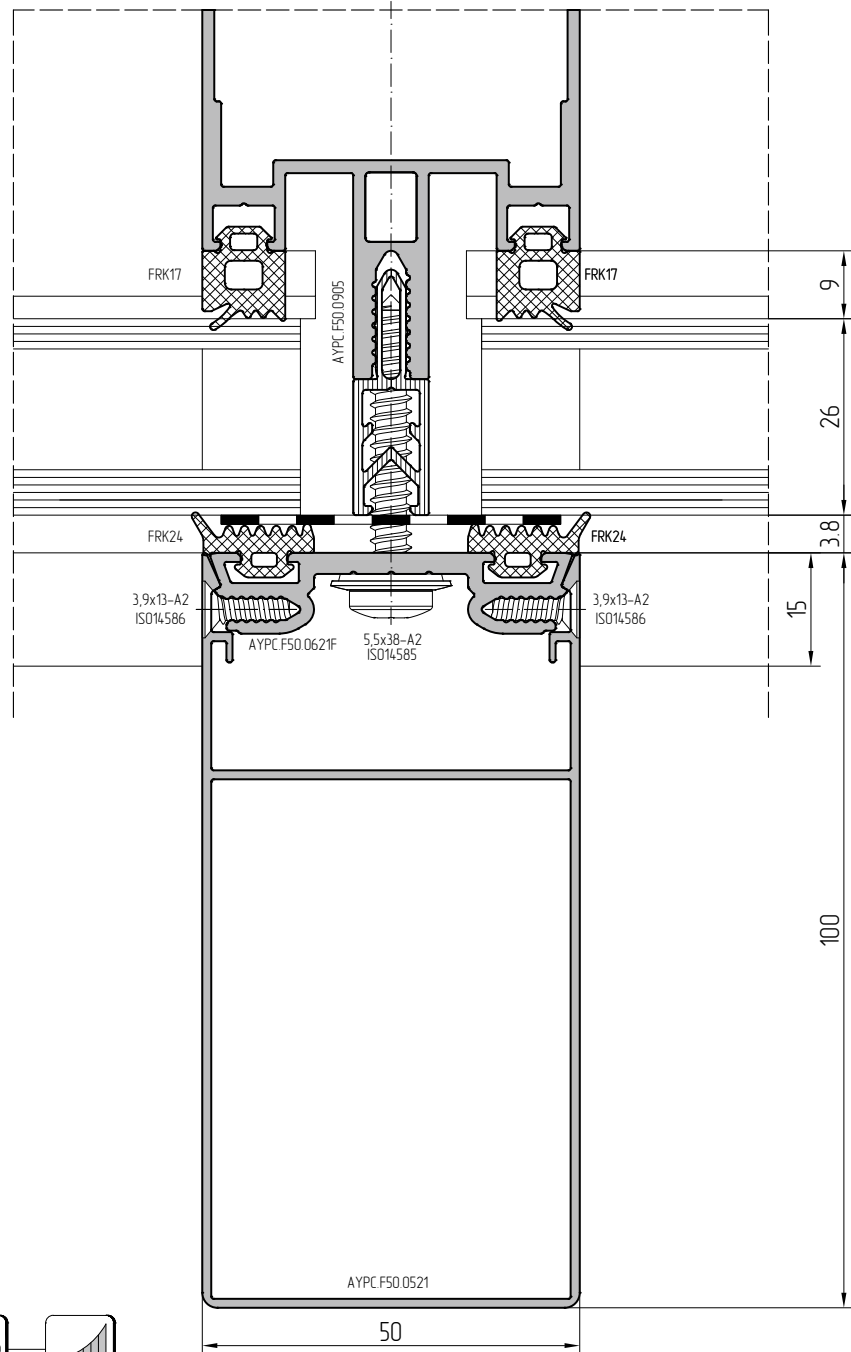
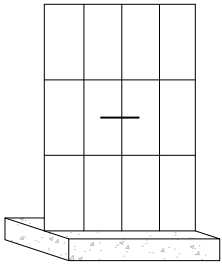
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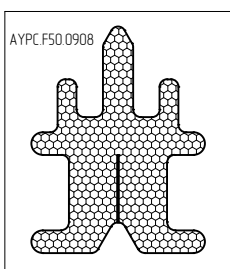


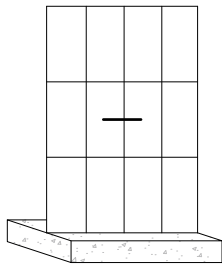




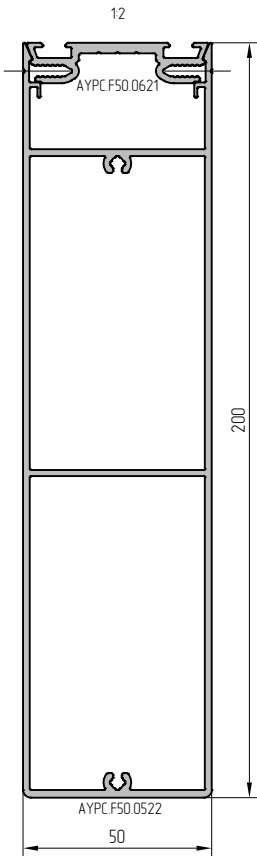
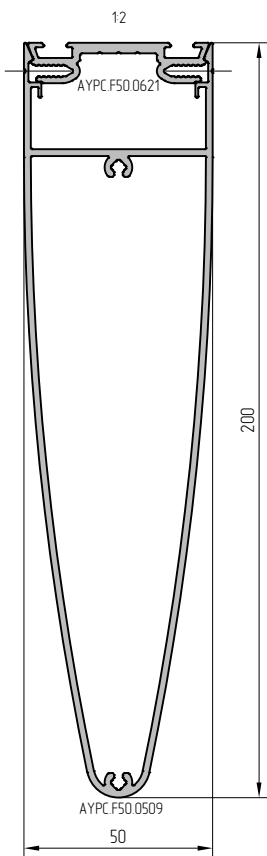
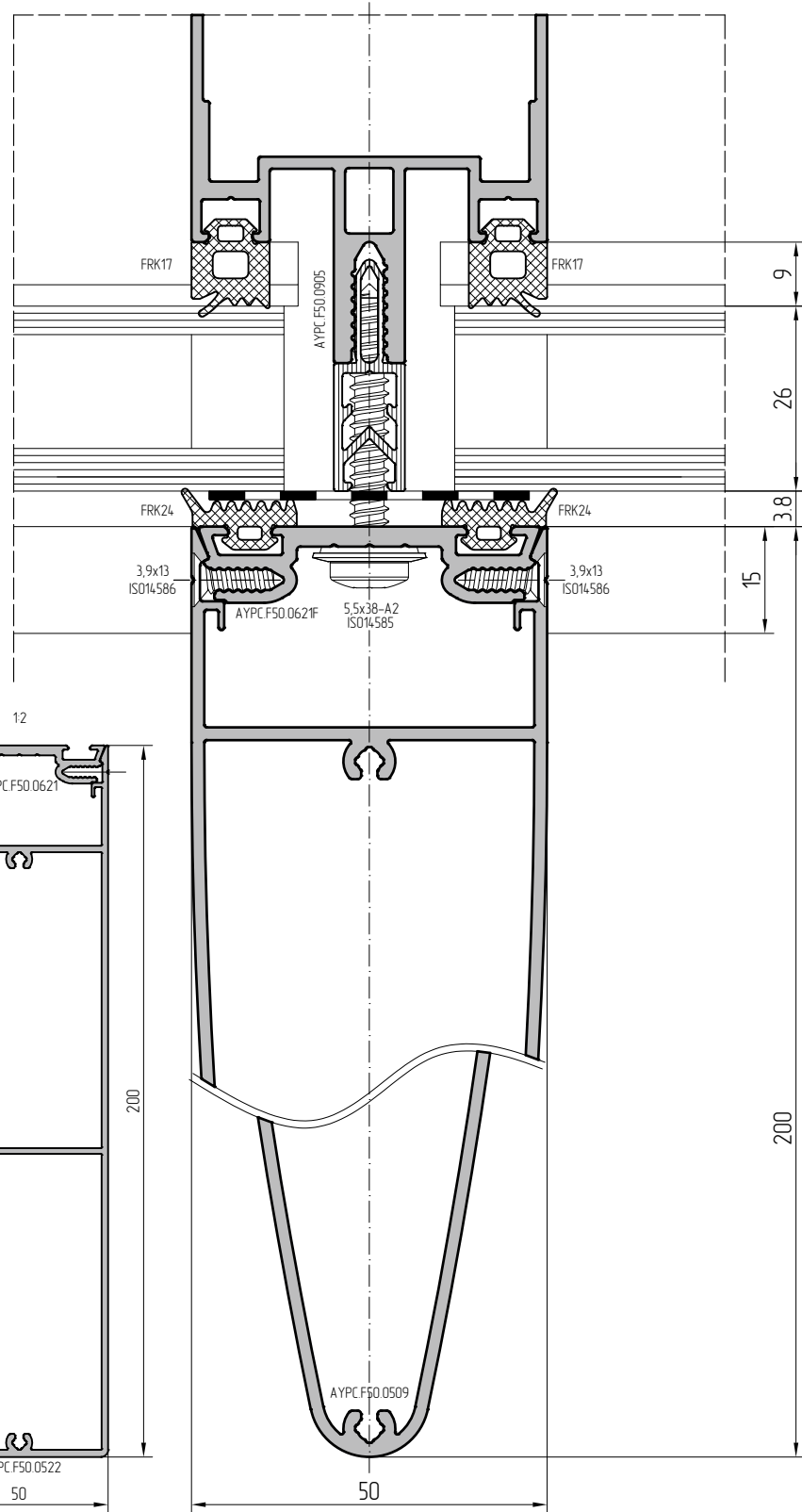
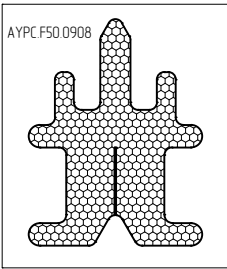


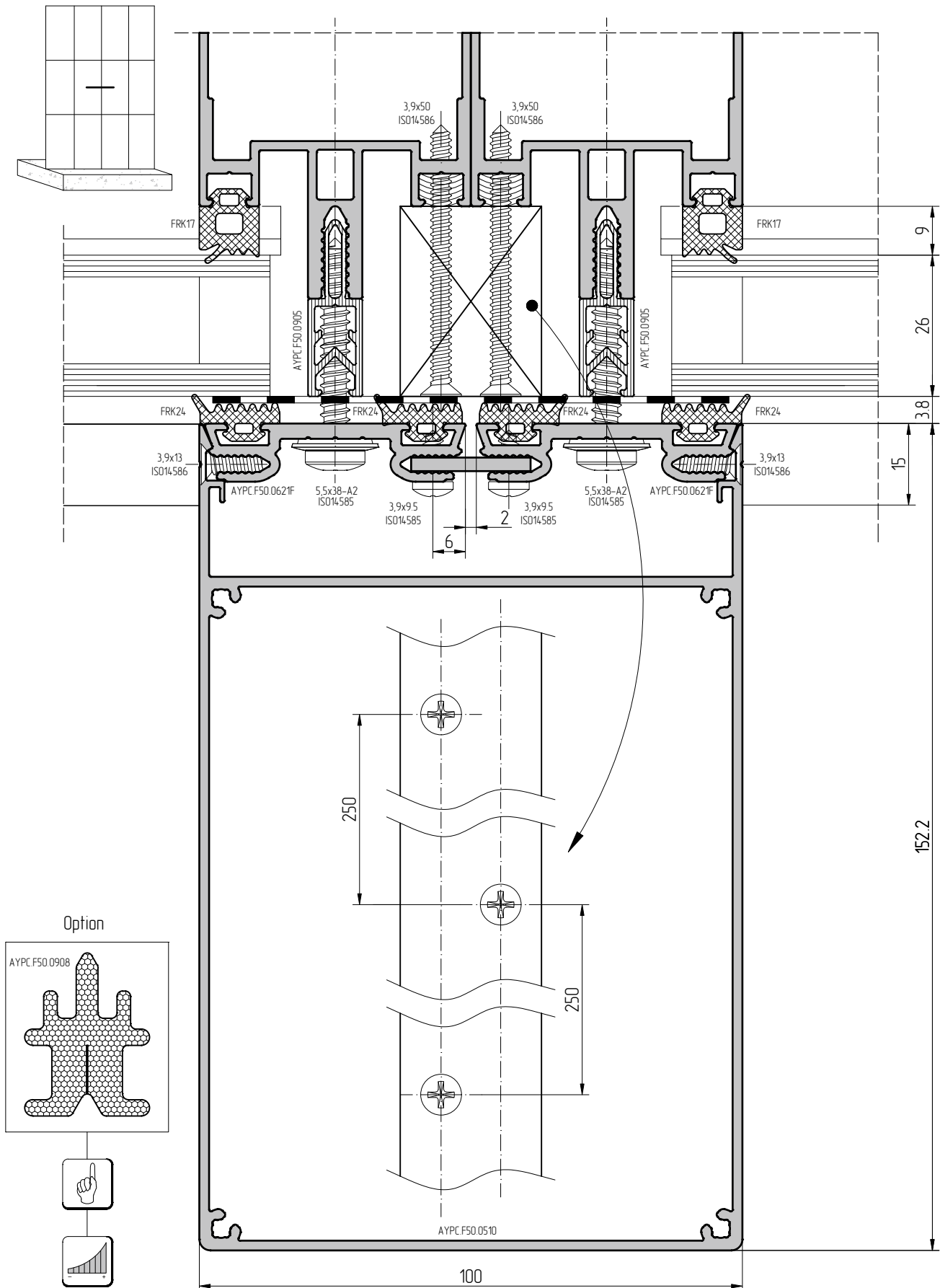
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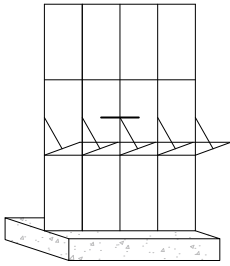




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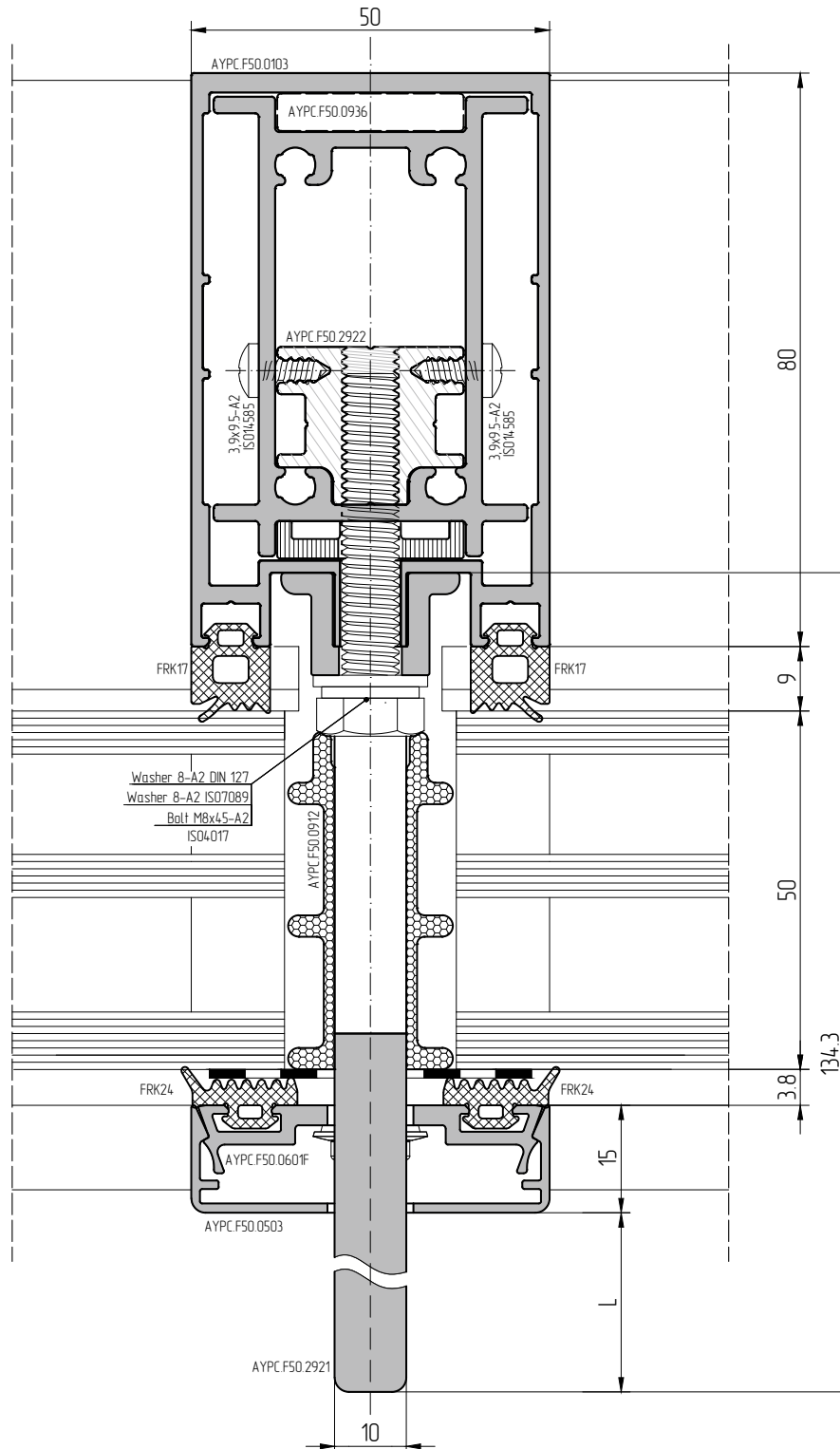


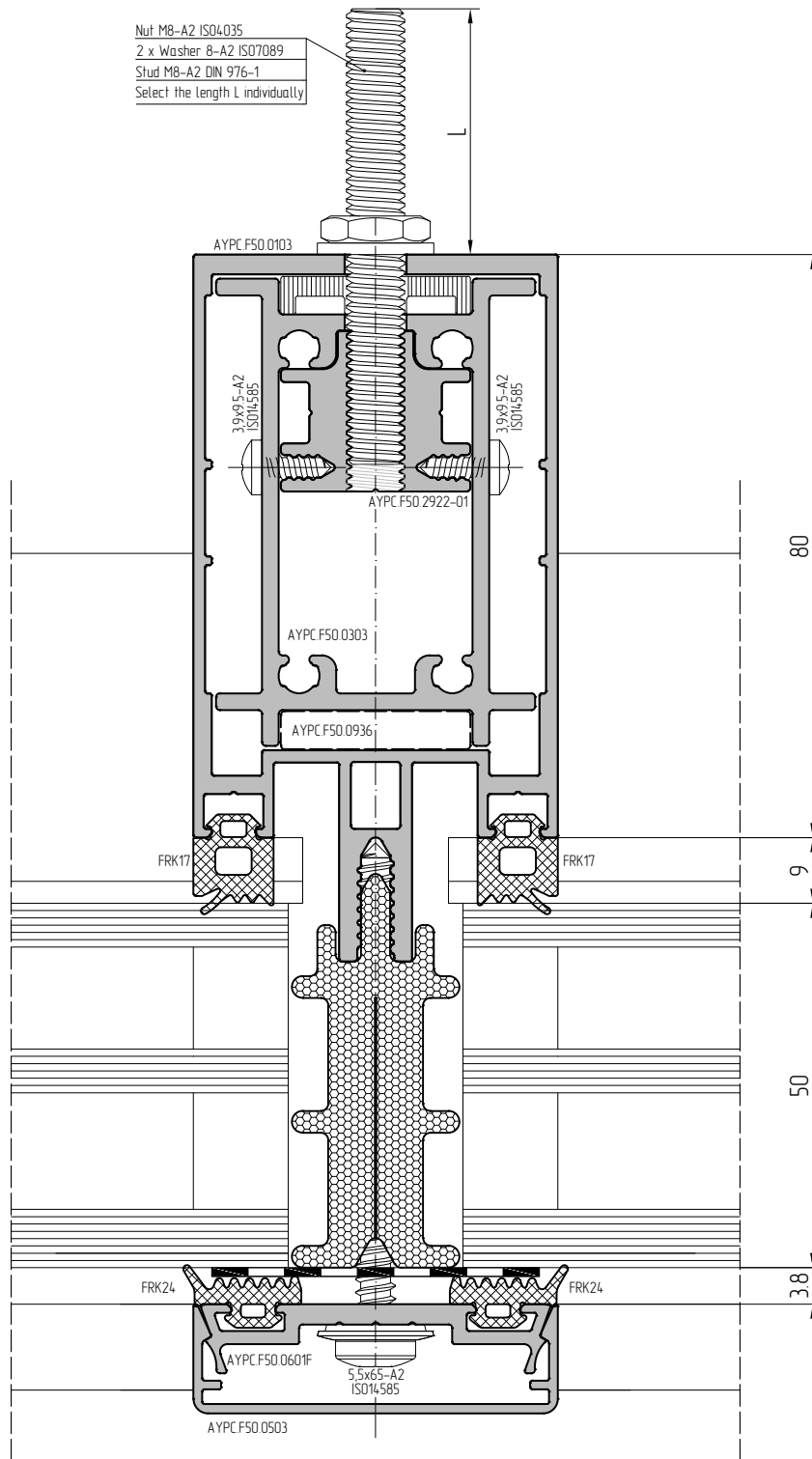
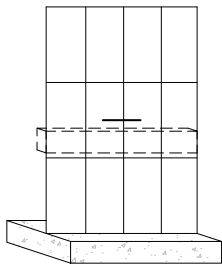


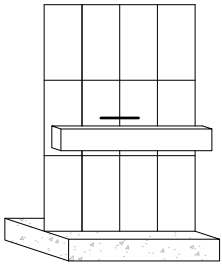


Length of AYPC.F50.0923 bearing bracket				
Glass thickness	Length L, mm	Gasket	Clamp bar	Cover cap
22-26 mm	69	FRK24	AYPC.F50.0601F	AYPC.F50.0503
28-32 mm	63	FRK24	AYPC.F50.0601F	AYPC.F50.0503
34-38 mm	57	FRK24	AYPC.F50.0601F	AYPC.F50.0503
40-44 mm	51	FRK24	AYPC.F50.0601F	AYPC.F50.0503
46-50 mm	45	FRK24	AYPC.F50.0601F	AYPC.F50.0503
52-56 mm	39	FRK24	AYPC.F50.0601F	AYPC.F50.0503
58-62 mm	33	FRK24	AYPC.F50.0601F	AYPC.F50.0503

Scale 1:1

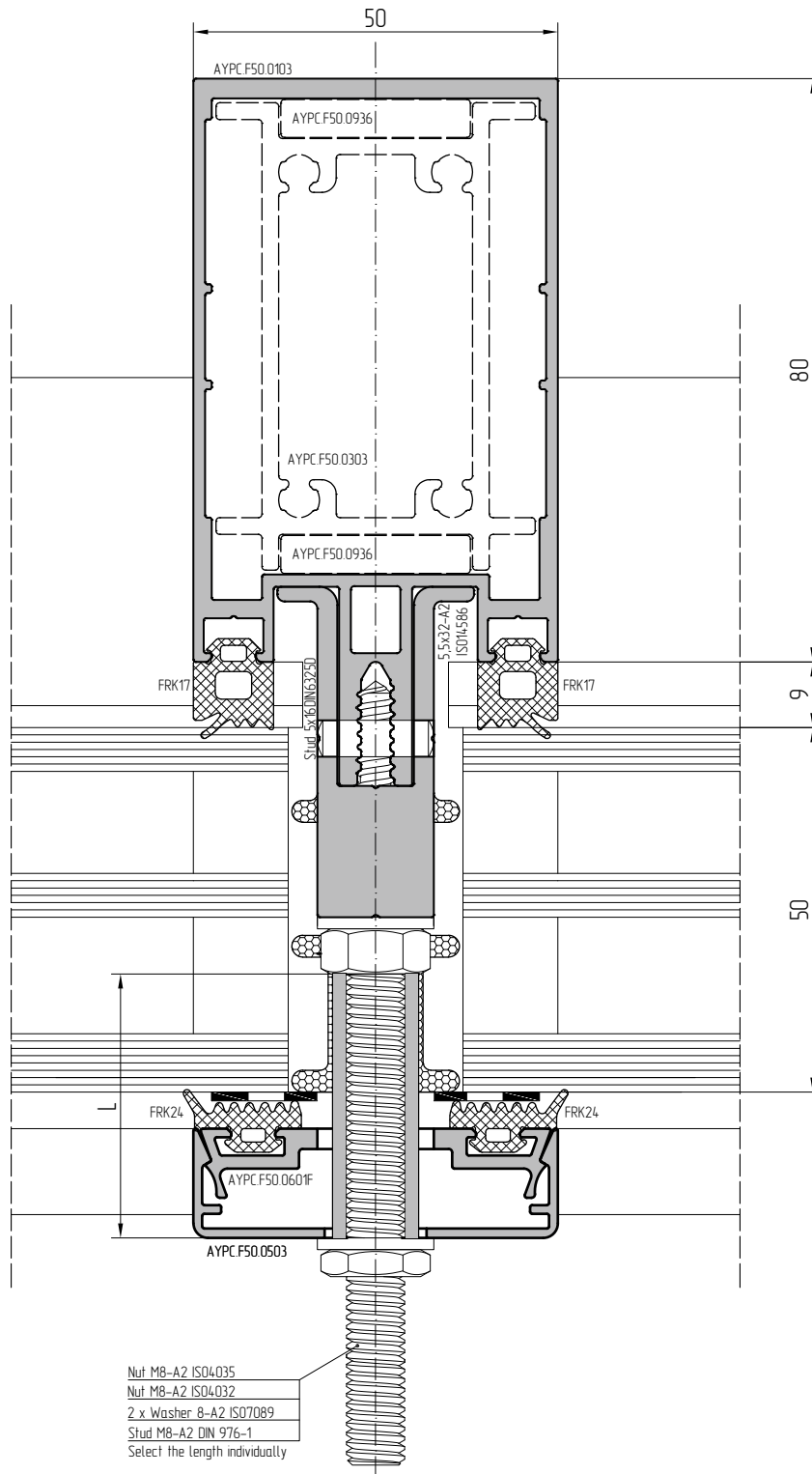


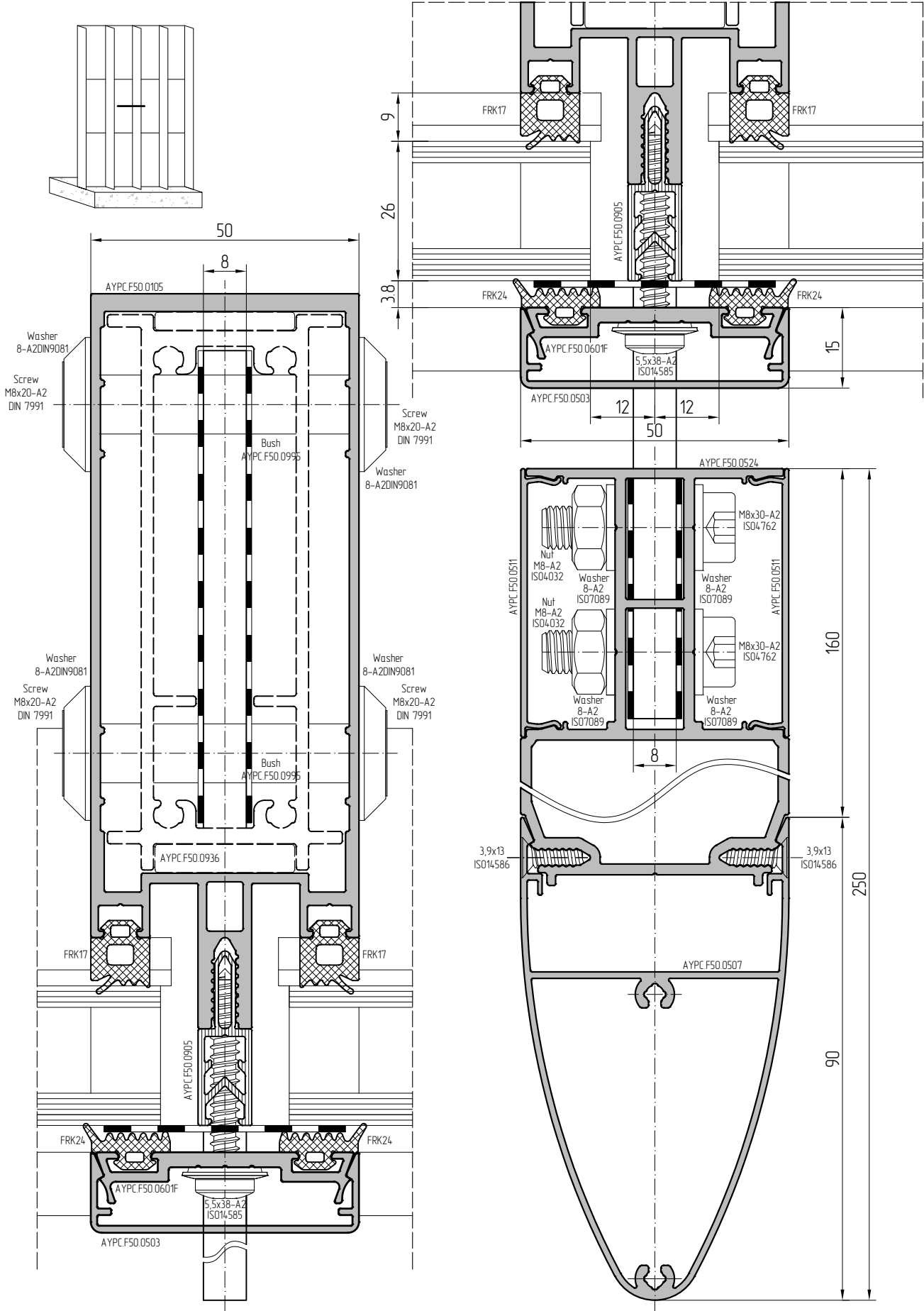


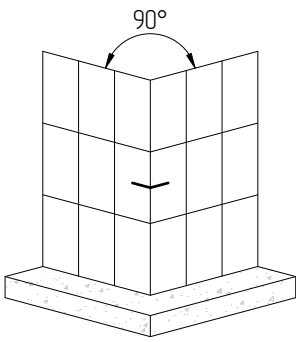


Distance bush made from AYPC.SP50.0404				
Glass thickness	Length L, mm	Gasket	Clamp bar	Cover cap
22-26 mm	12.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503
28-32 mm	18.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503
34-38 mm	24.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503
40-44 mm	30.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503
46-50 mm	36.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503
52-56 mm	42.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503
58-62 mm	48.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503
64-68 mm	54.5	FRK24	AYPC.F50.0601F	AYPC.F50.0503

Scale 1:1

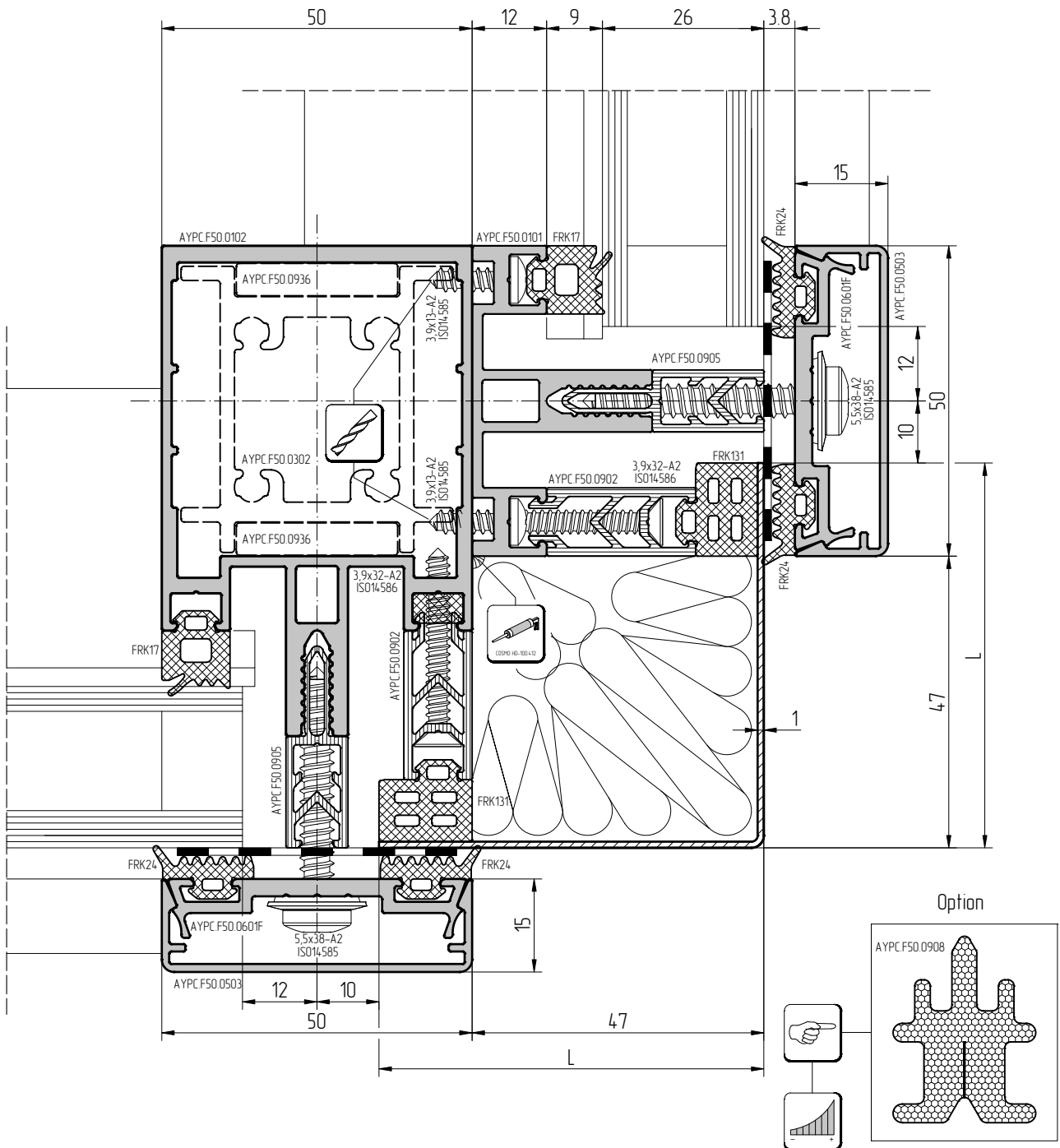


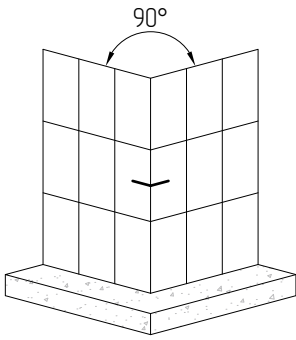




Angular cover strip			
Glass thickness	Width L mm	for mullion	for mullion
22-26 mm	62	AYPC.F50.0102	AYPC.F50.0101
28-32 mm	68	AYPC.F50.0102	AYPC.F50.0101
34-38 mm	74	AYPC.F50.0102	AYPC.F50.0101
40-44 mm	80	AYPC.F50.0102	AYPC.F50.0101
46-50 mm	86	AYPC.F50.0102	AYPC.F50.0101
52-56 mm	92	AYPC.F50.0102	AYPC.F50.0101
58-62 mm	98	AYPC.F50.0102	AYPC.F50.0101
64-68 mm	104	AYPC.F50.0102	AYPC.F50.0101

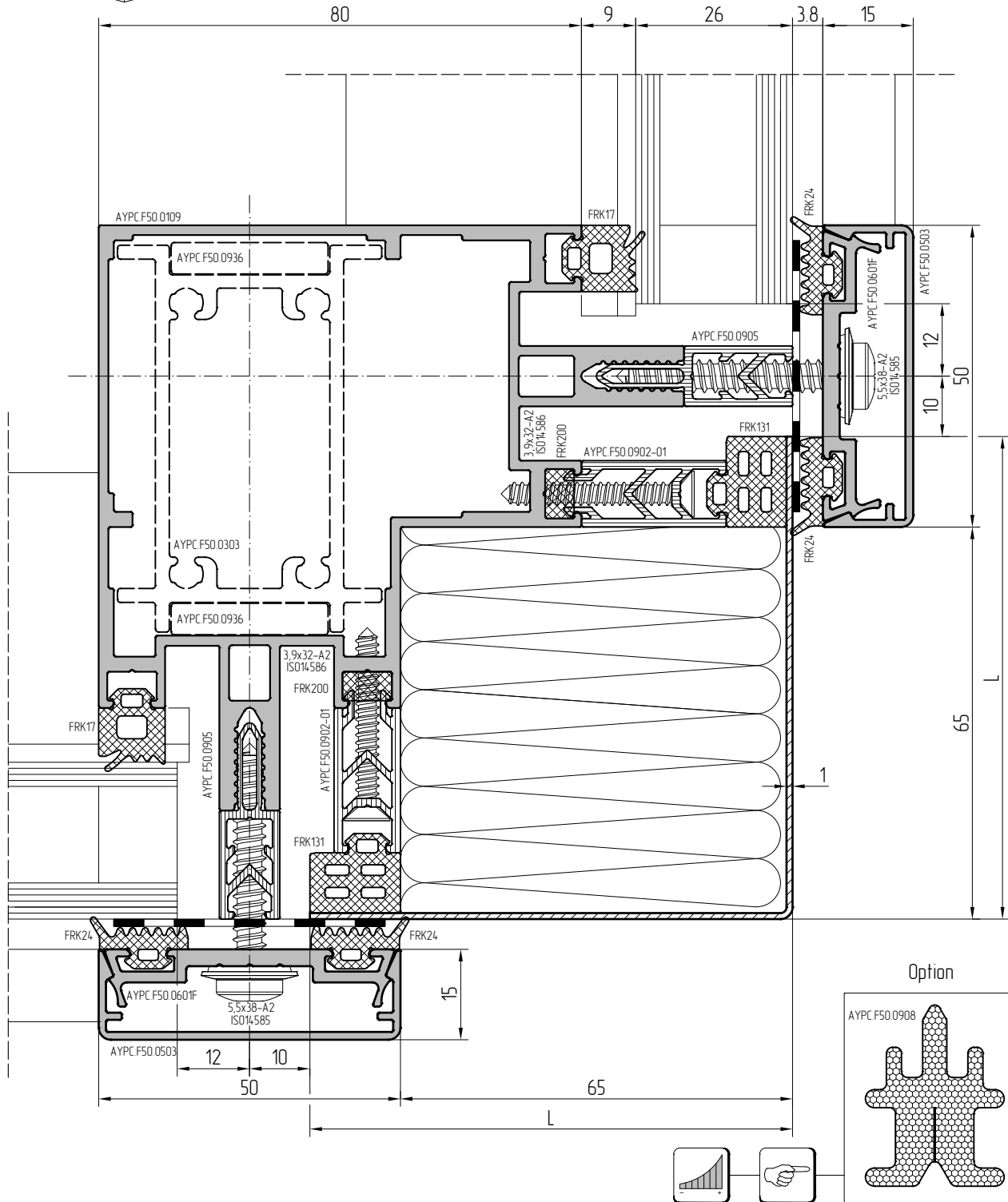
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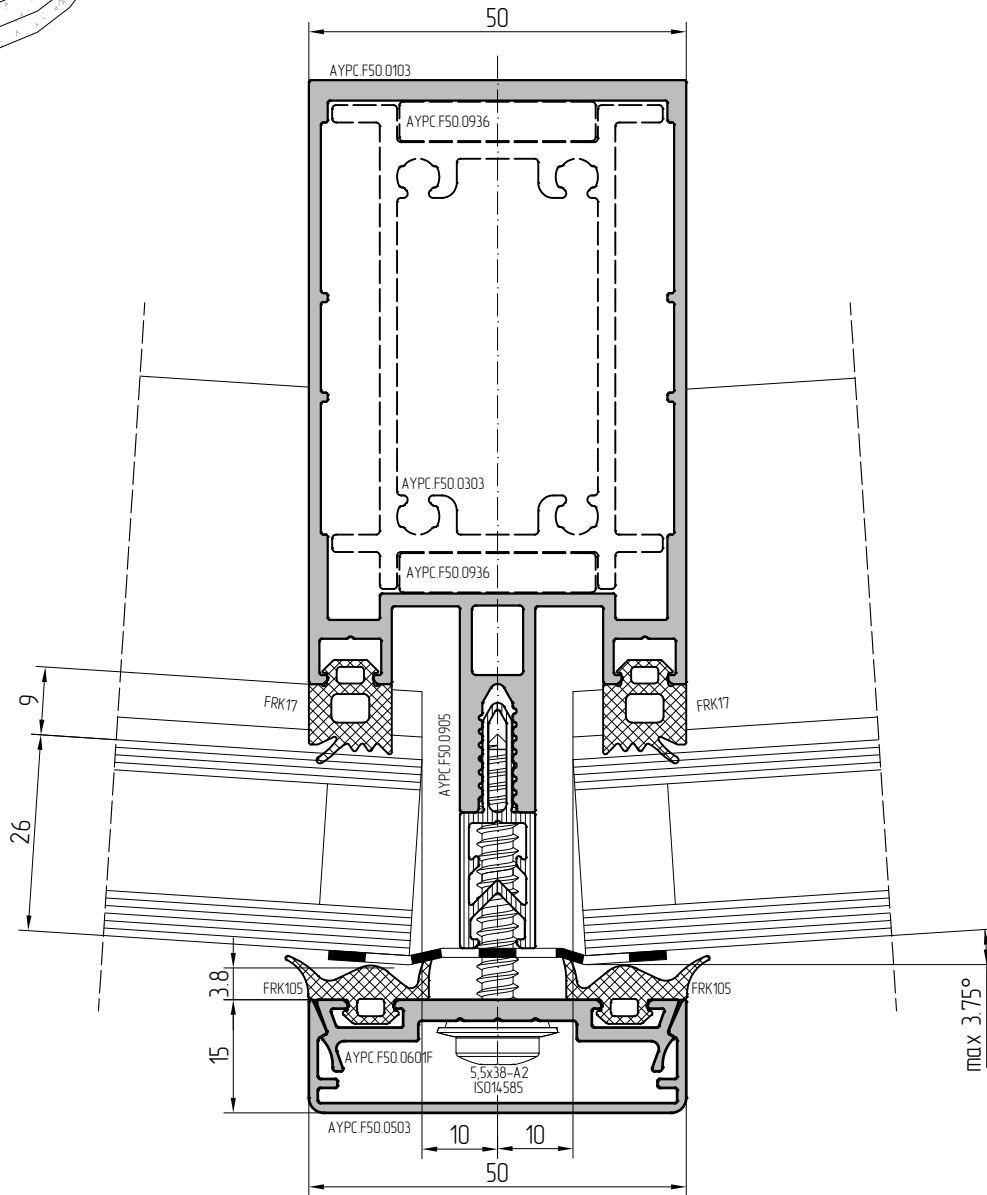
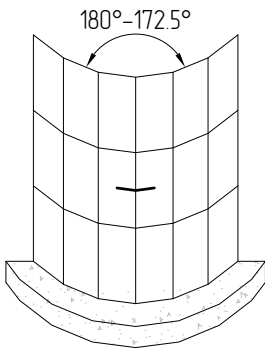




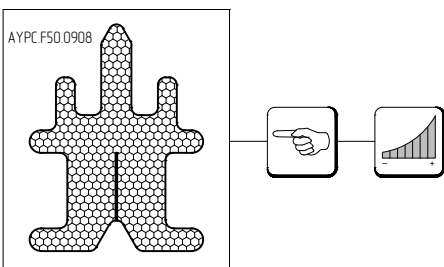
Angular cover strip		
Glass thickness	Width L, mm	for mullion
22-26 mm	80	AYPC.F50.0109
28-32 mm	86	AYPC.F50.0109
34-38 mm	92	AYPC.F50.0109
40-44 mm	98	AYPC.F50.0109
46-50 mm	104	AYPC.F50.0109
52-56 mm	110	AYPC.F50.0109
58-62 mm	116	AYPC.F50.0109
64-68 mm	122	AYPC.F50.0109

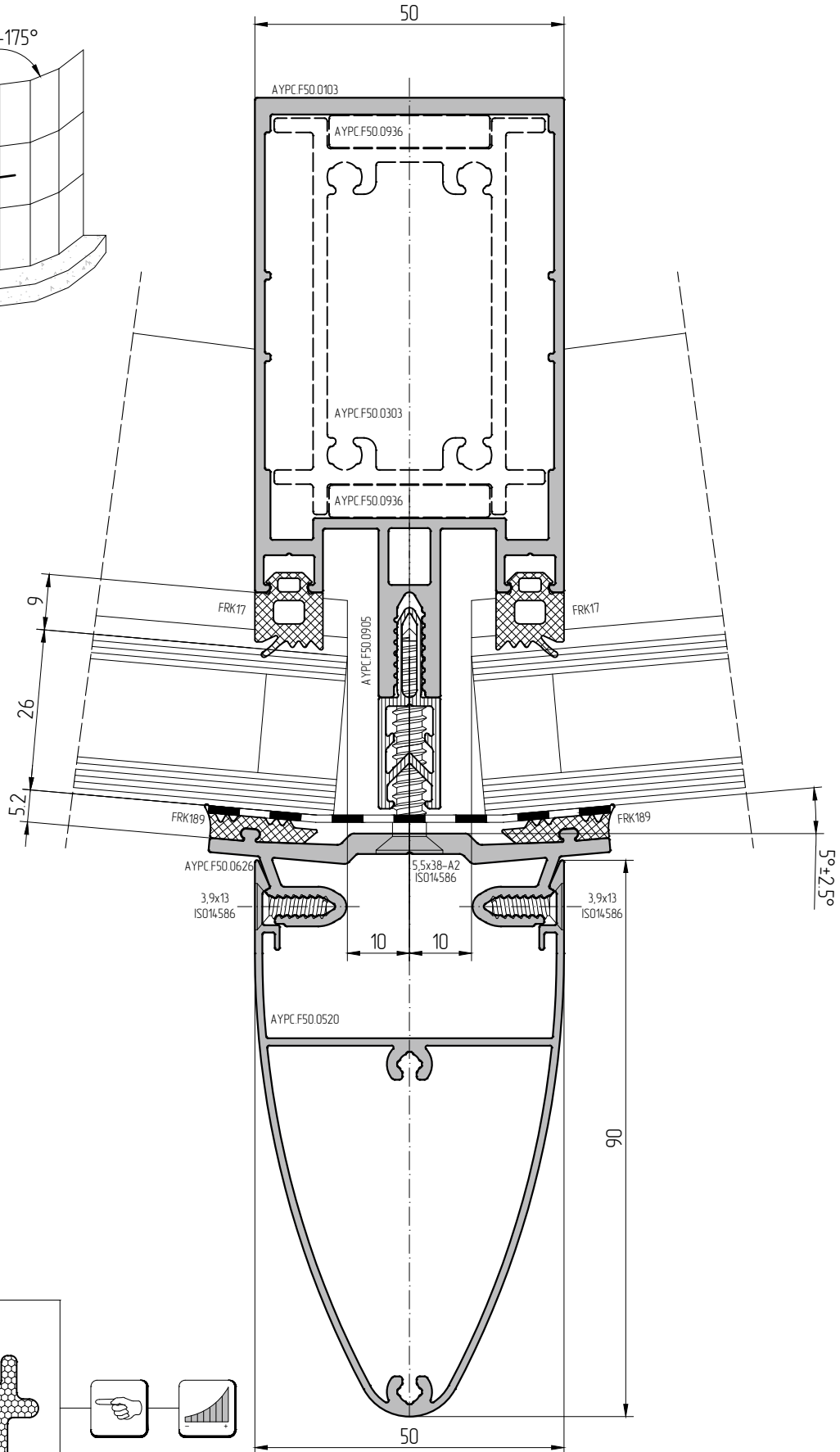
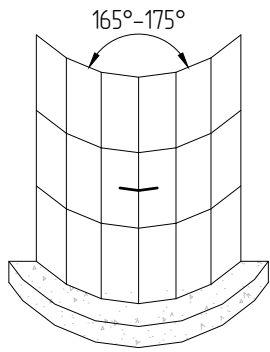
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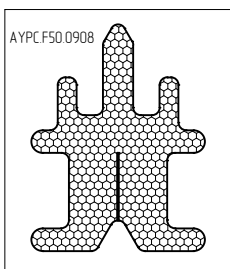


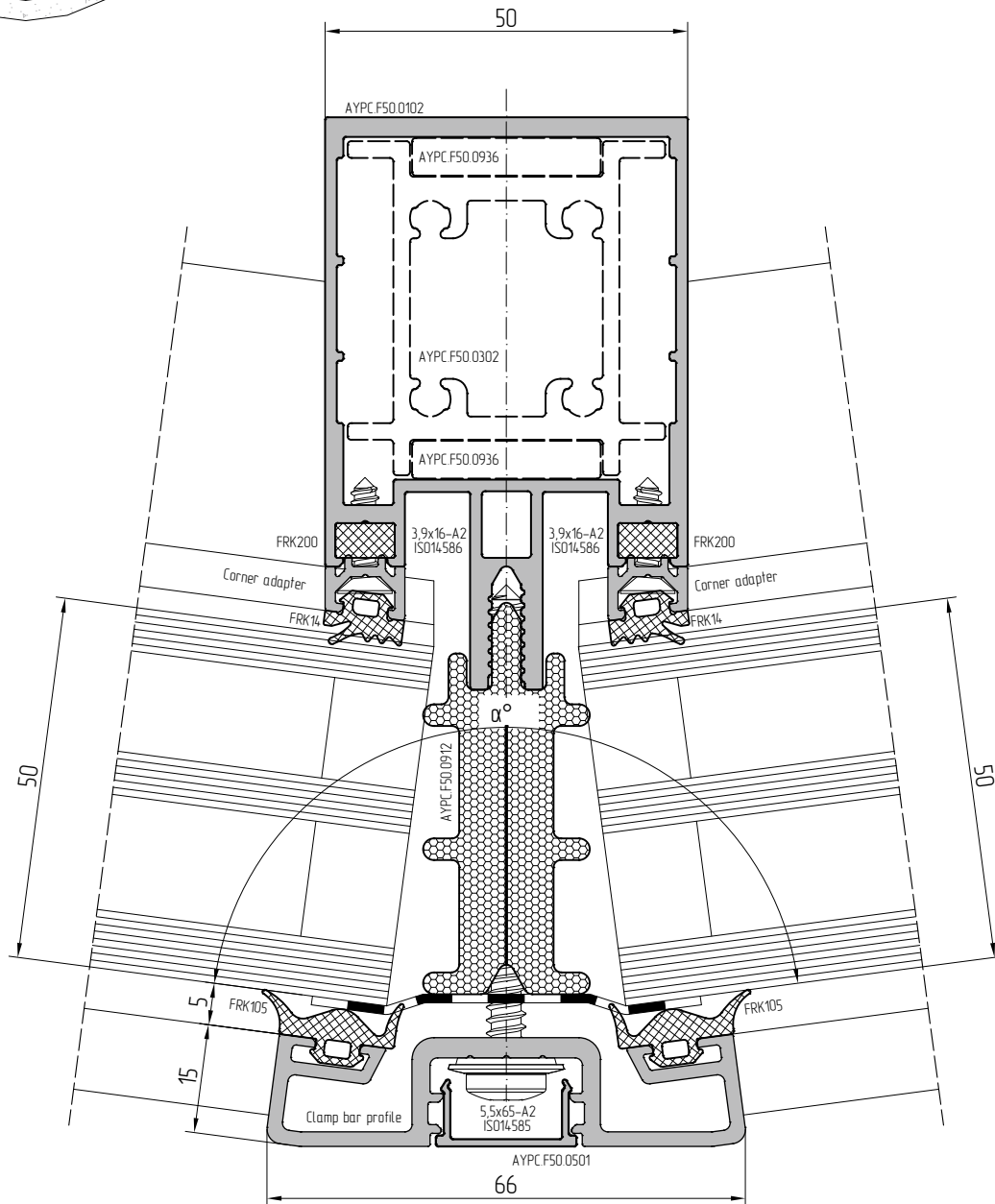
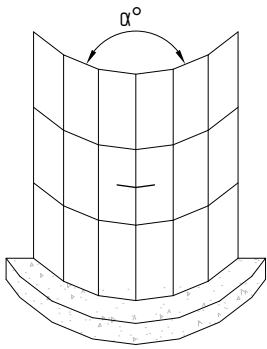
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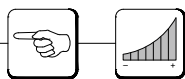
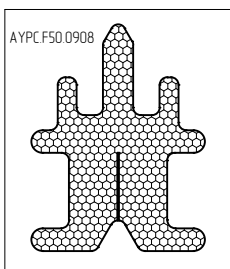
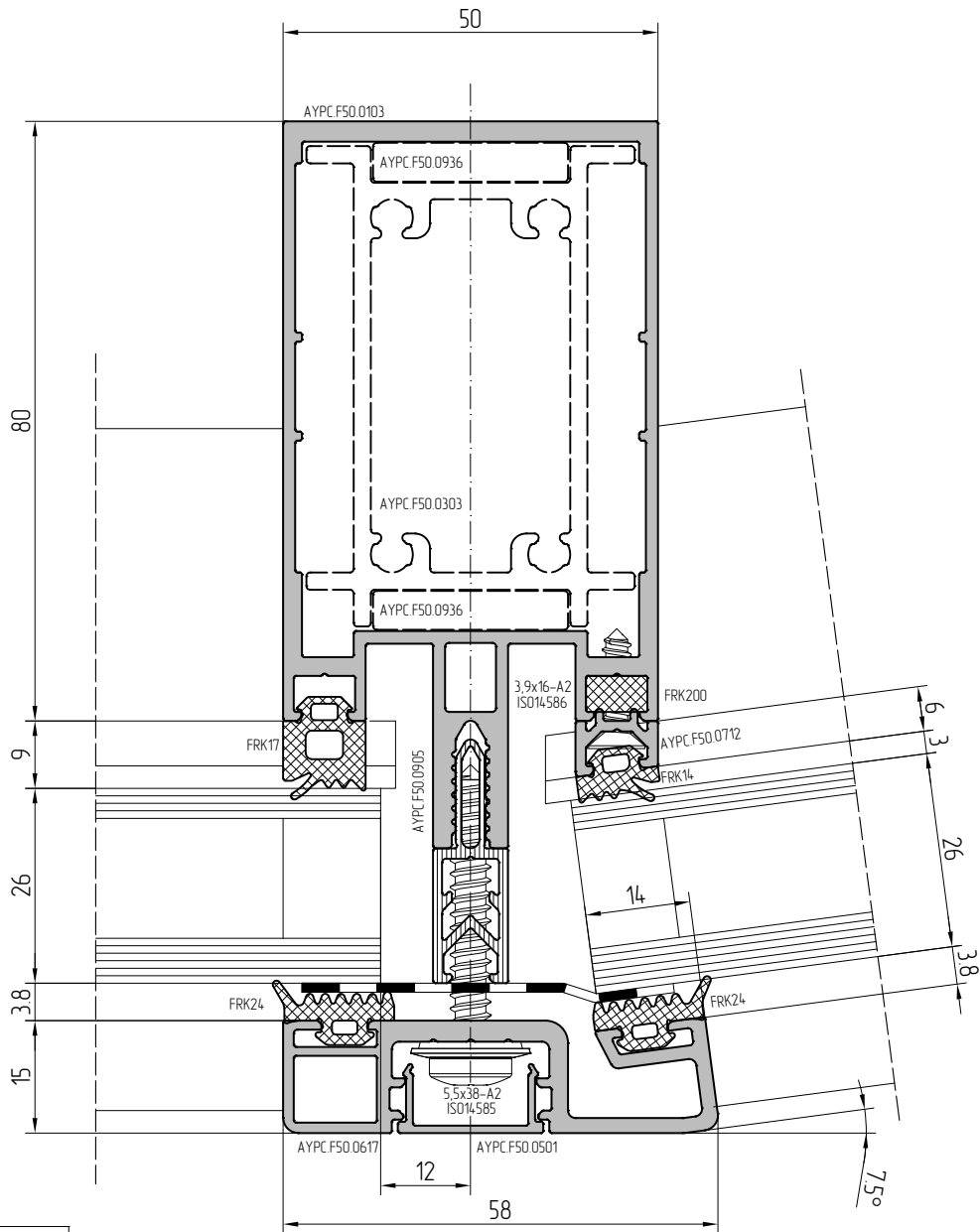
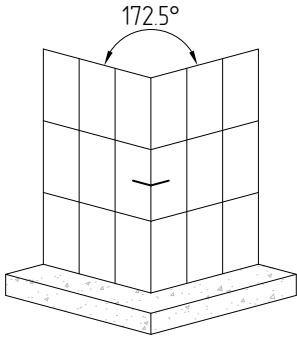


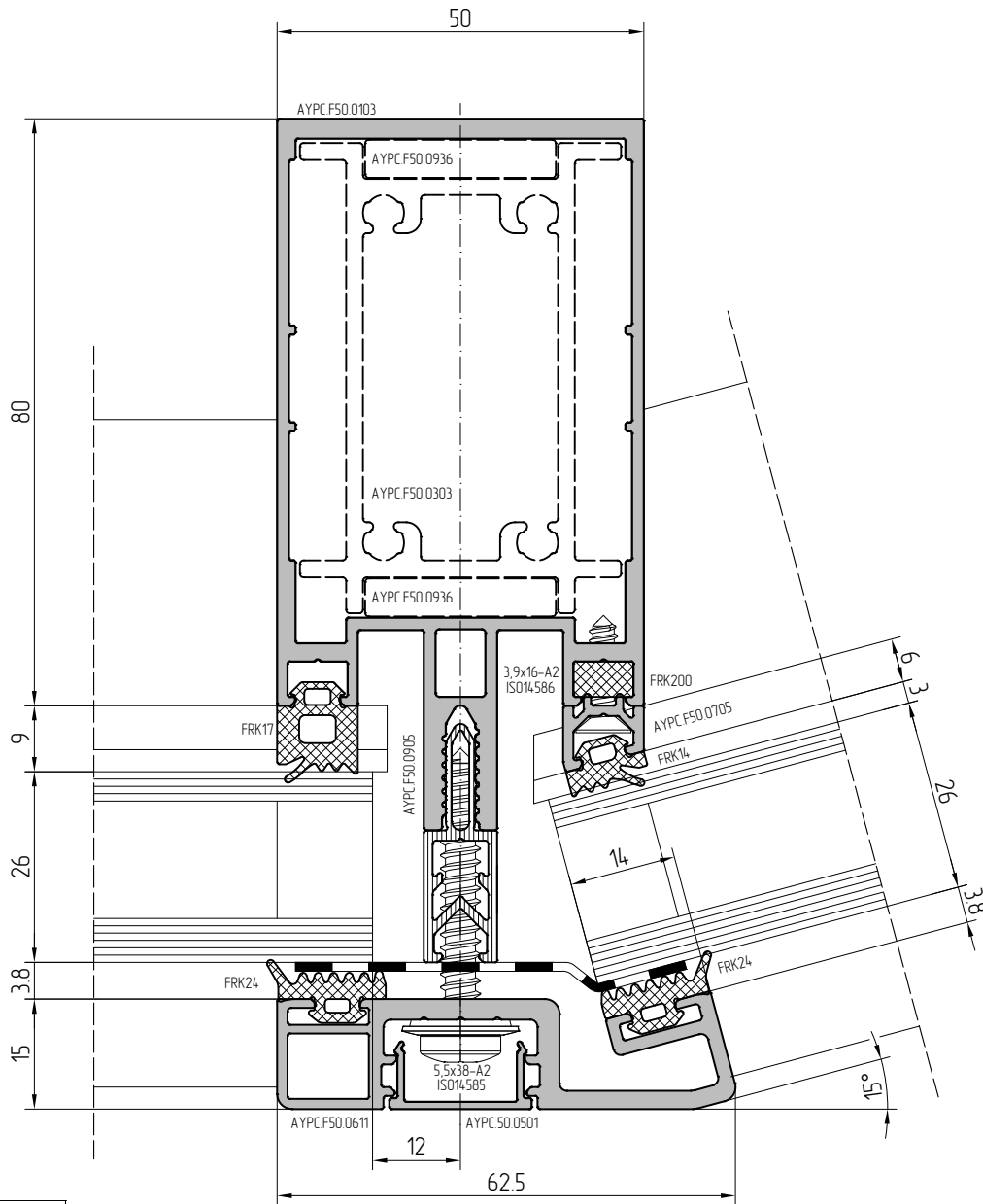
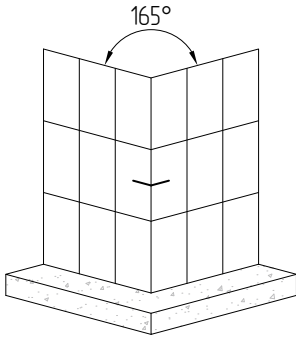


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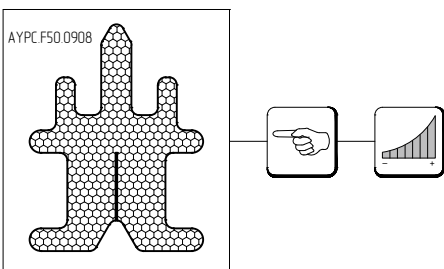


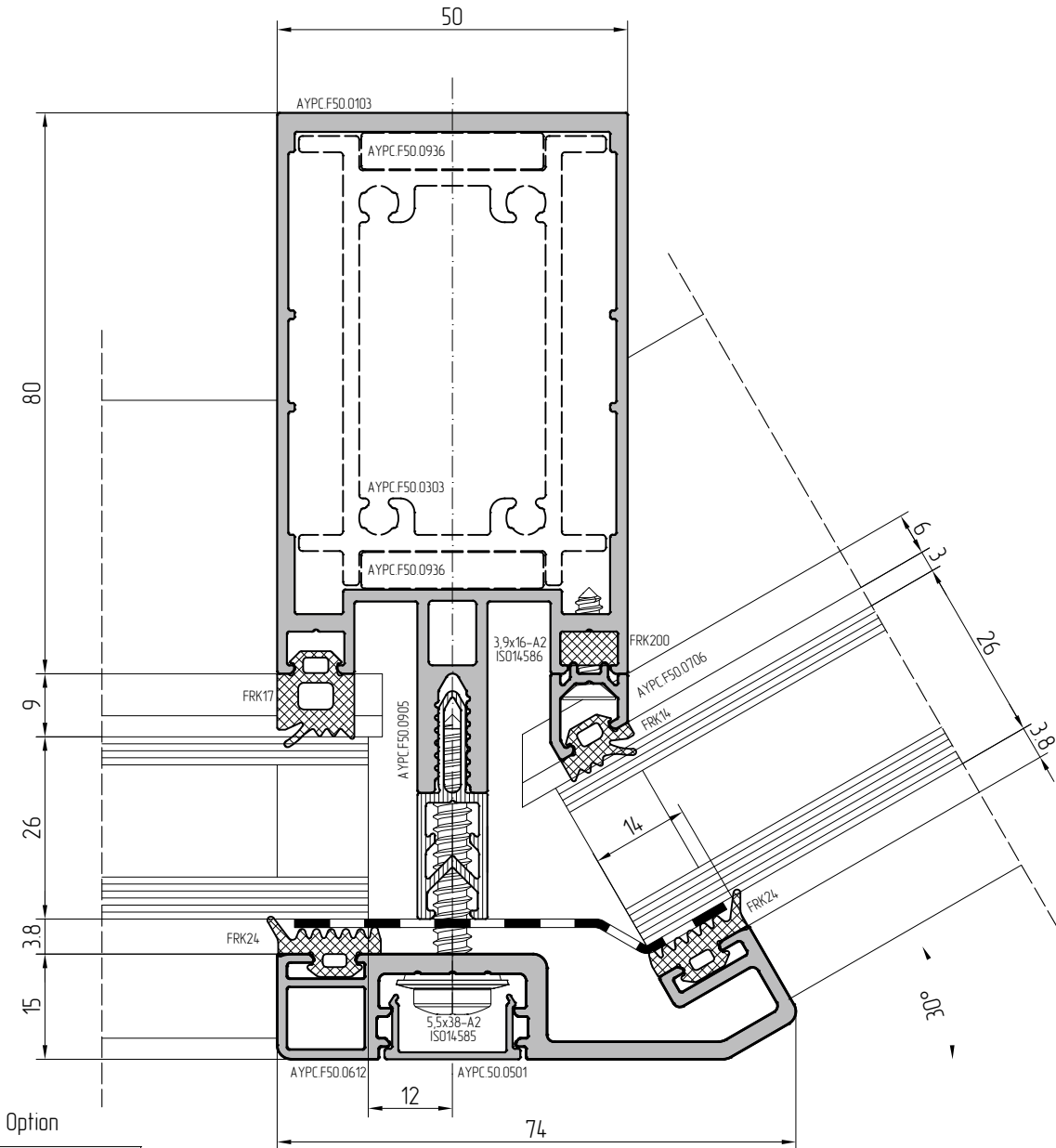
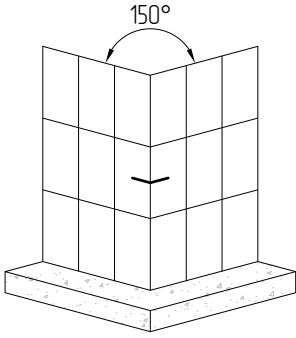




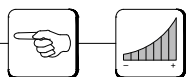
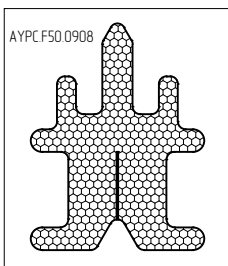


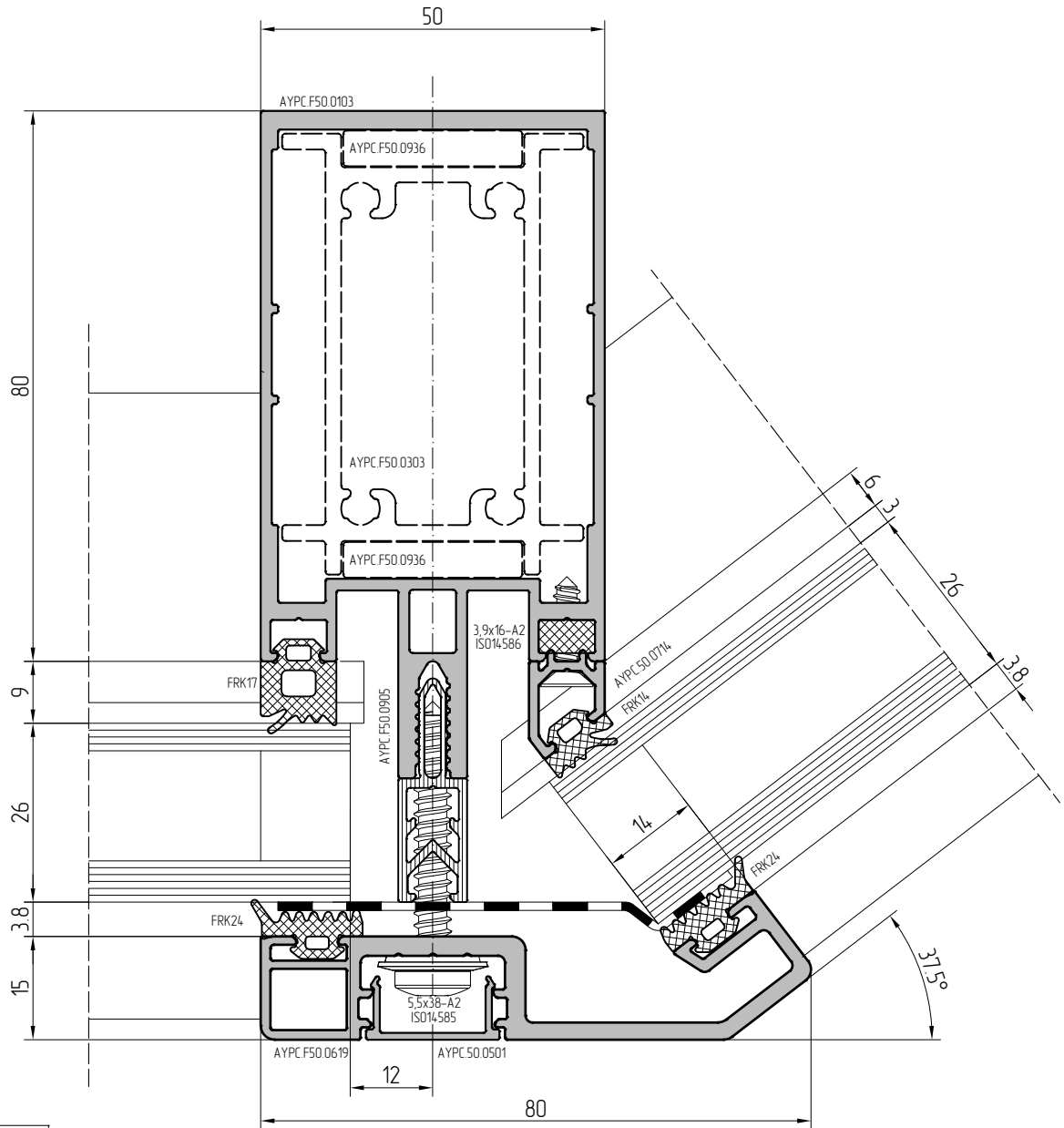
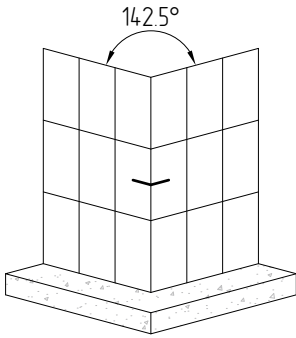
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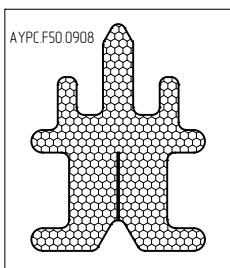


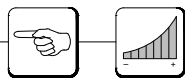
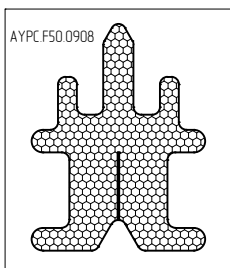
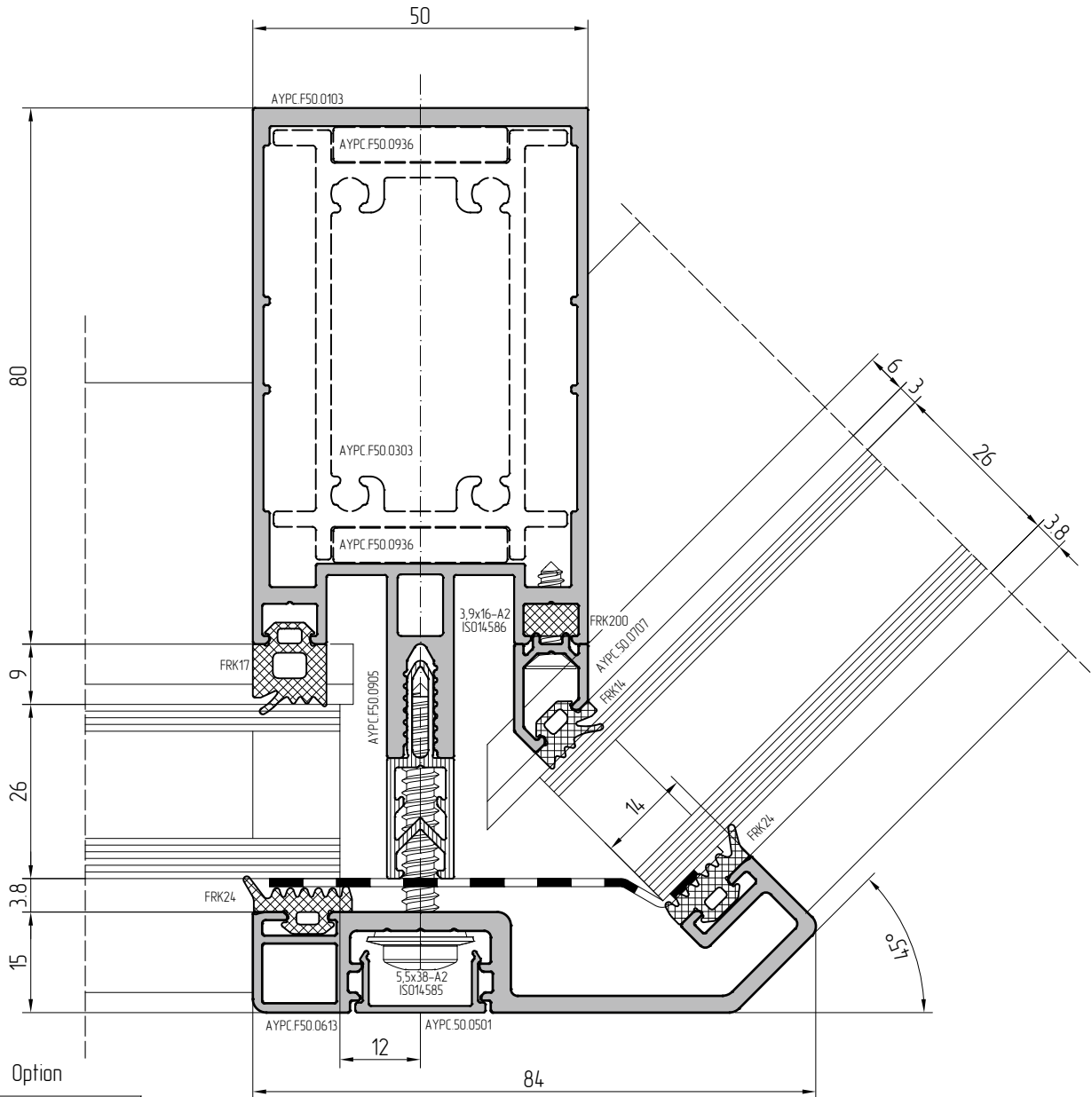
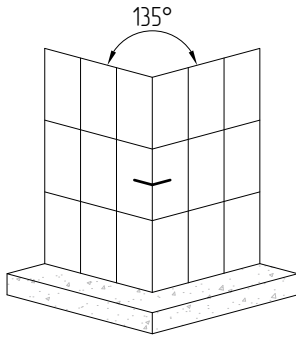
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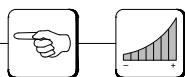
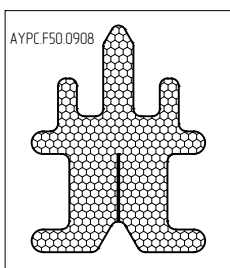
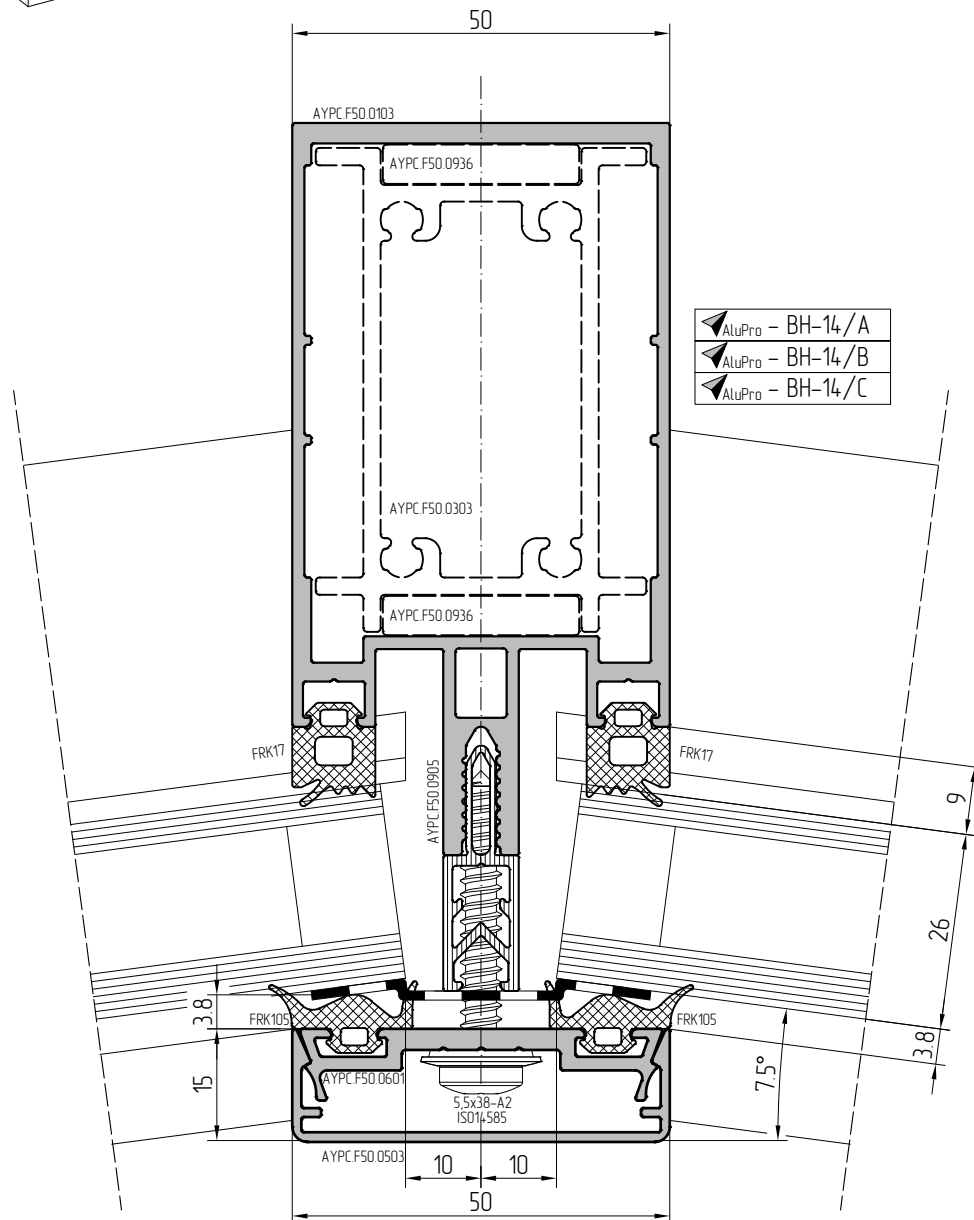
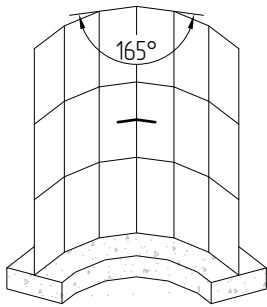


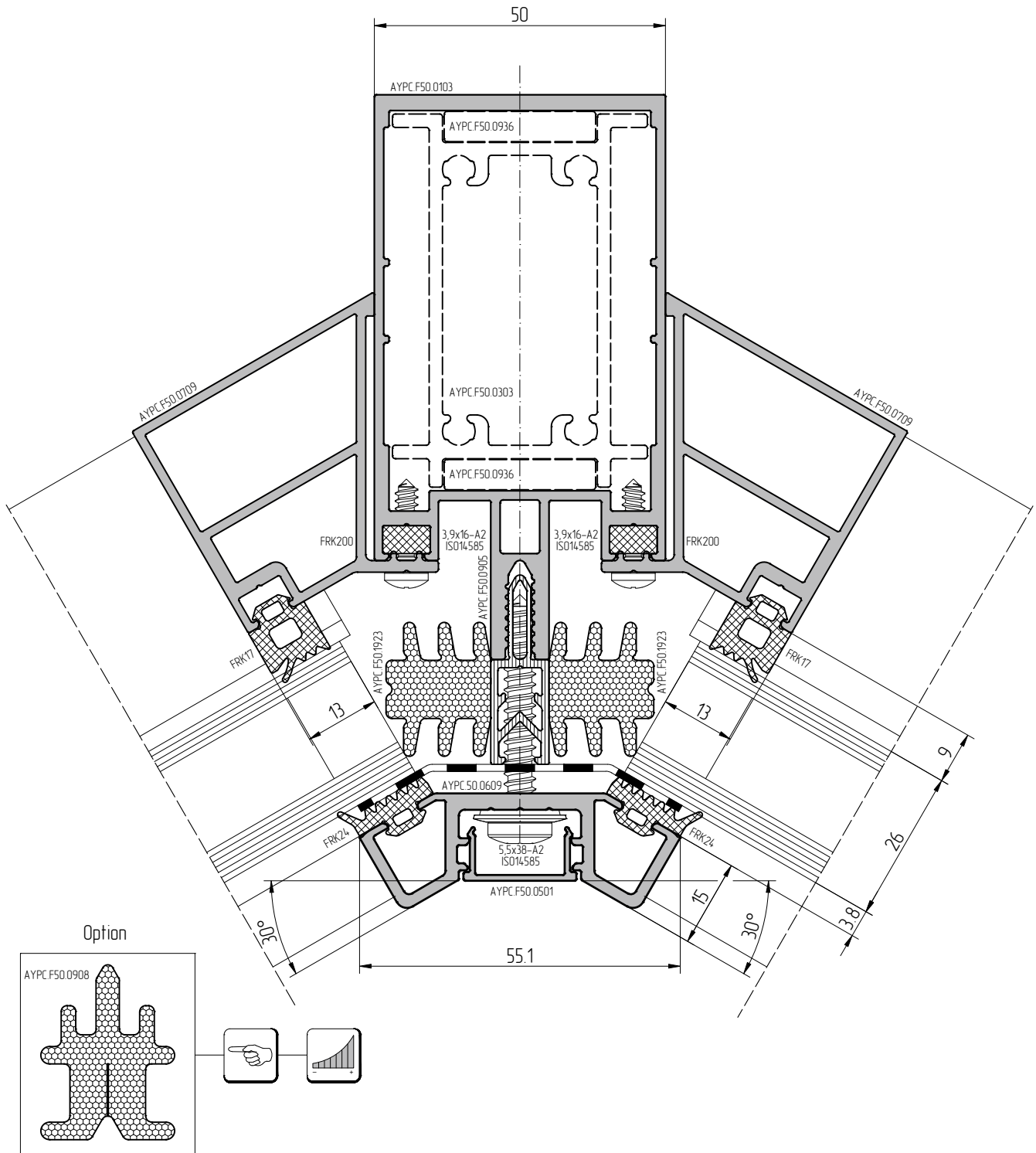
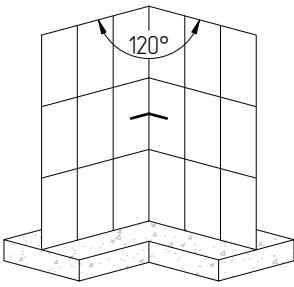


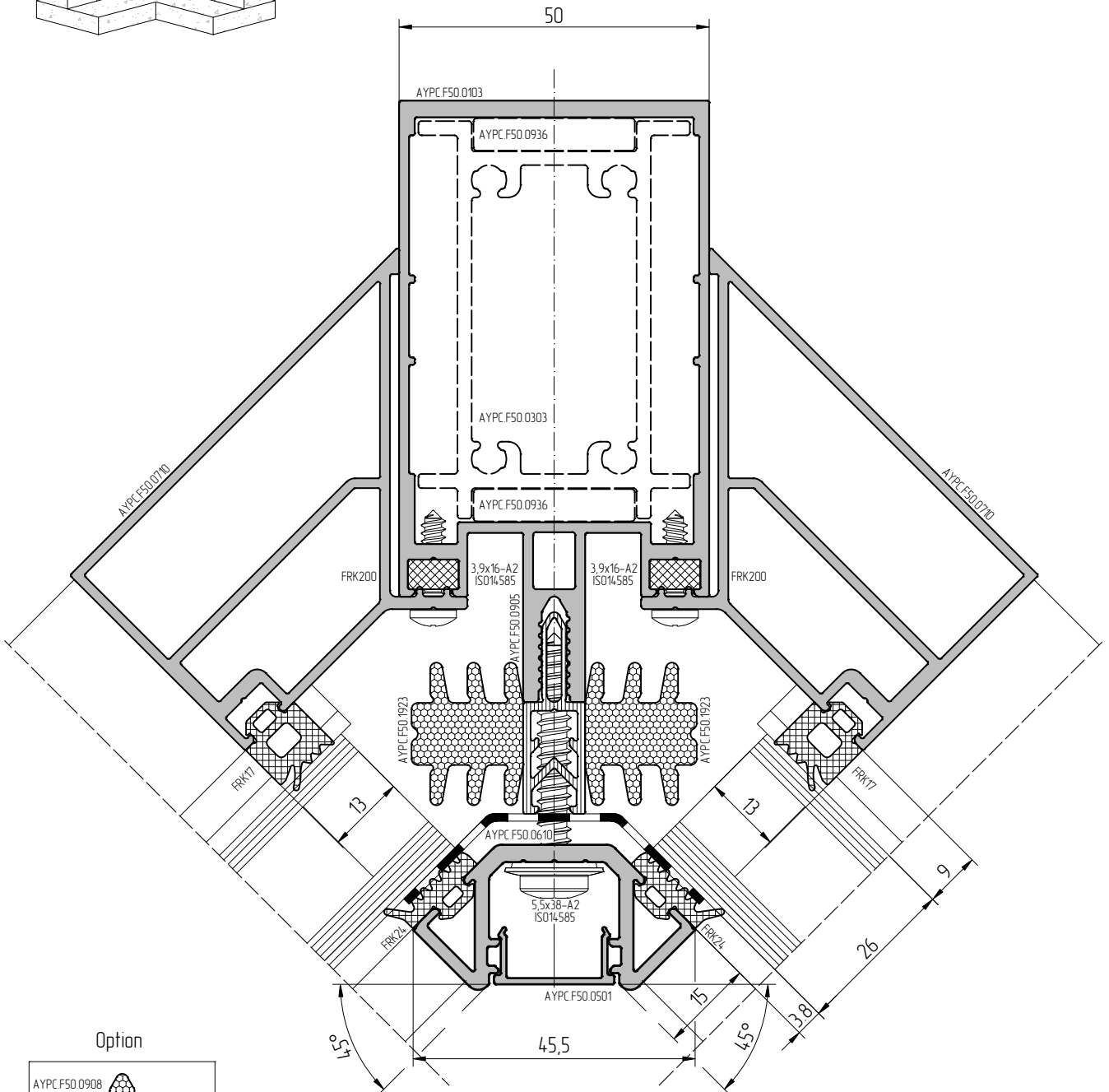
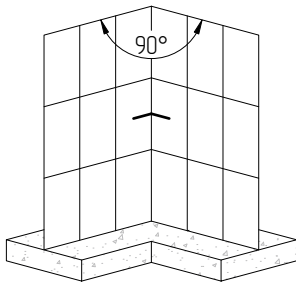
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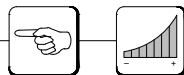
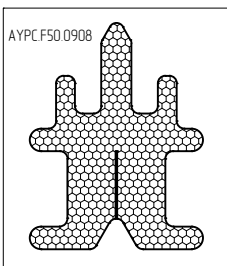


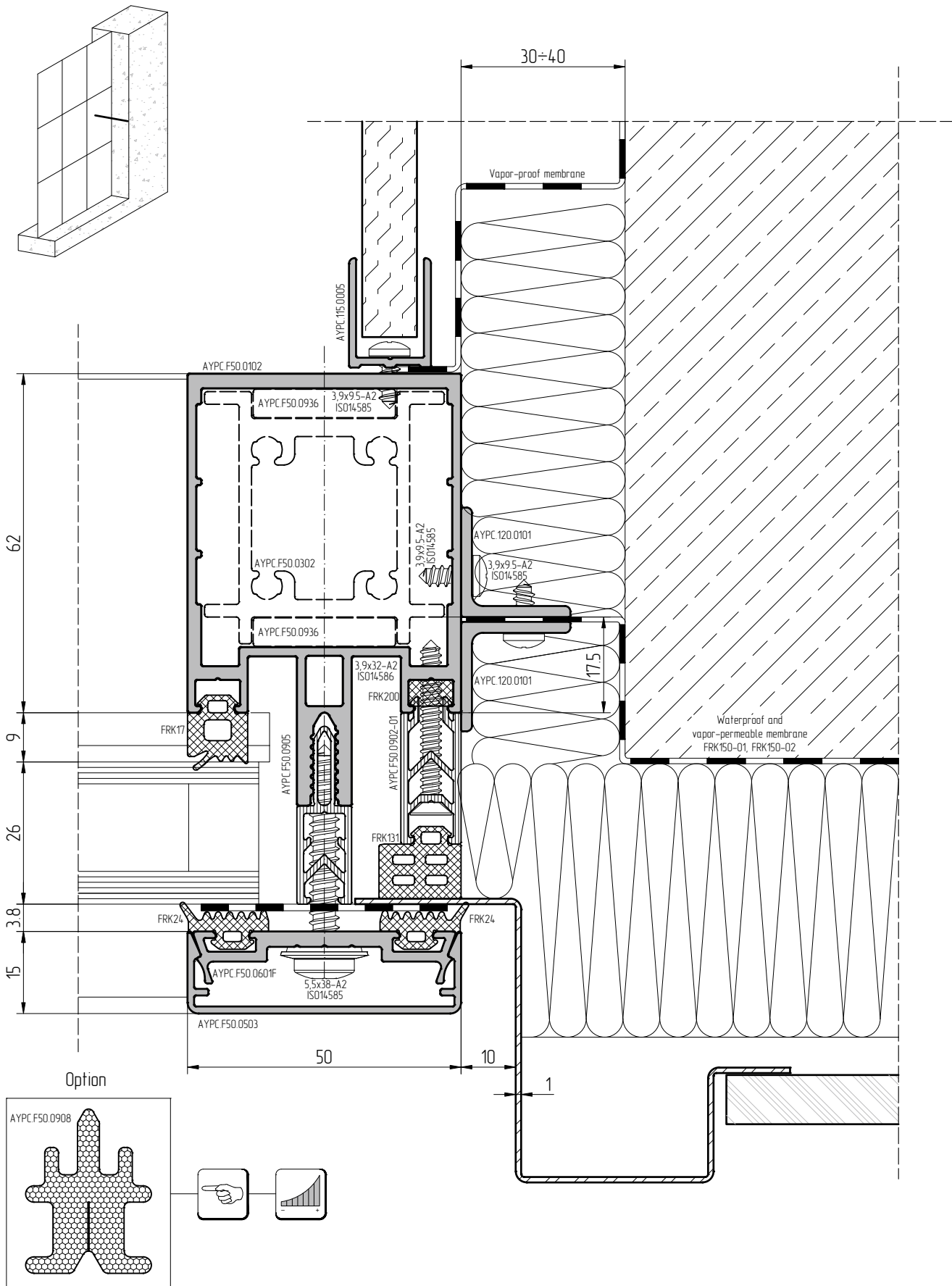


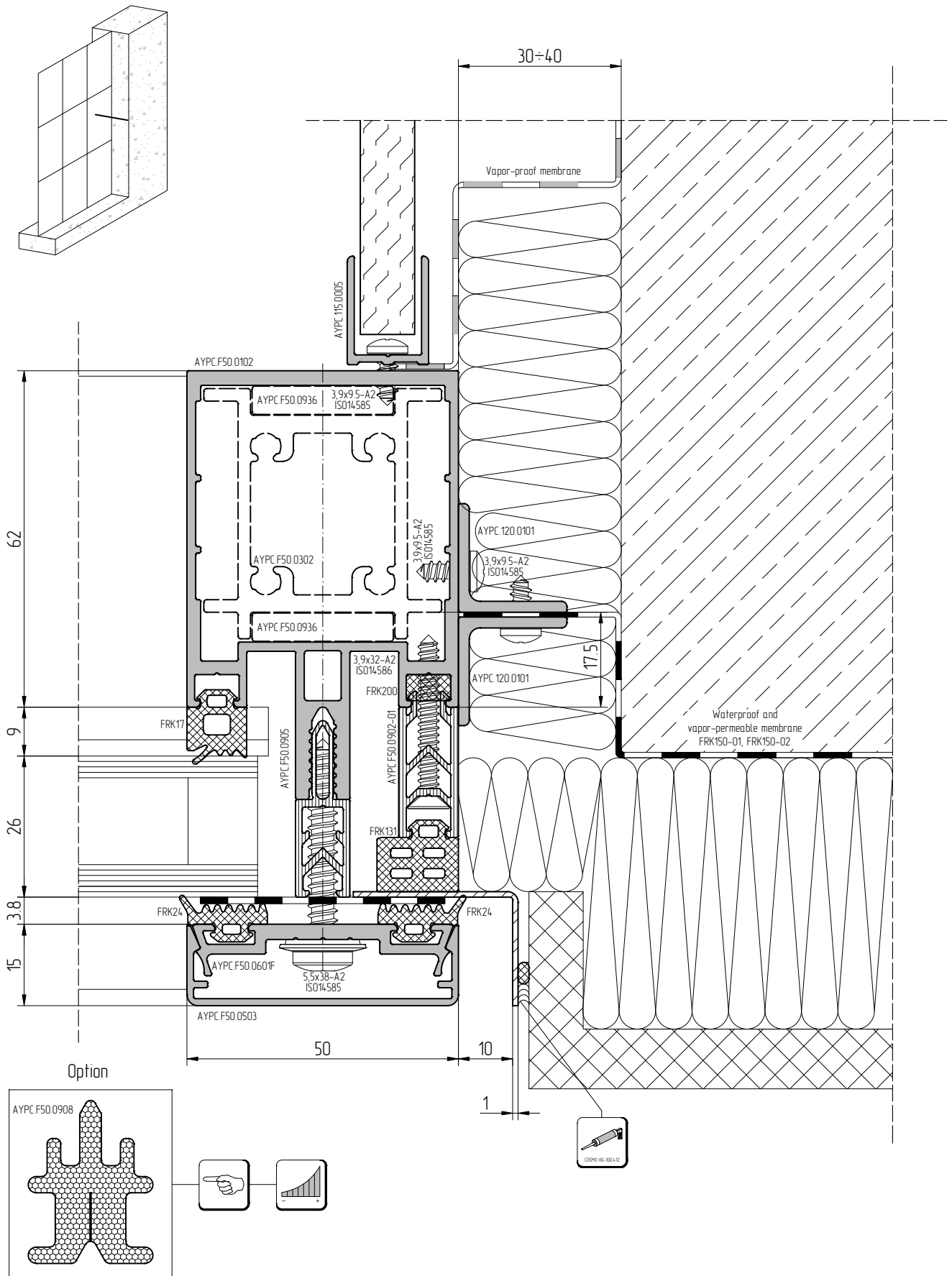


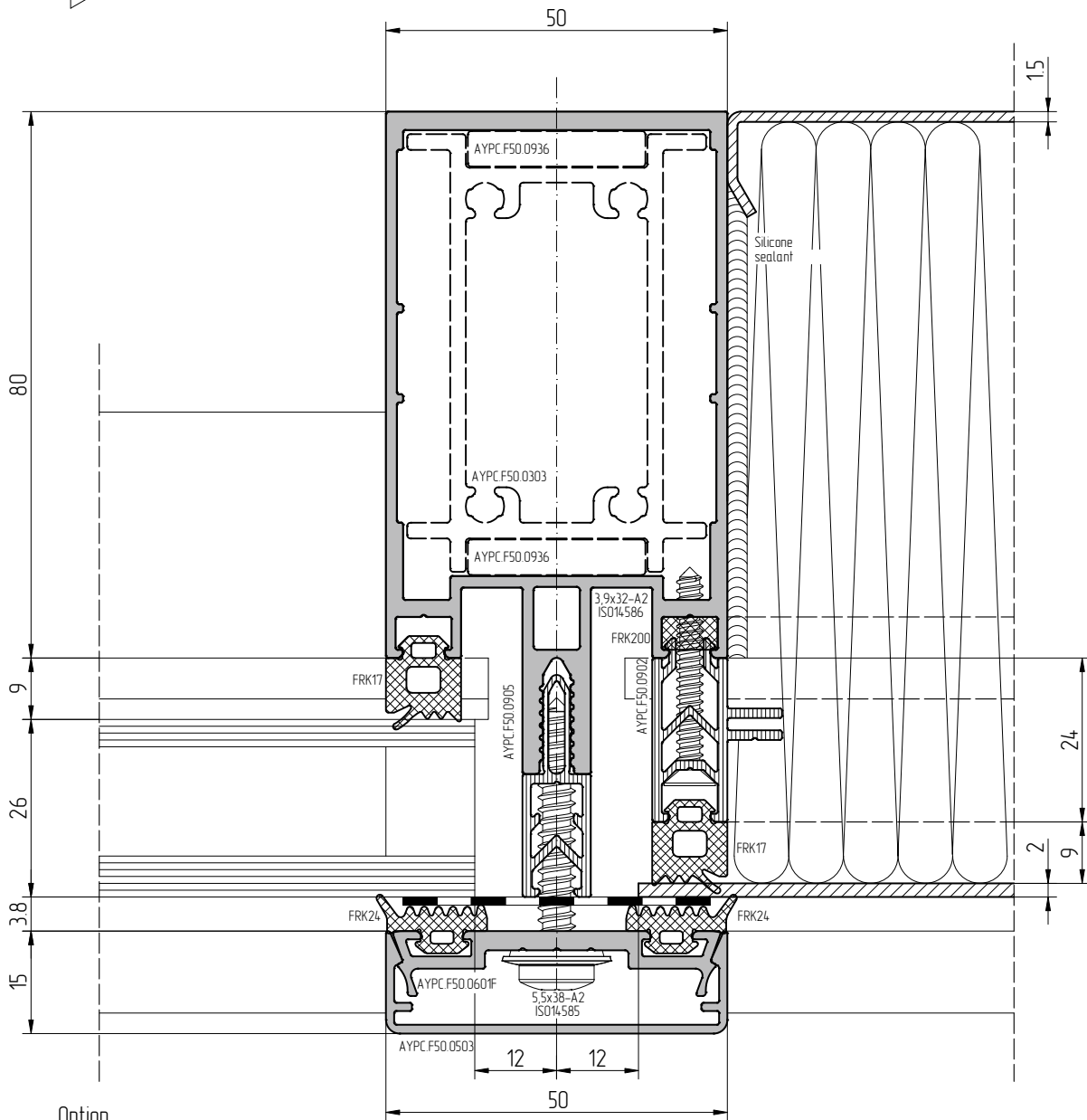
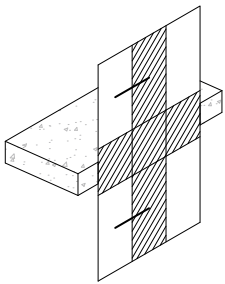


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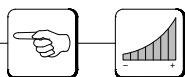
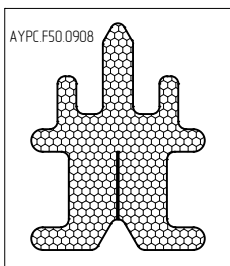


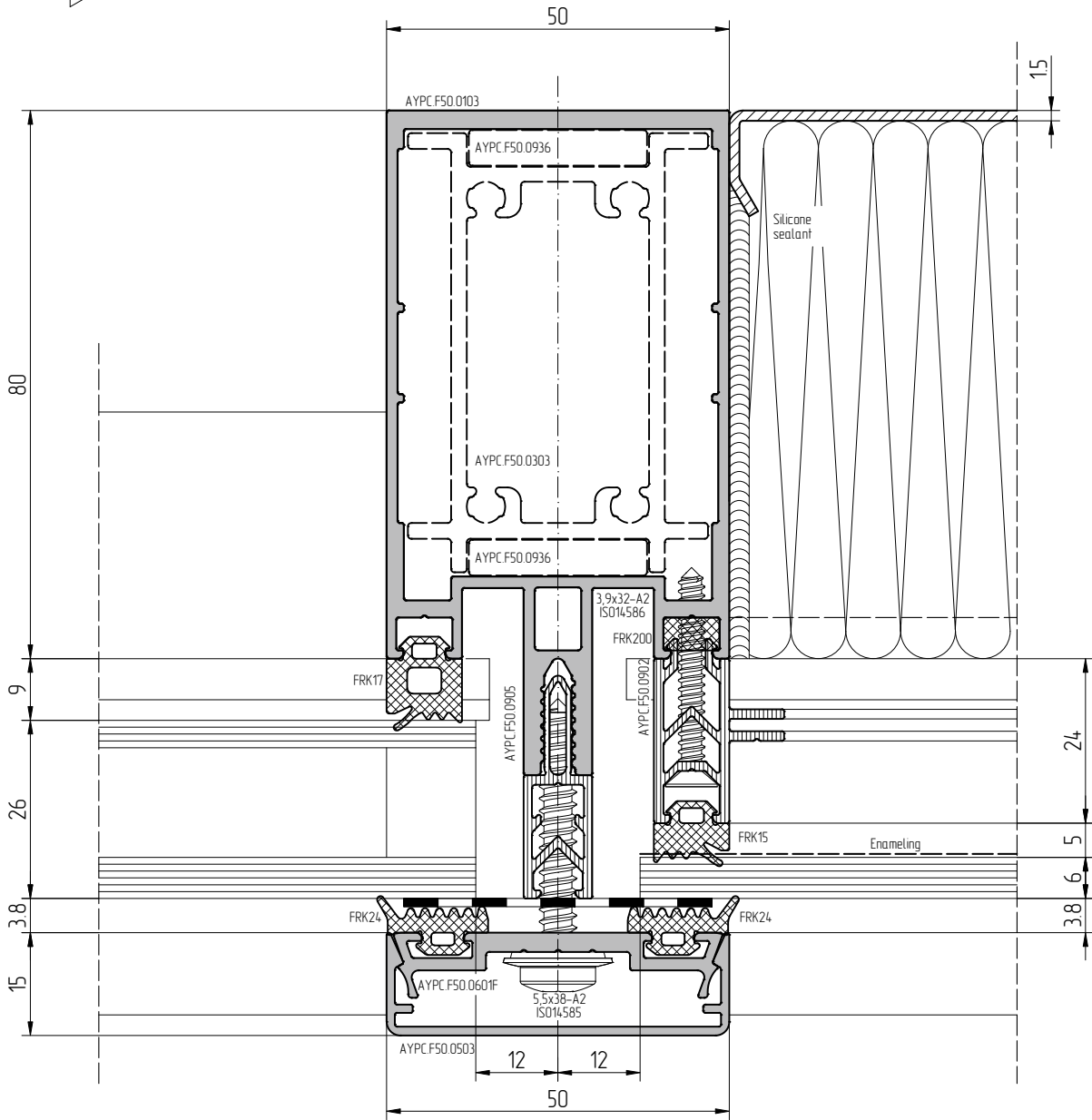
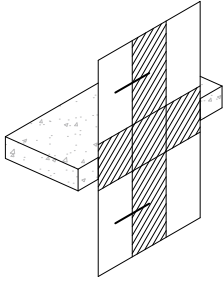




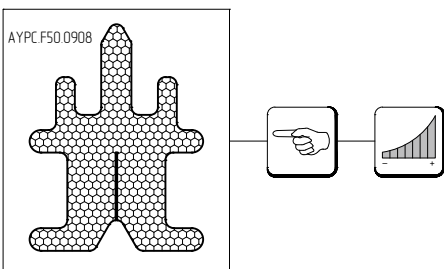


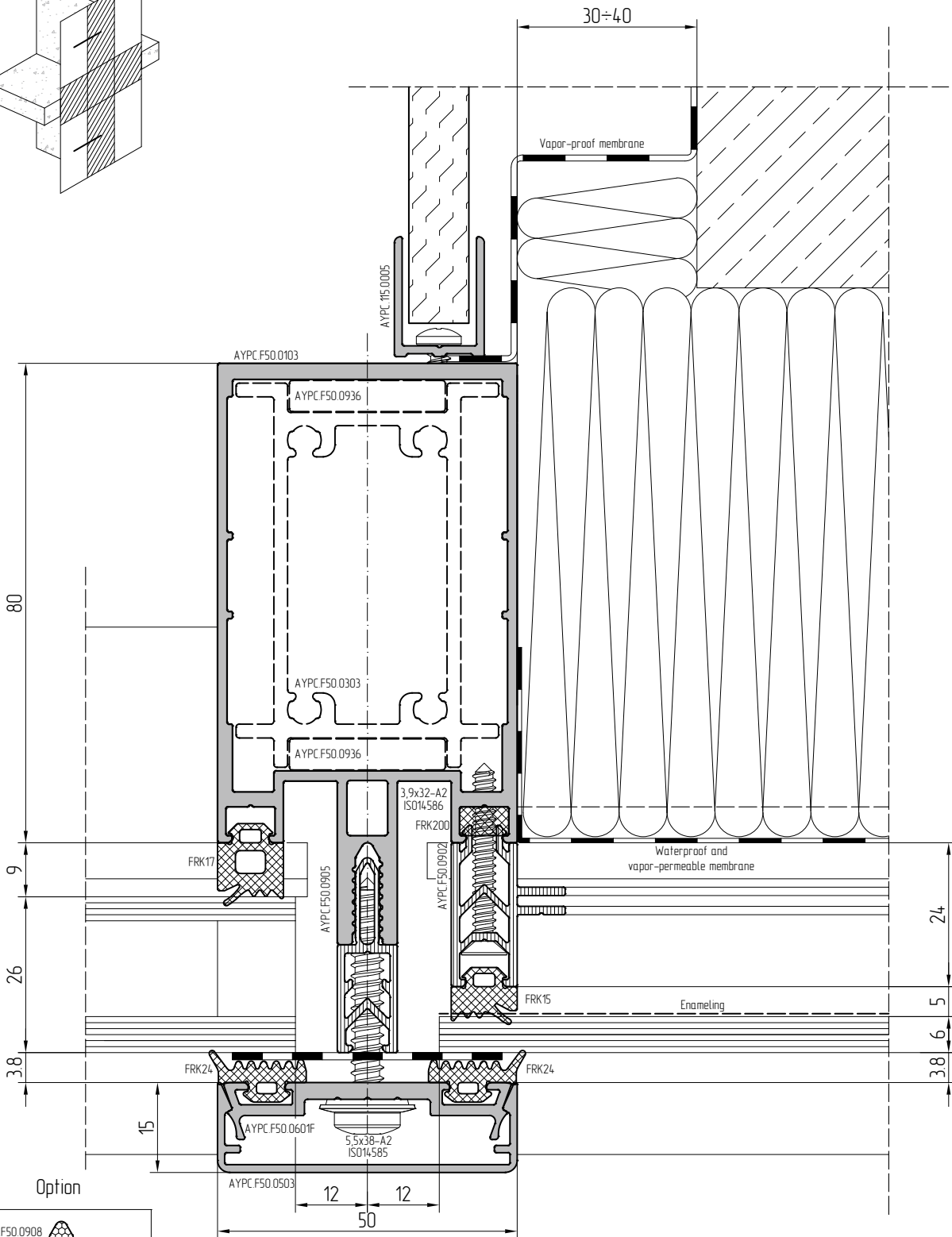
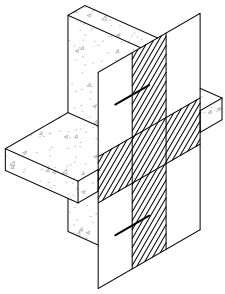
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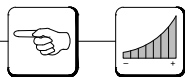
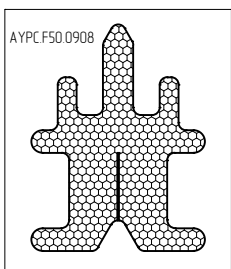


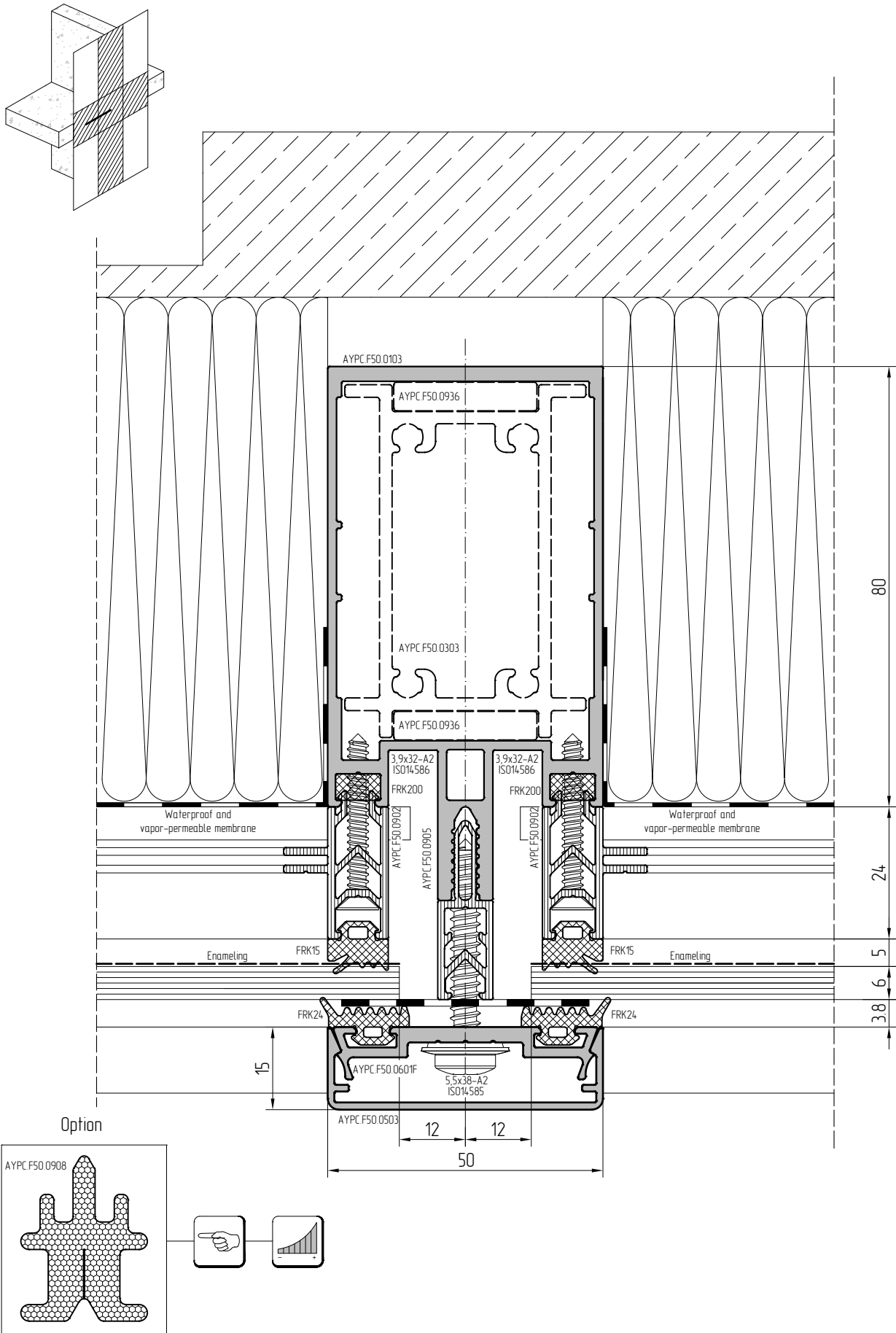
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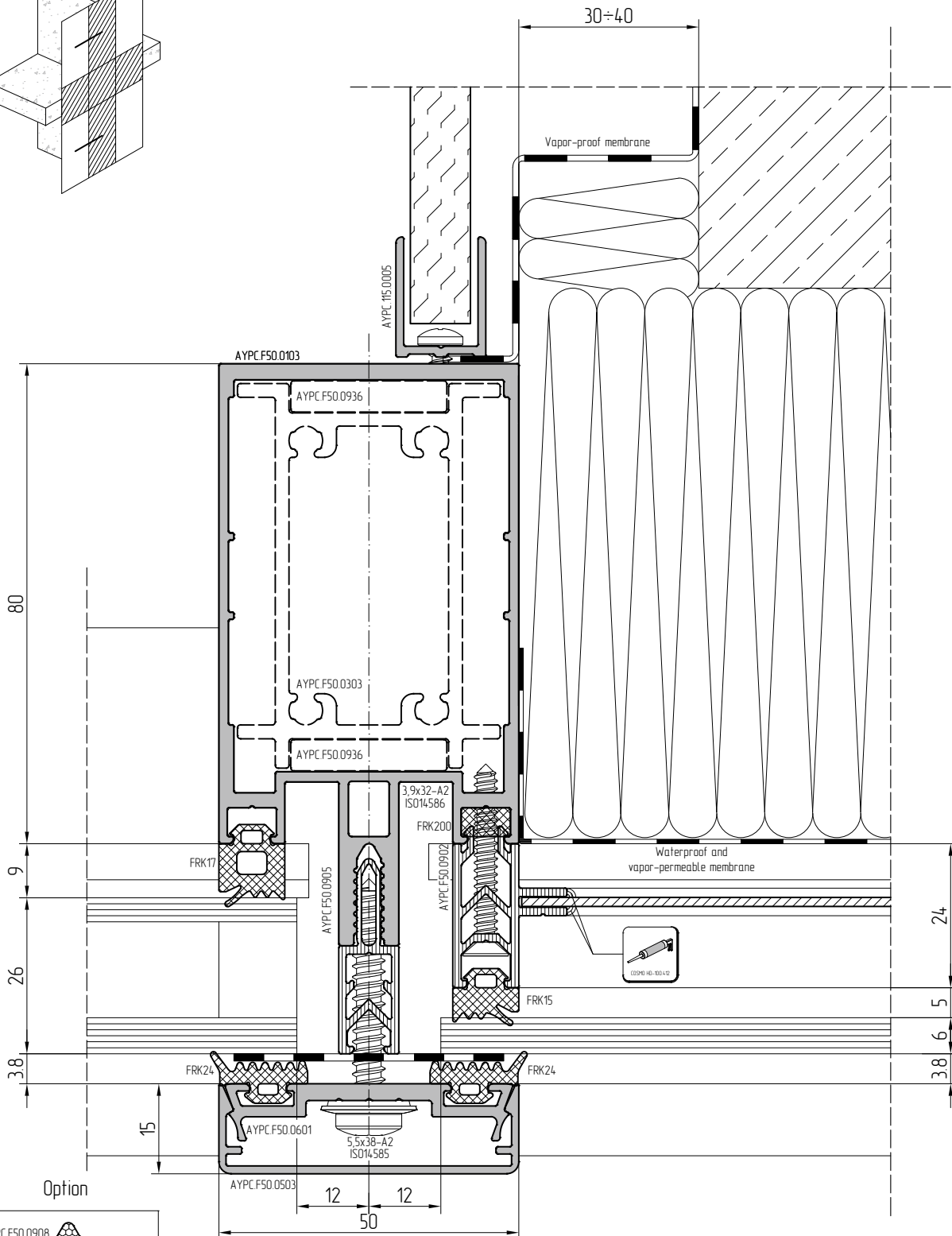
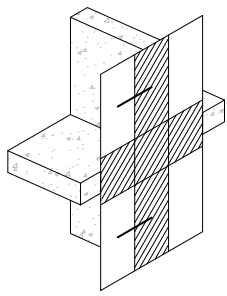




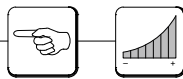
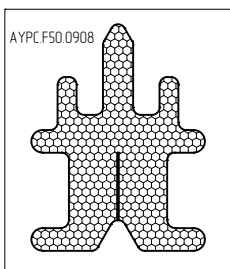
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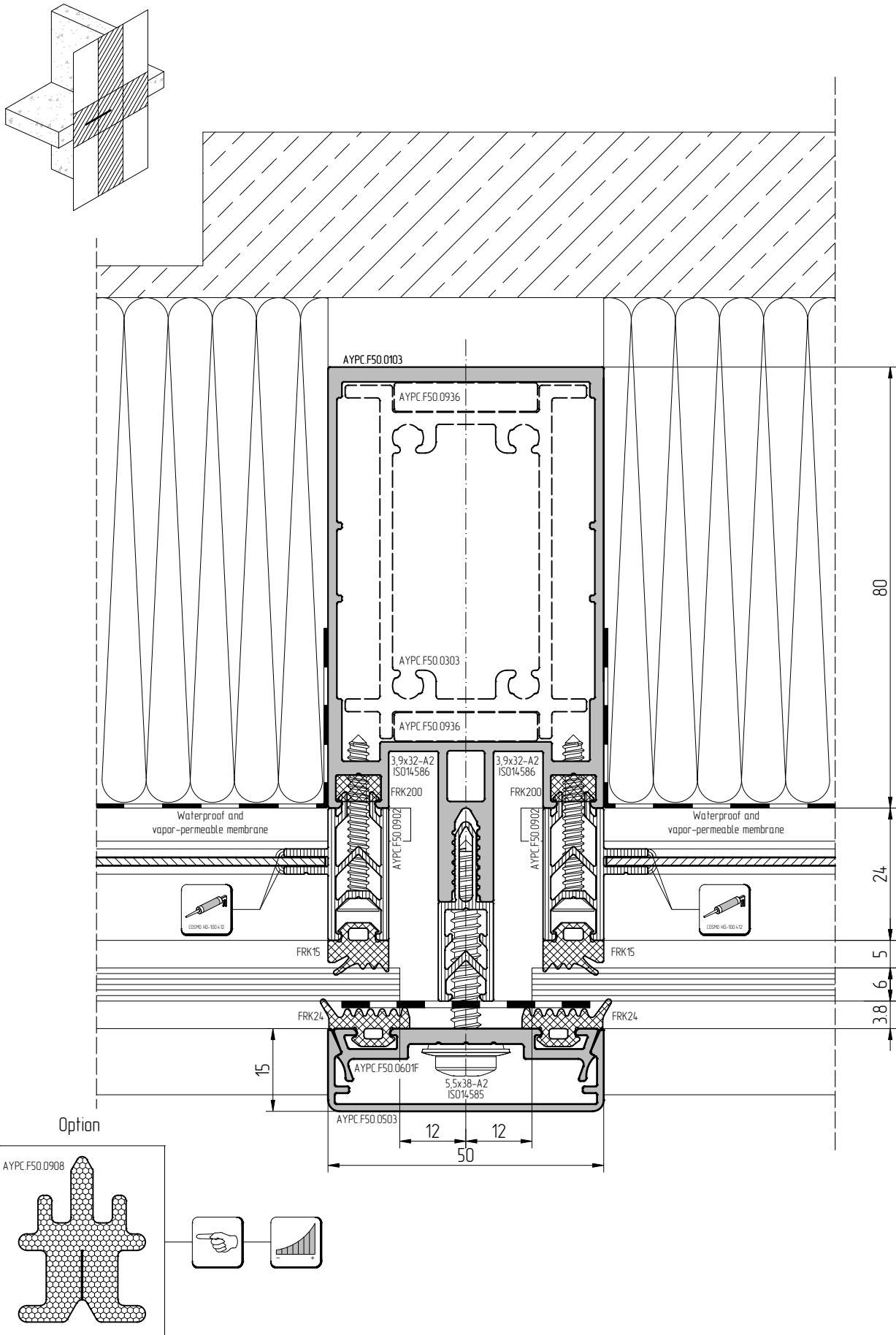


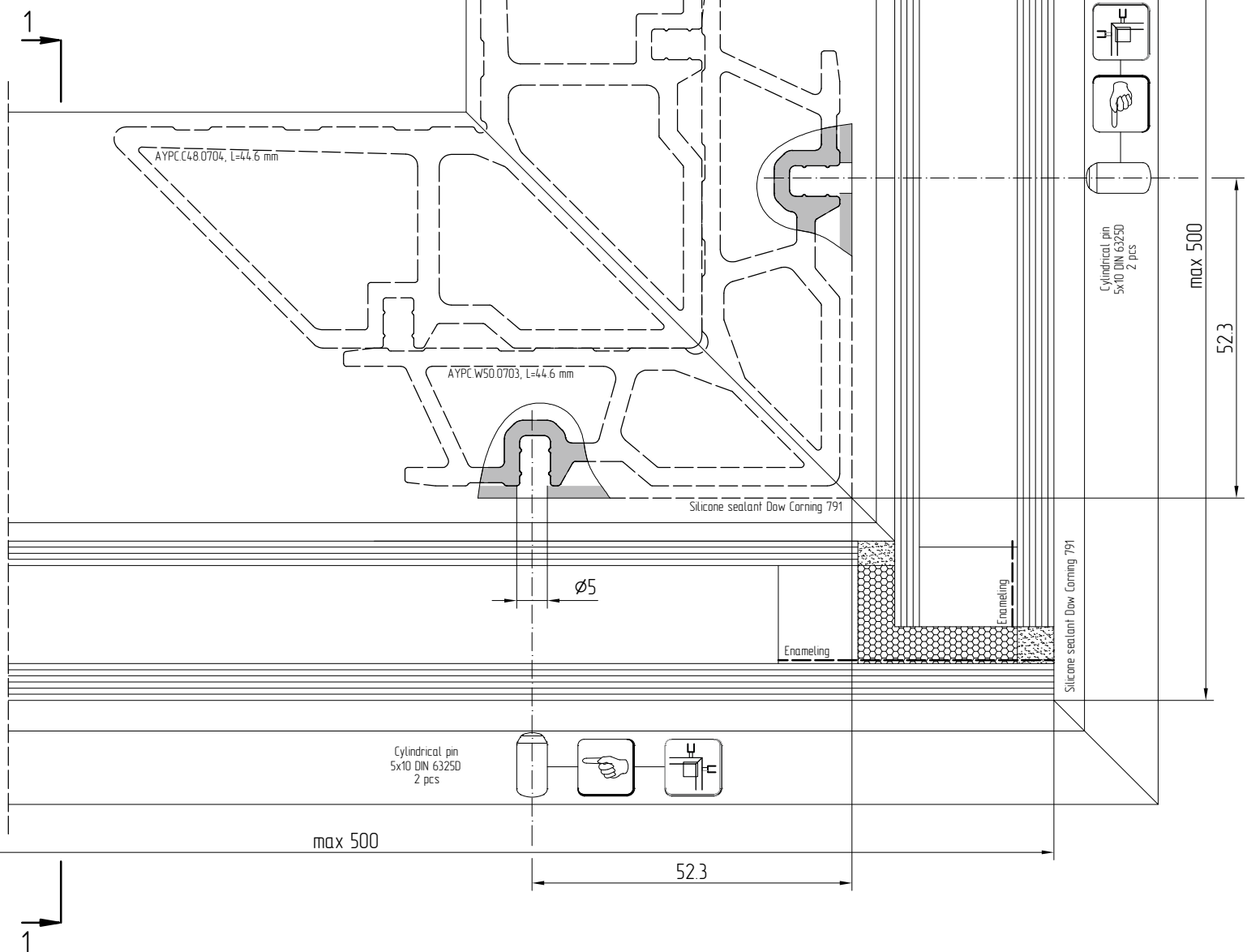
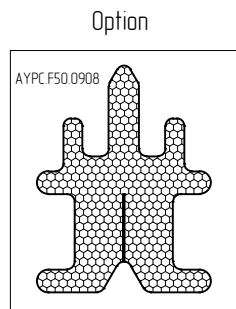
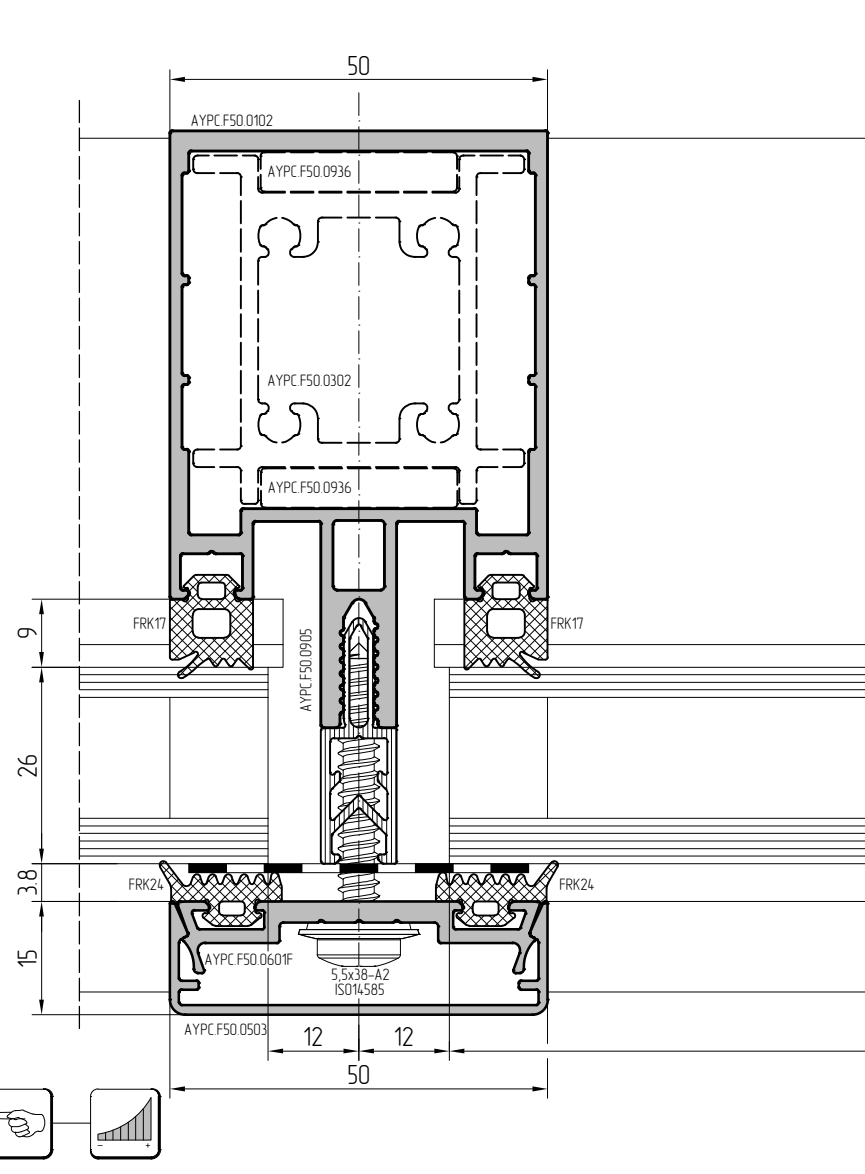
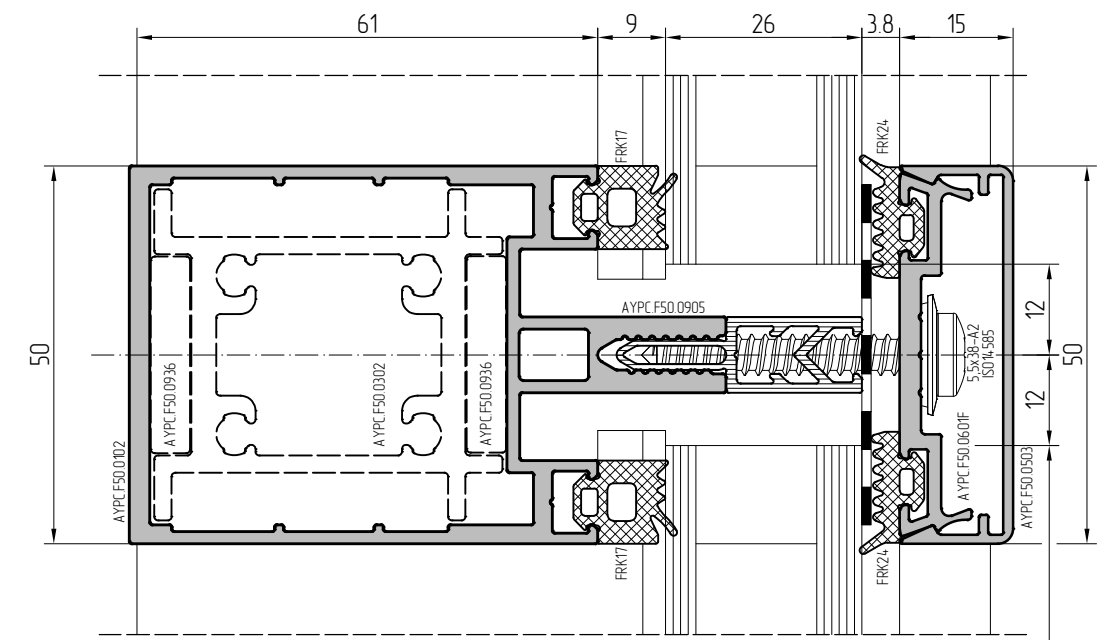
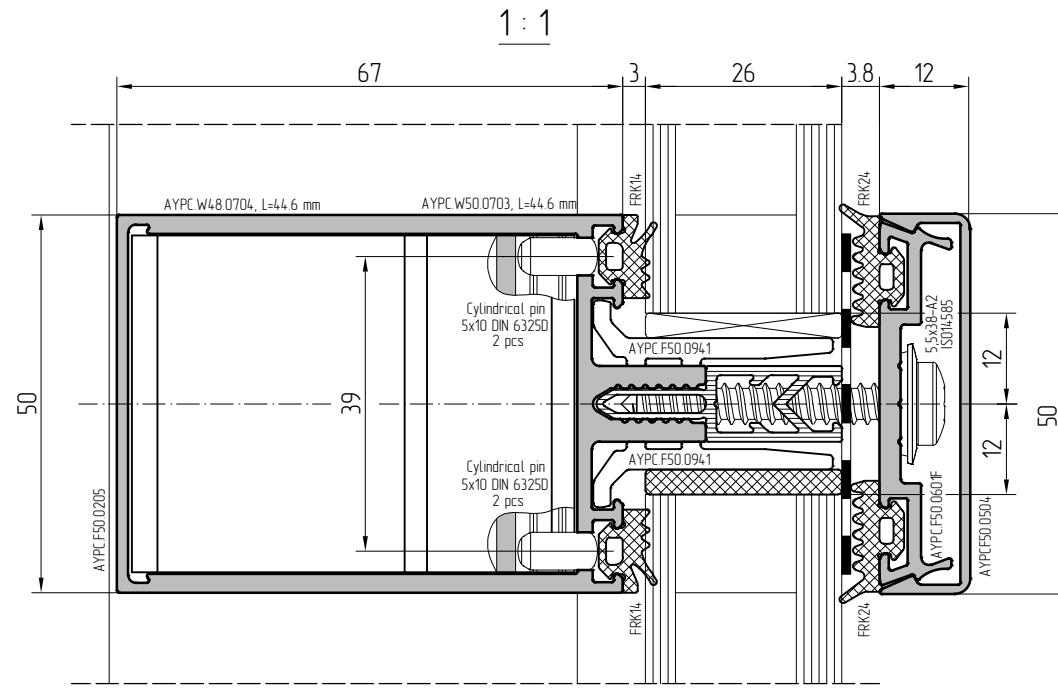
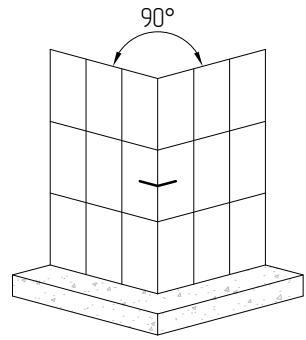


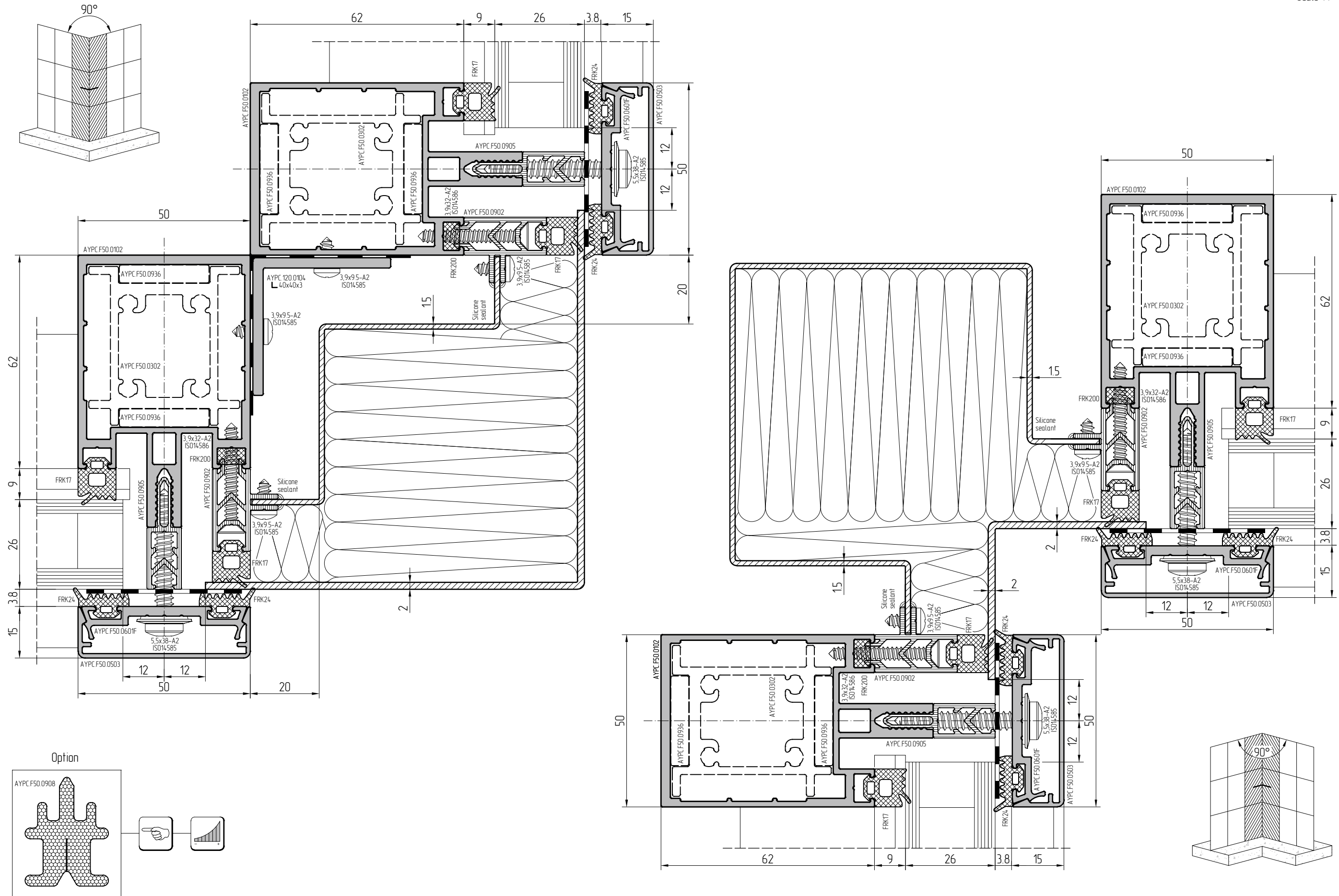


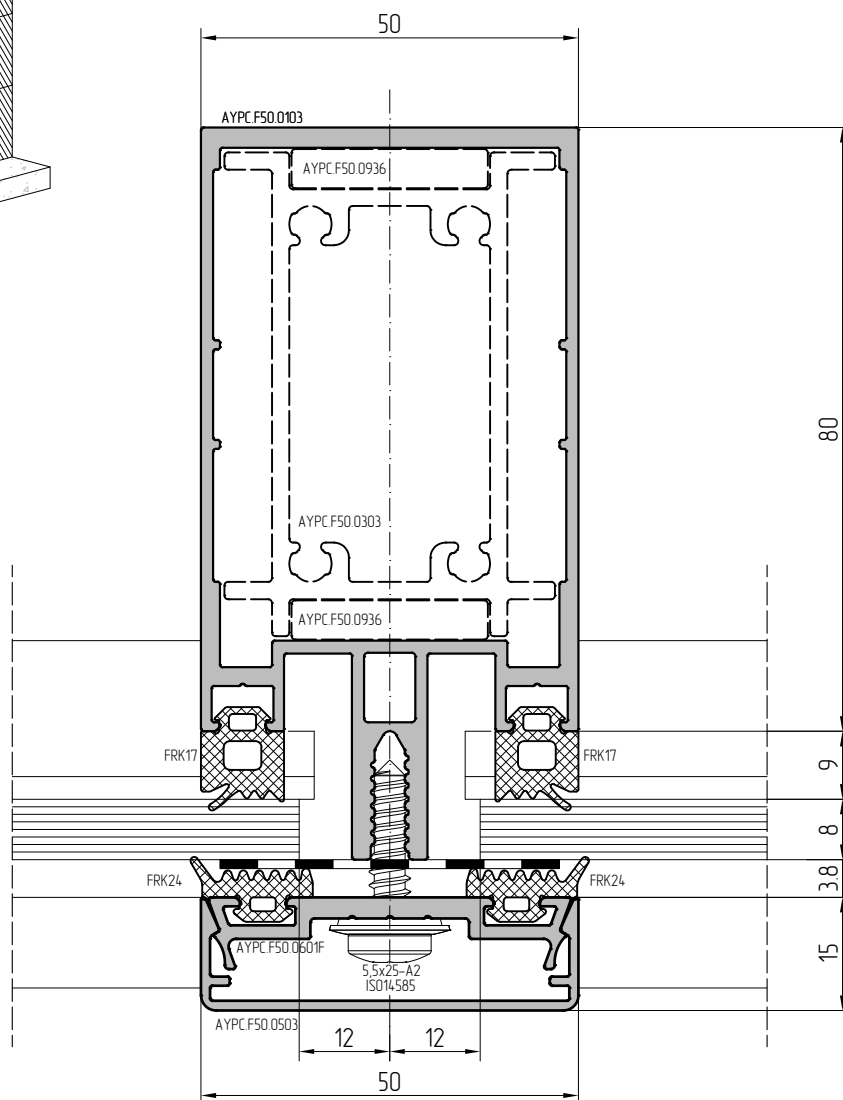
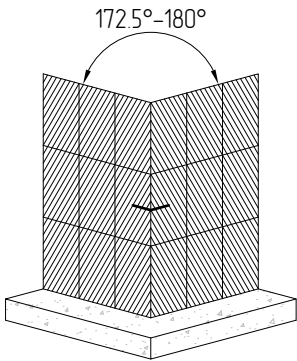
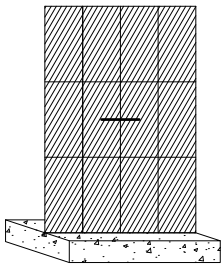
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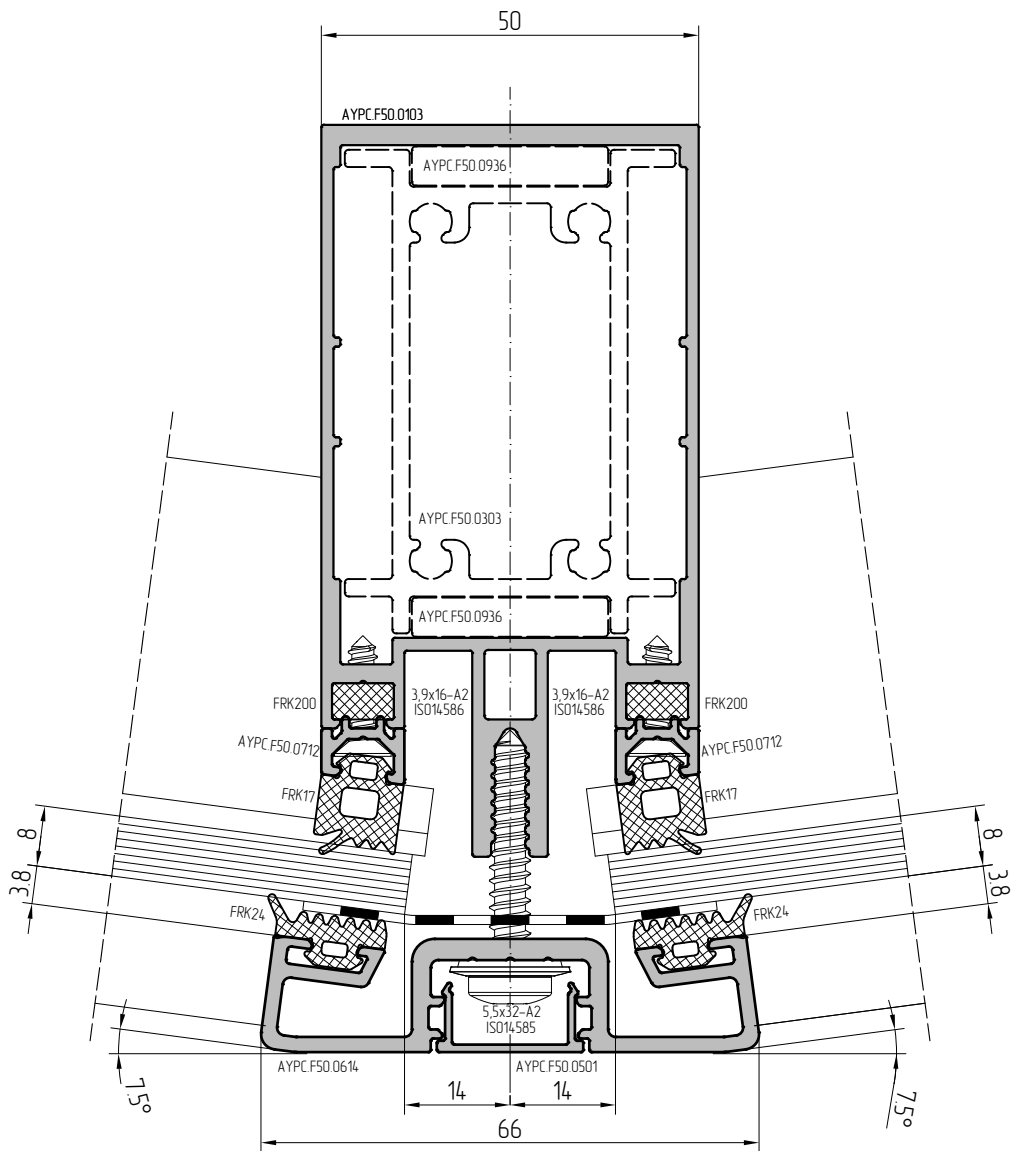
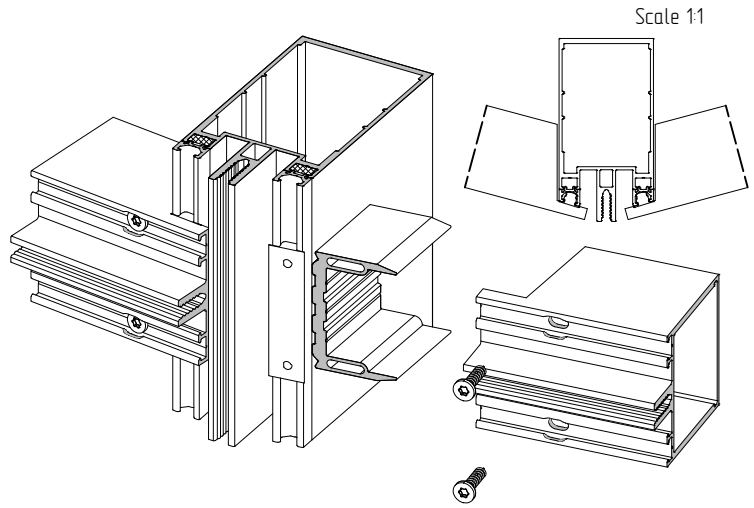
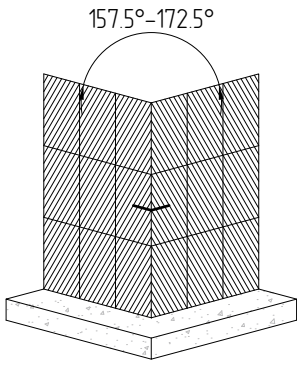


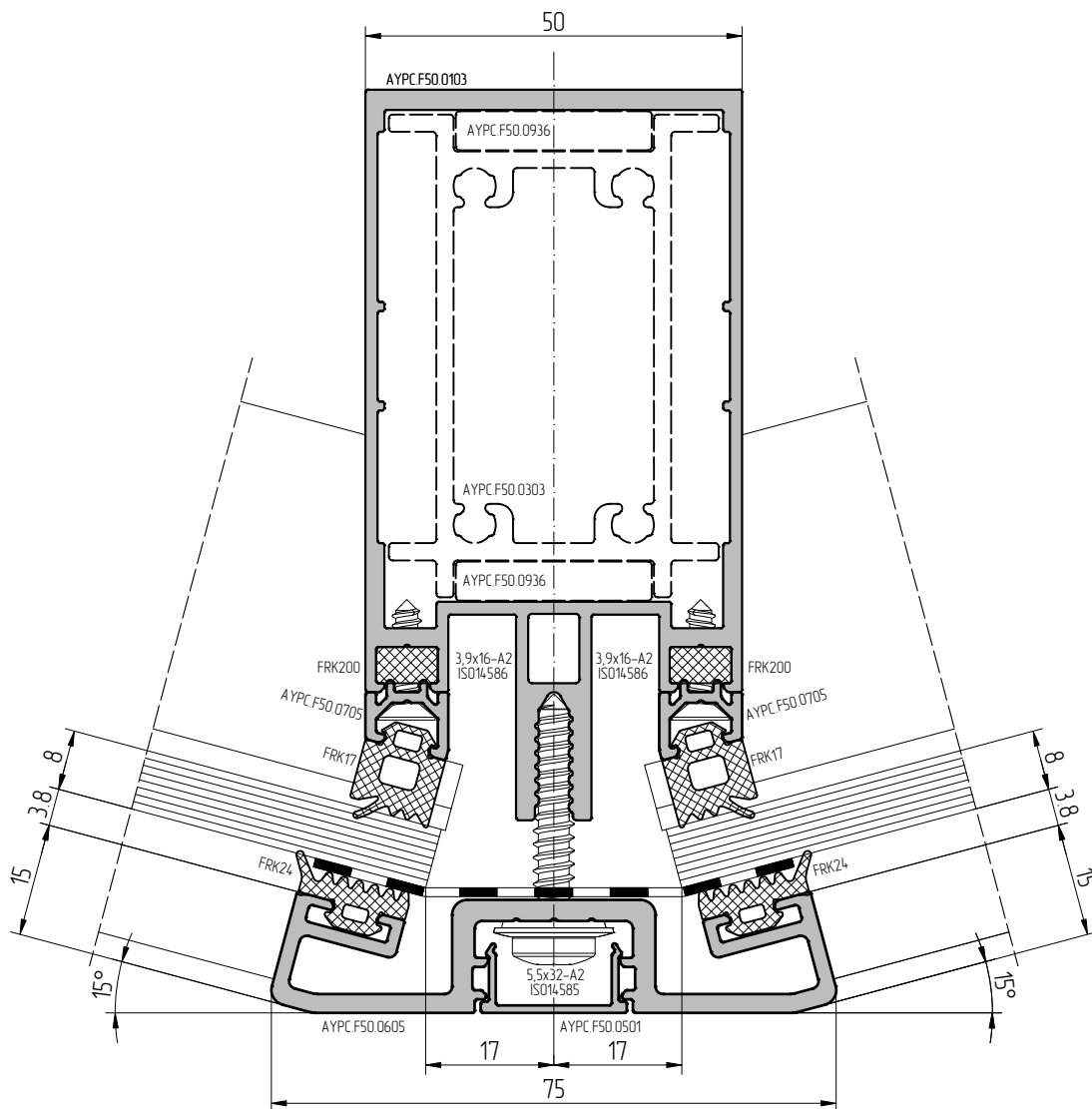
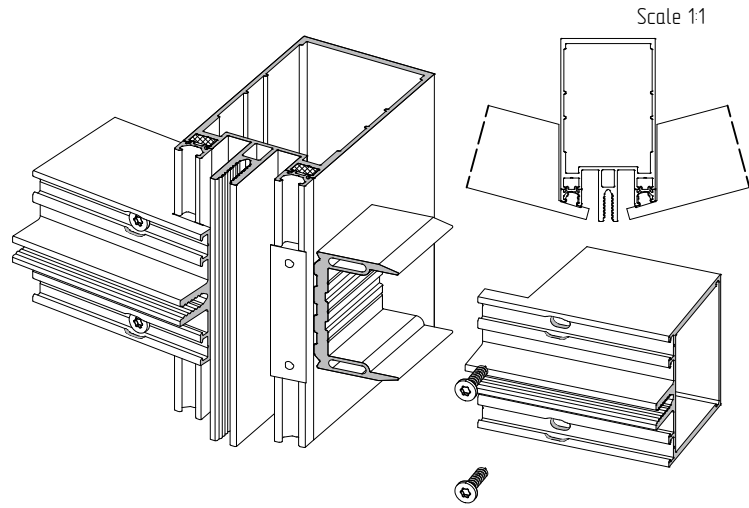
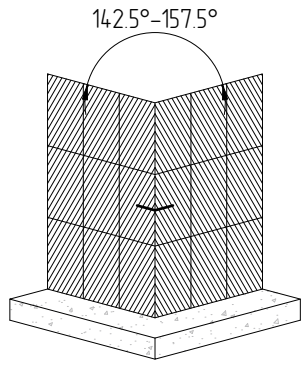


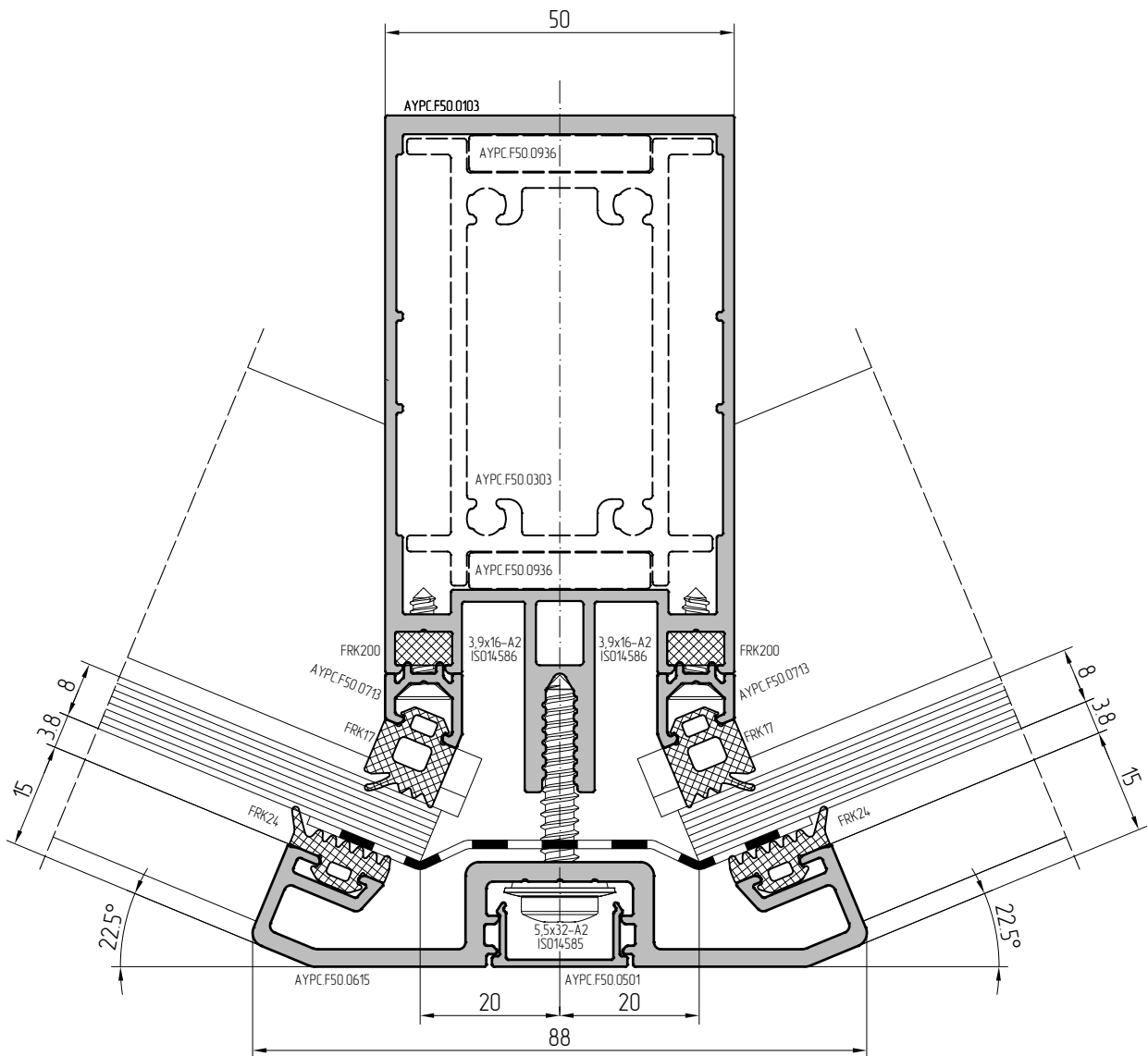
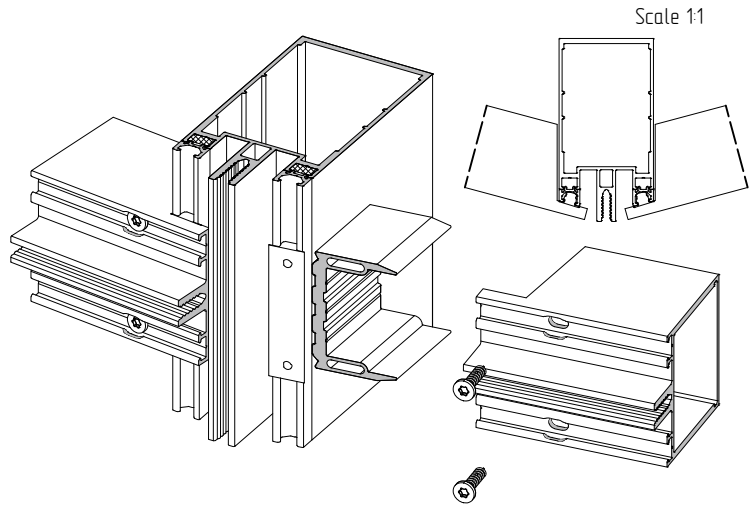
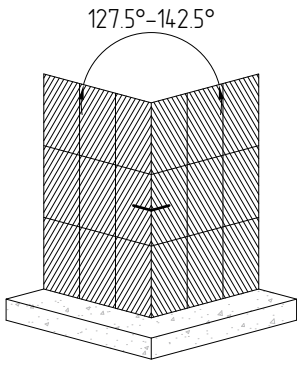


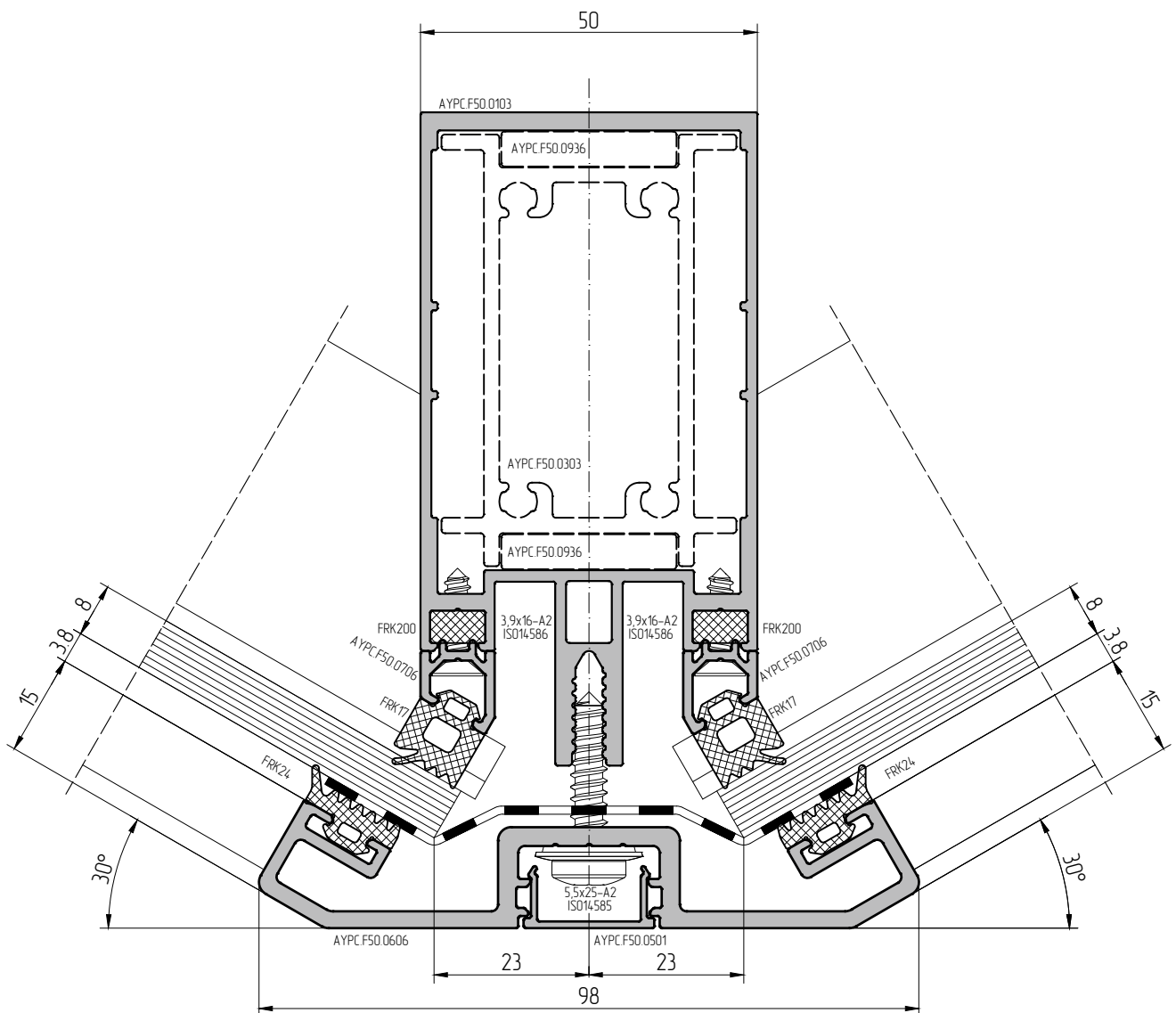
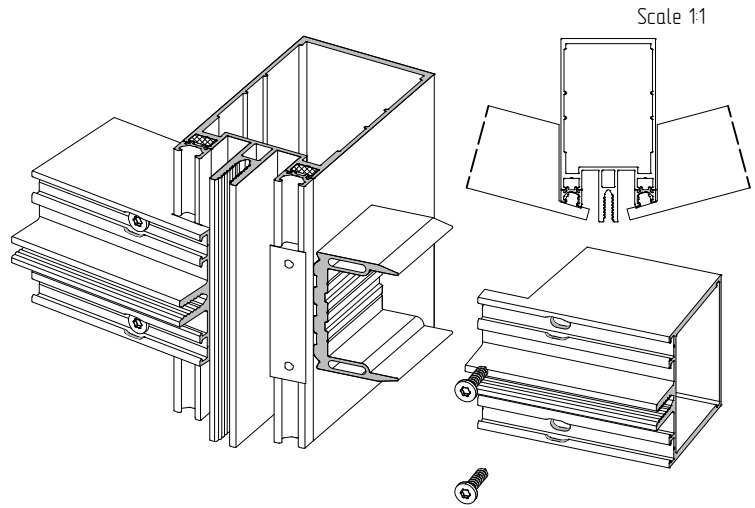
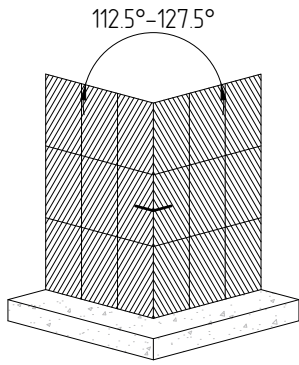


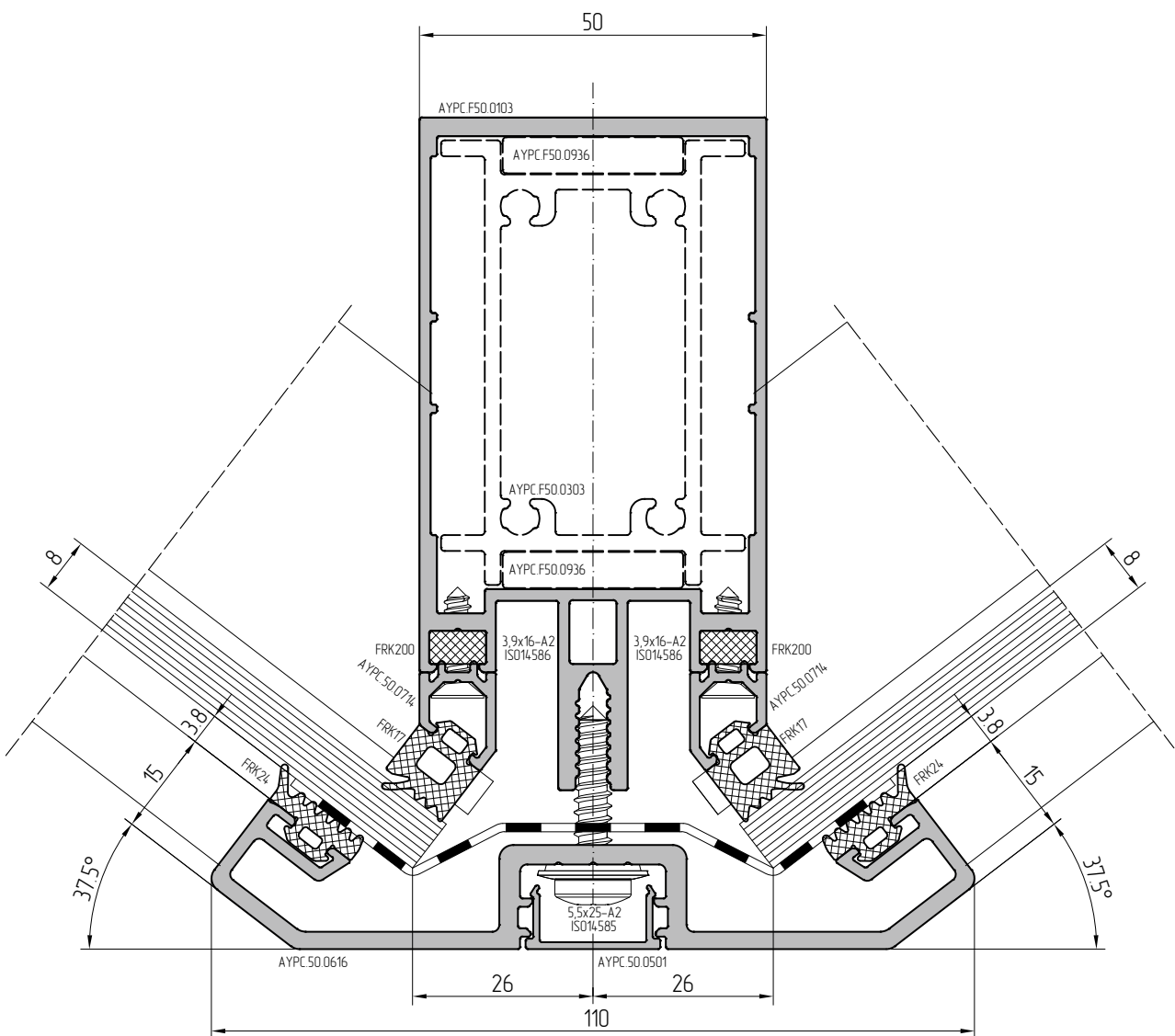
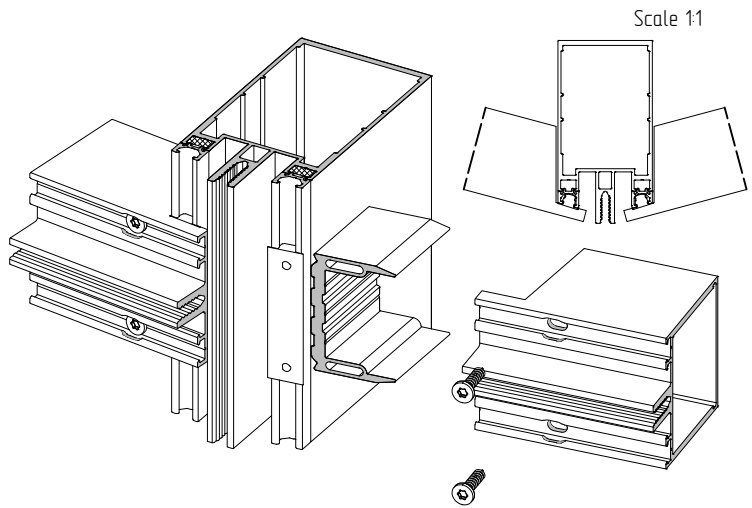
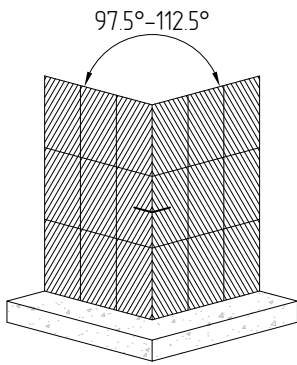


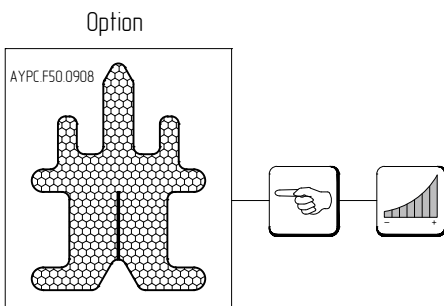
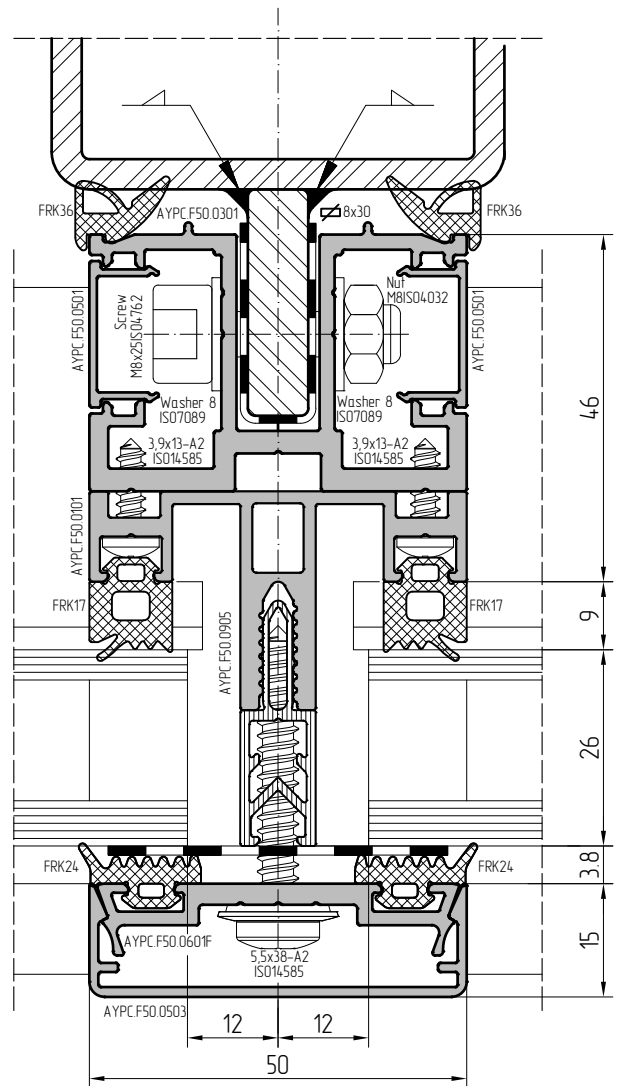
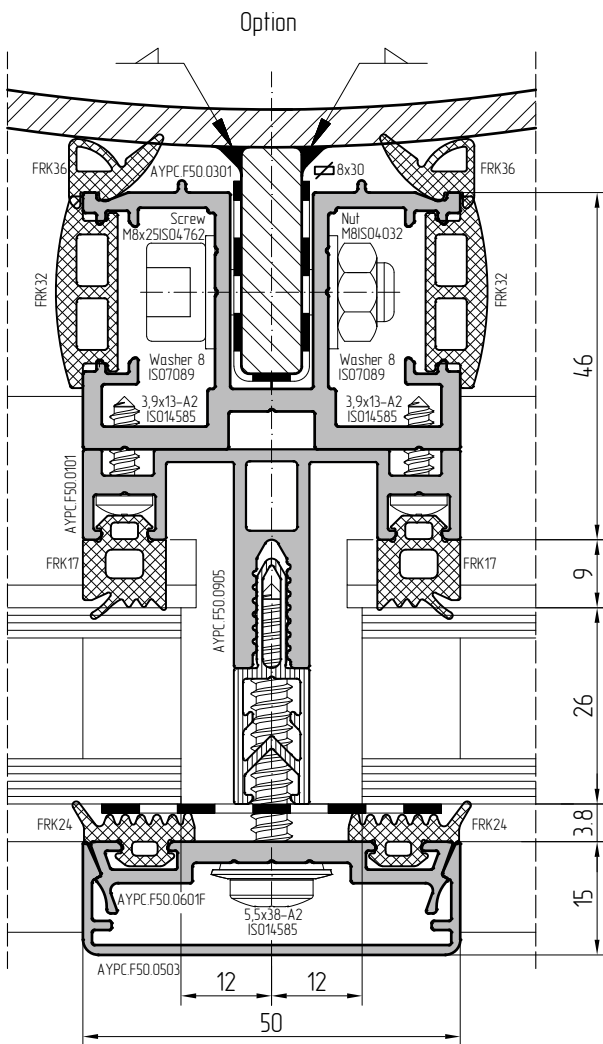
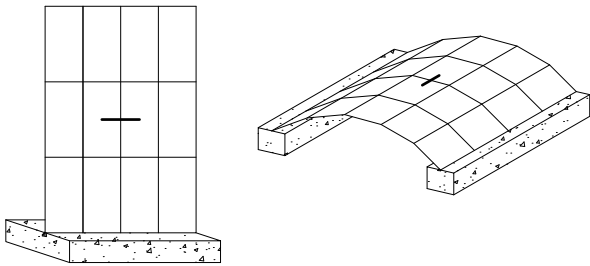


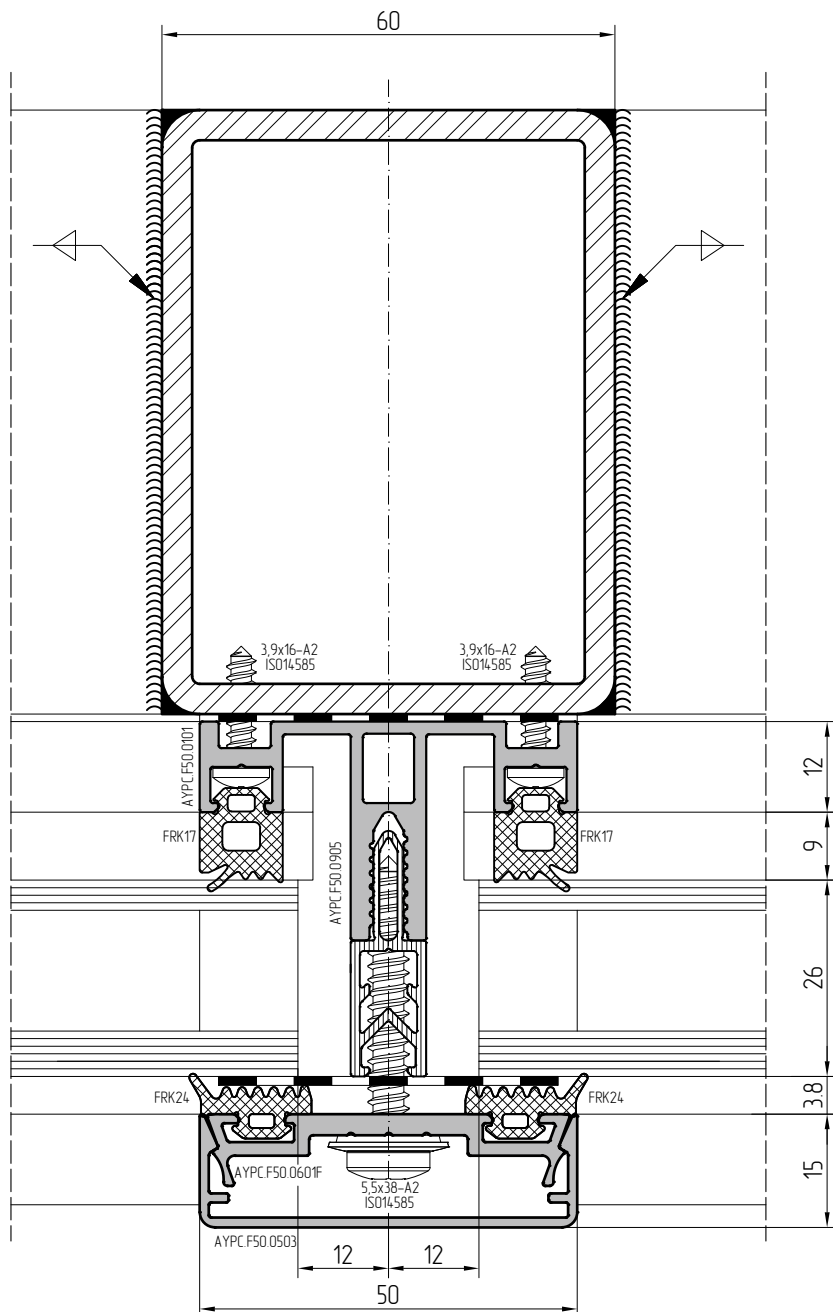
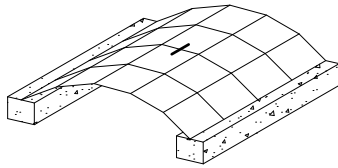
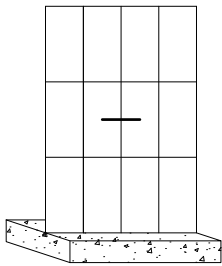




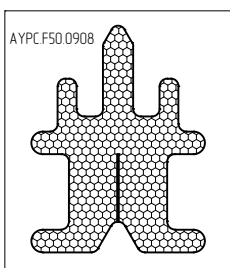


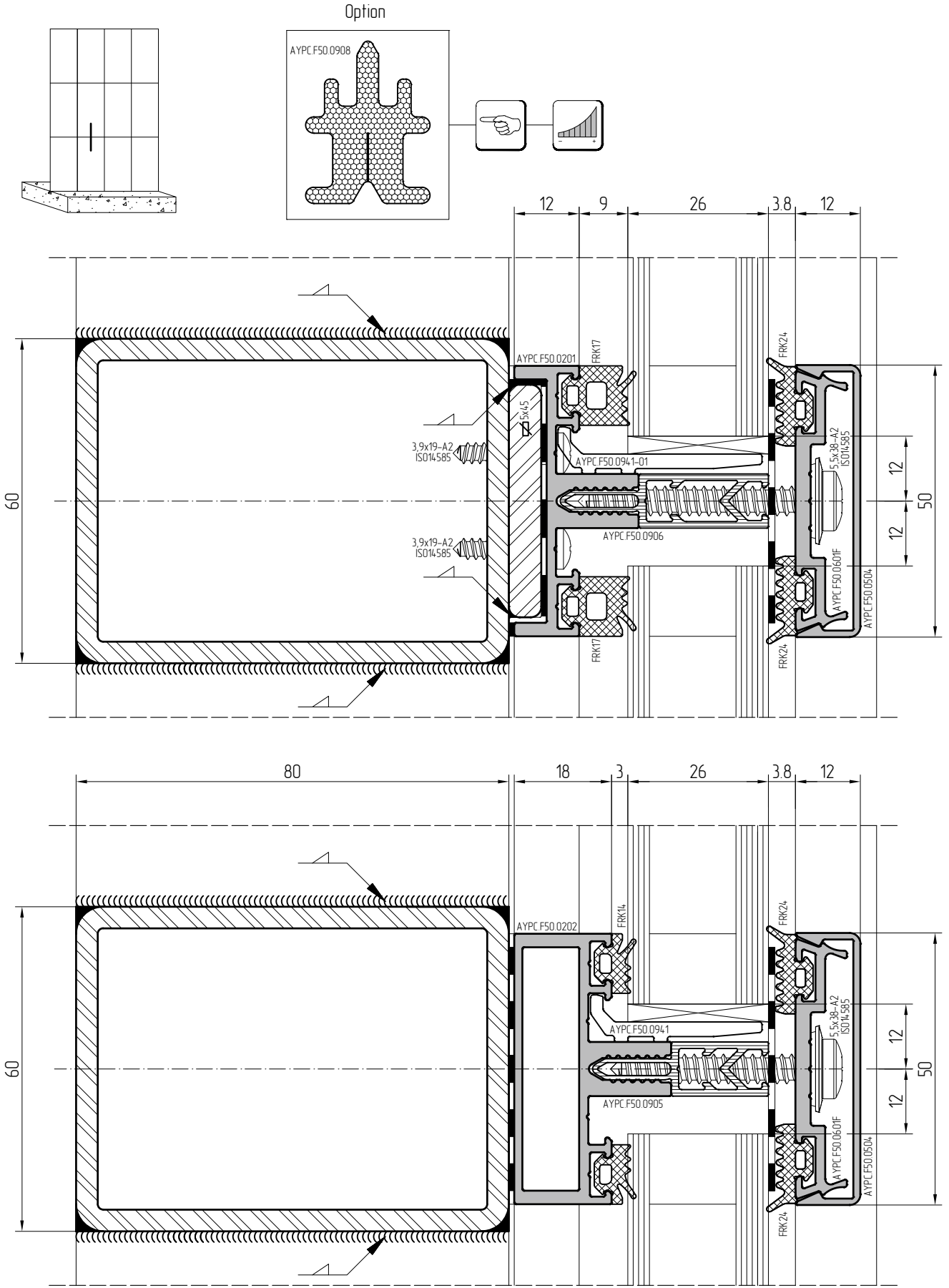


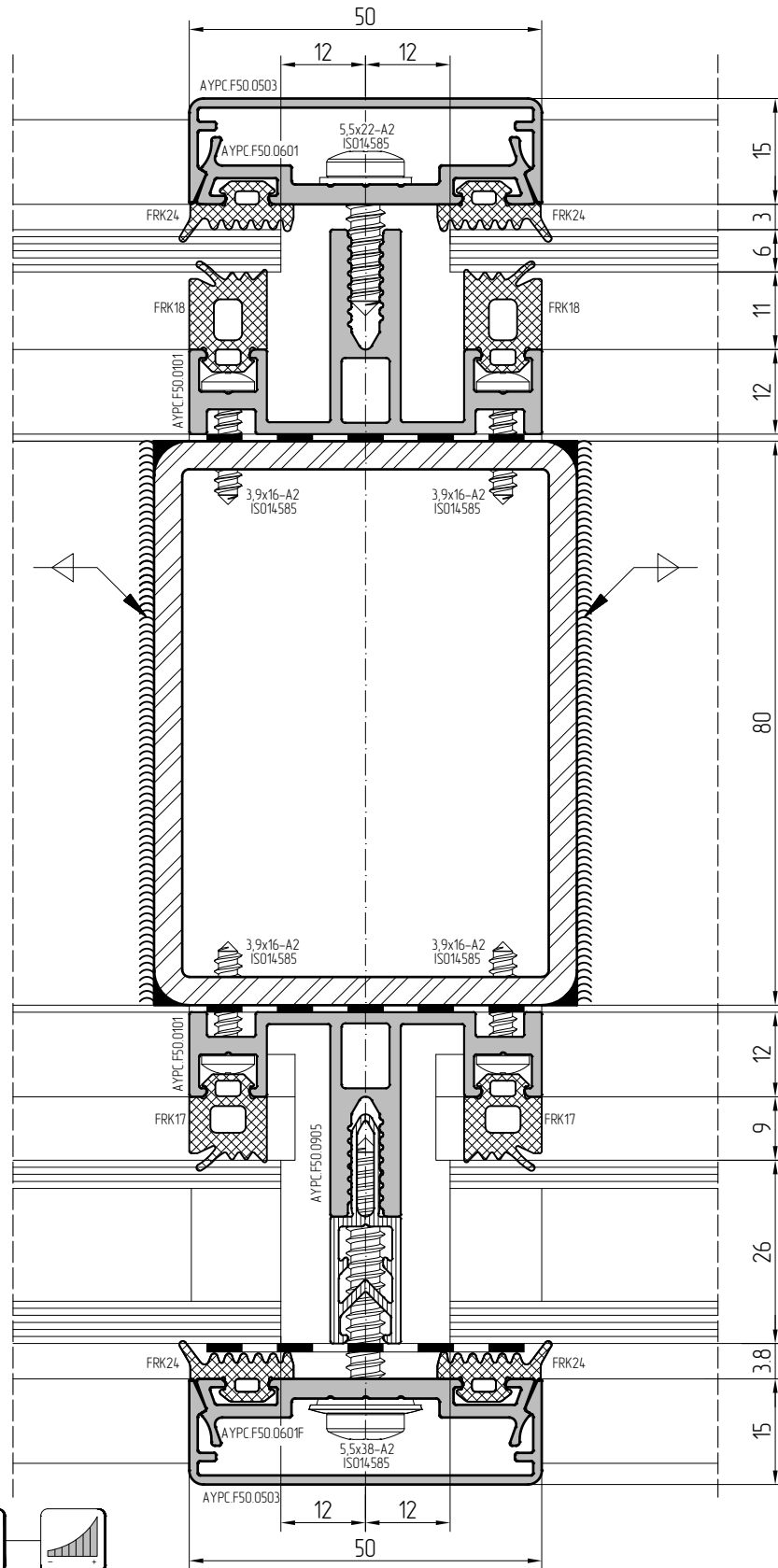
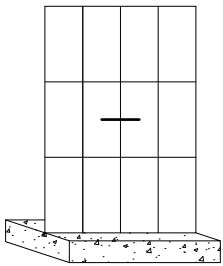




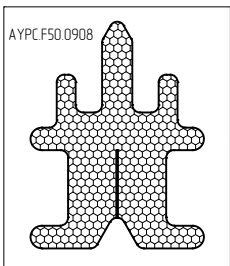
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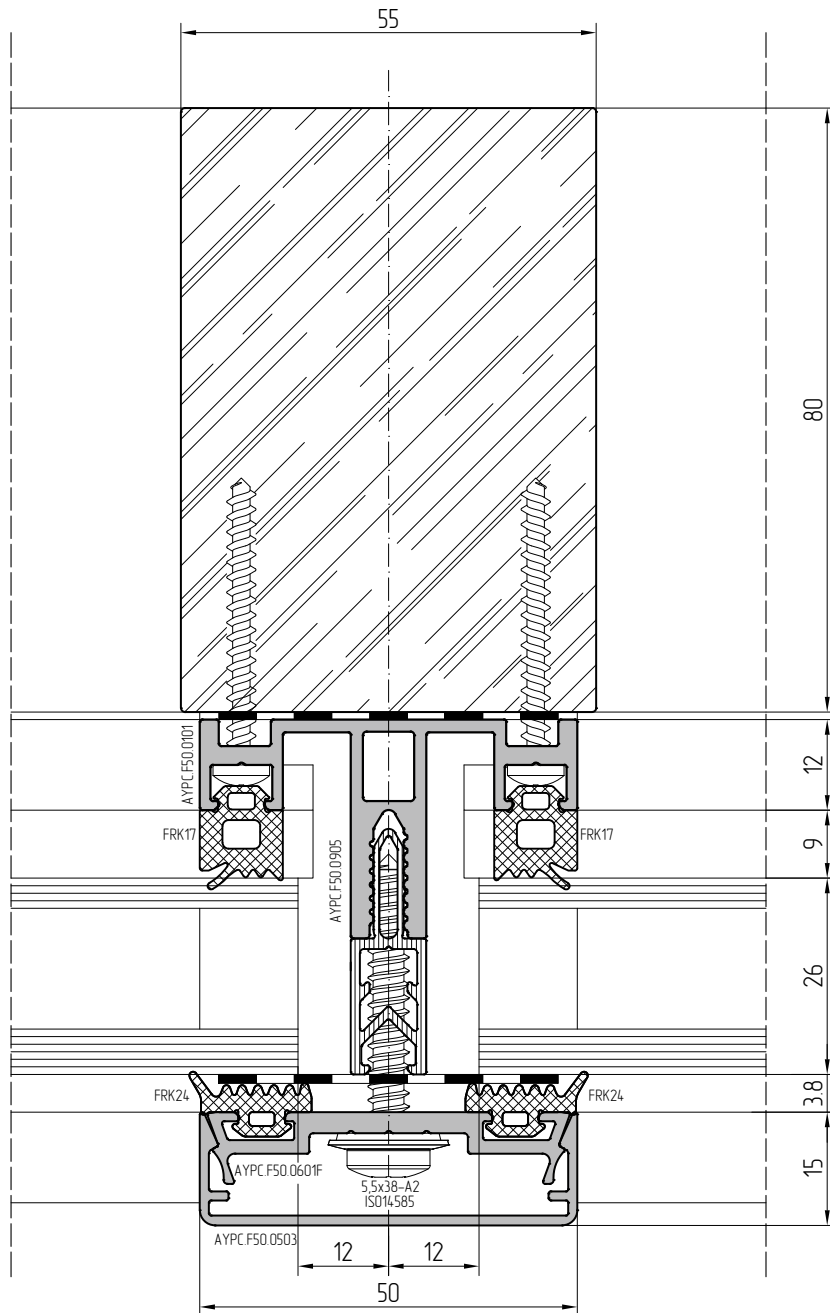
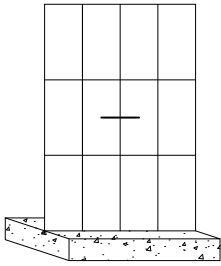




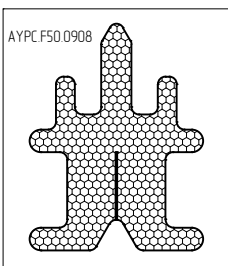


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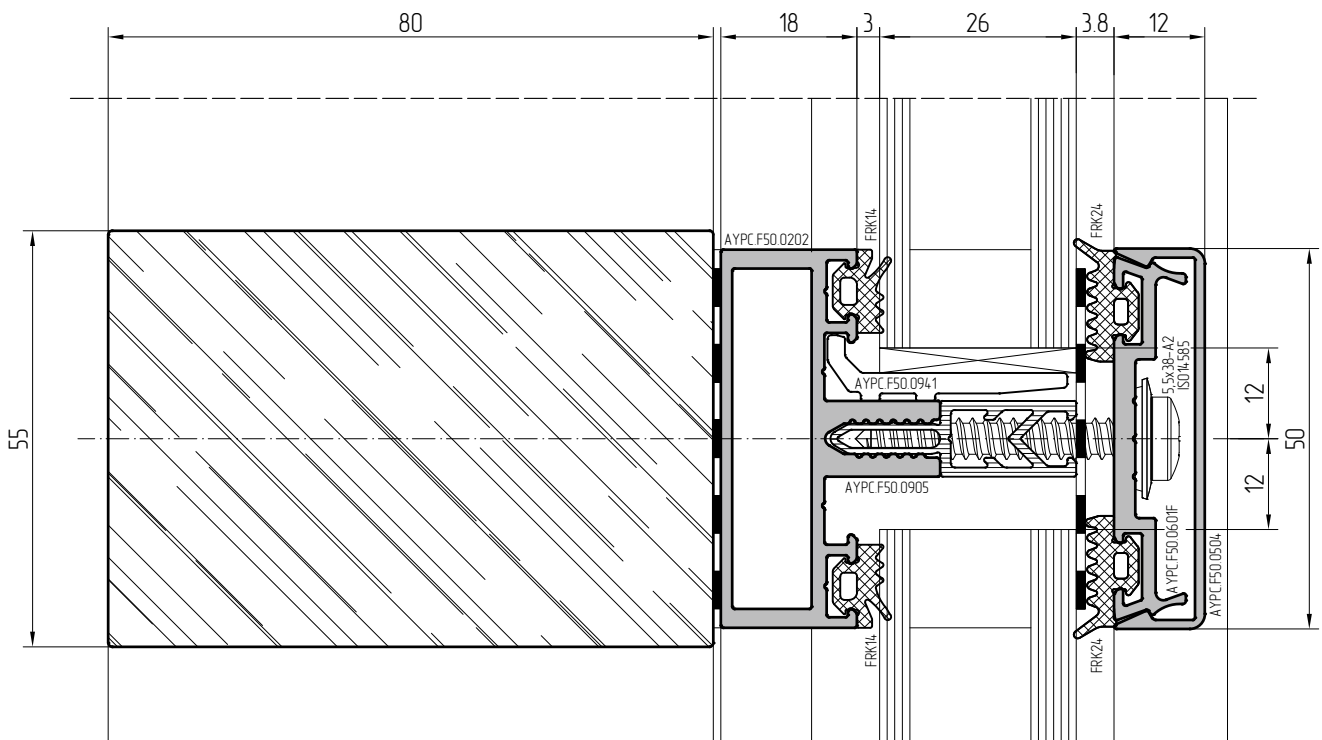
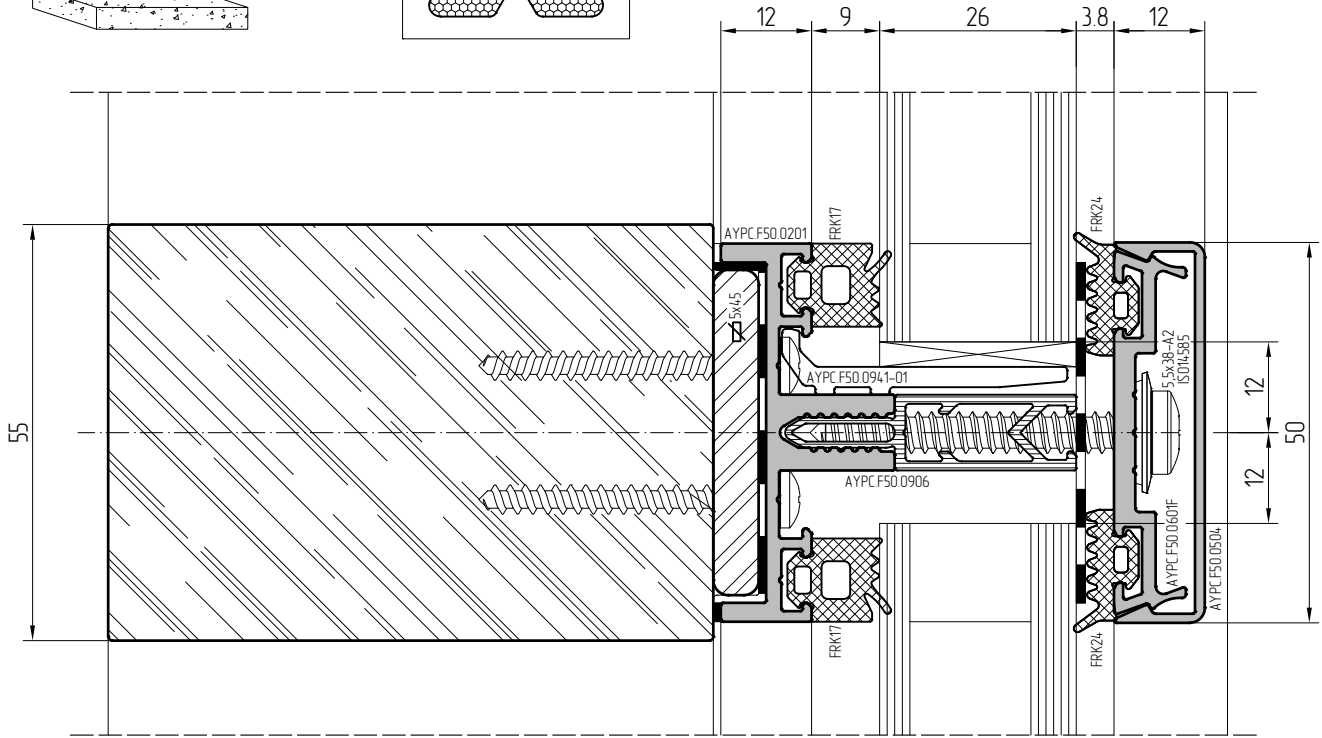
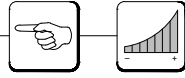
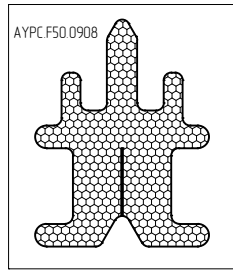
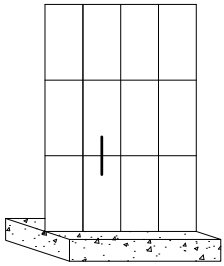


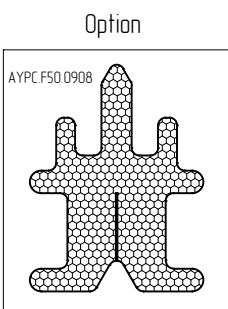
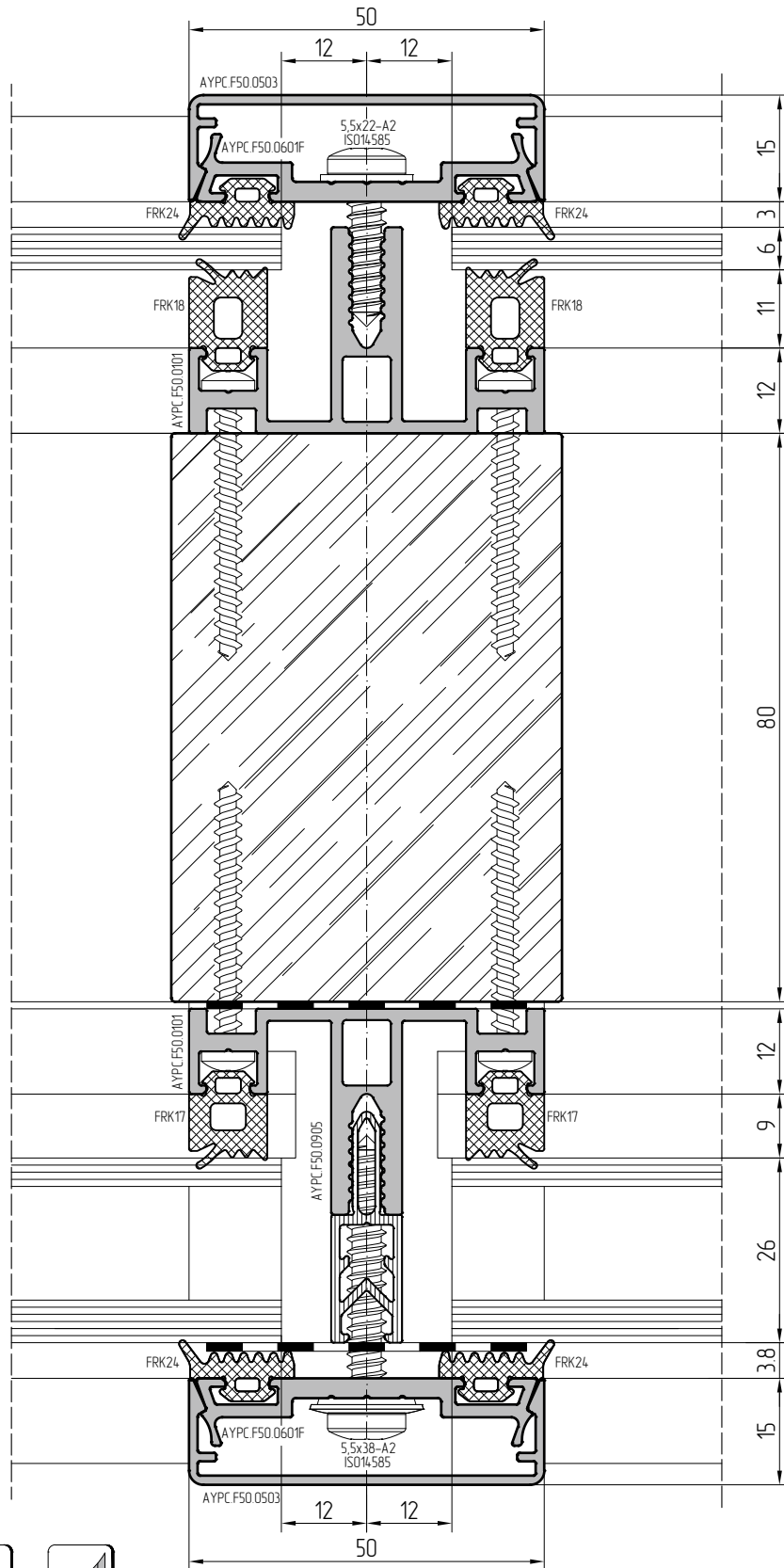
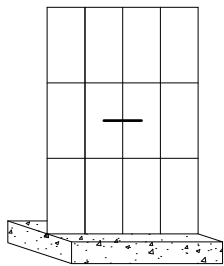


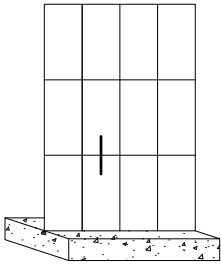
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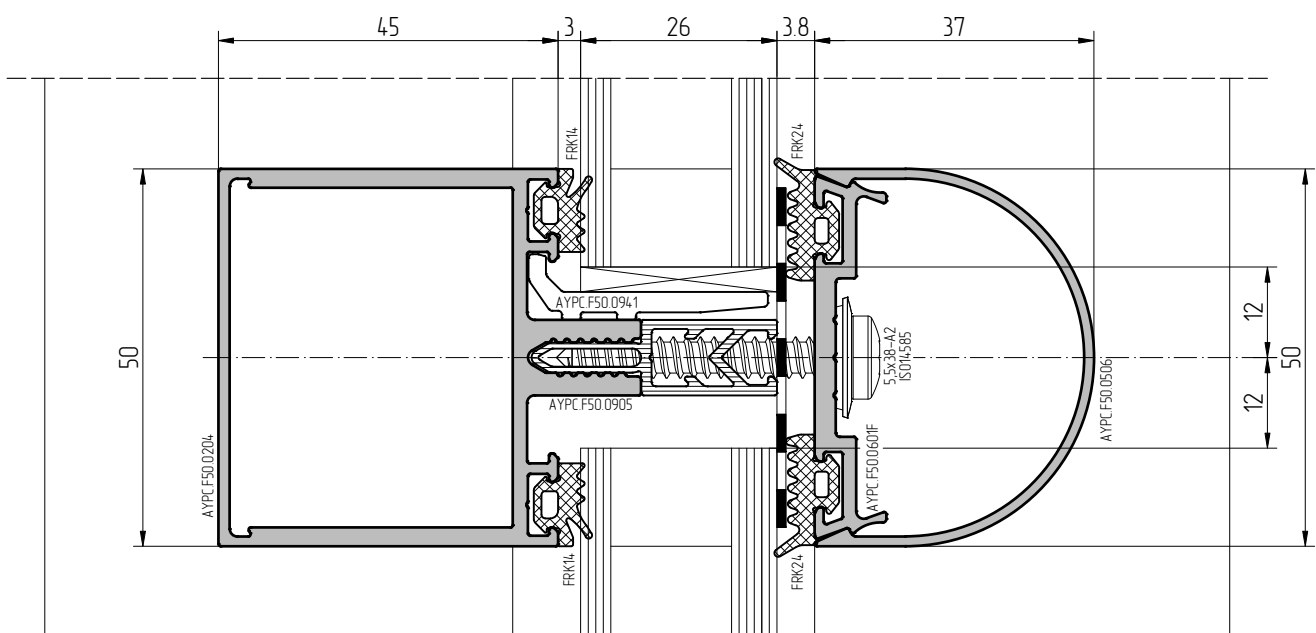
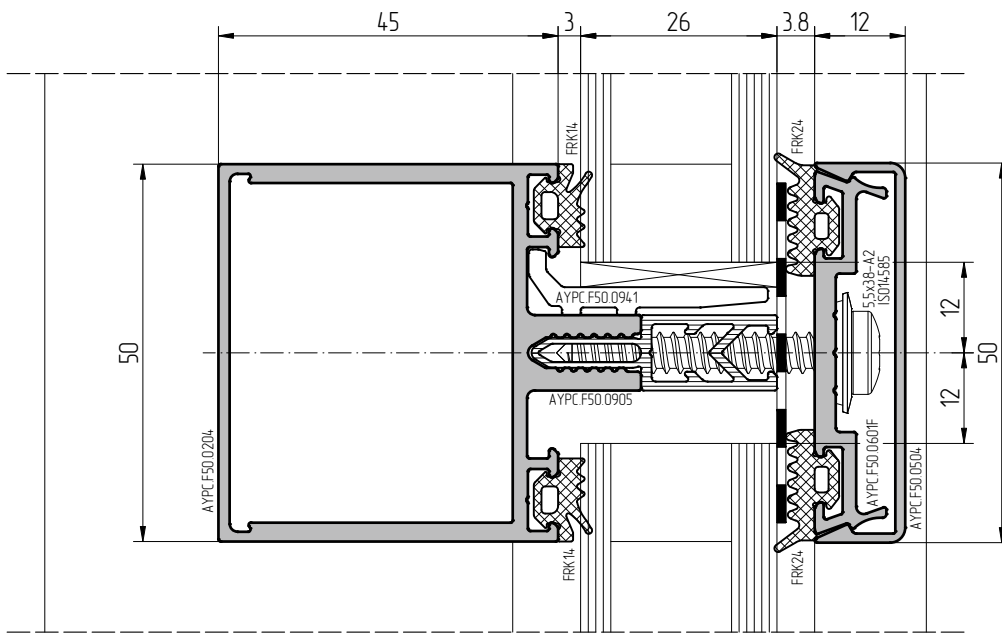
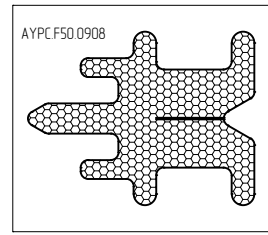
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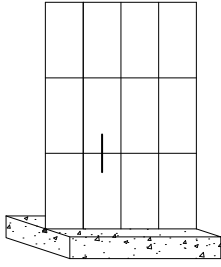




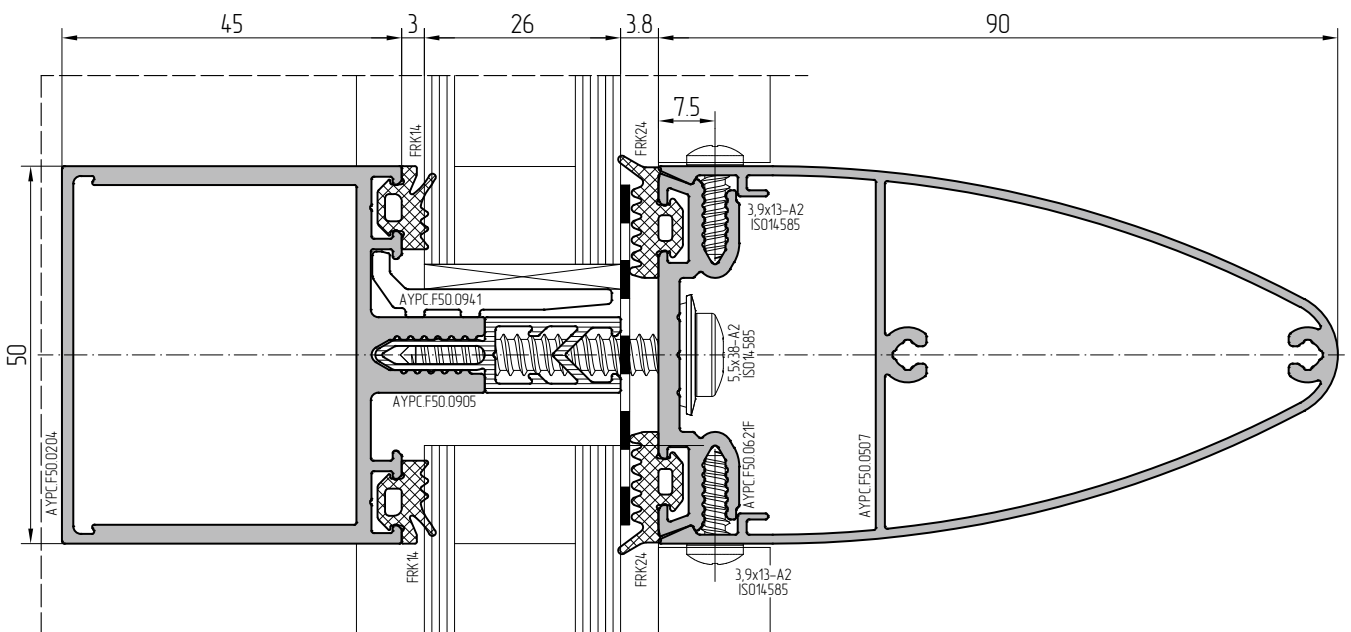
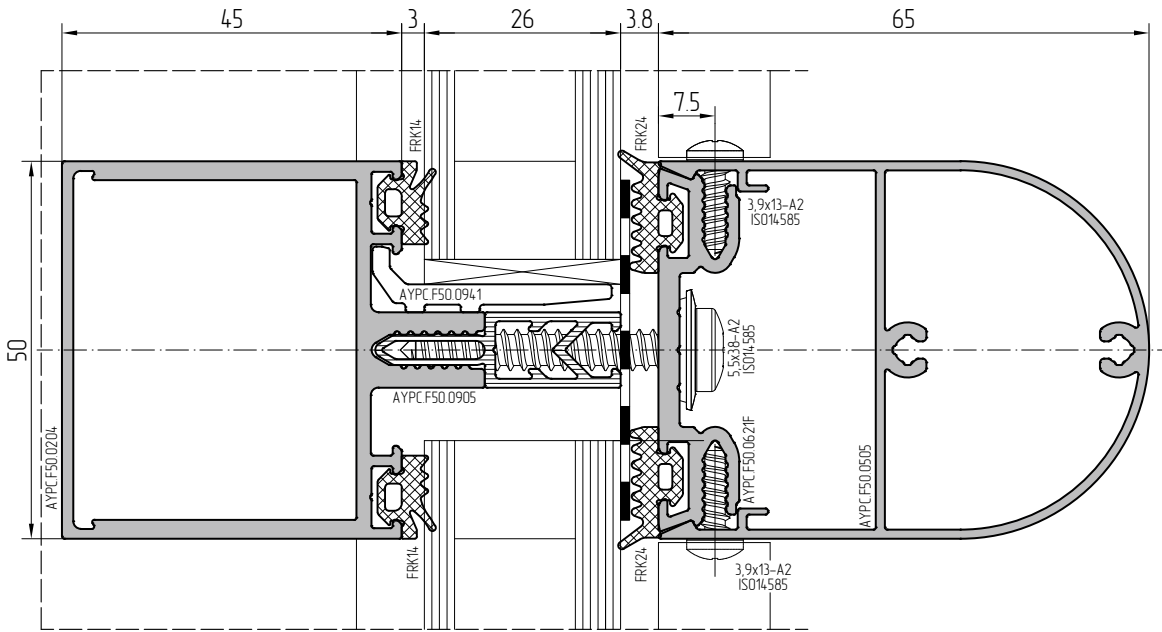
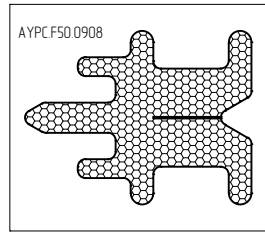


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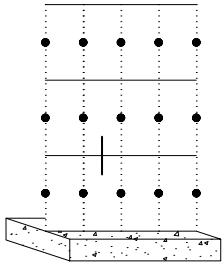


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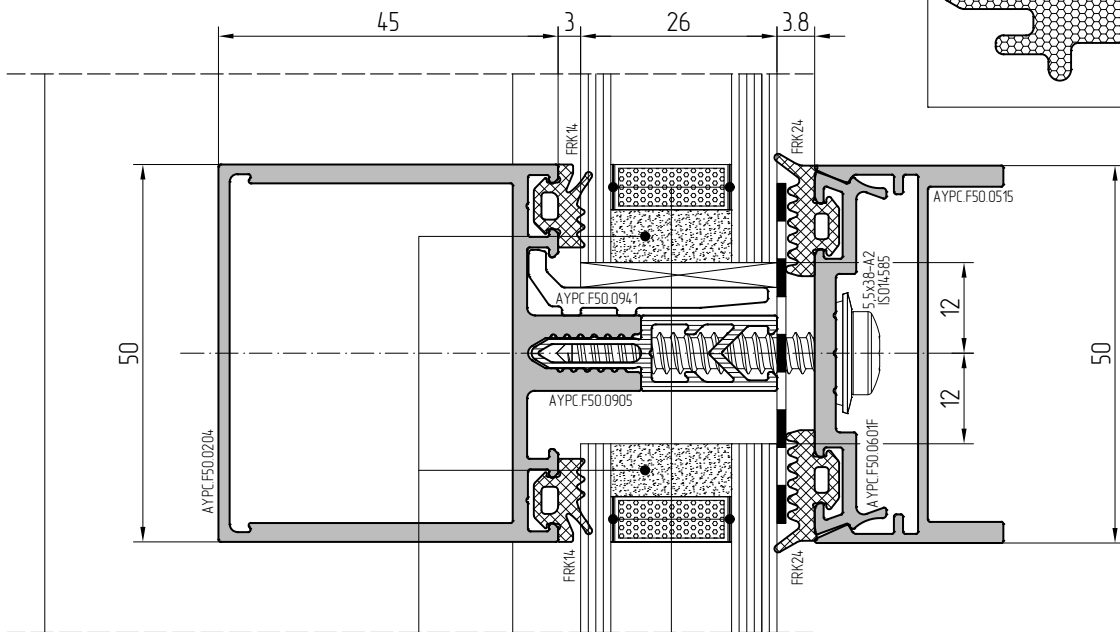
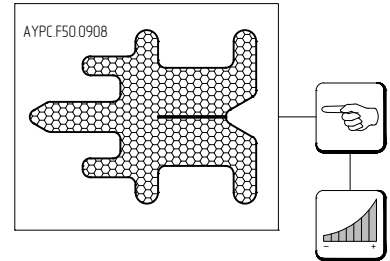


Manufacturer	Primary sealant	Secondary sealant	Weatherproof sealant
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD	DC 791
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM	Sicasil WS-305 Sicasil WS-605 S
General Electric	Polyisobutylene	IGS3763 IGS3703E	SCS2000E Silpruf SCS9100 Silpruf F
KÖMMERLING	Polyisobutylene	GD 920	GD 826 N

Scale 1:1

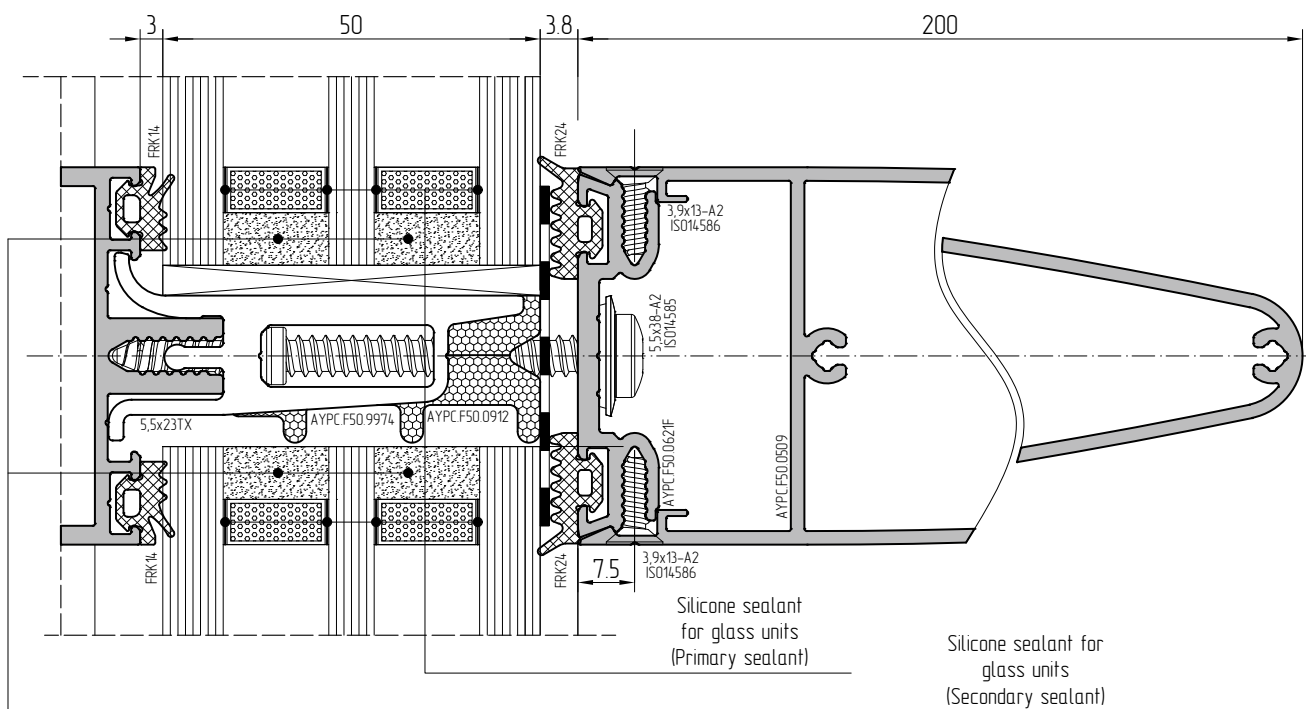


Option



Silicone sealant for glass units
(Secondary sealant)

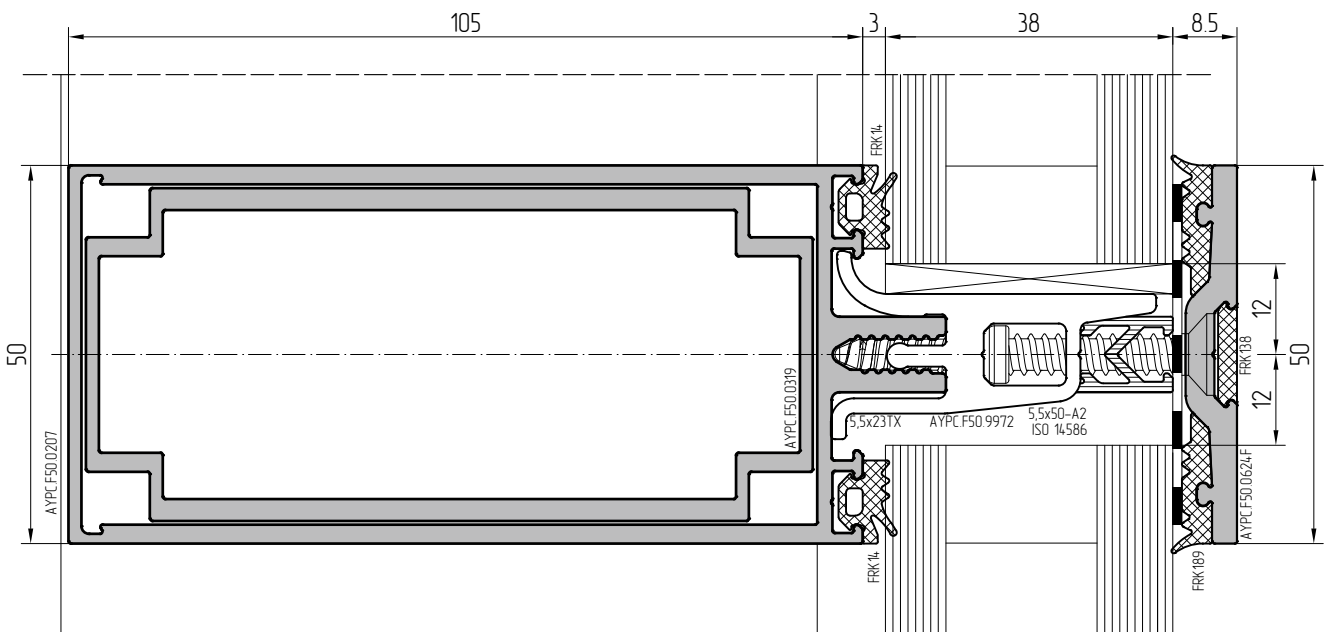
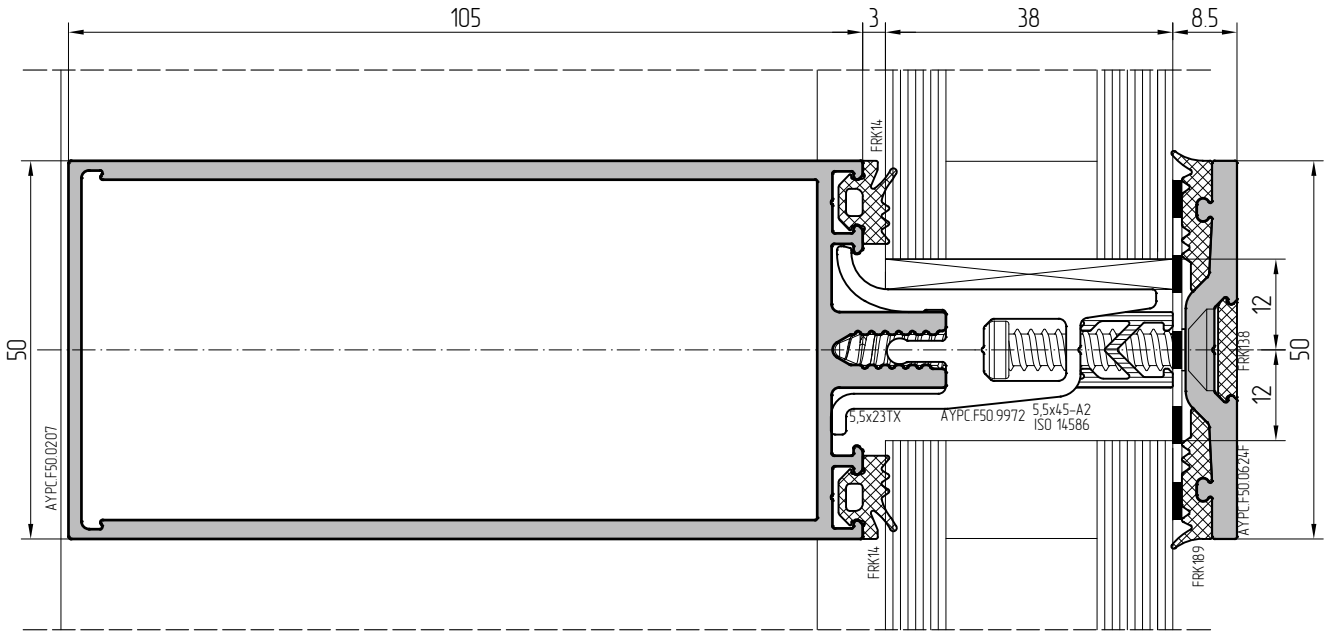
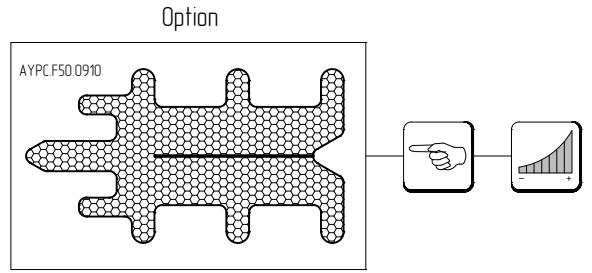
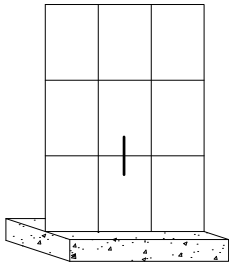
Silicone sealant for glass units
(Primary sealant)

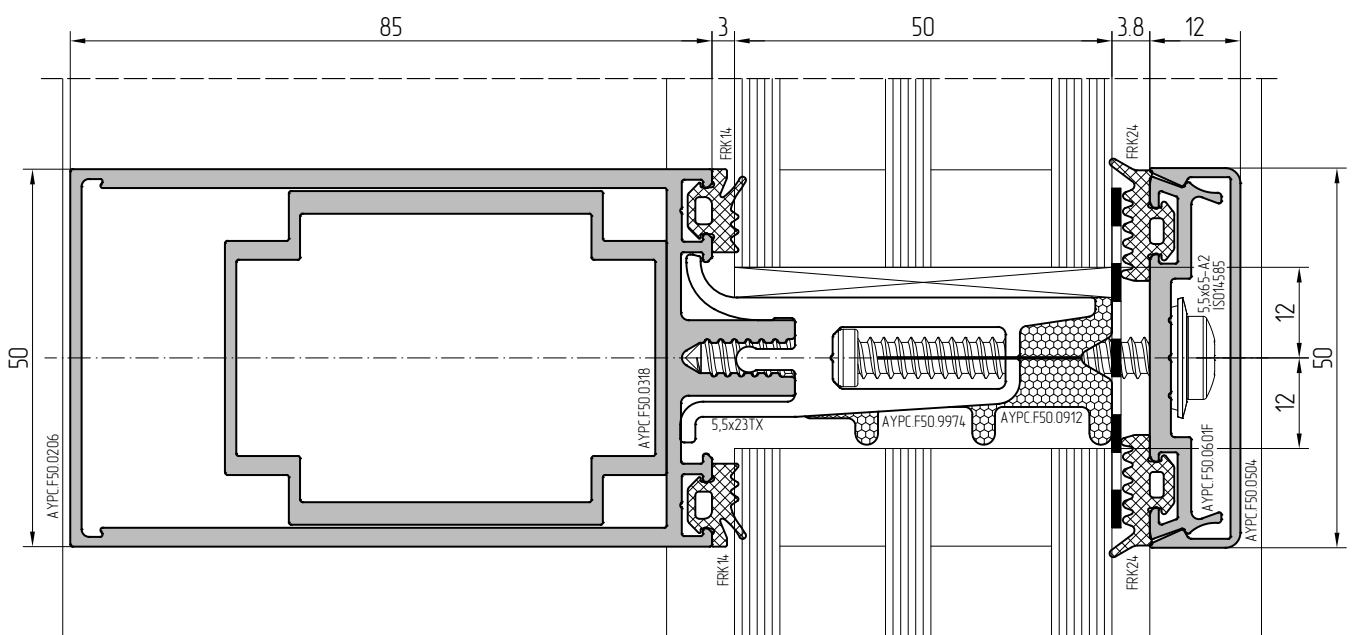
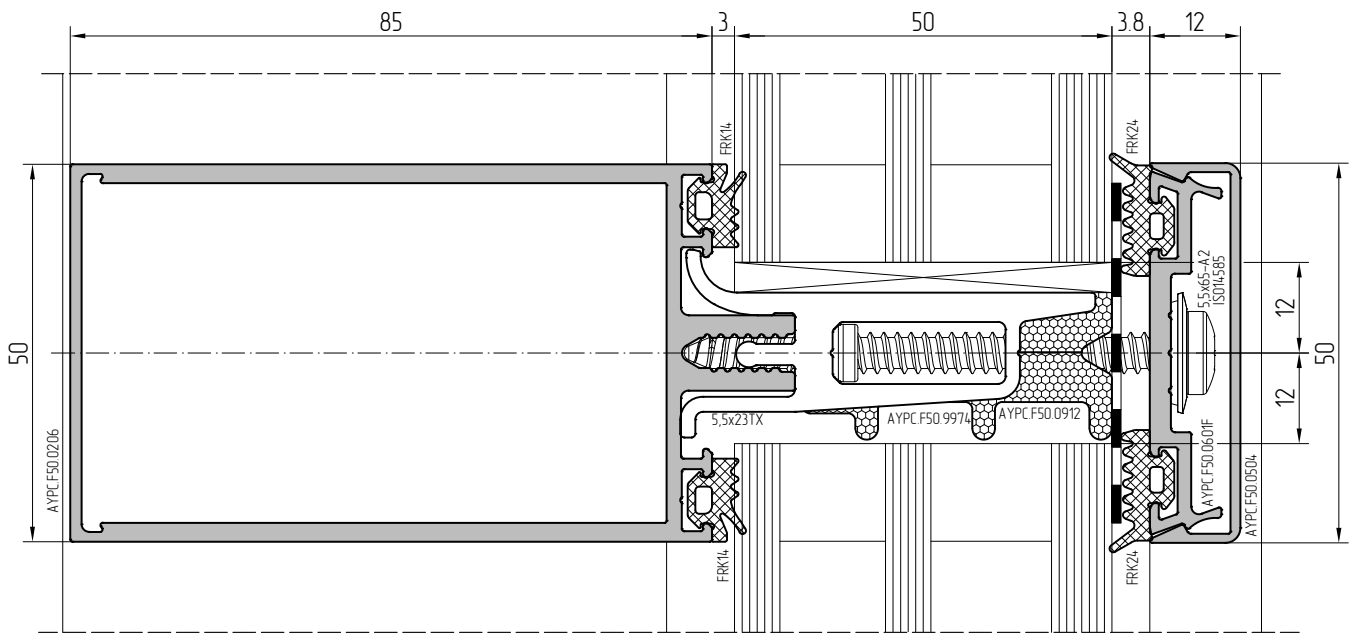
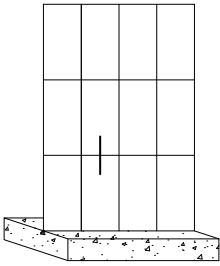


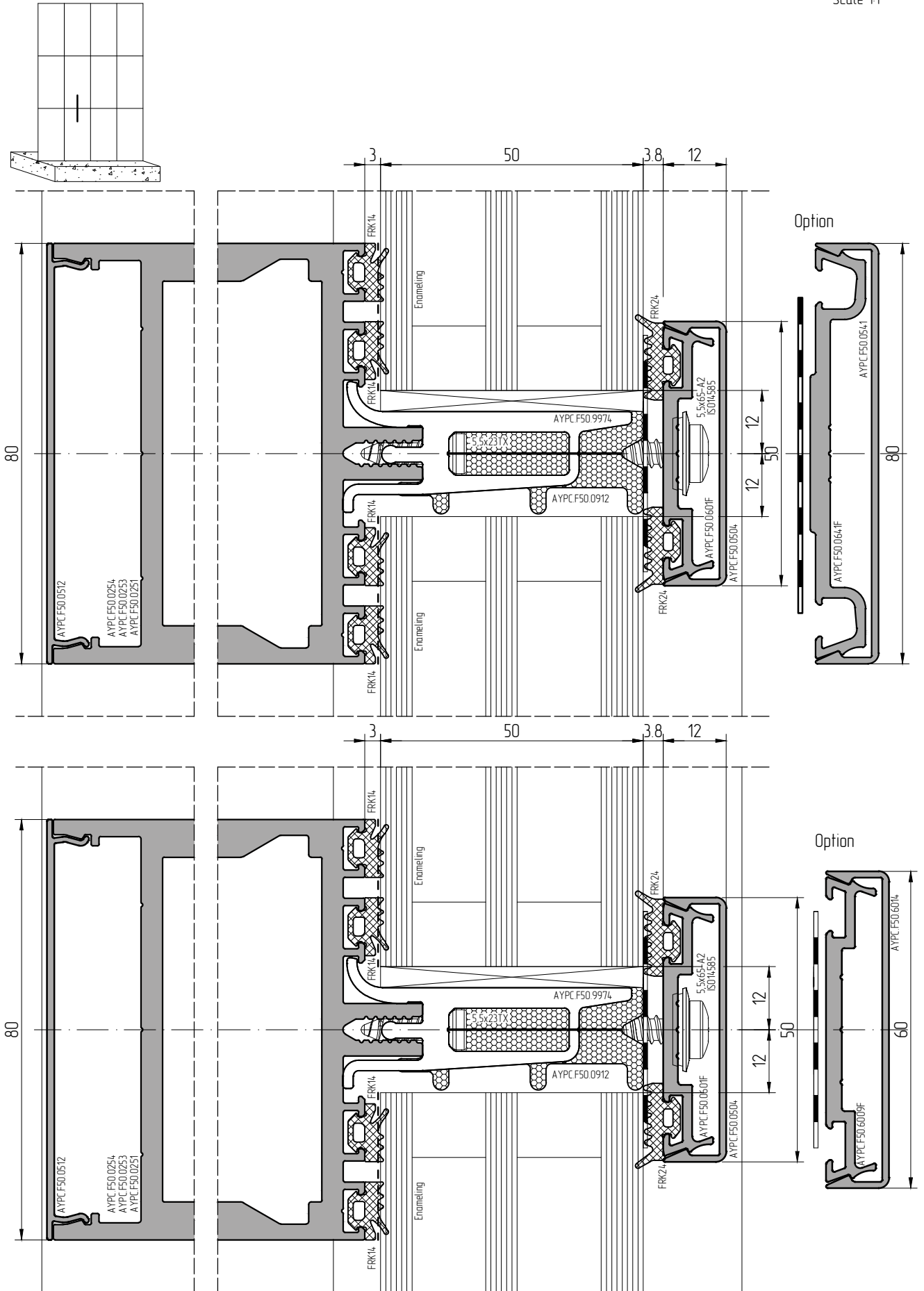
Silicone sealant for glass units
(Primary sealant)

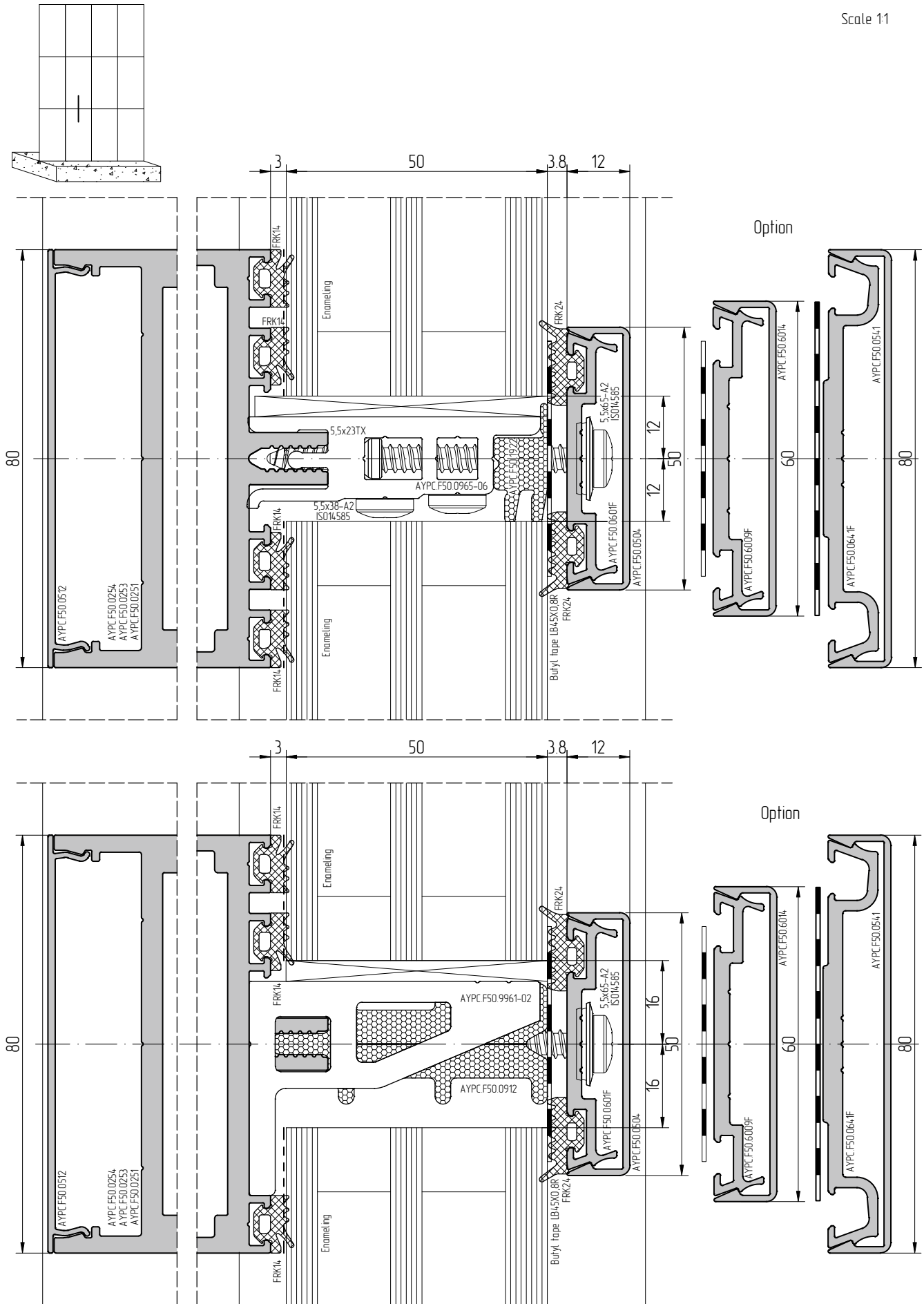
Silicone sealant for glass units
(Secondary sealant)

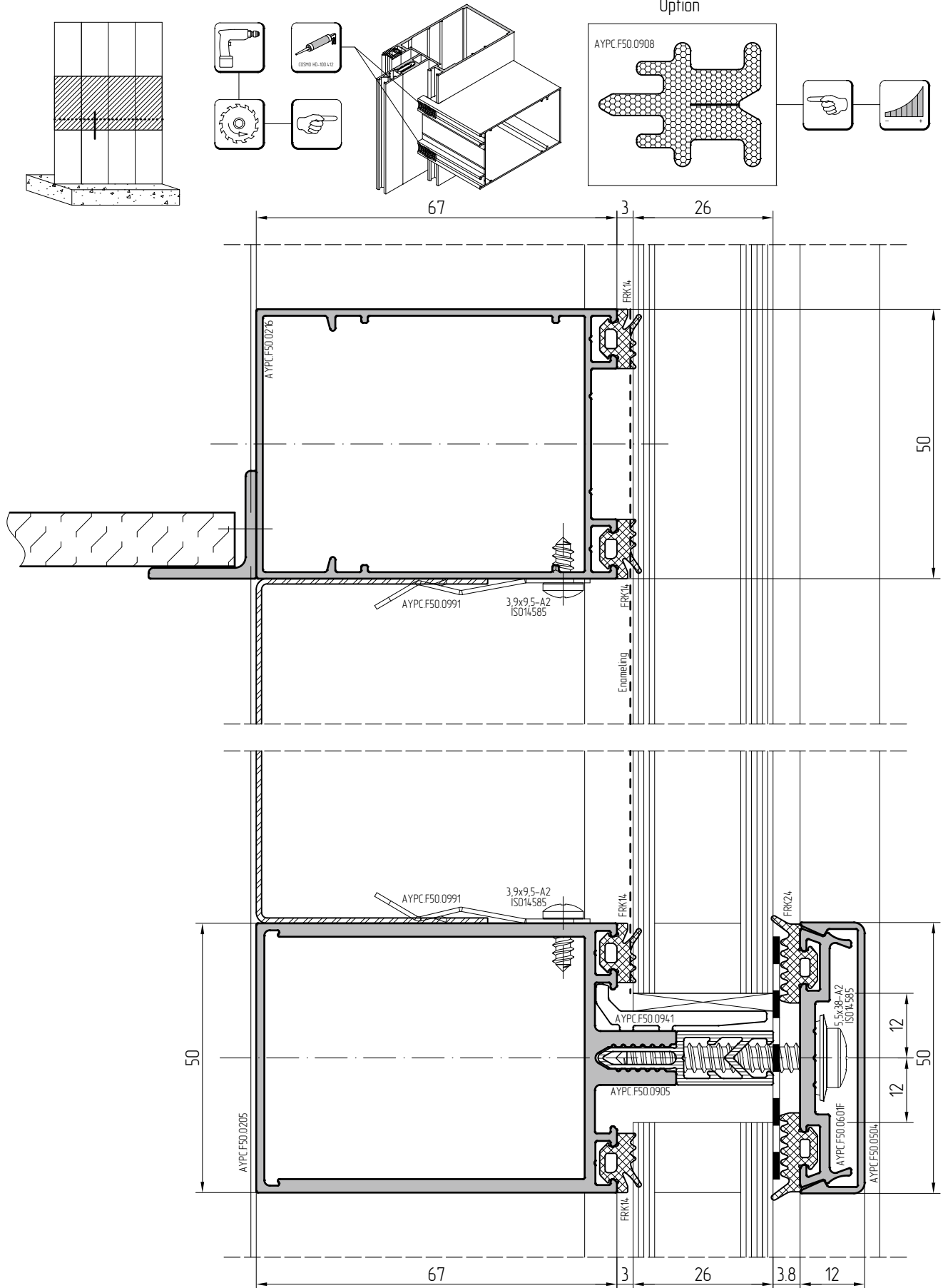
Scale 1:1



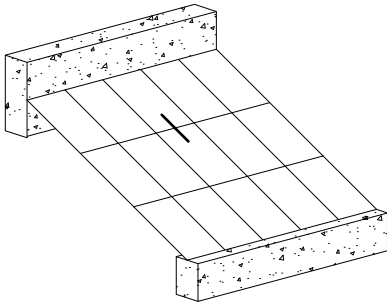




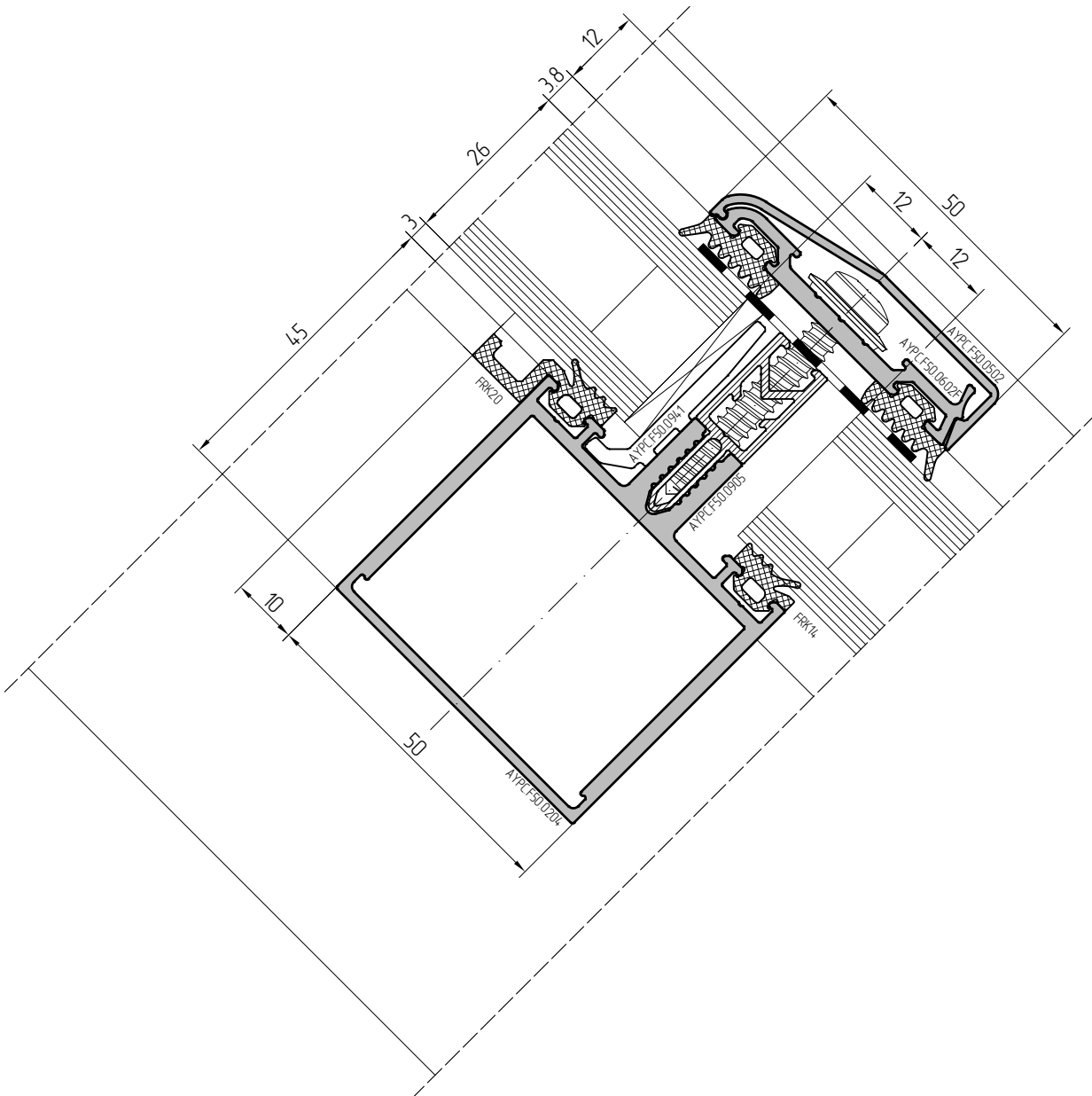
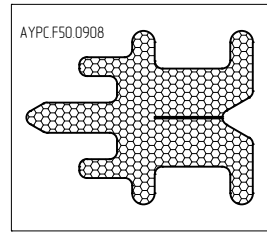




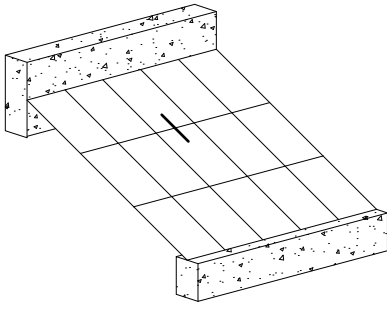
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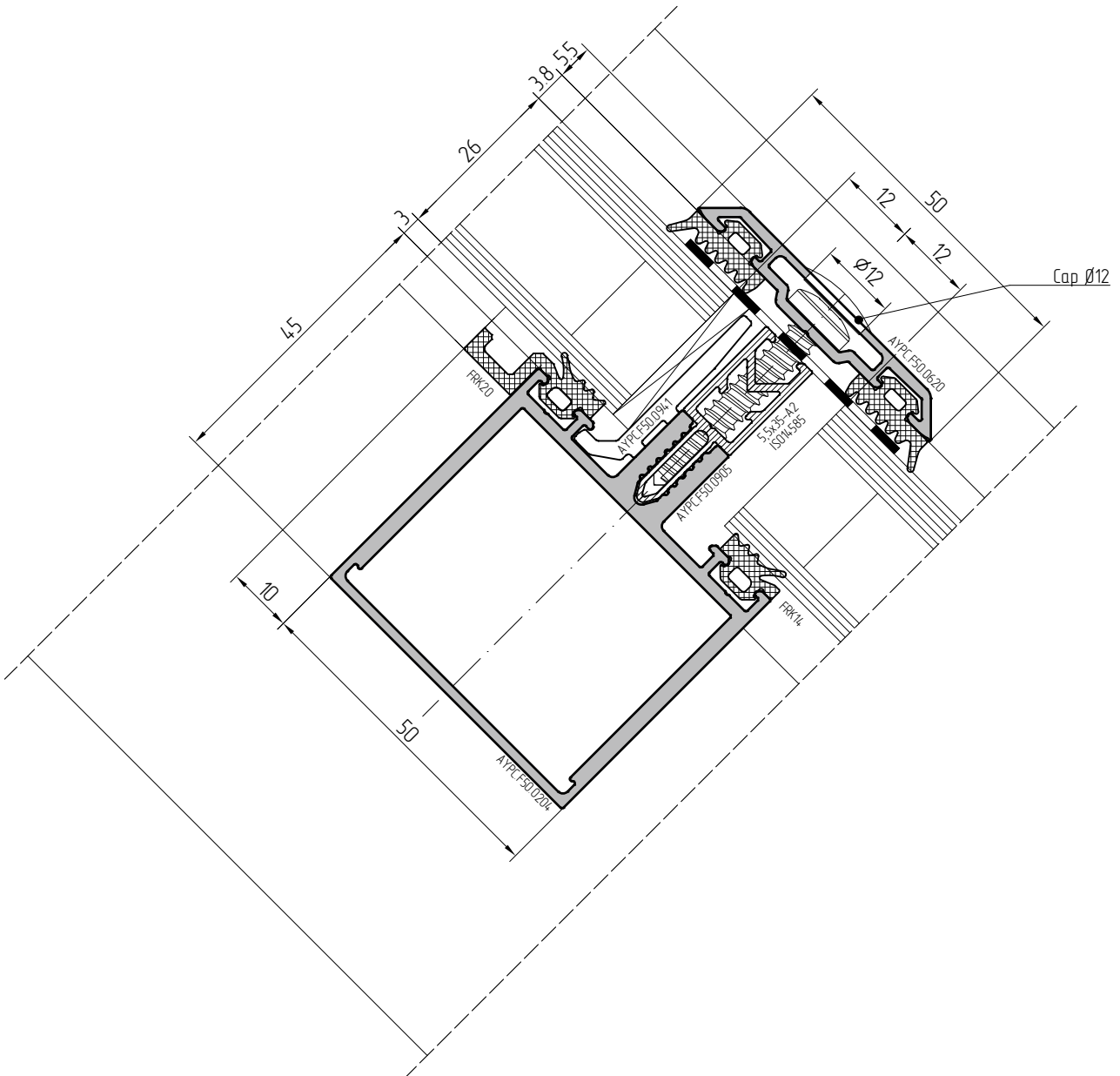
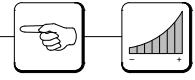
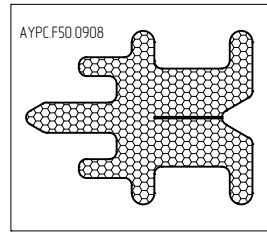
Option



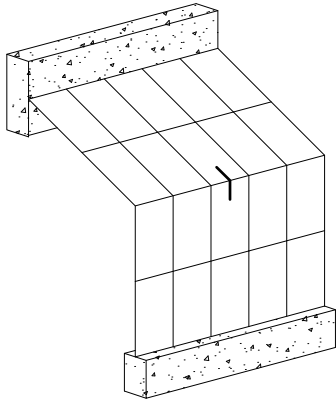
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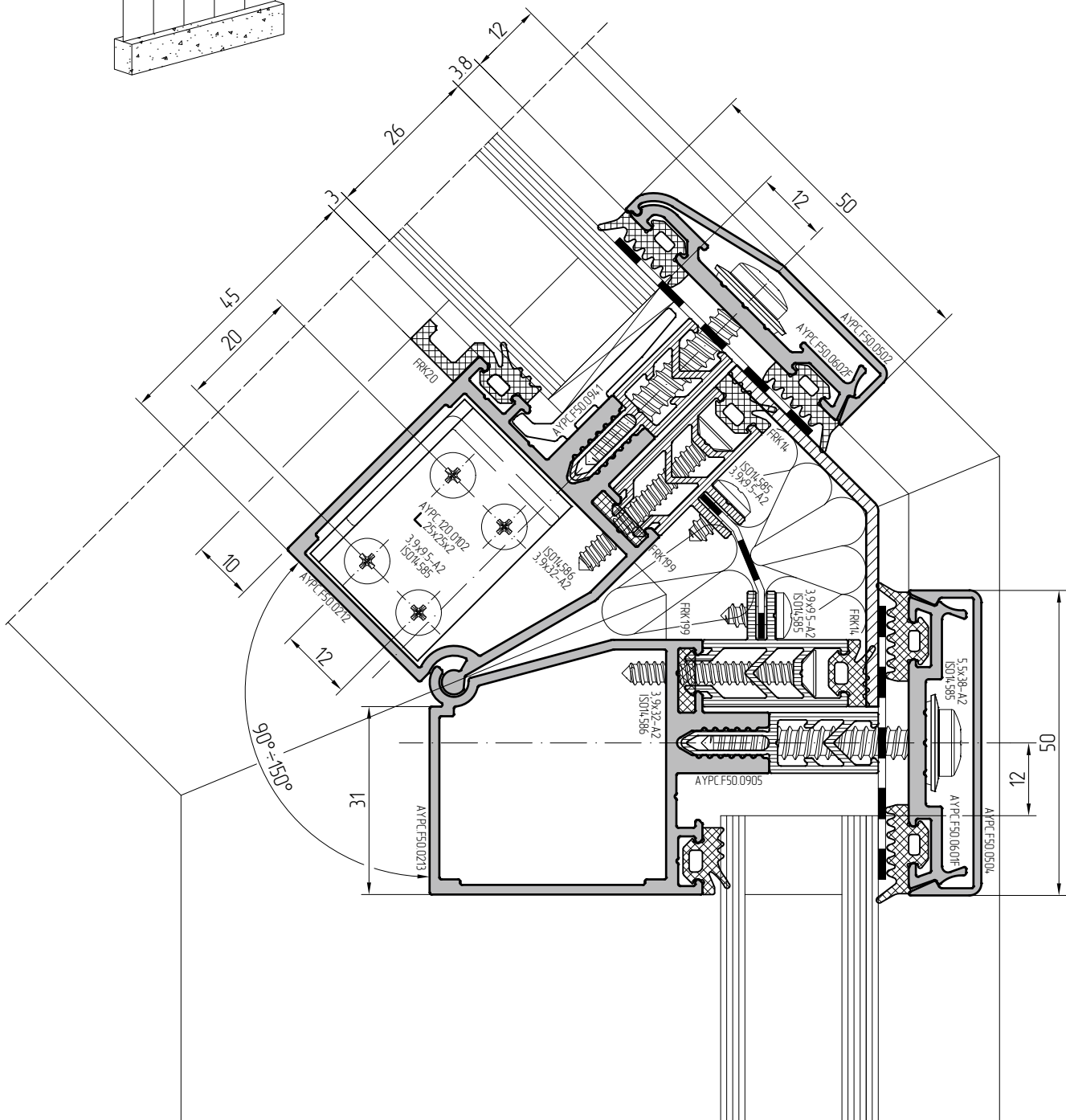
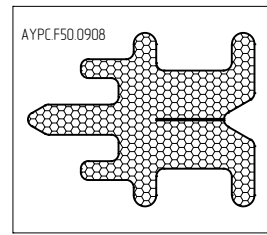
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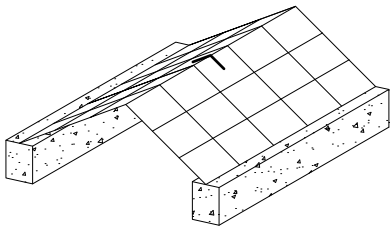
Scale 1:1



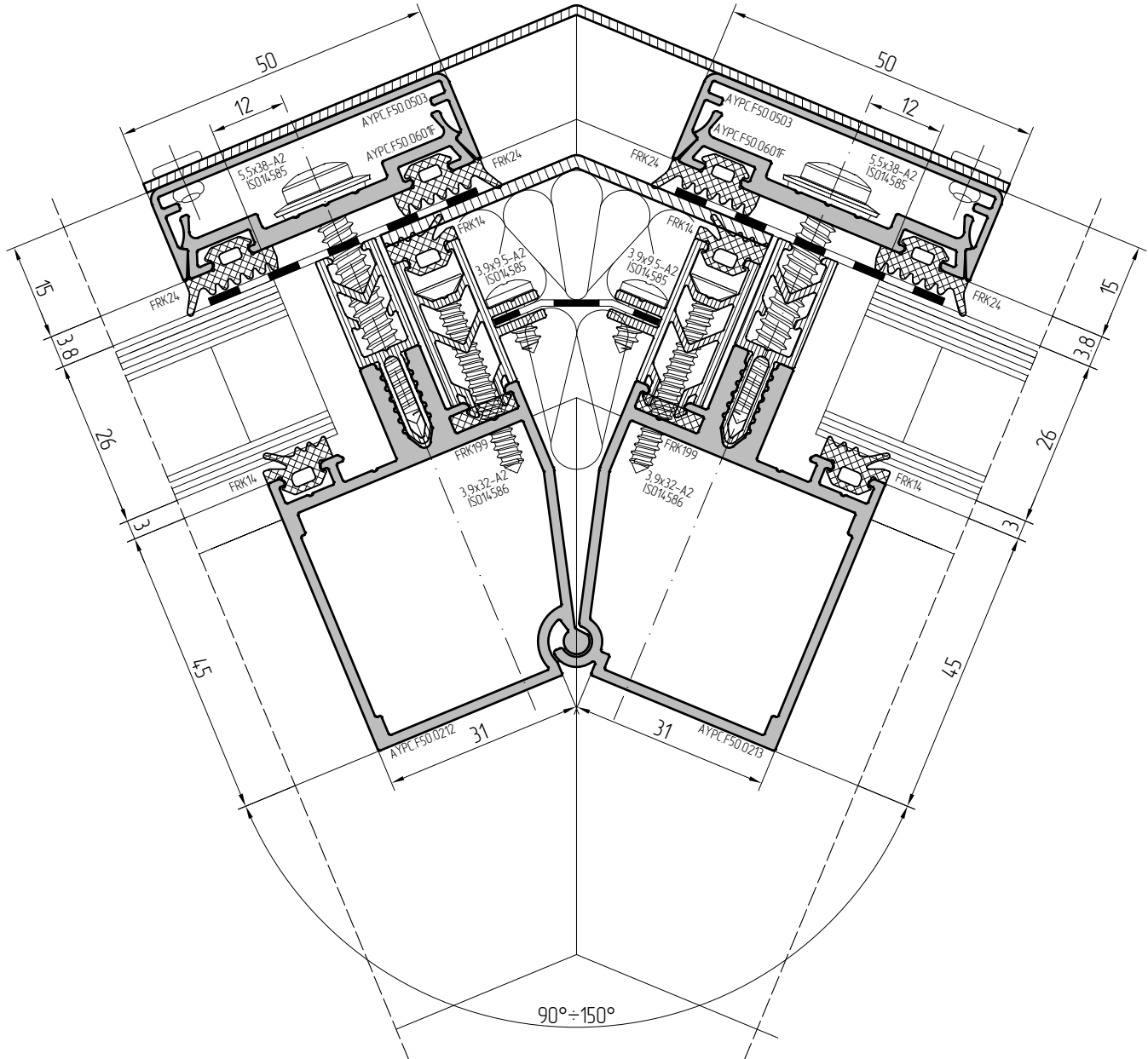
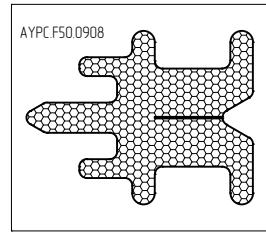
Option

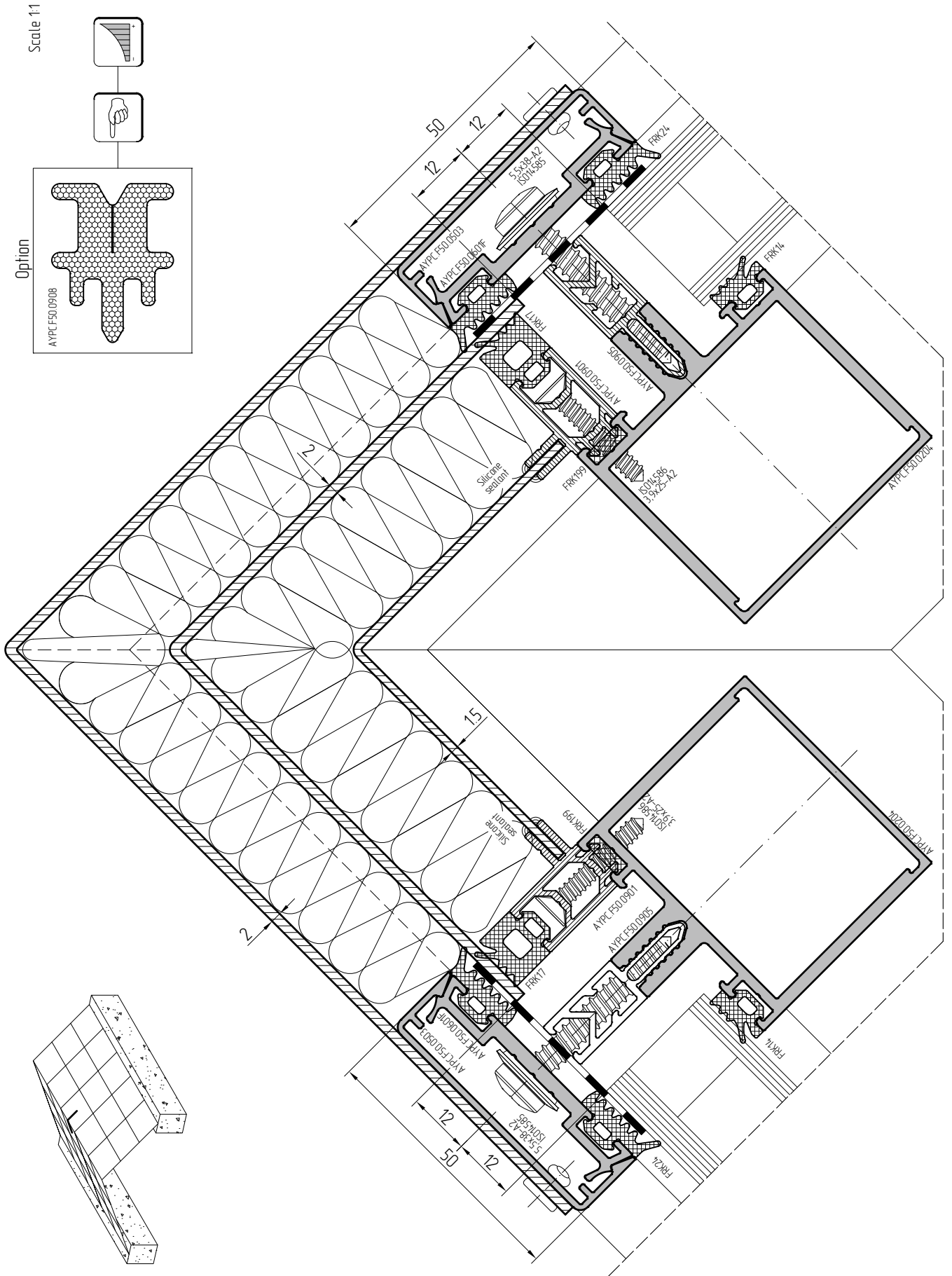


Scale 1:1



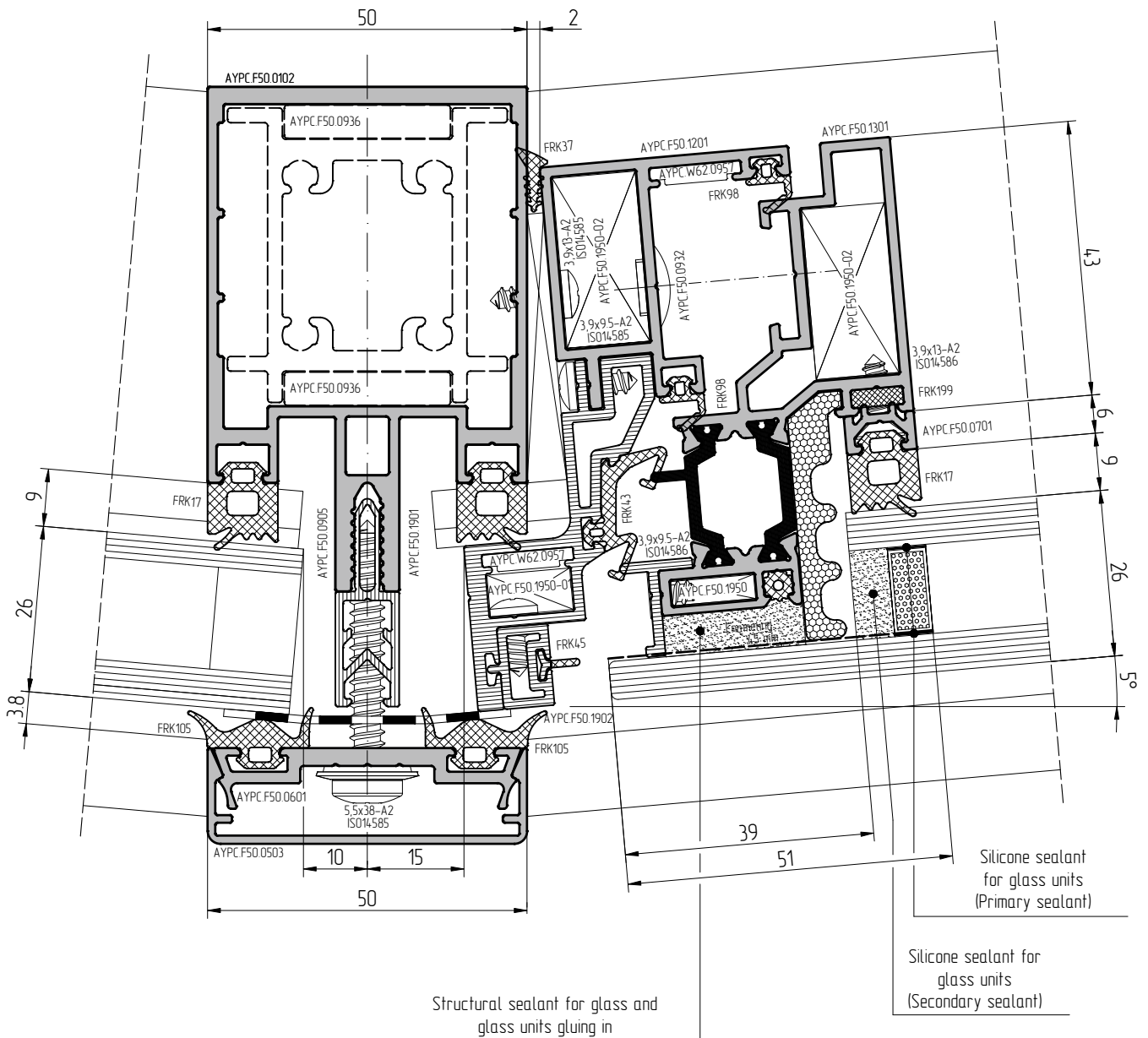
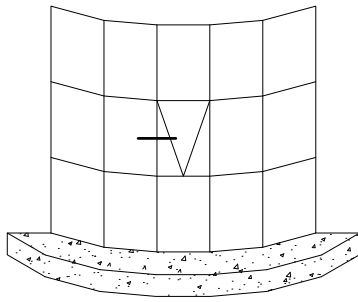
Option





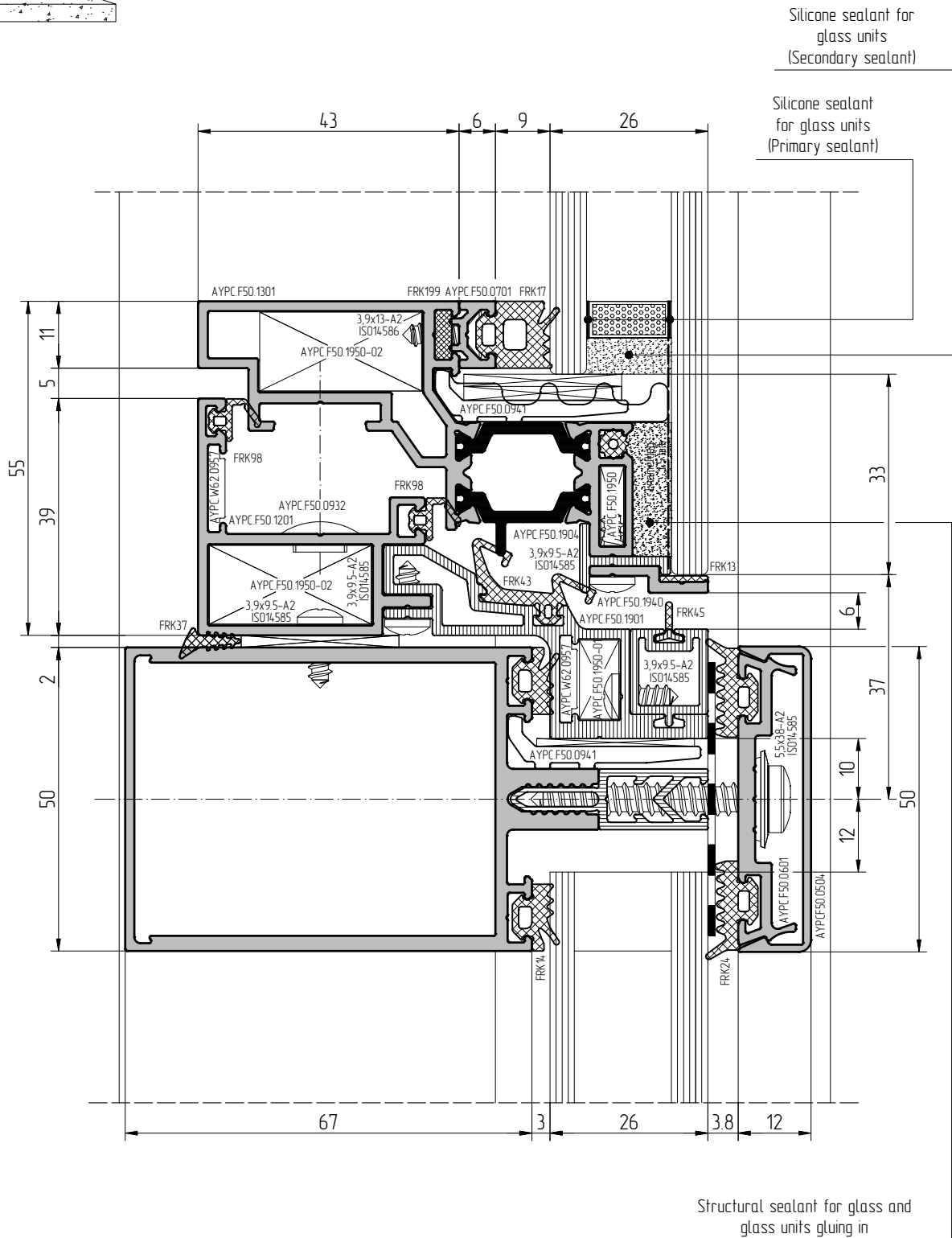
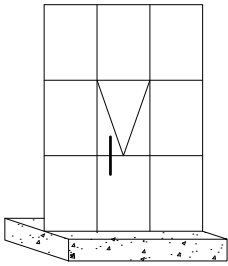
Manufacturer	Primary sealant	Secondary sealant	Structural sealant
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD	DC 993 DC 895
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM	Sicasil SG-20 Sicasil SG-18
General Electric	Polyisobutylene	IGS3763 IGS3703E	SSG4400 SSG4000E
KÖMMERLING	Polyisobutylene	GD 920	Ködiglaze S

Scale 1:1



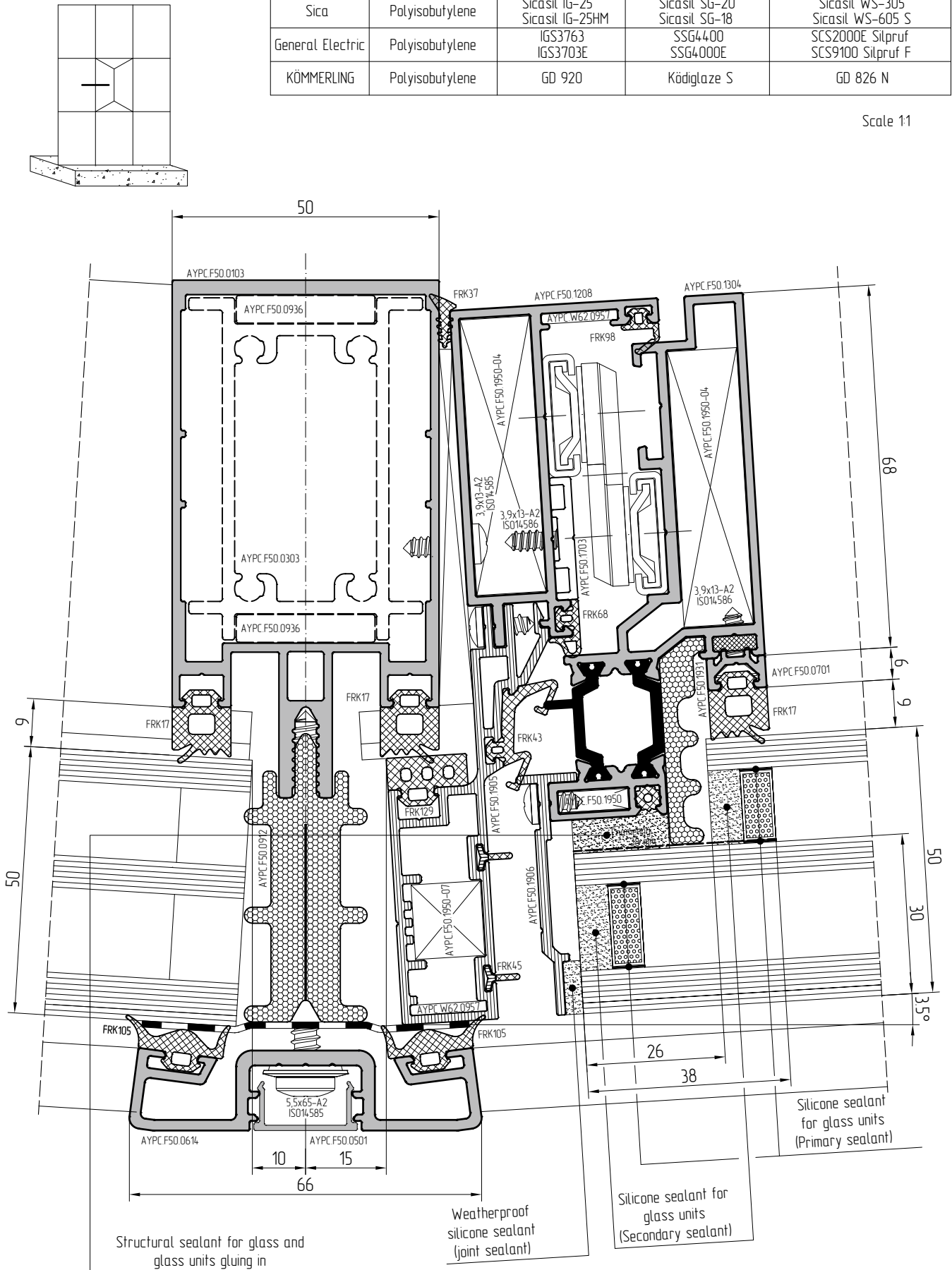
Manufacturer	Primary sealant	Secondary sealant	Structural sealant
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD	DC 993 DC 895
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM	Sicasil SG-20 Sicasil SG-18
General Electric	Polyisobutylene	IGS3763 IGS3703E	SSG4400 SSG4000E
KÖMMERLING	Polyisobutylene	GD 920	Ködiglaze S

Scale 1:1



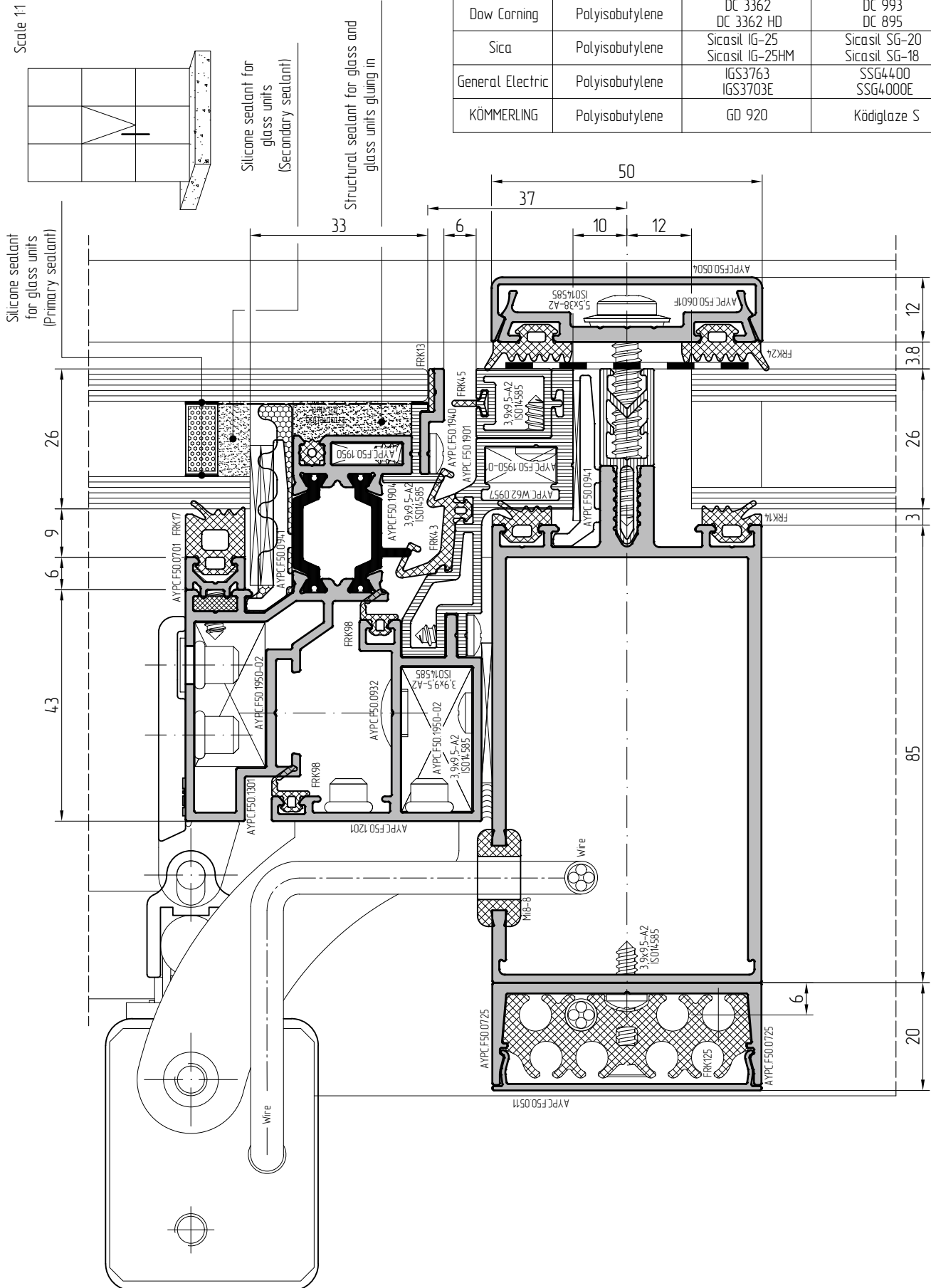
Manufacturer	Primary sealant	Secondary sealant	Structural sealant	Weatherproof sealant
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD	DC 993 DC 895	DC 791
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM	Sicasil SG-20 Sicasil SG-18	Sicasil WS-305 Sicasil WS-605 S
General Electric	Polyisobutylene	IGS3763 IGS3703E	SSG4400 SSG4000E	SCS2000E Silpruf SCS9100 Silpruf F
KÖMMERLING	Polyisobutylene	GD 920	Kädiglaze S	GD 826 N

Scale 11



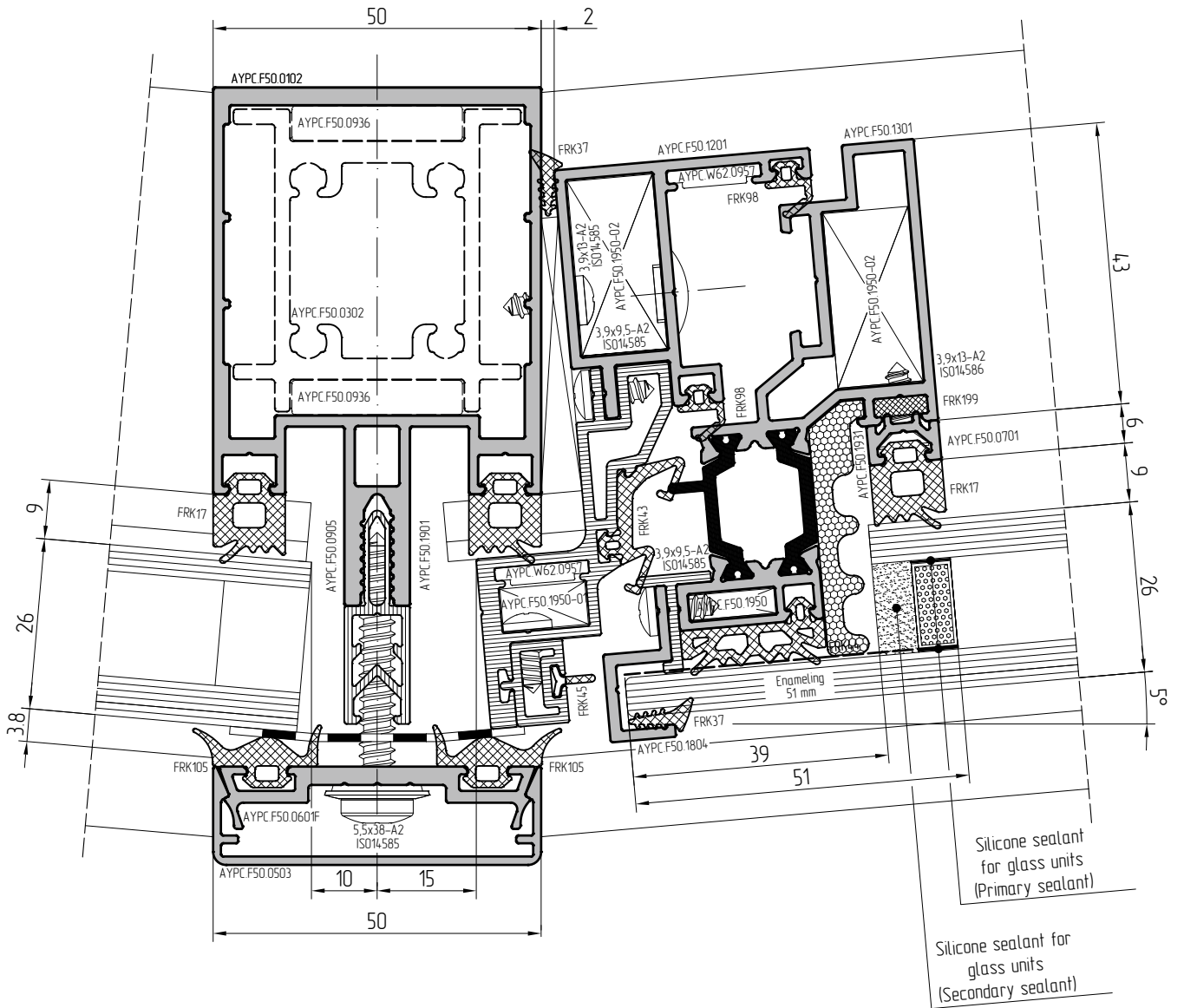
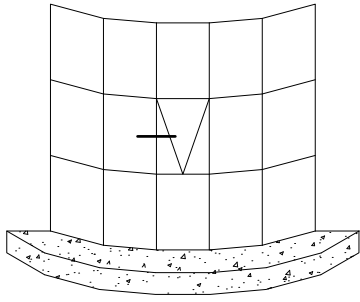
Manufacturer	Primary sealant	Secondary sealant	Structural sealant
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD	DC 993 DC 895
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM	Sicasil SG-20 Sicasil SG-18
General Electric	Polyisobutylene	IGS3763 IGS3703E	SSG4400 SSG4000E
KÖMMERLING	Polyisobutylene	GD 920	Ködiglaze S

Scale 1:1



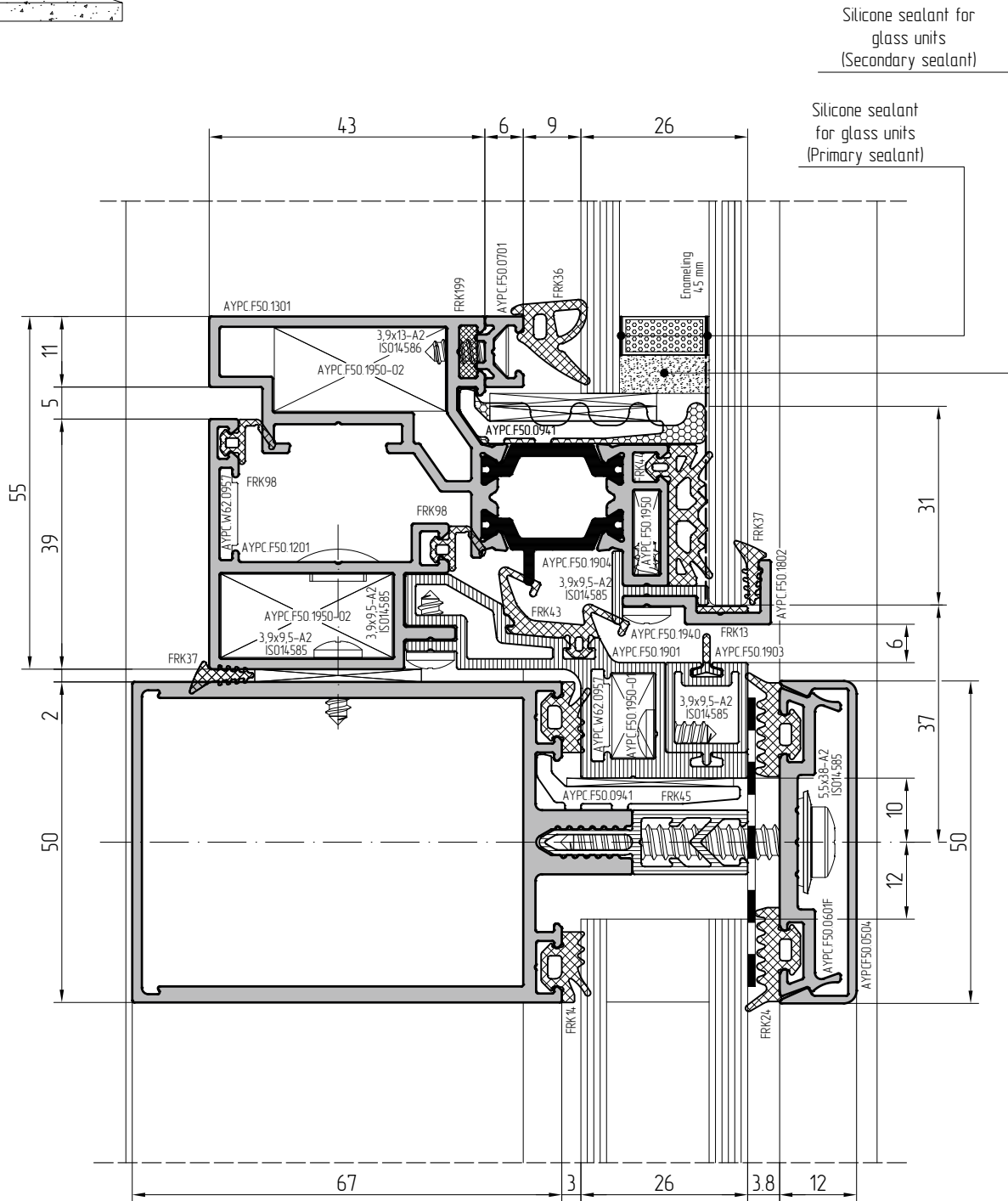
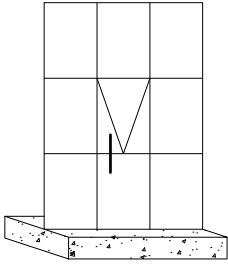
Scale 1:1

Manufacturer	Primary sealant	Secondary sealant
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM
General Electric	Polyisobutylene	IGS3763 IGS3703E
KÖMMERLING	Polyisobutylene	GD 920



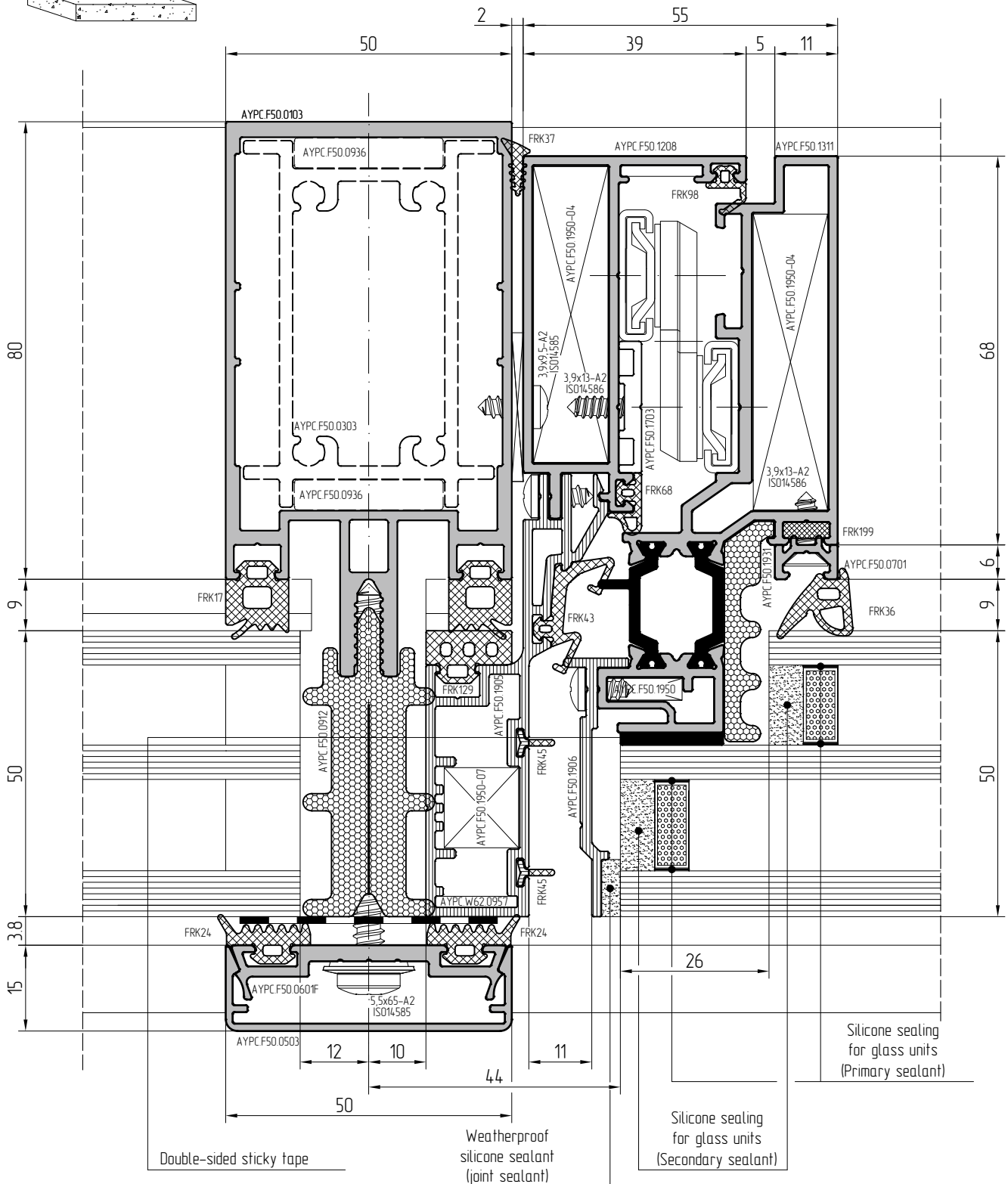
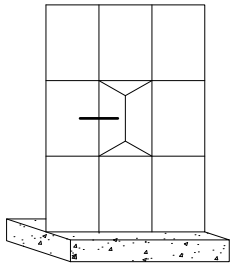
Scale 1:1

Manufacturer	Primary sealant	Secondary sealant
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM
General Electric	Polyisobutylene	IGS3763 IGS3703E
KÖMMERLING	Polyisobutylene	GD 920



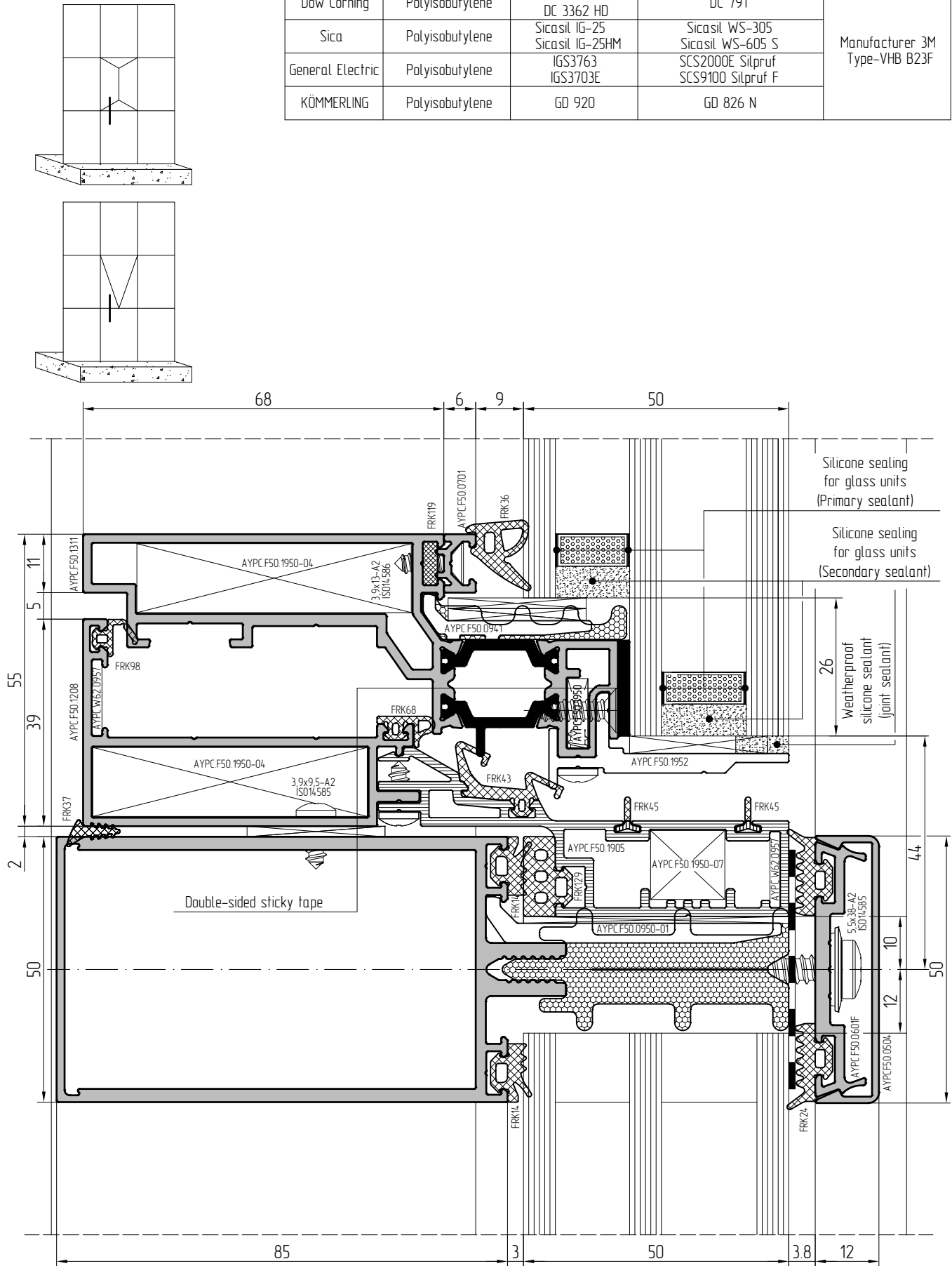
Scale 1:1

Manufacturer	Primary sealant	Secondary sealant	Weatherproof sealant	Double-sided tape
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD	DC 791	Manufacturer 3M Type-VHB B23F
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM	Sicasil WS-305 Sicasil WS-605 S	
General Electric	Polyisobutylene	IGS3763 IGS3703E	SCS2000E Silpruf SCS9100 Silpruf F	
KÖMMERLING	Polyisobutylene	GD 920	GD 826 N	

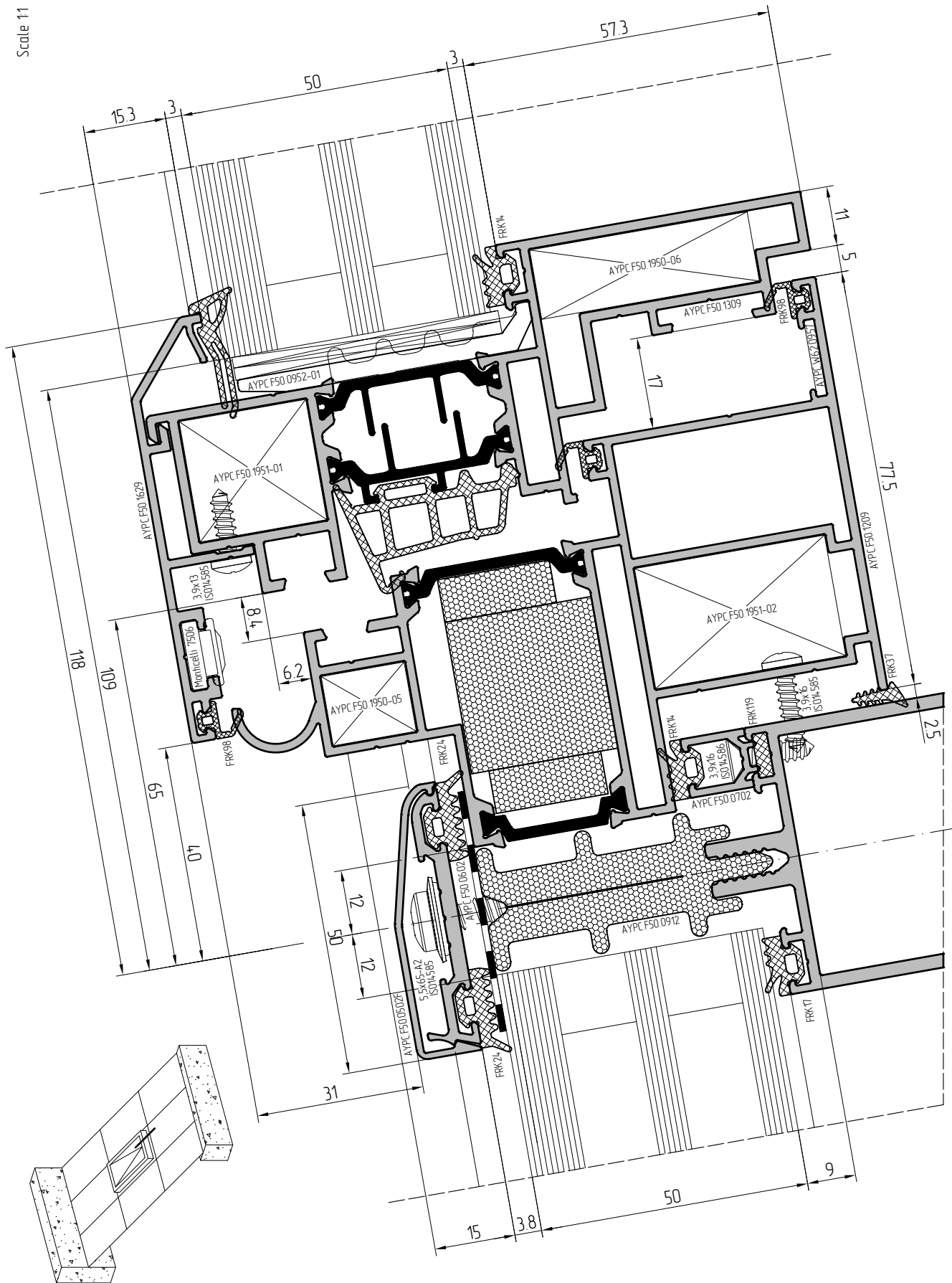


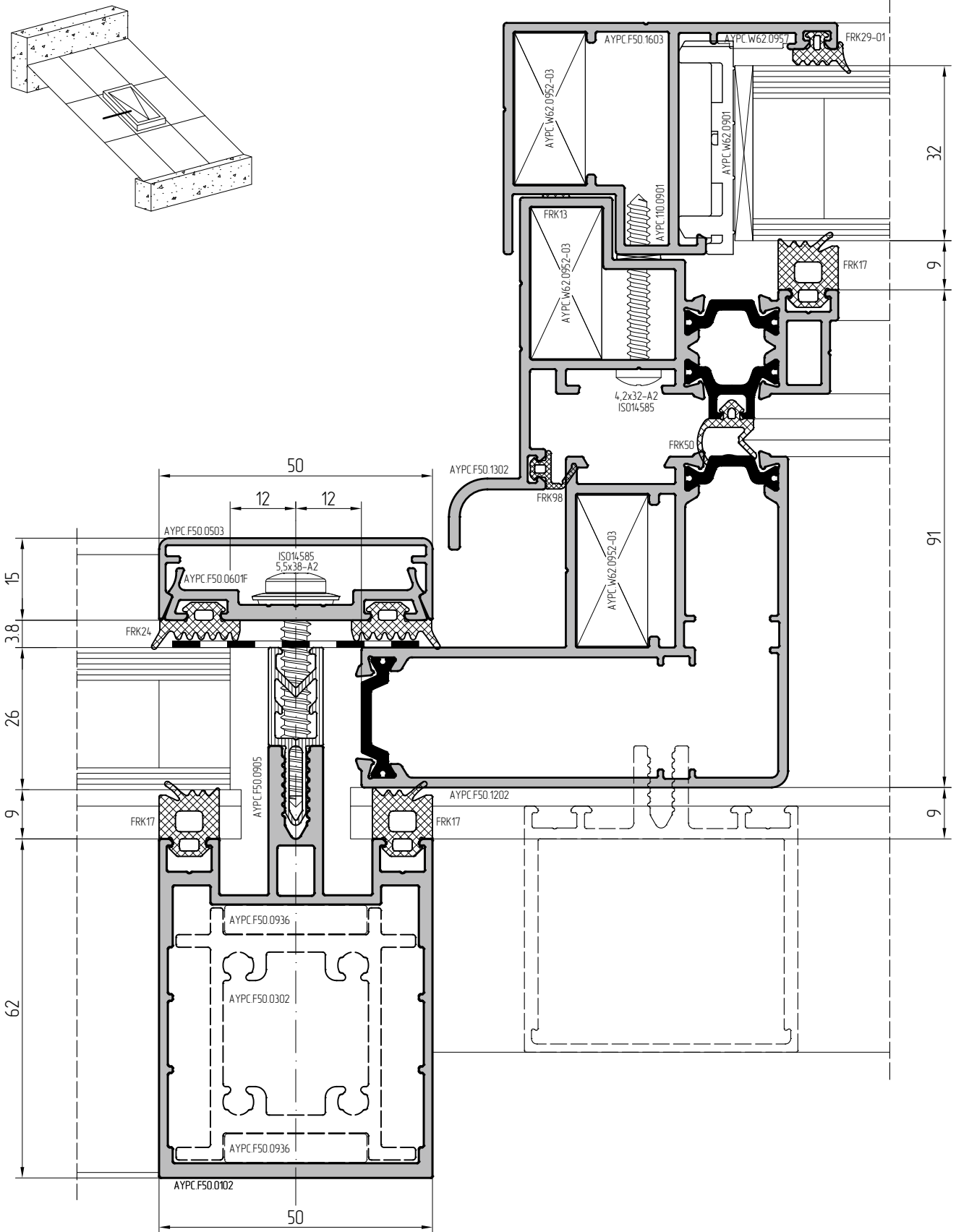
Scale 1:1

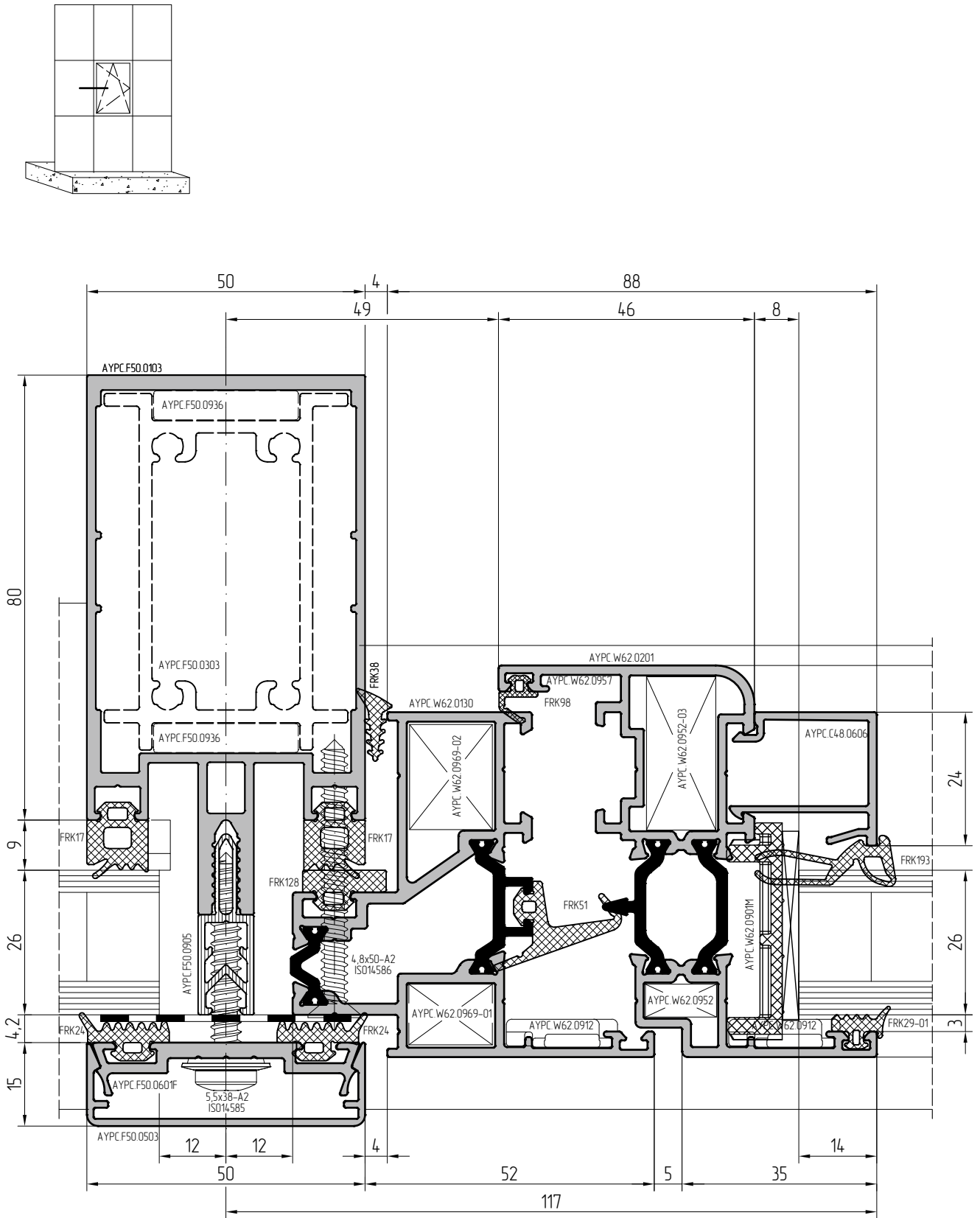
Manufacturer	Primary sealant	Secondary sealant	Weatherproof sealant	Double-sided tape
Dow Corning	Polyisobutylene	DC 3362 DC 3362 HD	DC 791	Manufacturer 3M Type-VHB B23F
Sica	Polyisobutylene	Sicasil IG-25 Sicasil IG-25HM	Sicasil WS-305 Sicasil WS-605 S	
General Electric	Polyisobutylene	IGS3763 IGS3703E	SCS2000E Silpruf SCS9100 Silpruf F	
KÖMMERLING	Polyisobutylene	GD 920	GD 826 N	

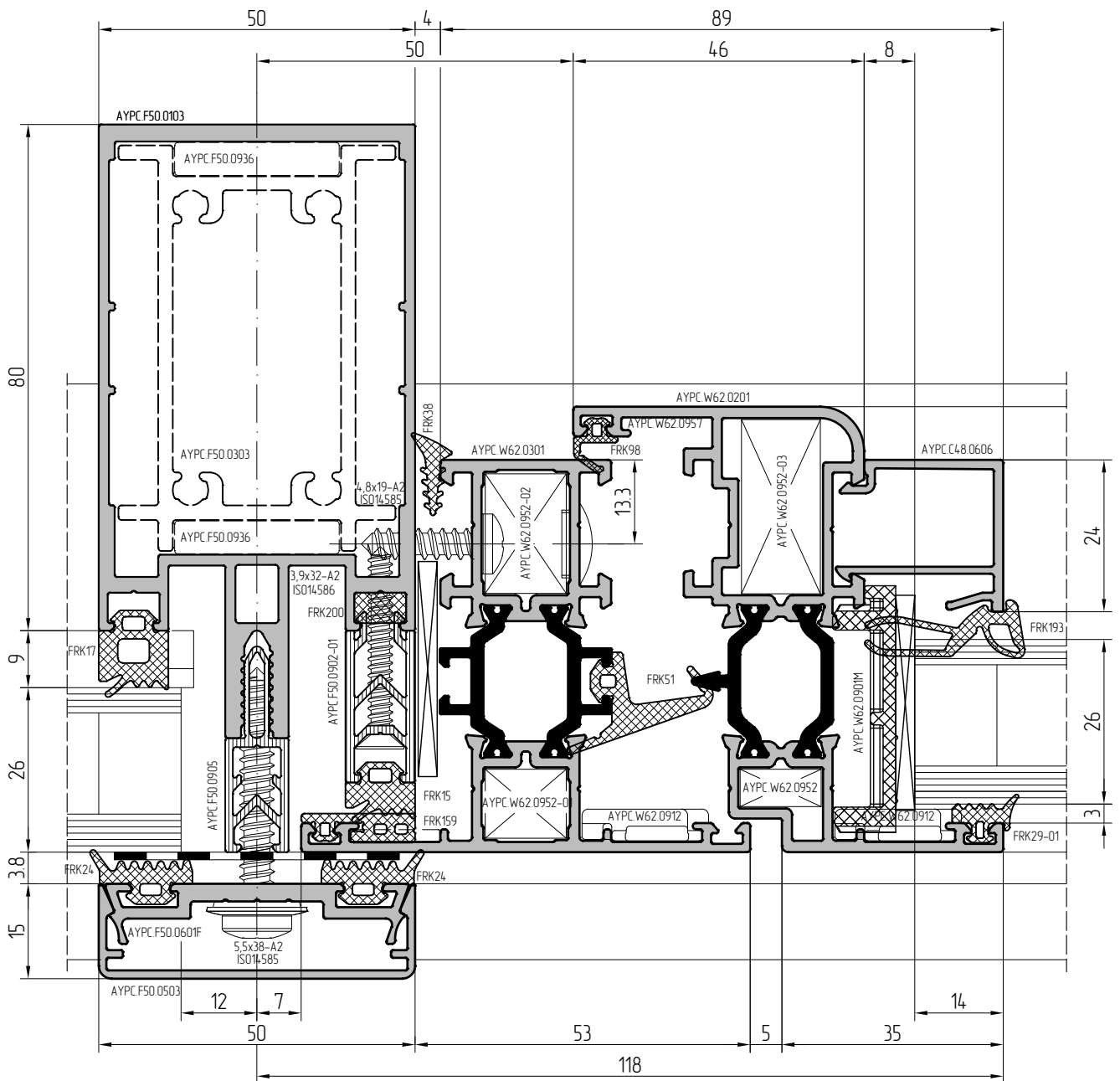
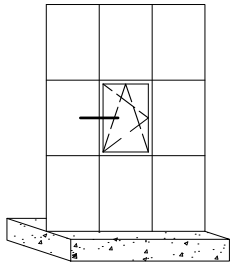


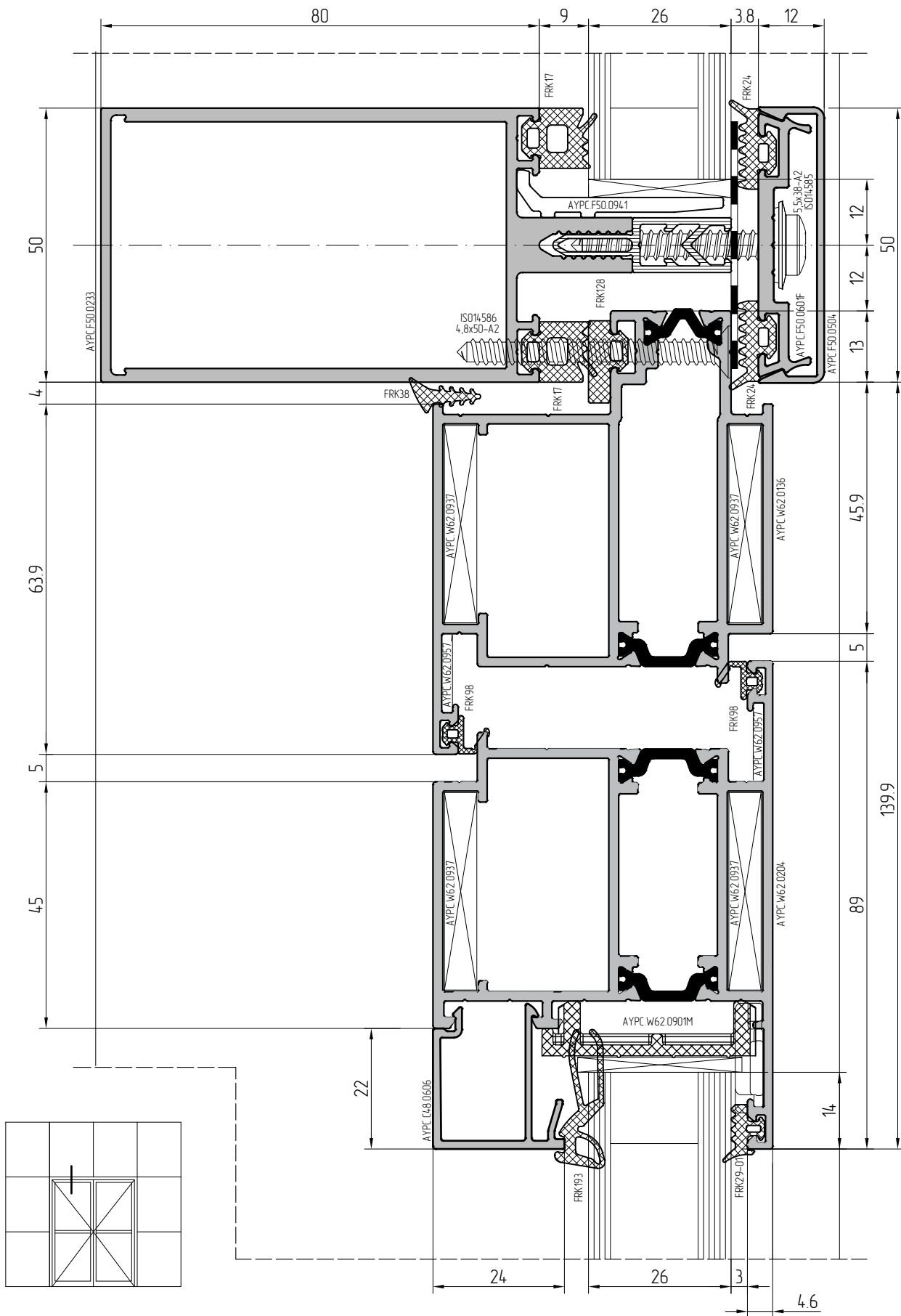
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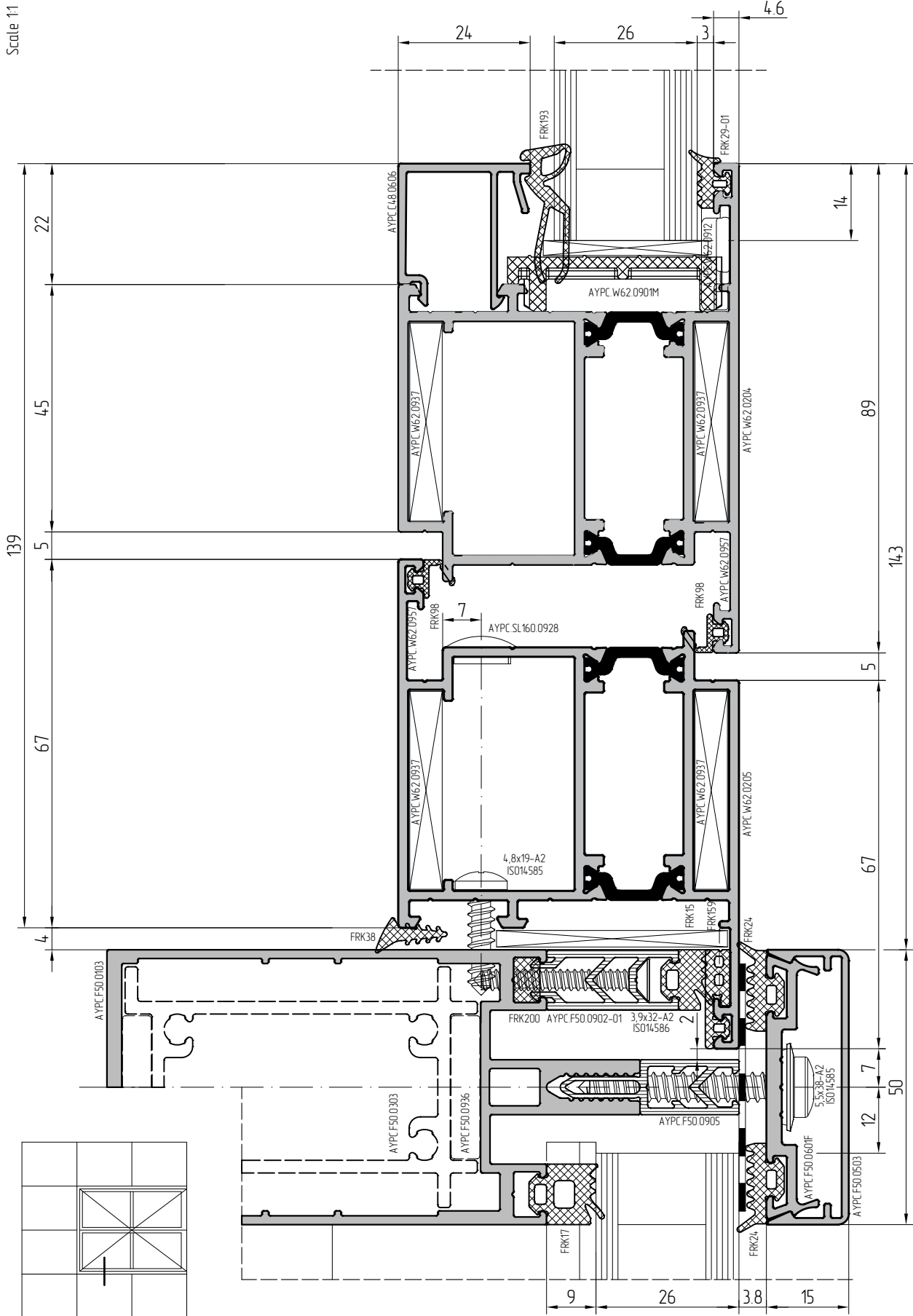


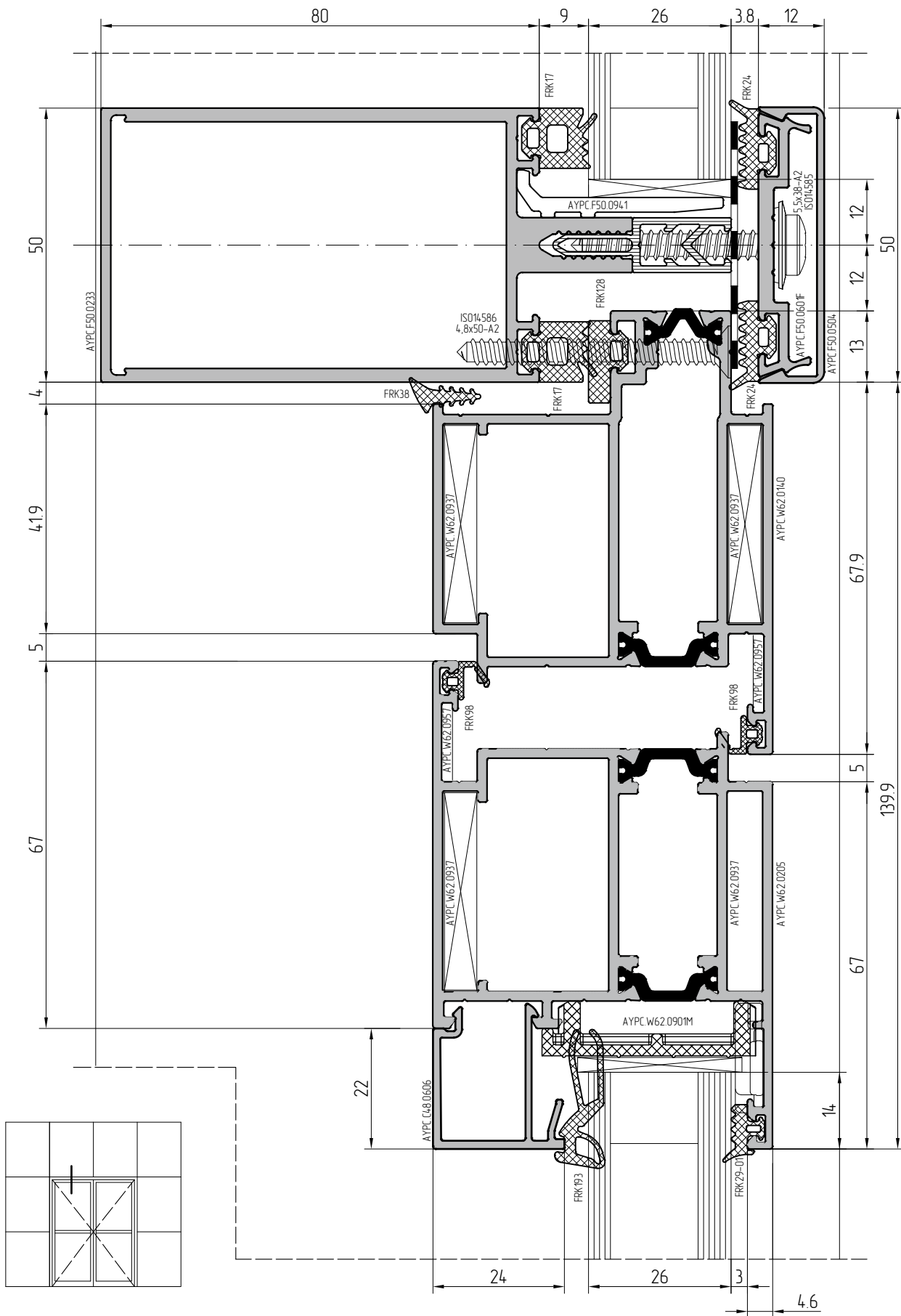


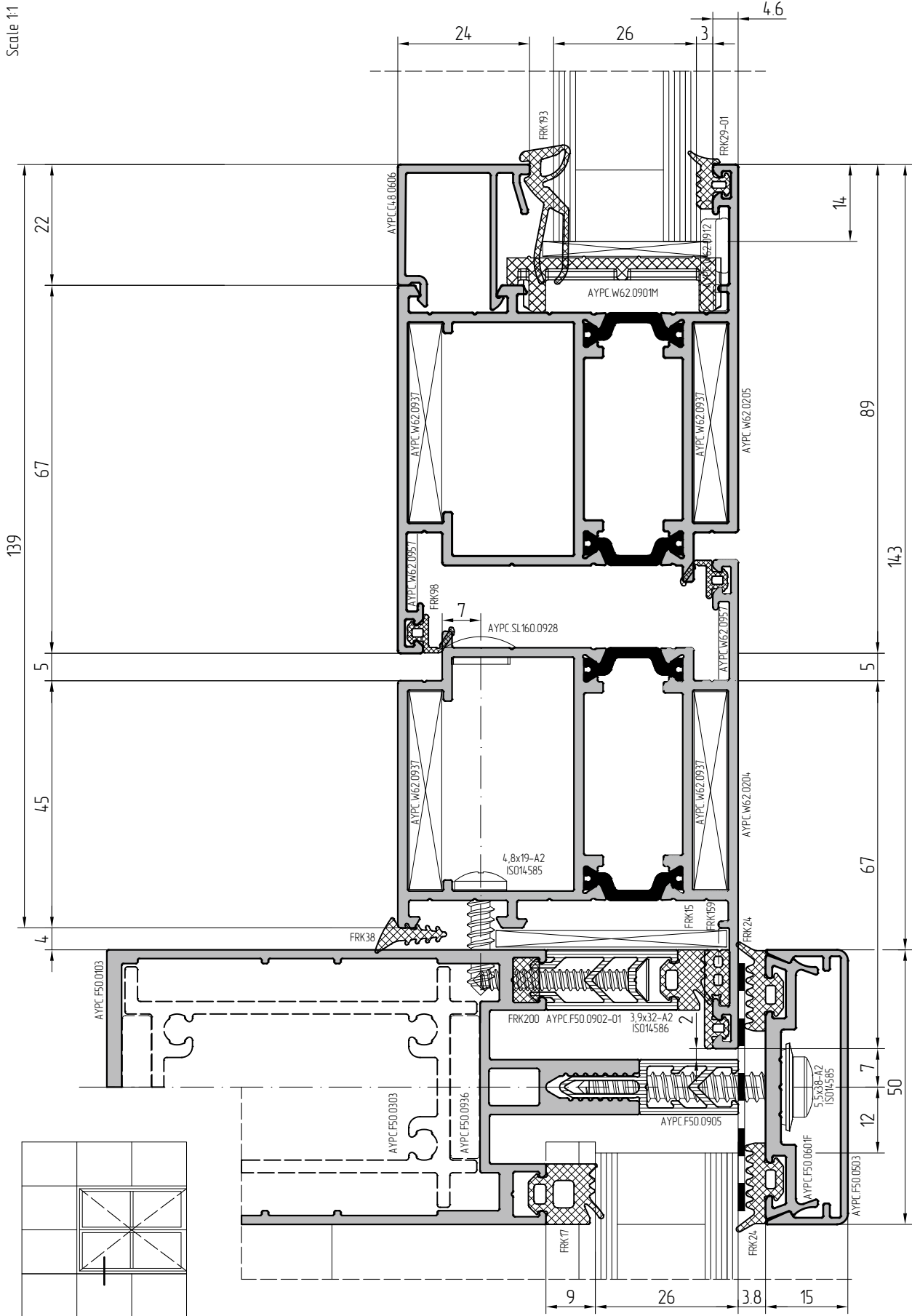


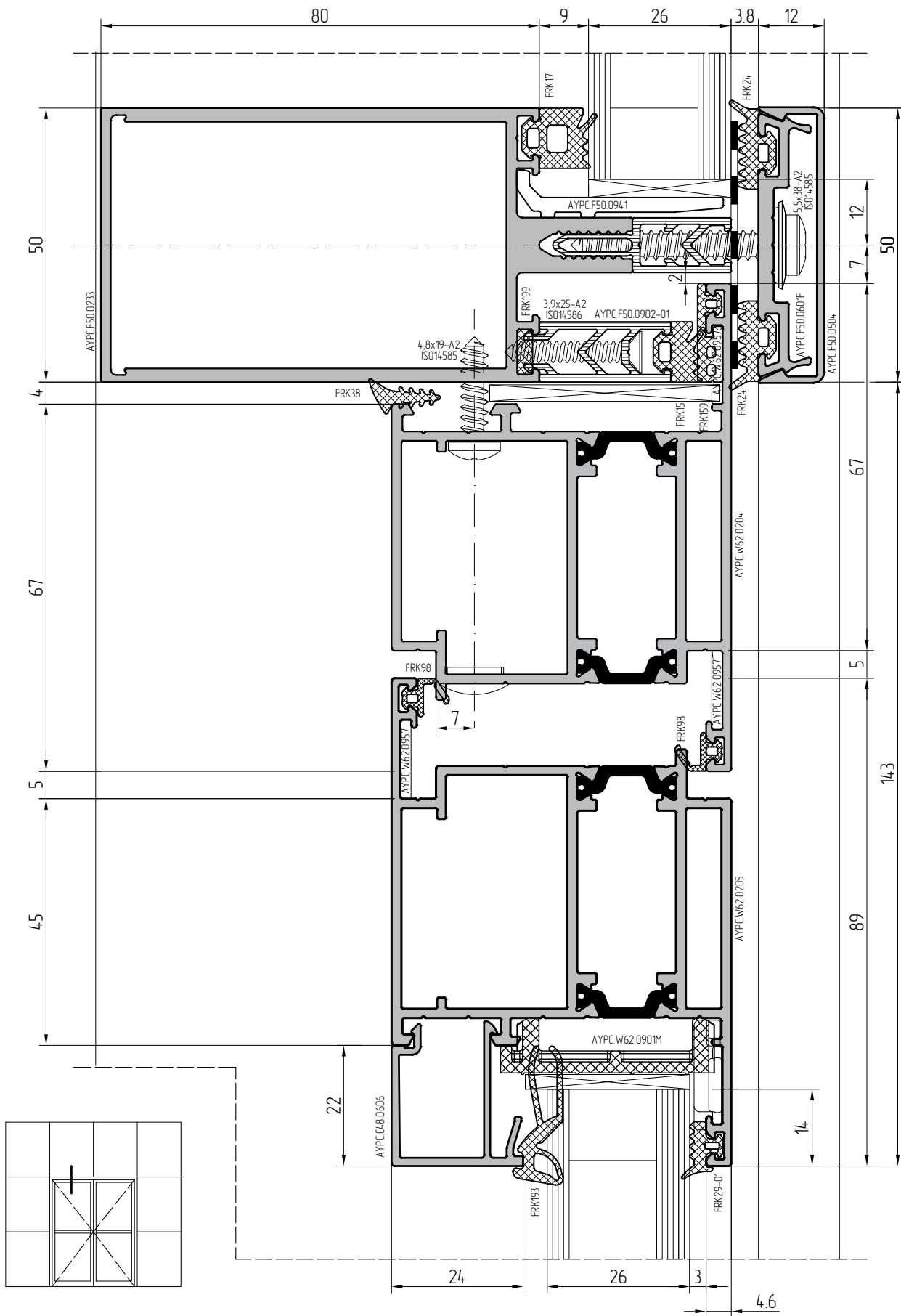


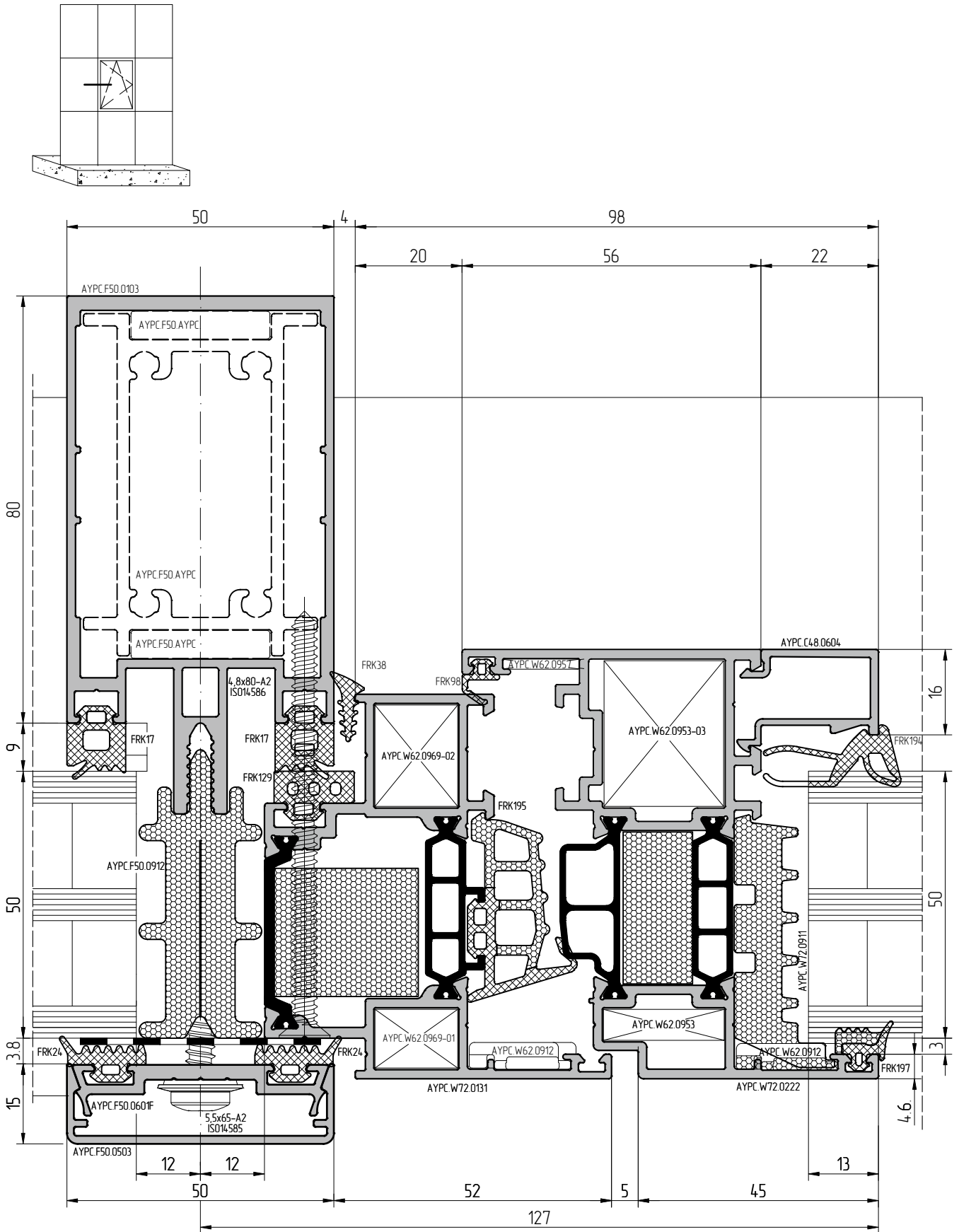


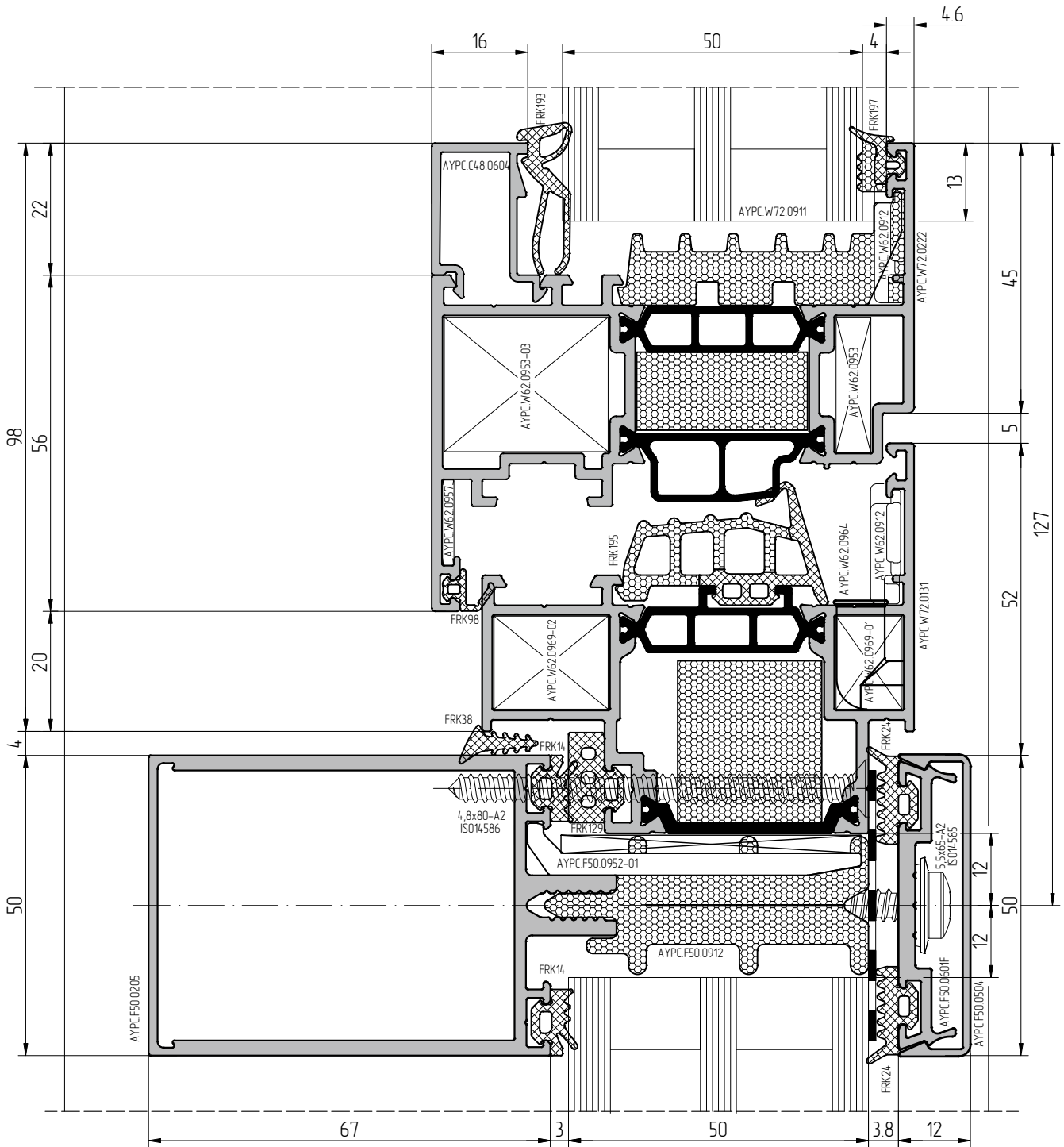
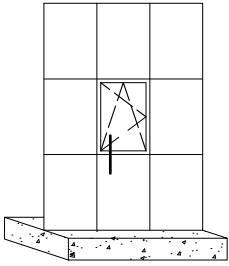


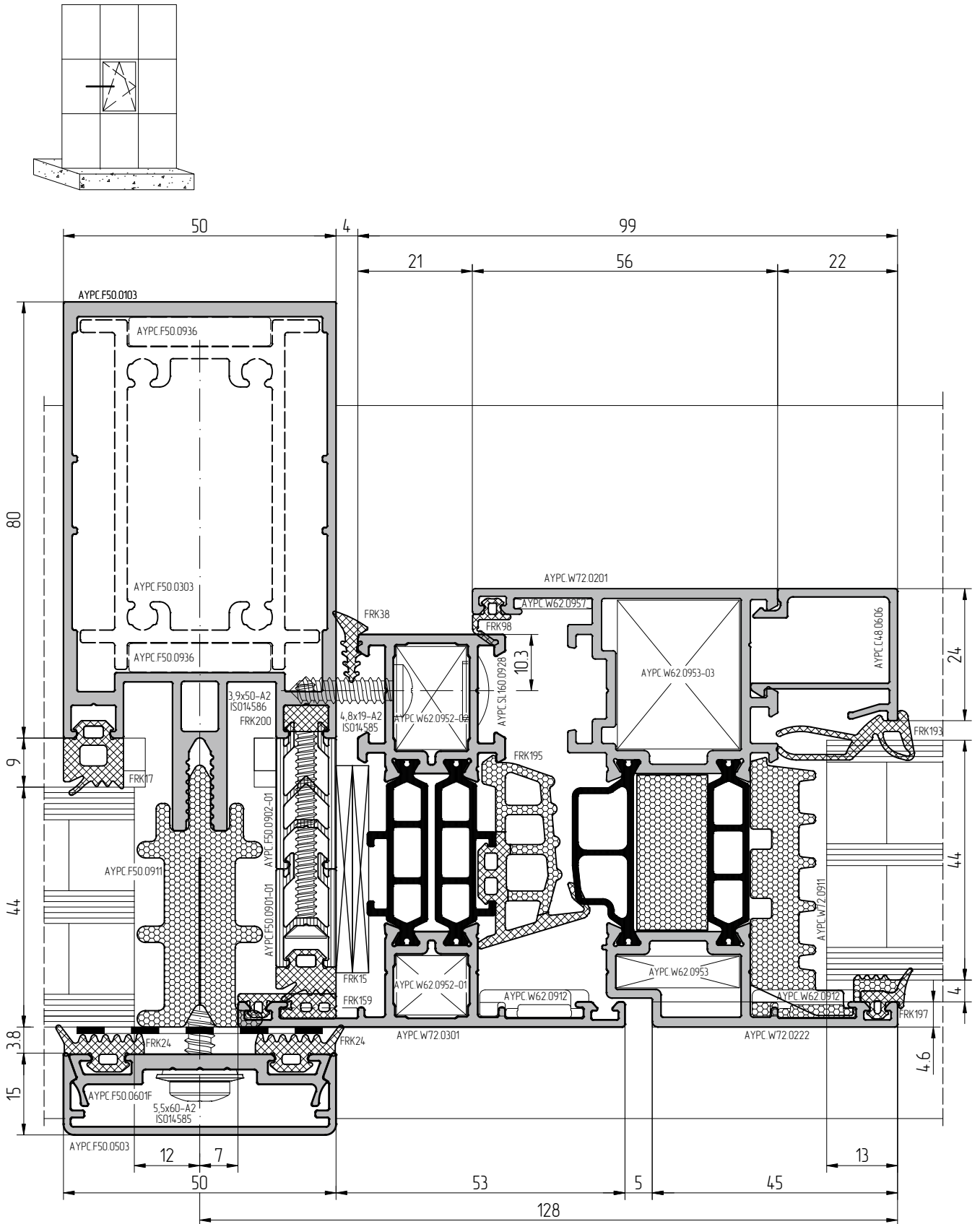


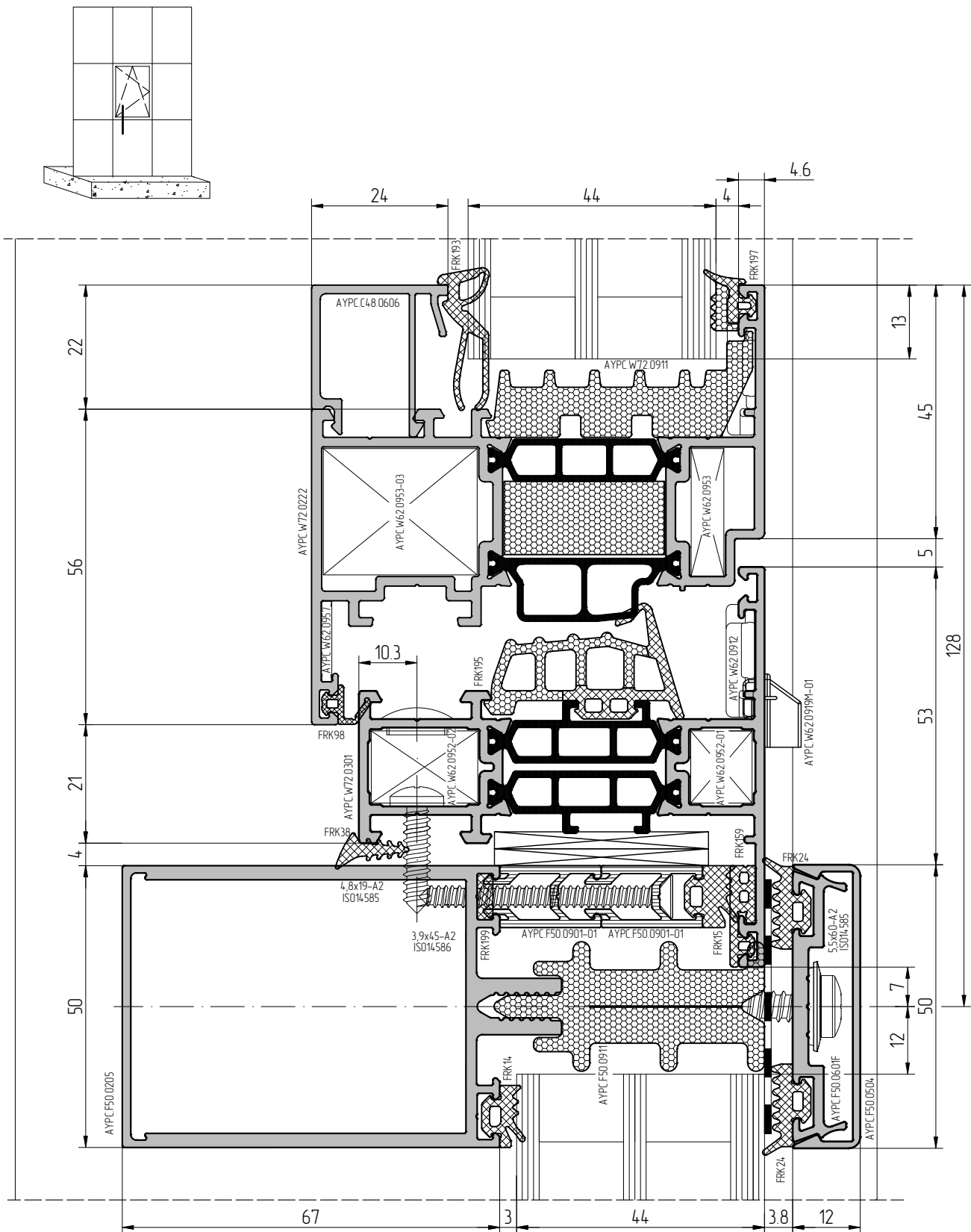




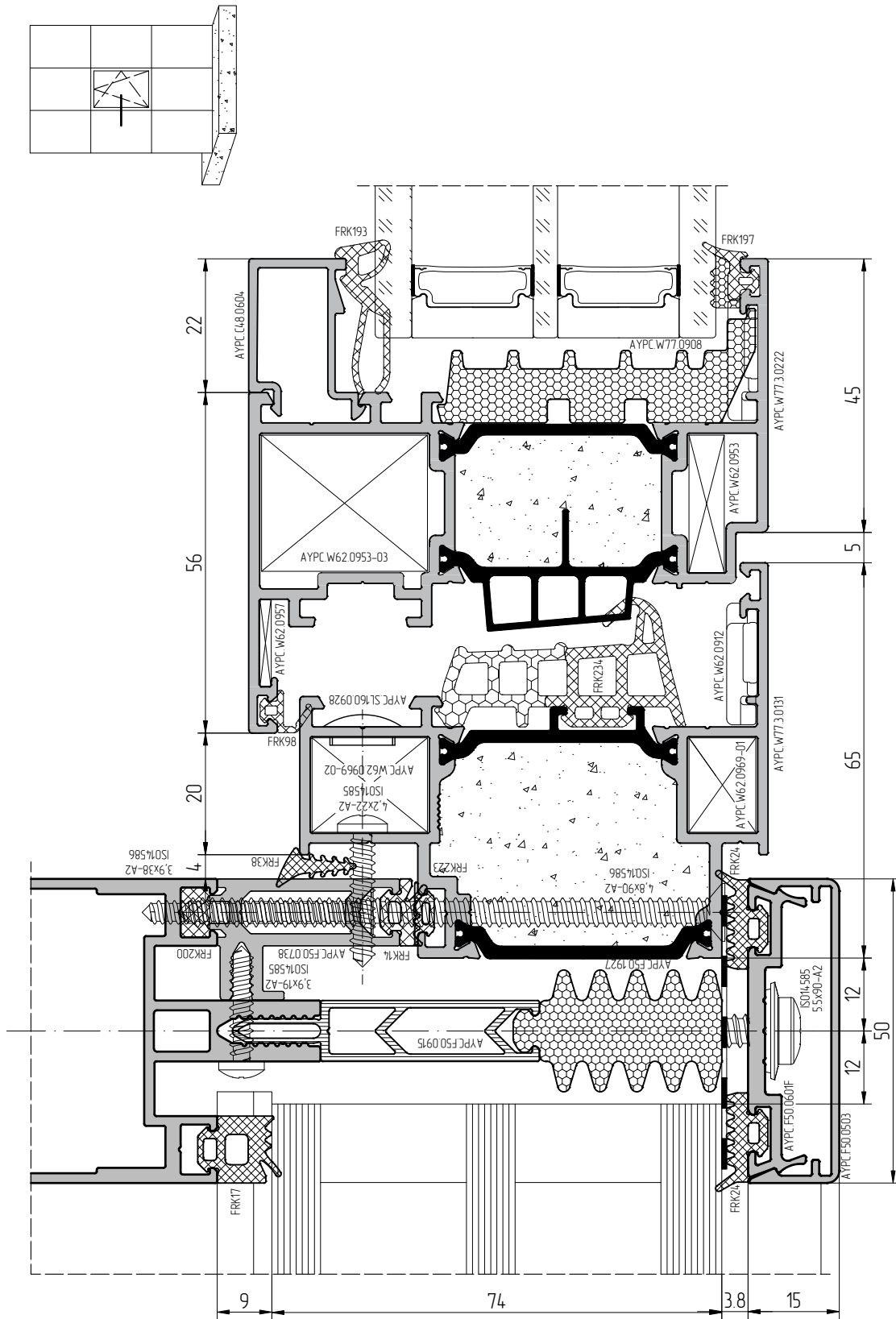




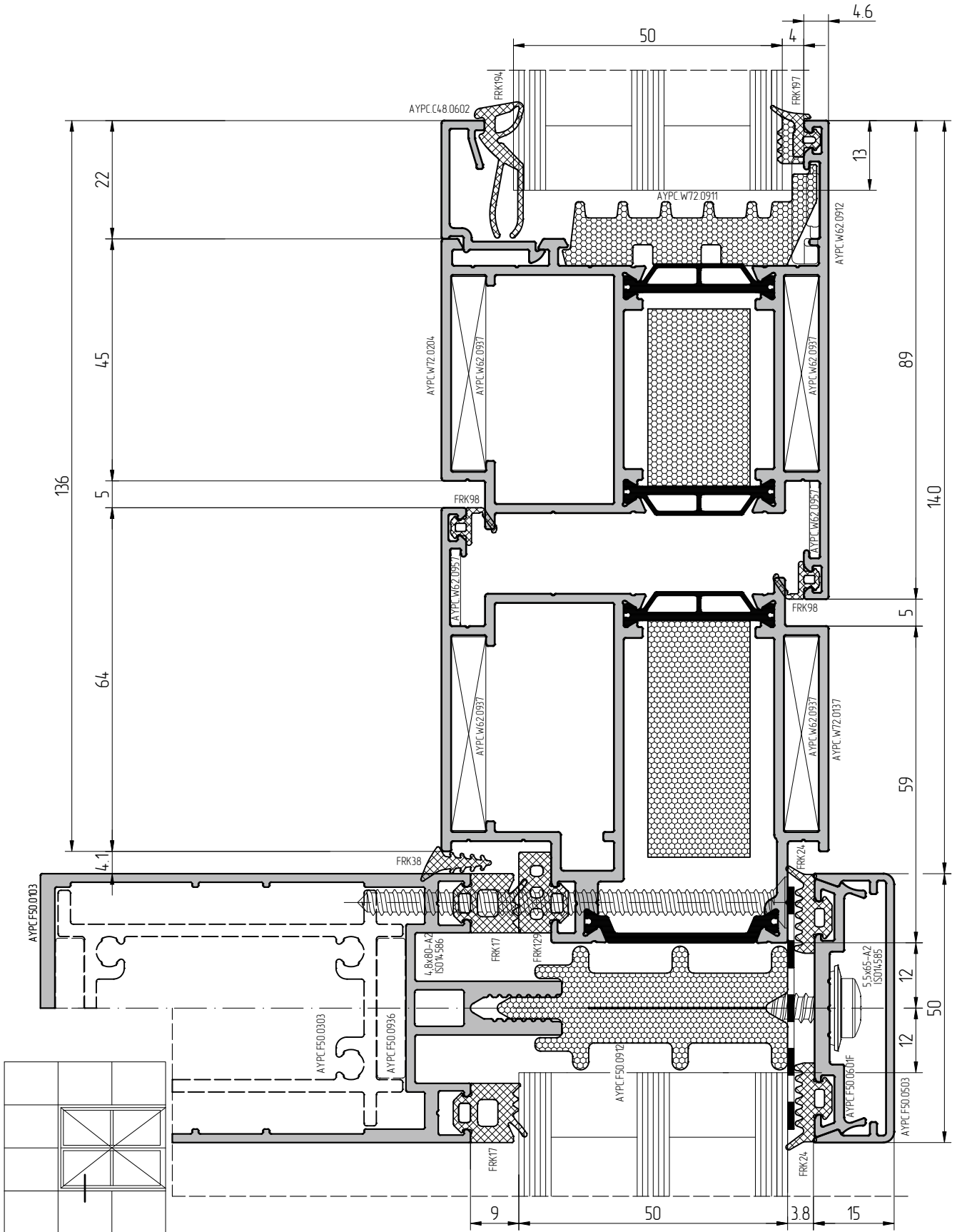


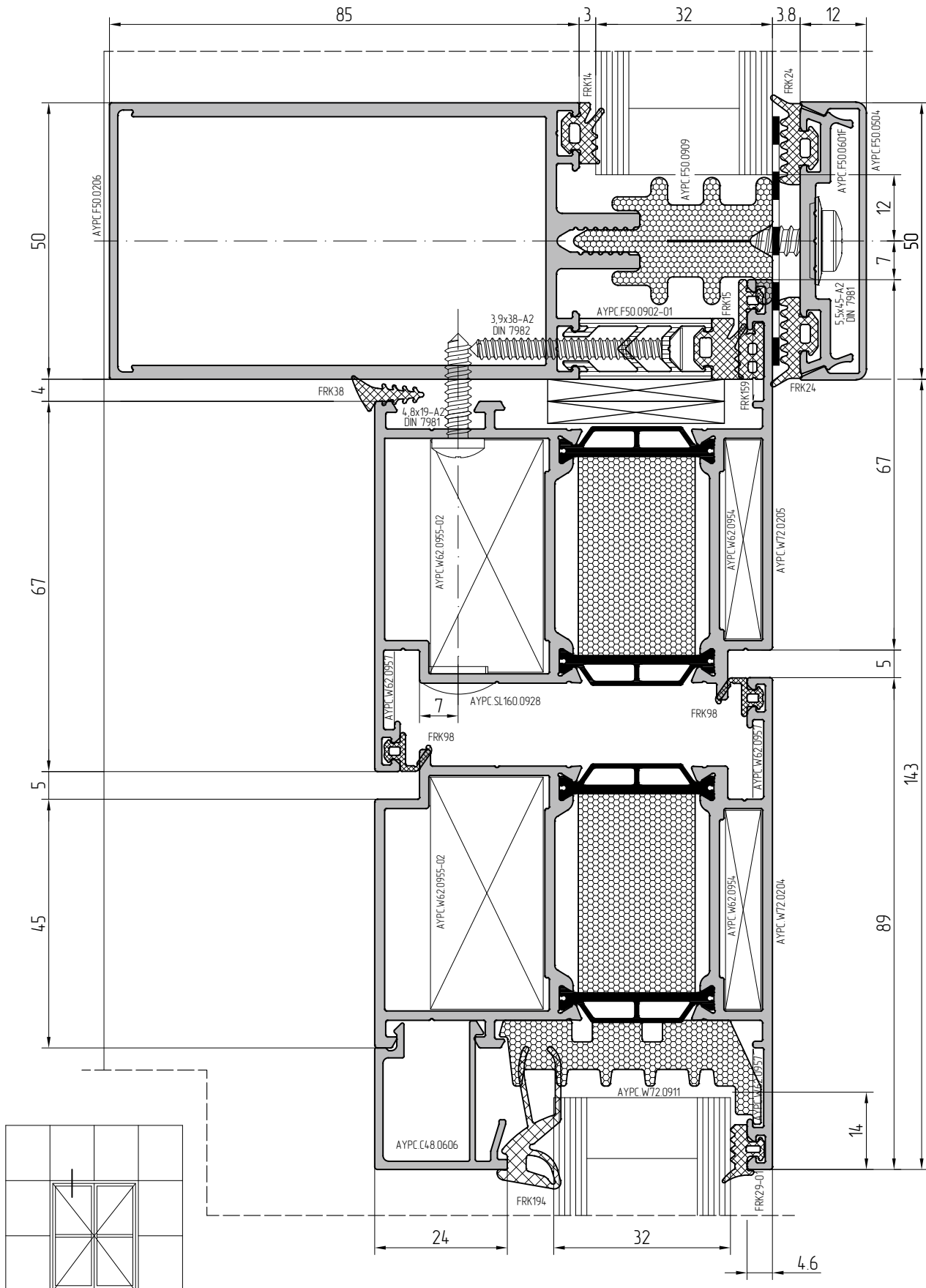


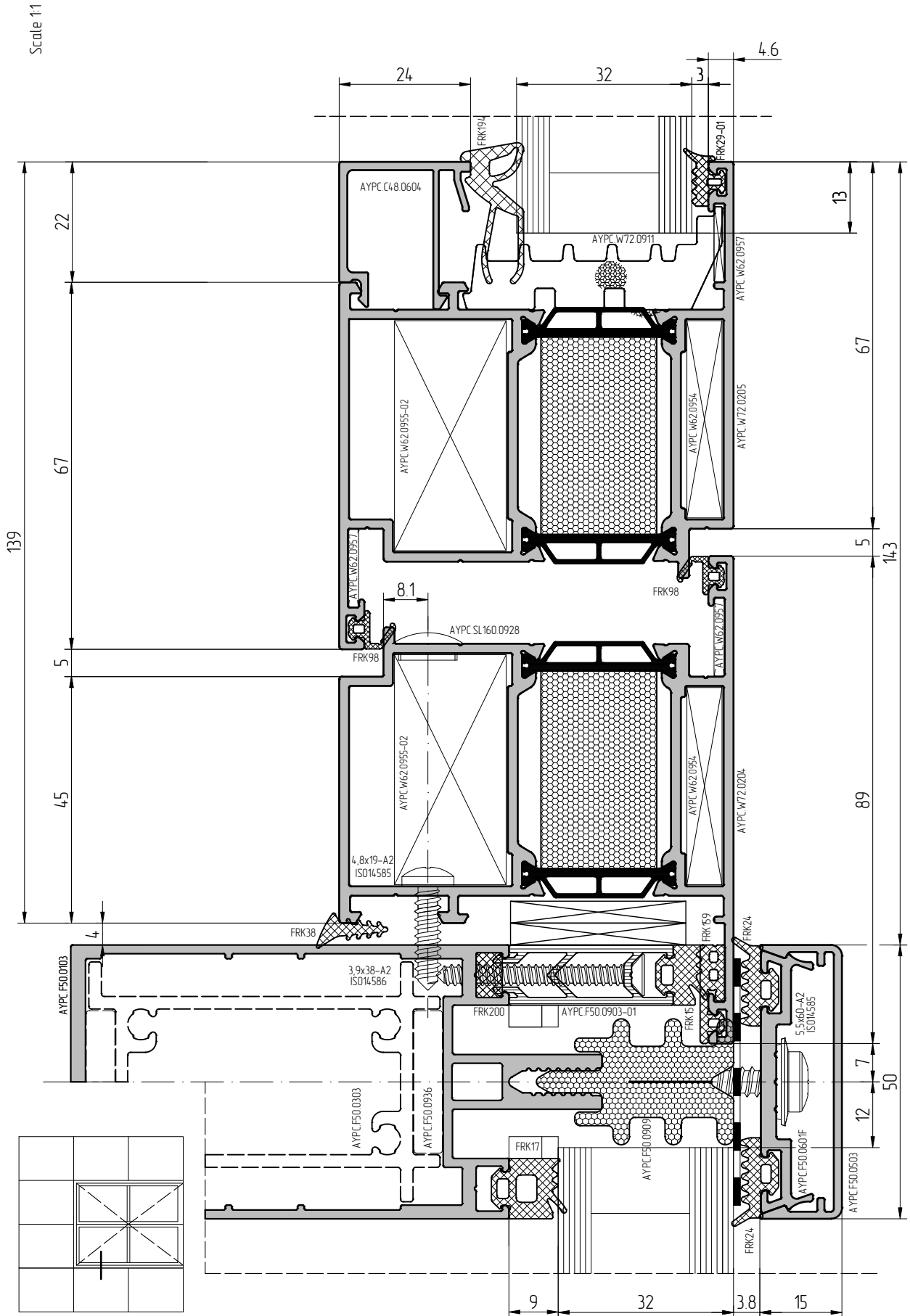
Scale 1:1



Scale 1:1

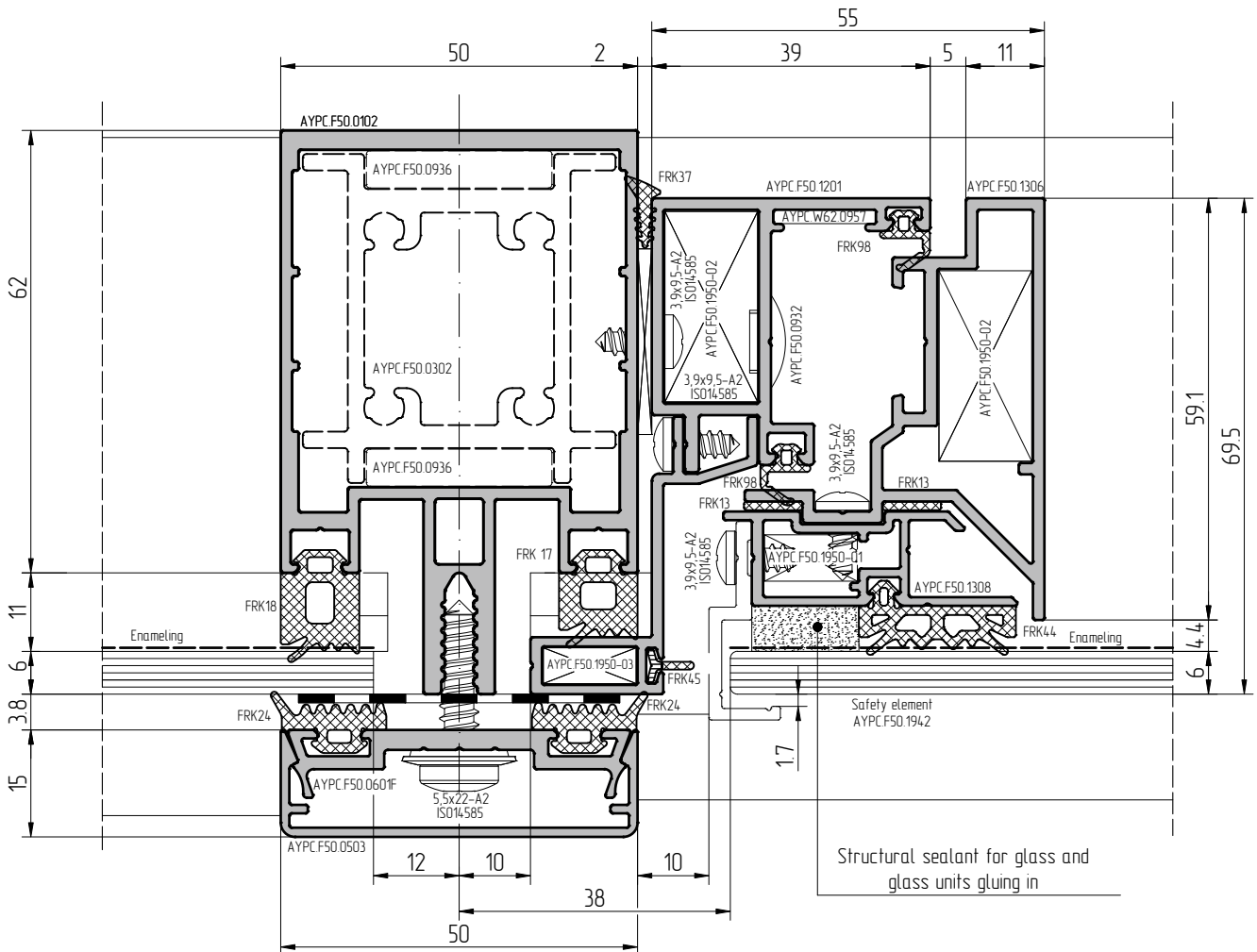
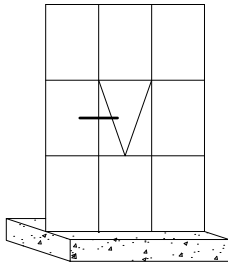






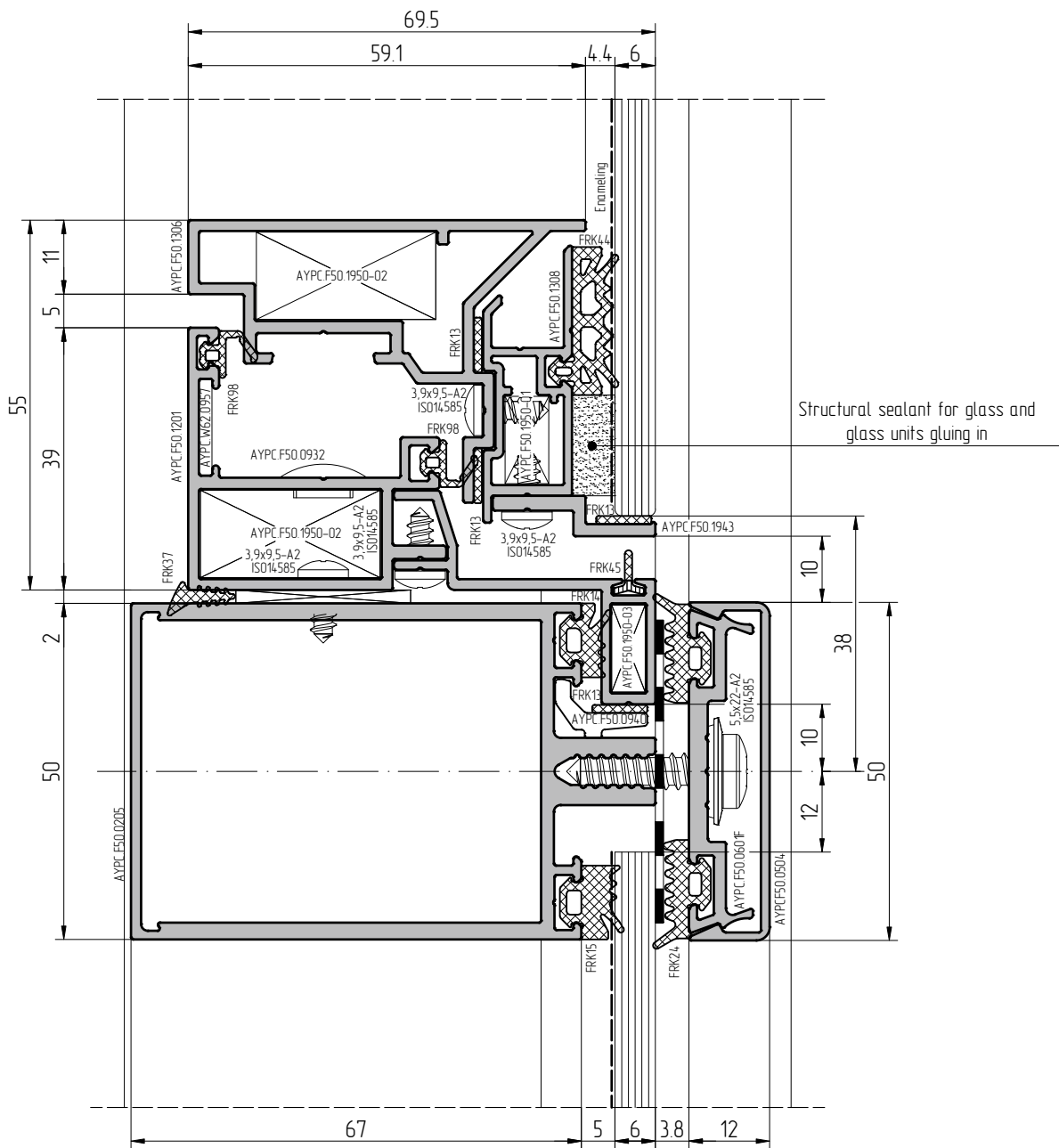
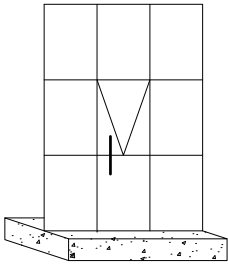
Scale 1:1

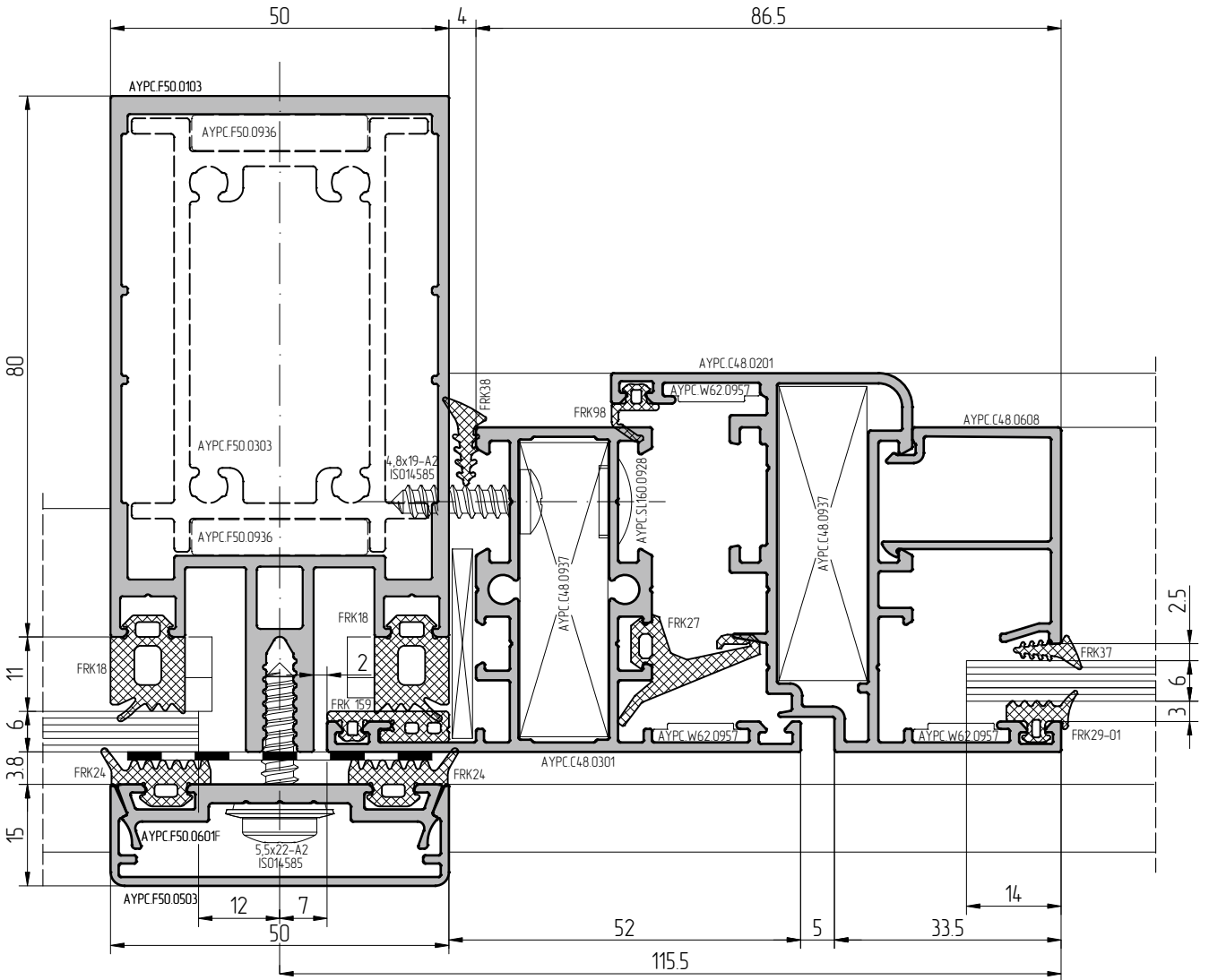
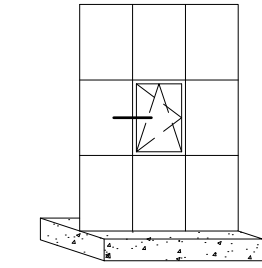
Manufacturer	Structural sealant
Dow Corning	DC 993 DC 895
Sica	Sicasil SG-20 Sicasil SG-18
General Electric	SSG4400 SSG4000E
KÖMMERLING	Ködiglaze S



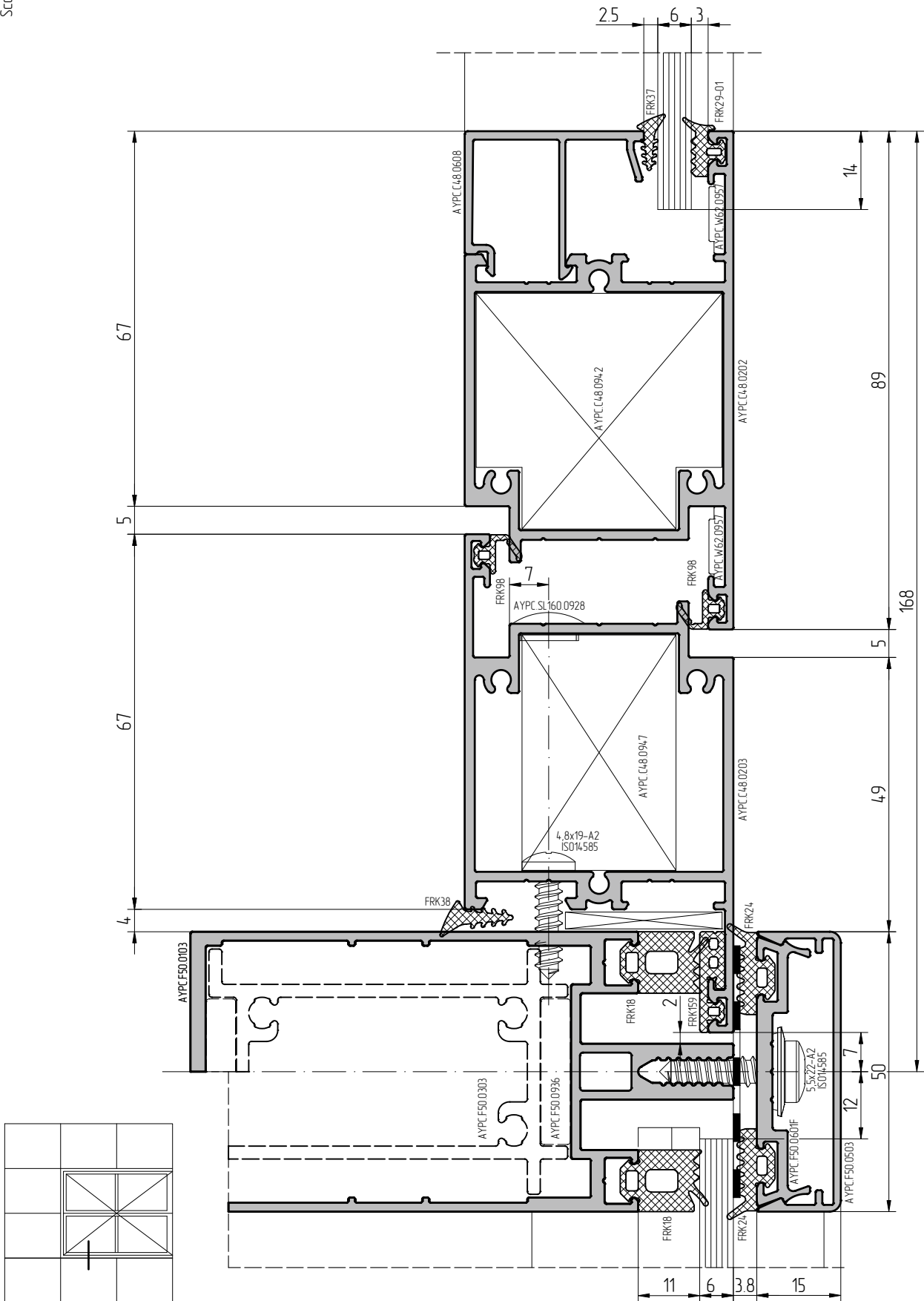
Scale 1:1

Manufacturer	Structural sealant
Dow Corning	DC 993 DC 895
Sica	Sicasil SG-20 Sicasil SG-18
General Electric	SSG4400 SSG4000E
KÖMMERLING	Kädiglaze S

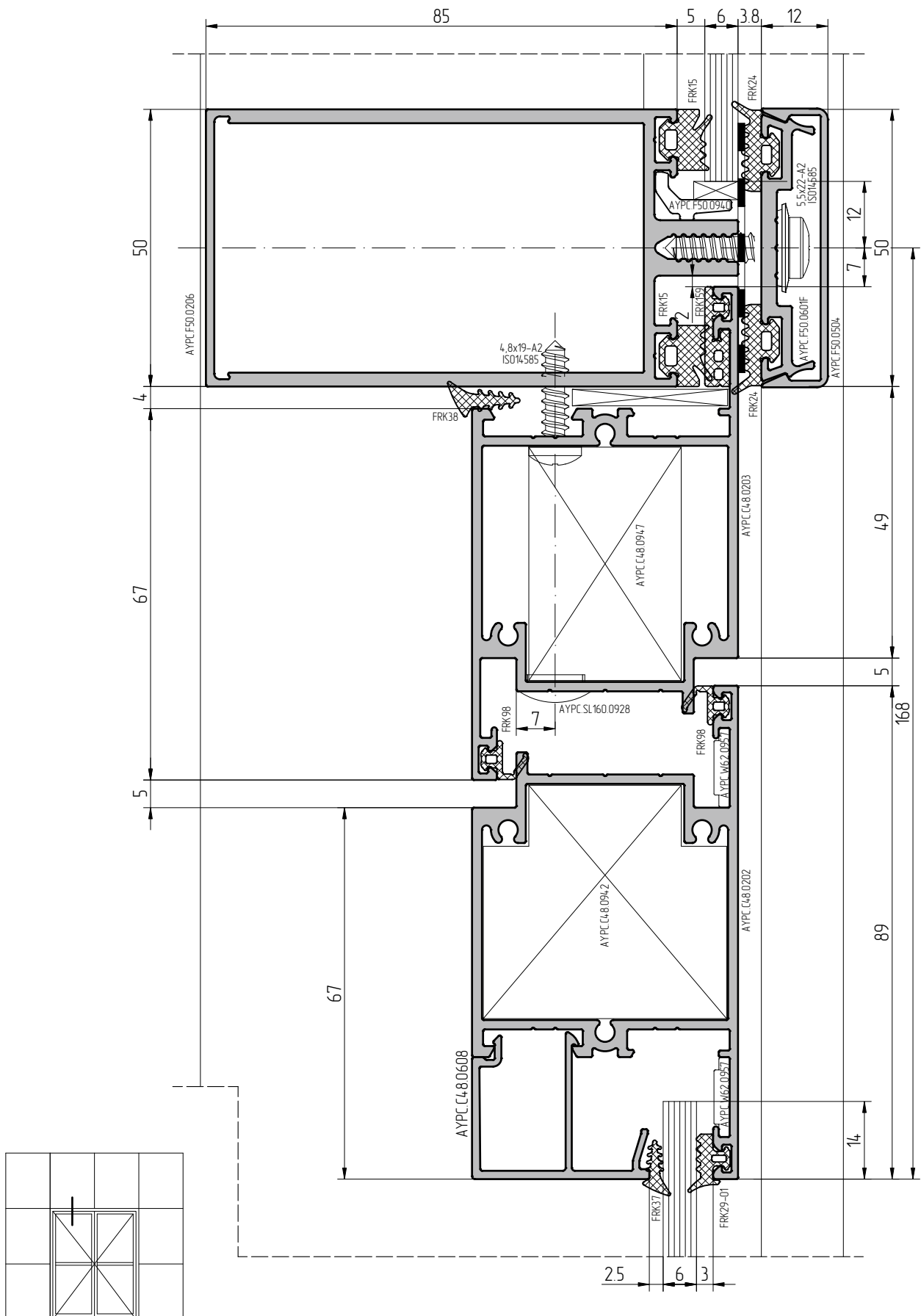




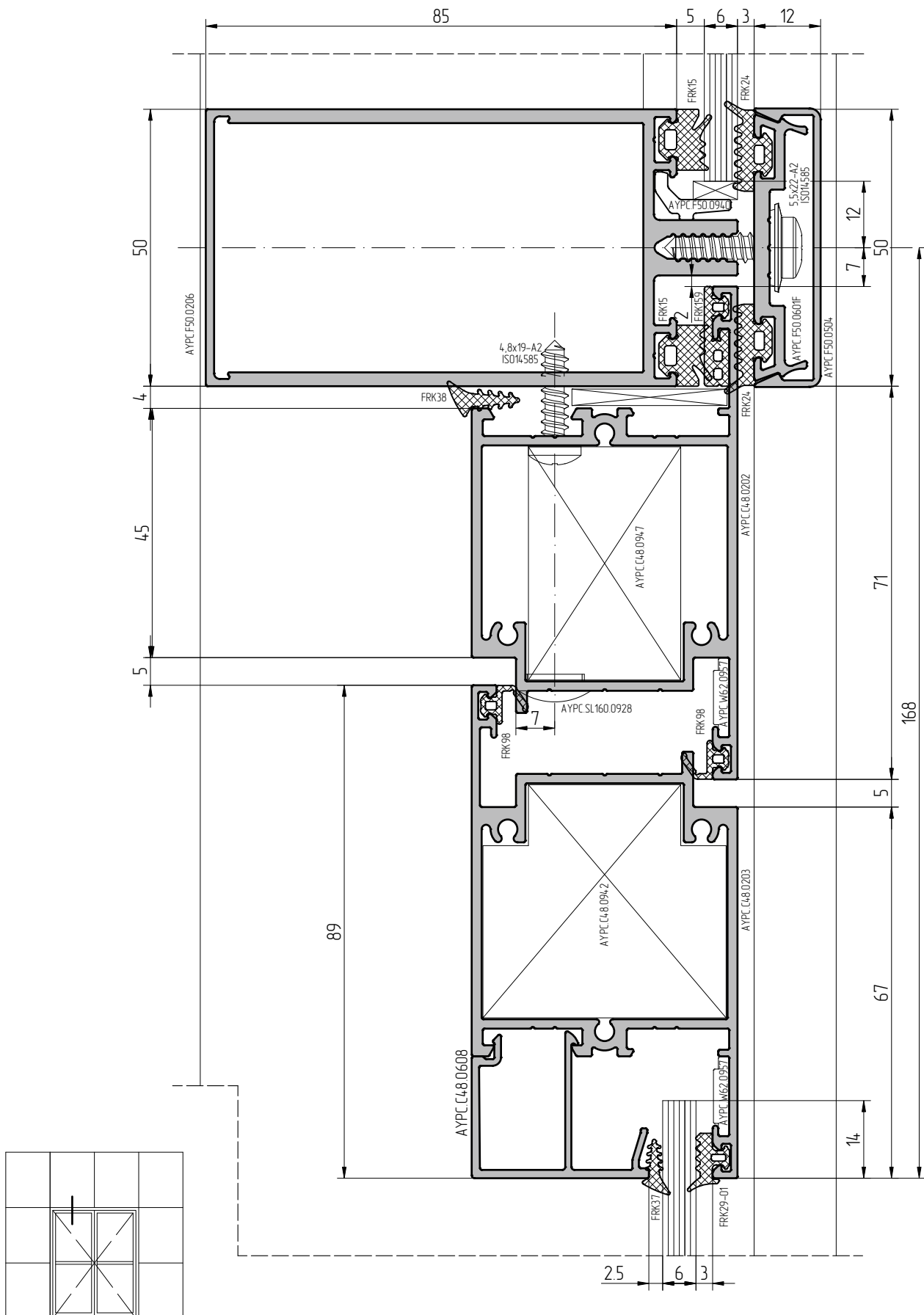
Scale 1:1

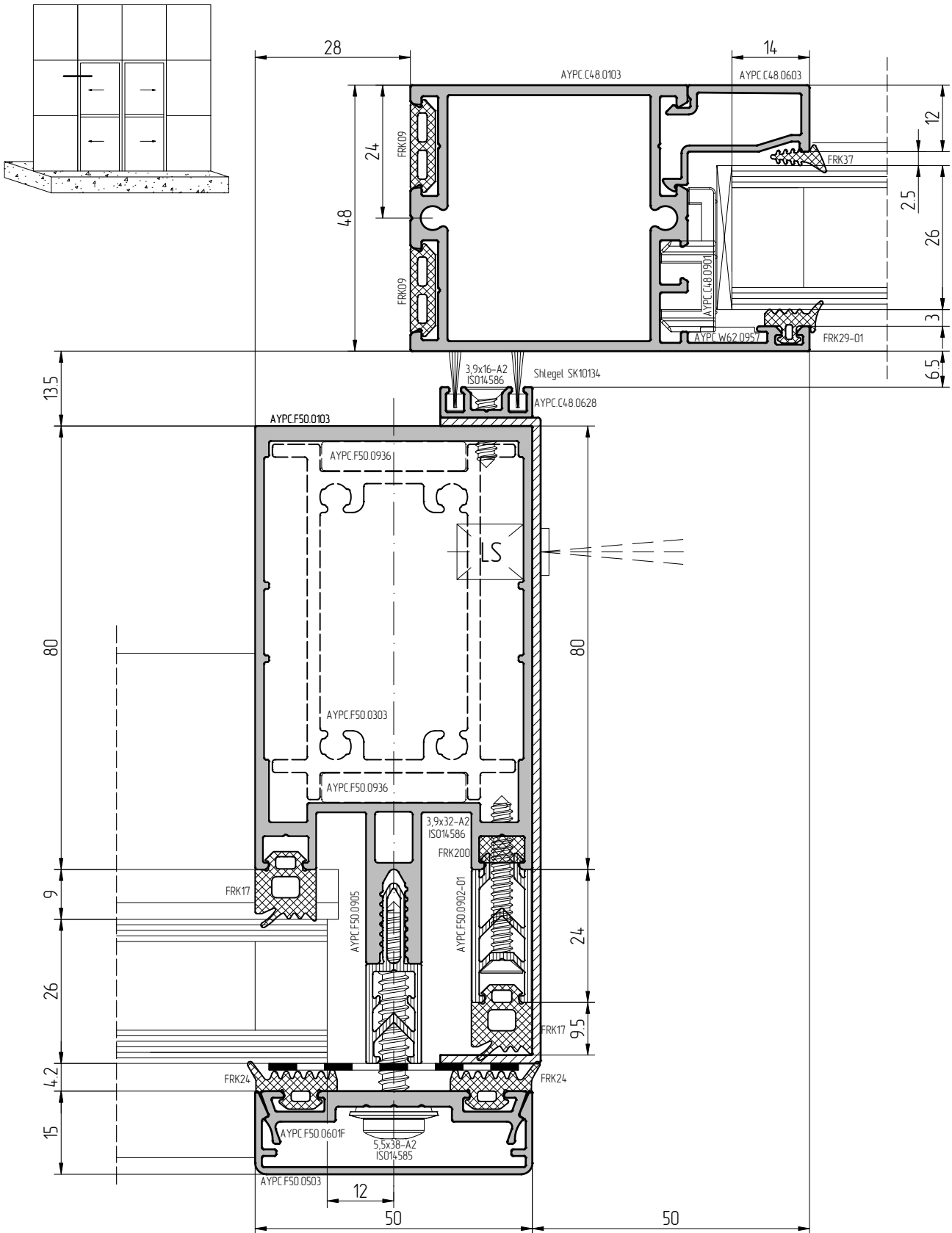


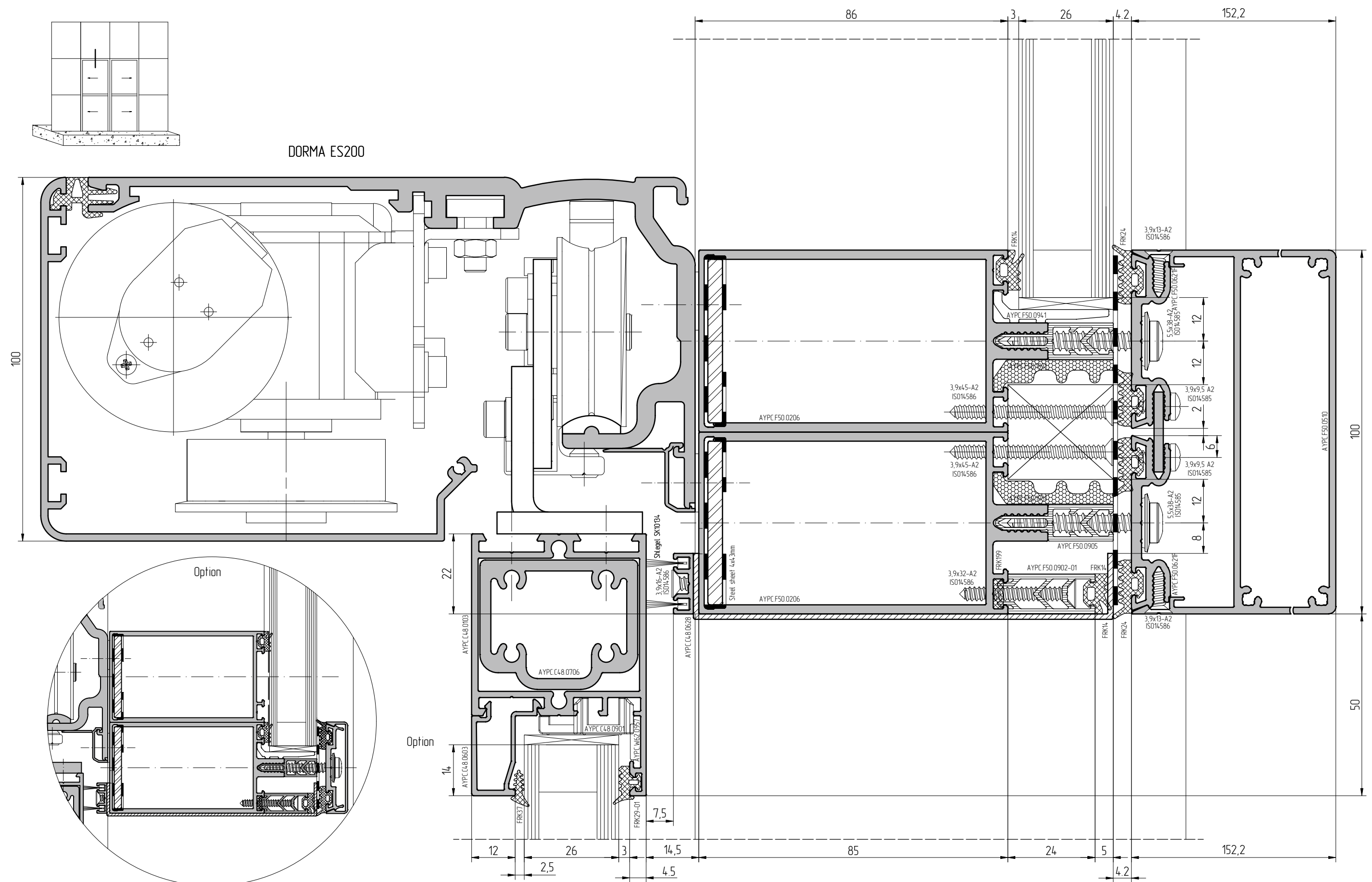
Scale 1:1



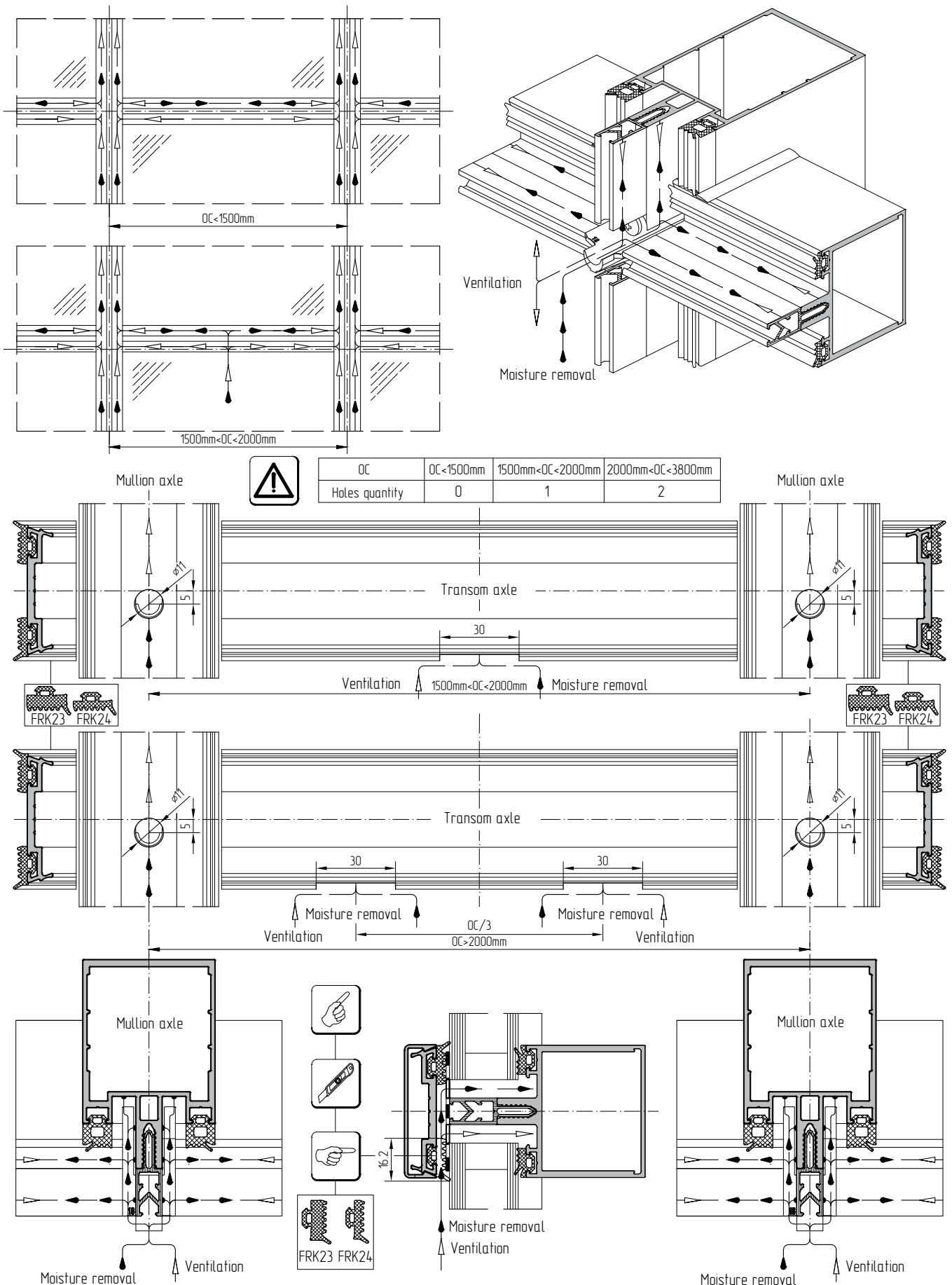
Scale 1:1



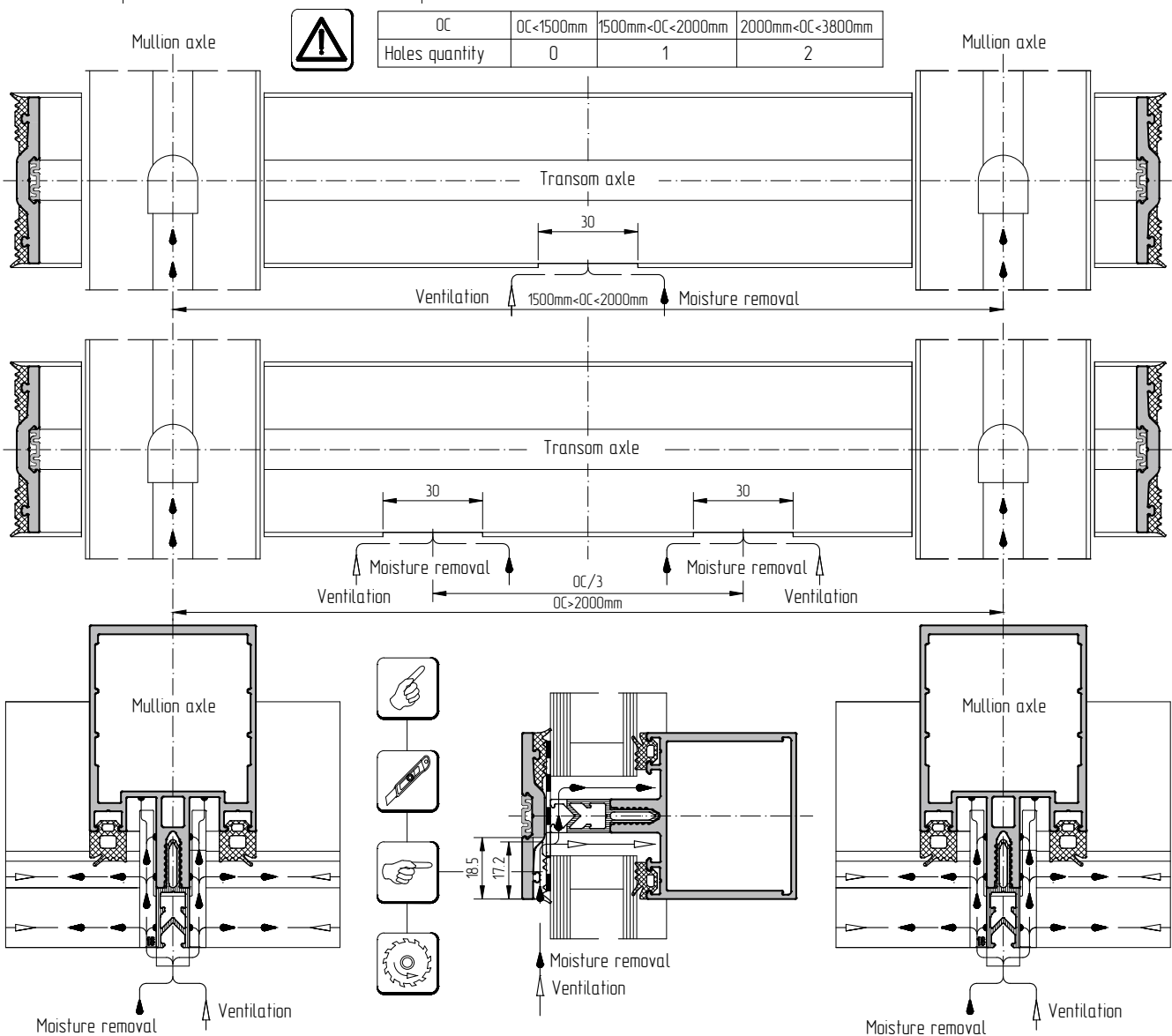
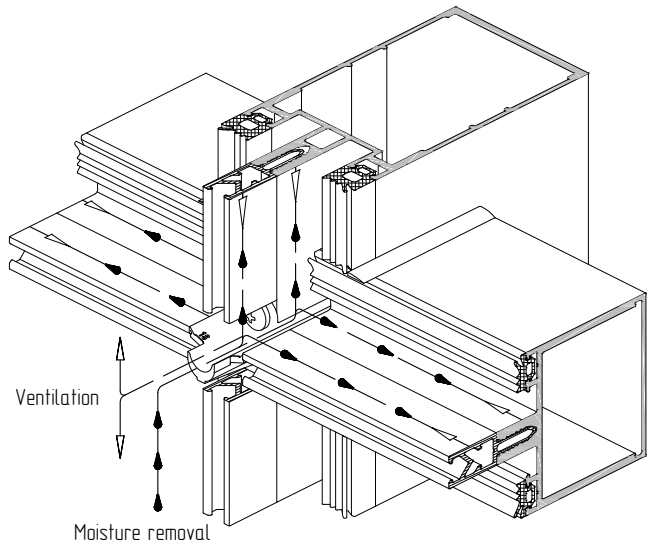
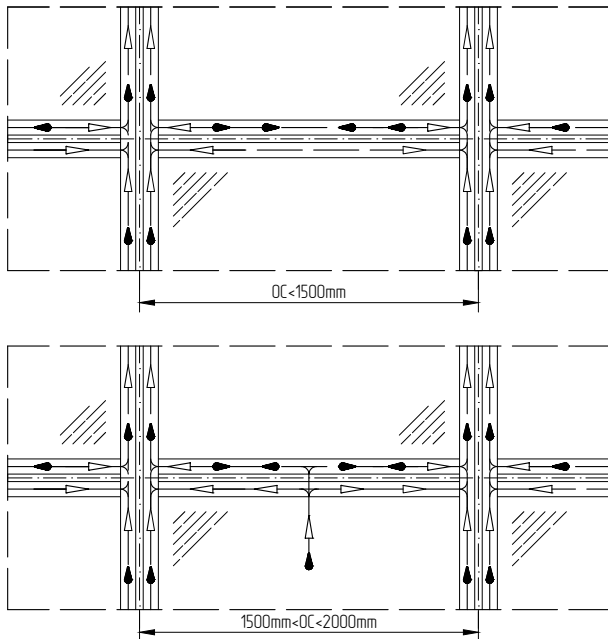




Ventilation and moisture removal from the seam of the glass unit for straight transparent part of the curtain wall



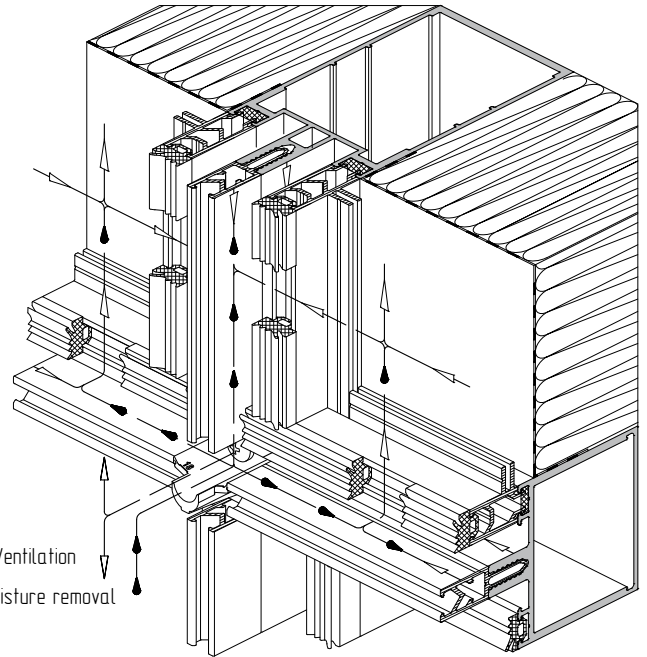
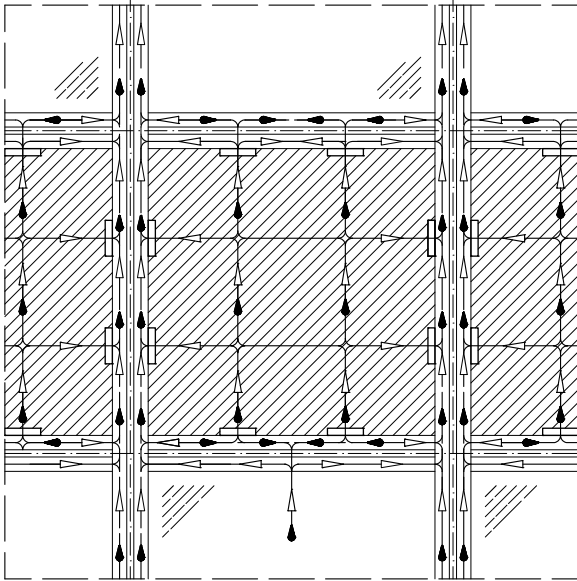
Ventilation and moisture removal from the seam of the glass unit for straight transparent part of the curtain wall



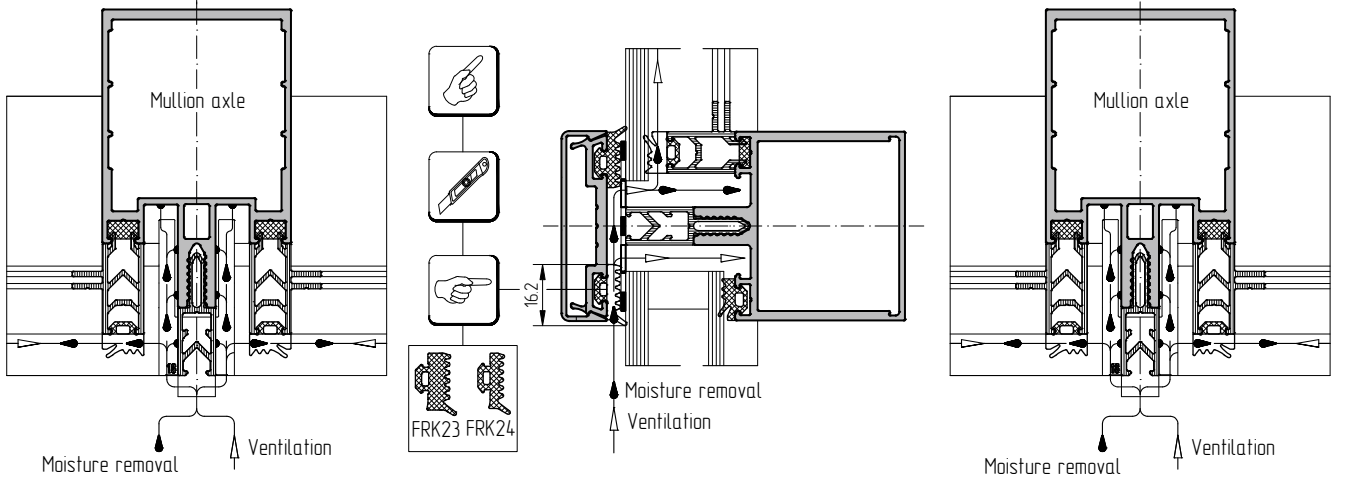
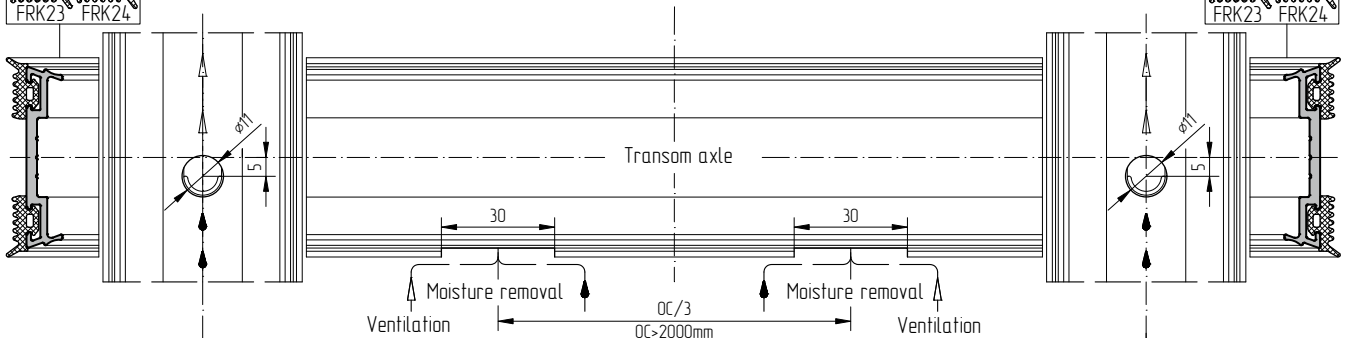
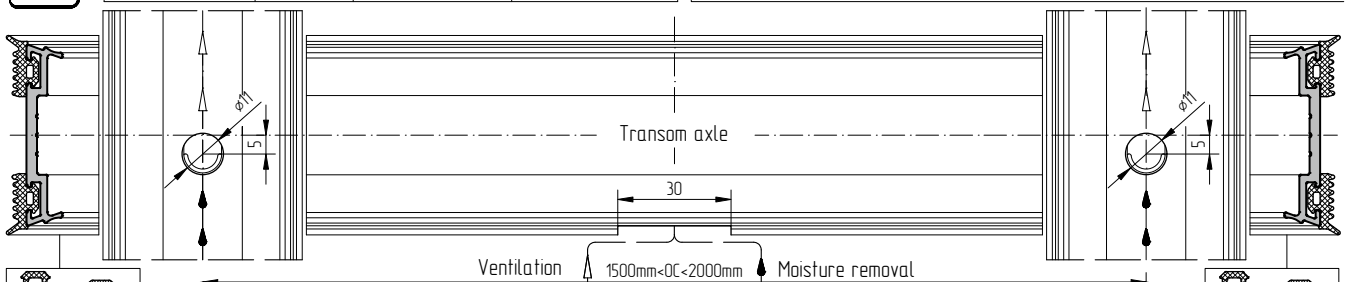
Ventilation and moisture removal from the seam of the glass unit for straight non-transparent part of the curtain wall with vapor seal



For moisture removal and ventilation make 50 mm long cuts at a distance of 225 mm from the mullion and transom axes. The distance between cuts should be 500 mm



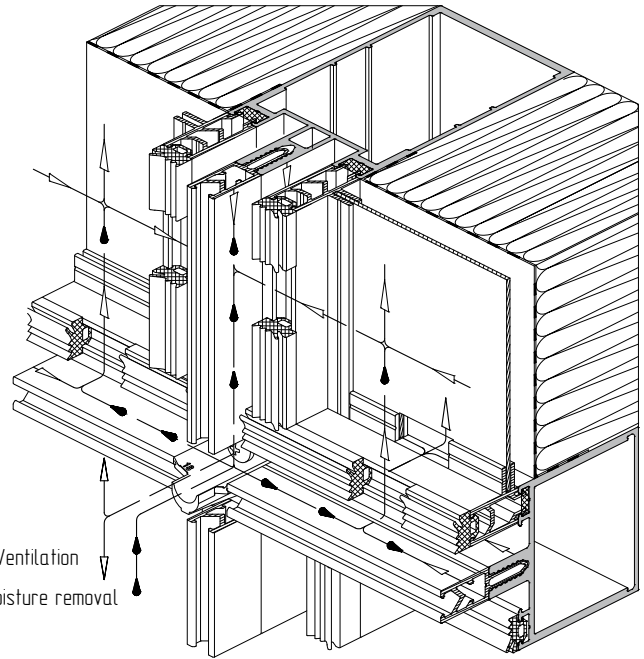
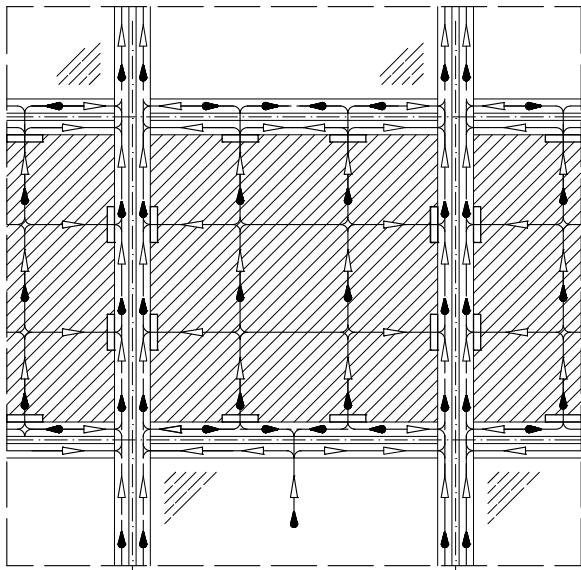
OC	OC<1500mm	1500mm<OC<2000mm	2000mm<OC<3800mm
Holes quantity	0	1	2



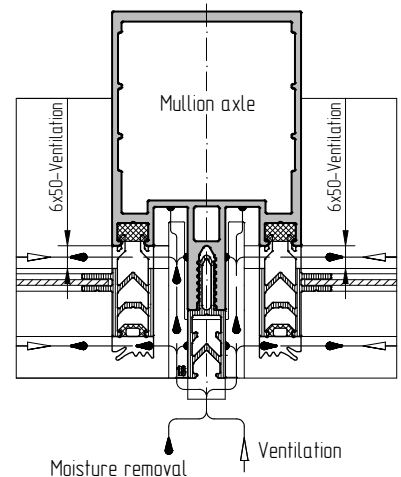
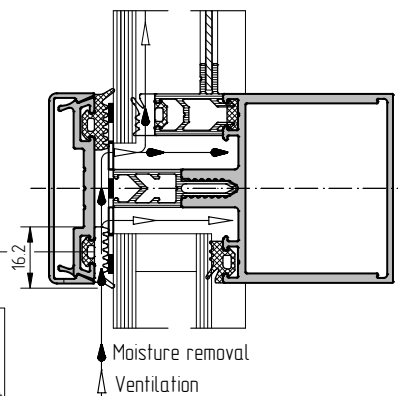
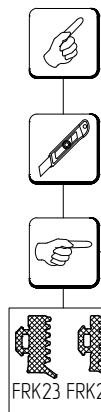
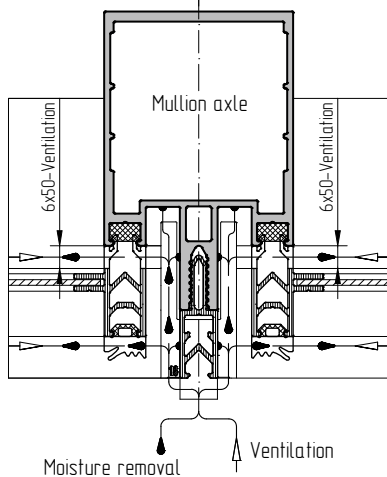
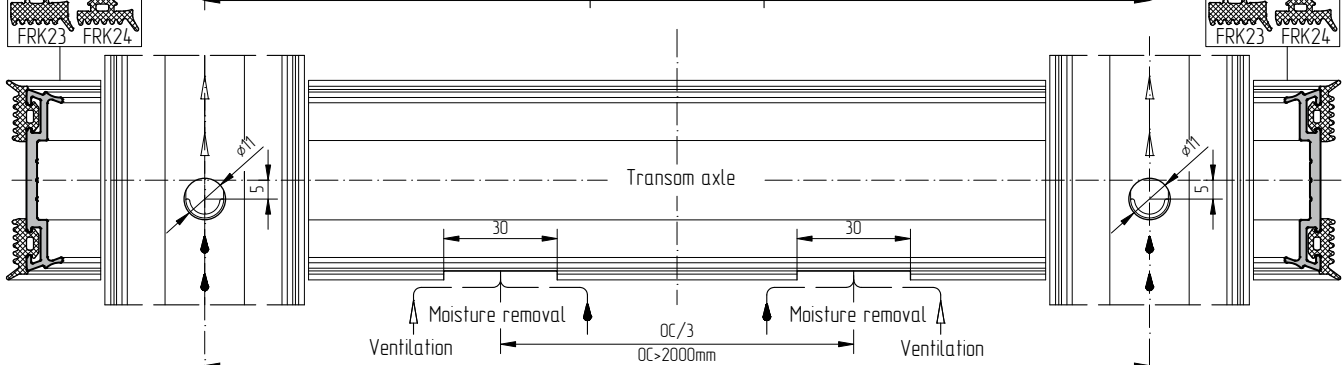
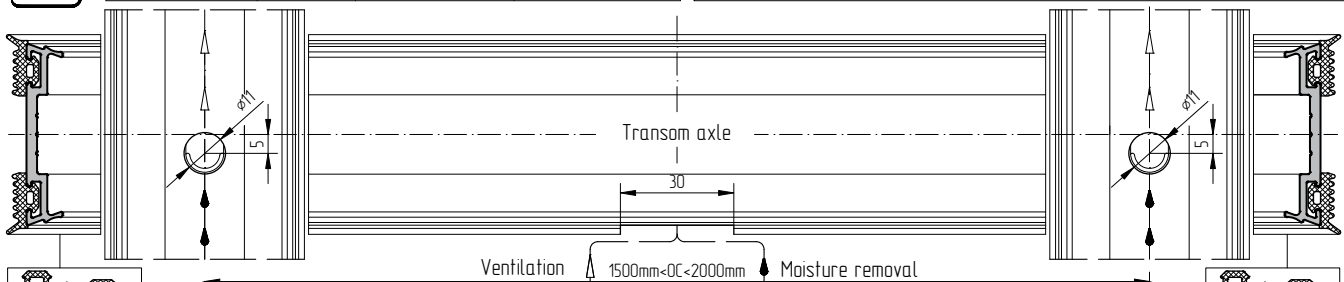
Ventilation and moisture removal from the seam of a glass unit for non-transparent part of facade with vapor seal and 15 mm aluminium sheet



For moisture removal and ventilation make 50 mm long cuts at a distance of 225 mm from the mullion and transom axes. The distance between cuts should be 500 mm



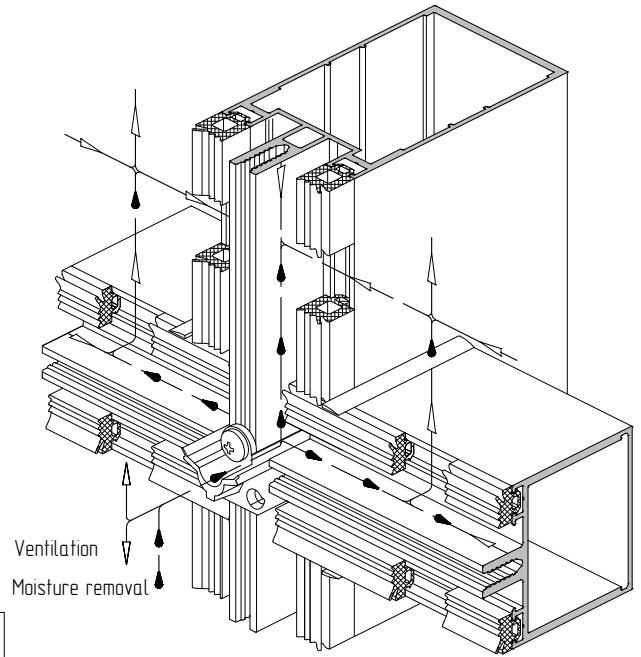
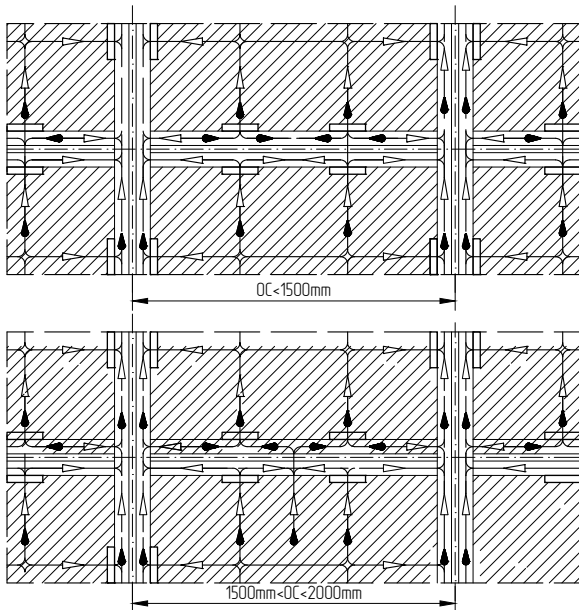
OC	OC < 1500mm	1500mm < OC < 2000mm	2000mm < OC < 3800mm
Holes quantity	0	1	2



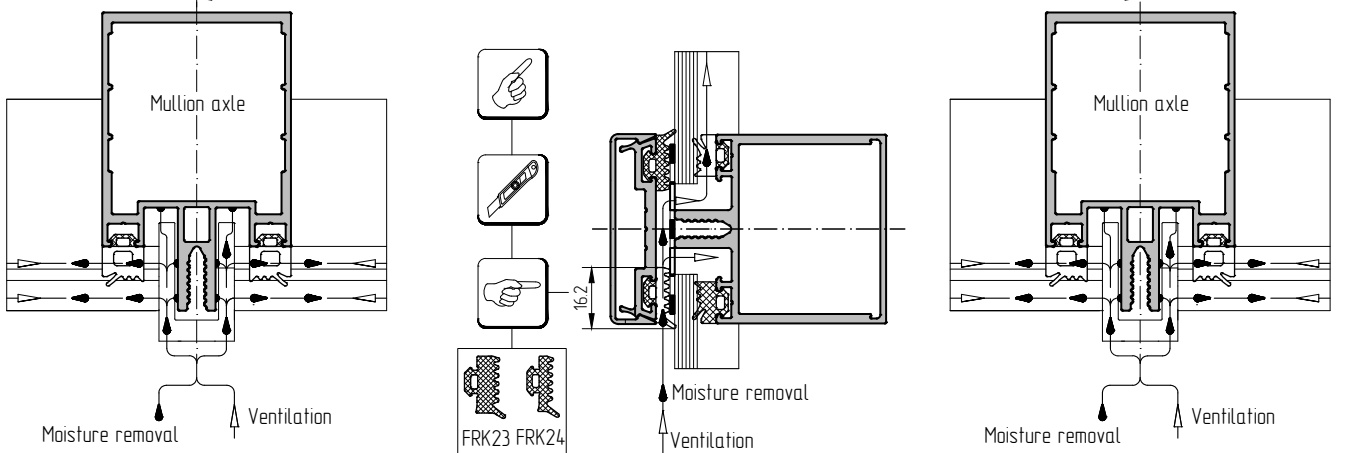
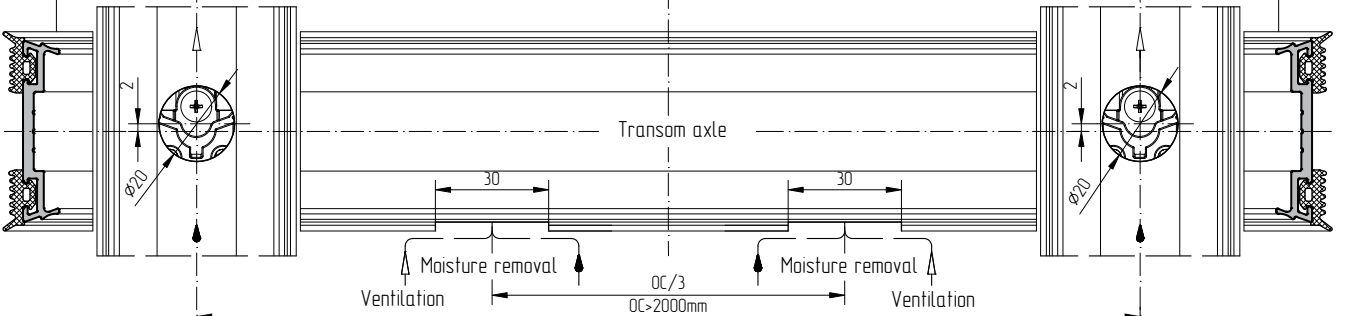
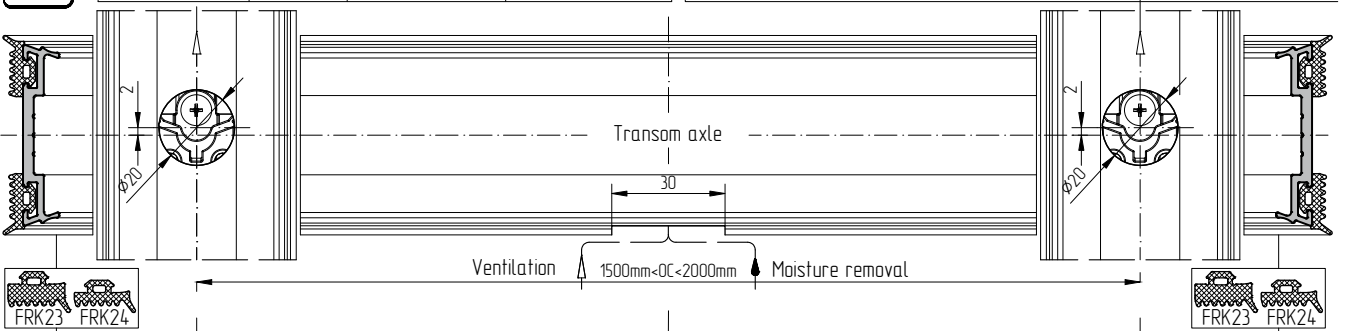
Ventilation and moisture removal from the seam glass unit for straight non-transparent part of the facade



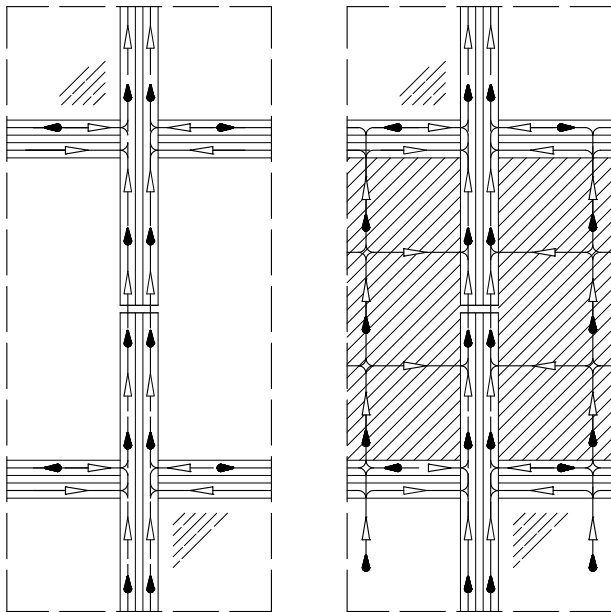
For moisture removal and ventilation make 50 mm long cuts at a distance of 225 mm from the mullion and transom axes. The distance between cuts should be 500 mm




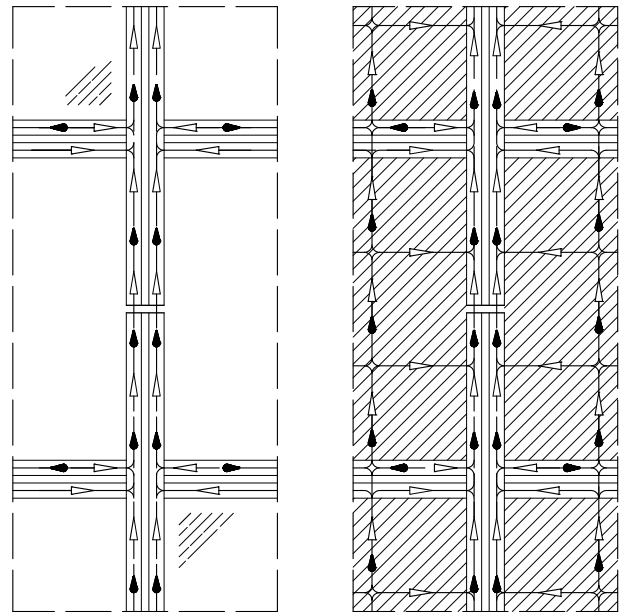
OC	OC < 1500mm	1500mm < OC < 2000mm	2000mm < OC < 3800mm
Holes quantity	0	1	2




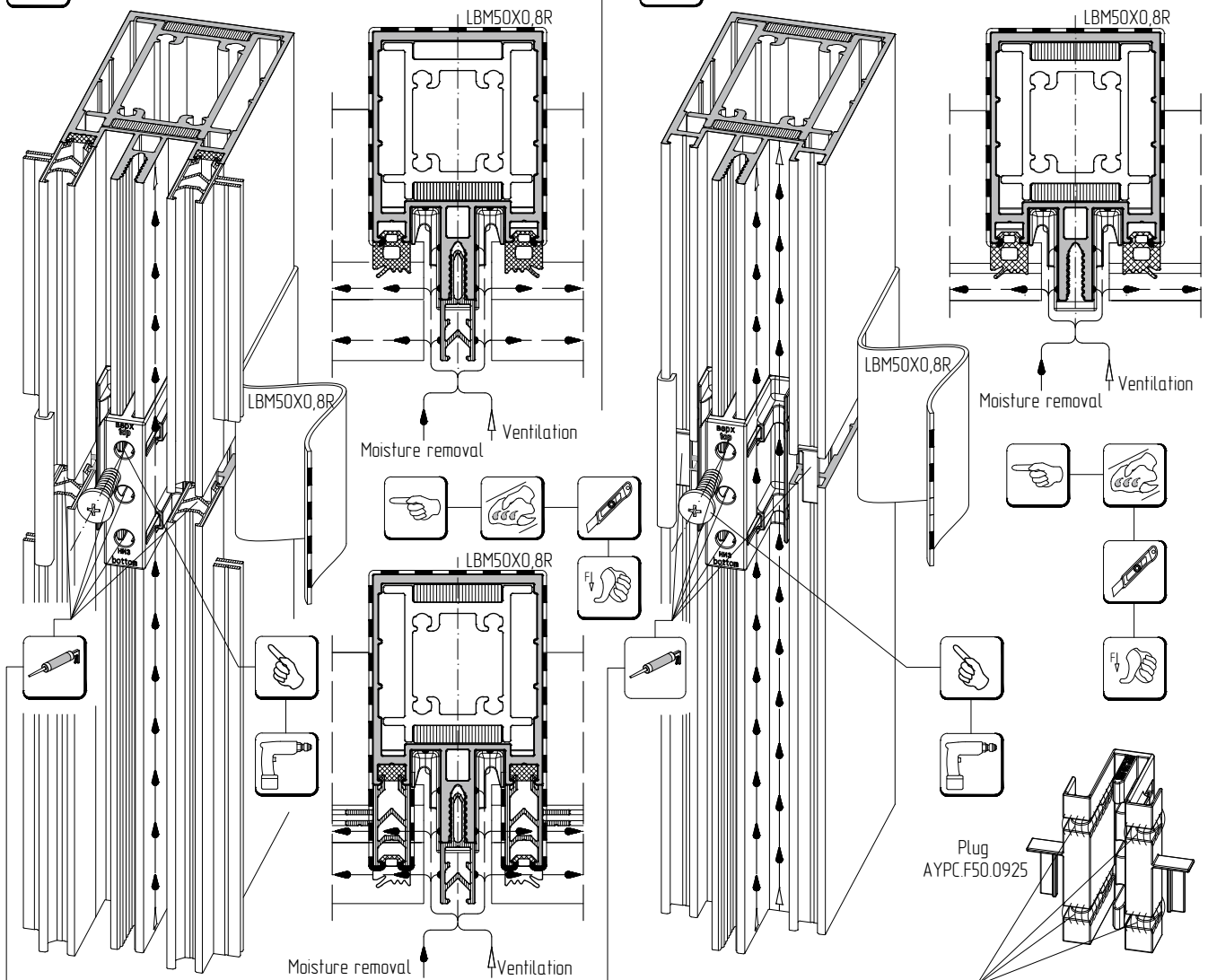
Ventilation and moisture removal from the seam of a glass unit for straight transparent and non-transparent part of the curtain wall



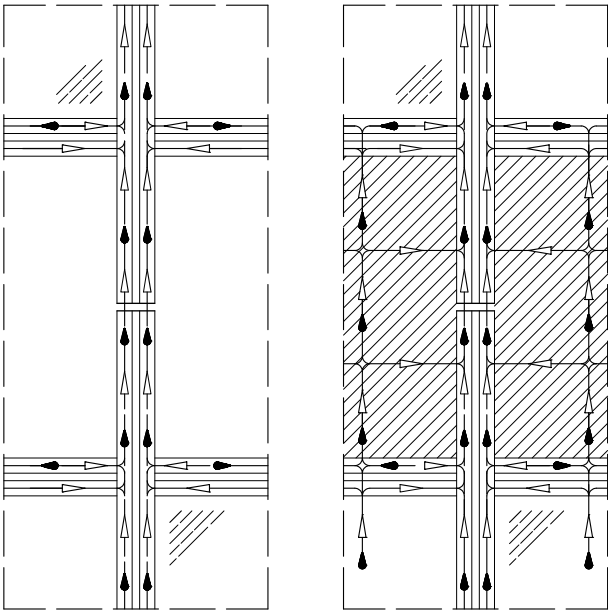
 Moisture removal and air circulation is performed through zone of mullions connection with the use of thermal breaks (warm facade)




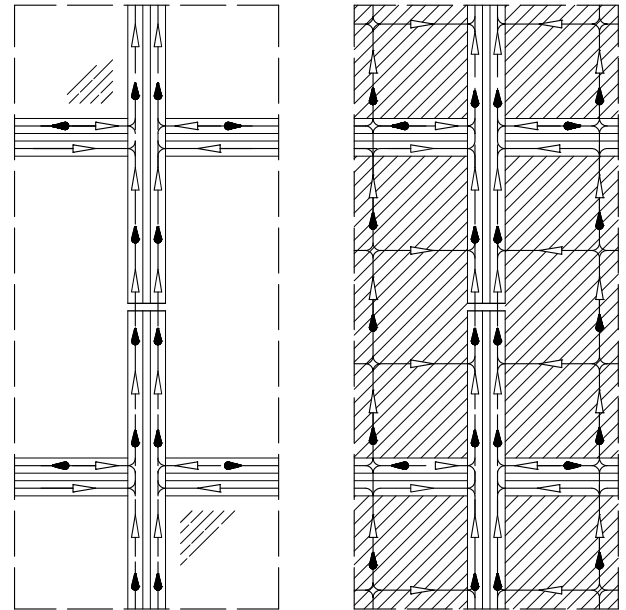
 Moisture removal and air circulation is performed through zone of mullion connection without thermal breaks (cold facade)




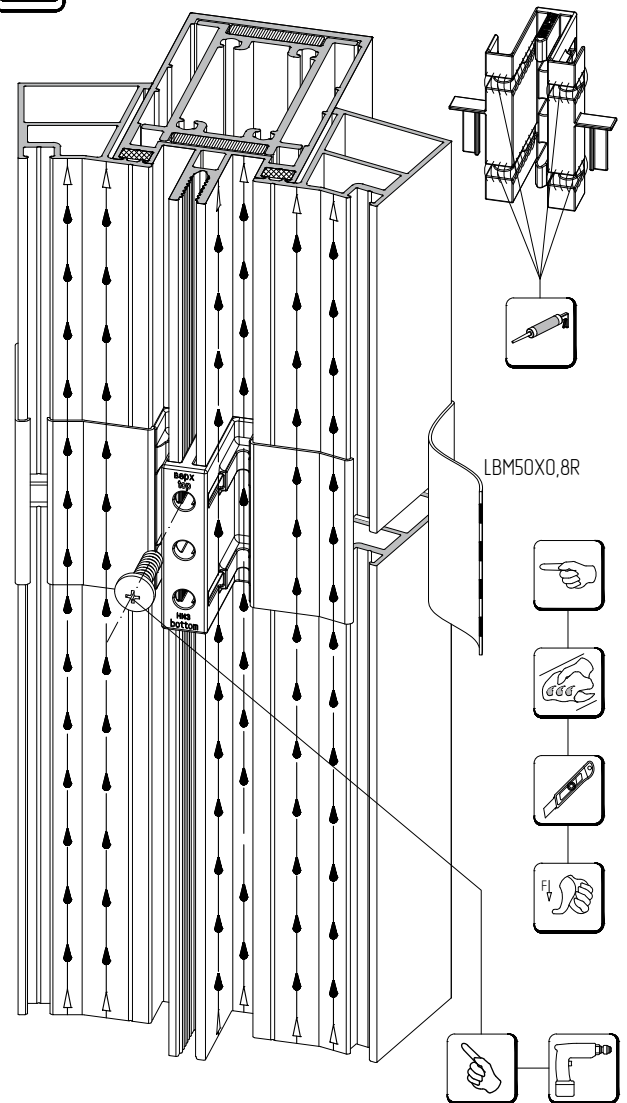
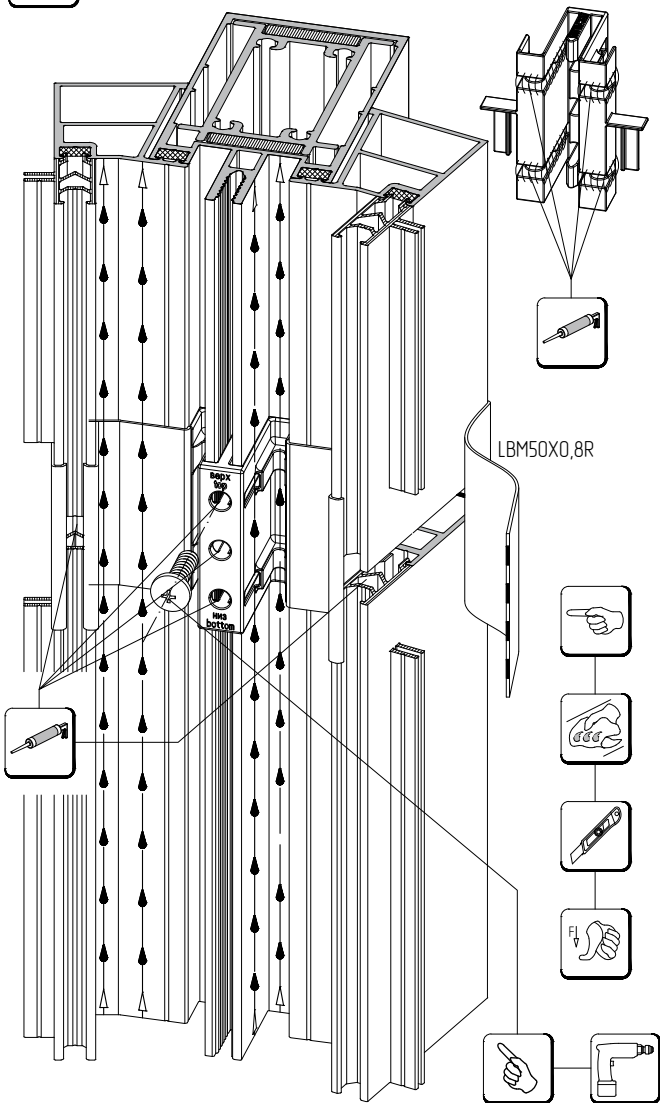
Ventilation and moisture removal from the seam of a glass unit for straight transparent and non-transparent part of the curtain wall



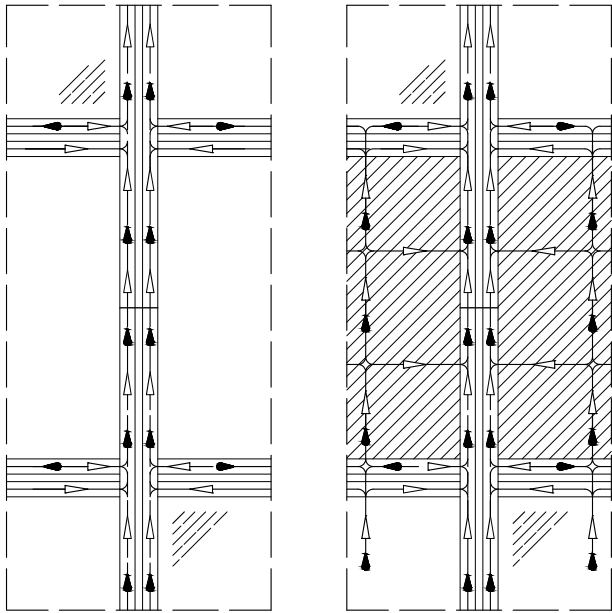
 Moisture removal and air circulation is performed through zone of mullions connection with the use of thermal breaks (warm facade)



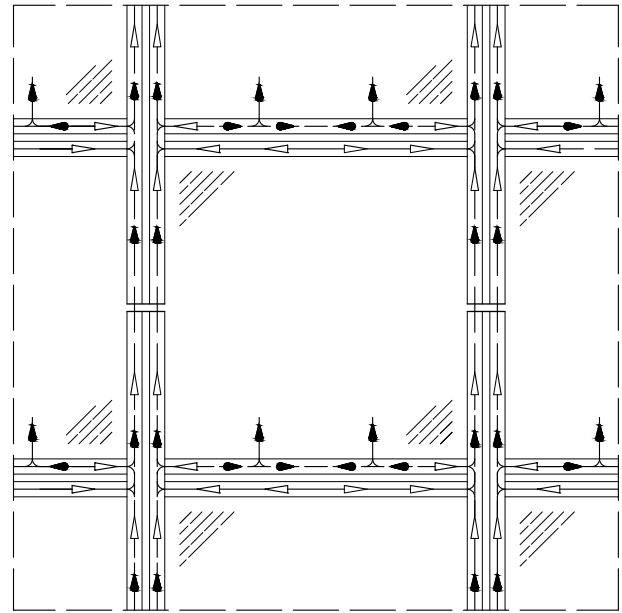
 Moisture removal and air circulation is performed through zone of mullion connection without thermal breaks (cold facade)



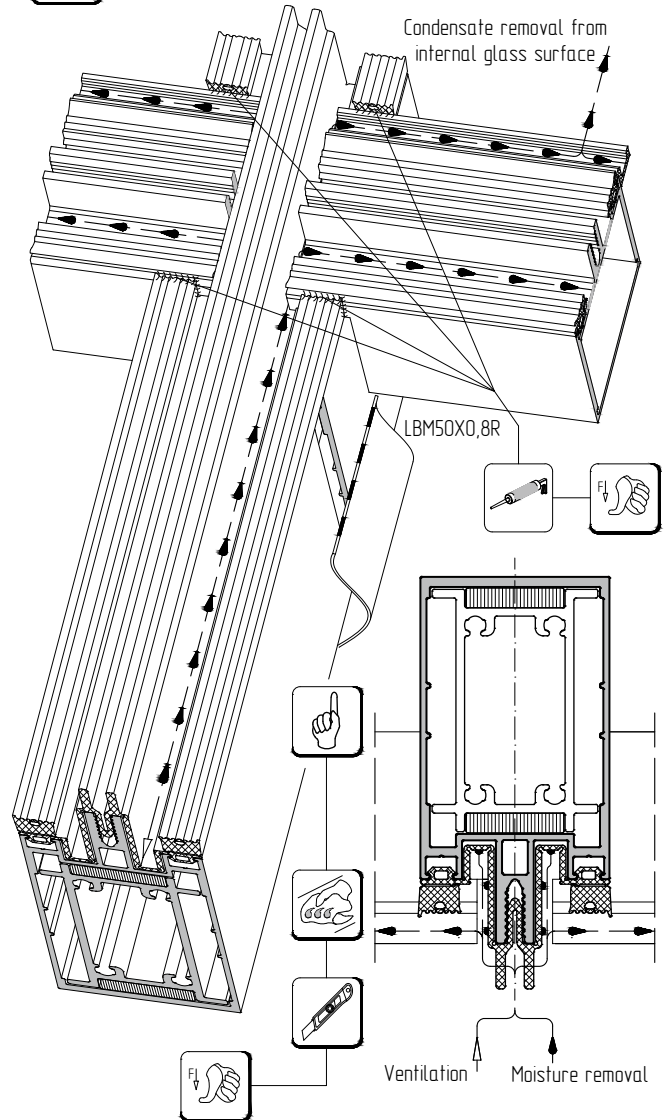
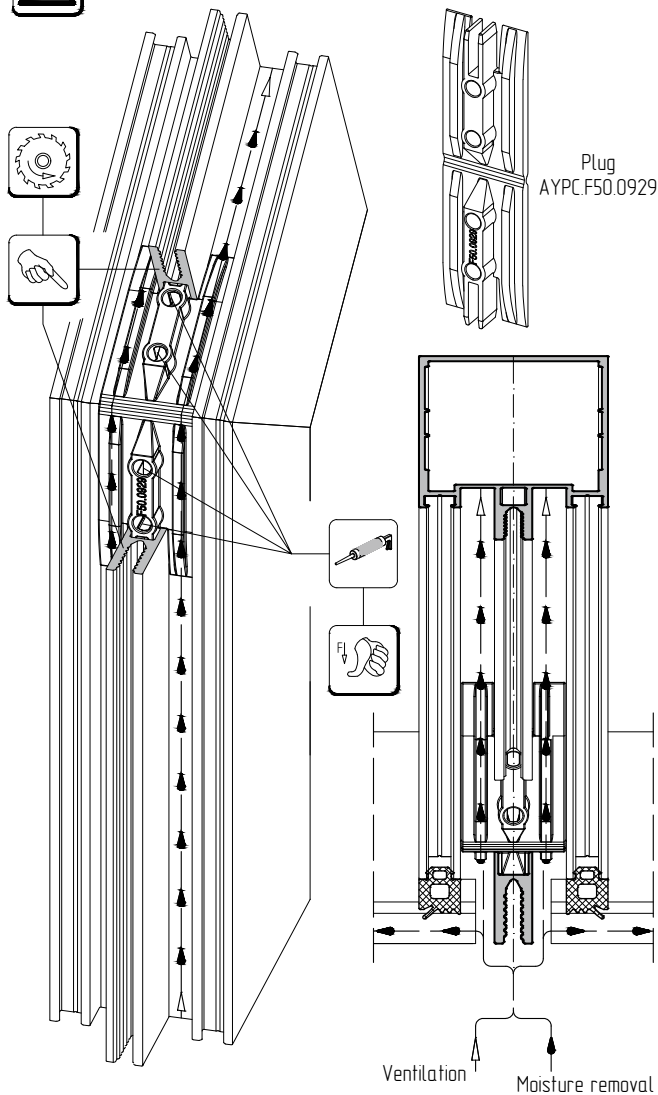
Ventilation and moisture removal from the seam of a glass unit for inclined transparent part of the facade



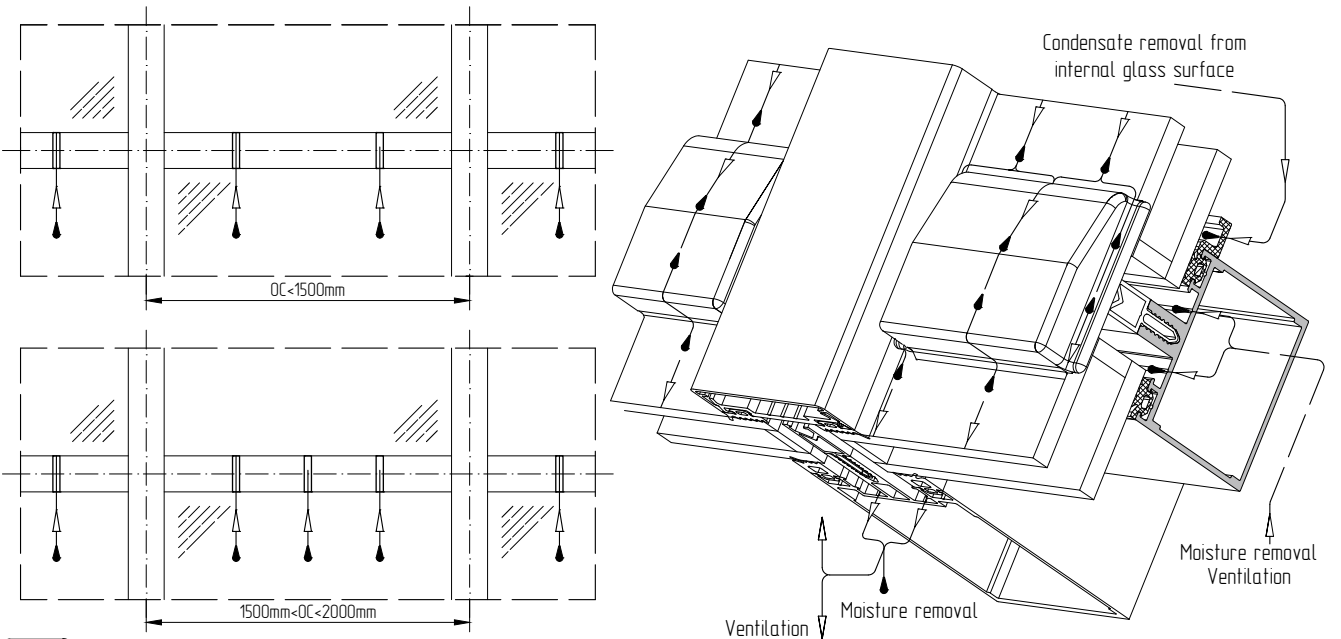
Moisture removal and air circulation is performed through zone of mullions connection on its break in transparent part of facade



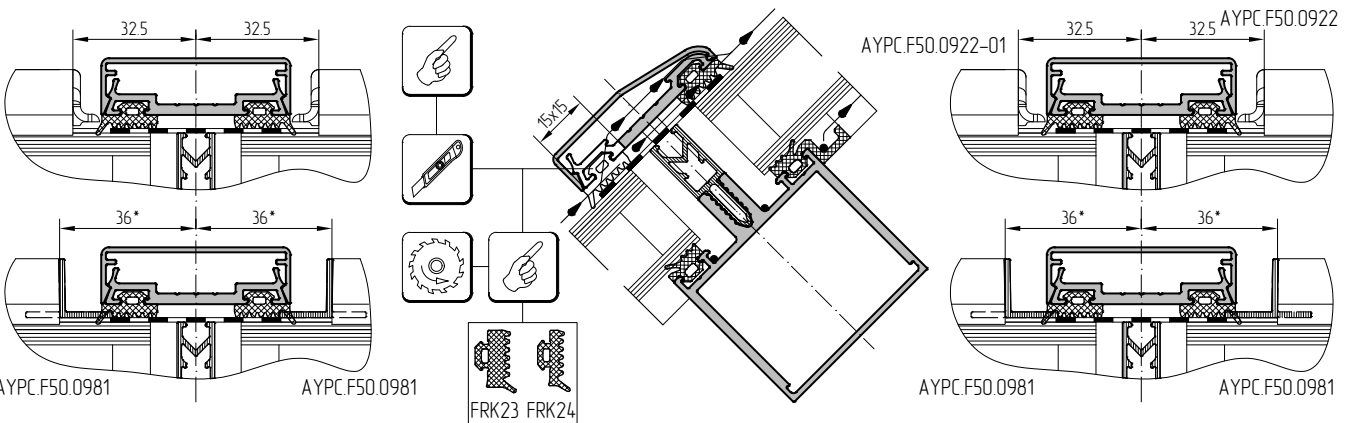
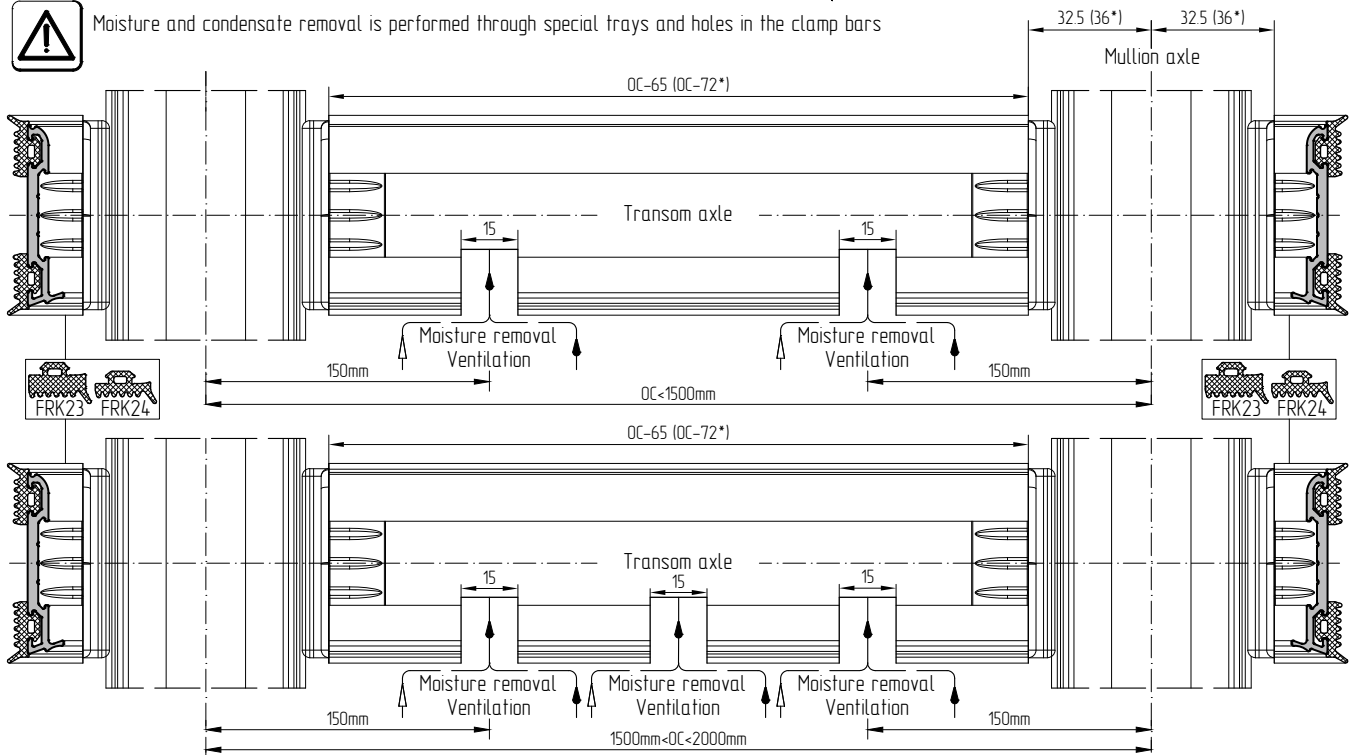
Moisture removal and air circulation is performed through zone of mullions connection on inclined facade surface

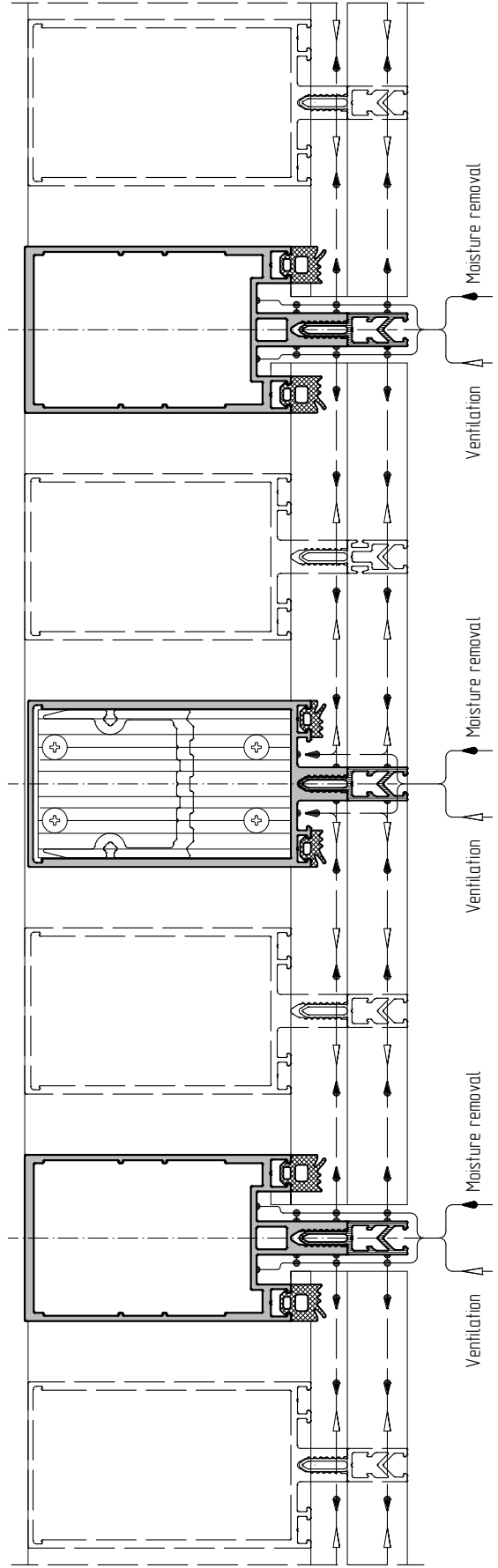
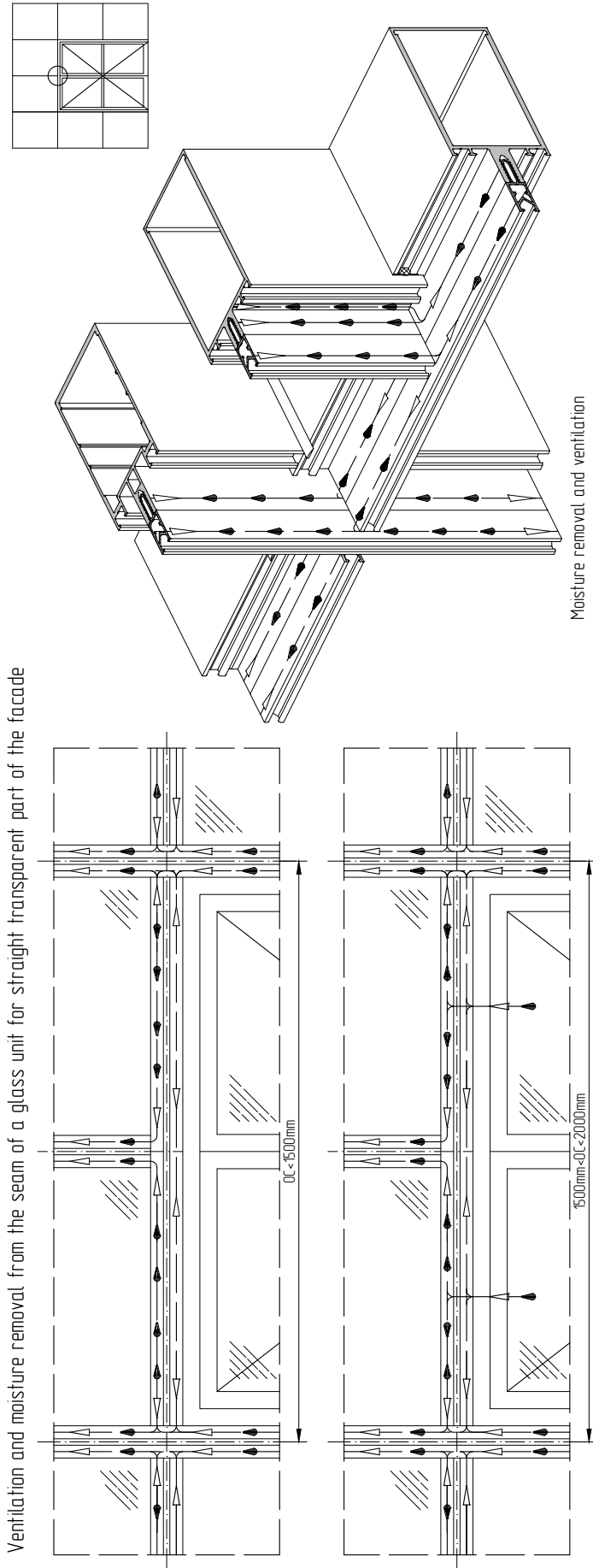


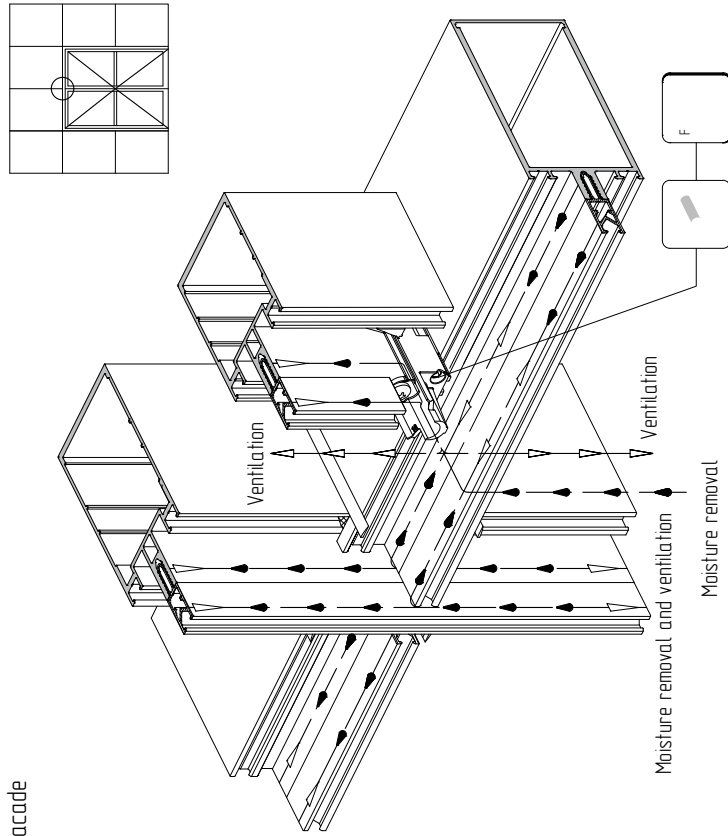
Ventilation and moisture removal from inclined transparent part of the facade



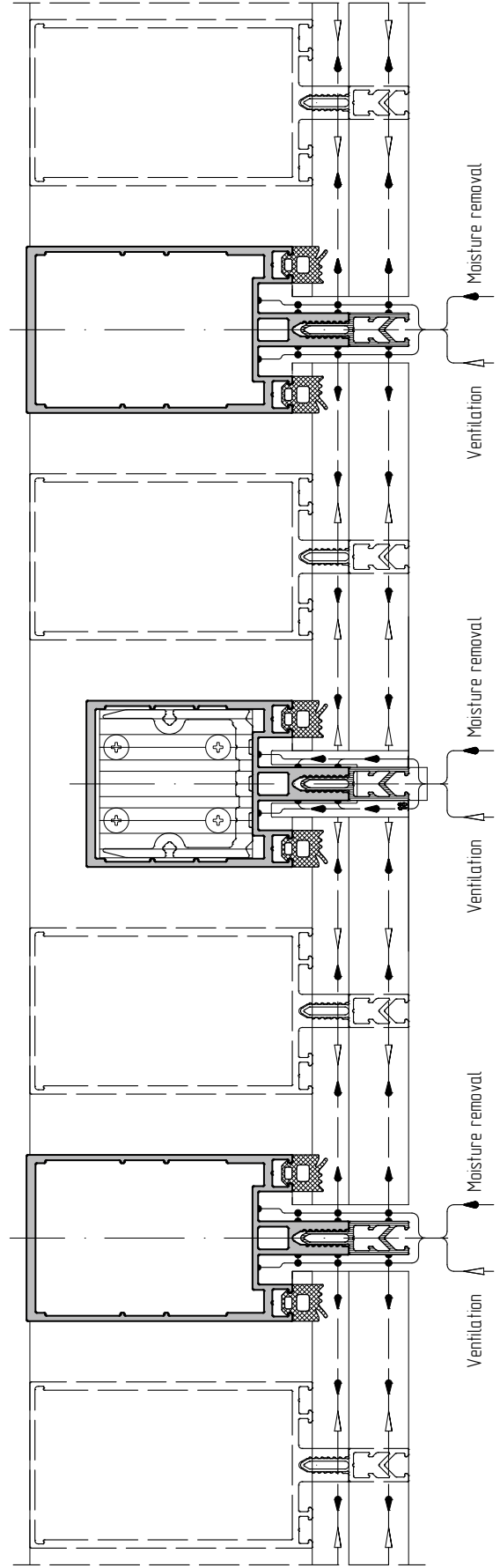
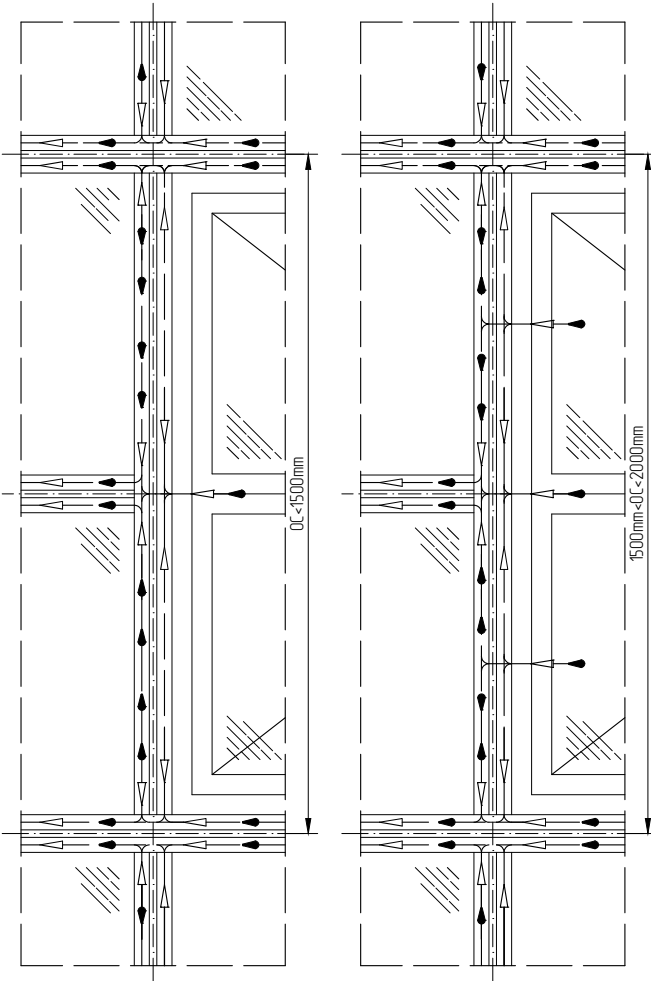
Moisture and condensate removal is performed through special trays and holes in the clamp bars



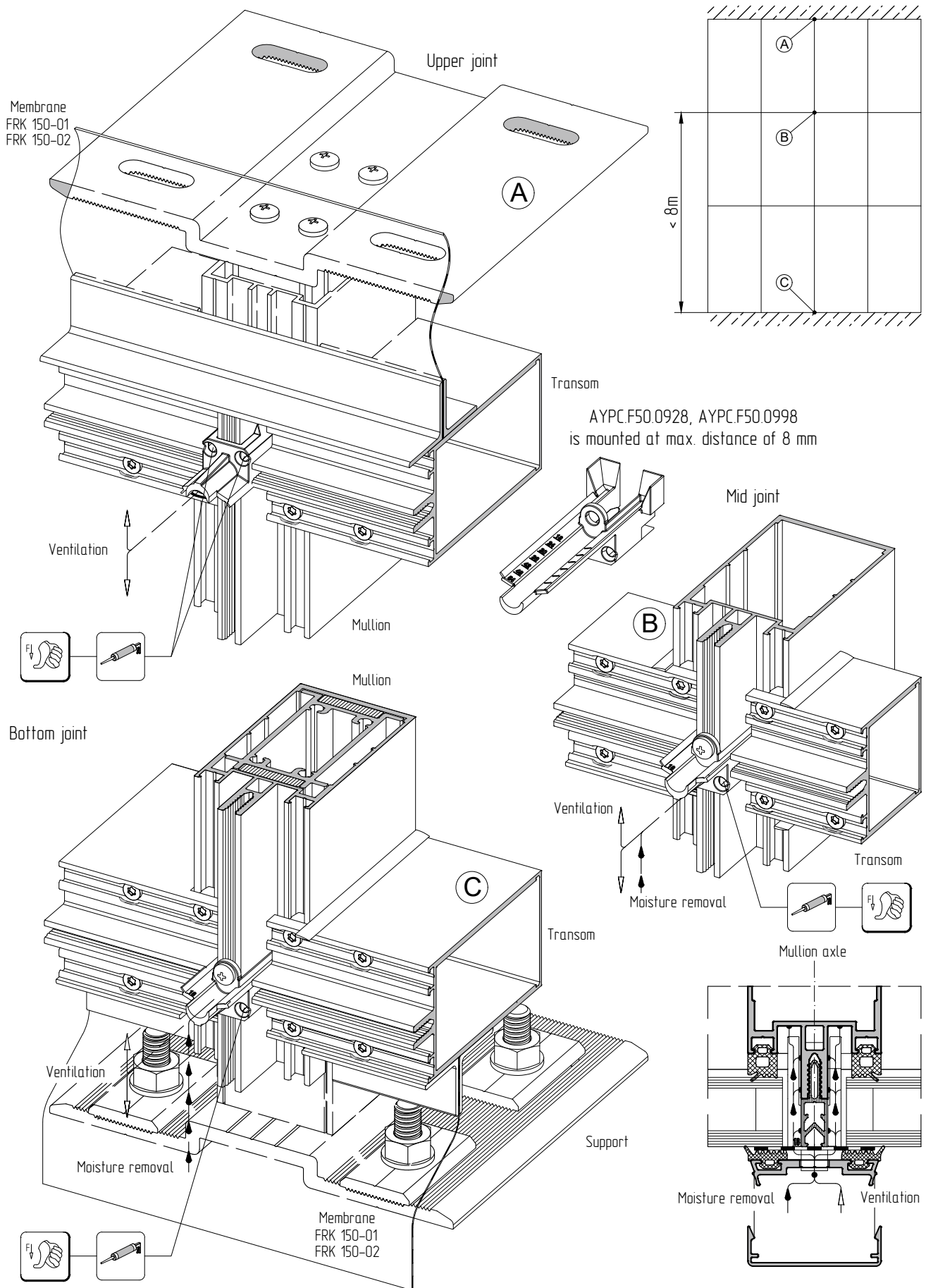




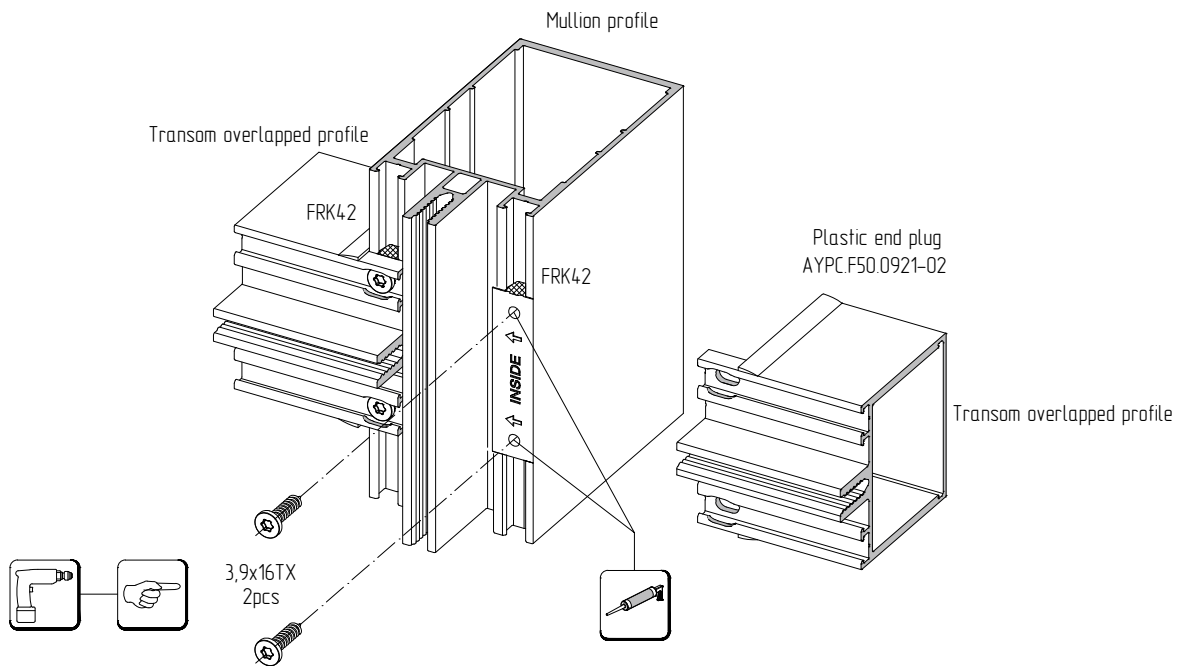
Ventilation and moisture removal from the seam of a glass unit for straight transparent part of the facade



Moisture removal and vapor leveling in glass unit seam zone for straight part of the facade



Connection of mullion profiles and transom overlapped profiles without a joining element

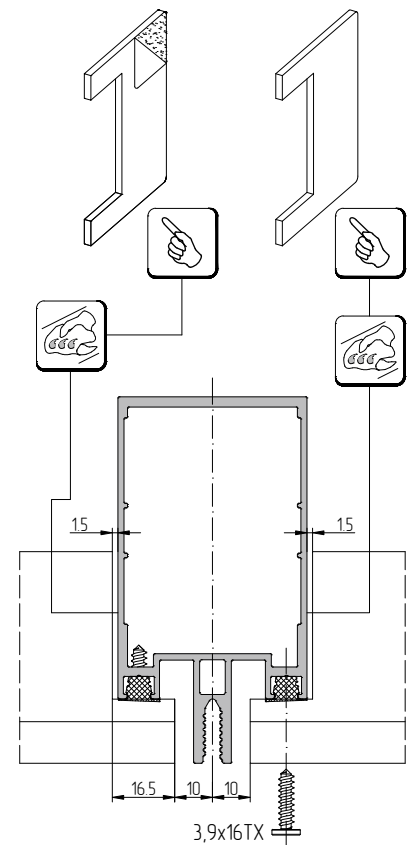
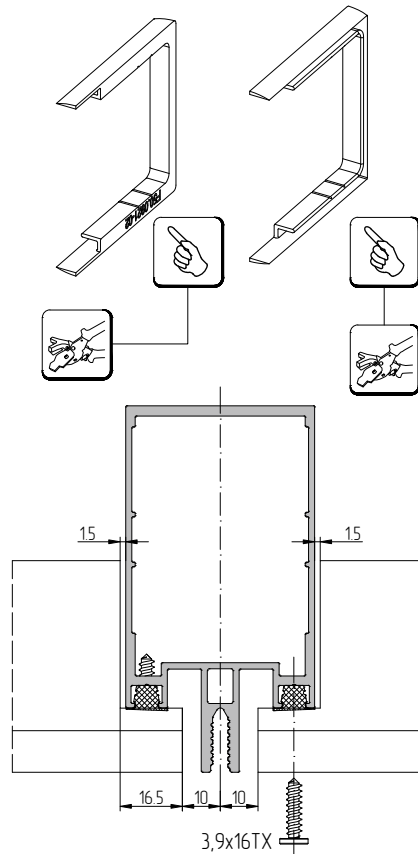
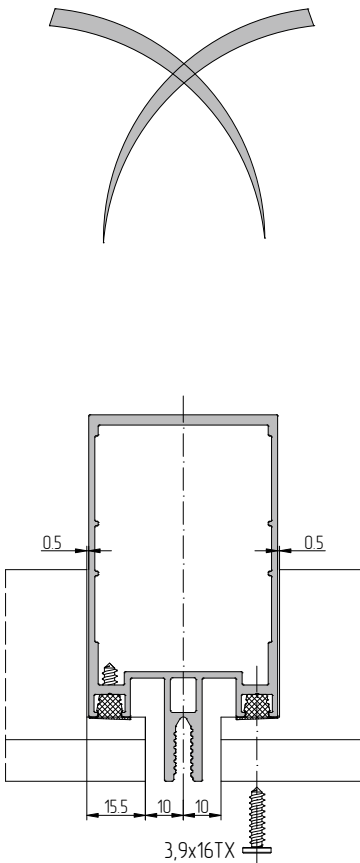


Option A AluPro - BH-01/A
Without end plugs installation

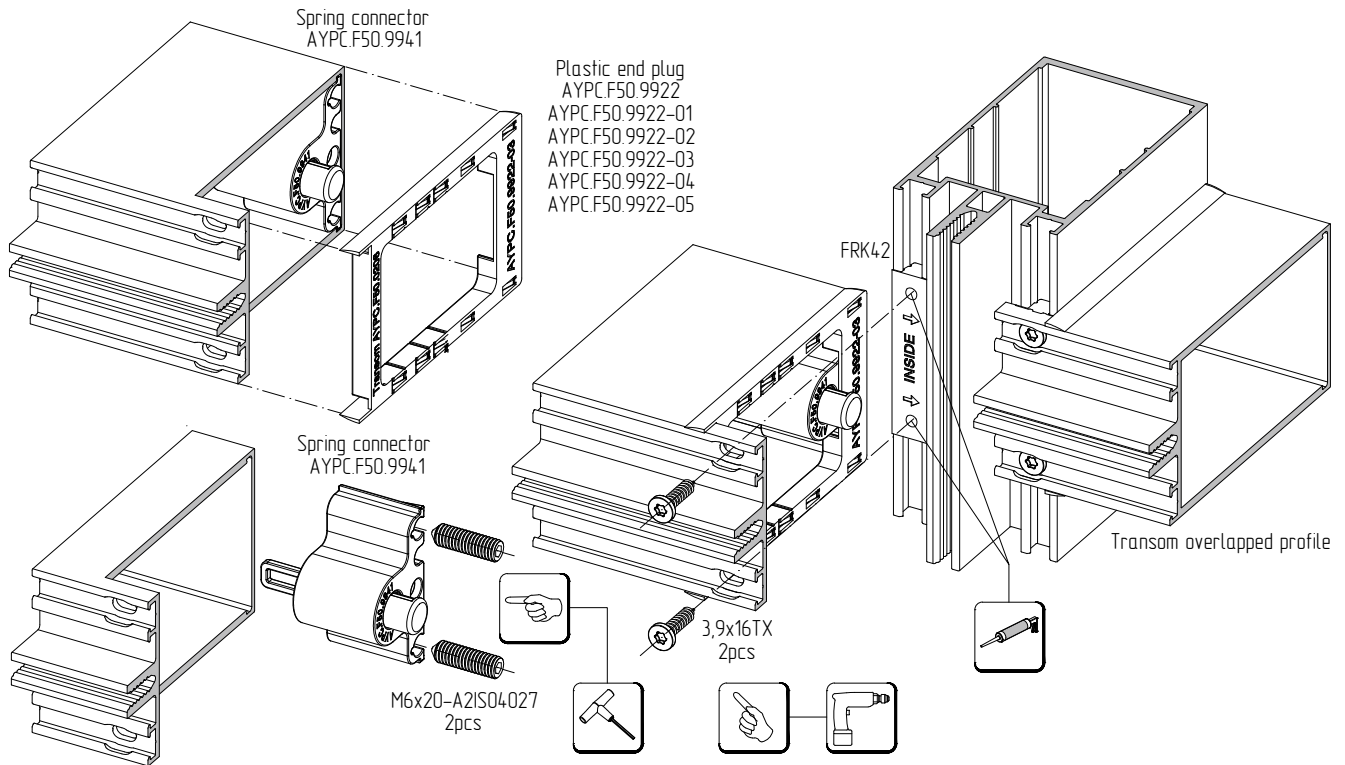
Option B AluPro - BH-01/B
With plastic end plugs installation
AYPC.F50.0921-02

Option C AluPro - BH-01/C
With soft rubber end plugs installation

AYPC.F50.9921	AYPC.F50.9921-01	AYPC.F50.9921-02
AYPC.F50.9921-03	AYPC.F50.9921-04	AYPC.F50.9921-05
AYPC.F50.9921-06	AYPC.F50.9921-07	AYPC.F50.9921-08
AYPC.F50.9921-09		



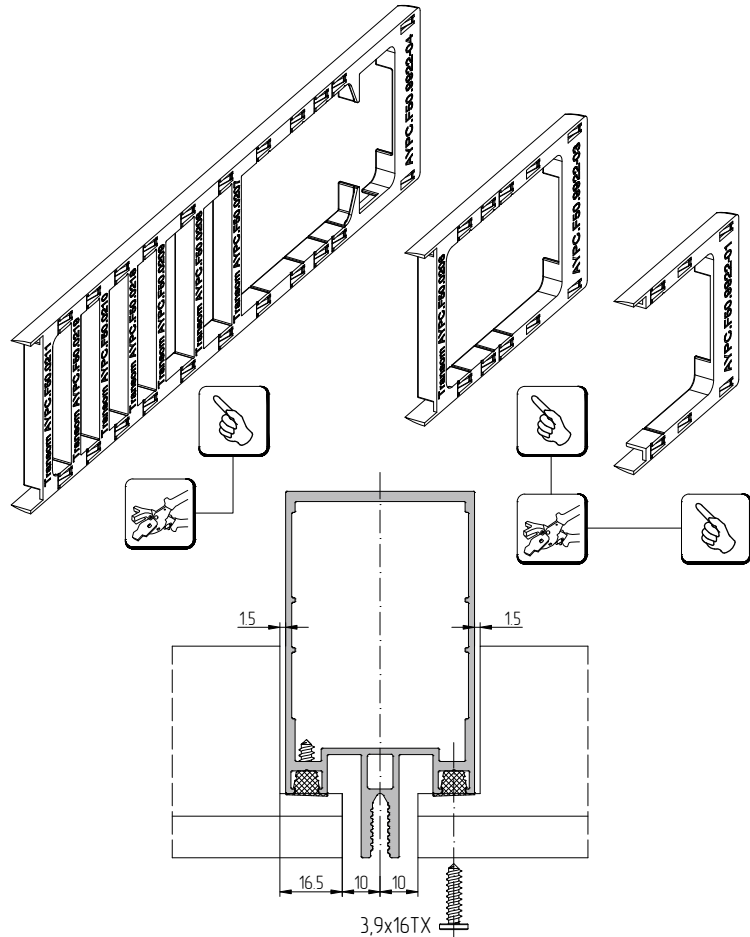
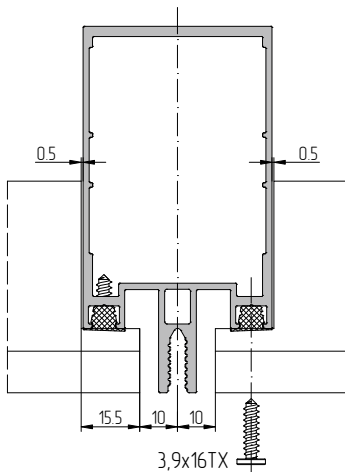
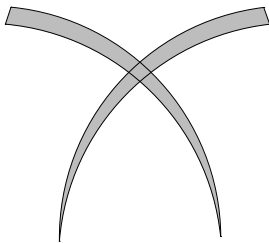
Connection of mullion profiles and transom overlapped profiles with the use of spring connector AYPC.F50.9941



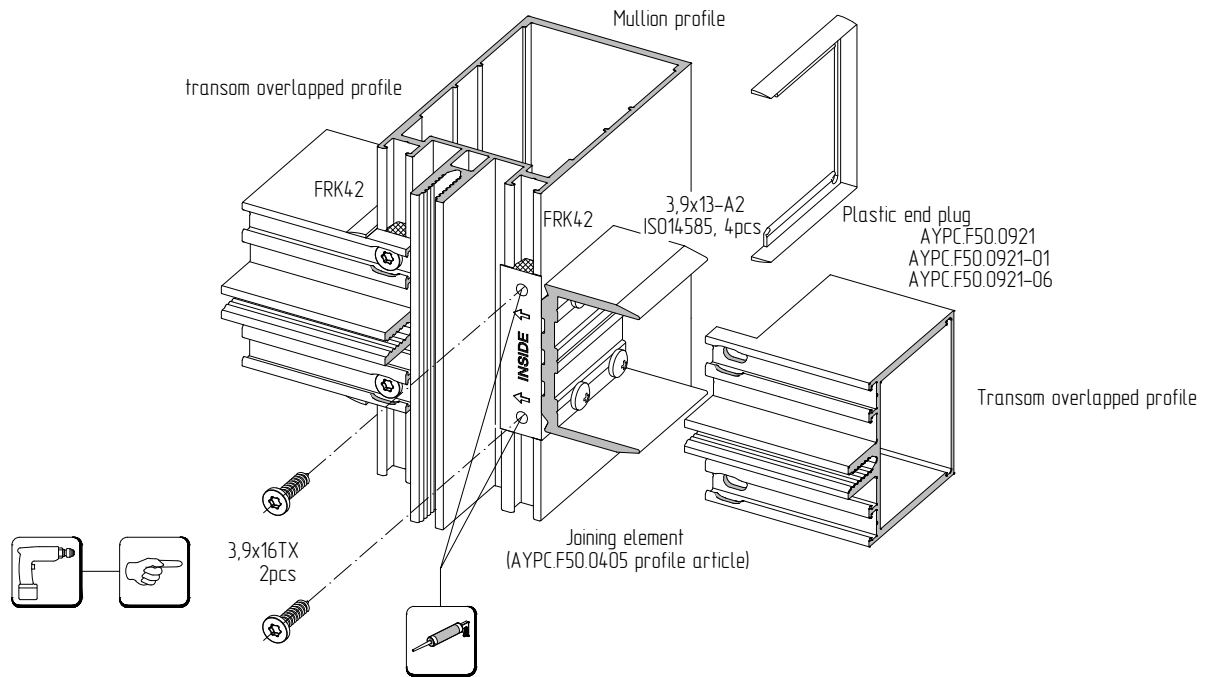
Option A AluPro - BH-02/A
Without end plugs installation

Option B AluPro - BH-02/B
With plastic end plugs installation

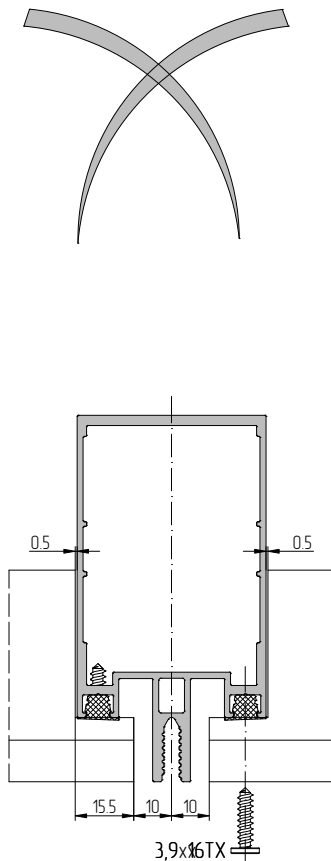
AYPC.F50.9922	AYPC.F50.9922-01	AYPC.F50.9922-02	AYPC.F50.9922-03	AYPC.F50.9922-04	AYPC.F50.9922-05
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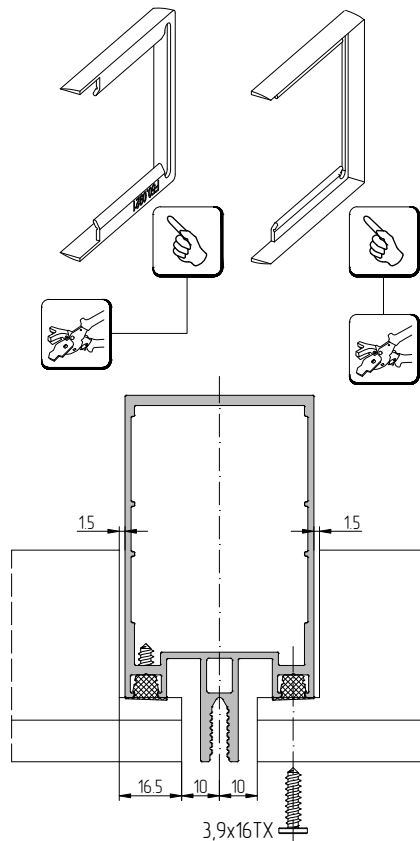
Connection of mullion profiles and transom overlapped profiles with the use of one joining element



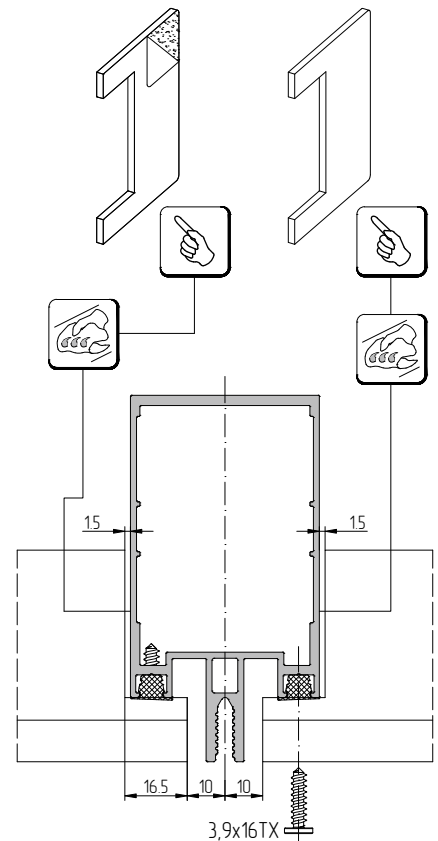
Option A Without end plug installation



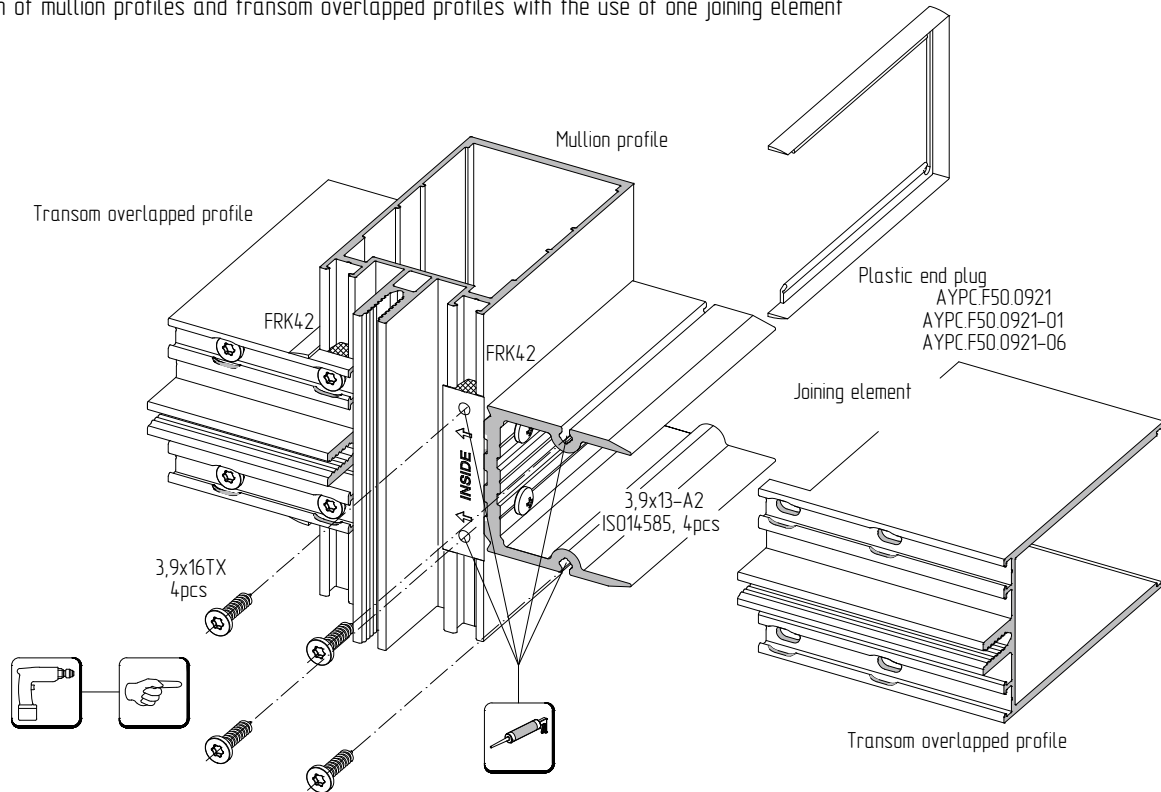
Option B With plastic end plug installation
AYPC.F50.0921 AYPC.F50.0921-01 AYPC.F50.0921-06



Option C With soft rubber end plug installation
AYPC.F50.9921 AYPC.F50.9921-01 AYPC.F50.9921-02
AYPC.F50.9921-03 AYPC.F50.9921-04 AYPC.F50.9921-05
AYPC.F50.9921-06 AYPC.F50.9921-07 AYPC.F50.9921-08
AYPC.F50.9921-09



Connection of mullion profiles and transom overlapped profiles with the use of one joining element

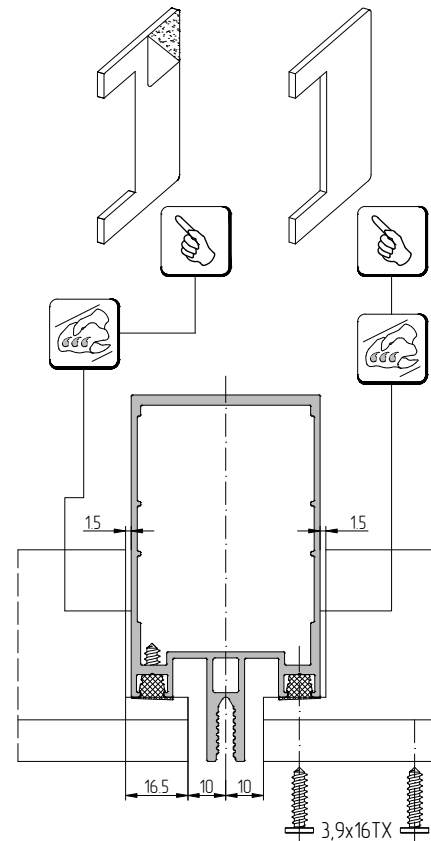
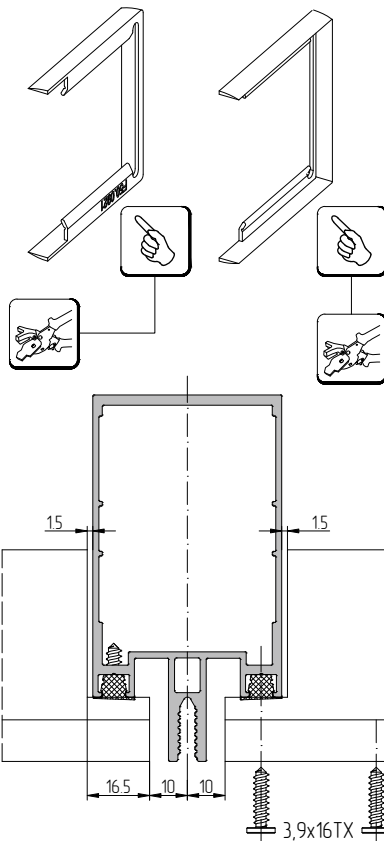
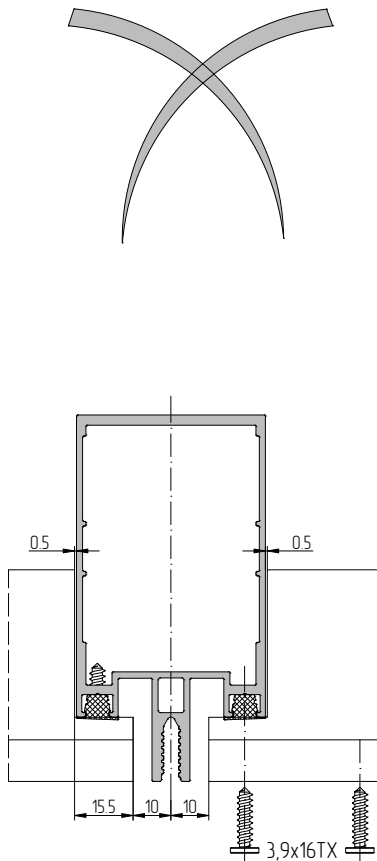


Option A | AluPro - BH-06/A
Without end plugs installation

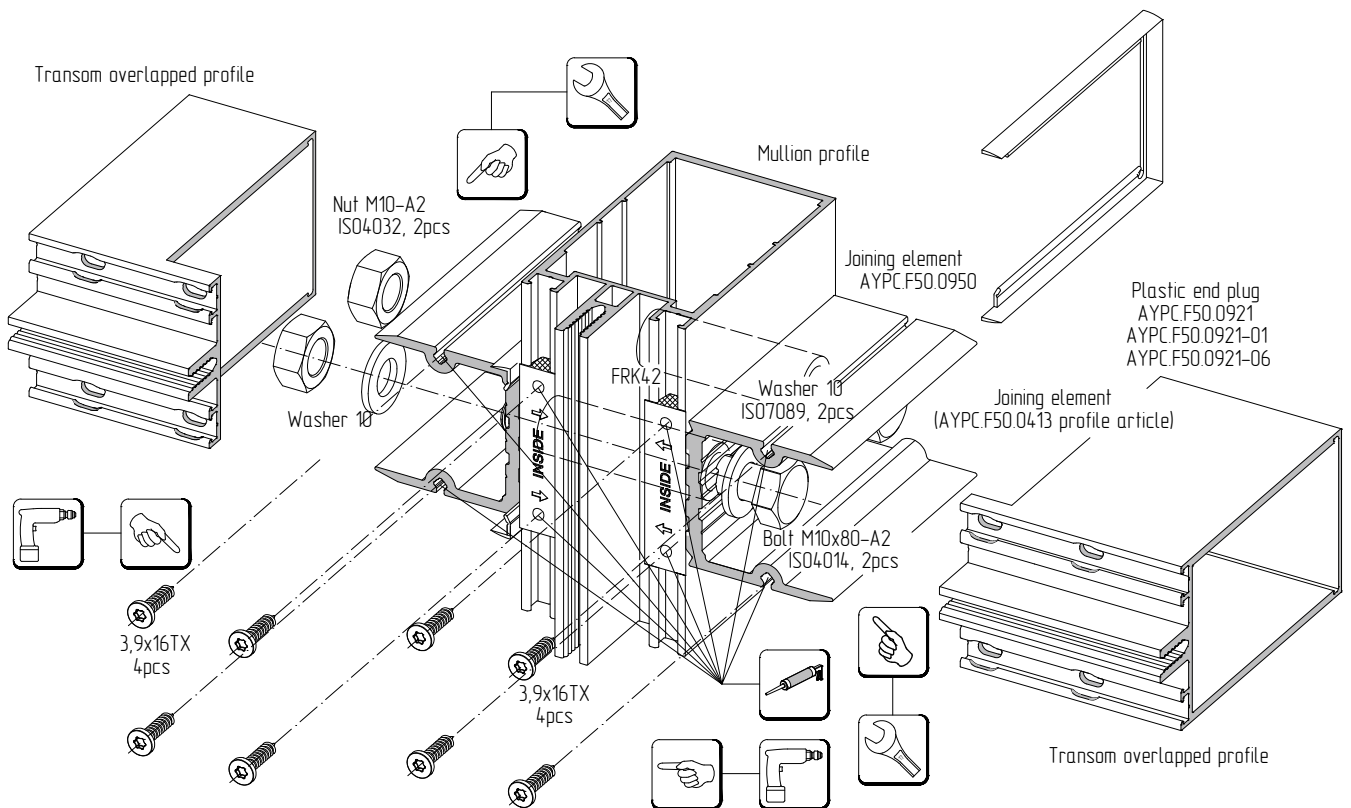
Option B | AluPro - BH-06/B
With plastic end plugs installation

Option C | AluPro - BH-06/C
With soft rubber end plugs installation

AYPC.F50.9921	AYPC.F50.9921-01	AYPC.F50.9921-02
AYPC.F50.9921-03	AYPC.F50.9921-04	AYPC.F50.9921-05
AYPC.F50.9921-06	AYPC.F50.9921-07	AYPC.F50.9921-08
AYPC.F50.9921-09		



Connection of mullion profiles and transom overlapped profiles with the use of one joining element

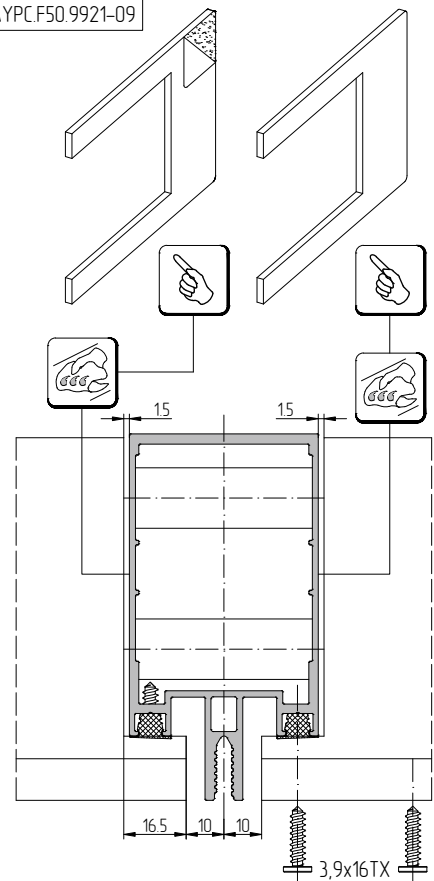
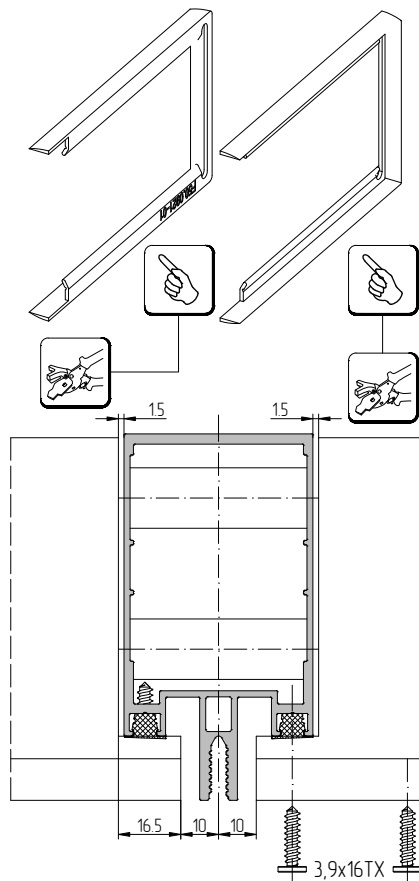
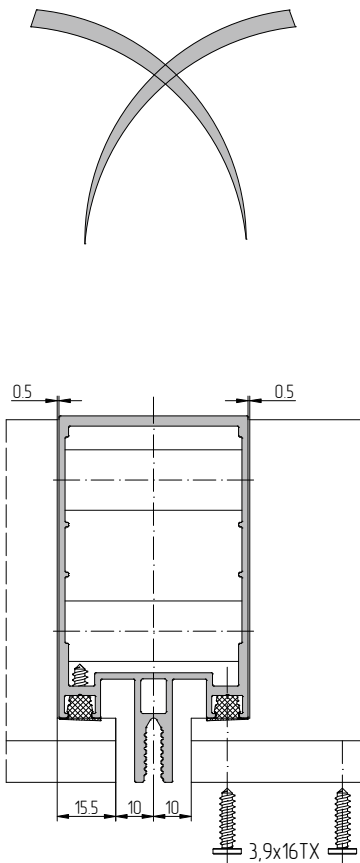


Option A **AluPro - BH-06/A+**
Without end plugs installation

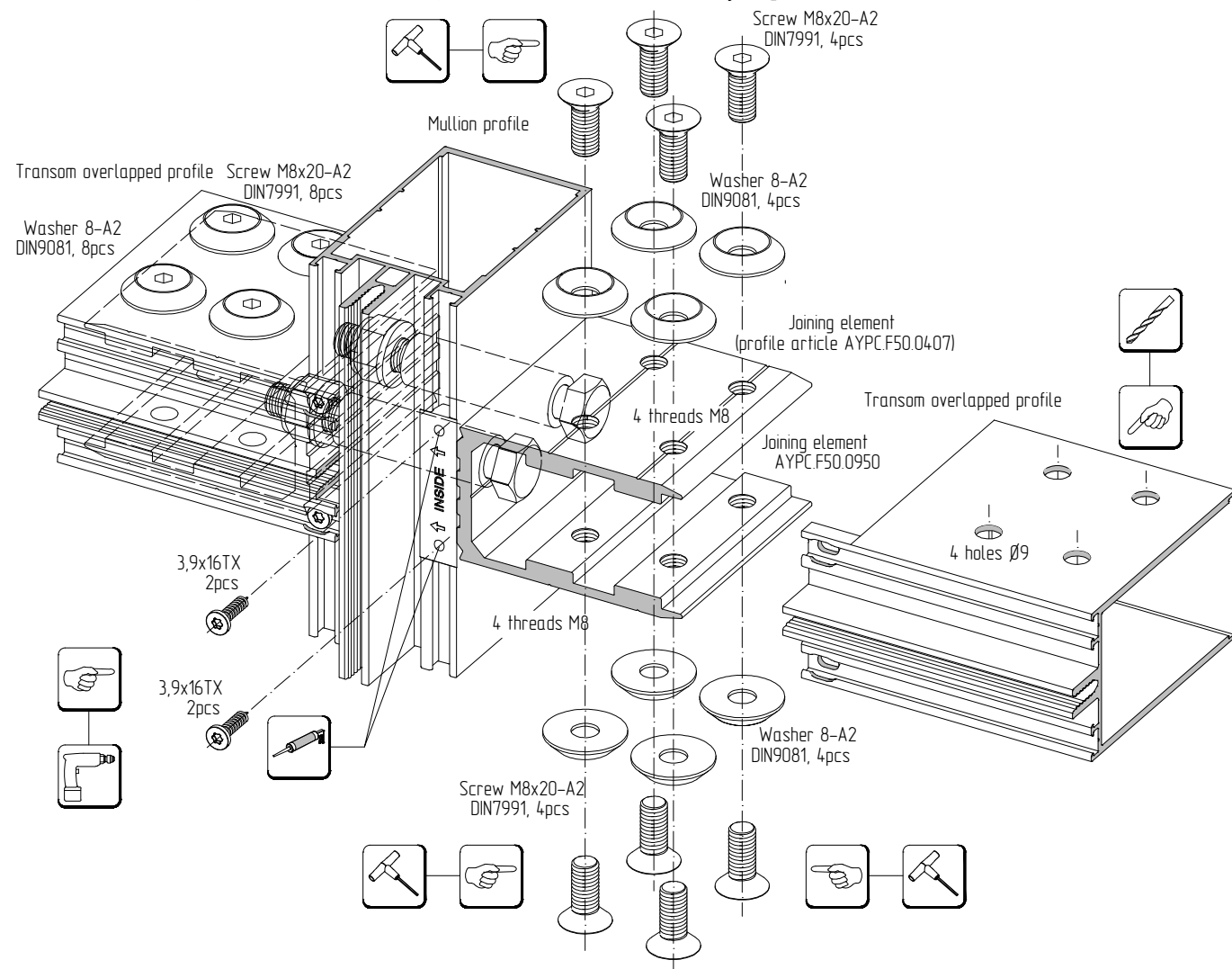
Option B **AluPro - BH-06/B+**
With plastic end plugs installation

Option C **AluPro - BH-06/C+**
With soft rubber end plugs installation

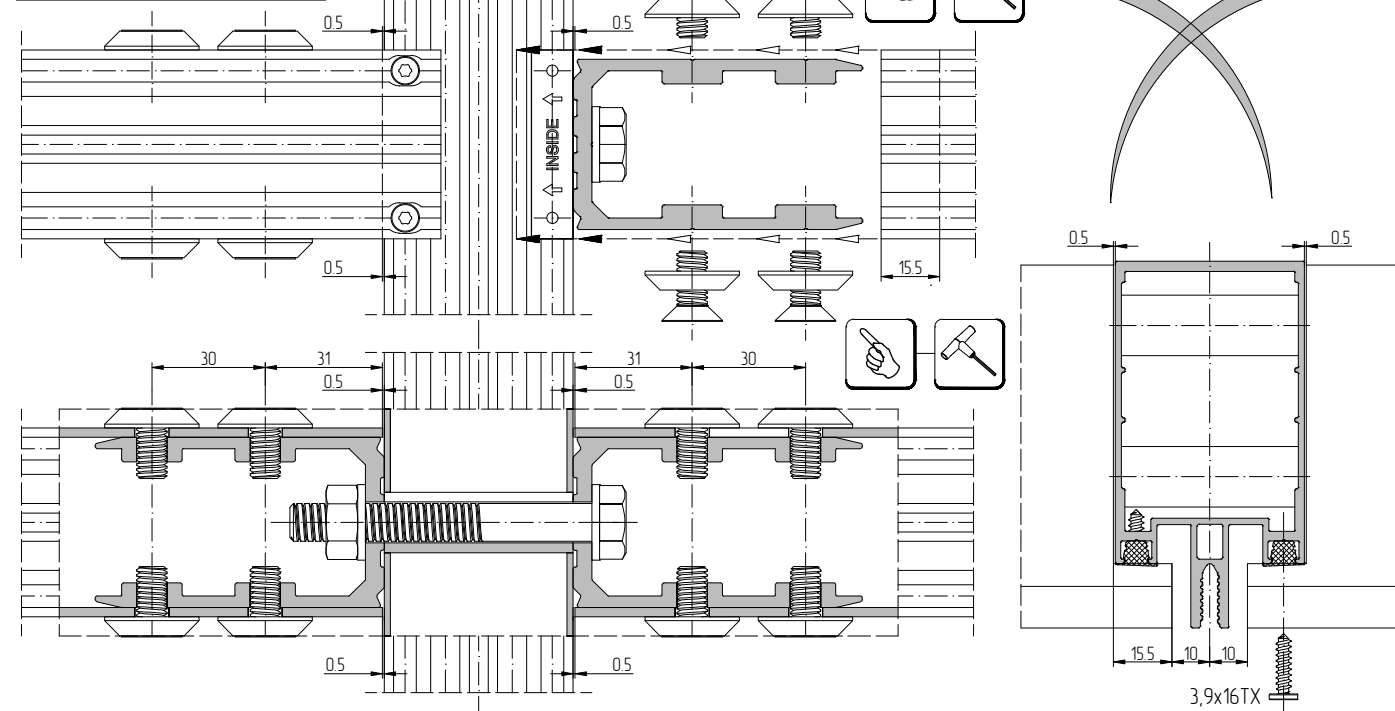
AYPC.F50.0921	AYPC.F50.0921-01	AYPC.F50.0921-06	AYPC.F50.9921	AYPC.F50.9921-01	AYPC.F50.9921-02
AYPC.F50.9921-03	AYPC.F50.9921-04	AYPC.F50.9921-05	AYPC.F50.9921-06	AYPC.F50.9921-07	AYPC.F50.9921-08
AYPC.F50.9921-09					



Connection of mullion profiles and transom overlapped profiles with the use of one joining element



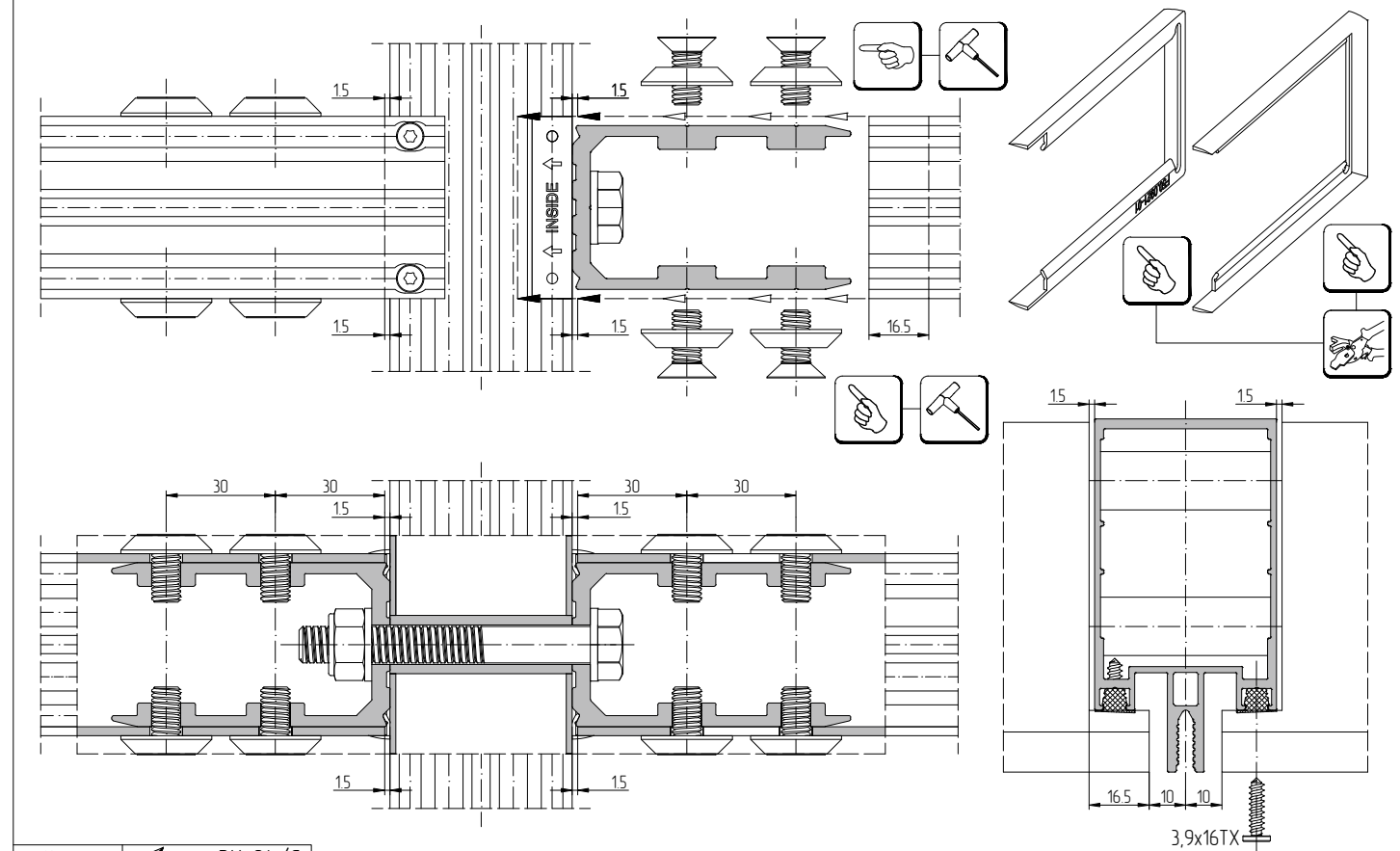
Option A AluPro - BH-04/A
Without end plugs installation



Option B AluPro - BH-04/B

With plastic end plugs installation

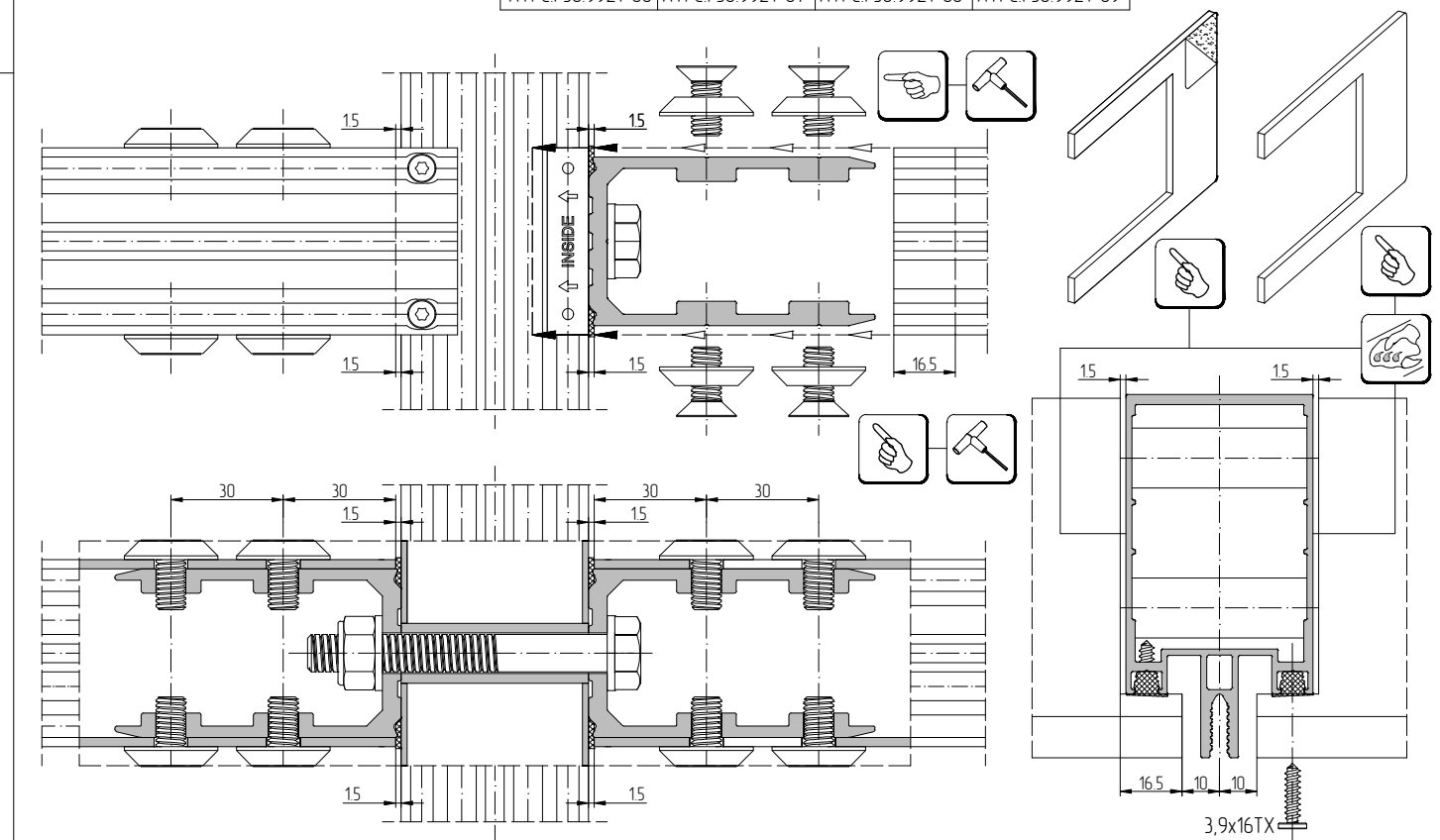
AYPC.F50.0921	AYPC.F50.0921-01	AYPC.F50.0921-06
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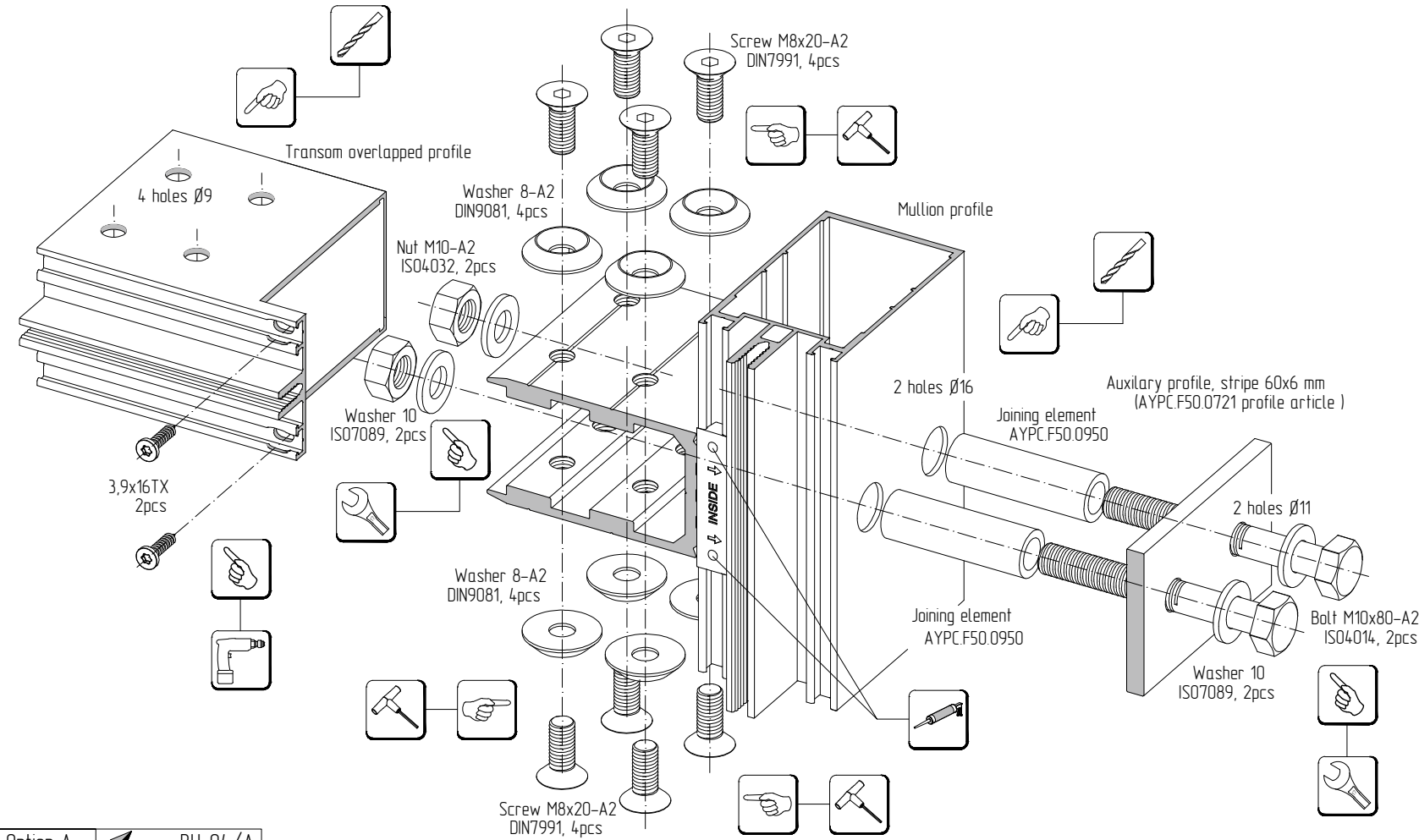
Option C AluPro - BH-04/C

With soft rubber end plugs installation

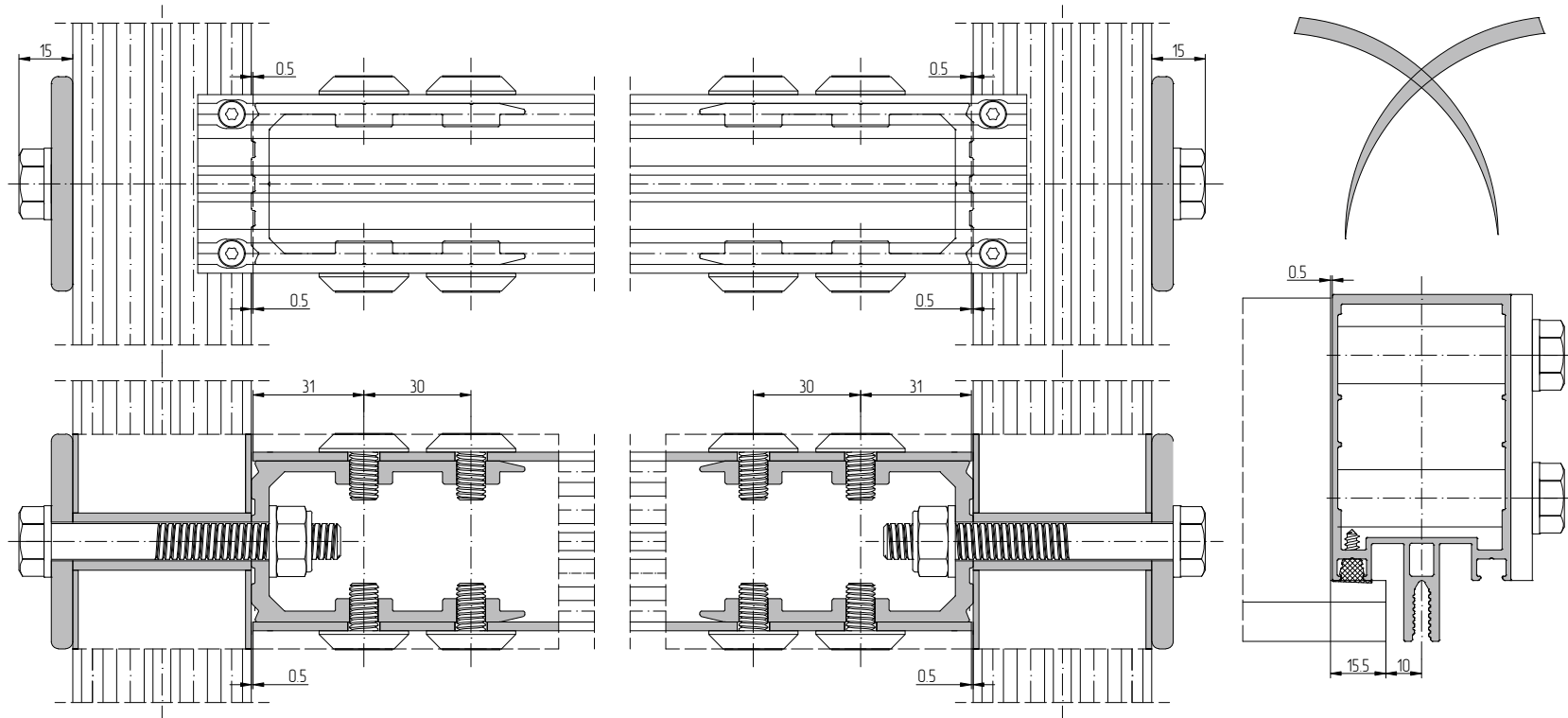
AYPC.F50.9921	AYPC.F50.9921-01	AYPC.F50.9921-02	AYPC.F50.9921-03	AYPC.F50.9921-04	AYPC.F50.9921-05
AYPC.F50.9921-06	AYPC.F50.9921-07	AYPC.F50.9921-08	AYPC.F50.9921-09		



Connection of mullion profiles and transom overlapped profiles with the use of one joining element



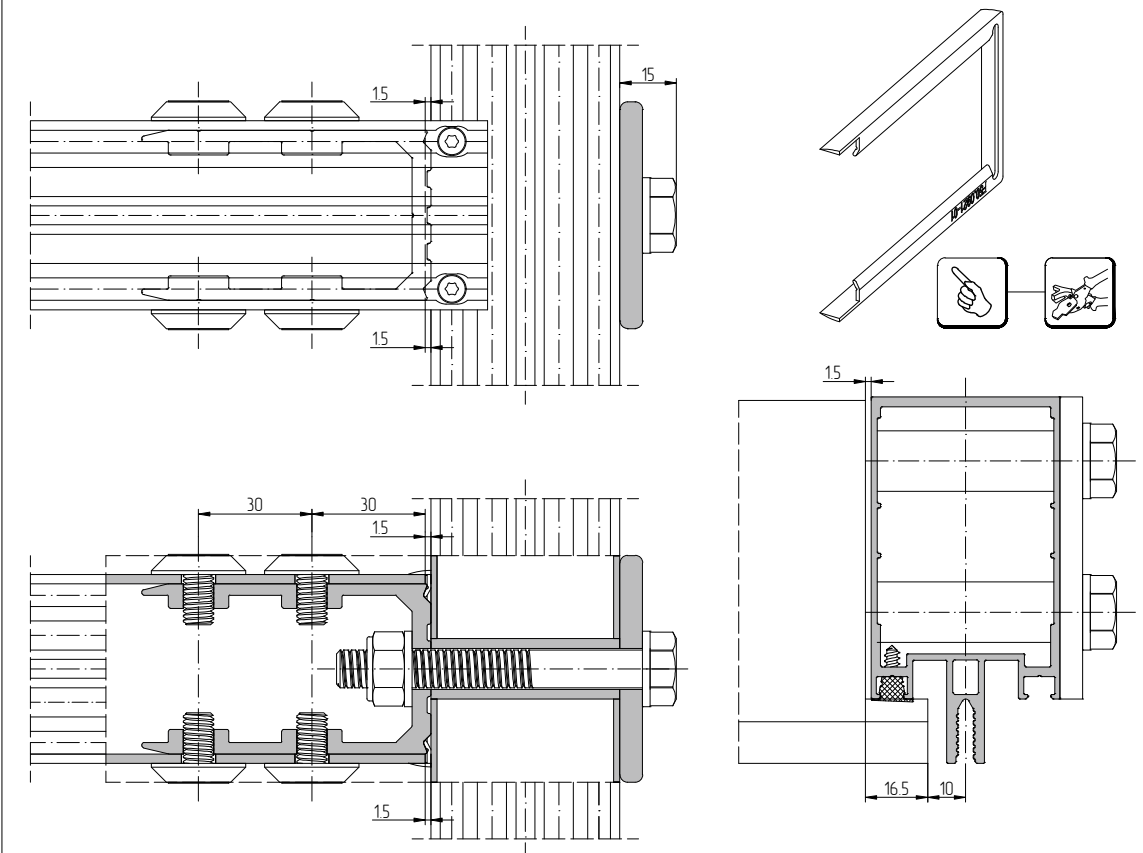
Option A **AluPro - BH-04/A**
Without end plugs installation



Option B **AluPro - BH-04/B**

With plastic end plugs installation

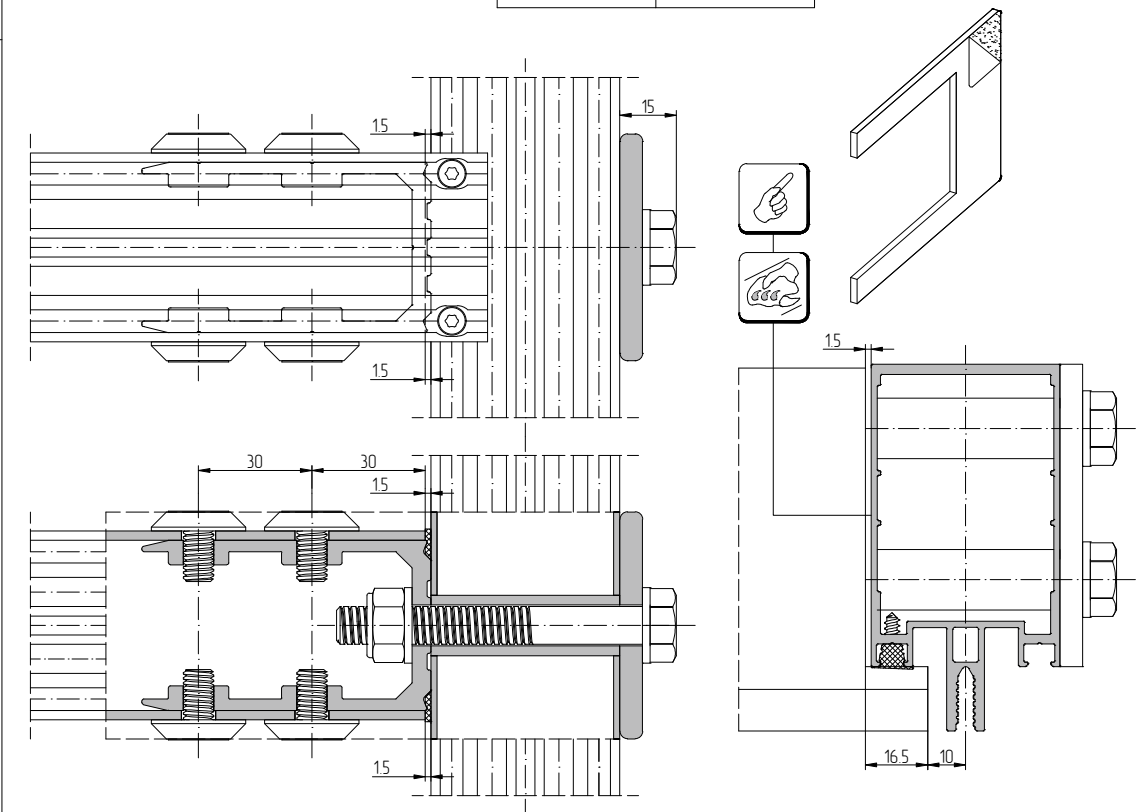
AYPC.F50.0921	AYPC.F50.0921-01	AYPC.F50.0921-06
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Option C **AluPro - BH-04/C**

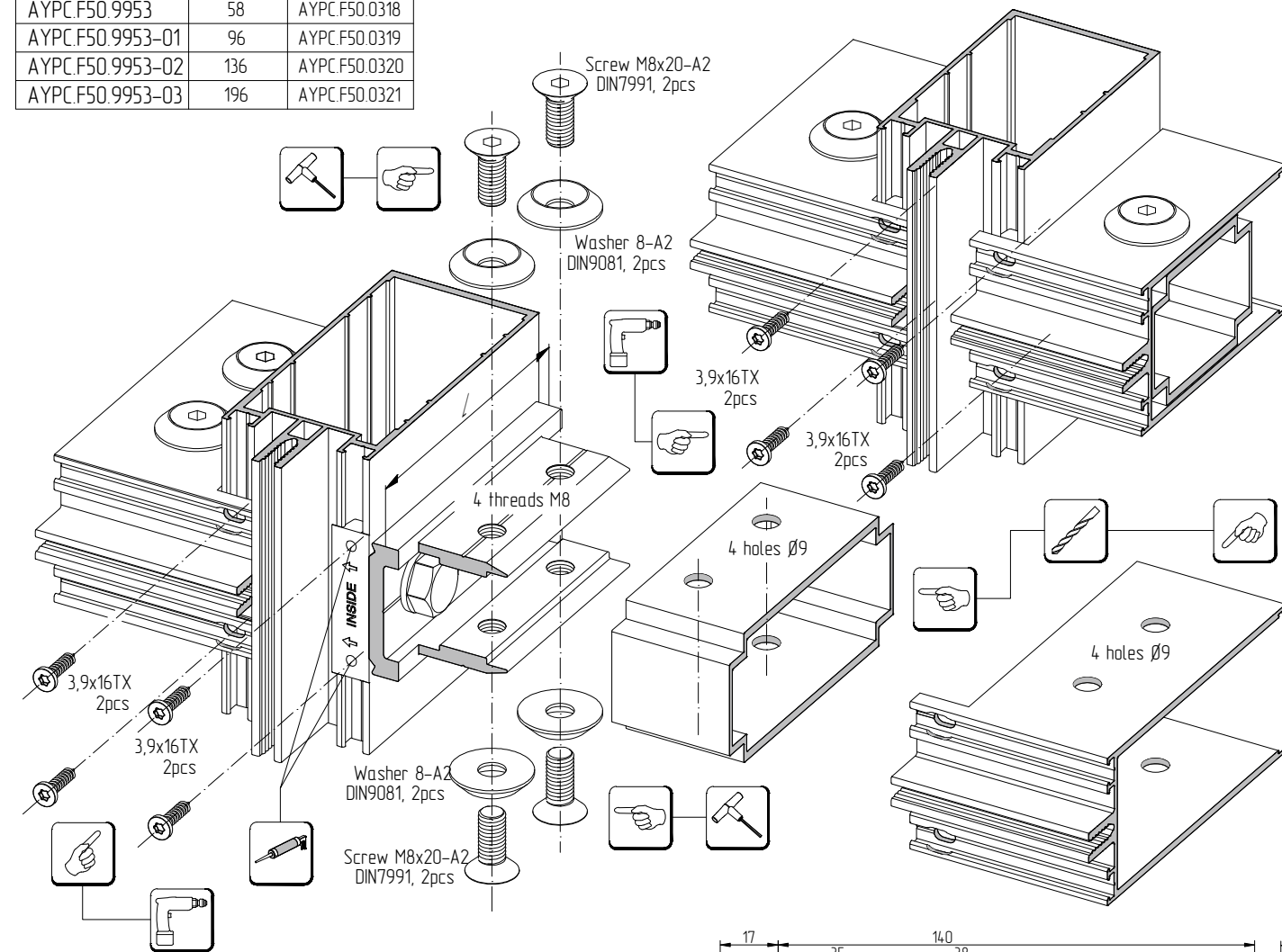
With soft rubber end plugs installation

AYPC.F50.9921	AYPC.F50.9921-01	AYPC.F50.9921-02	AYPC.F50.9921-03
AYPC.F50.9921-04	AYPC.F50.9921-05	AYPC.F50.9921-06	AYPC.F50.9921-07
AYPC.F50.9921-08	AYPC.F50.9921-09		

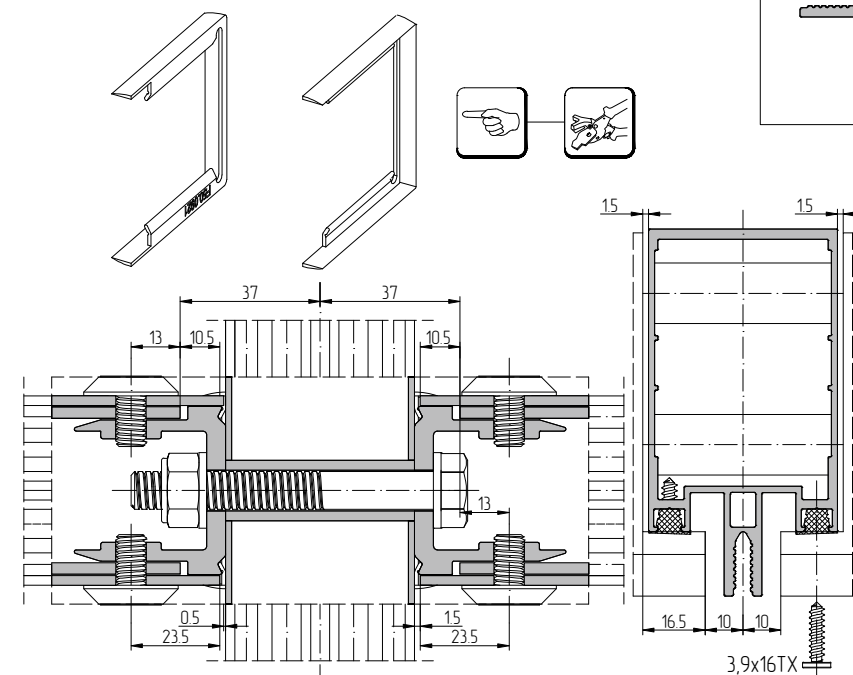


Joining element, manufactured of the AYPC.F50.04.17 profile		
Article	Length L, mm	For reinforcer
AYPC.F50.9953	58	AYPC.F50.0318
AYPC.F50.9953-01	96	AYPC.F50.0319
AYPC.F50.9953-02	136	AYPC.F50.0320
AYPC.F50.9953-03	196	AYPC.F50.0321

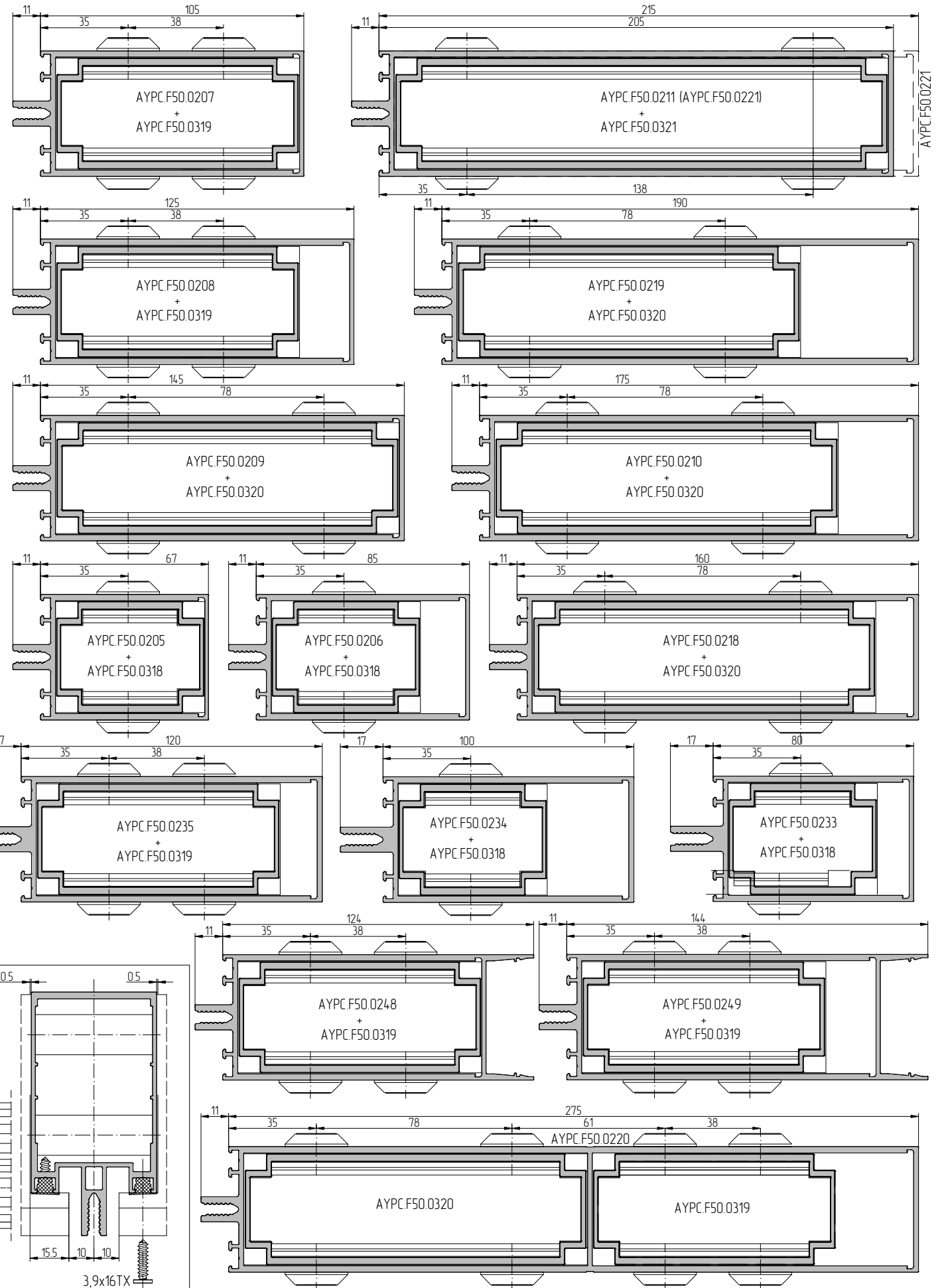
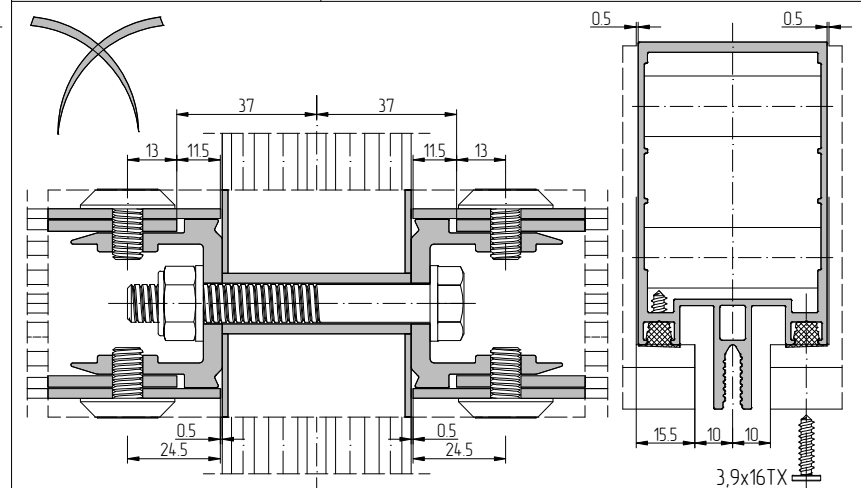
Connection of mullion profiles and transom overlapped profiles with the use of one joining element and a reinforcing profile



Option B - BH-05/B+
With plastic end plugs installation



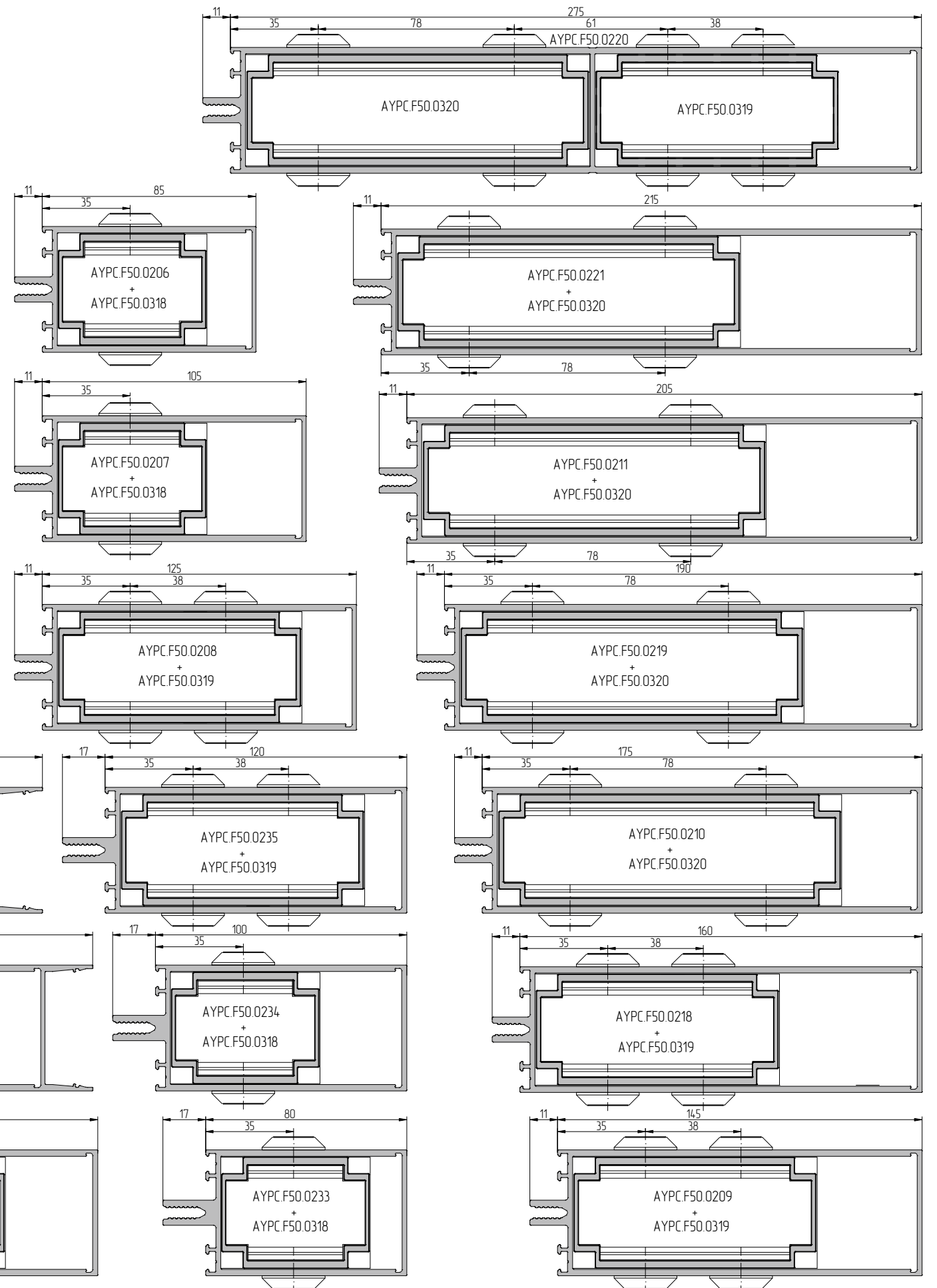
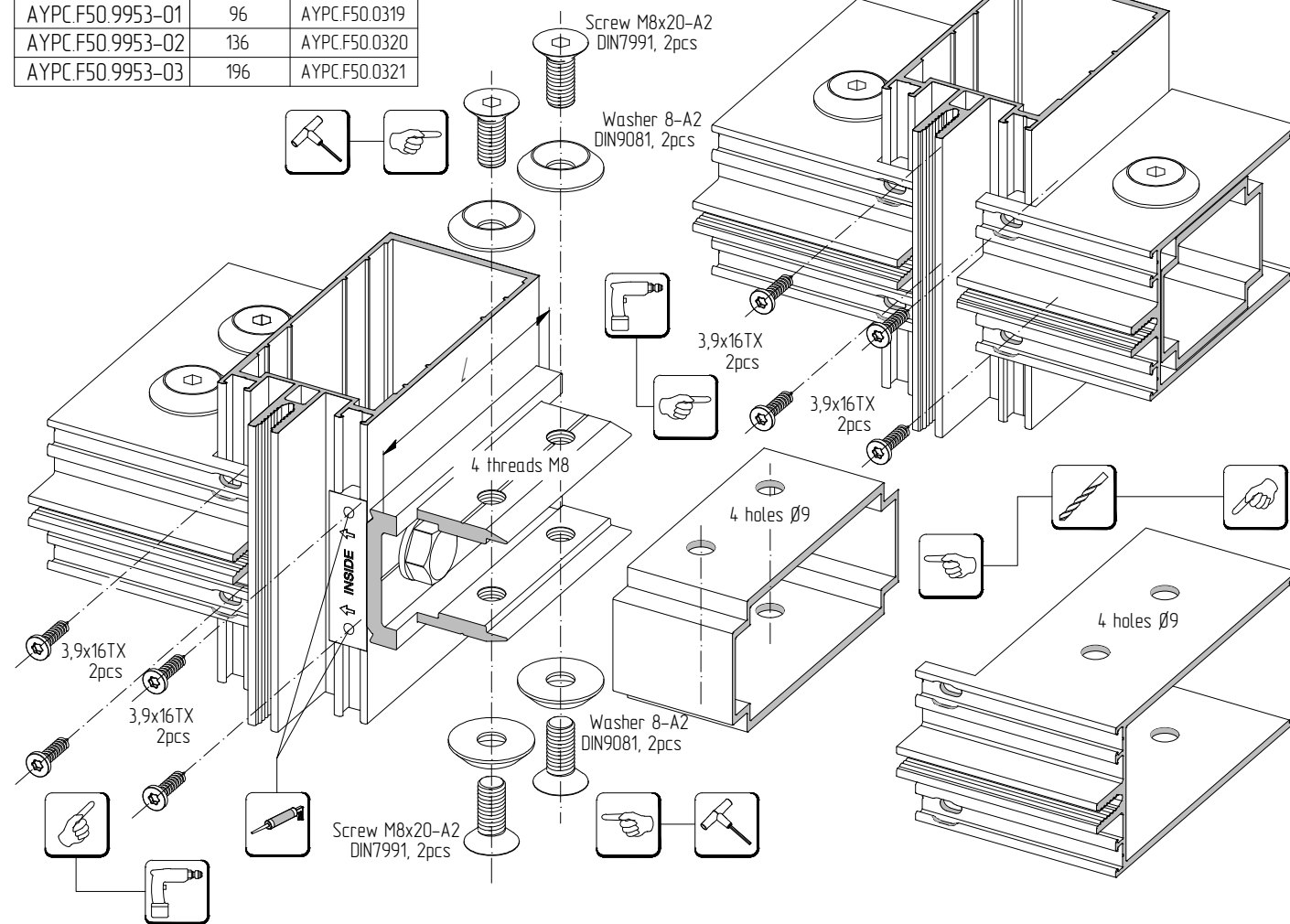
Option A - BH-05/A+
Without end plugs installation



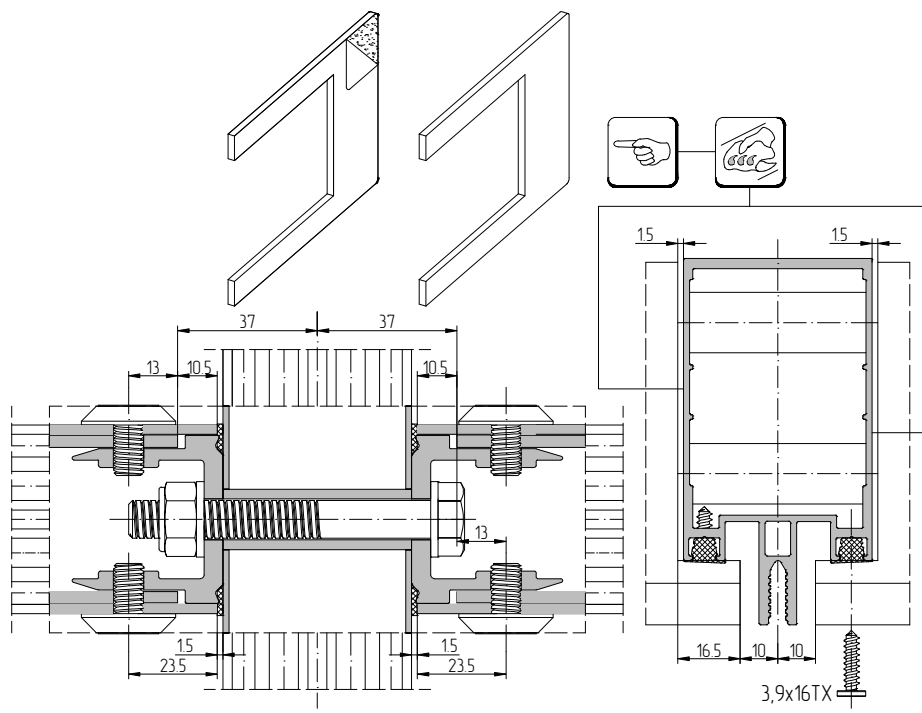
Joining element, manufactured of profile AYP.C.F50.04.17

Article	Length L, mm	For reinforcer
AYPC.F50.9953	58	AYPC.F50.0318
AYPC.F50.9953-01	96	AYPC.F50.0319
AYPC.F50.9953-02	136	AYPC.F50.0320
AYPC.F50.9953-03	196	AYPC.F50.0321

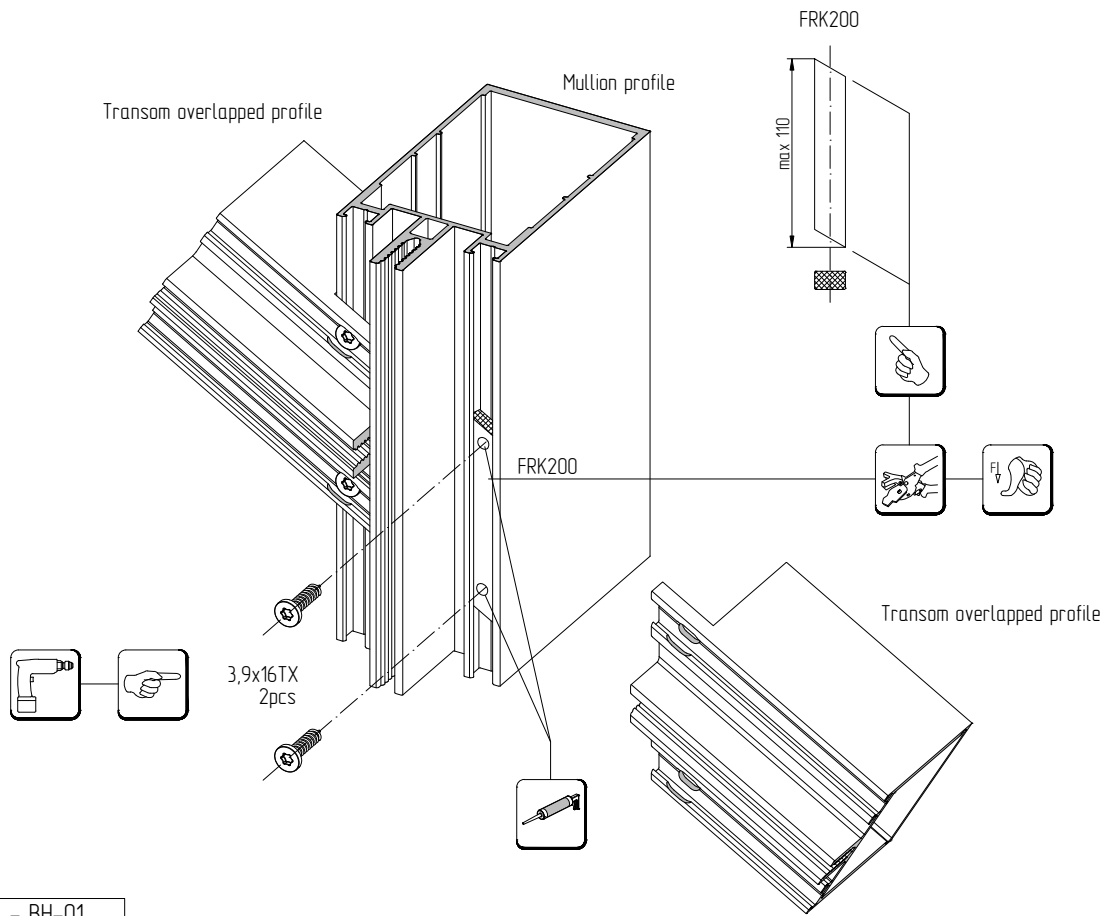
Connection of mullion profiles and transom overlapped profiles with the use of one joining element and a reinforcing profile



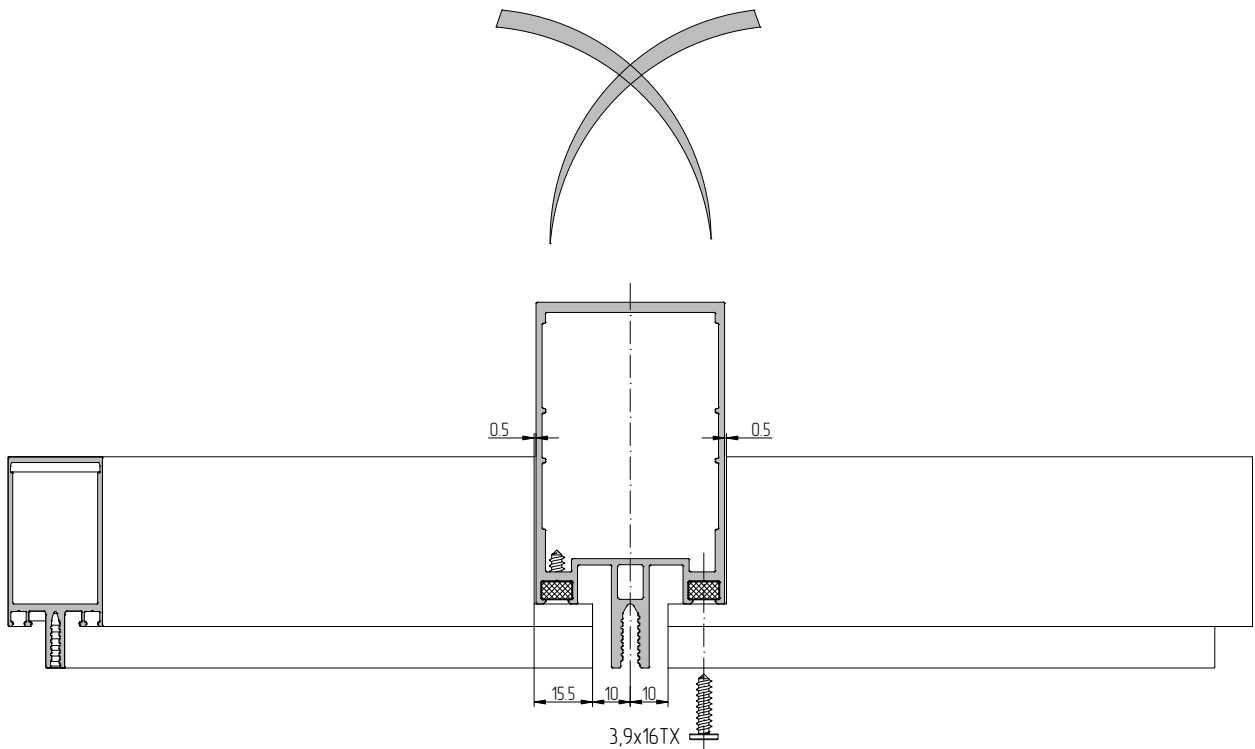
Option C **AluPro - BH-05/C+**
With soft rubber end plugs installation



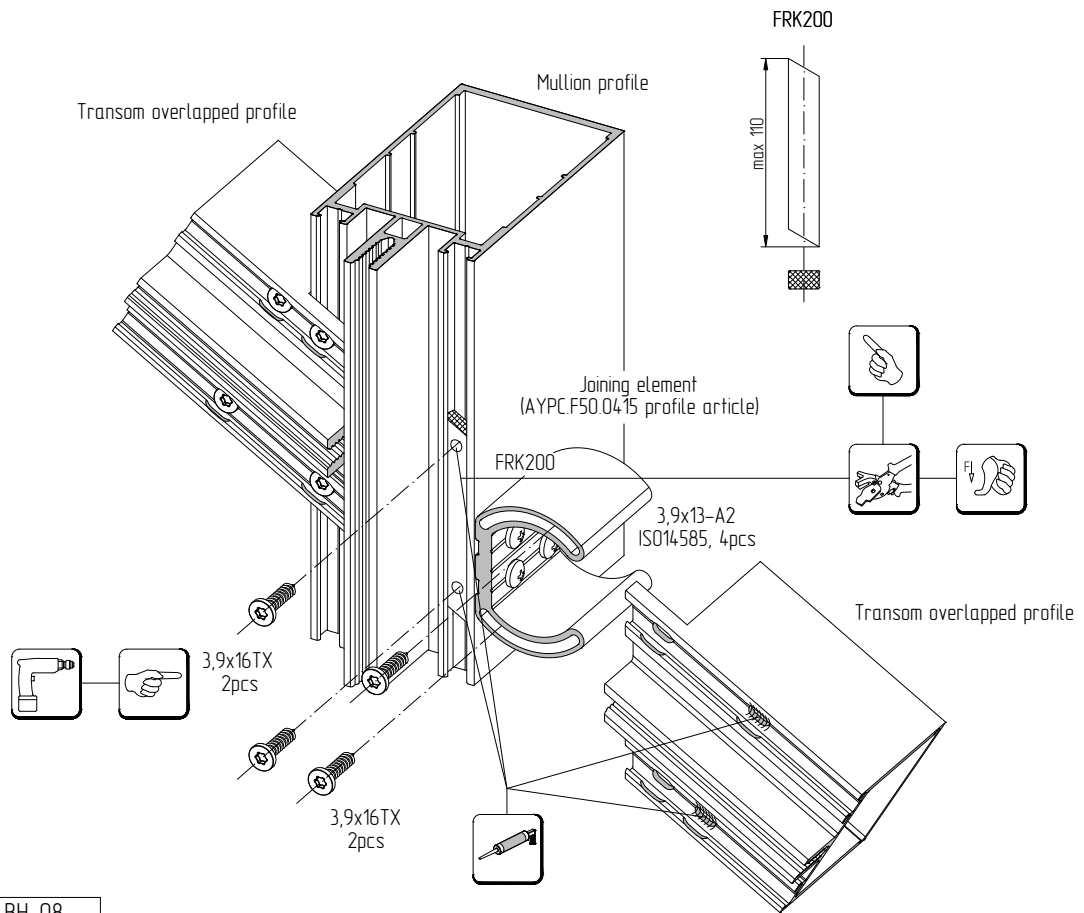
Connection of mullion profiles and inclined transoms overlapped without a joining element



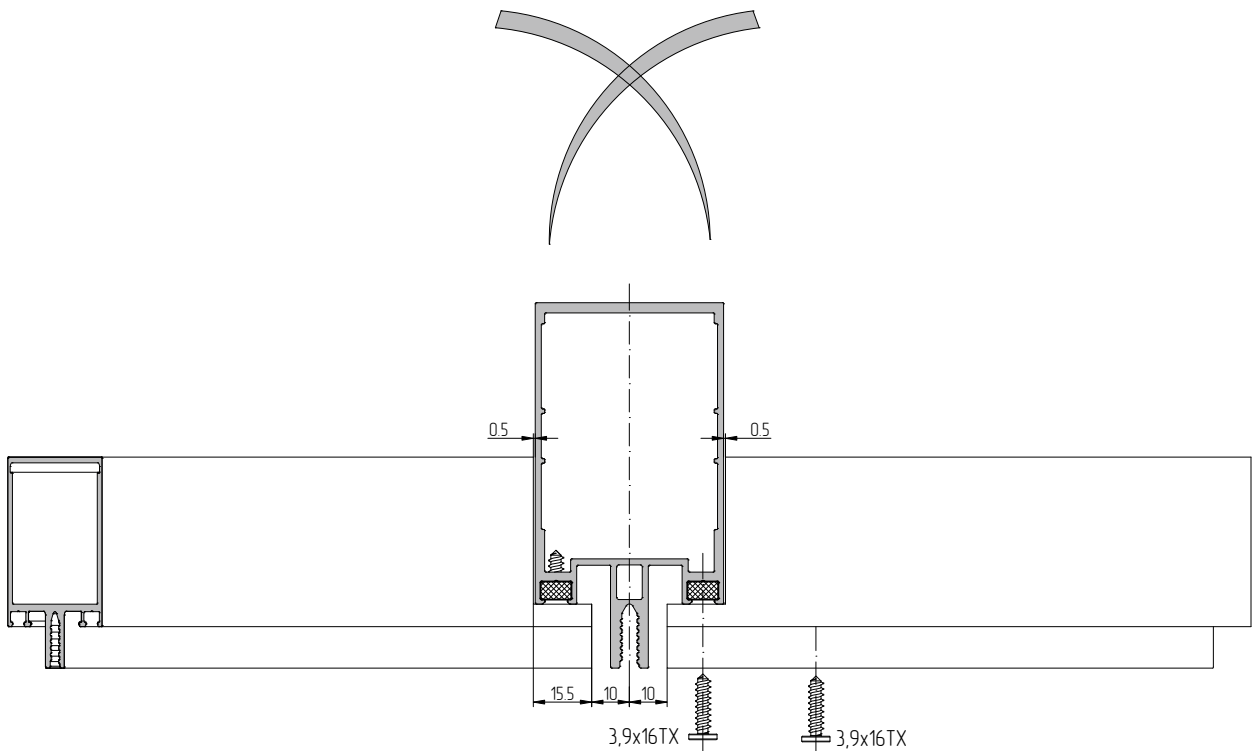
Option A  - BH-01
Without end plugs installation



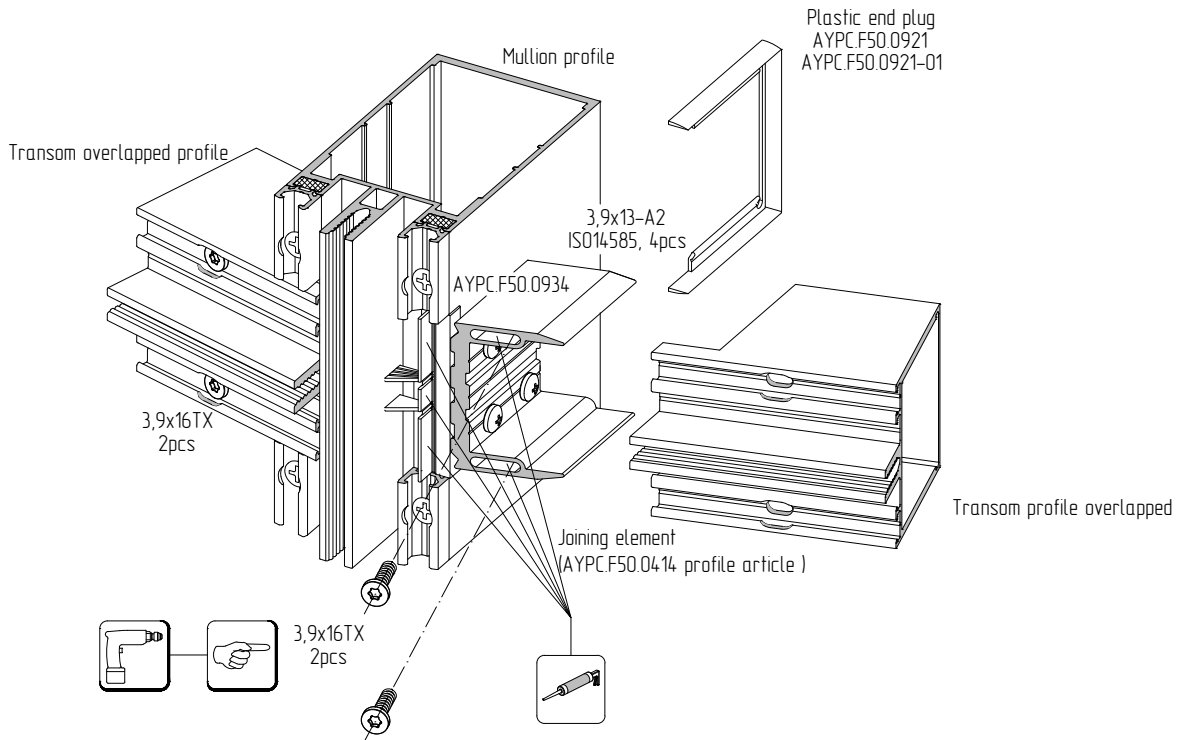
Connection of mullion profiles and inclined transoms overlapped with one joining element



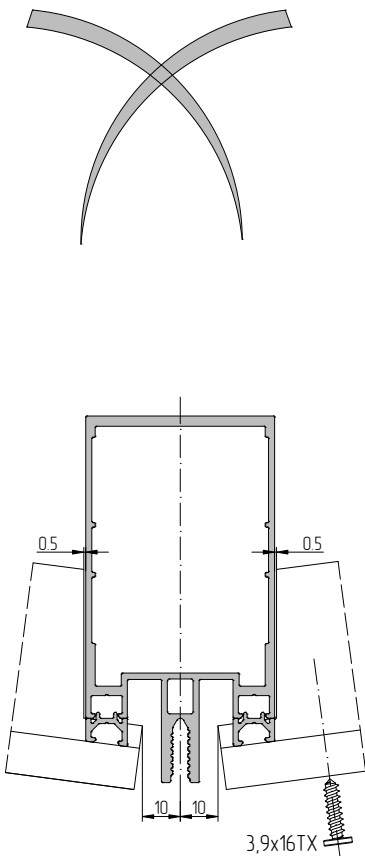
Option A	AluPro - BH-08
Without end plug installation	



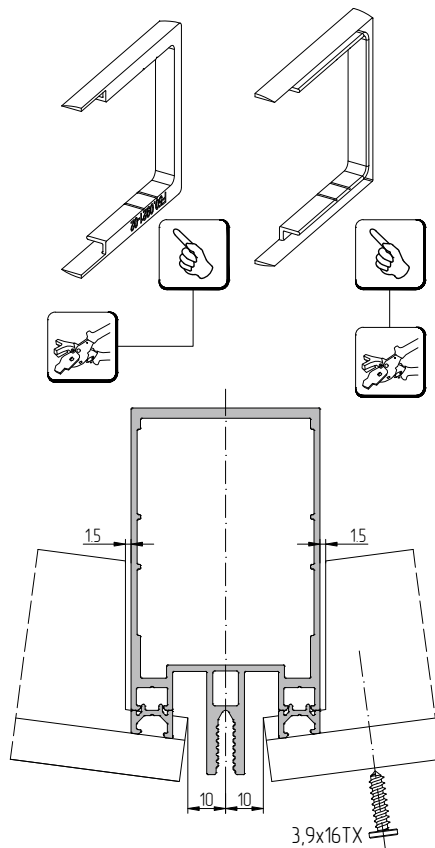
Connection of mullion profiles and inclined transoms overlapped with one joining element



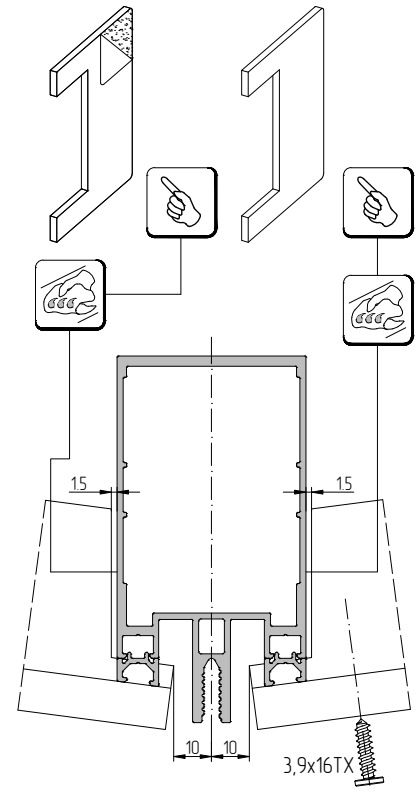
Option A Without end cap installation



Option B With plastic end caps installation
AYPC.F50.0921 AYPC.F50.0921-01 AYPC.F50.0921-06

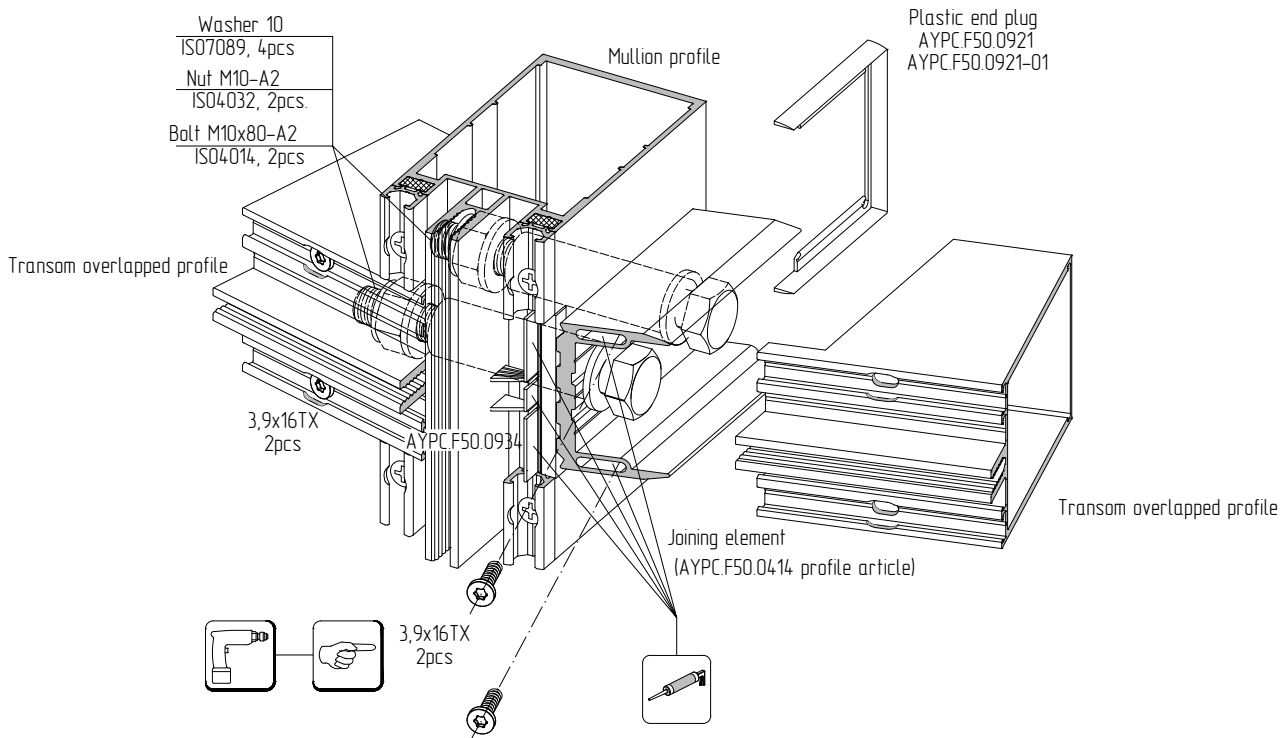


Option C With soft rubber end caps installation
AYPC.F50.9921 AYPC.F50.9921-01 AYPC.F50.9921-02
AYPC.F50.9921-03 AYPC.F50.9921-04 AYPC.F50.9921-05
AYPC.F50.9921-06 AYPC.F50.9921-07 AYPC.F50.9921-08
AYPC.F50.9921-09

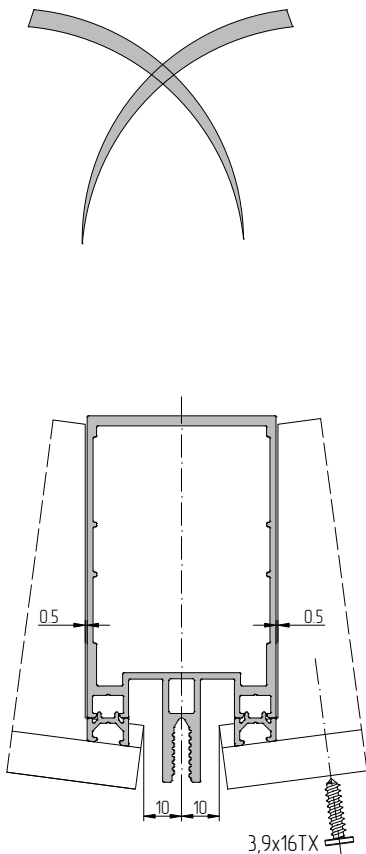


* Selection and processing of the end cap is custom-made, depending on the corner of turn and the typical size of the transom

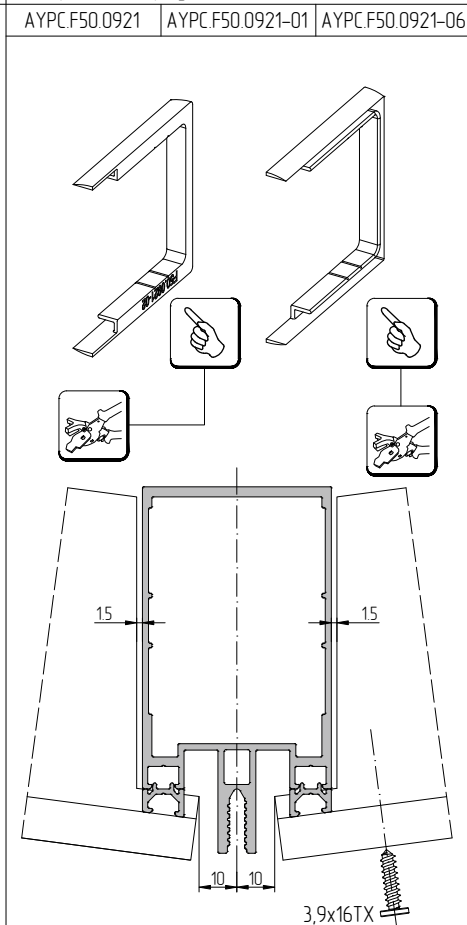
Connection of mullions and transoms overlapped with the use of one joining element



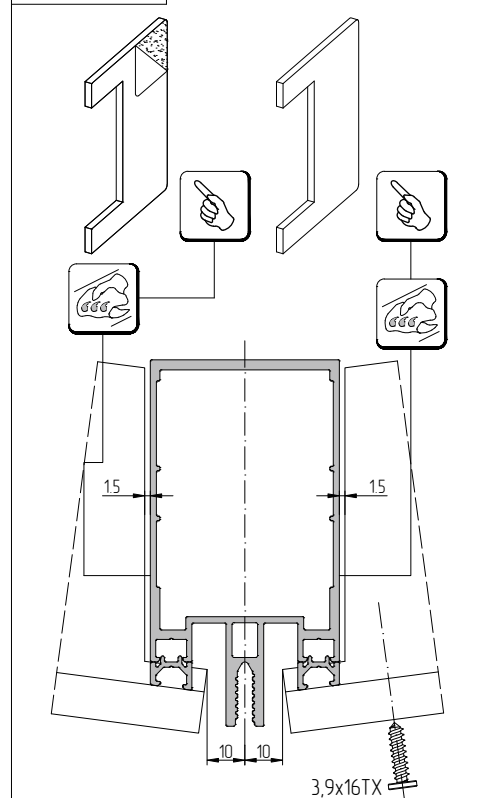
Option A AluPro - BH-10/A+
Without end plug installation



Option B AluPro - BH-10/B+
With plastic end plugs installation

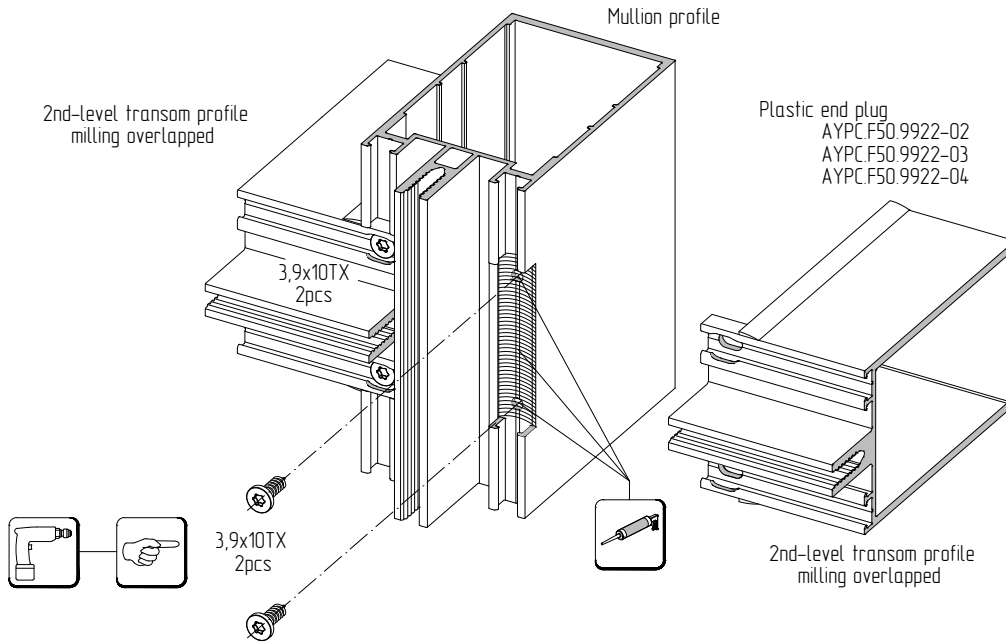


Option C AluPro - BH-10/C+
With soft rubber end plugs installation *



* Selection and processing of the end cap is custom-made, depending on the corner of turn and the typical size of the transom

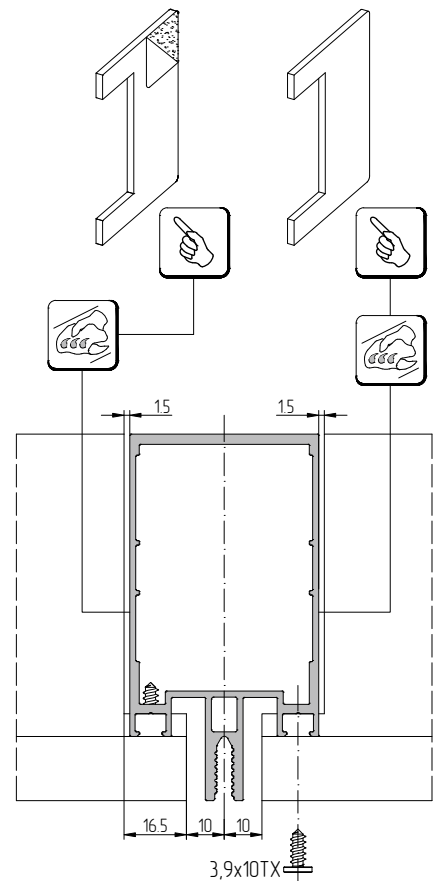
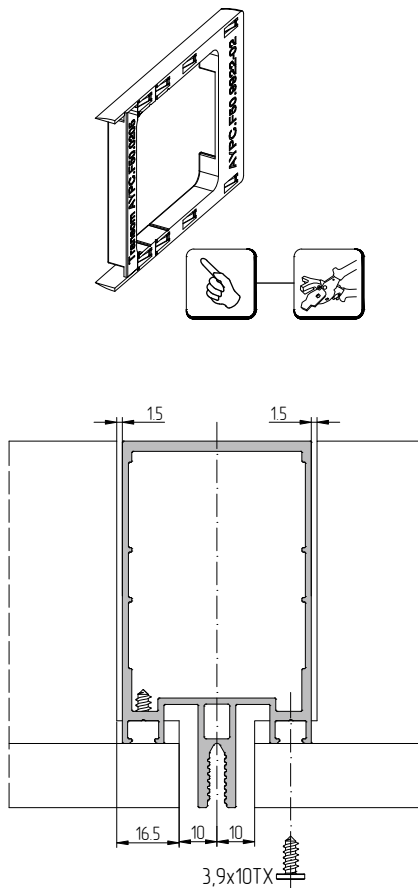
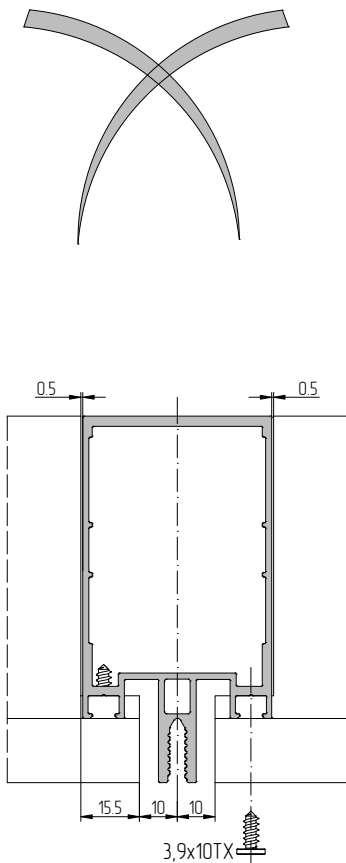
Connection of mullion profiles and 2nd-level transom profiles, milling overlapped without a joining element



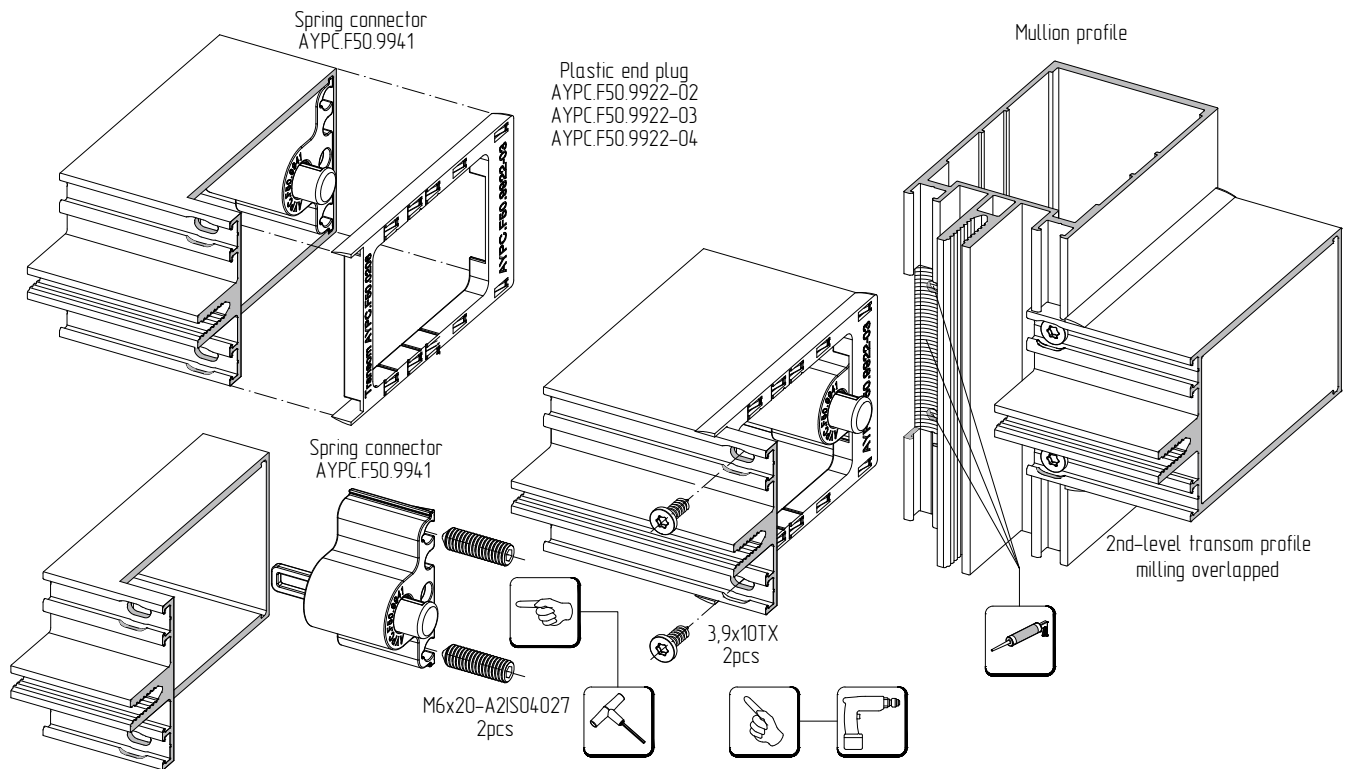
Option A Without plastic end plugs installation

Option B With plastic end plugs installation
AYPC.F50.9922-02 AYPC.F50.9922-03 AYPC.F50.9922-04

Option C With soft rubber end plugs installation
AYPC.F50.9921 AYPC.F50.9921-01 AYPC.F50.9921-02
AYPC.F50.9921-03 AYPC.F50.9921-04 AYPC.F50.9921-05
AYPC.F50.9921-06 AYPC.F50.9921-07 AYPC.F50.9921-08

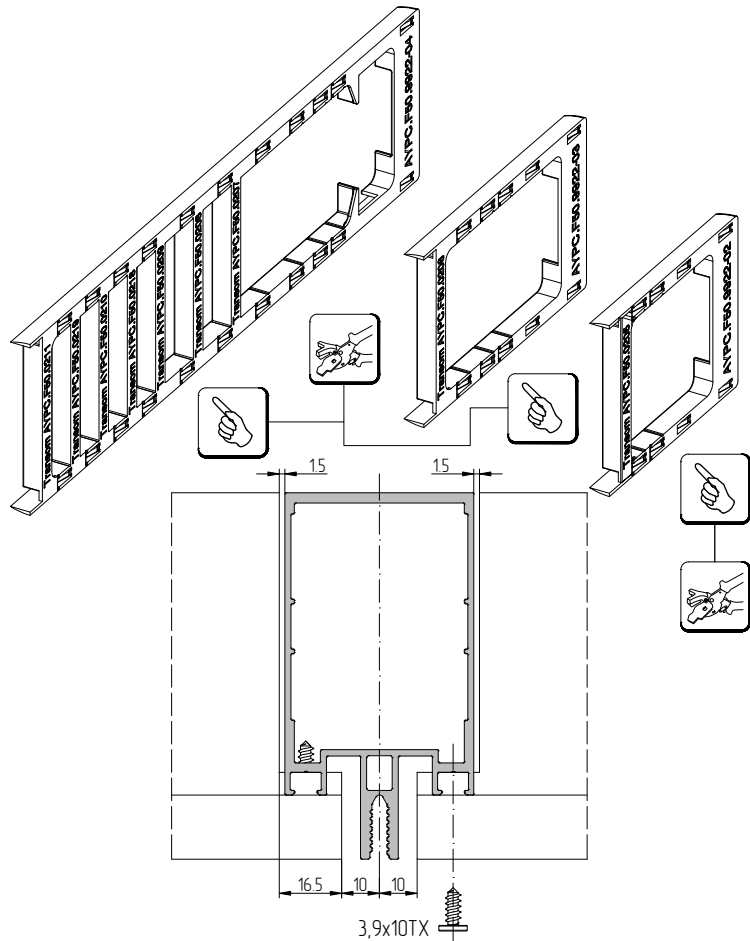
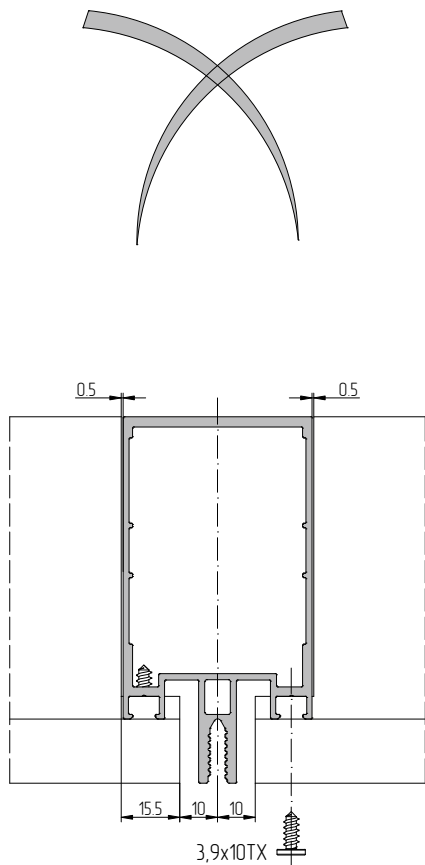


Connection of mullion profiles and 2nd-level transom profiles, milling overlapped with the use of a AYPC.F50.9941 spring connector

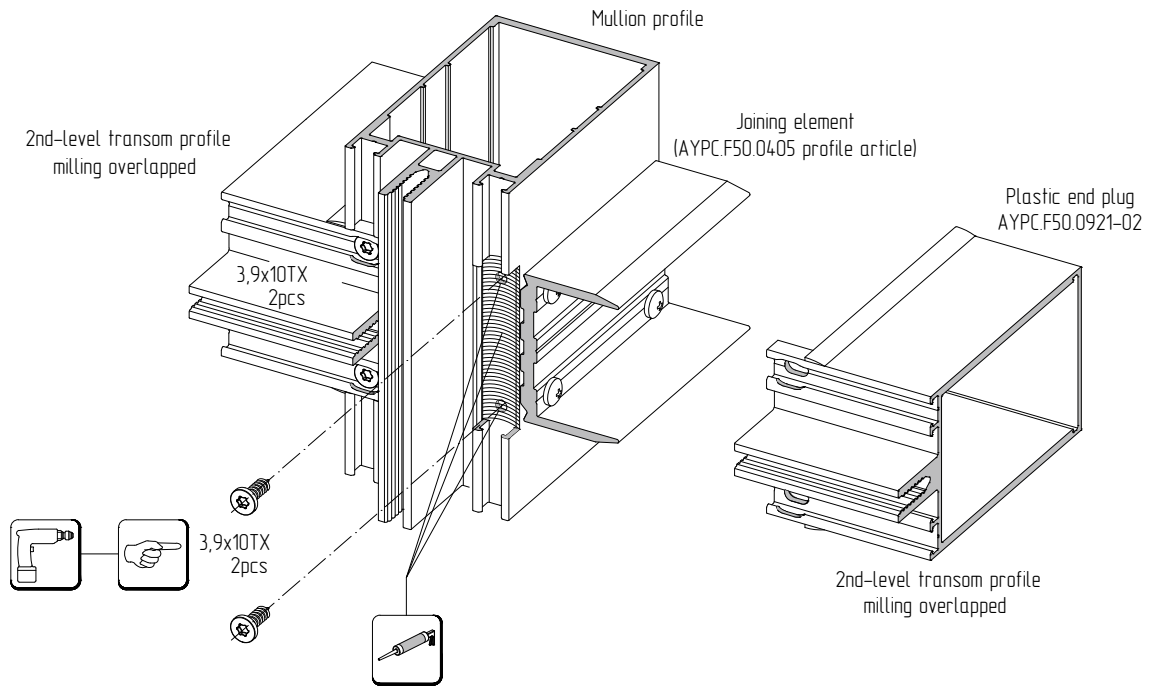


Option A AluPro - BHC-02/A
Without end plugs installation

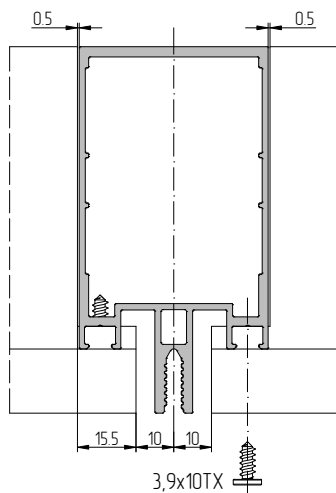
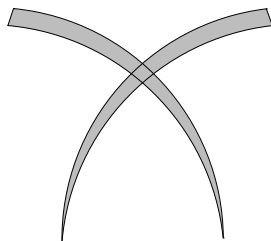
Option B AluPro - BHC-02/B
With plastic end plugs installation
AYPC.F50.9922-02 | AYPC.F50.9922-03 | AYPC.F50.9922-04



Connection of mullion profiles and 2nd-level transom profiles, milling overlapped with the use of one joining element

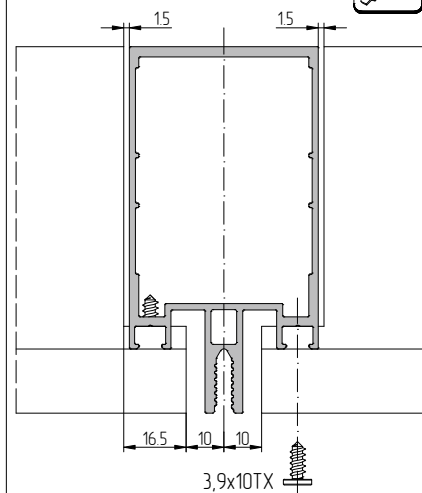
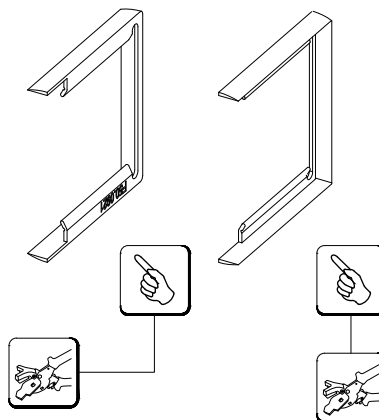


Option A \blacktriangledown AluPro - BHc-03/A
Without end plugs installation



Option B \blacktriangledown AluPro - BHc-03/B
With plastic end plugs installation

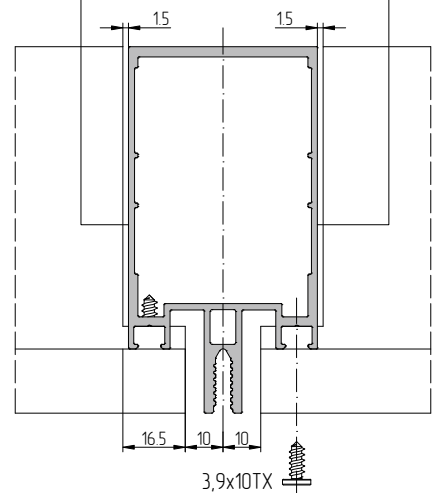
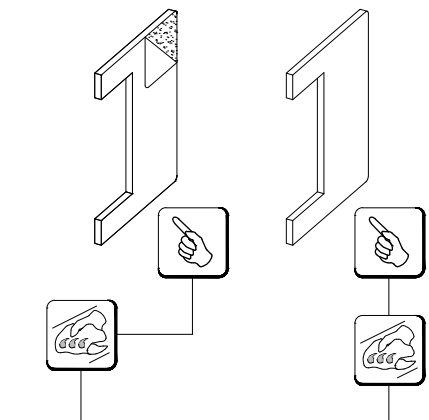
AYPC.F50.0921 AYPC.F50.0921-01



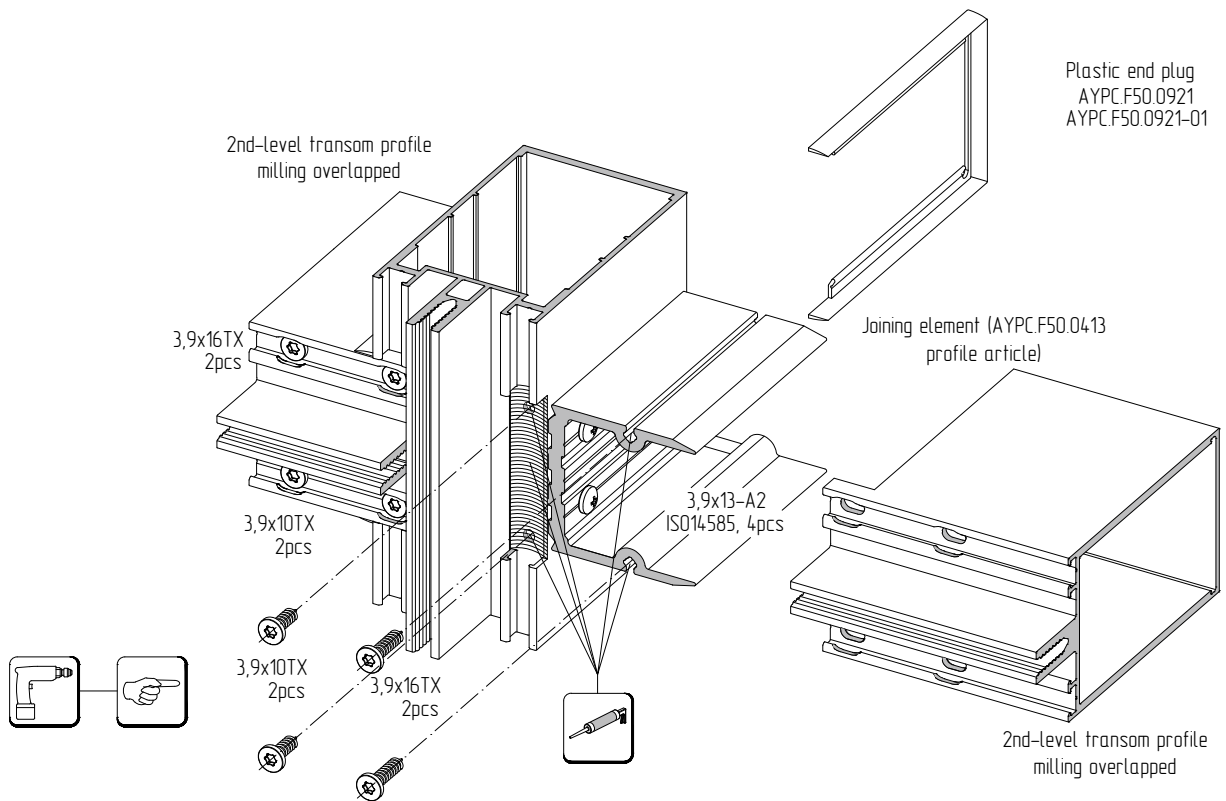
Option C \blacktriangledown AluPro - BHc-03/C
With soft rubber end plugs installation

AYPC.F50.9921-01 AYPC.F50.9921-02 AYPC.F50.9921-03

AYPC.F50.9921-04 AYPC.F50.9921-05



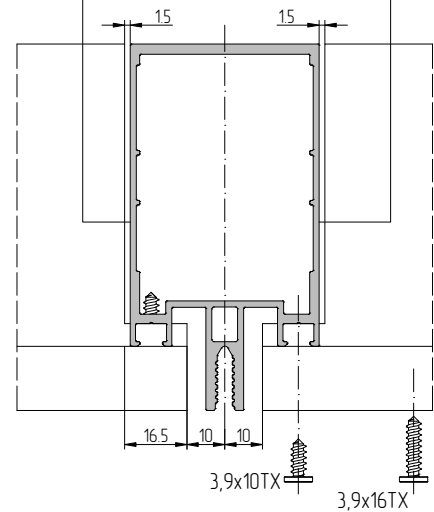
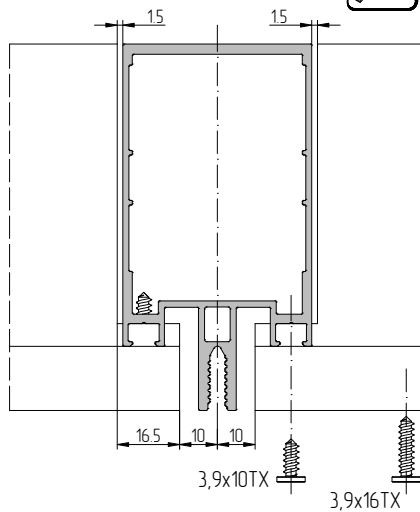
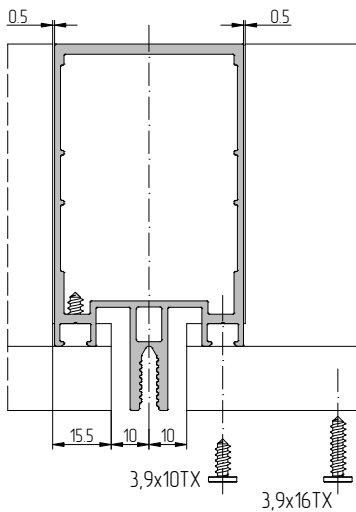
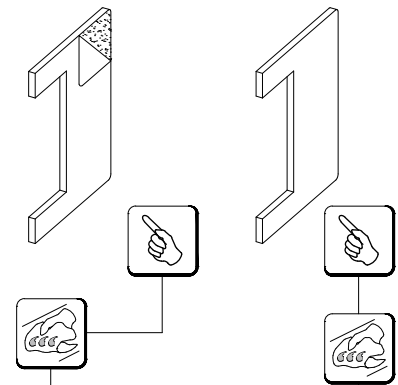
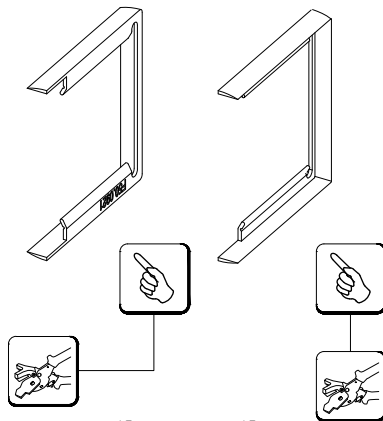
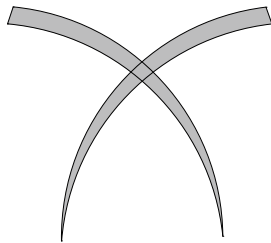
Connection of mullion profiles and 2nd-level transom profiles, milling overlapped with the use of one joining element



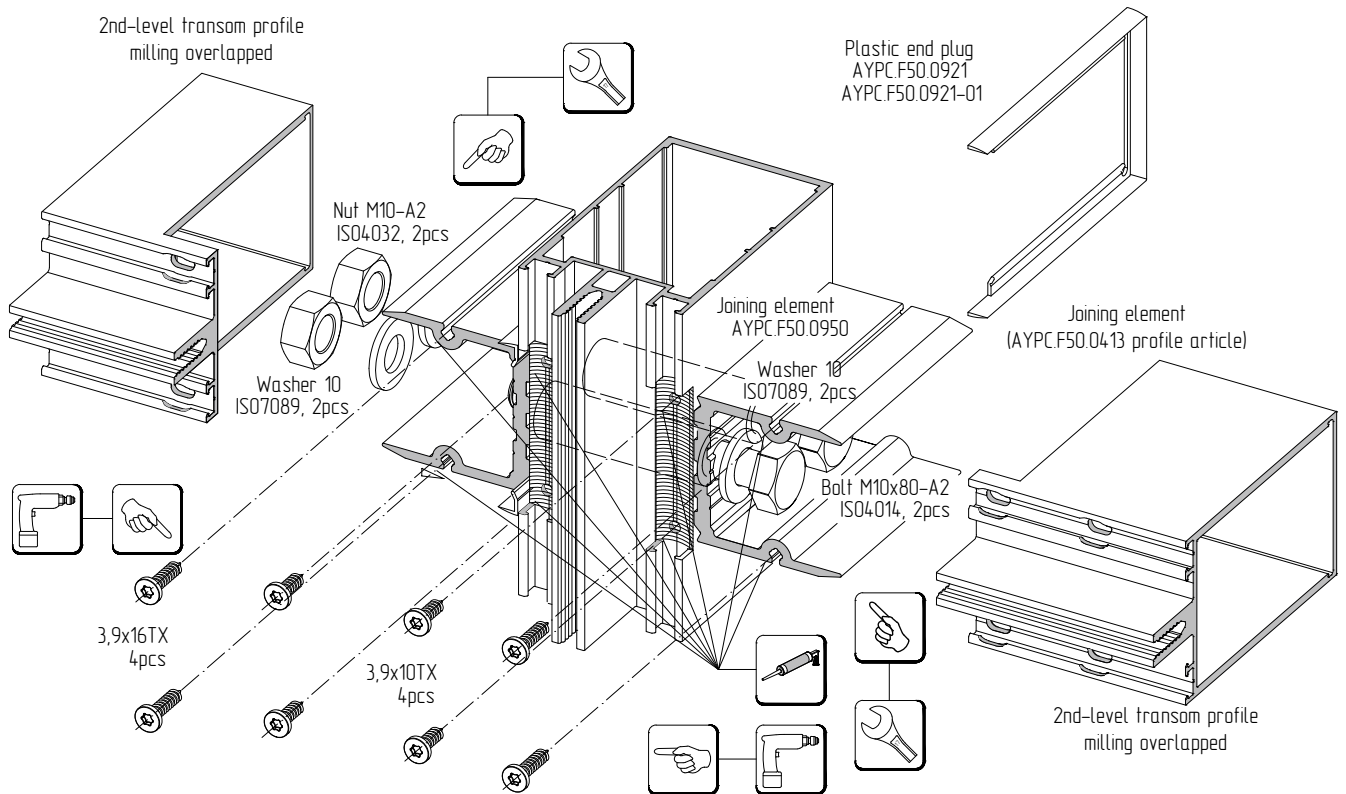
Option A | AluPro - BHC-06/A
Without end plugs installation

Option B | AluPro - BHC-06/B
With plastic end plugs installation
AYPC.F50.0921 AYPC.F50.0921-01

Option C | AluPro - BHC-06/C
With soft rubber end plugs installation
AYPC.F50.9921-01 AYPC.F50.9921-02 AYPC.F50.9921-03
AYPC.F50.9921-04 AYPC.F50.9921-05



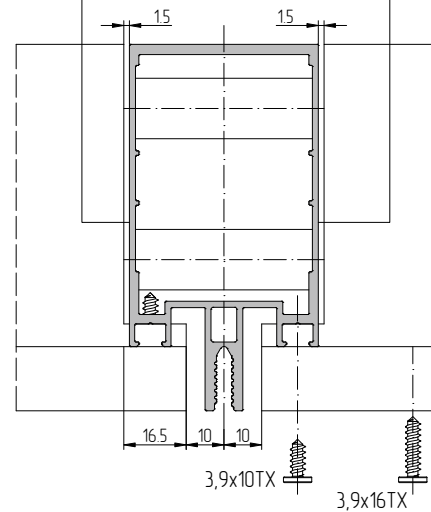
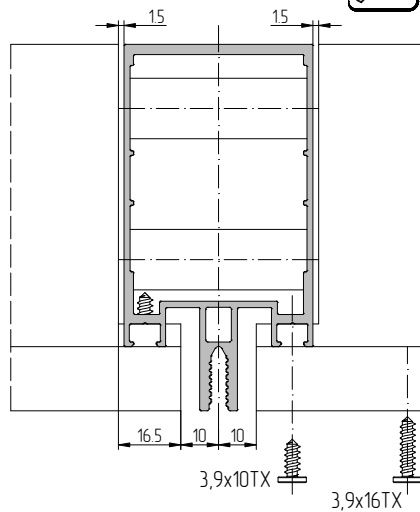
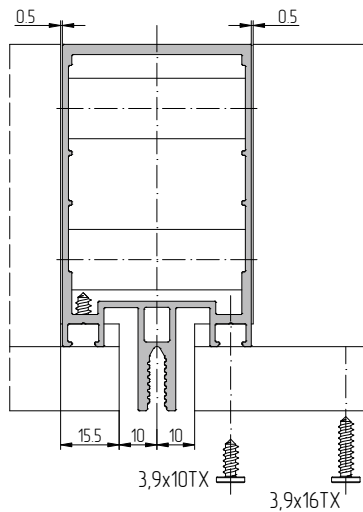
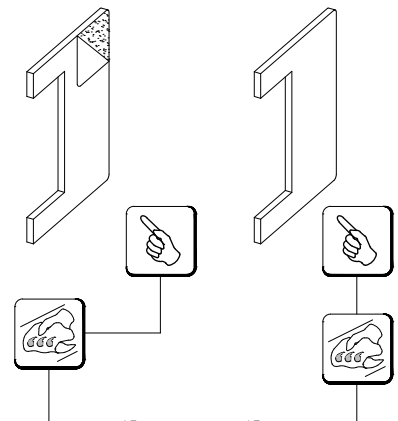
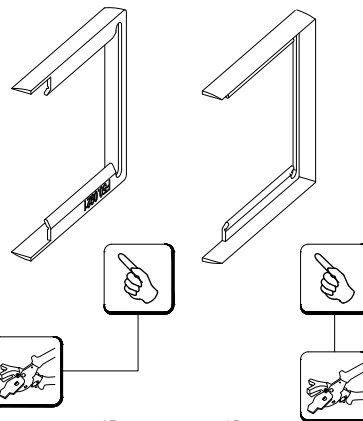
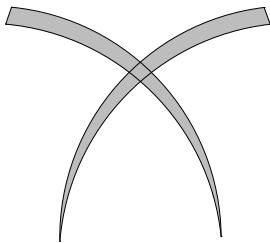
Connection of mullion profiles and 2nd-level transom profiles, milling overlapped with the use of one joining element



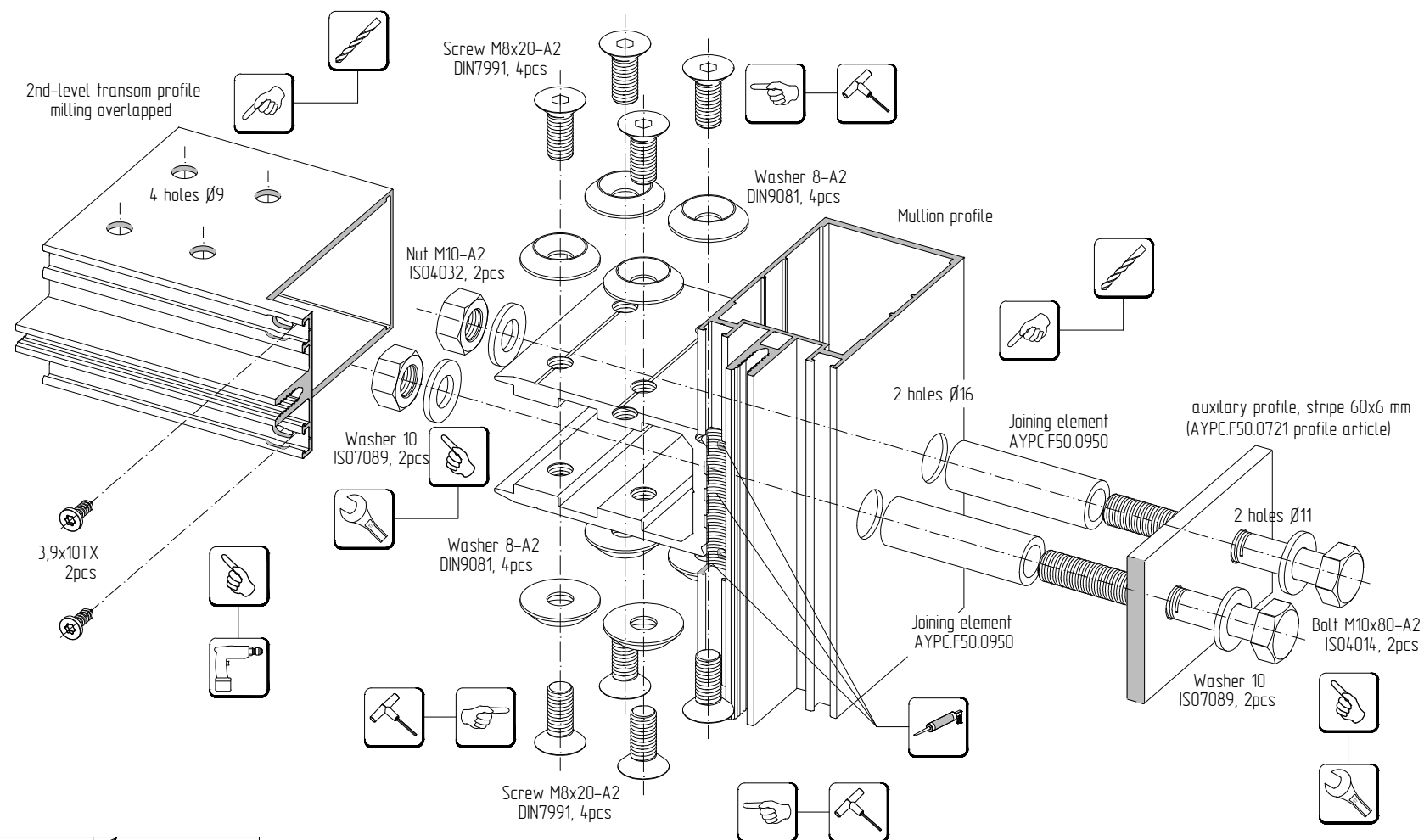
Option A **AluPro - BHC-06/A+**
Without end plugs installation

Option B **AluPro - BHC-06/B+**
With plastic end plugs installation
AYPC.F50.0921 | AYPC.F50.0921-01

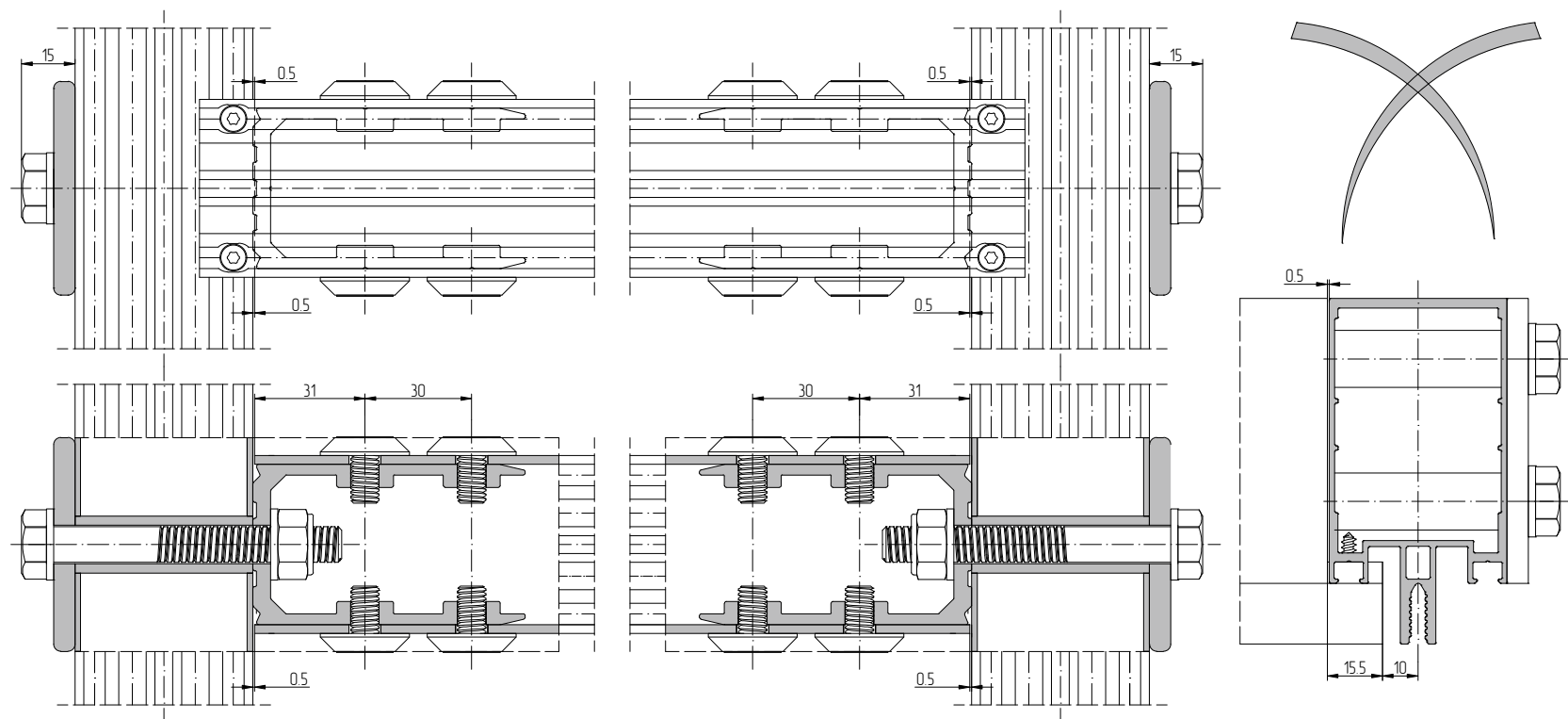
Option C **AluPro - BHC-06/C+**
With soft rubber end plugs installation
AYPC.F50.9921-01 | AYPC.F50.9921-02 | AYPC.F50.9921-03
AYPC.F50.9921-04 | AYPC.F50.9921-05



Connection of mullion profiles and 2nd-level transom profiles, milling overlapped with the use of one joining element



Option A **AluPro - BHC-04/A**
Without end plugs installation

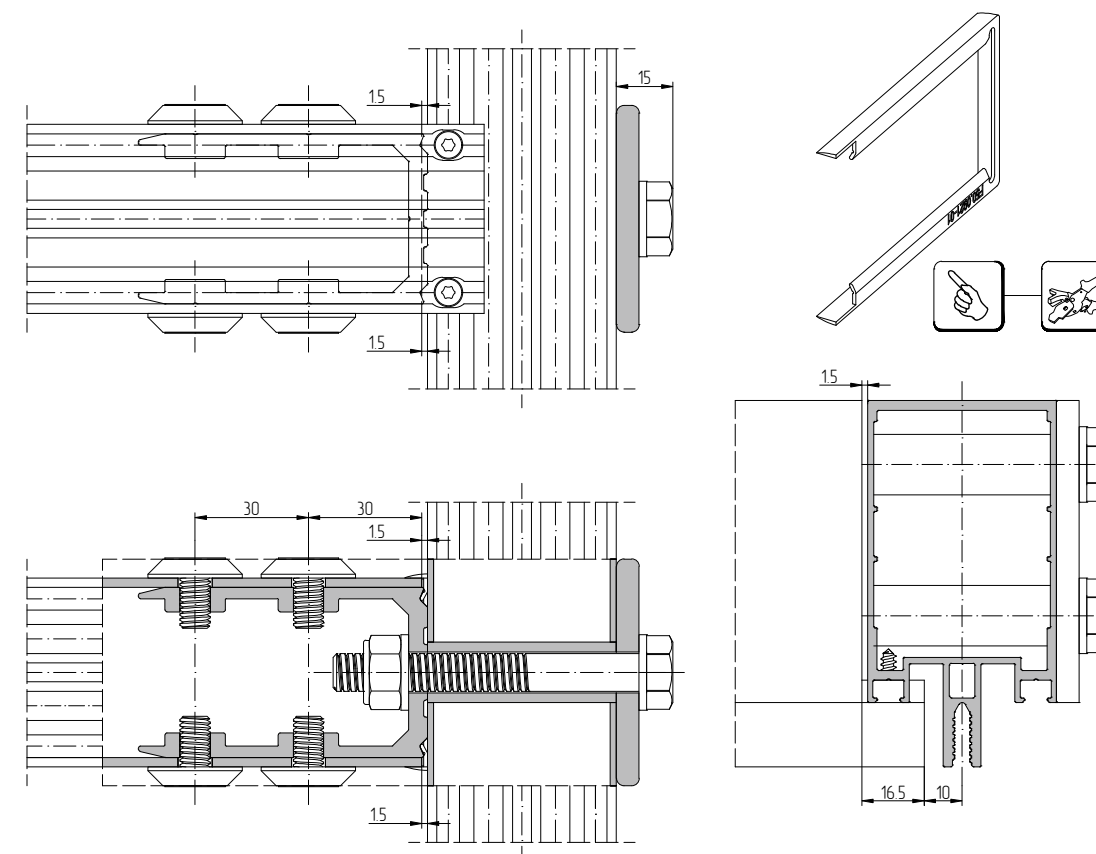


Option B **AluPro - BHC-04/B**

With plastic end plugs installation

AYPC.F50.0921

AYPC.F50.0921-01



Option C **AluPro - BHC-04/C**

With soft rubber end plugs installation

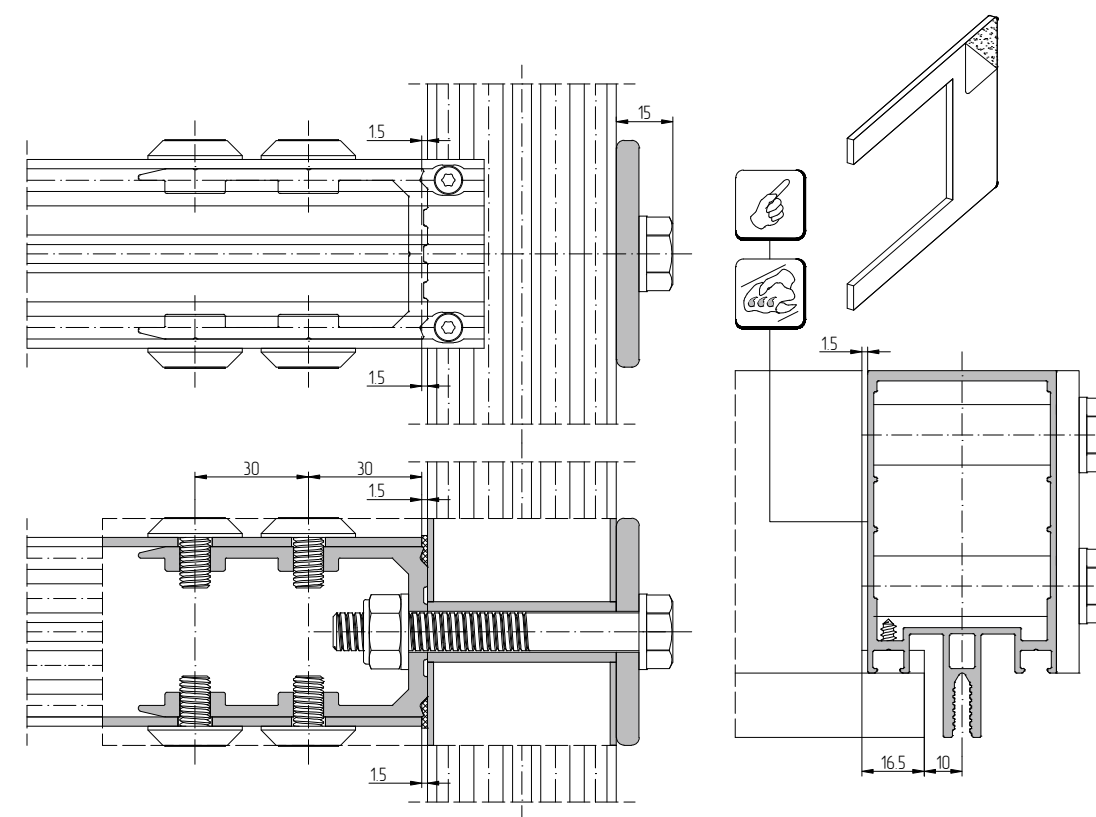
AYPC.F50.9921-01

AYPC.F50.9921-02

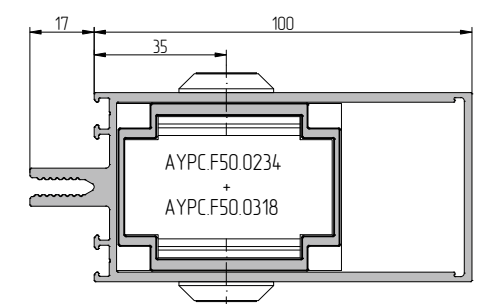
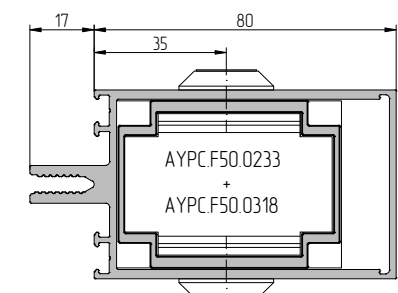
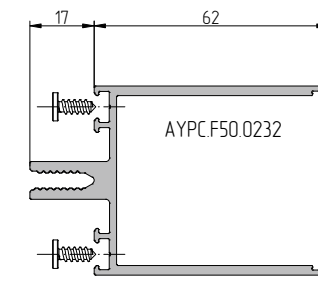
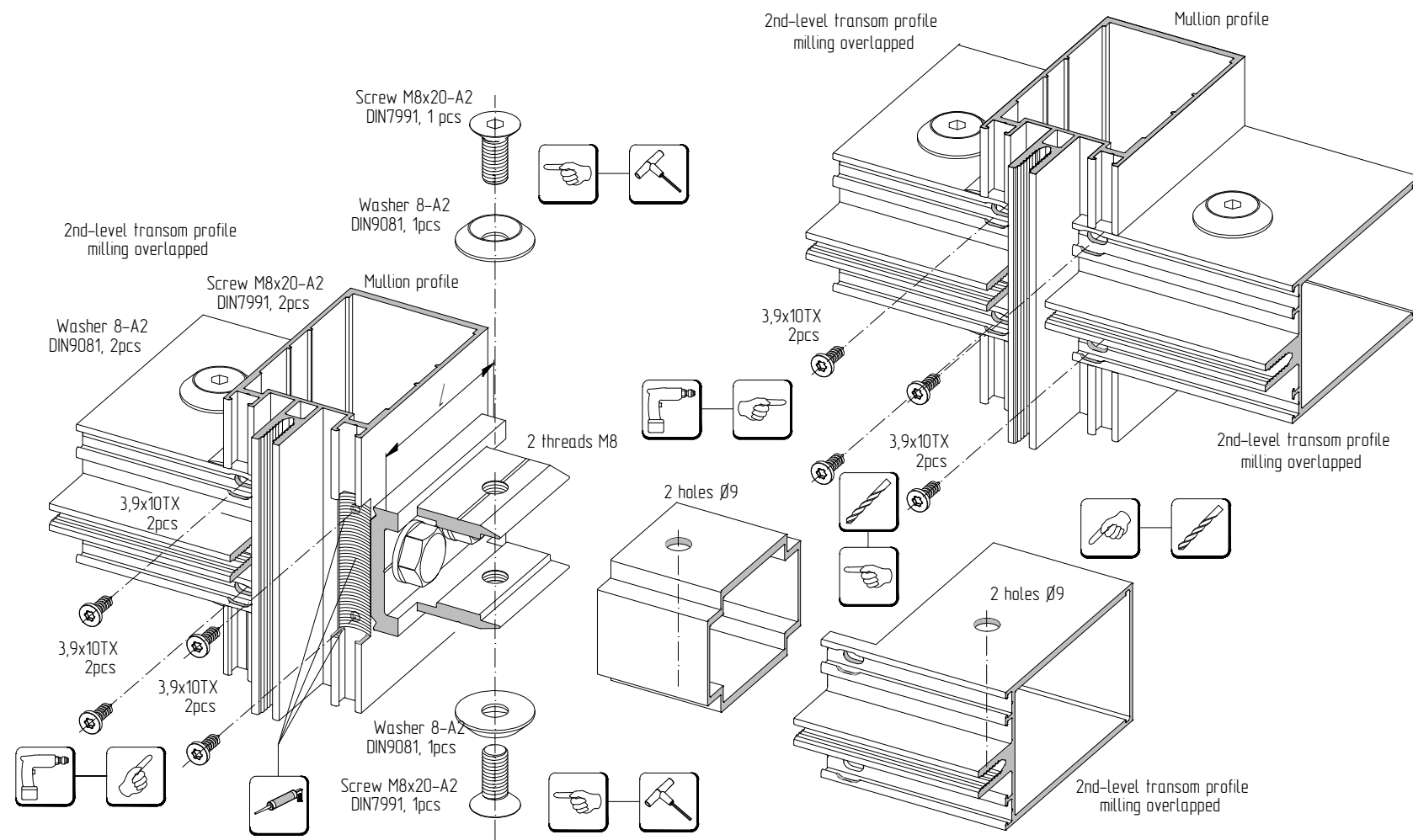
AYPC.F50.9921-03

AYPC.F50.9921-04

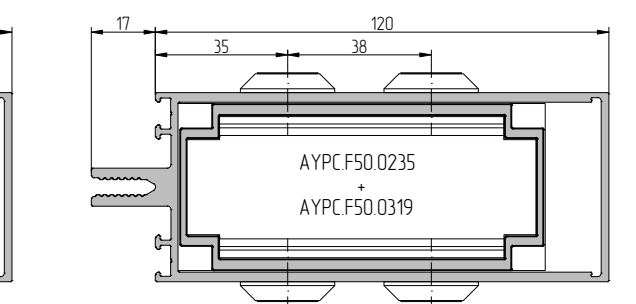
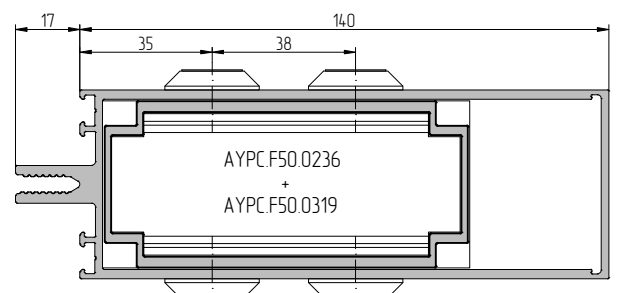
AYPC.F50.9921-05



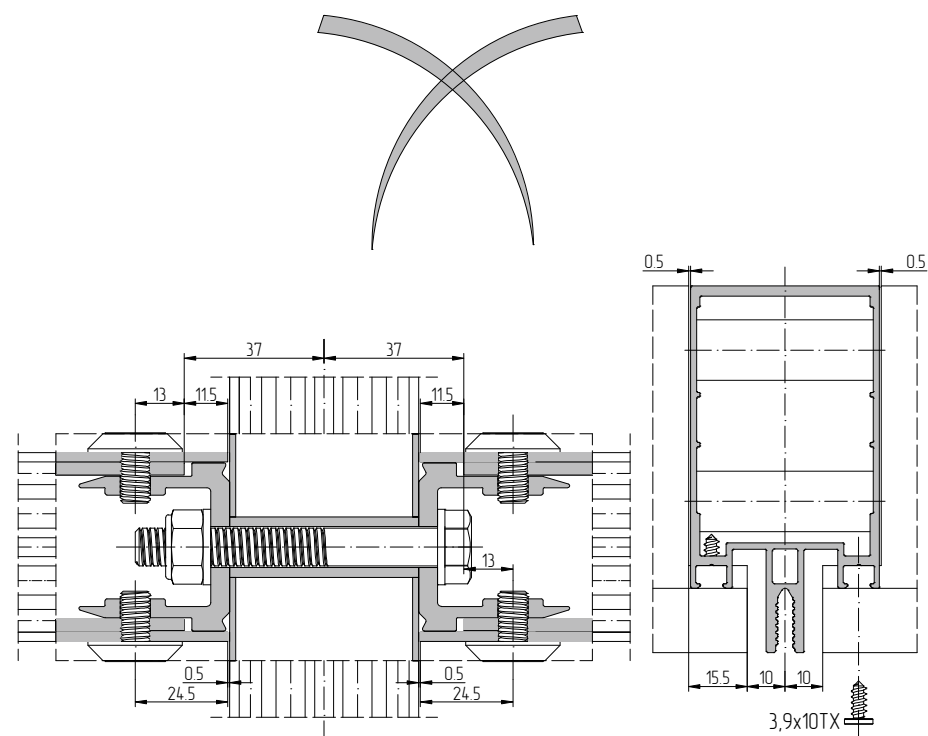
Connection of mullion profiles and 2nd-level transom profiles, milling overlapped with the use of one joining element



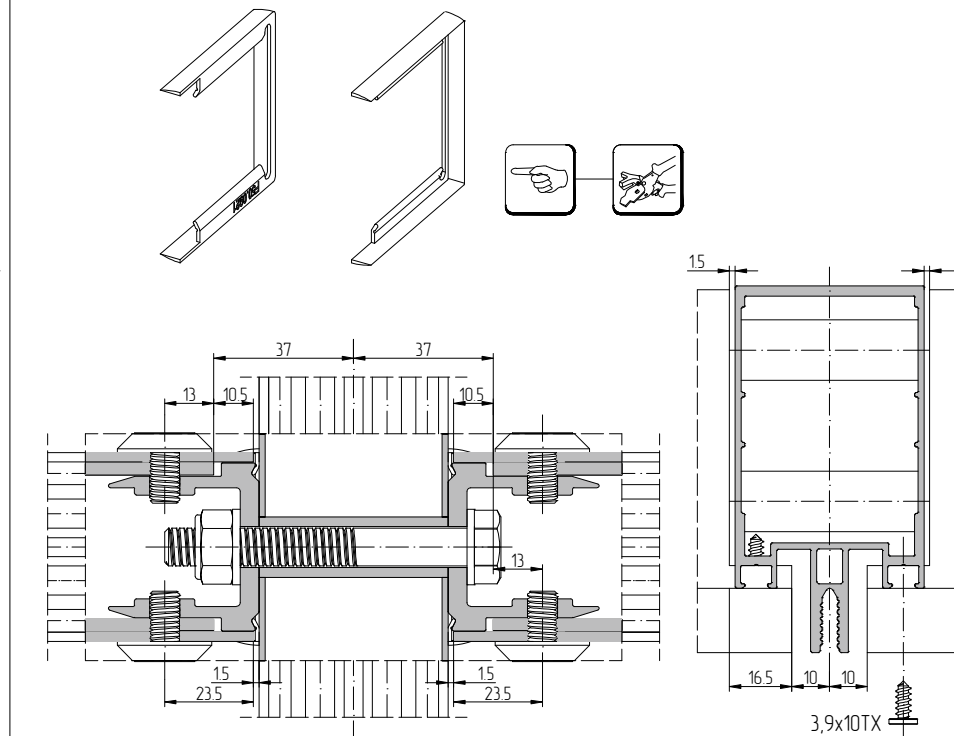
Joining element, manufactured of a AYPC.F50.04.17 profile			
Article	Length L, mm	For transom	For transom
AYPC.F50.9953	58	AYPC.F50.0318	AYPC.F50.0233
			AYPC.F50.0234
AYPC.F50.9953-01	96	AYPC.F50.0319	AYPC.F50.0235
			AYPC.F50.0236



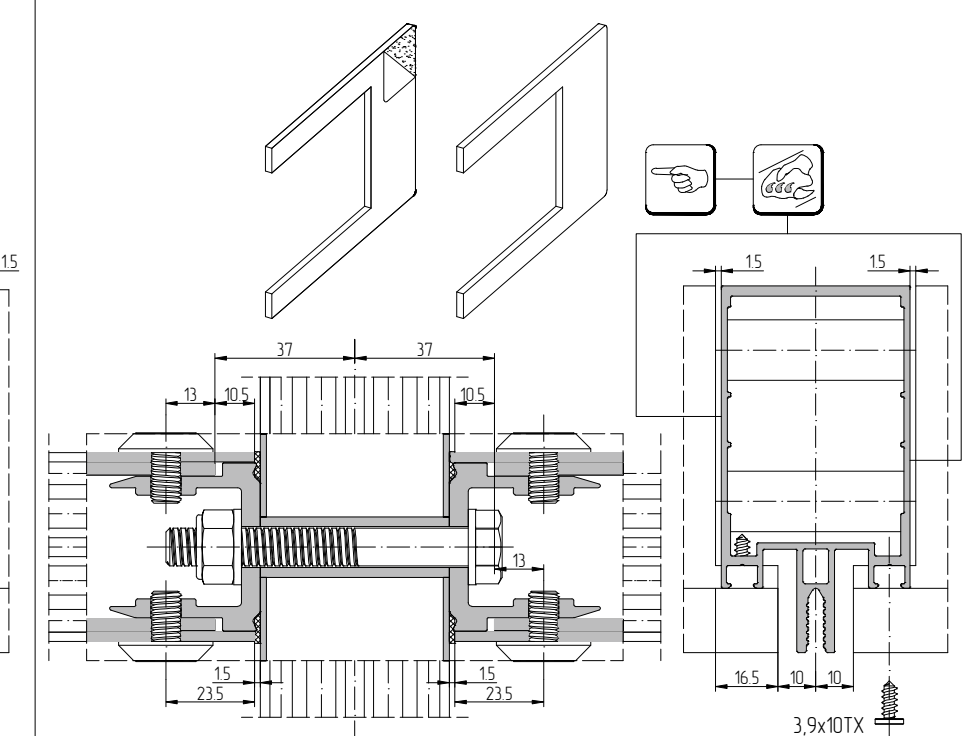
Option A Without end plugs installation



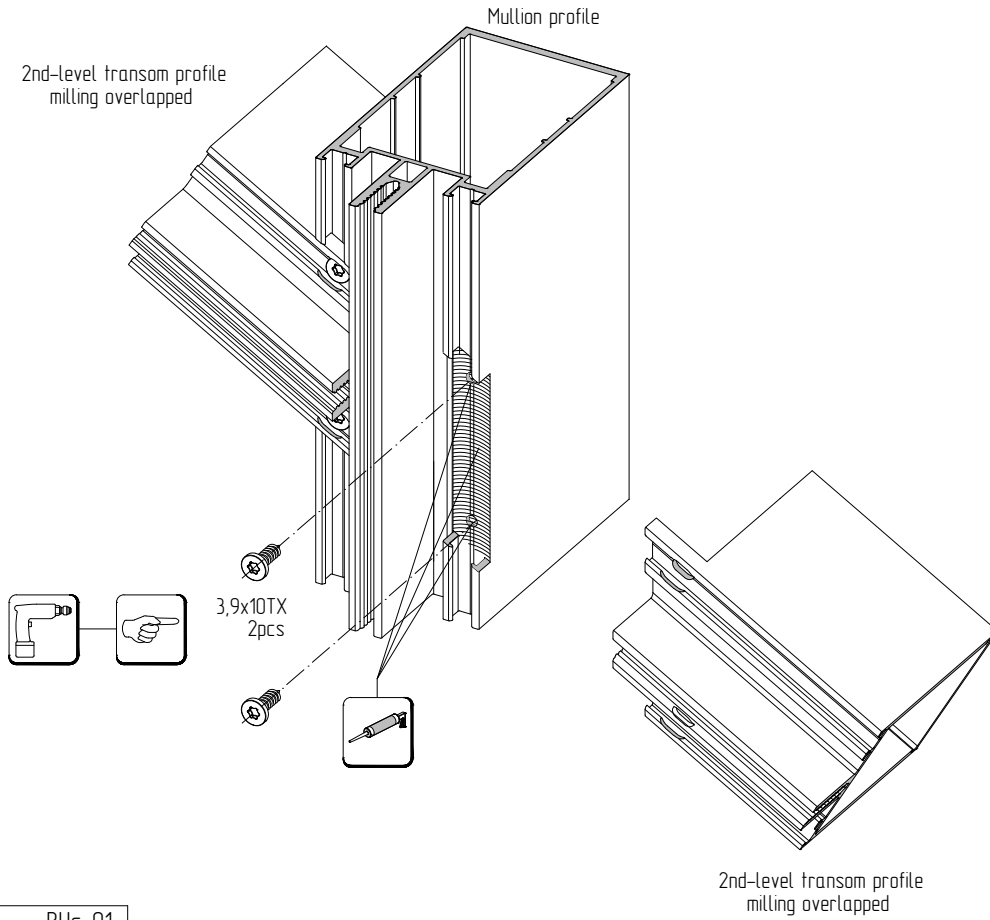
Option B With plastic end plugs installation



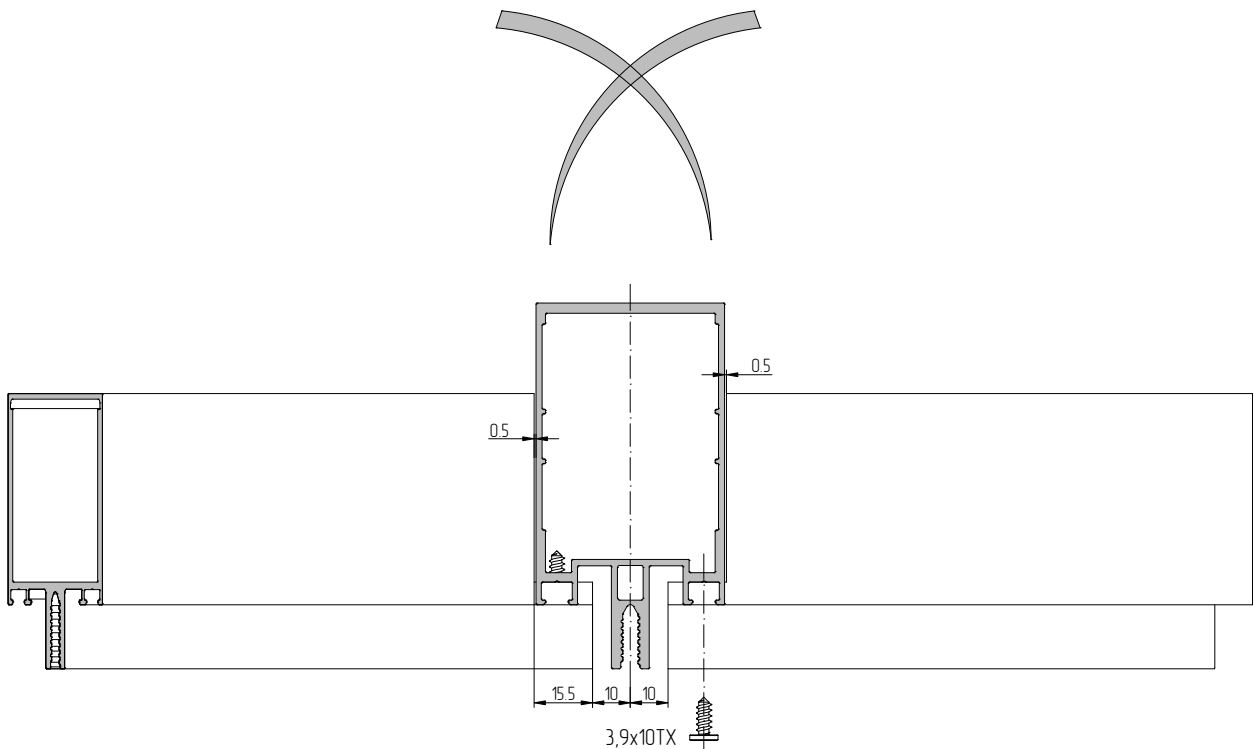
Option C With soft rubber end plugs installation



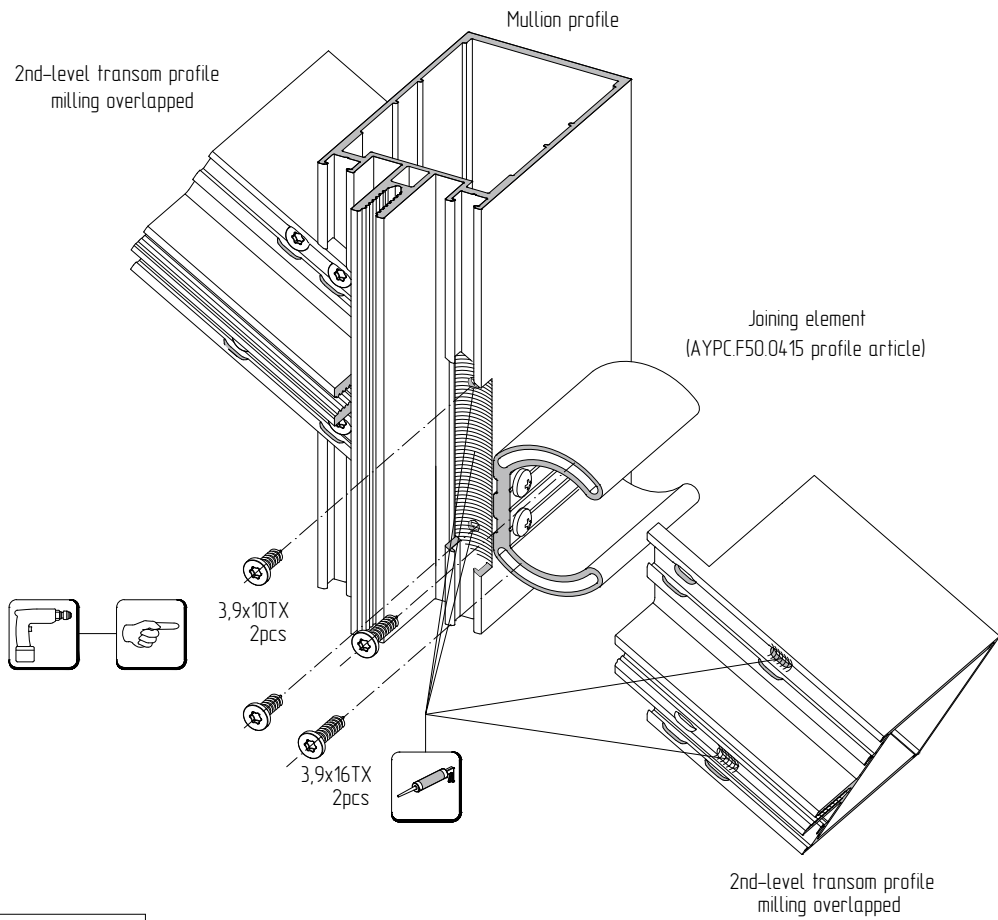
Connection of mullions and inclined 2nd-level transoms, milling overlapped without a joining element



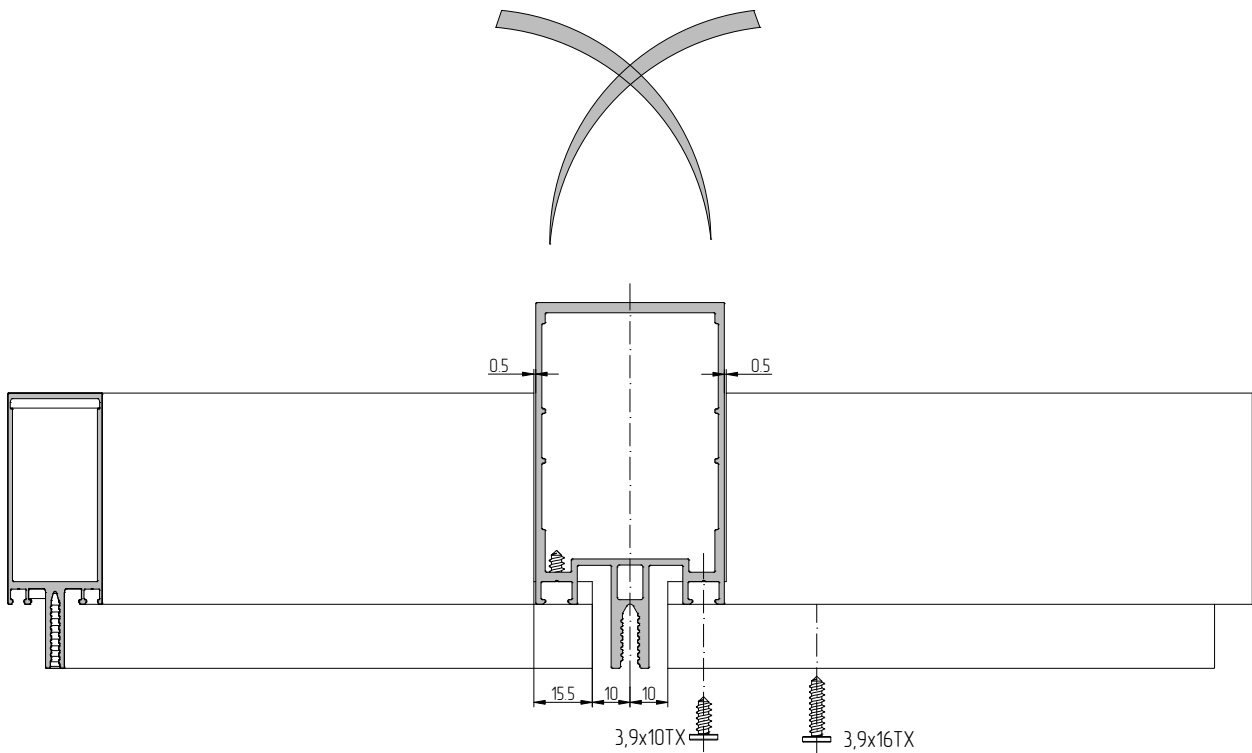
Option A  - BHC-01
Without end plugs installation



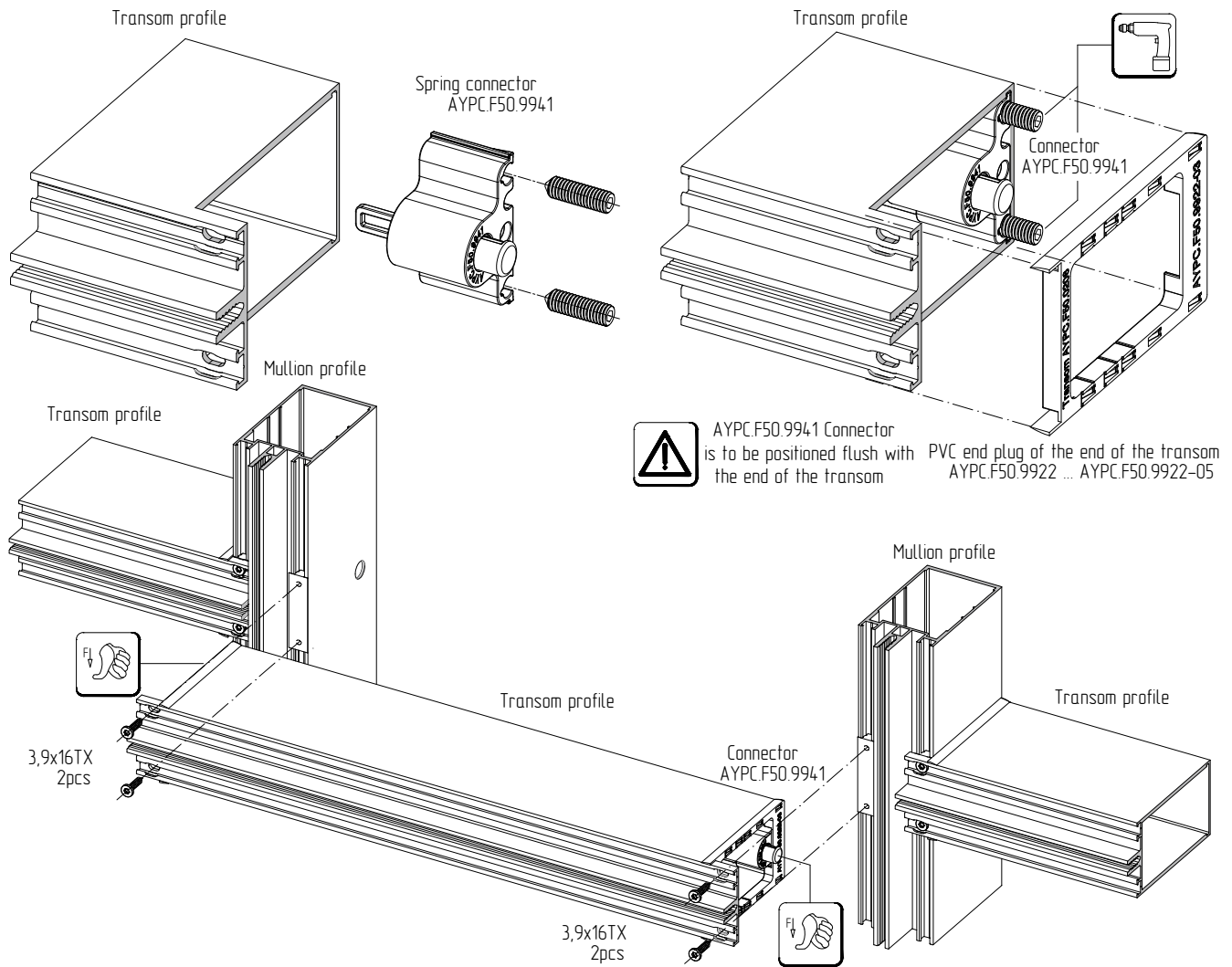
Connection of mullions and inclined 2nd-level transoms, milling overlapped with the use of one joining element



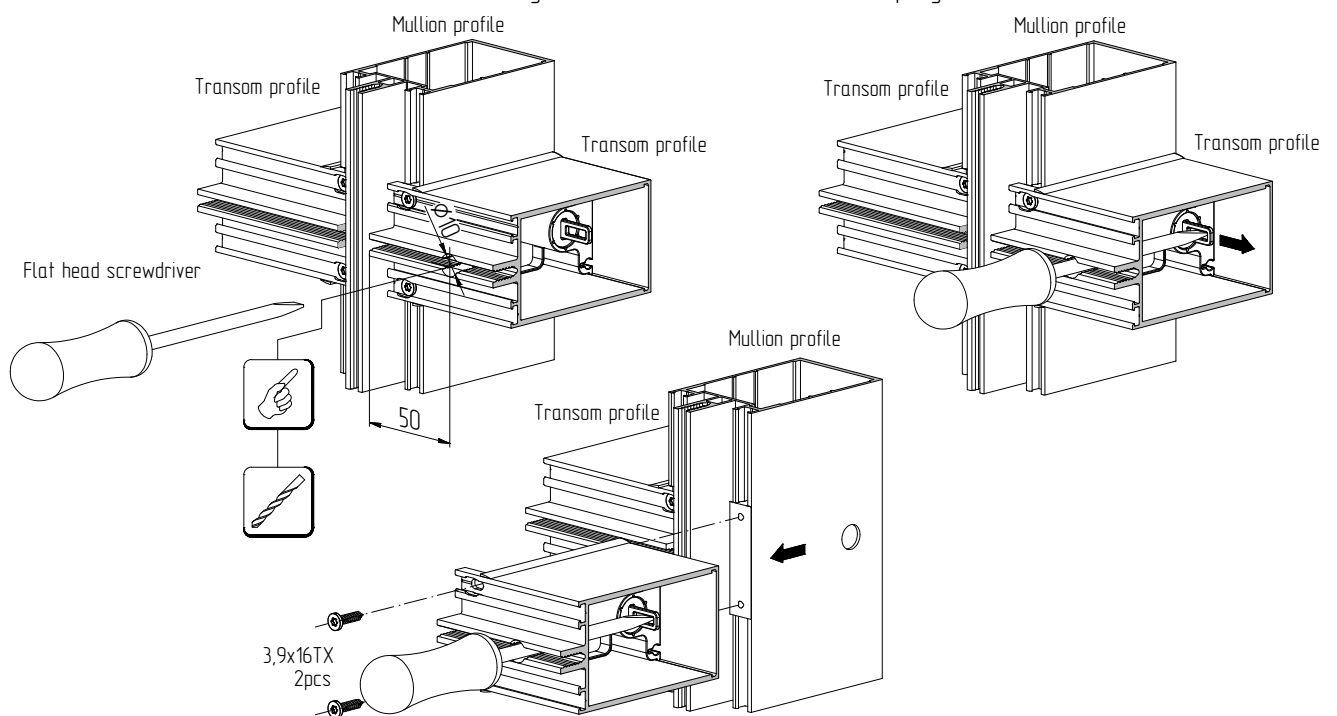
Option A  - BHC-08
Without end plugs installation



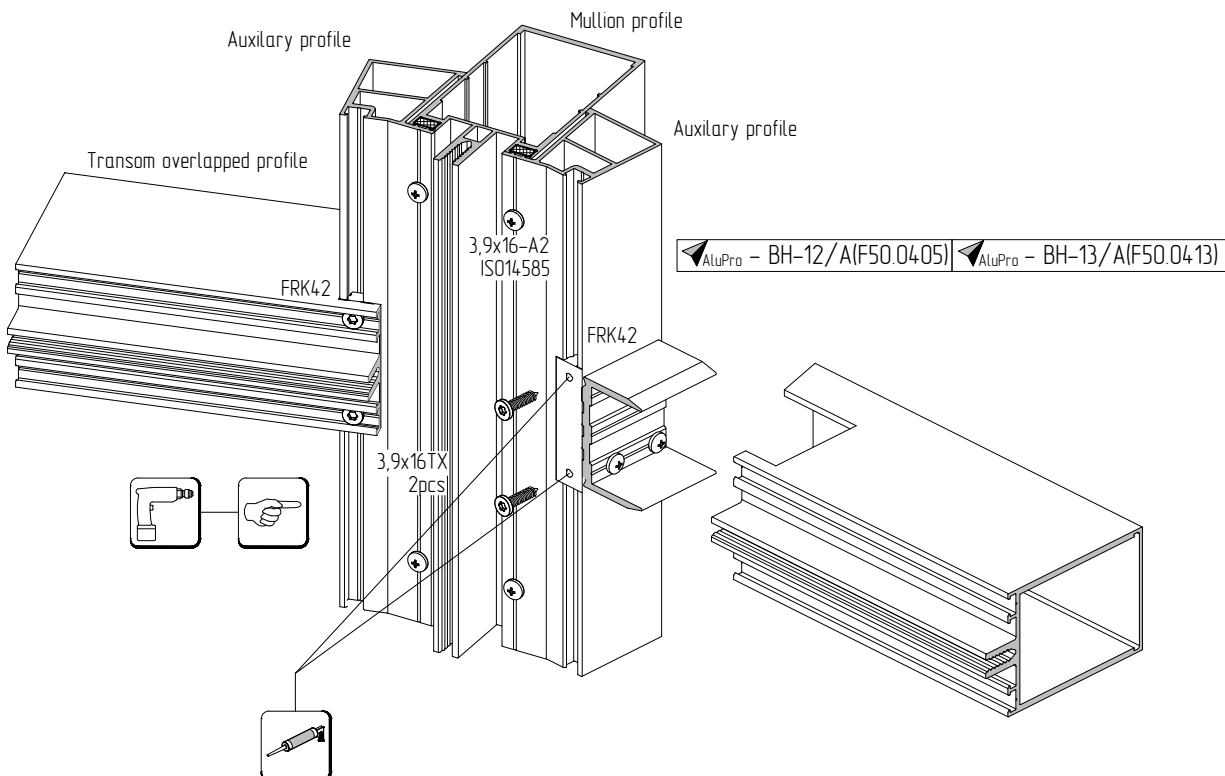
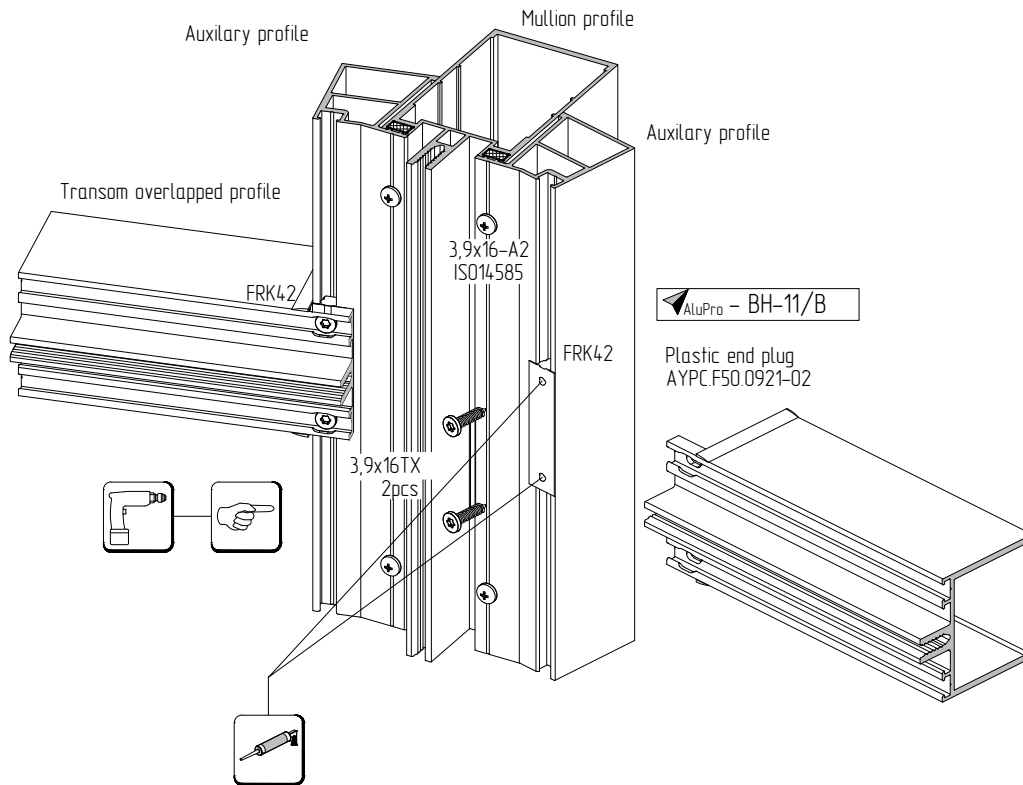
Installation of a AYPC.F50.9941 spring connector on the transom profile



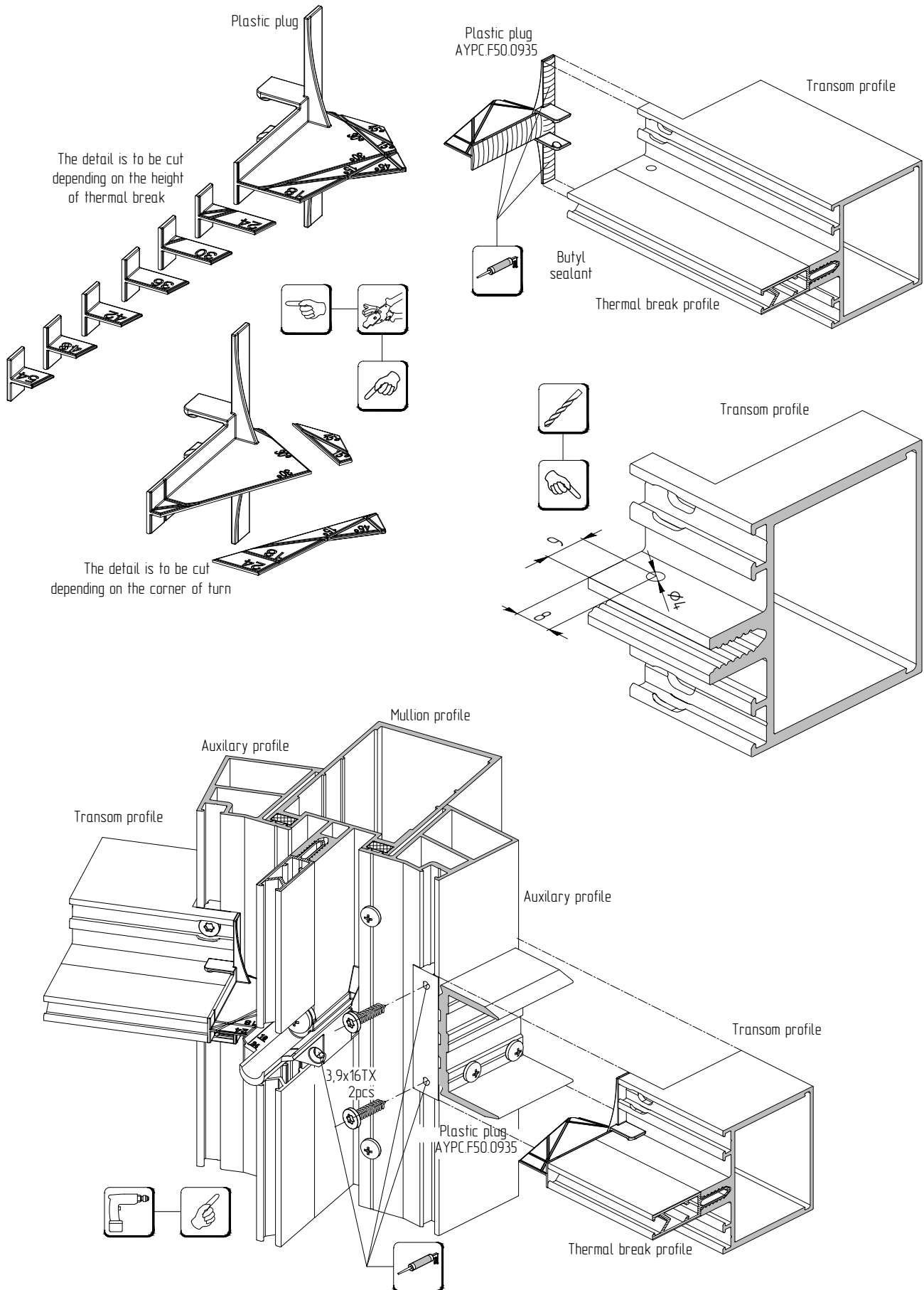
Demounting of transoms with a AYPC.F50.9941 spring connector



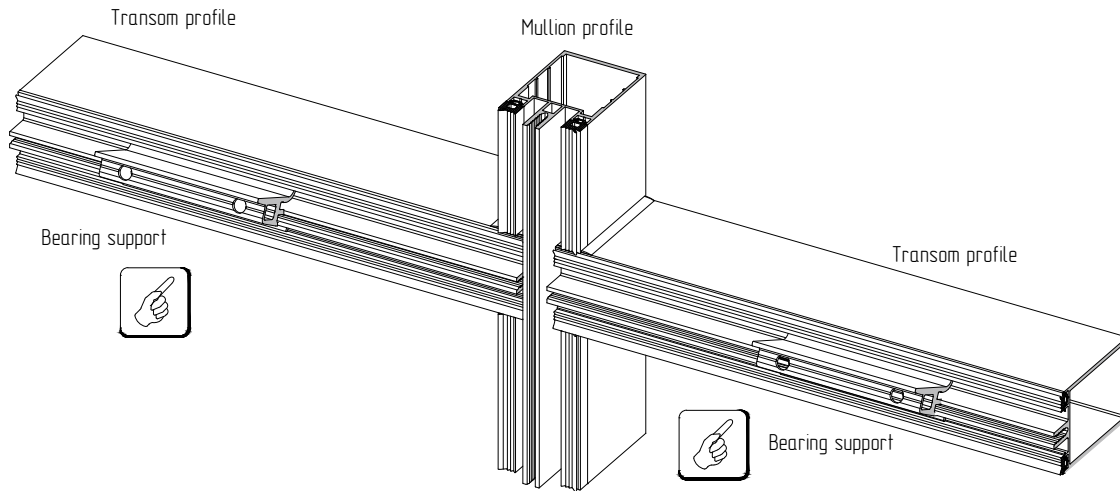
Connection of mullions and transom overlapped with the use of auxiliary profiles



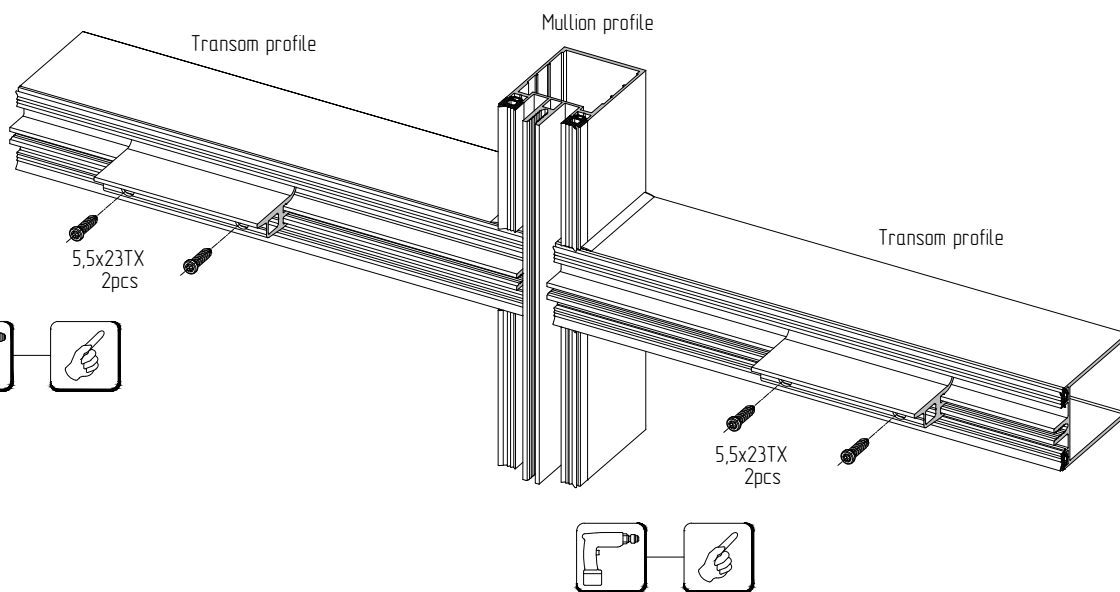
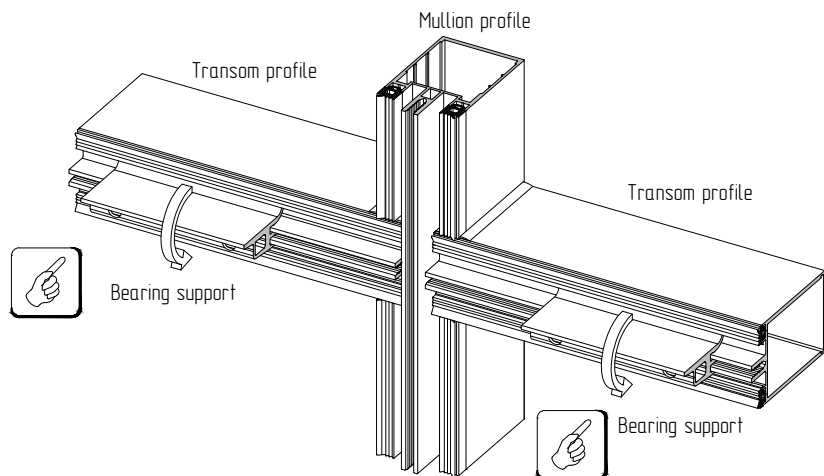
Installation of the AYPC.F50.0935 plug at internal fixed corners of turn of the structure 90°, 120° and 150°



The sequence of installation of reinforced bearing supports for infill units with thickness of 28-68mm for straight glazing structure

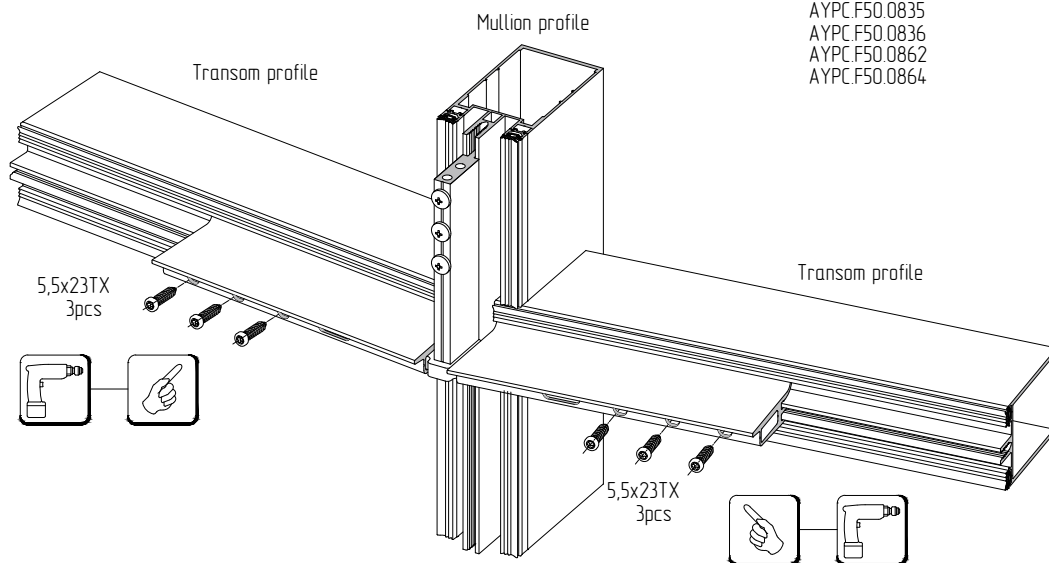
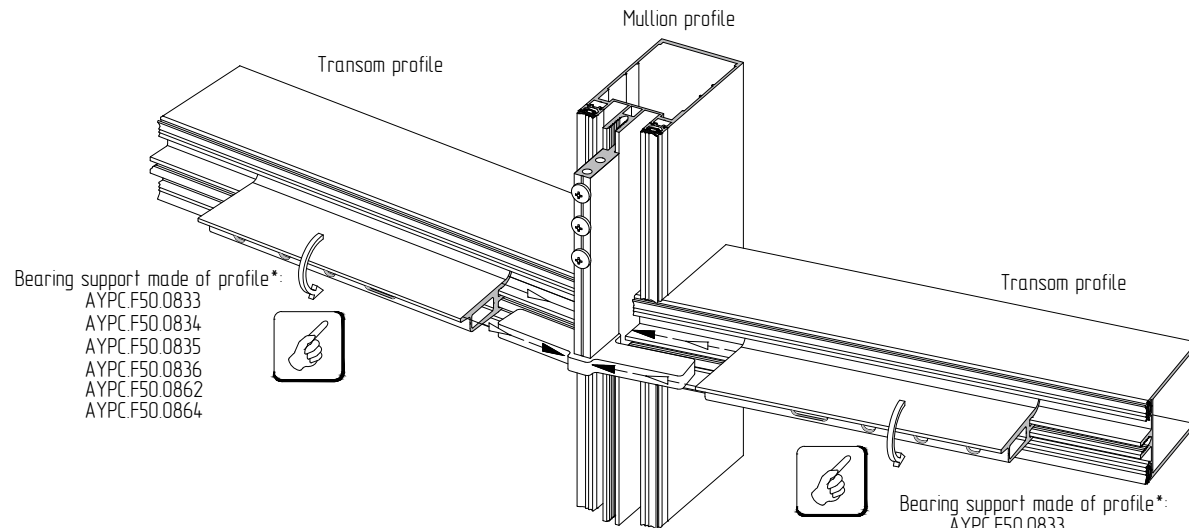
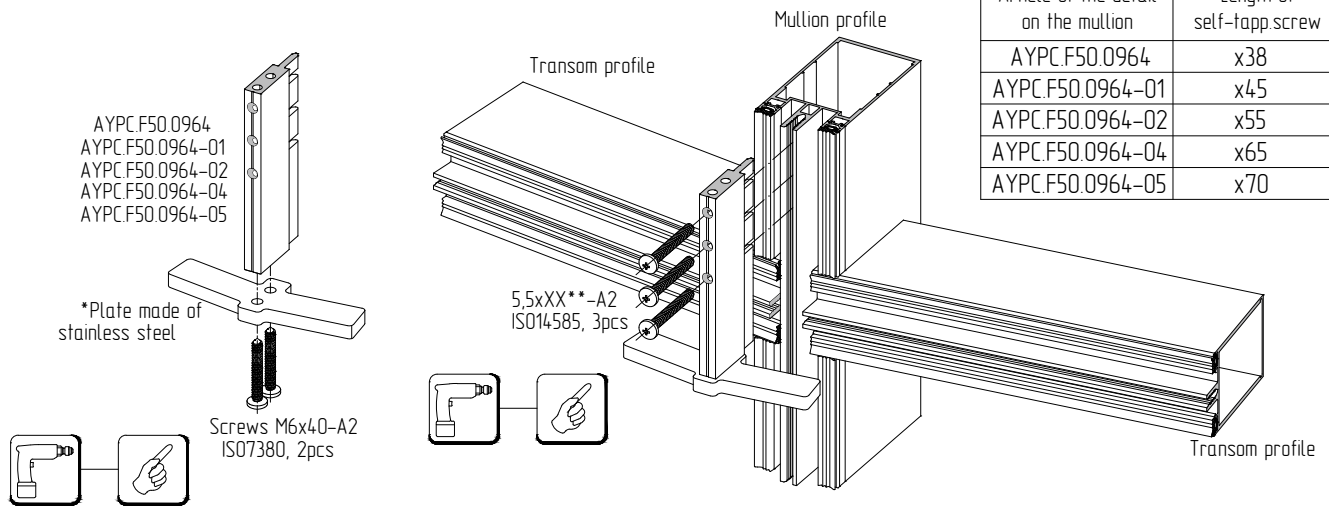


Infill unit thickness, mm	Bearing support article	Self-tapping screw for fixing
28-32	AYPC.F50.9971	5,5x23TX
34-38	AYPC.F50.9972	
40-44	AYPC.F50.9973	
46-50	AYPC.F50.9974	
52-56	AYPC.F50.9975	
58-62	AYPC.F50.9976	
64-68	AYPC.F50.9977	



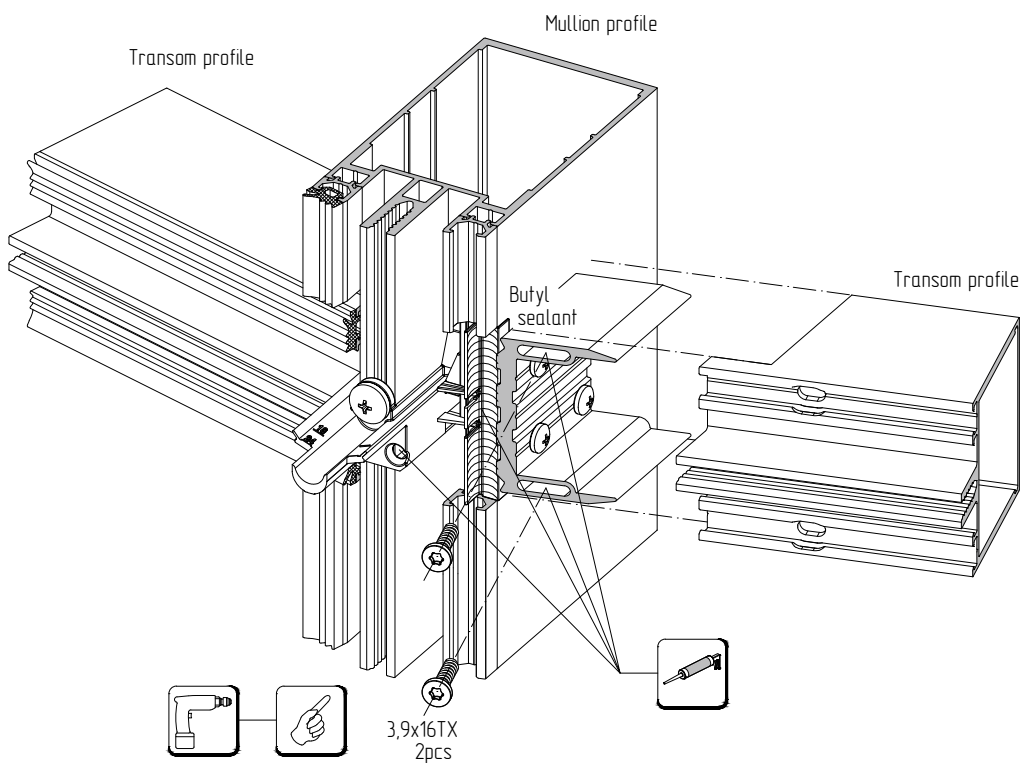
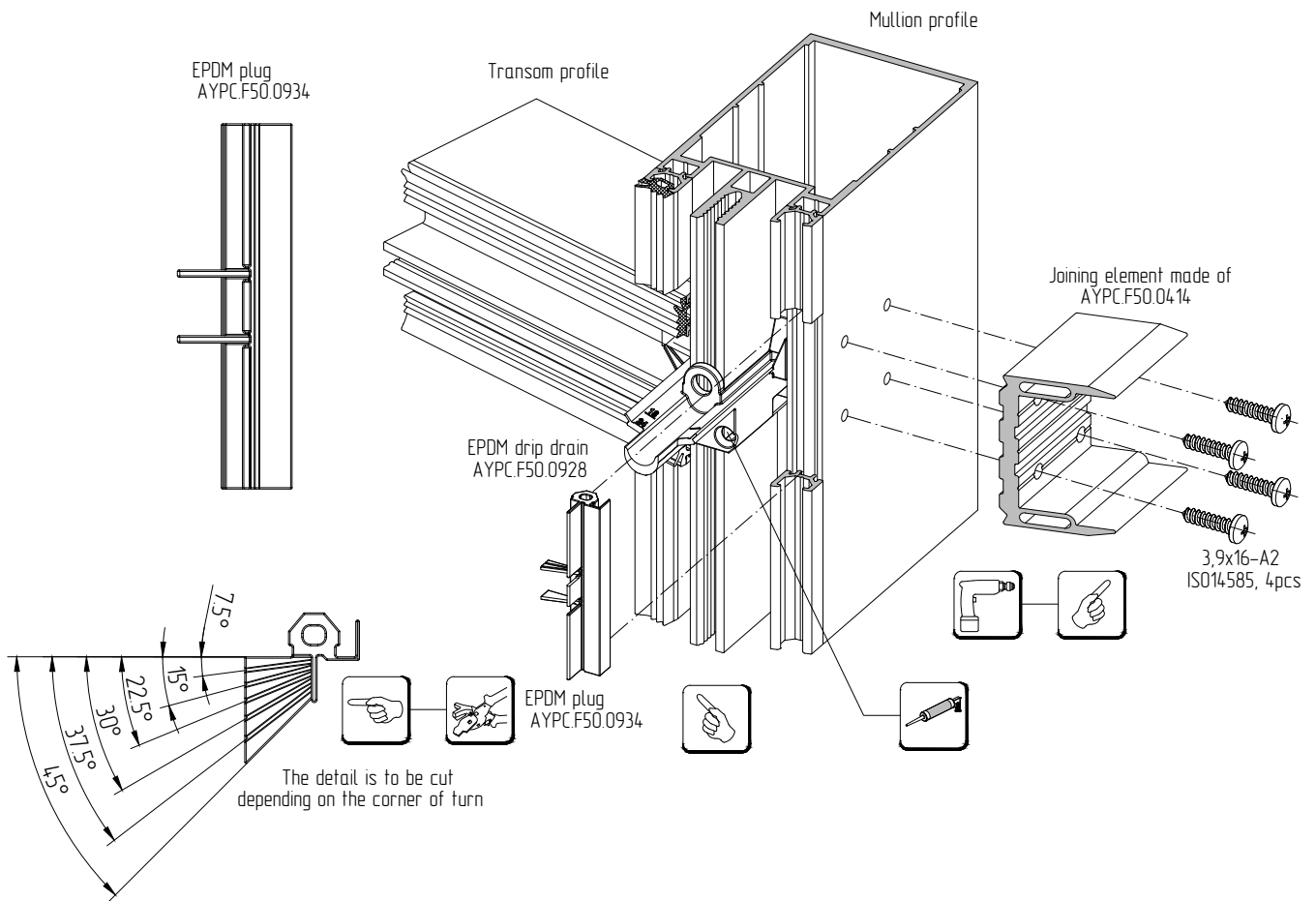
The sequence of fixing joint assembly of reinforced bearing supports for infill units with thickness of 40–68mm at the break of glazing structure

Article of the detail on the mullion	**Length of self-tapp screw
AYPC.F50.0964	x38
AYPC.F50.0964-01	x45
AYPC.F50.0964-02	x55
AYPC.F50.0964-04	x65
AYPC.F50.0964-05	x70

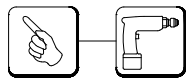
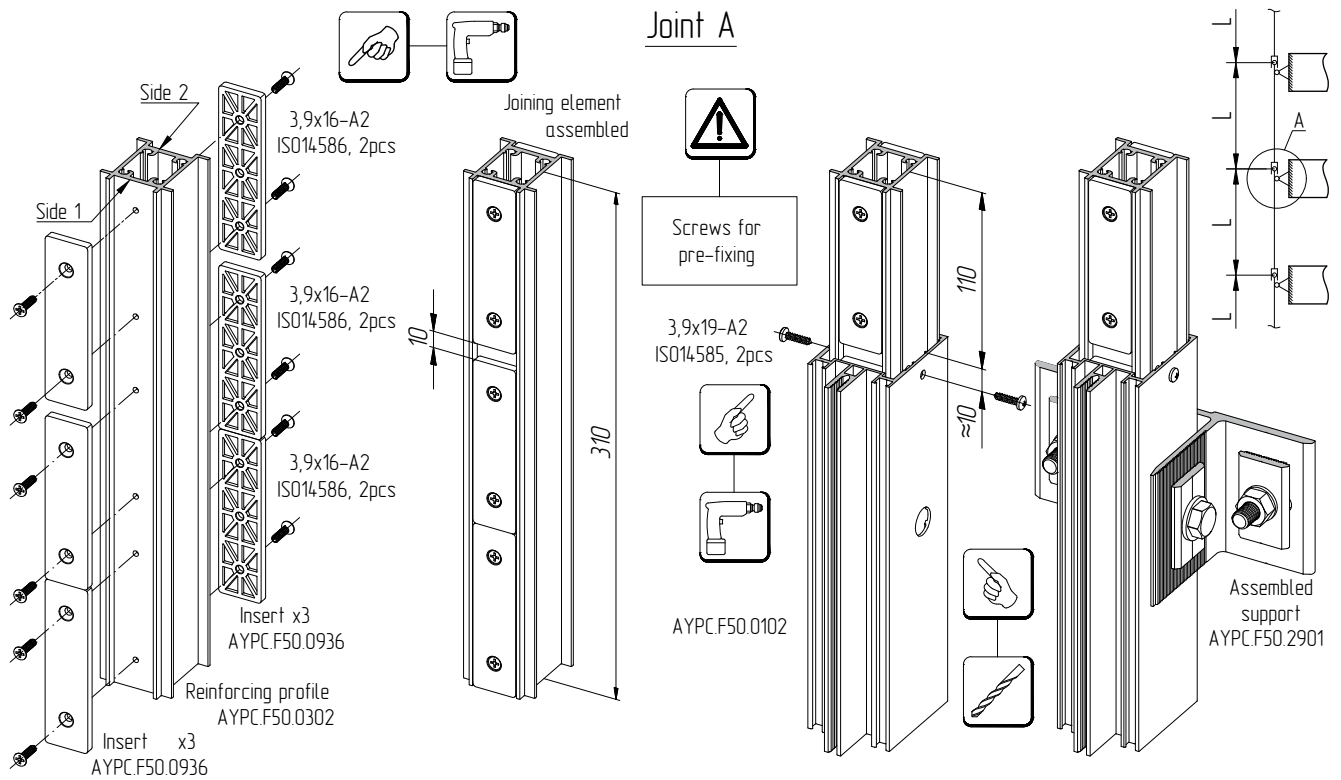


*Manufactured custom-made depending on the corner of turn of the construction

Installation of the AYPC.F50.0934 plug at external corner of turn of the structure



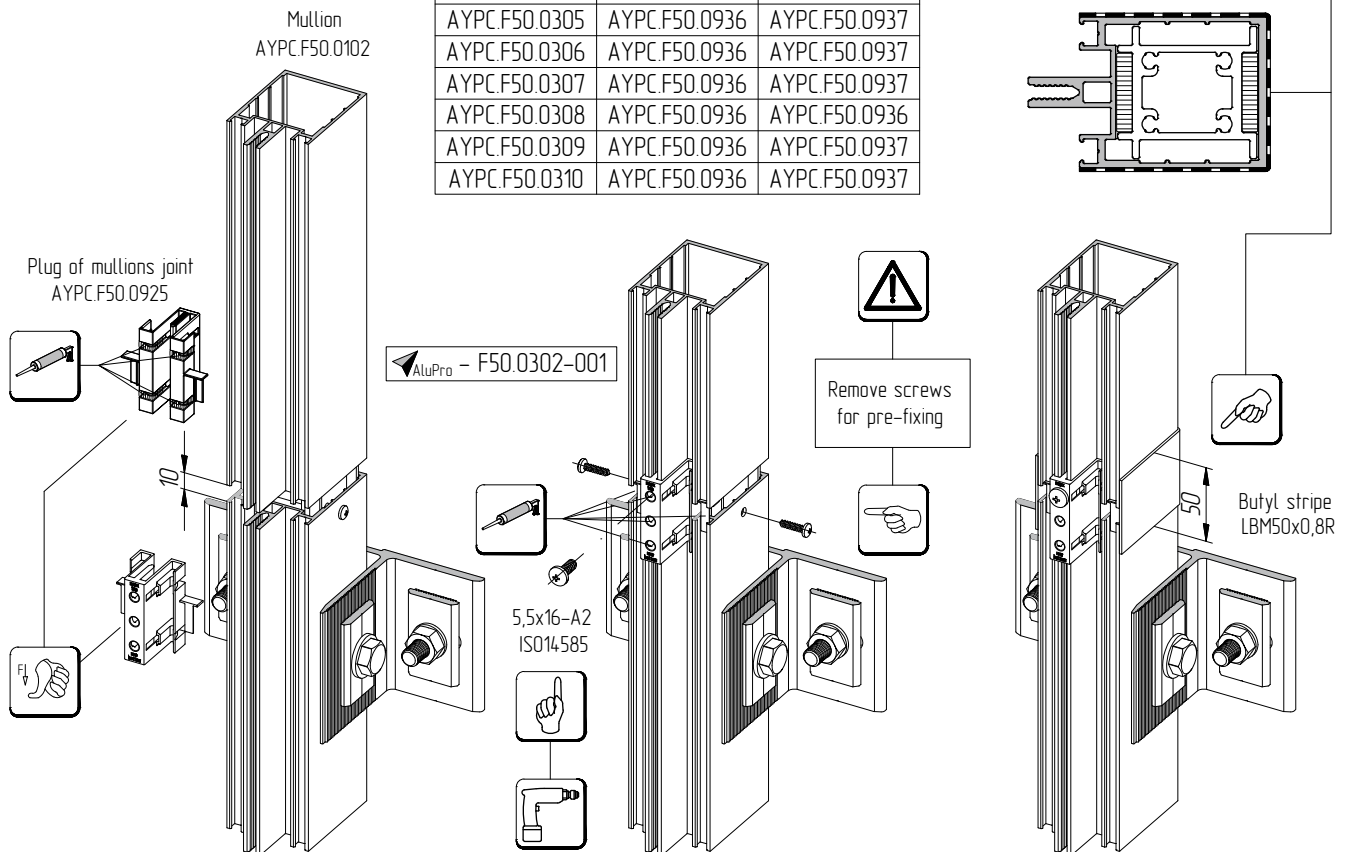
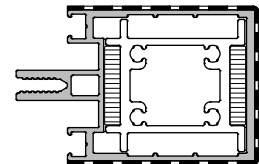
The sequence of fixing joint assembly of two mullions at height at single-span section scheme of glazing fixation



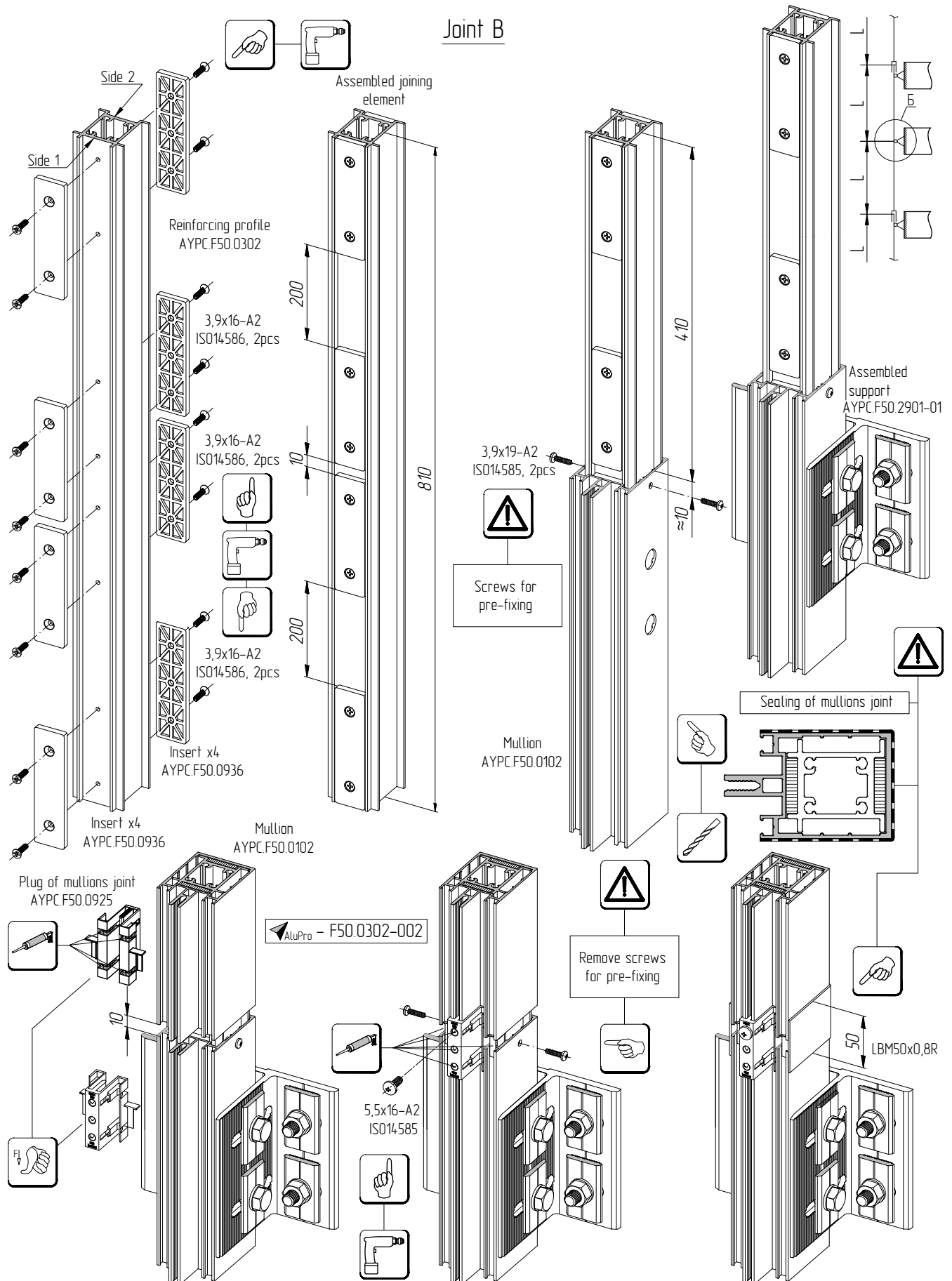
Reinforcing profile	Distance insert	
	Side 1	Side 2
AYPC.F50.0302	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0303	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0304	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0305	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0306	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0307	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0308	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0309	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0310	AYPC.F50.0936	AYPC.F50.0937



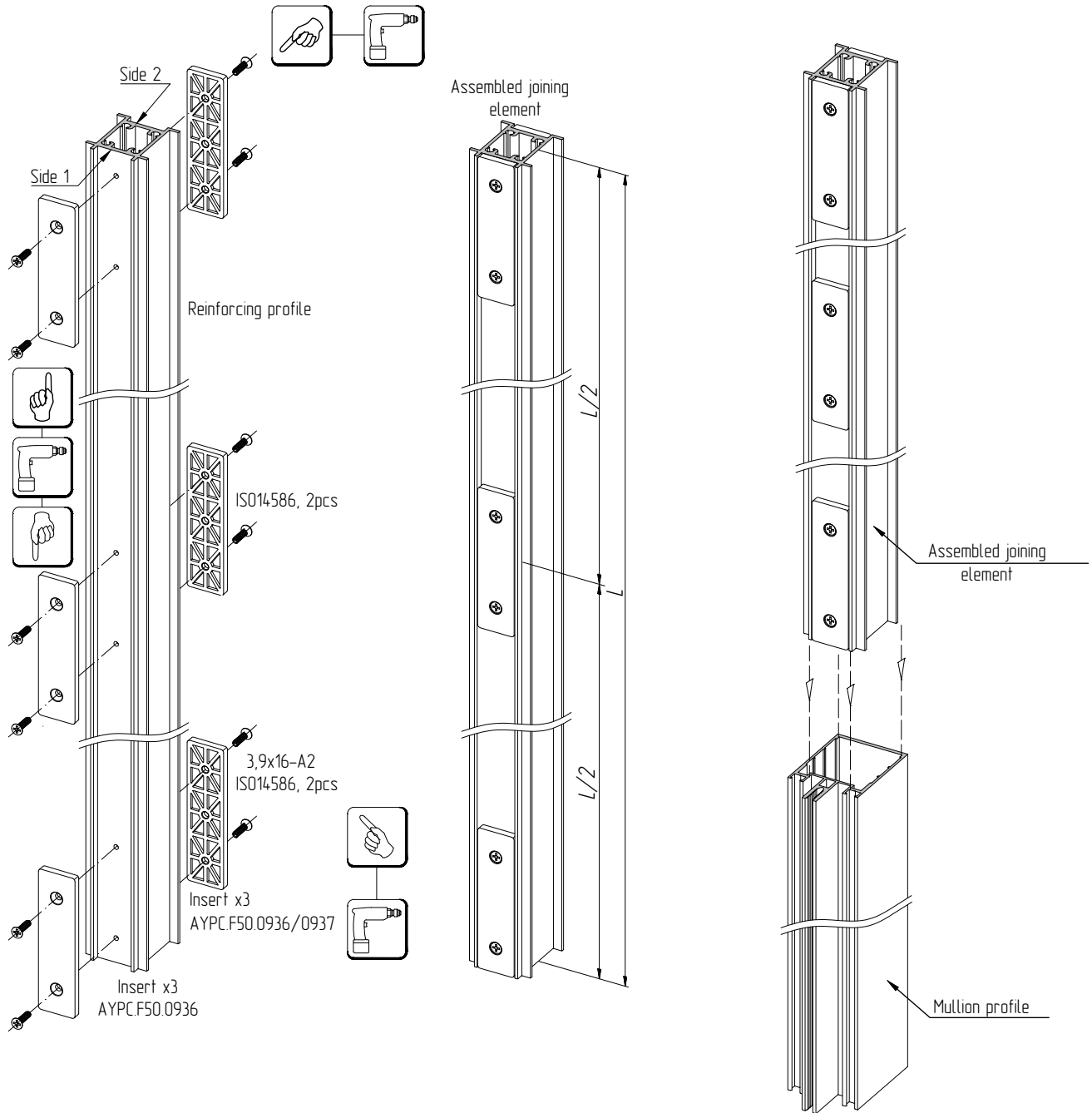
Sealing of mullions joint



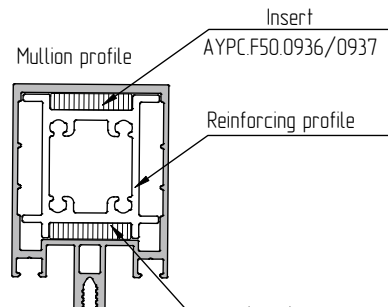
The sequence of fixing joint assembly of two mullions at height at multi-span non-sectional scheme of glazing fixation



The sequence of joining element assembly when it used as a reinforcer for a mullion



Reinforcing profile	Distance insert	
	Side 1	Side 2
AYPC.F50.0302	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0303	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0304	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0305	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0306	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0307	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0308	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0309	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0310	AYPC.F50.0936	AYPC.F50.0937



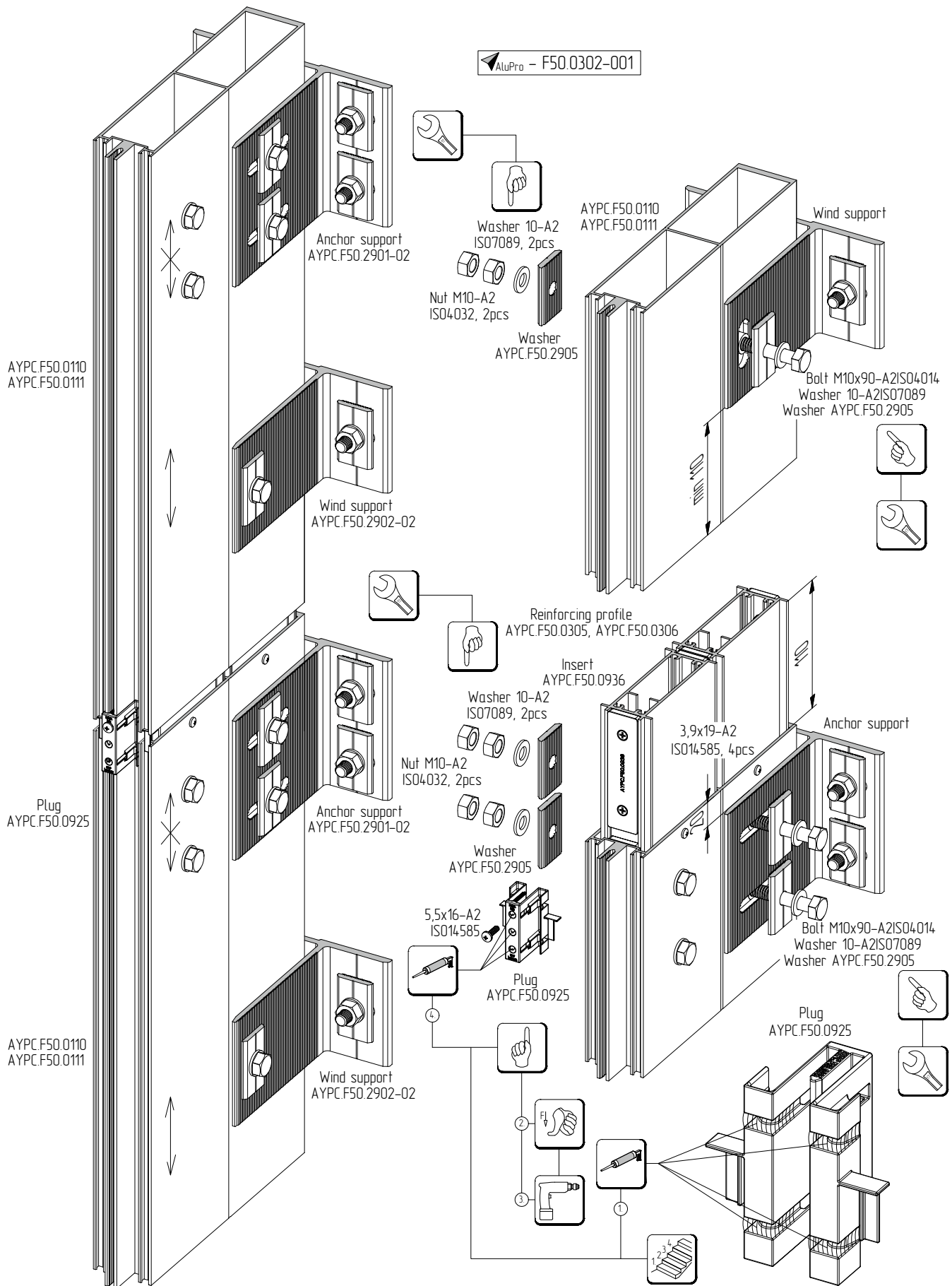
The applicability of the reinforcing profile depending on the type of design scheme

Single-span scheme		Double-span scheme		Double-span scheme	
fixing into the floor slab	fixing into the opening	fixing into the floor slab	fixing into the floor slab	fixing into the opening	fixing into the opening

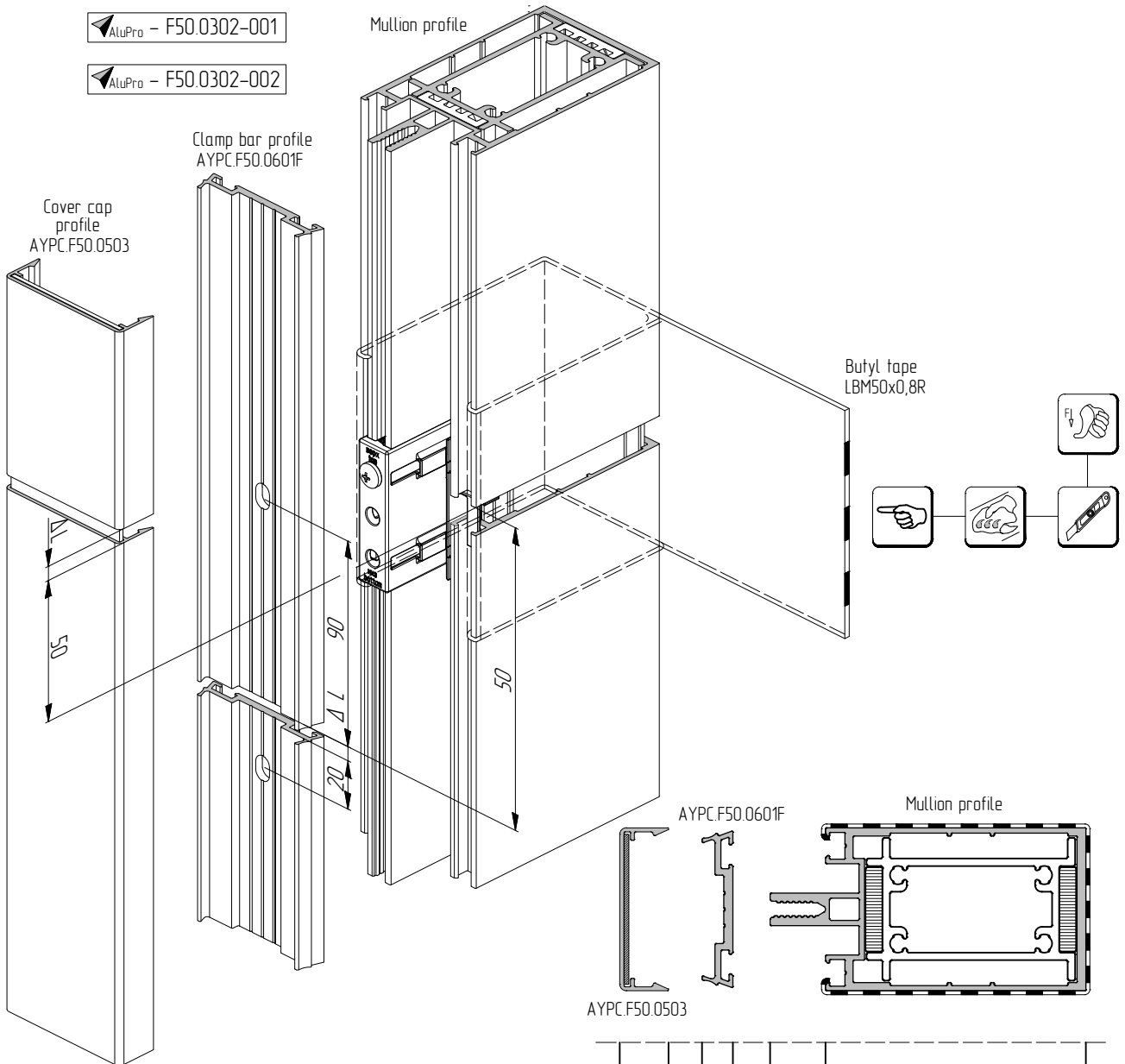
The formula for calculating the bending deflection of the mullion (f) depending on the type of design scheme

$f=5ql^4/384EJ_x$	$f=5ql^4/384EJ_x$	$f=ql^4/185EJ_x$	$f=5ql^4/576EJ_x$	$f=ql^4/185EJ_x$	$f=5ql^4/576EJ_x$	$f=ql^4/185EJ_x$	$f=5ql^4/576EJ_x$	$f=ql^4/185EJ_x$	$f=5ql^4/576EJ_x$

Vertical joint assembly and installation of supports on AYPC.F50.0110, AYPC.F50.0111 mullions



Straight vertical connection of mullion profiles, clamp bar and cover caps



$$\Delta L = L_0 \times \lambda \times \Delta T$$

$$\Delta T = T - T_1$$

L_0 - profile cut length [mm]

λ - coefficient of linear expansion of aluminium
profile 2.3×10^{-5} [1/°C]

ΔT - temperature difference [°C]

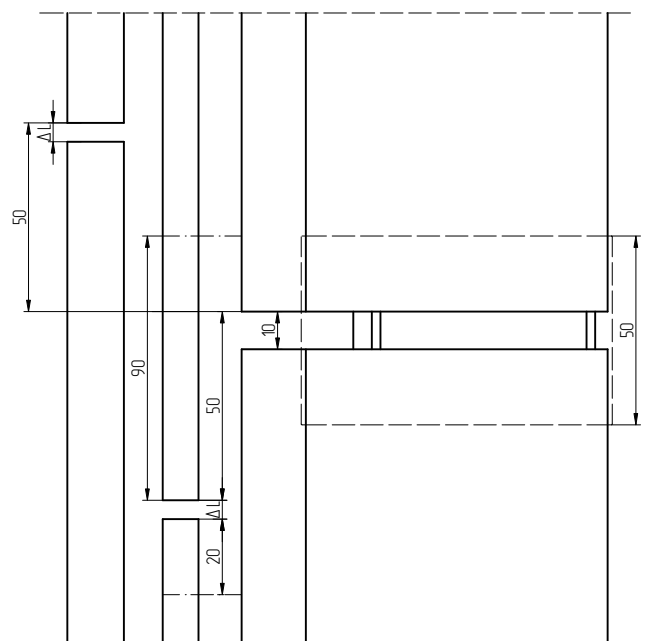
T - profile cutting temperature [°C]

T_1 - max. temperature of curtain wall surface [°C]

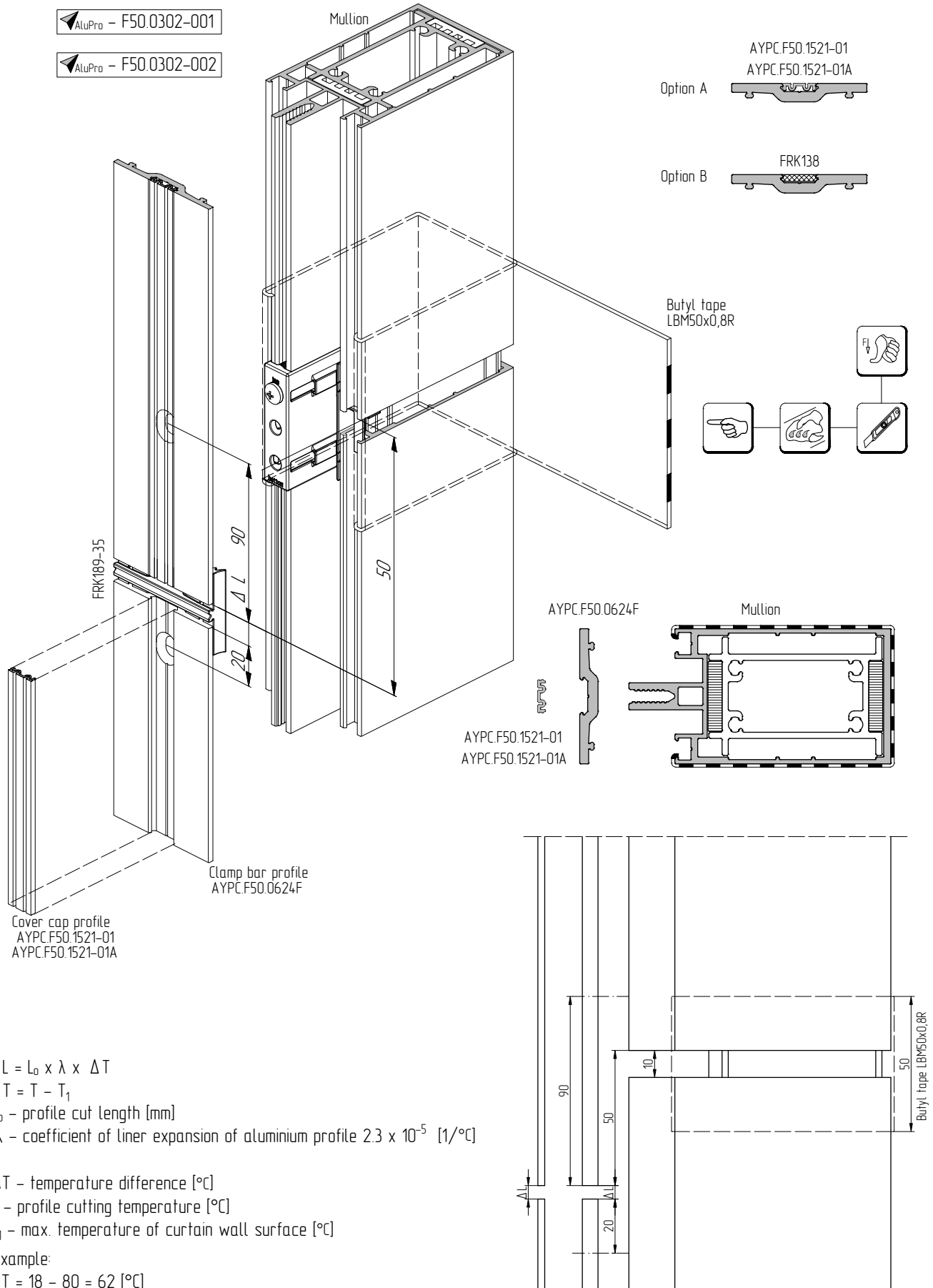
Example:

$$\Delta T = 18 - 80 = 62 \text{ [°C]}$$

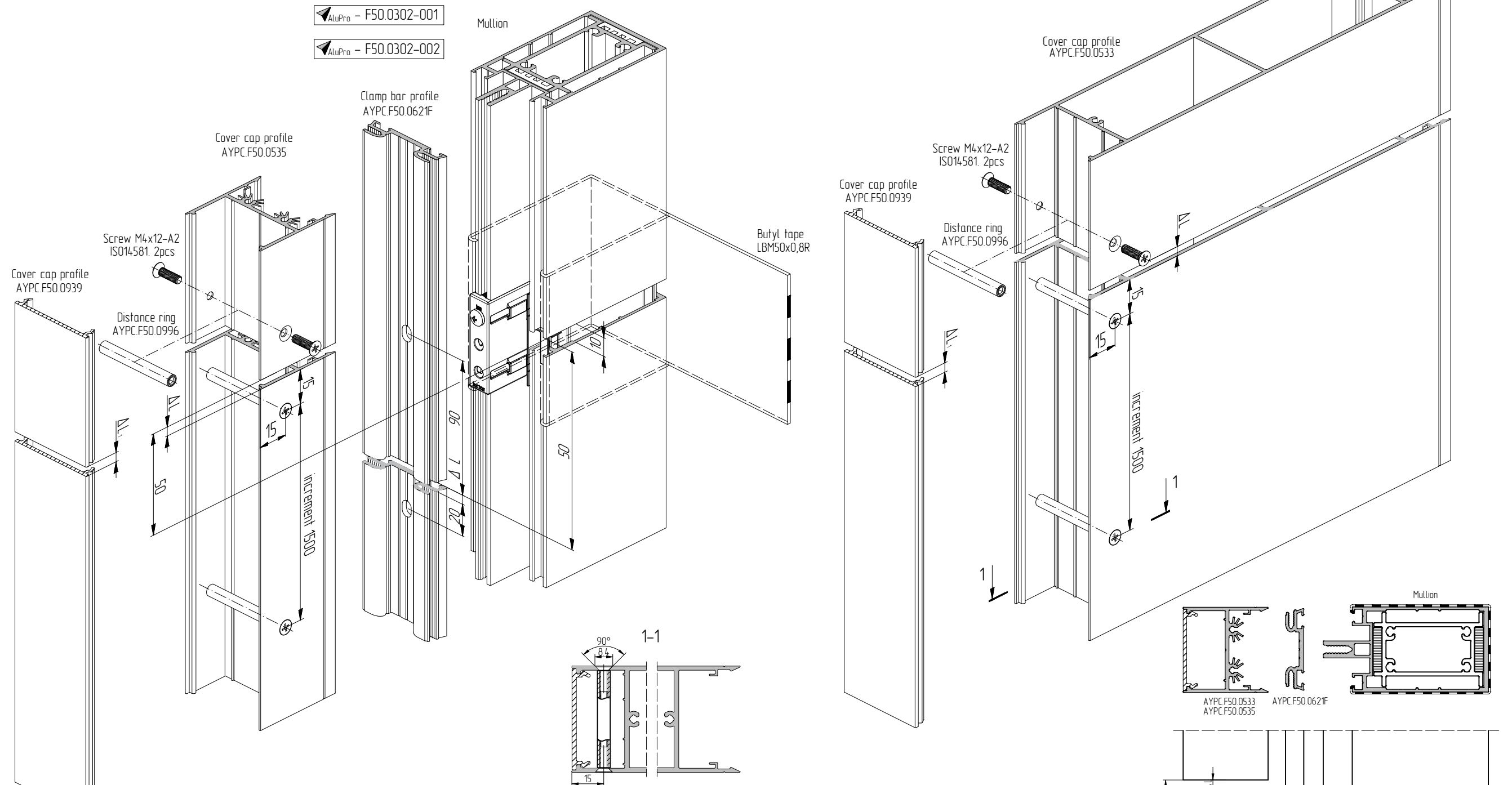
$$\Delta L = 6750 \times 2.3 \times 10^{-5} \times 62 = 9.6 \text{ [mm]}$$



Straight vertical connection of mullions, clamp bar and cover cap profiles



Straight vertical connection of mullions, clamp bar and cover cap profiles

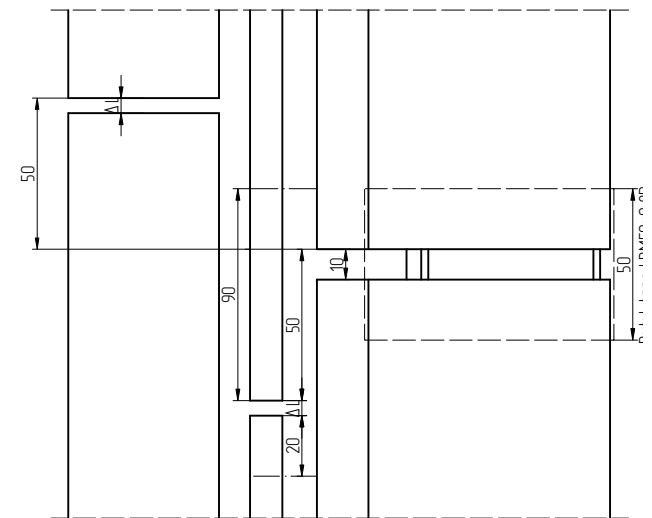


$\Delta L = L_0 \times \lambda \times \Delta T$
 $\Delta T = T - T_1$
 L_0 - profile cut length [mm]
 λ - coefficient of linear expansion of polycarbonate profile 2.3×10^{-5} [1/°C]
 ΔT - temperature difference [°C]
 T - profile cutting temperature [°C]
 T_1 - max. temperature of curtain wall surface [°C]

$\Delta T = 18 - 80 = 62$ [°C]
 $\Delta L = 6750 \times 2.3 \times 10^{-5} \times 62 = 9.6$ [mm]

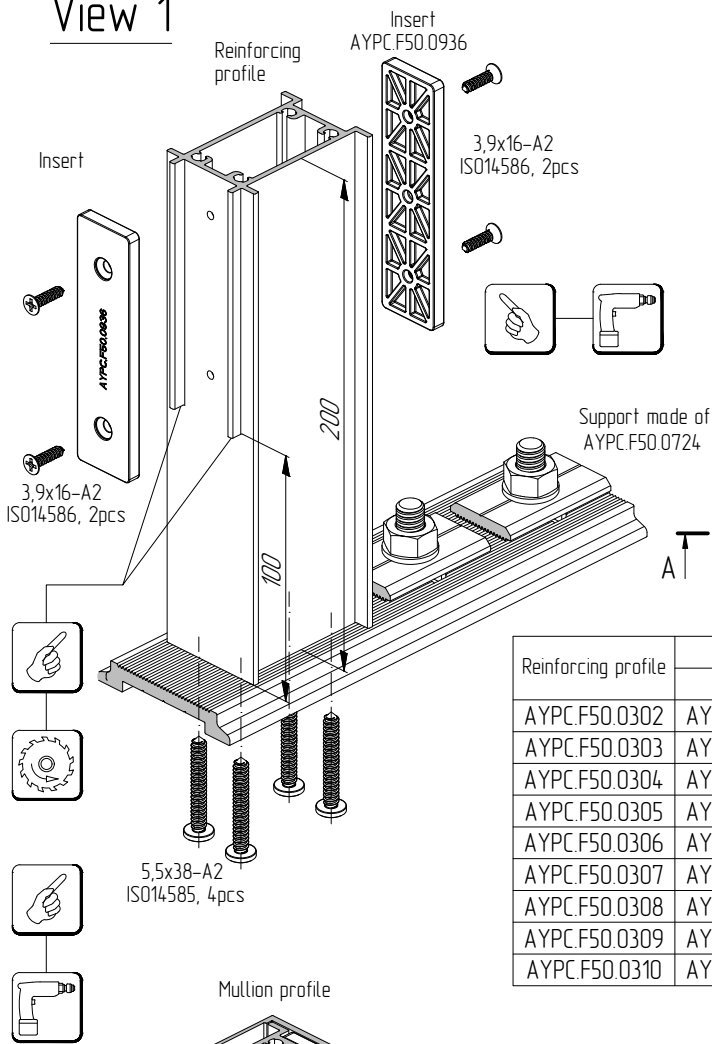
$\Delta L_1 = L_0 \times \lambda \times \Delta T$
 $\Delta T = T - T_1$
 L_0 - profile cut length [mm]
 λ - coefficient of linear expansion of polycarbonate profile 6.8×10^{-5} [1/°C]
 ΔT - temperature difference [°C]
 T - profile cutting temperature [°C]
 T_1 - max. temperature of curtain wall surface [°C]

Example:
 $\Delta T = 18 - 80 = 62$ [°C]
 $\Delta L_1 = 2950 \times 6.8 \times 10^{-5} \times 62 = 12.4$ [mm]

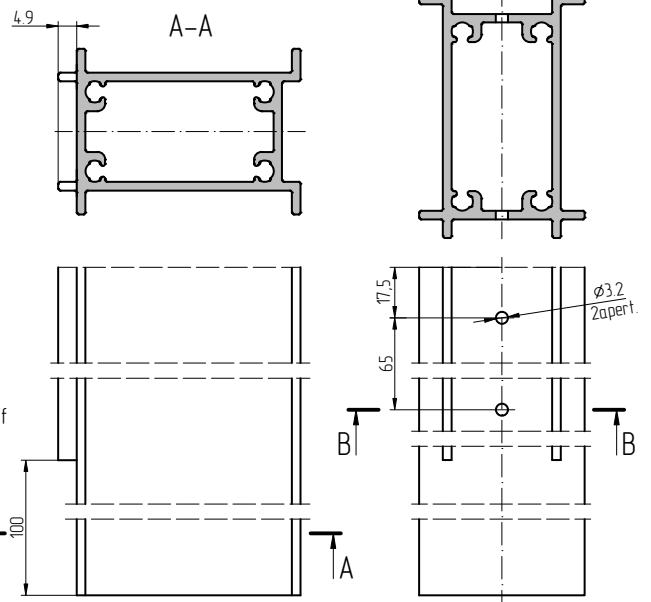


Lower joint assembly when installing the structure into the opening

View 1

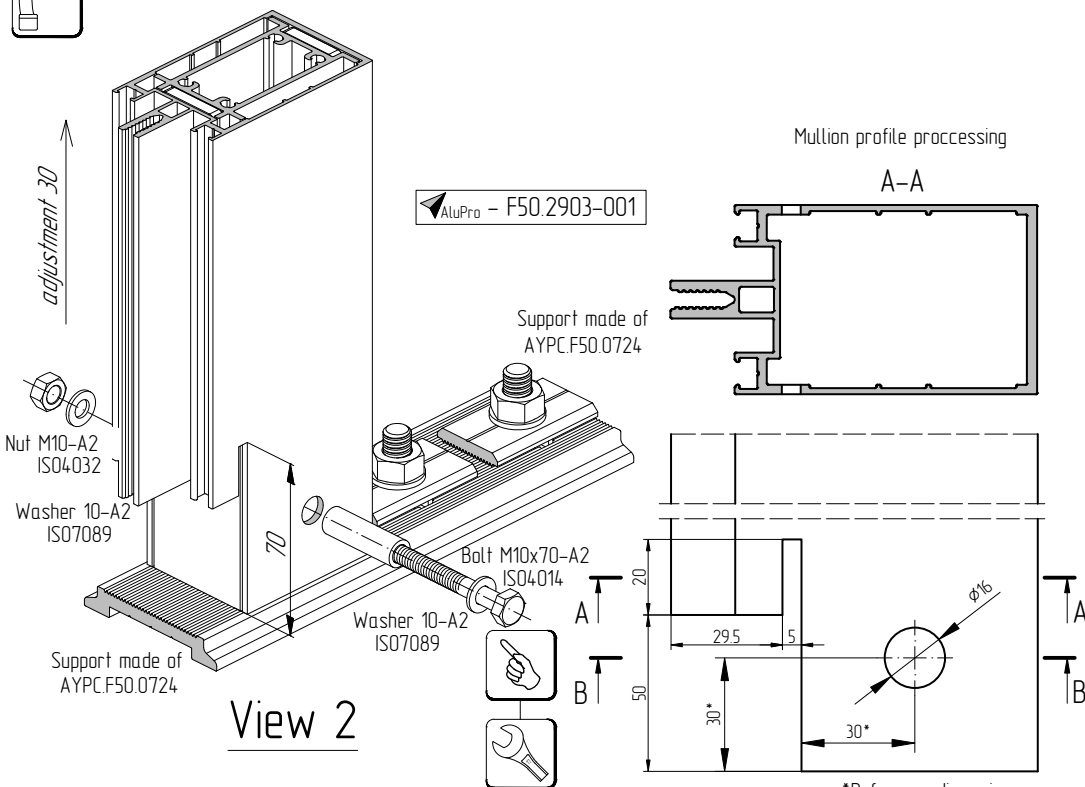


Reinforcing profile processing

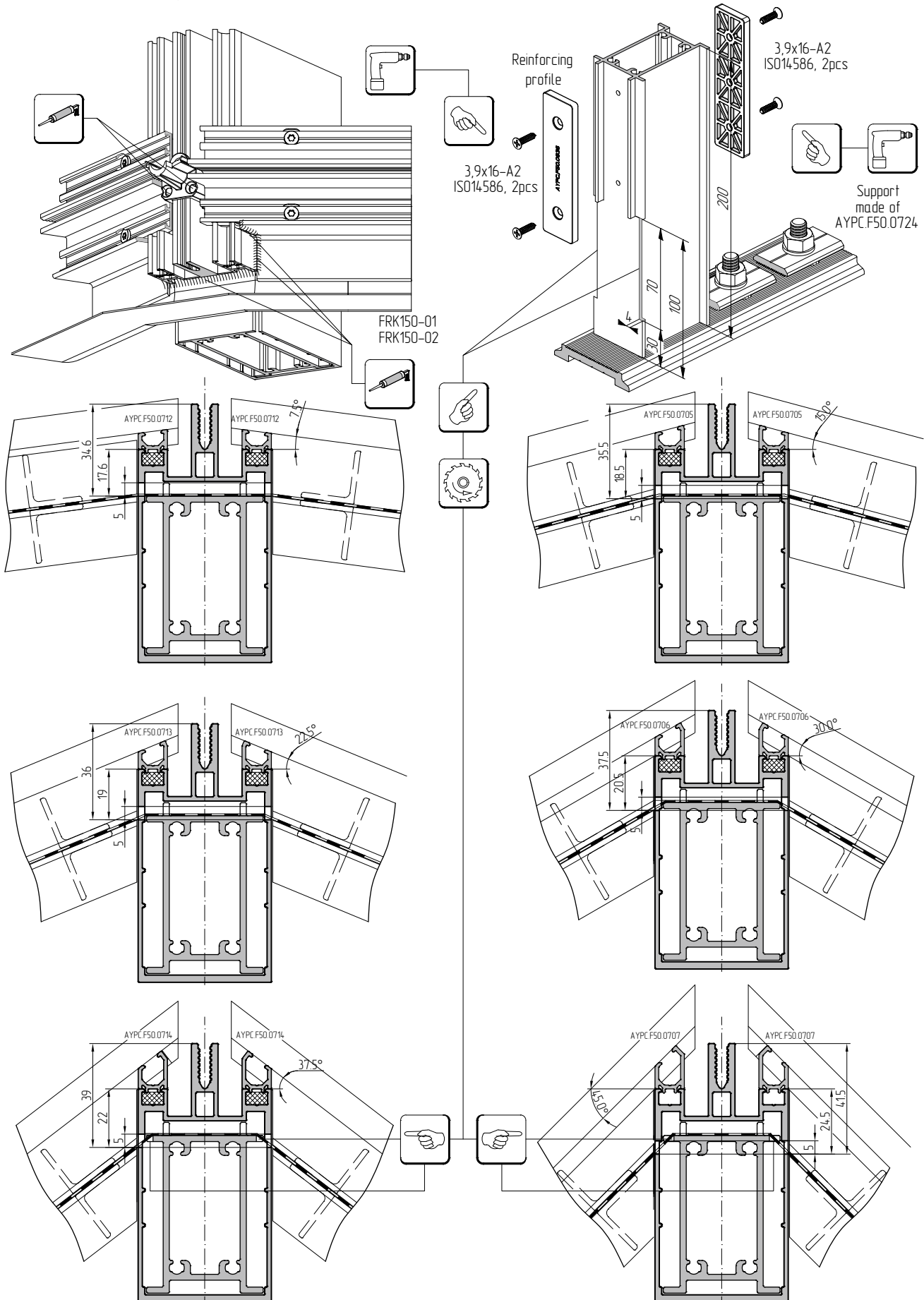


Reinforcing profile	Distance insert-View 1		Complete set for fixing-View 2	
	Side 1	Side 2	Quantity	Image and components
AYPC.F50.0302	AYPC.F50.0936	AYPC.F50.0936	1 set	<p>Nut M10-A2 ISO4032</p> <p>Joining element AYPC.F50.0950</p> <p>Washer 10-A2 ISO7089</p> <p>Bolt M10x70-A2 ISO4014</p>
AYPC.F50.0303	AYPC.F50.0936	AYPC.F50.0936	1 set	
AYPC.F50.0304	AYPC.F50.0936	AYPC.F50.0937	2 sets	
AYPC.F50.0305	AYPC.F50.0936	AYPC.F50.0937	2 sets	
AYPC.F50.0306	AYPC.F50.0936	AYPC.F50.0937	2 sets	
AYPC.F50.0307	AYPC.F50.0936	AYPC.F50.0937	3 sets	
AYPC.F50.0308	AYPC.F50.0936	AYPC.F50.0936	3 sets	
AYPC.F50.0309	AYPC.F50.0936	AYPC.F50.0937	2 sets	
AYPC.F50.0310	AYPC.F50.0936	AYPC.F50.0937	3 sets	

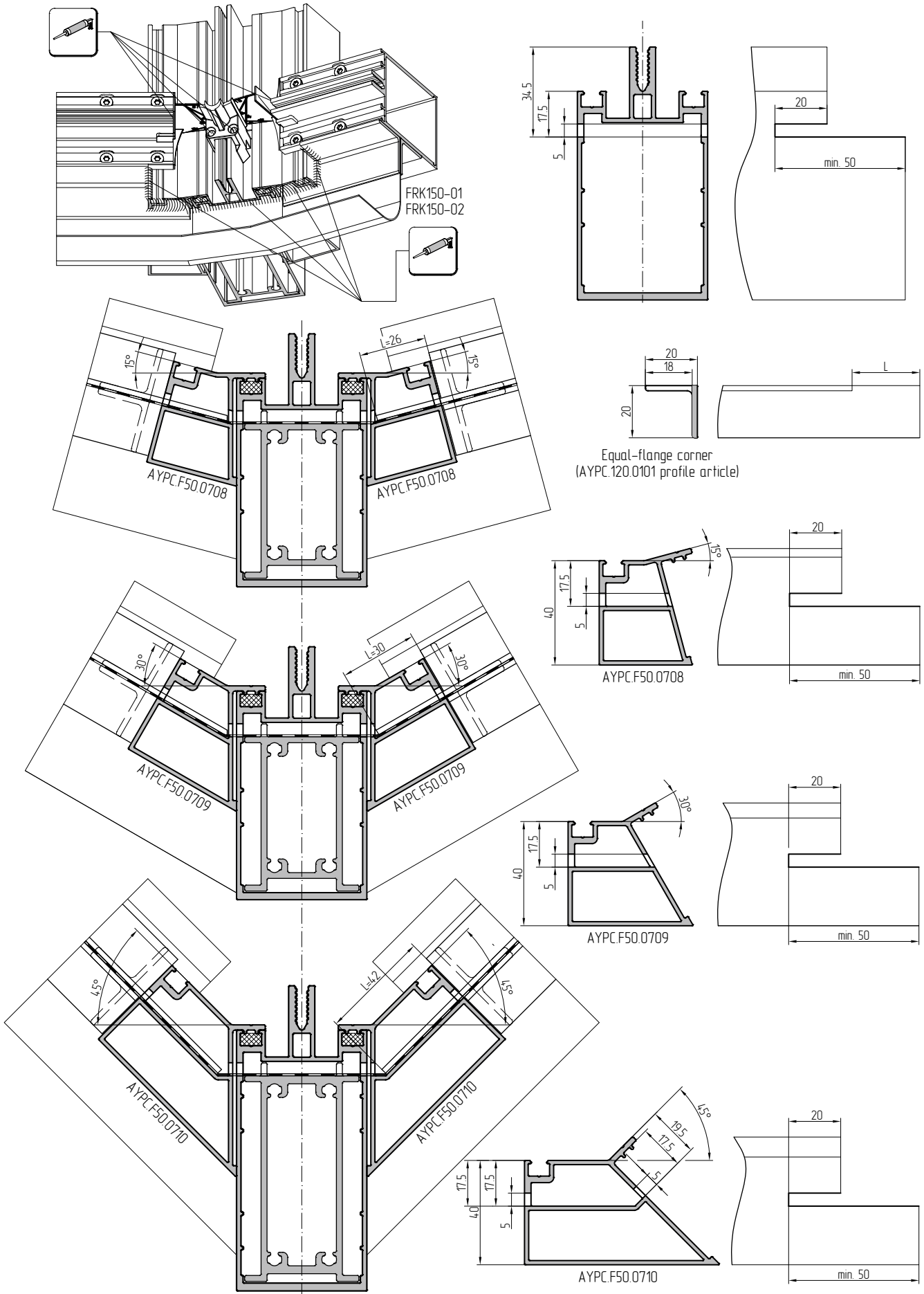
View 2



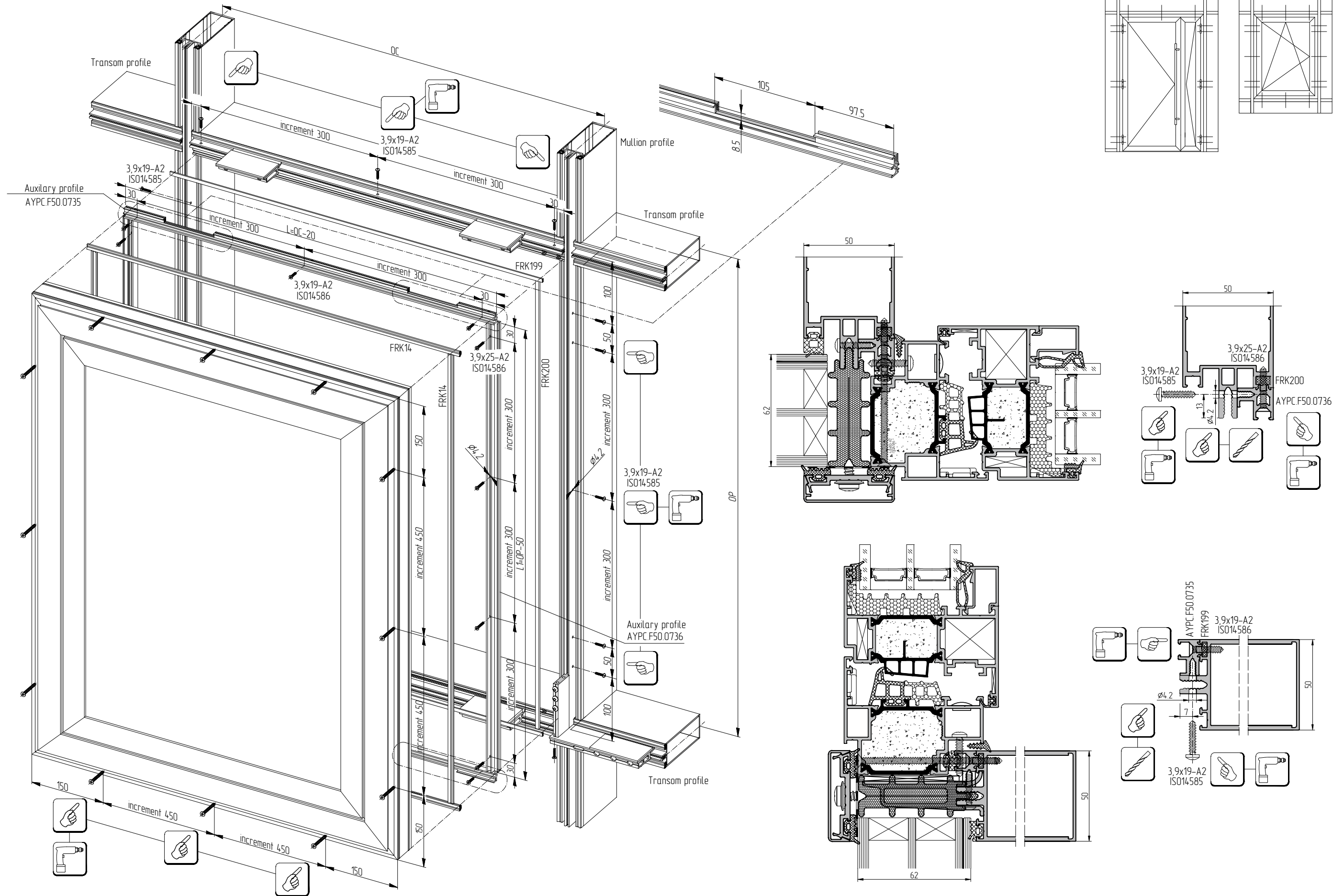
Lower joint assembly when installing the structure into the opening with an external turn



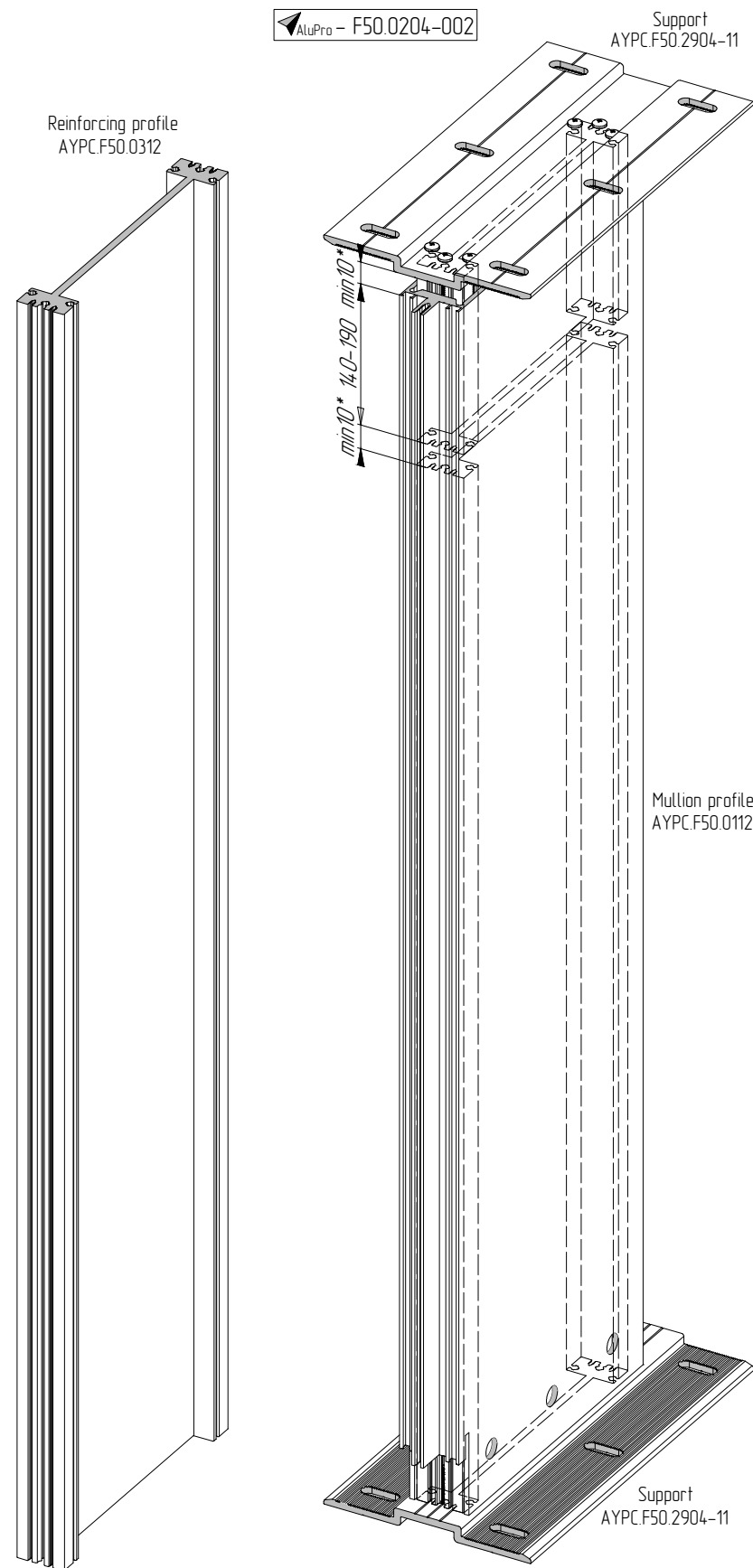
Lower joint assembly when installing the structure into the opening with an internal turn



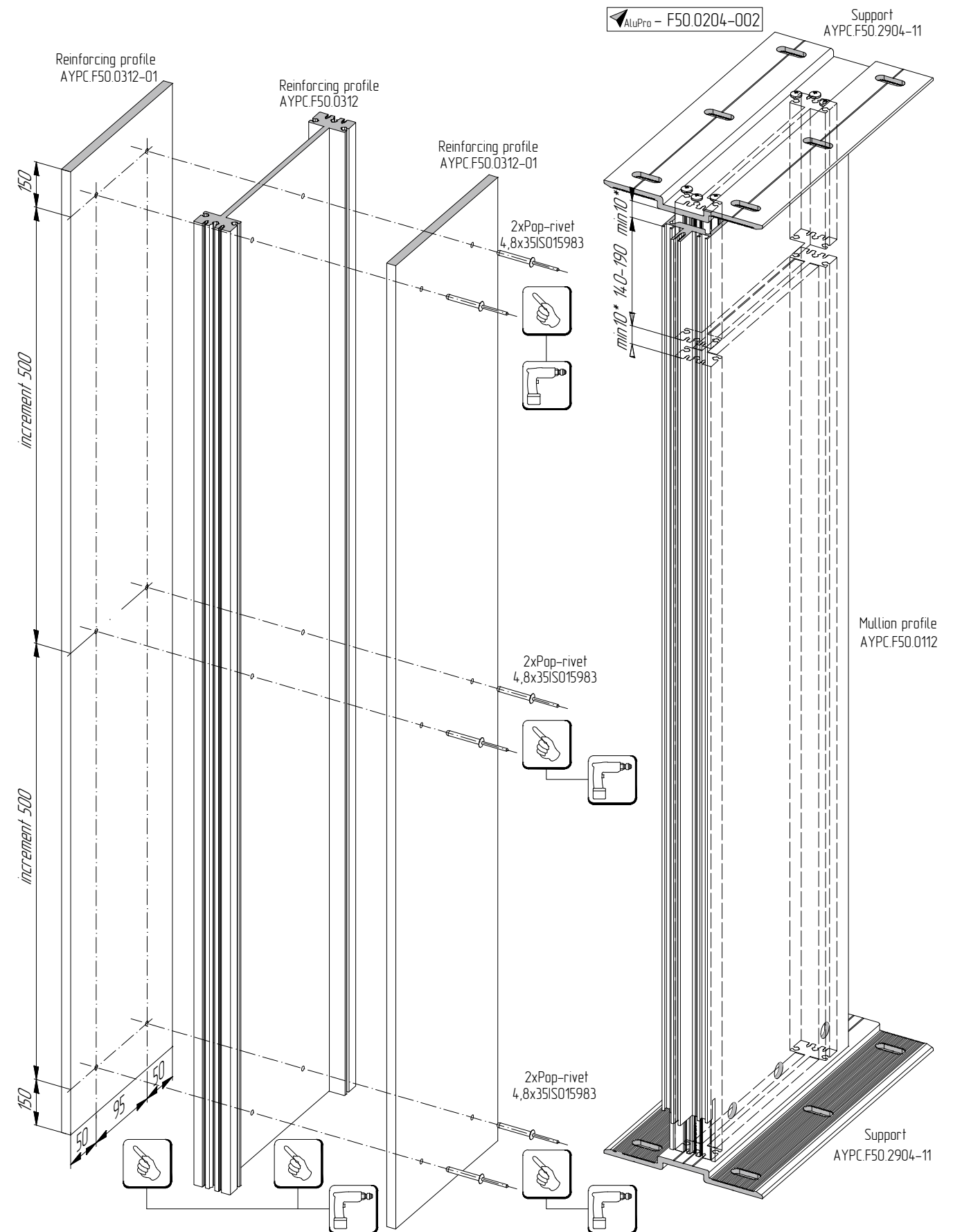
Auxiliary profiles AYPC.F50.0935 - AYPC.F50.0938 machining and installation



Installation of a AYPC.F50.0312 reinforcing profile into the mullion profile AYPC.F50.0112

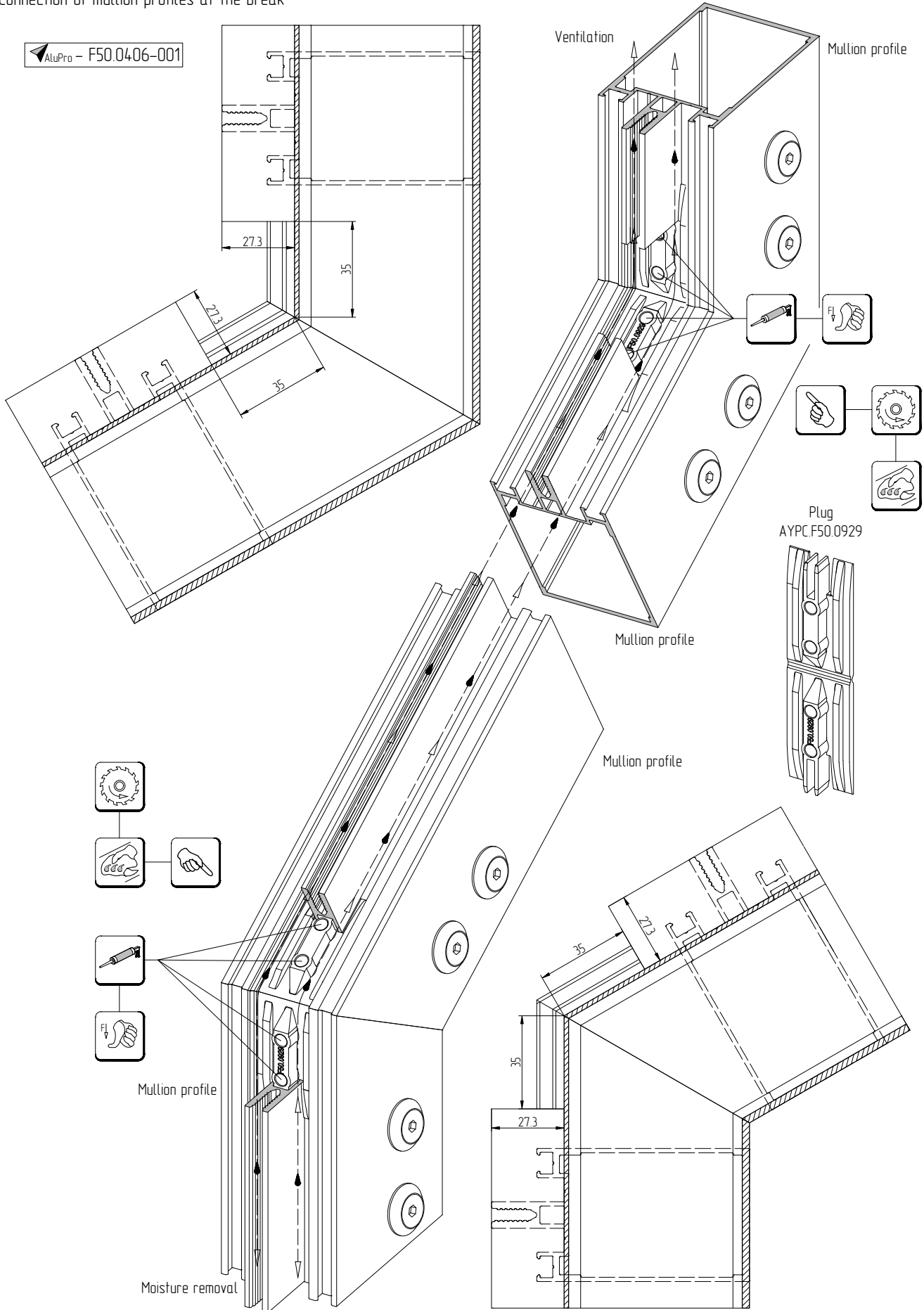


Installation of AYPC.F50.0312 and AYPC.F50.0312-01 reinforcing profiles into the mullion profile AYPC.F50.0112

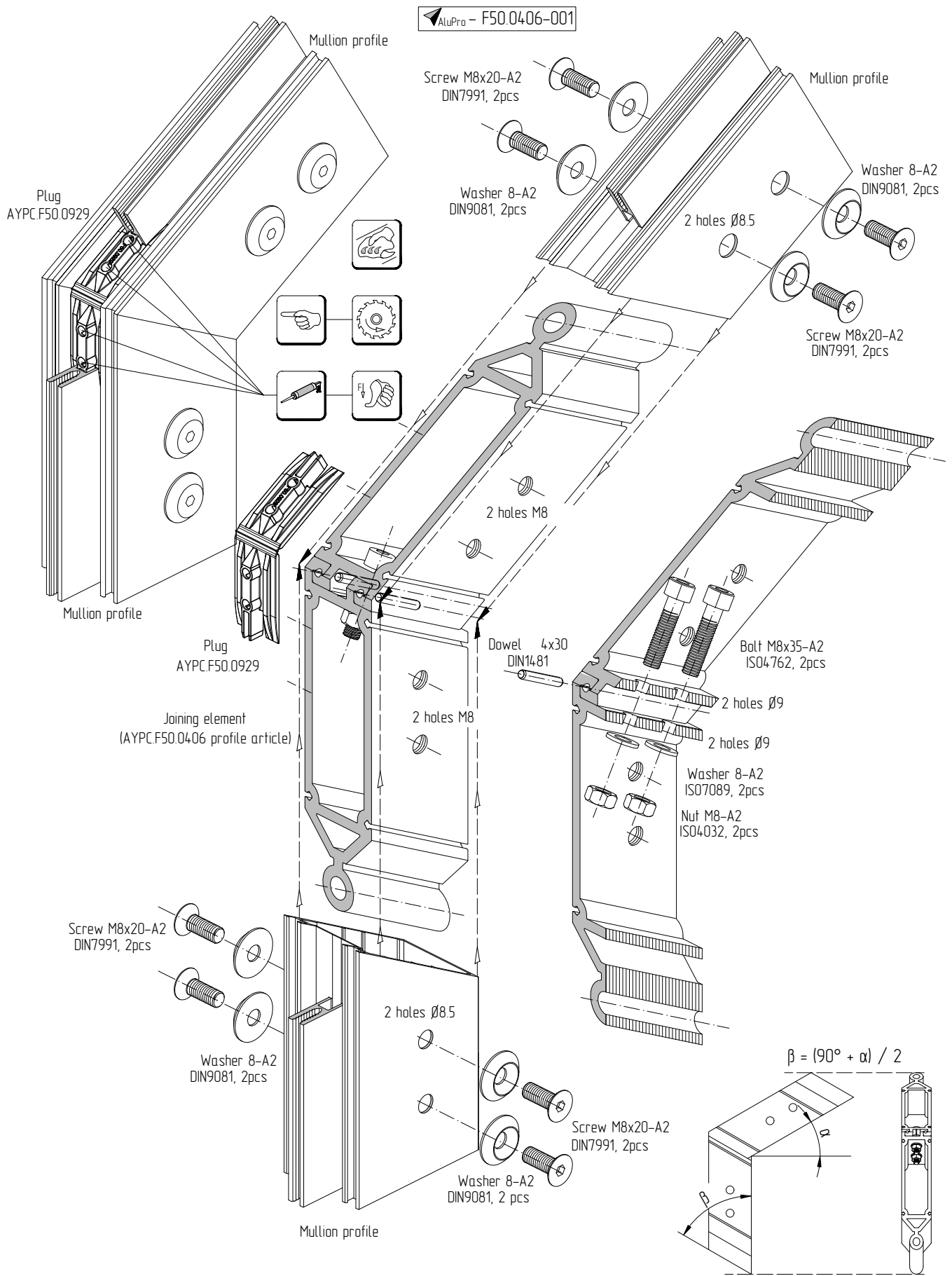


*The size is determined by the calculated bending deflection of the upper level floor slab and the thermal expansion-compression of the profiles. AYPC.F50.0112 Mullion profile does not join in length with other mullion profiles of the system and is installed on one span

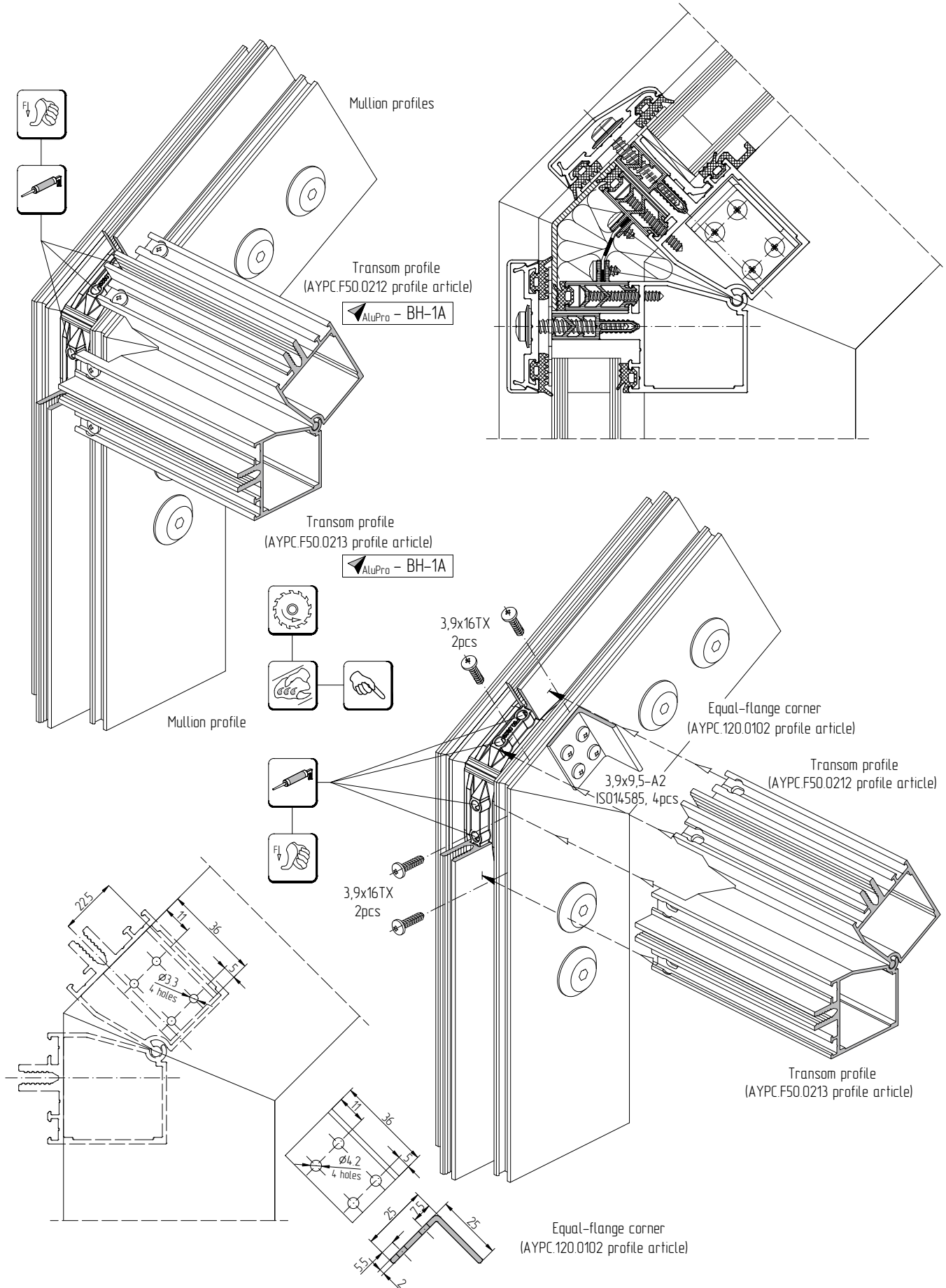
Connection of mullion profiles at the break



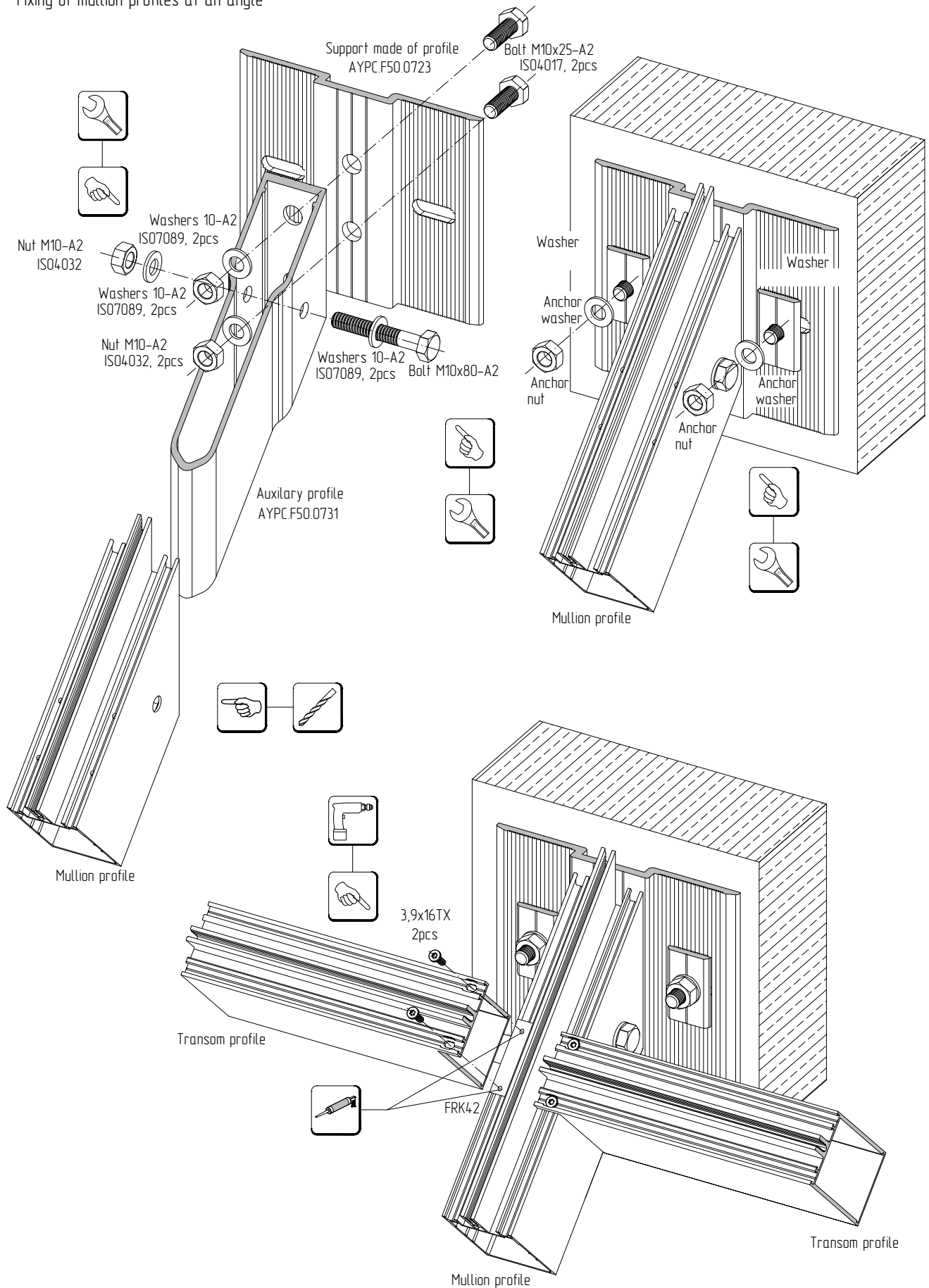
Connection of mullion profiles at the break in one plane



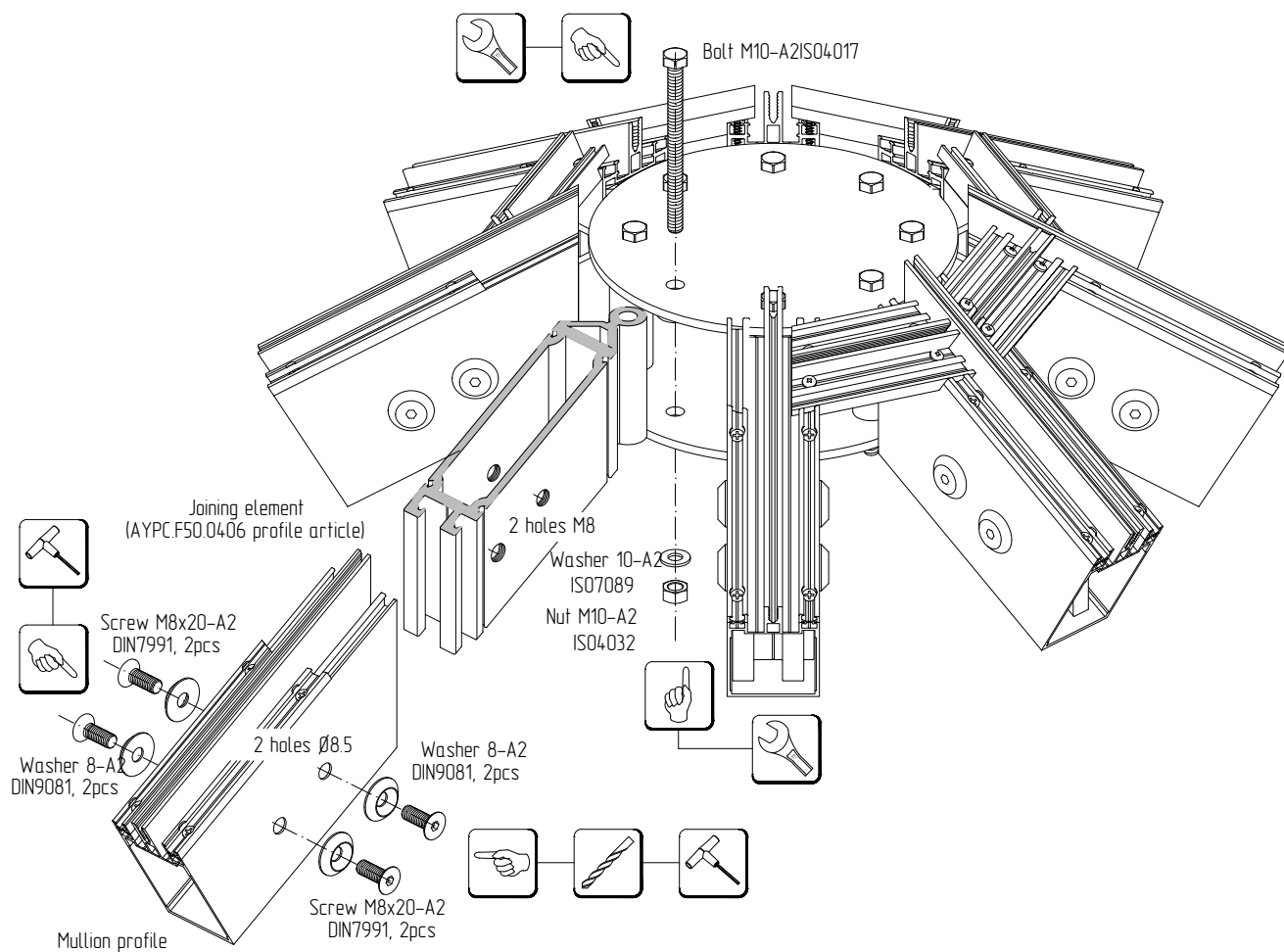
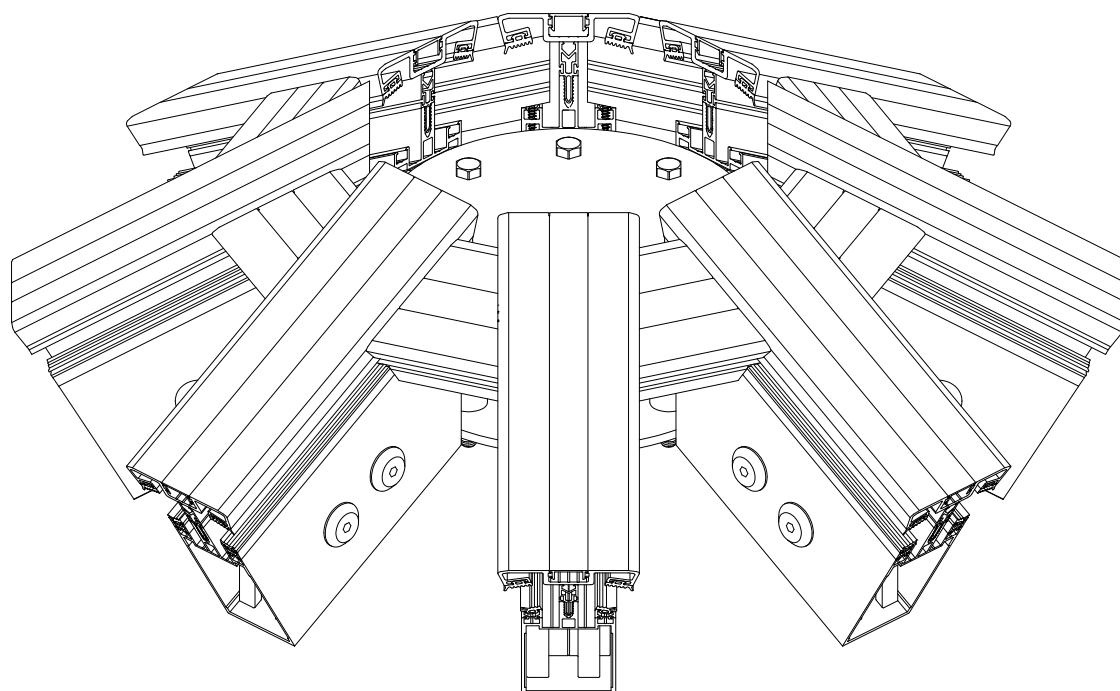
Connection of mullion profiles and transom profiles at the break in one plane



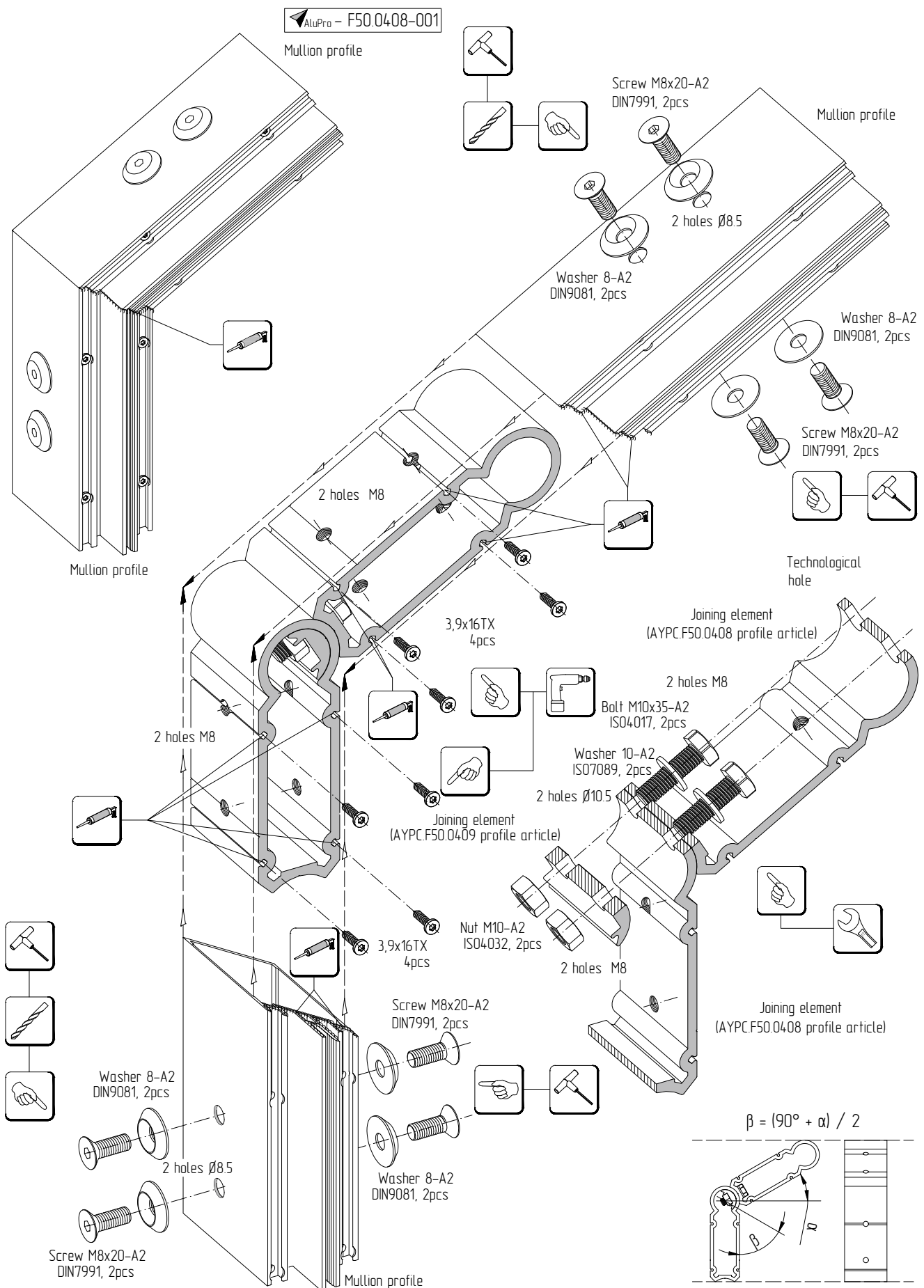
Fixing of mullion profiles at an angle



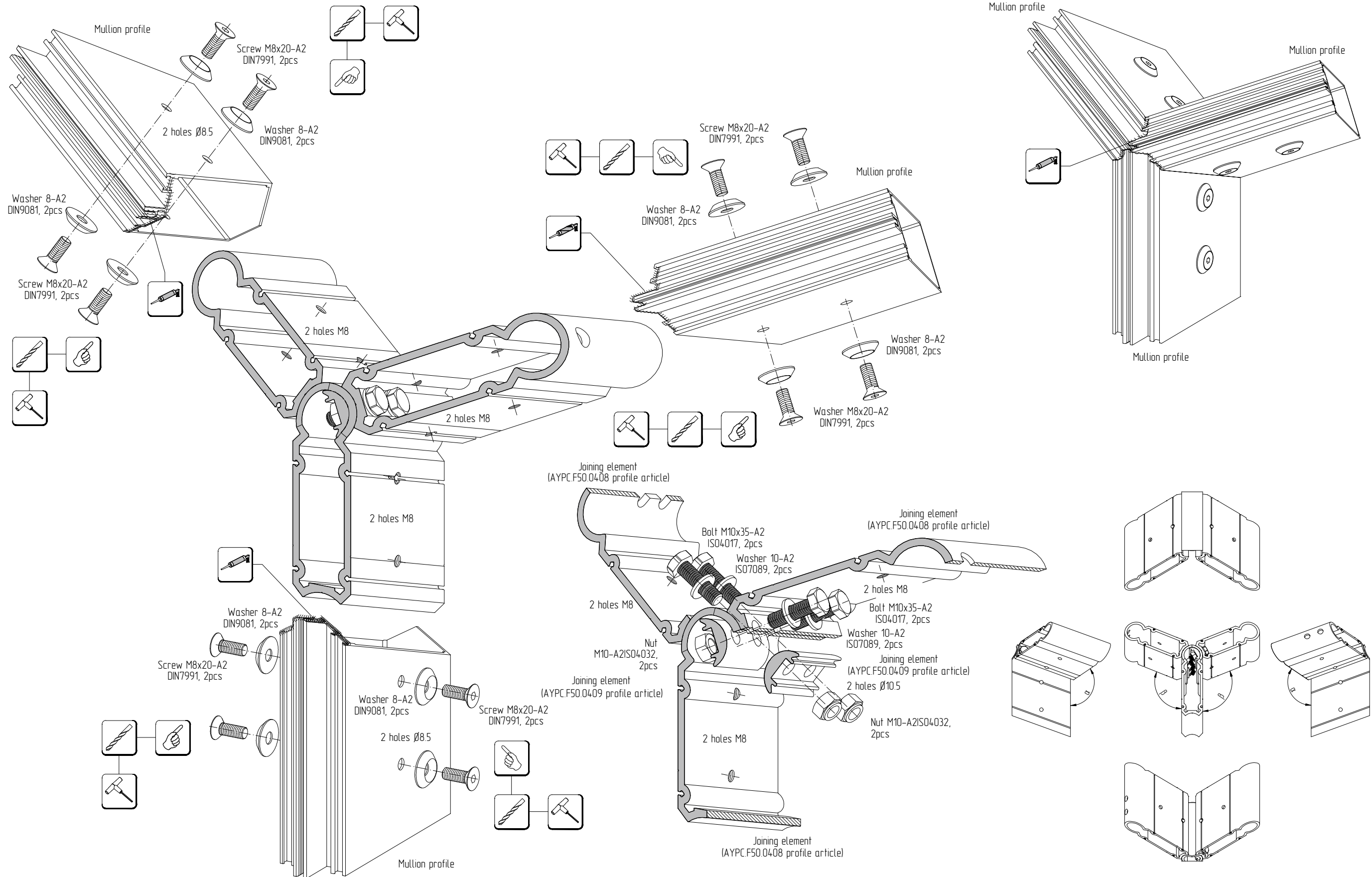
Fixing of mullion profiles in inclined manner



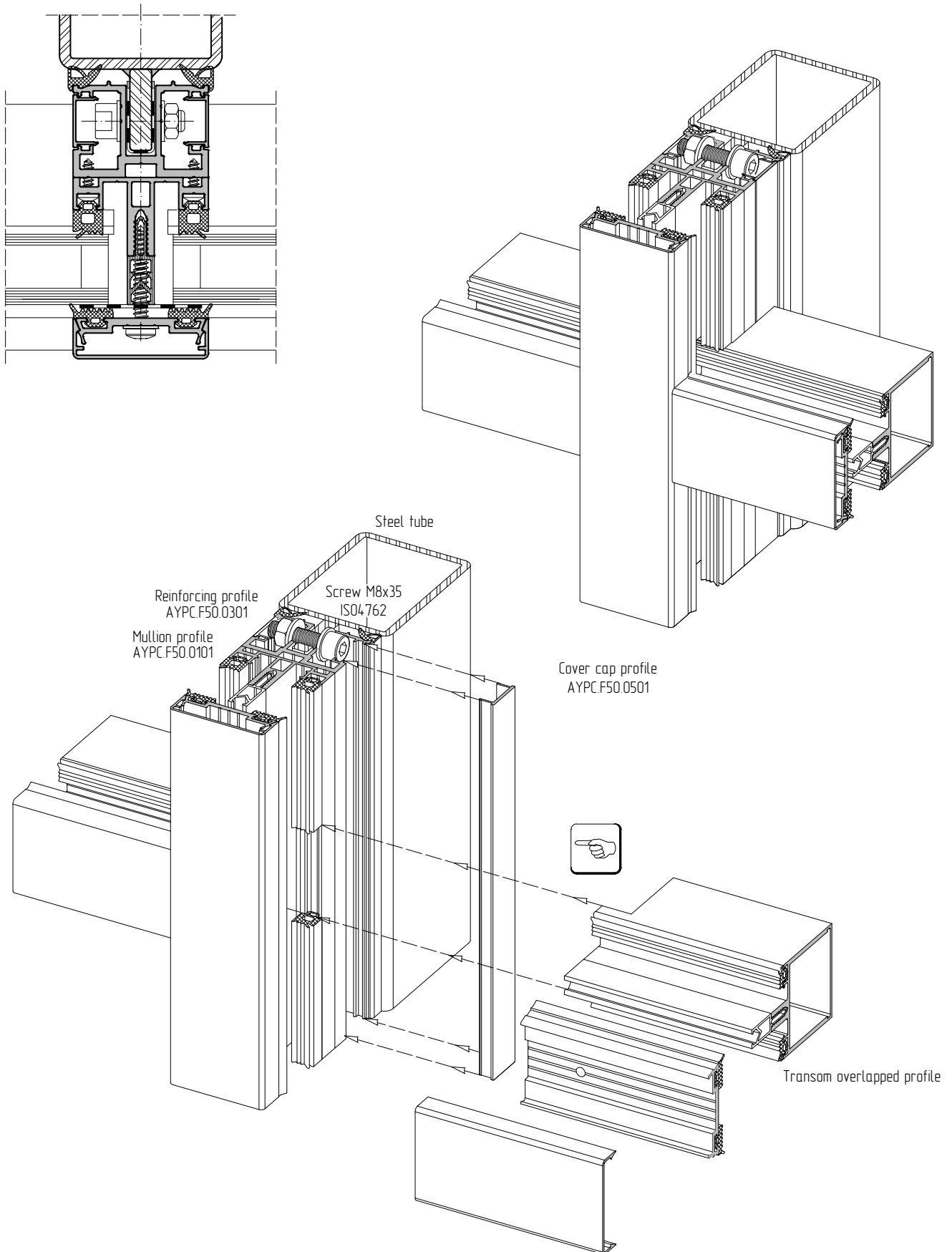
Connection of mullion profiles in the plane of the glass unit



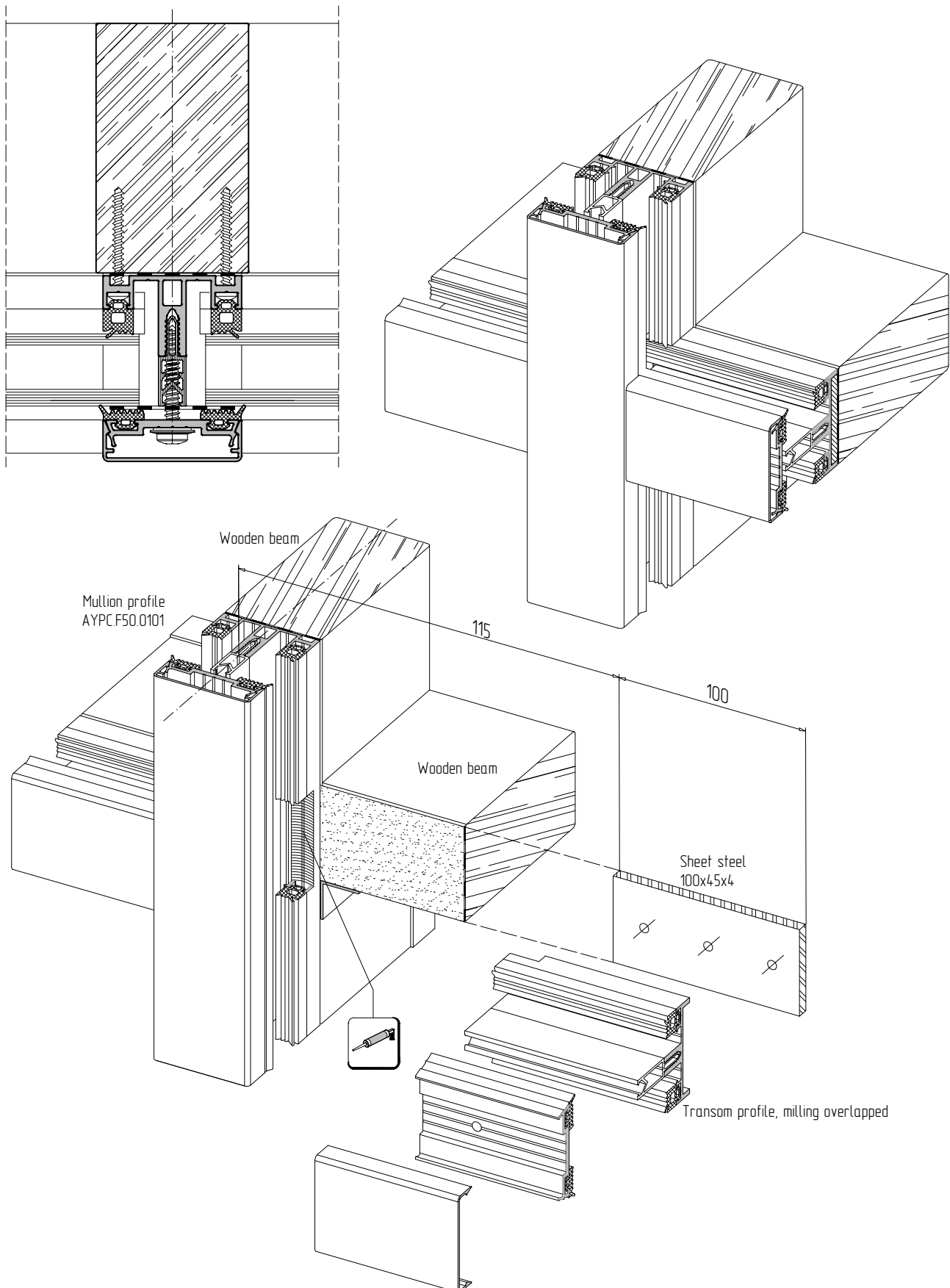
Connection of three mullion profiles at the break in two planes



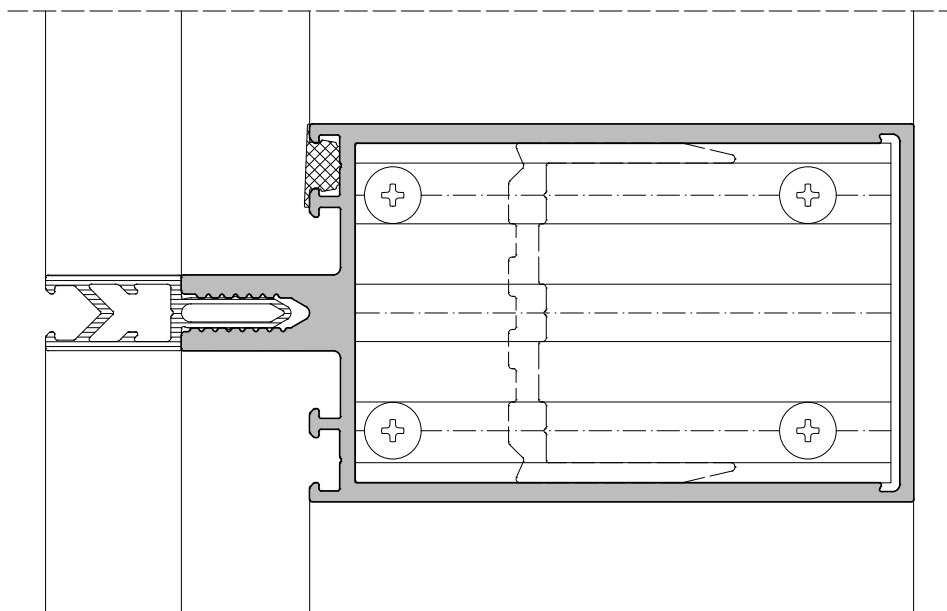
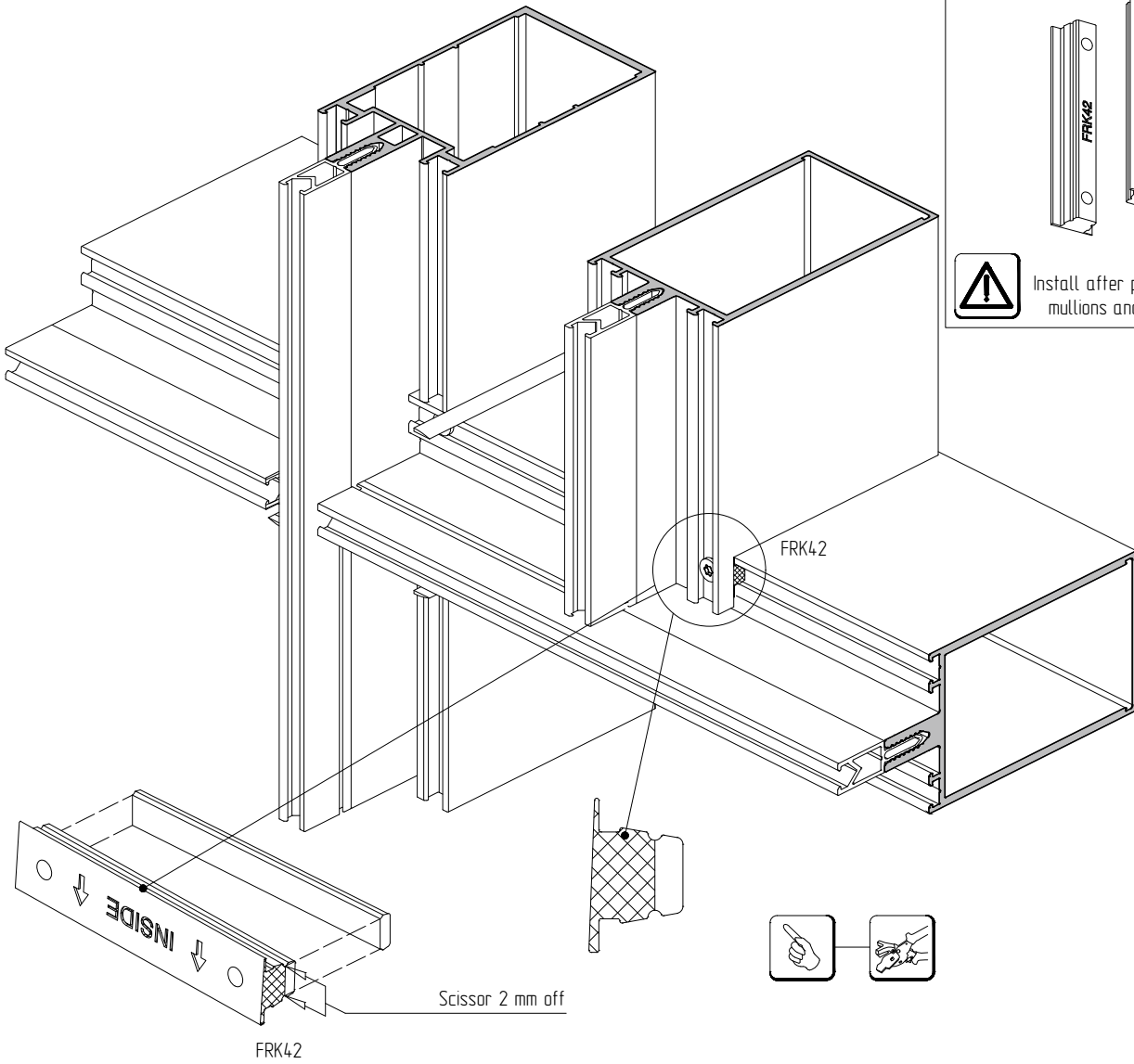
Installation of facade structure on the steel bearing structure



Installation of facade structure on the wooden bearing structures

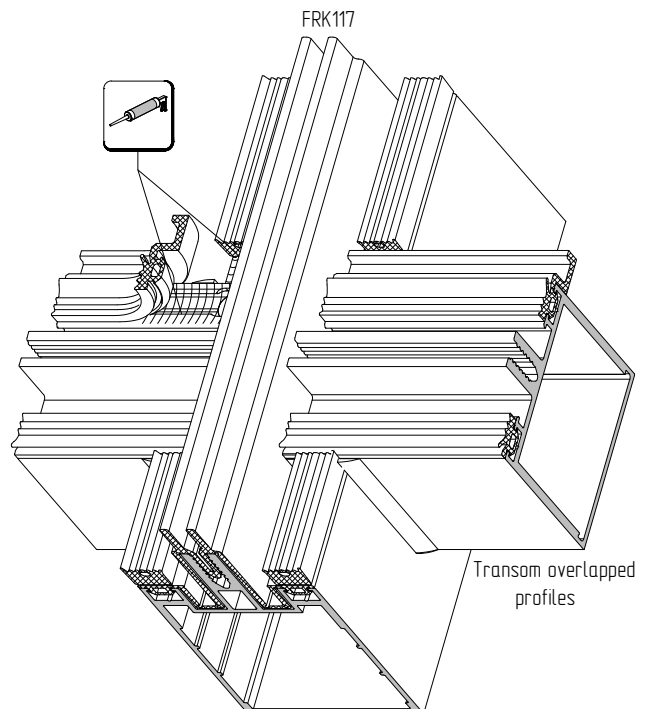
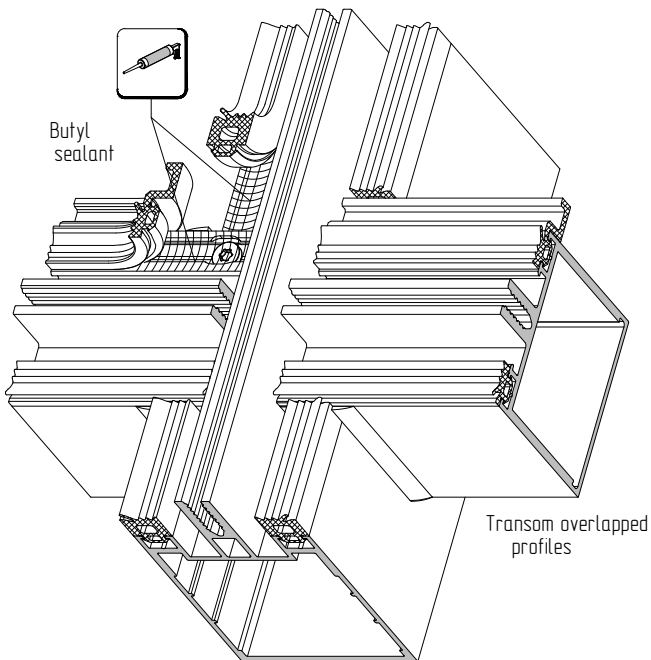
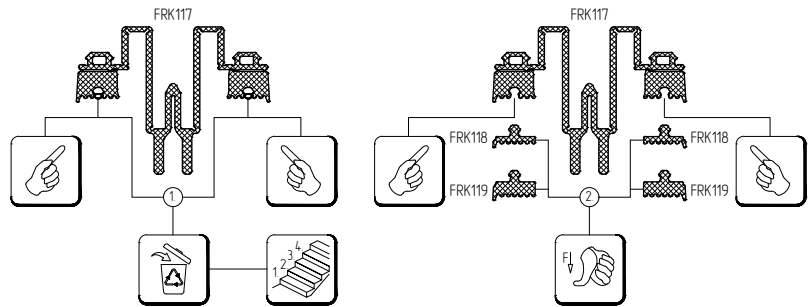
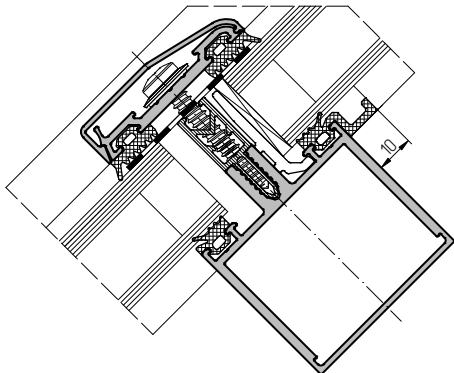
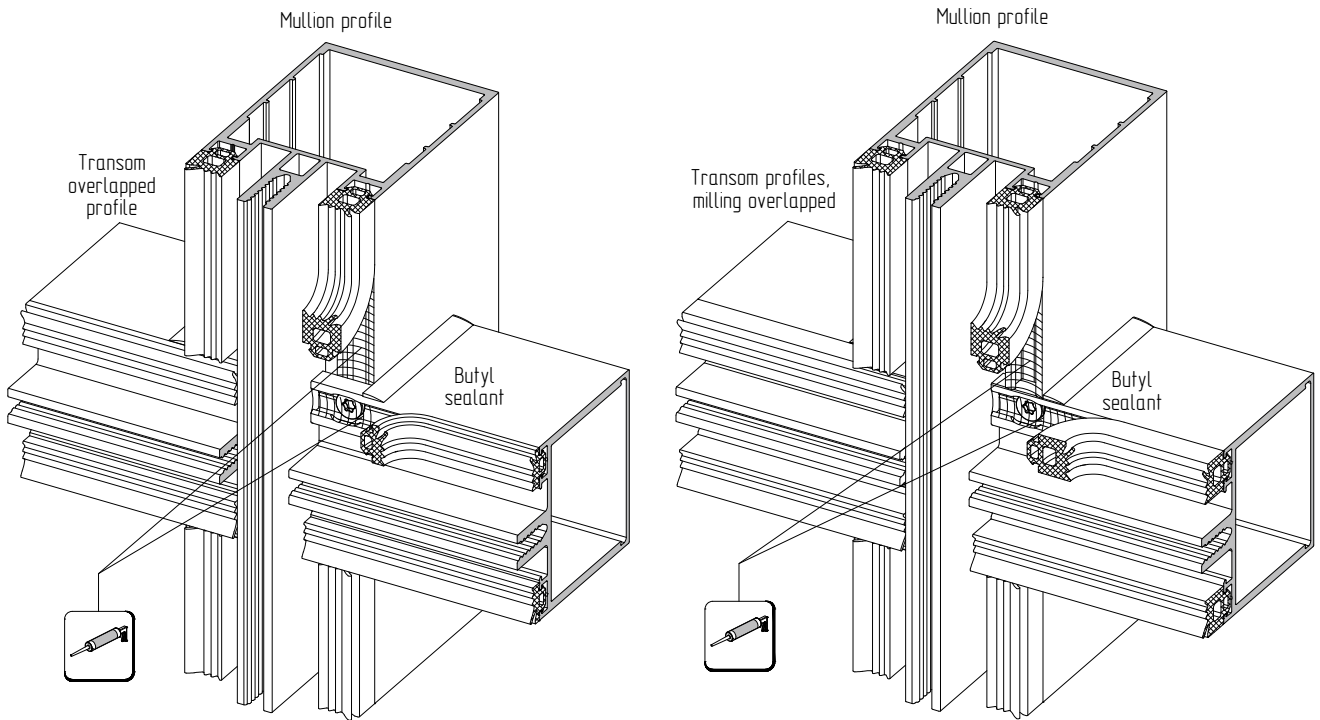


Installation of the FRK42 sealing support on the 2nd-level transom profile

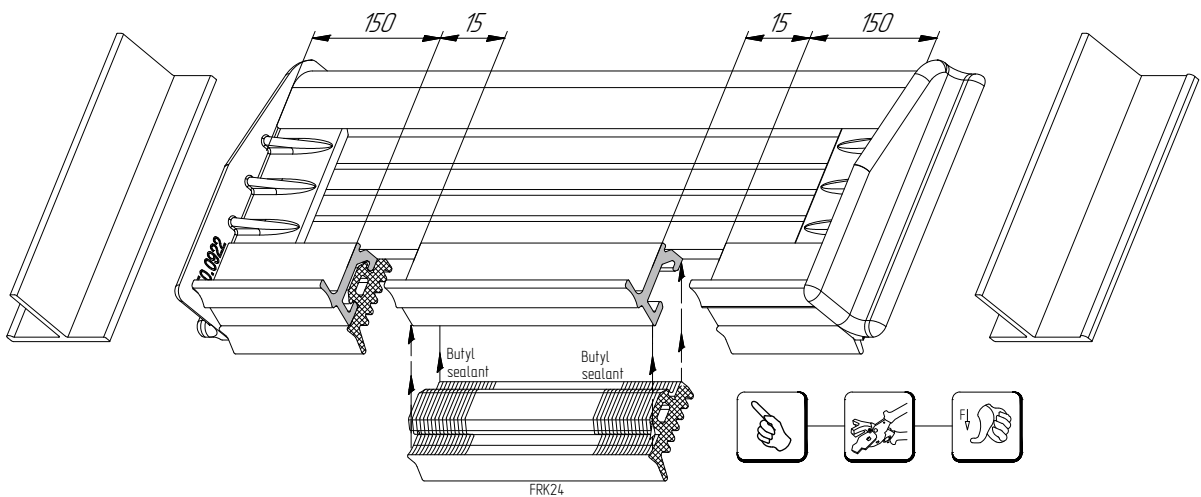
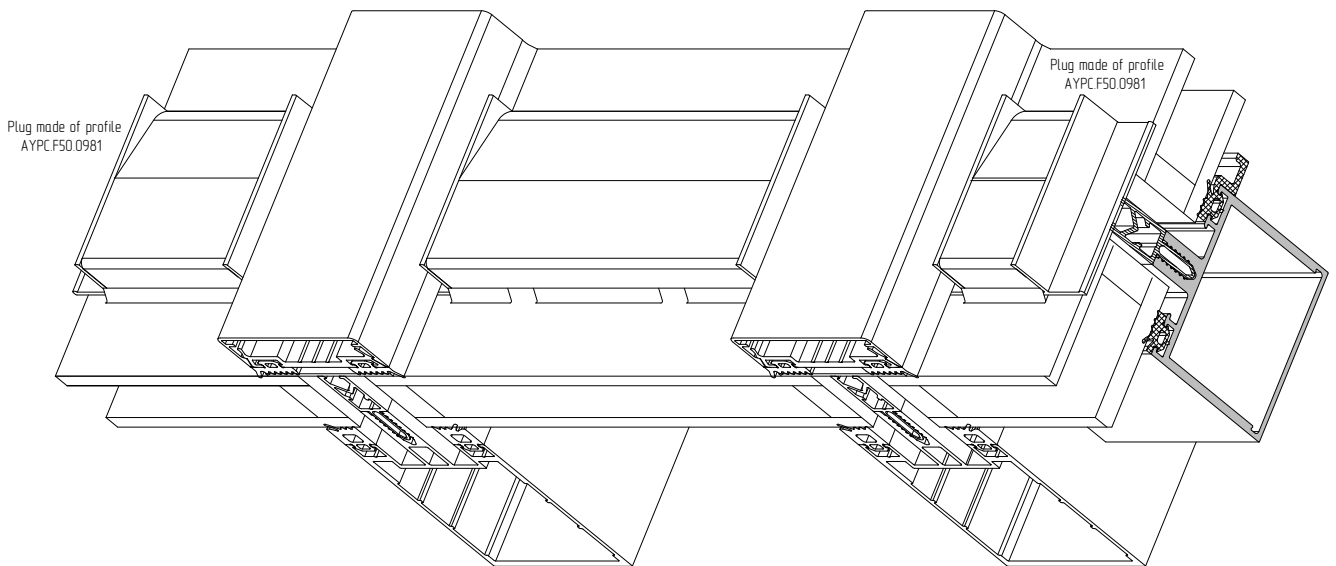
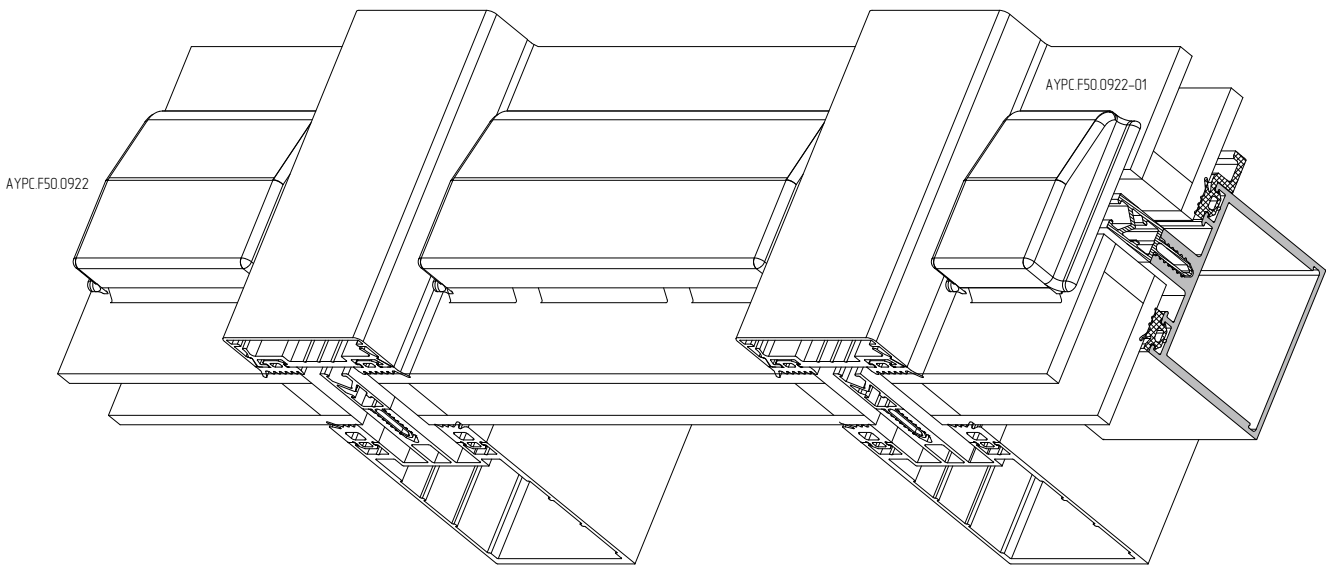


- ▲ AluPro - 3BH-01/A/B/C
- ▲ AluPro - 3BH-02/A/B
- ▲ AluPro - 3BH-03/A/B/C
- ▲ AluPro - 3BH-04/A/B/C
- ▲ AluPro - 3BH-06/A/B/C

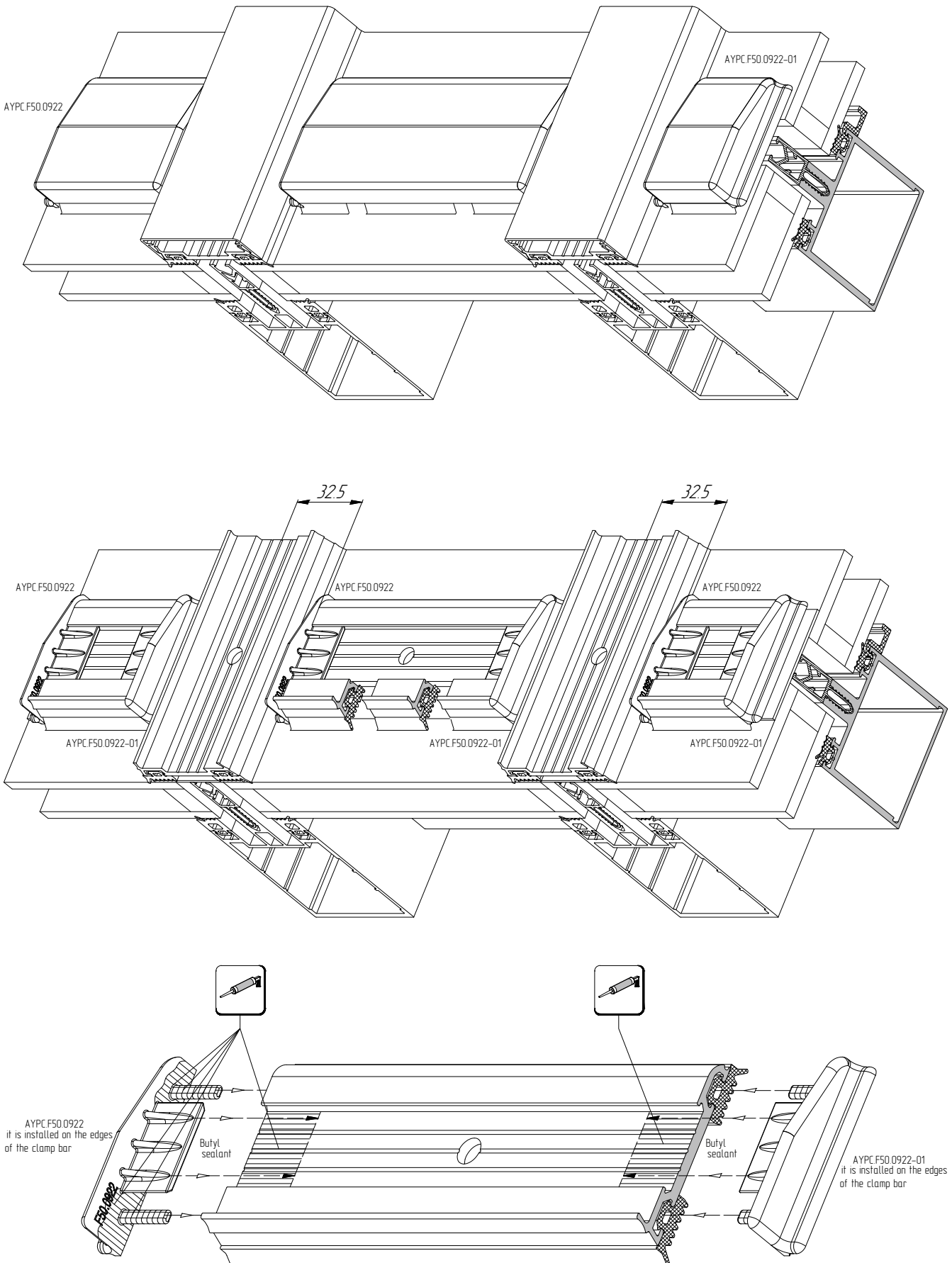
Installation of FRK14-FRK22 sealants on mullion and transom profiles



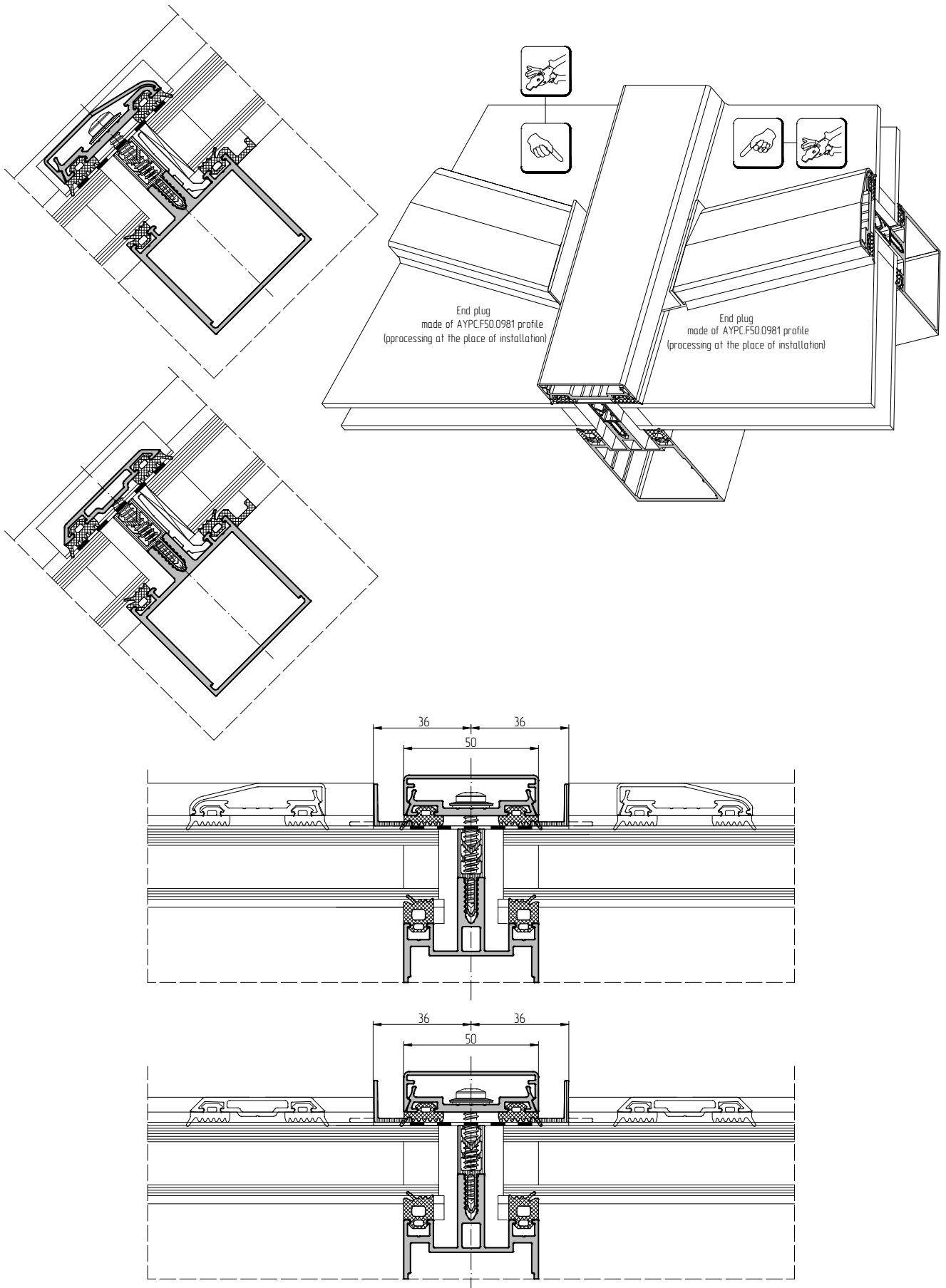
Installation of the FRK24 gasket into the AYP.C.F50.0602 clamp bar profile on inclined surfaces



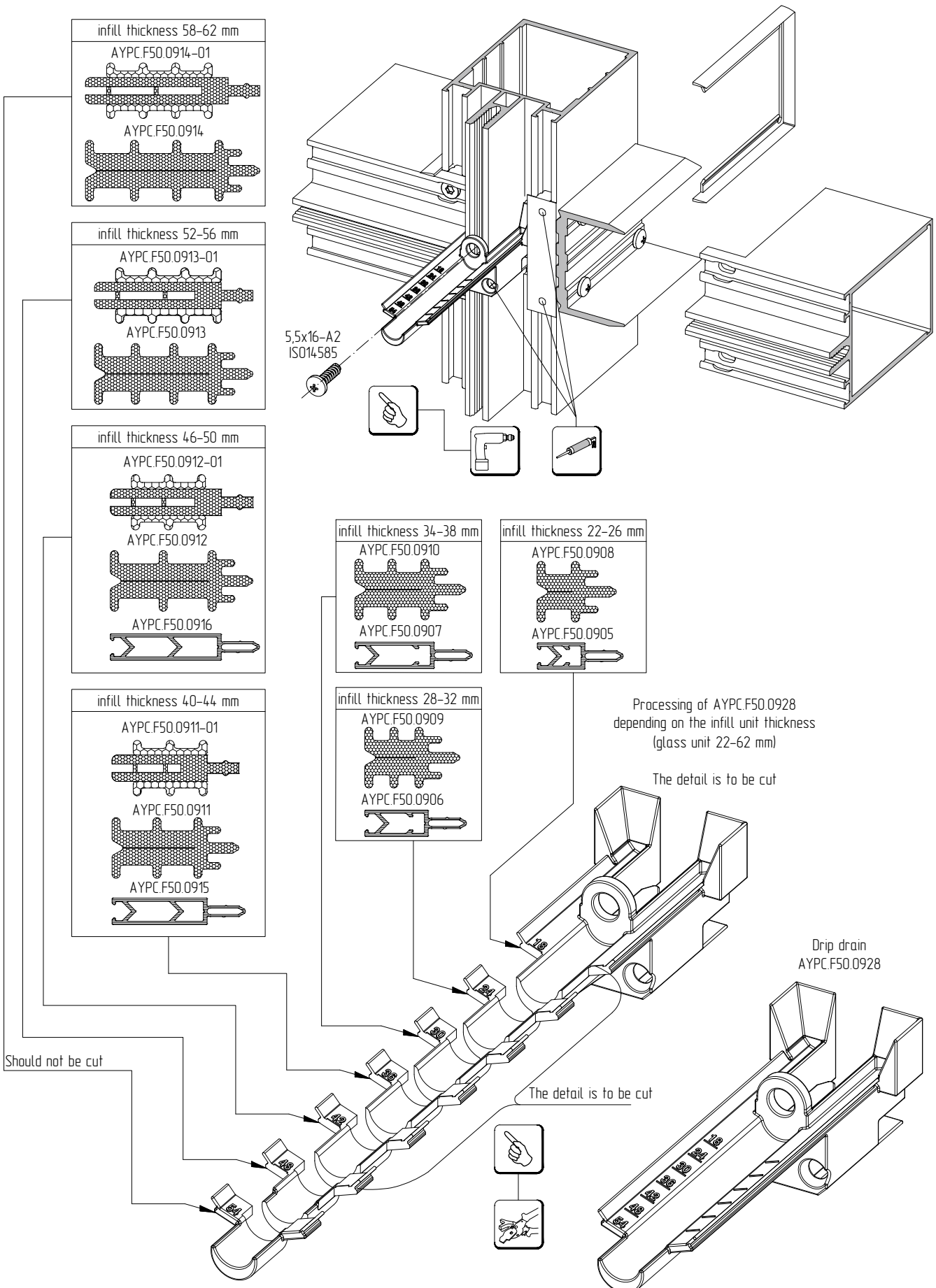
Installation of AYPC.F50.0922 plastic end plugs on the edges of AYPC.F50.0602 transom clamp bars



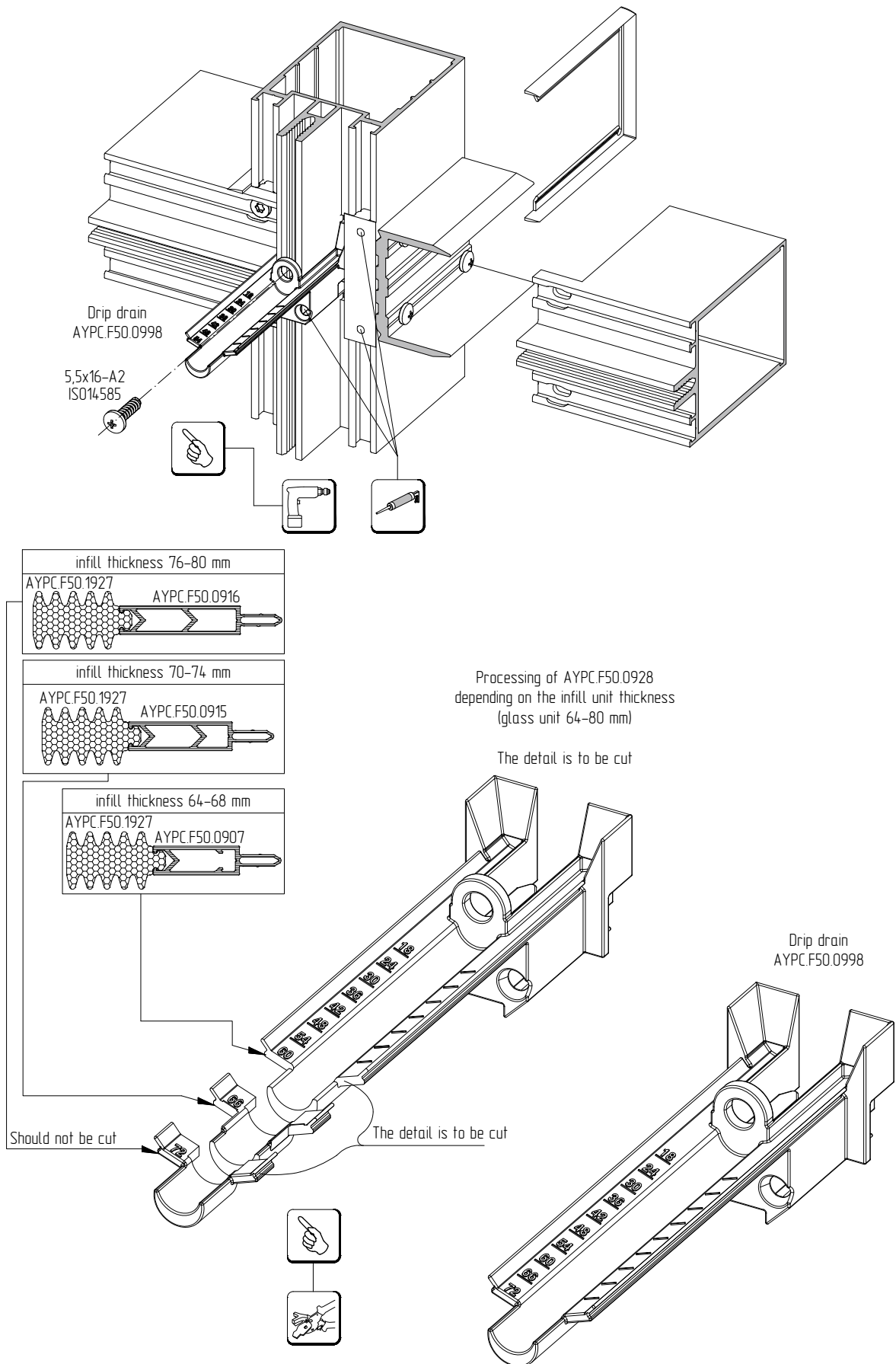
Installation of plastic end plug made of AYP.C.F50.0981 profile on the edges of AYP.C.F50.0602 and AYP.C.F50.0620 transom clamp bars



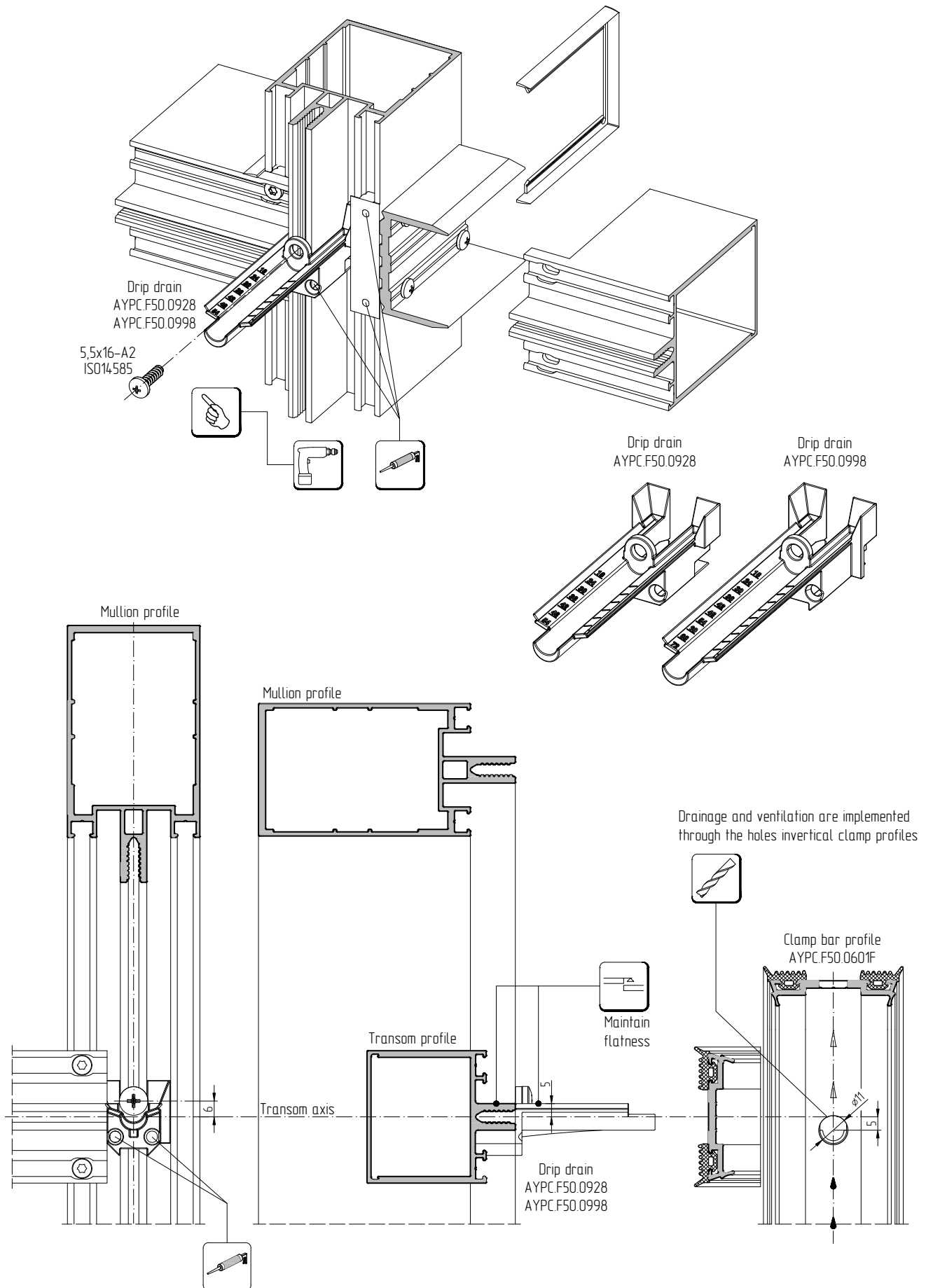
Installation of the AYPC.F50.0928 rubber drip drain into the mullion drainage channel



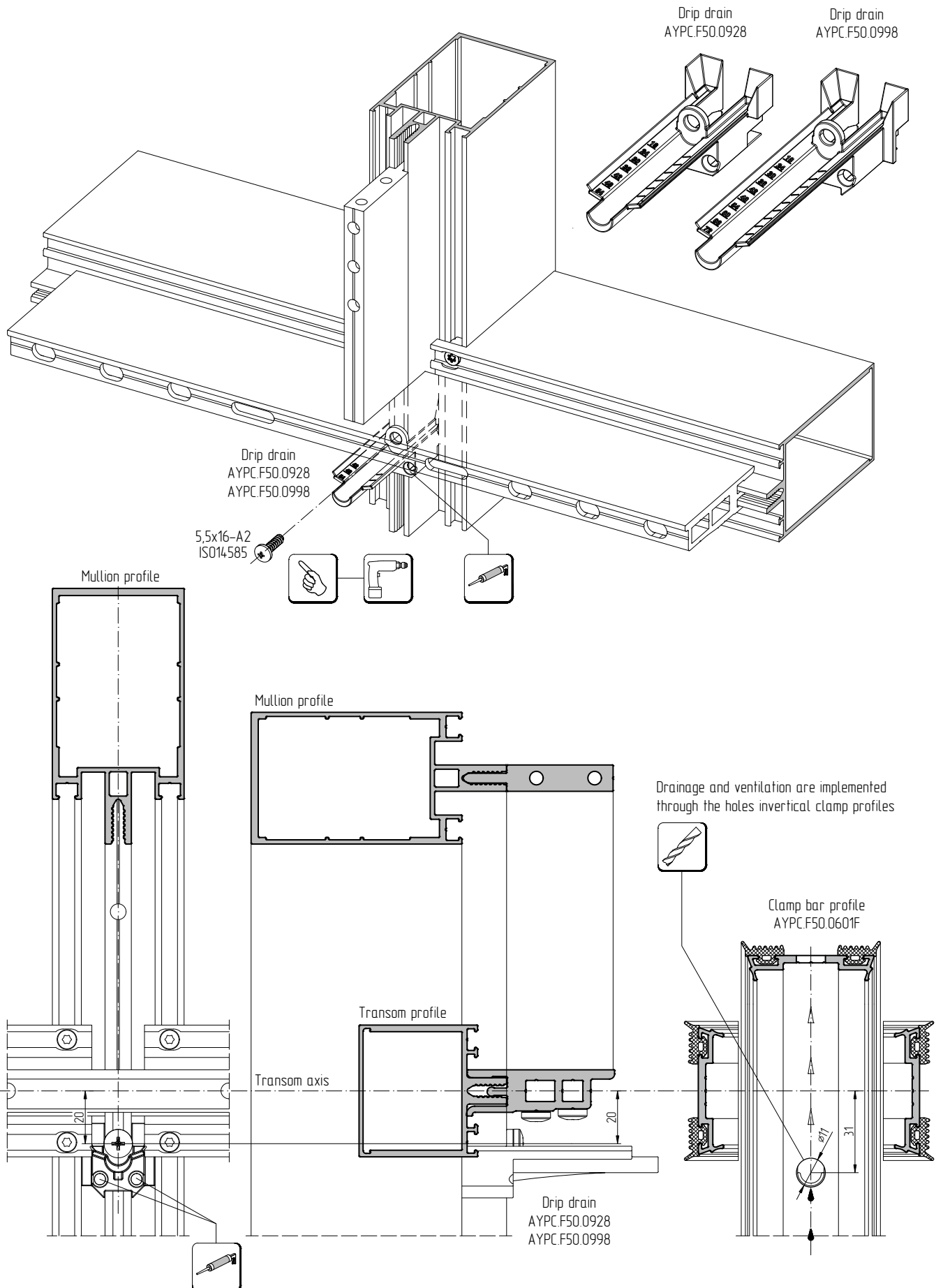
Installation of the AYPC.F50.0998 rubber drip drain into the mullion drainage channel



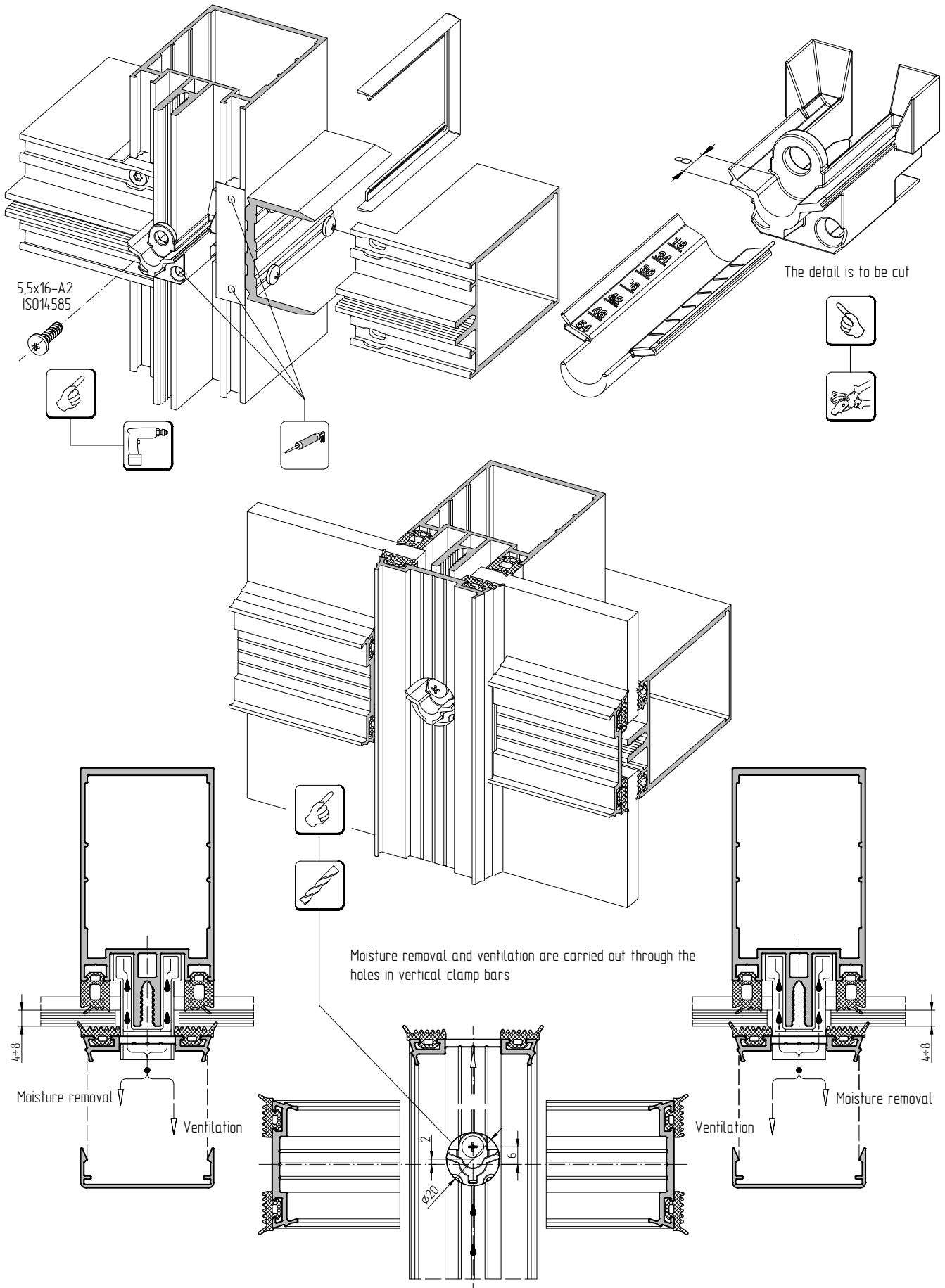
AYPC.F50.0928 u AYPC.F50.0998 drainage spout positioning relative to transom when installed in mullion drainage trays



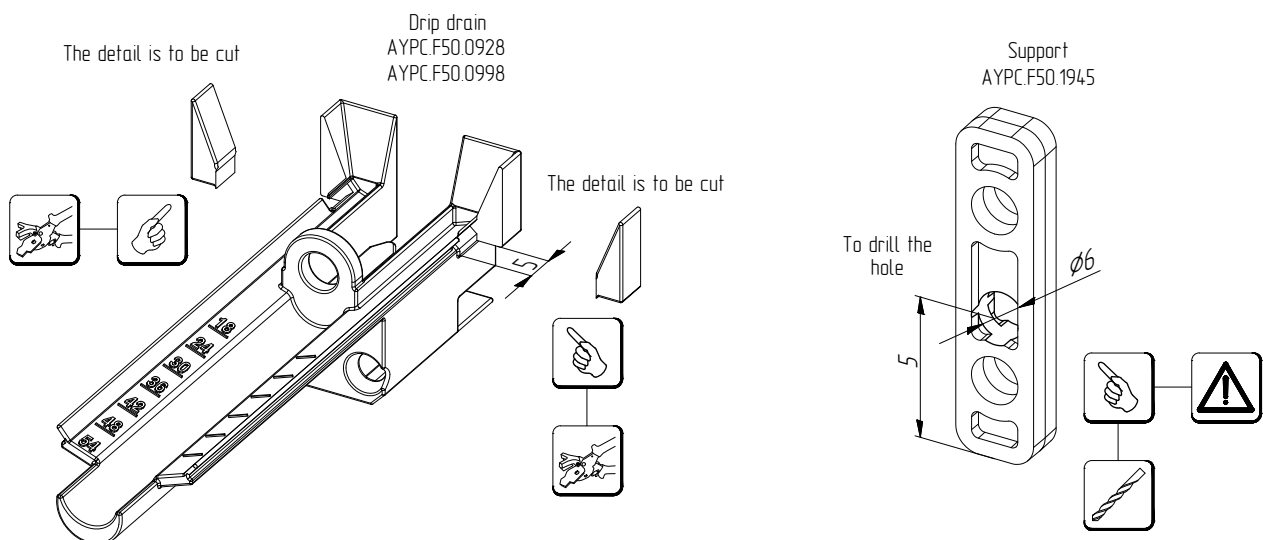
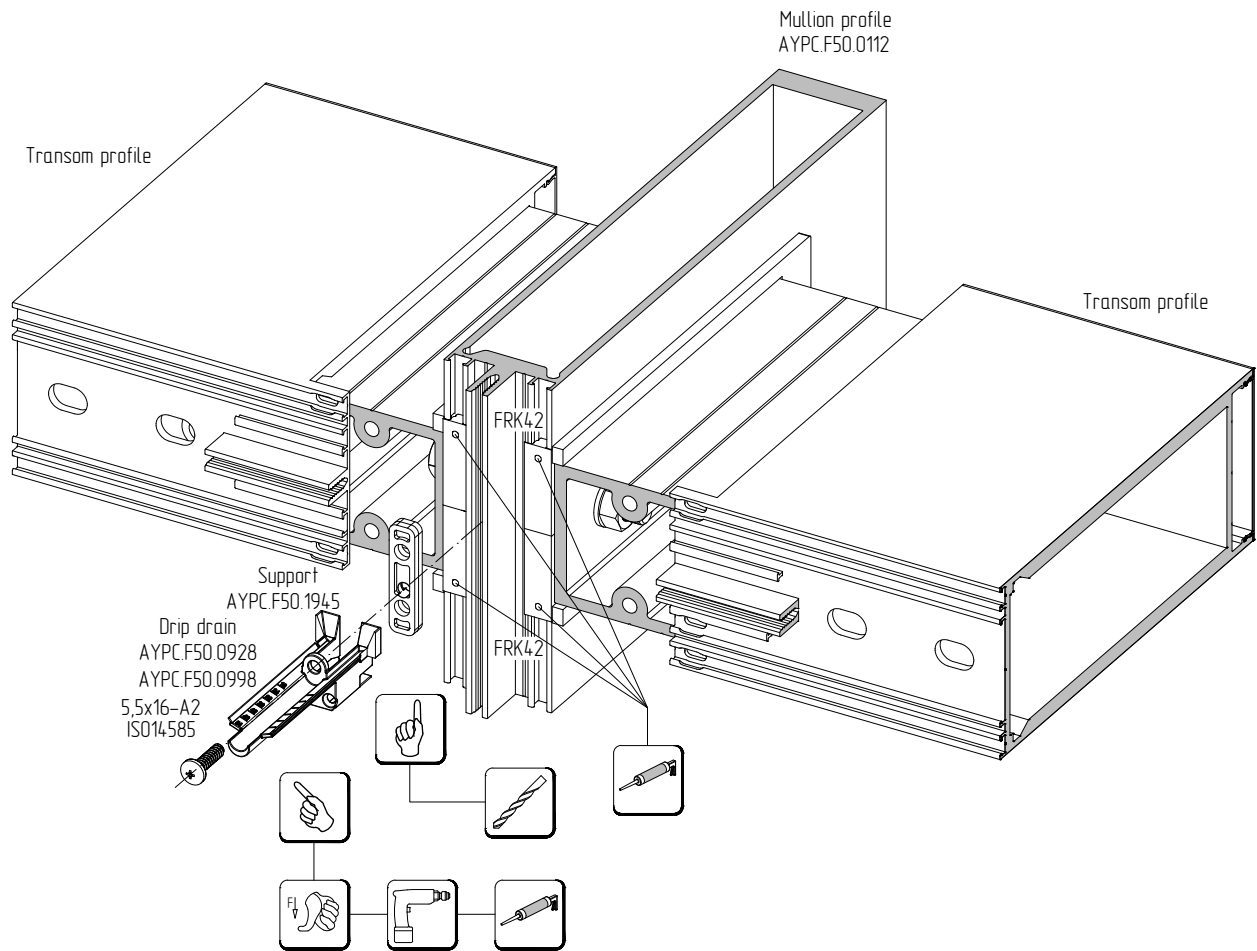
AYPC.F50.0928 u AYPC.F50.0998 drainage spout positioning relative to transom when installed in mullion drainage trays with the cruciform bearing support



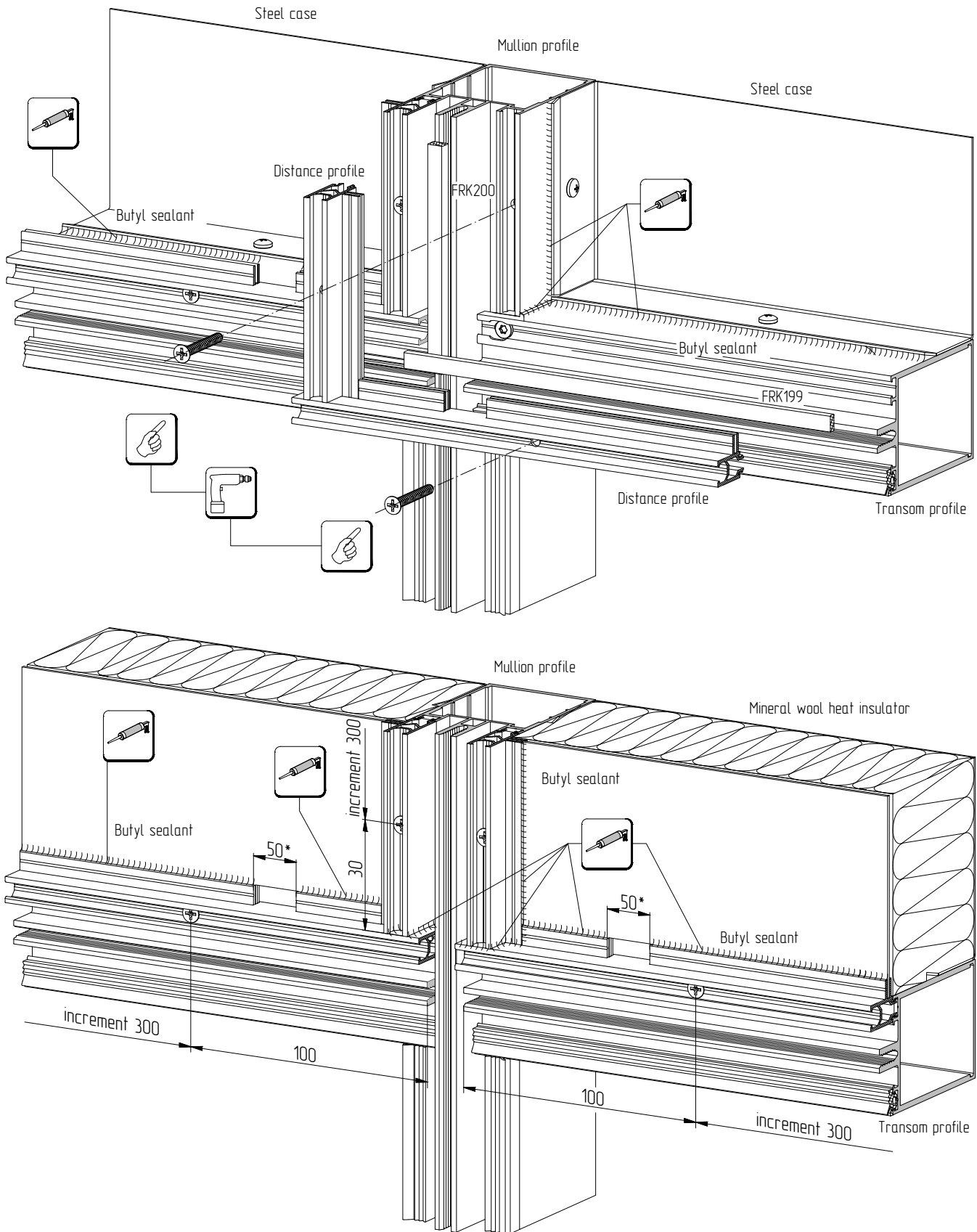
Installation of the AYPC.F50.0928 drip drain into the mullion drainage channel with infill unit thickness of 4-8mm



Installation of the AYPC.F50.0928 drip drain on the AYPC.F50.0112 mullion profile

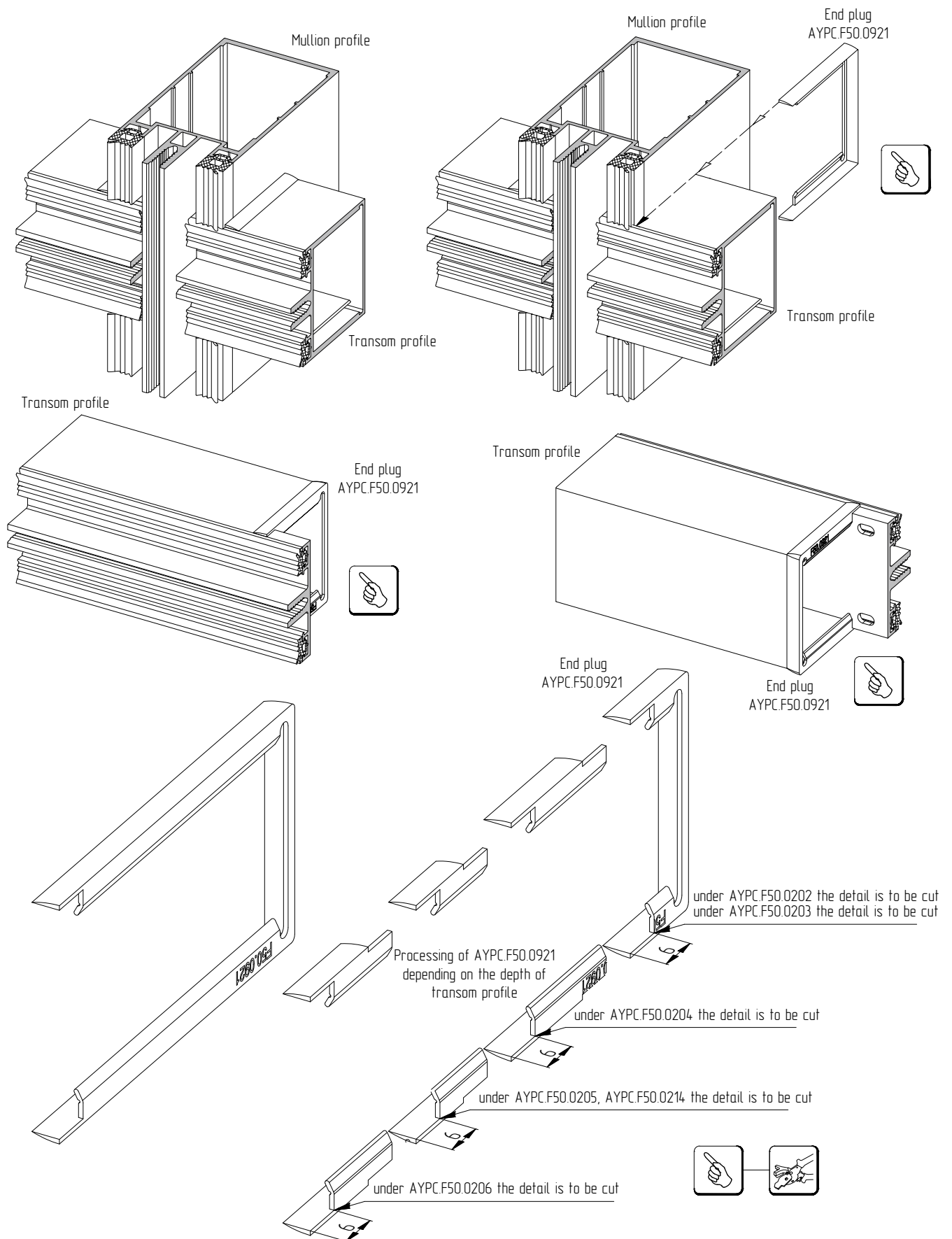


Installation of the AYPC.F50.0901-AYPC.F50.0903 distance PVC-profiles in the non-translucent part of the façade structure when connecting mullion profiles and transom overlapped profiles

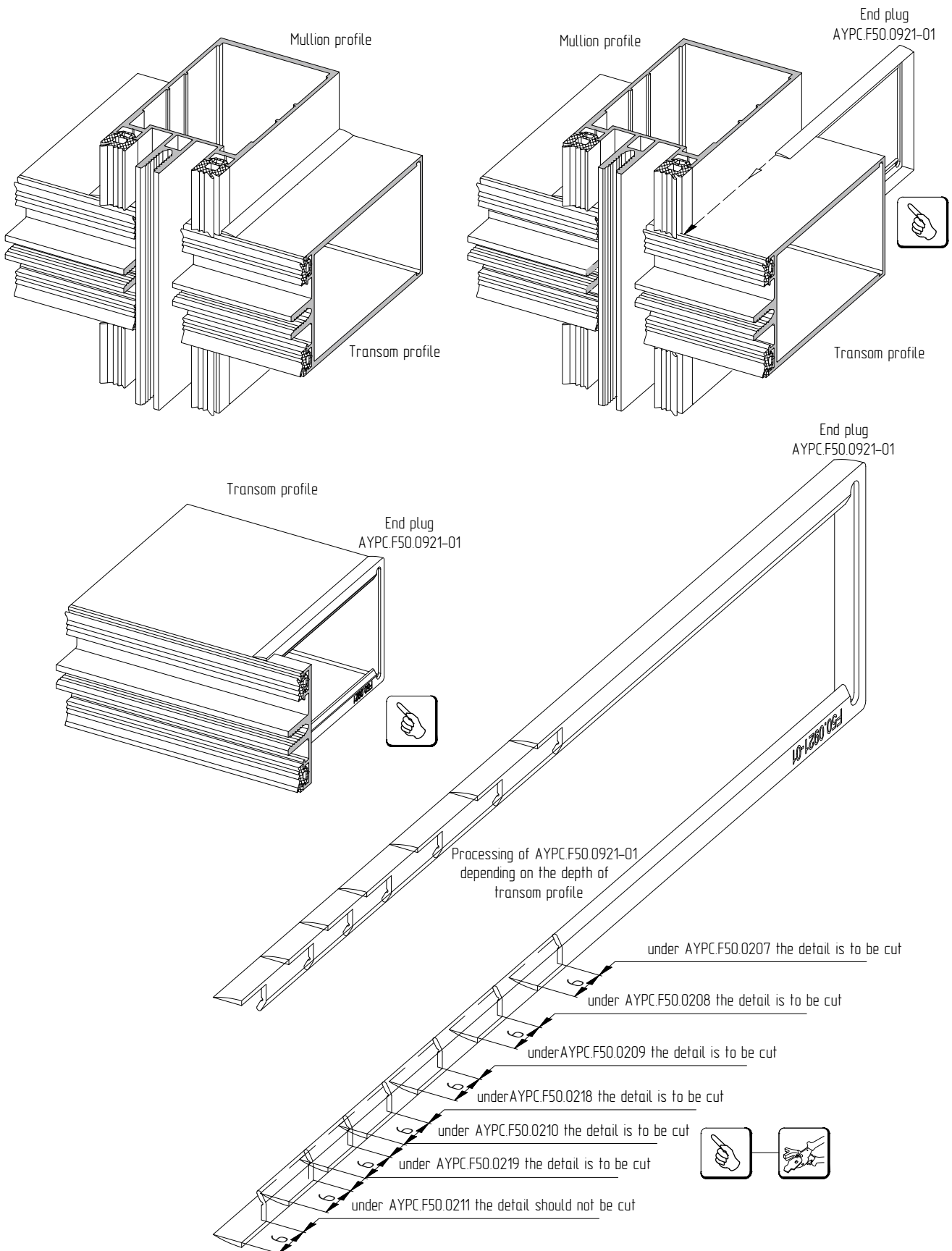


*To ensure the moisture removal and ventilation in distance profiles, it is necessary to make cuts 50 mm long, stepping back from the axes of mullions and transoms at a distance of 225 mm. Make cuts in increments of 500 mm

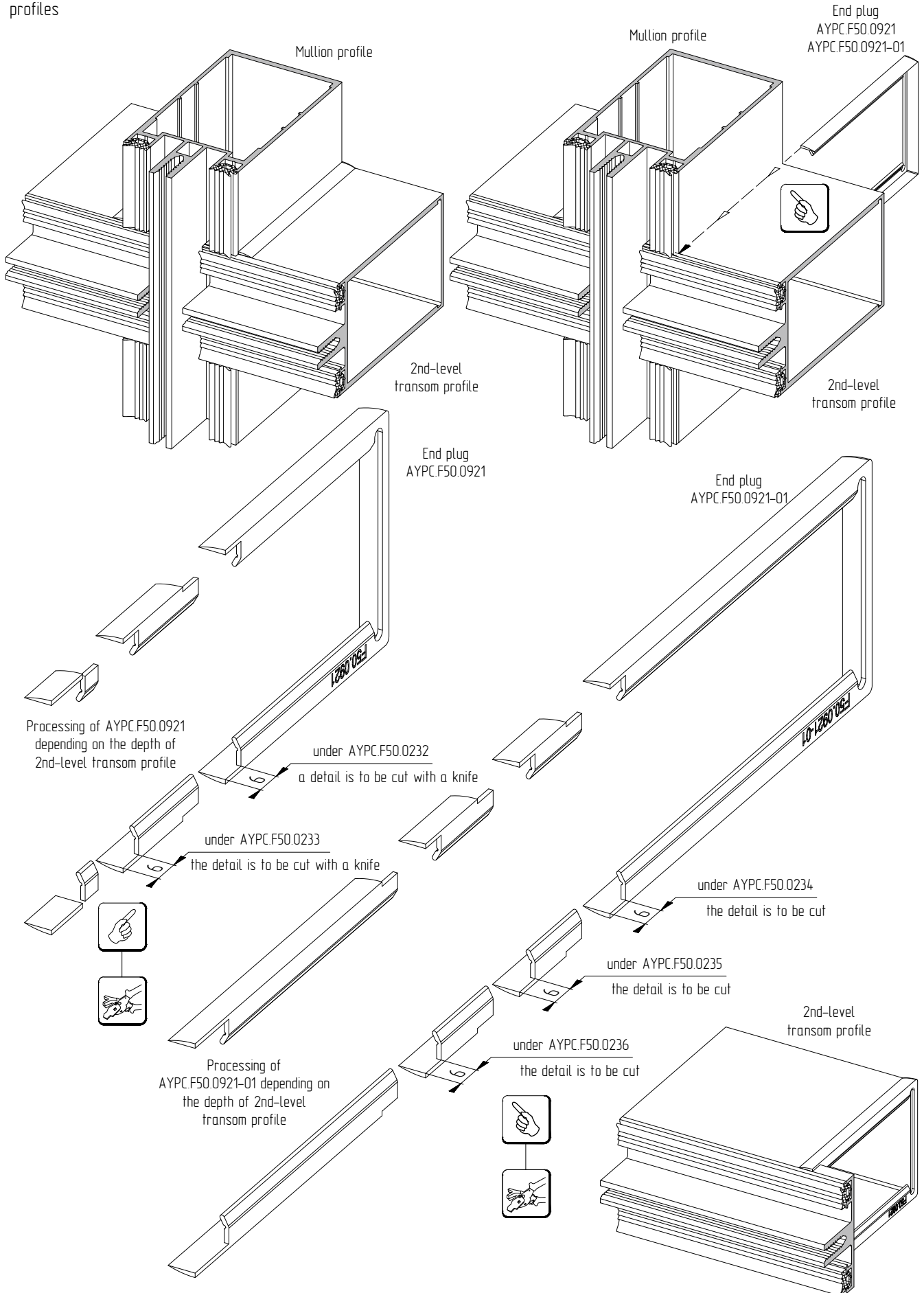
Installation of the AYPC.F50.0921 plastic end plug at the junction point of transom profiles with mullion profiles



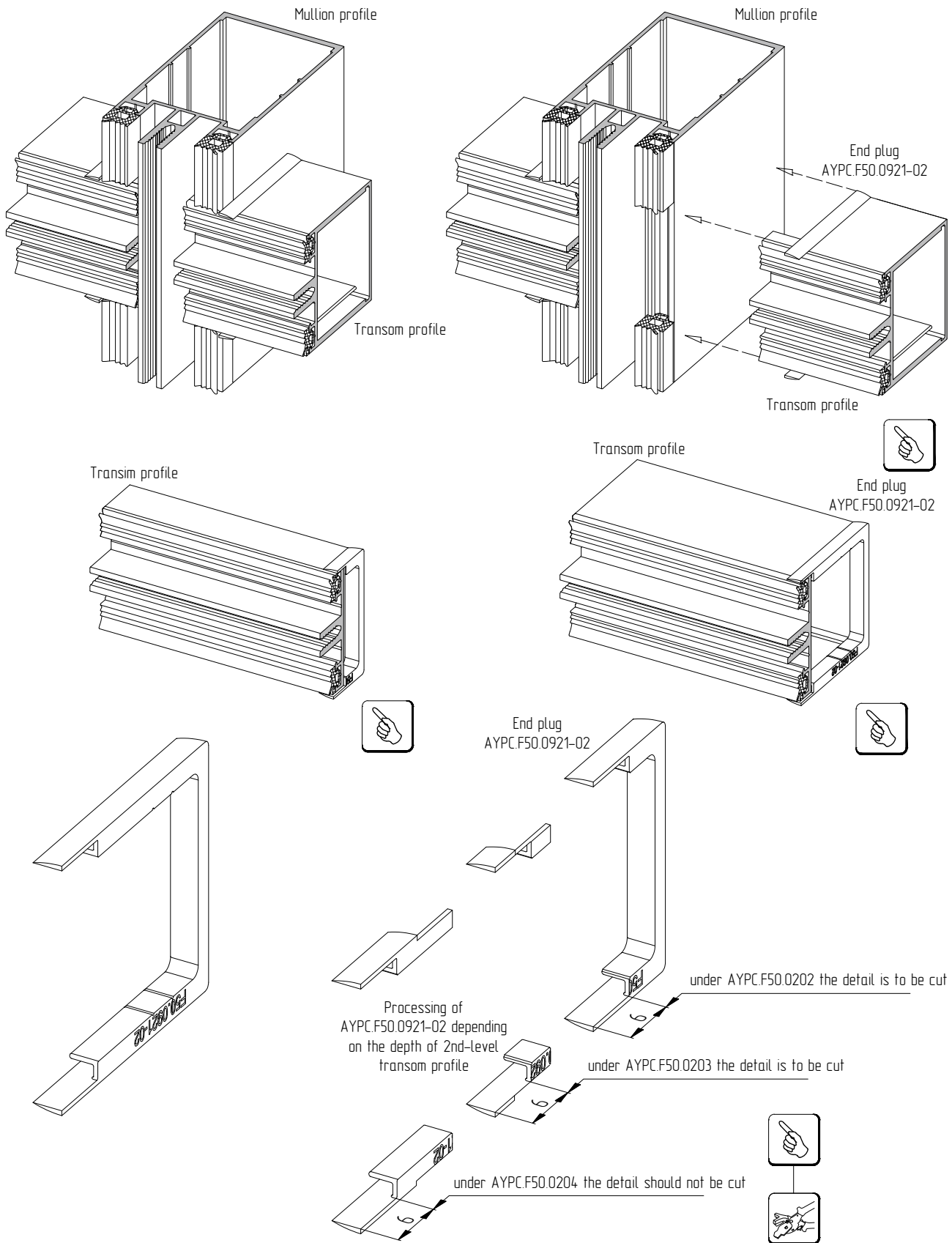
Installation of the AYPC.F50.0921-01 plastic end plug at the junction point of transom profiles with mullion profiles



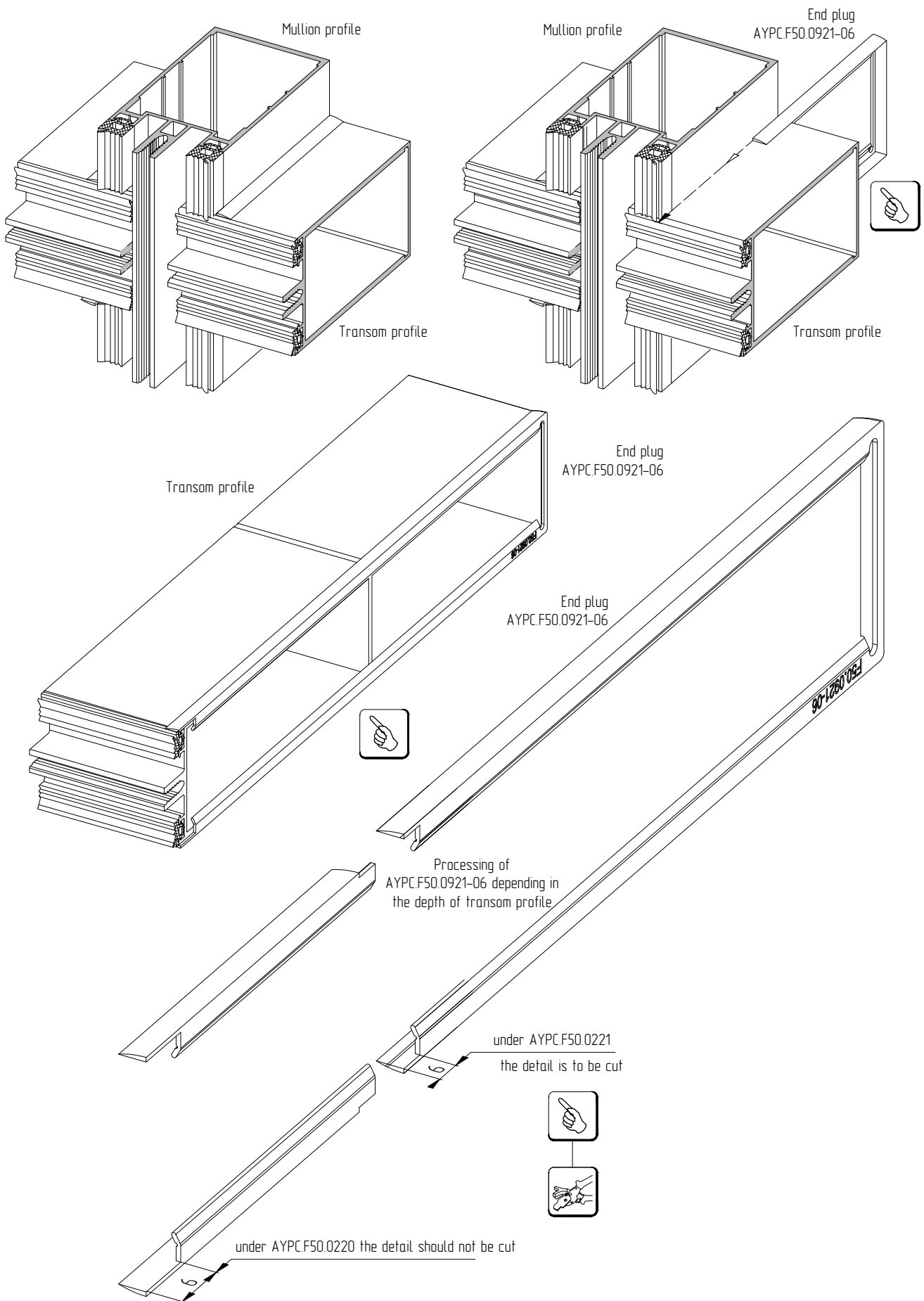
Installation of AYPC.F50.0921 and AYPC.F50.0921-01 plastic end plugs at the junction point of 2nd-level transom profiles with mullion profiles



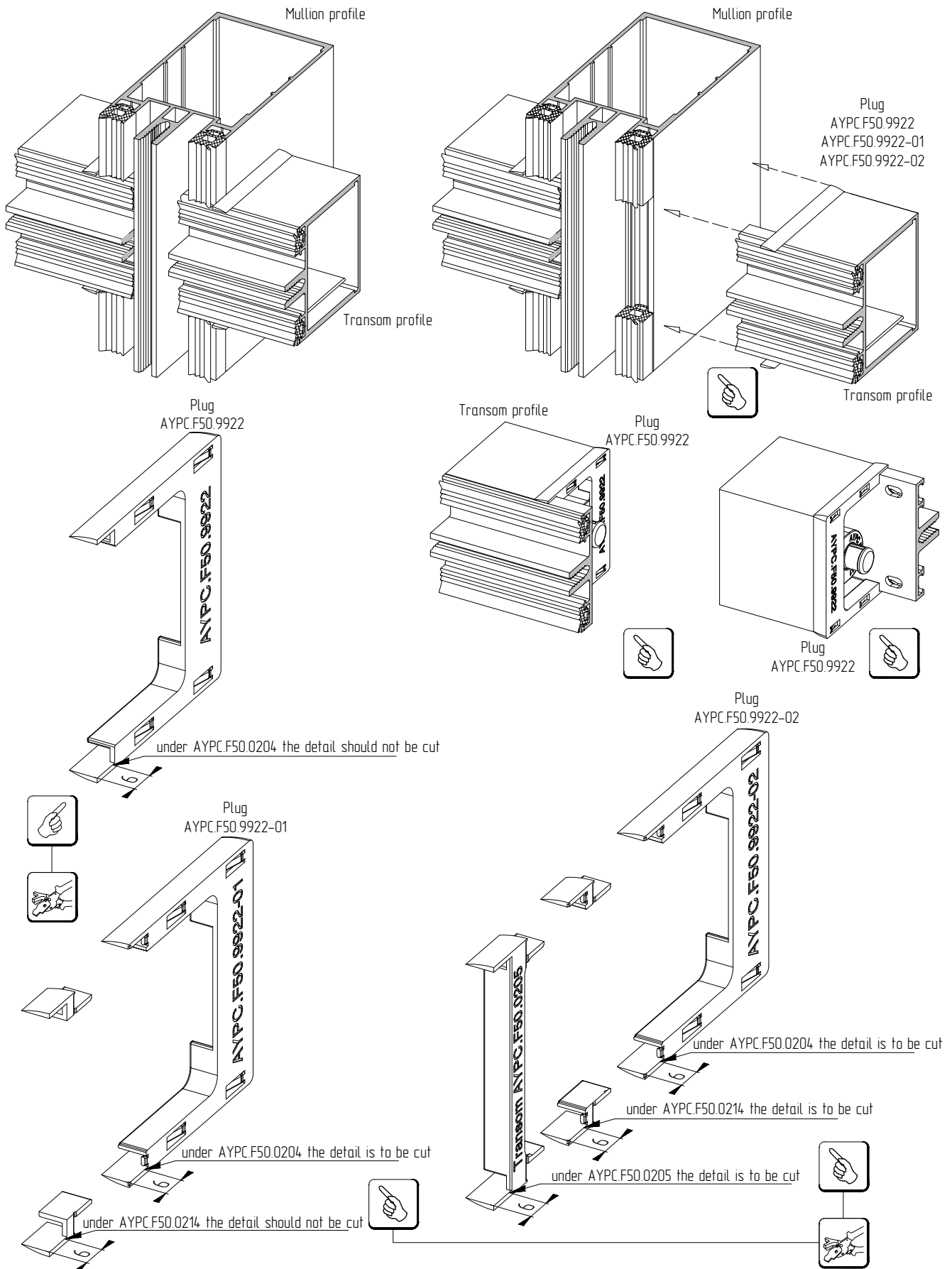
Installation of the AYP.C.F50.0921-02 plastic end plug at the junction point of transom profiles with mullion profiles



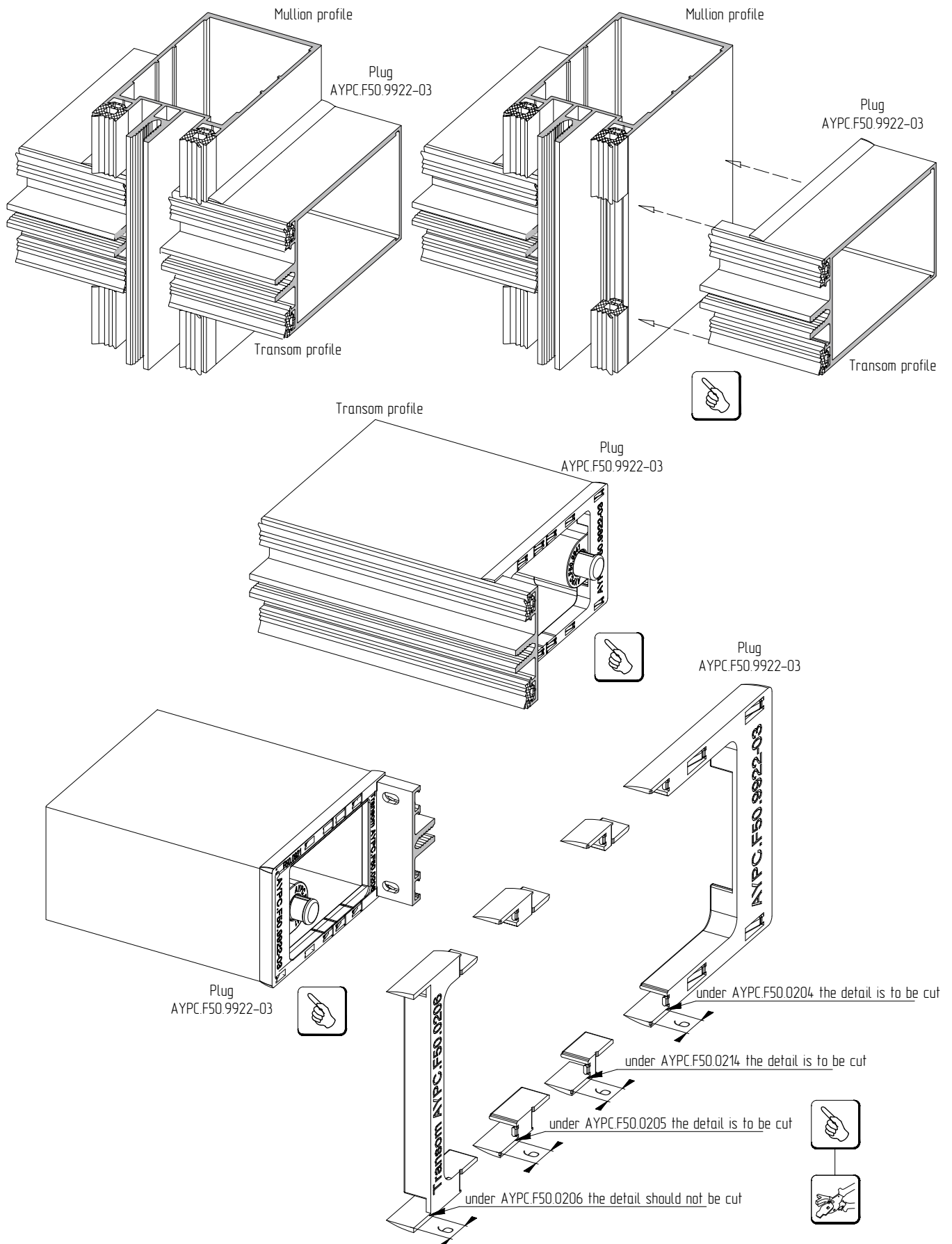
Installation of the AYPC.F50.0921-06 plastic end plug at the junction point of transom profiles with mullion profiles



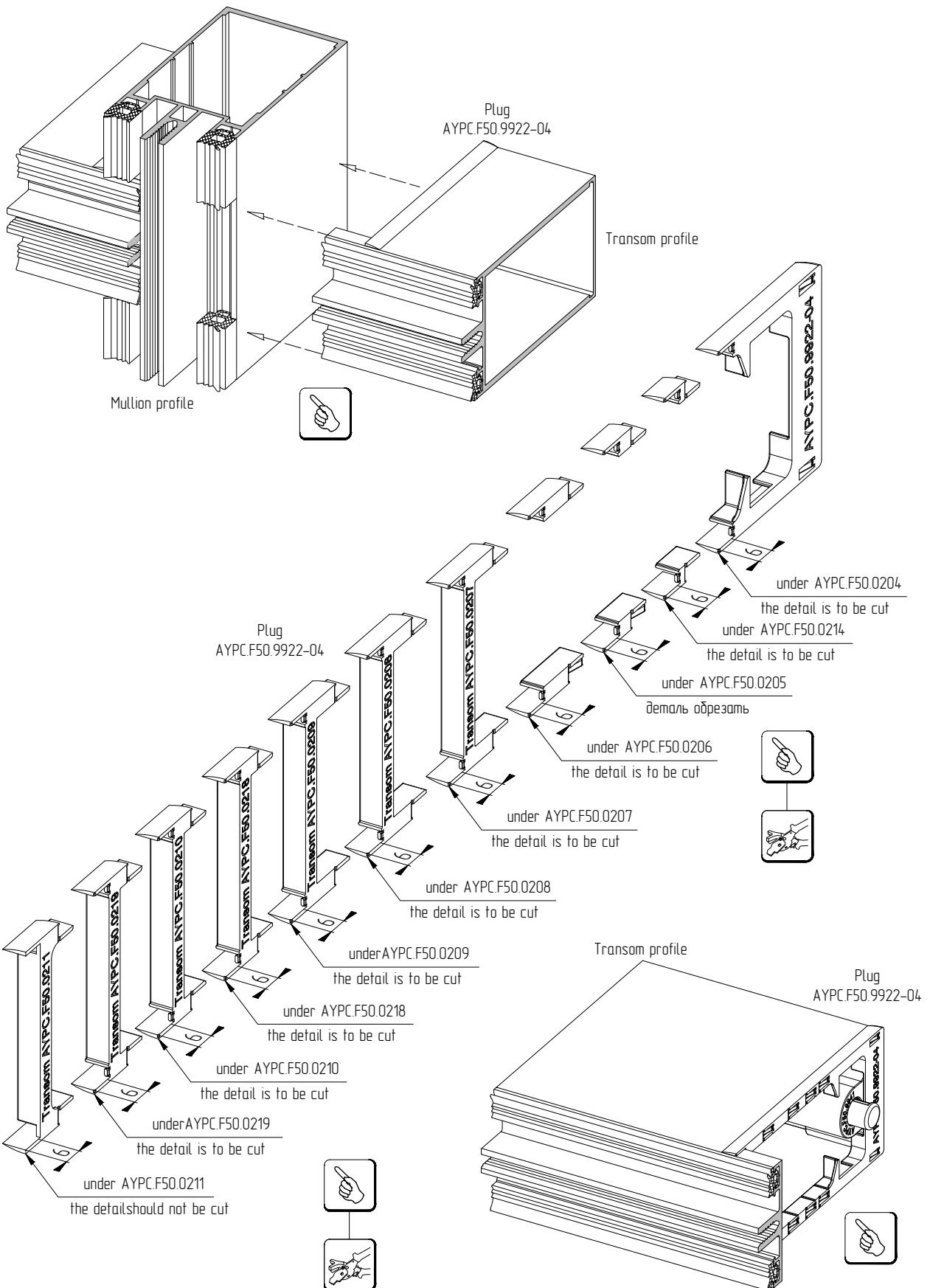
Installation of the AYPC.F50.9922 ... AYPC.F50.9922-02 plastic end plug at the junction point of transom profiles with mullion profiles



Installation of the AYPC.F50.9922-03 plastic end plug at the junction point of transom profiles with mullion profiles

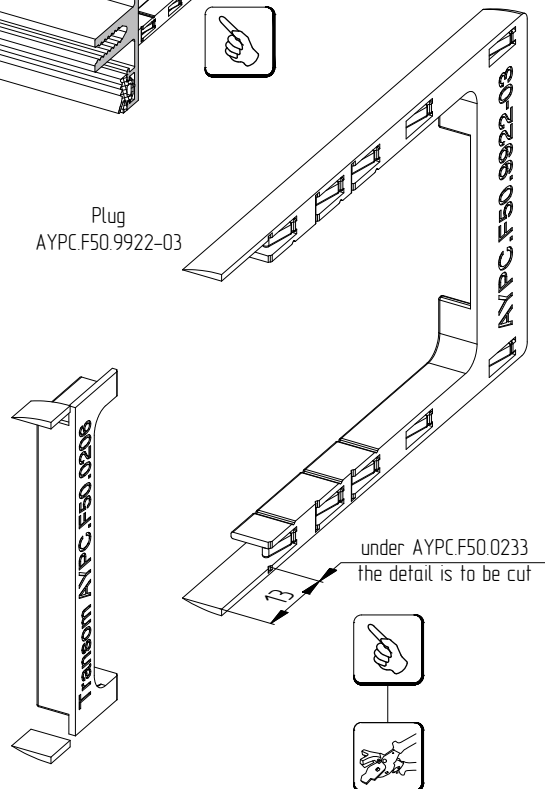
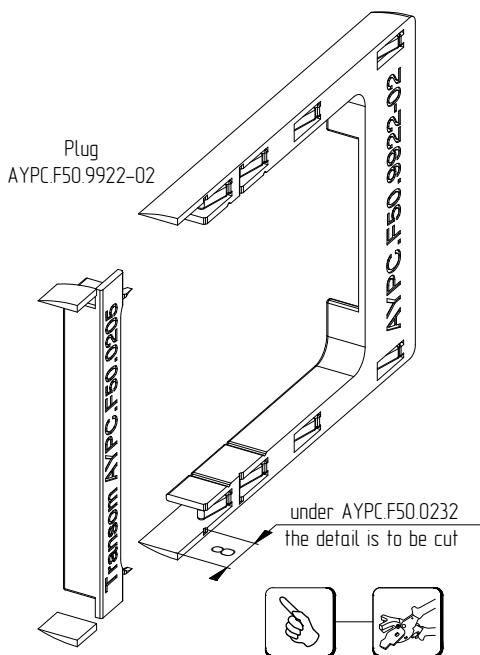
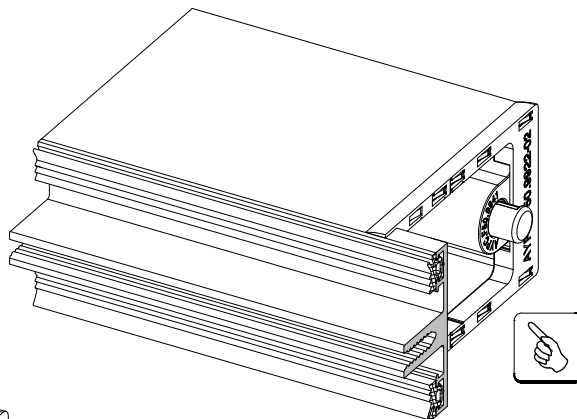
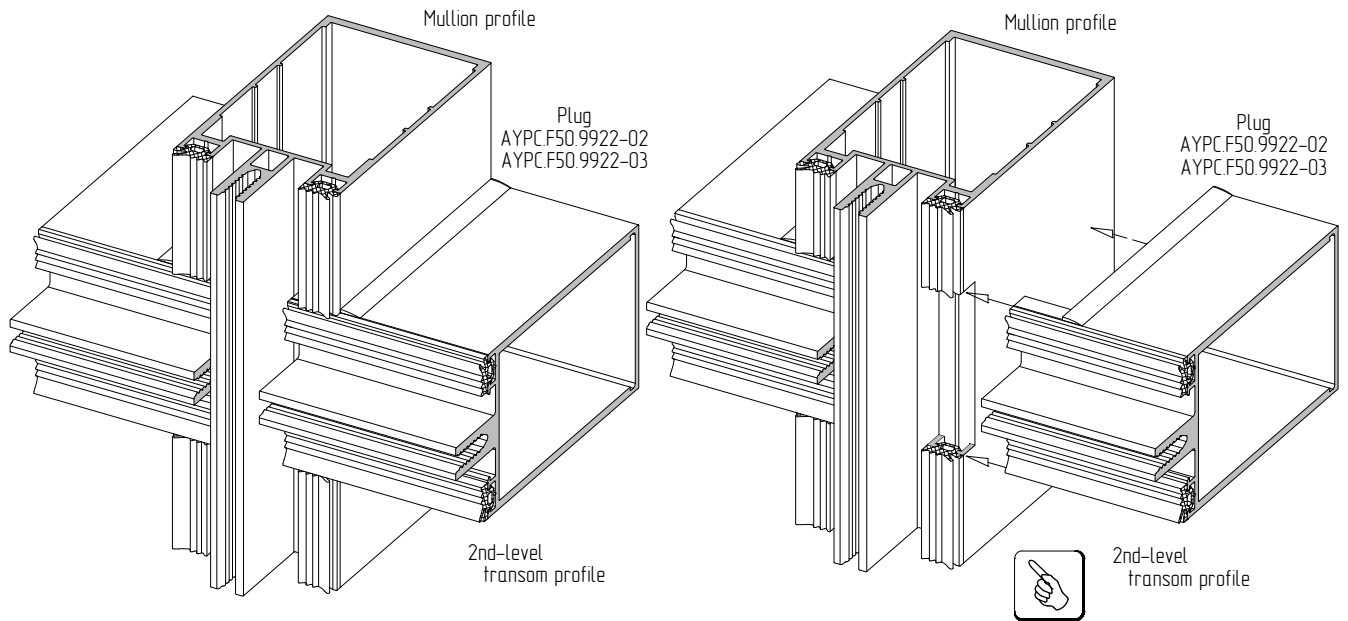


Installation of the AYPC.F50.9922-04 plastic end plug at the junction point of transom profiles with mullion profiles

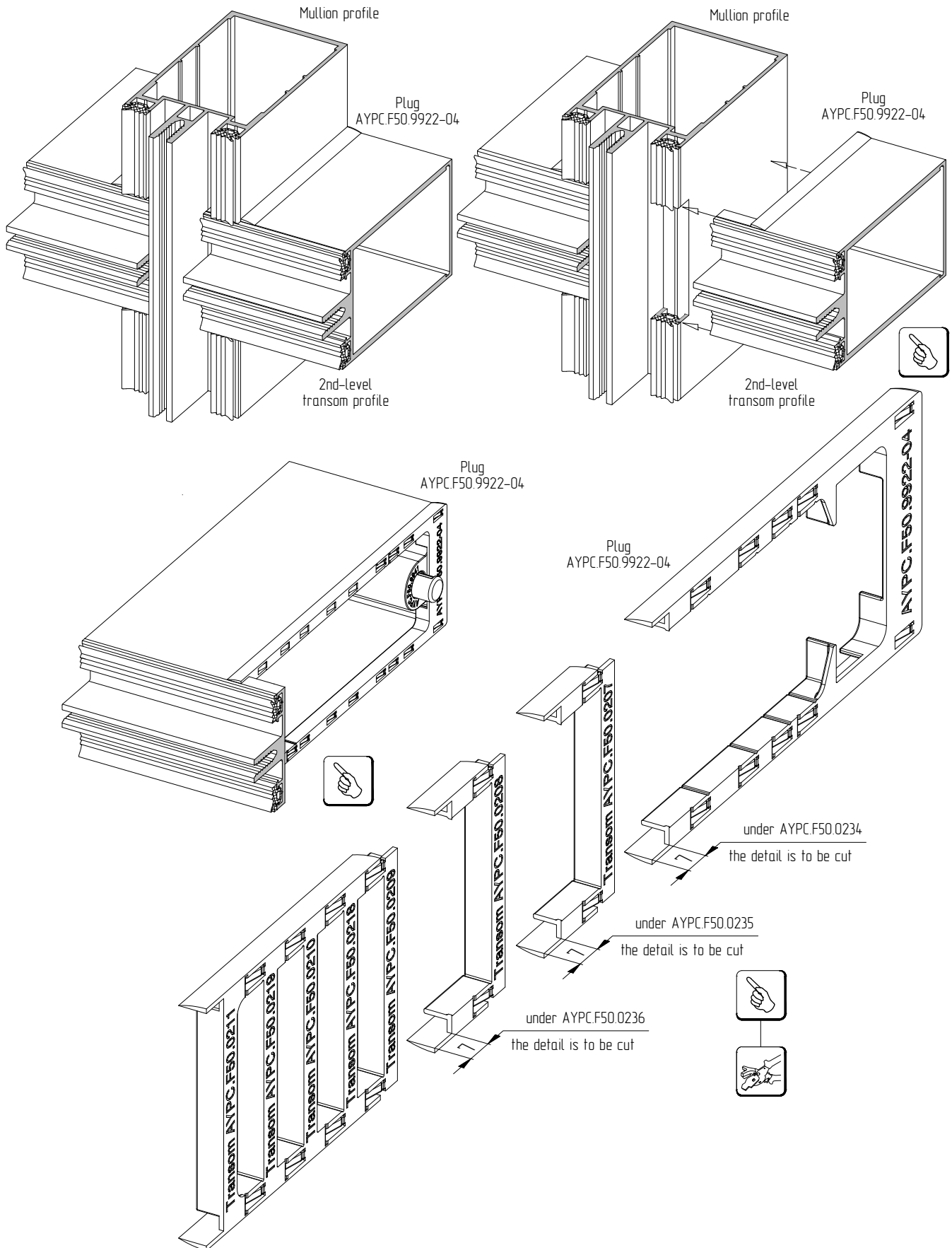


It is possible to install the AYPC.F50.9922-04 end cap on AYPC.F50.0248 and AYPC.F50.0249 transom profiles. Undercutting of plugs should be carried out at place

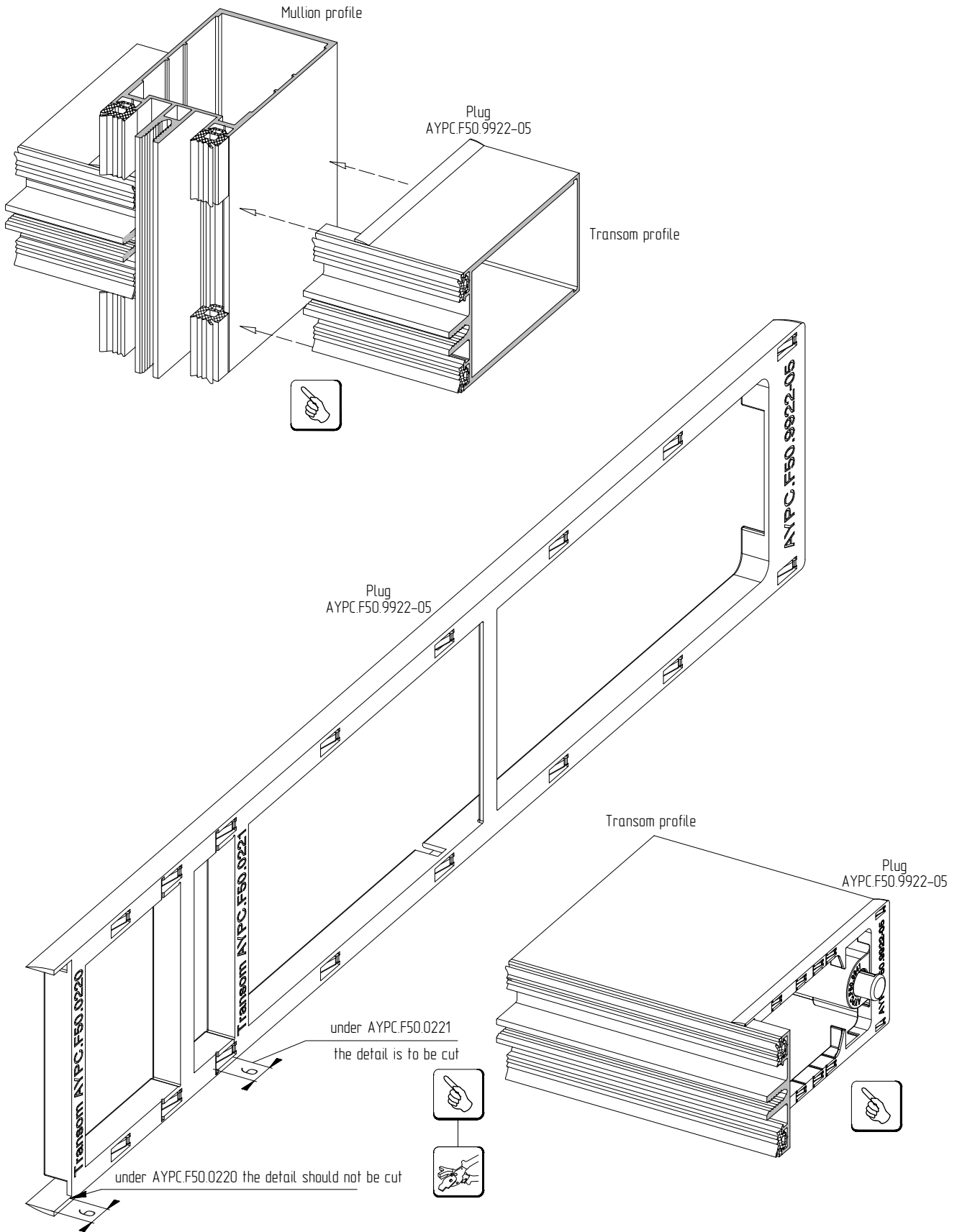
Installation of the AYPC.F50.9922-02... - 03 plastic end plug at the junction point of 2nd-level transom profiles with mullion profiles



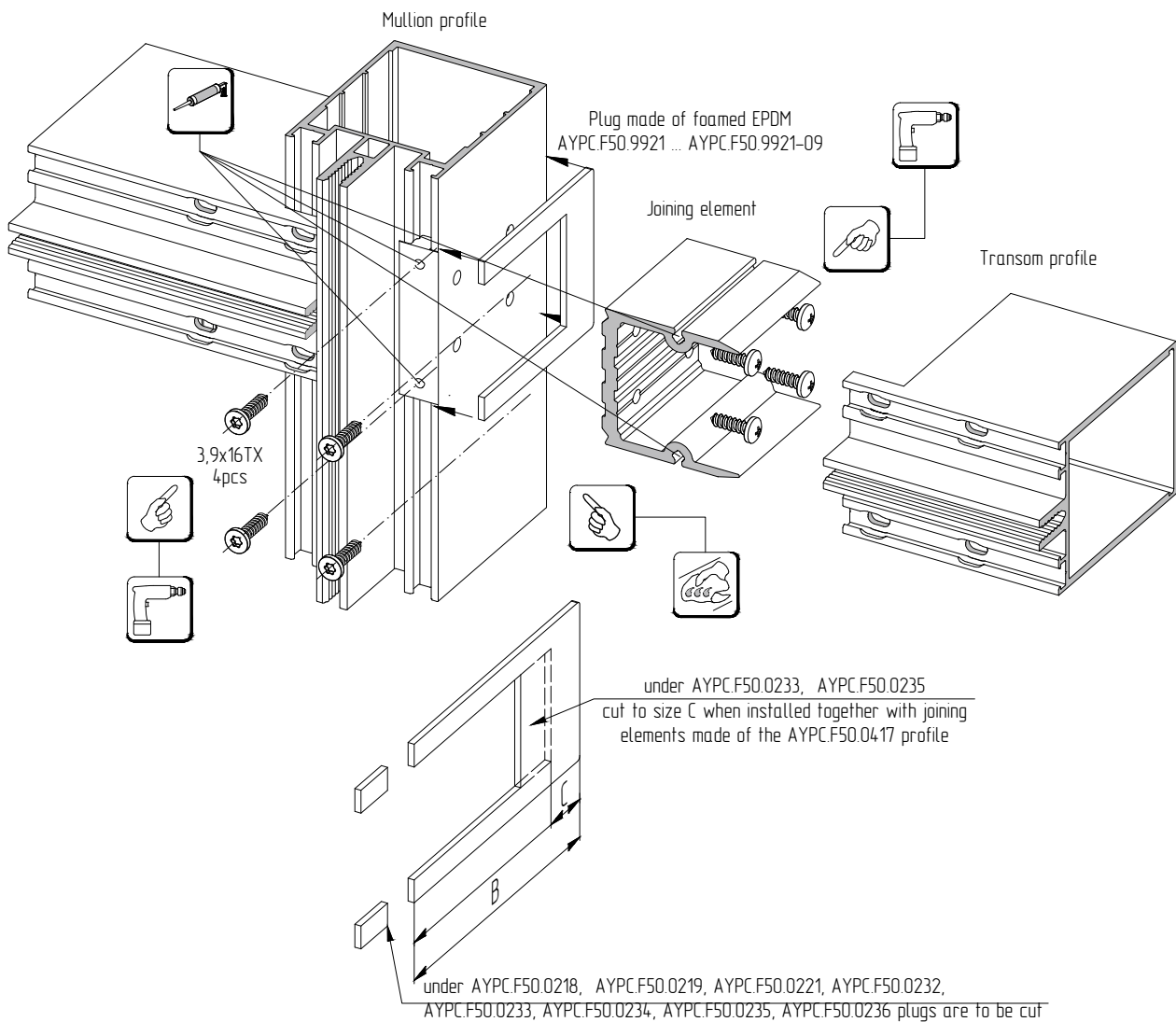
Installation of the AYP.C.F50.9922-04 plastic end plug at the junction point of 2nd-level transom profiles with mullion profiles



Installation of the AYP.C.F50.9922-05 plastic end plug at the junction point of transom profiles with mullion profiles



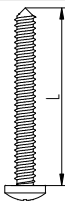
Installation of AYPC.F50.9921 ... AYPC.F50.9921-09 end plugs made of EPDM at the junction point of transom profiles with mullion profiles

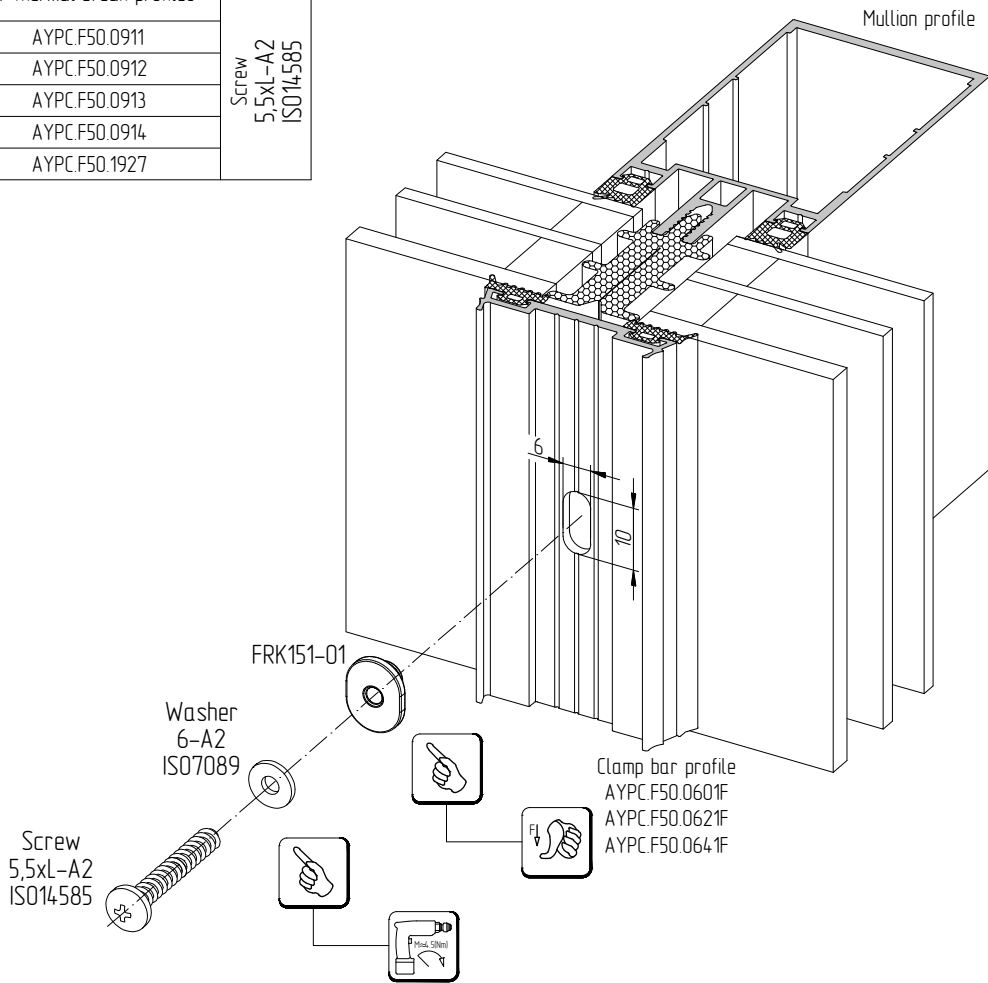


Application table of end plugs, transoms and joining elements

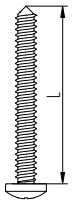
Plug article	Dimension B, mm	Transom profile	Joining element made of AYPC.F50.0405 profile	Joining element made of AYPC.F50.0413 profile	Joining element made of AYPC.F50.0417 profile	Dimension C, mm	Joining element made of AYPC.F50.0407 profile
AYPC.F50.9921	39	AYPC.F50.0204	AYPC.F50.9950	AYPC.F50.9951	-	-	-
AYPC.F50.9921-08	48,5	AYPC.F50.0214	AYPC.F50.9950-01	AYPC.F50.9951-01	-	-	-
AYPC.F50.9921-01	61	AYPC.F50.0205	AYPC.F50.9950-02	AYPC.F50.9951-02	-	-	-
AYPC.F50.9921-02	79	AYPC.F50.0206	AYPC.F50.9950-03	AYPC.F50.9951-03	AYPC.F50.9953	-	-
AYPC.F50.9921-03	99	AYPC.F50.0207	AYPC.F50.9950-04	AYPC.F50.9951-04	AYPC.F50.9953	-	AYPC.F50.9954
AYPC.F50.9921-04	119	AYPC.F50.0208	AYPC.F50.9950-05	AYPC.F50.9951-05	AYPC.F50.9953-01	-	AYPC.F50.9954-01
AYPC.F50.9921-04	119	AYPC.F50.0248	AYPC.F50.9950-05	AYPC.F50.9951-05	AYPC.F50.9953-01	-	AYPC.F50.9954-01
AYPC.F50.9921-05	139	AYPC.F50.0209	AYPC.F50.9950-06	AYPC.F50.9951-06	AYPC.F50.9953-01	-	AYPC.F50.9954-02
AYPC.F50.9921-05	139	AYPC.F50.0249	AYPC.F50.9950-06	AYPC.F50.9951-06	AYPC.F50.9953-01	-	AYPC.F50.9954-02
AYPC.F50.9921-06	169	AYPC.F50.0210	AYPC.F50.9950-07	AYPC.F50.9951-07	AYPC.F50.9953-02	-	AYPC.F50.9954-03
AYPC.F50.9921-07	199	AYPC.F50.0211	AYPC.F50.9950-08	AYPC.F50.9951-08	AYPC.F50.9953-02	-	AYPC.F50.9954-04
AYPC.F50.9921-09	269	AYPC.F50.0220	AYPC.F50.9950-07 AYPC.F50.9950-05	AYPC.F50.9951-07 AYPC.F50.9951-05	AYPC.F50.9953-02 AYPC.F50.9953-01	-	AYPC.F50.9954-03 AYPC.F50.9954-01
AYPC.F50.9921-09	to be cut up to 209	AYPC.F50.0221	AYPC.F50.9950-08	AYPC.F50.9951-08	AYPC.F50.9953-02	-	AYPC.F50.9954-04
AYPC.F50.9921-06	to be cut up to 154	AYPC.F50.0218	AYPC.F50.9950-06	AYPC.F50.9951-06	AYPC.F50.9953-01	-	AYPC.F50.9954-02
AYPC.F50.9921-07	to be cut up to 184	AYPC.F50.0219	AYPC.F50.9950-07	AYPC.F50.9951-07	AYPC.F50.9953-02	-	AYPC.F50.9954-03
AYPC.F50.9921-01	to be cut up to 56	AYPC.F50.0232	to be manufact., L=41mm	to be manufact., L=41mm	-	-	-
AYPC.F50.9921-02	to be cut up to 74	AYPC.F50.0233	to be manufact., L=53mm	to be manufact., L=53mm	AYPC.F50.9953	17	-
AYPC.F50.9921-03	to be cut up to 94	AYPC.F50.0234	to be manufact., L=71mm	to be manufact., L=71mm	AYPC.F50.9953	-	to be manufact., L=71mm
AYPC.F50.9921-04	to be cut up to 114	AYPC.F50.0235	to be manufact., L=91mm	to be manufact., L=91mm	AYPC.F50.9953-01	19	to be manufact., L=91mm
AYPC.F50.9921-05	to be cut up to 134	AYPC.F50.0236	to be manufact., L=111mm	to be manufact., L=111mm	AYPC.F50.9953-01	-	to be manufact., L=111mm

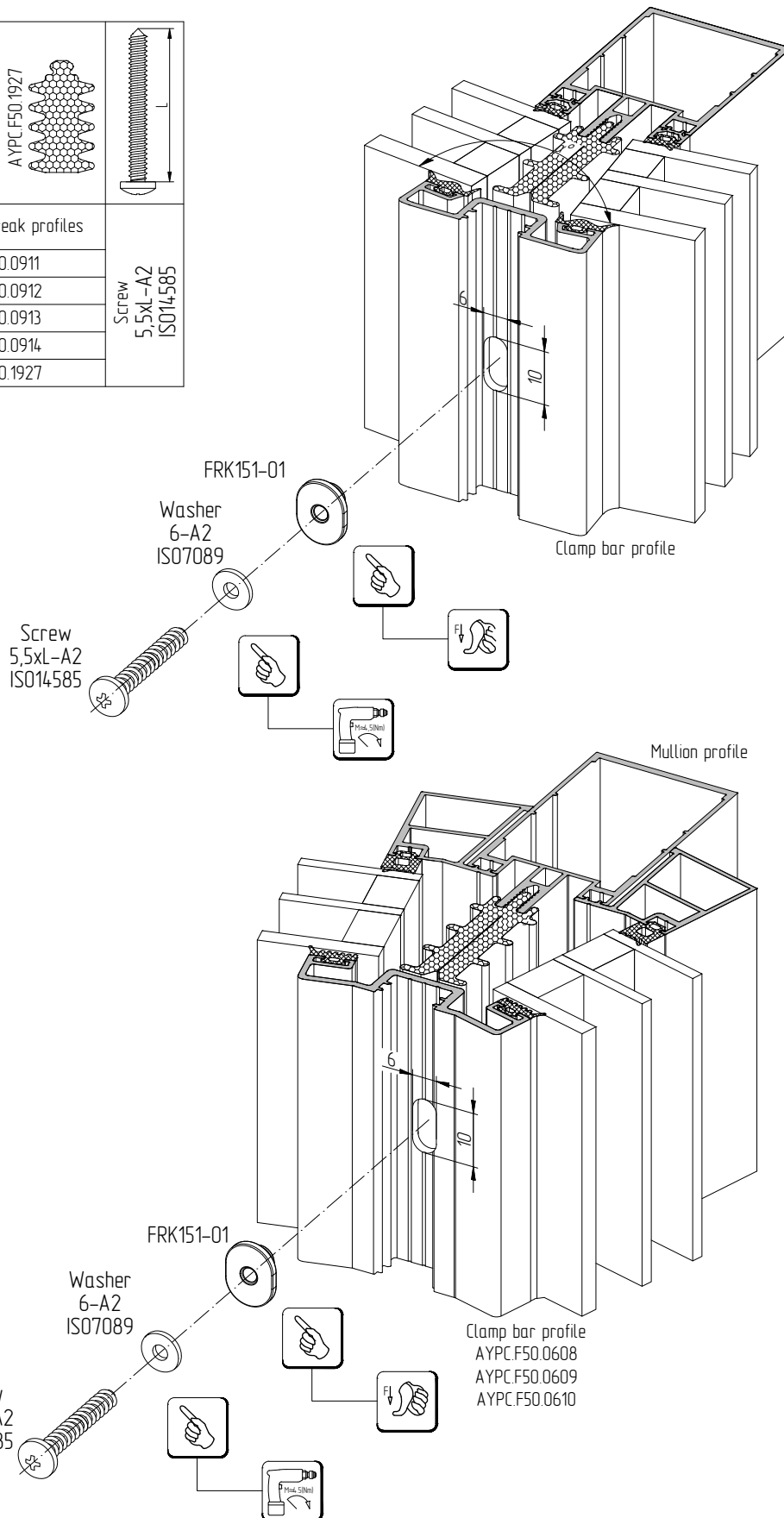
Installation of the FRK151-01 sealing bush to guide the clamp self-tapping screw when passing through the foamed thermal brake

AYPC.F50.0911..0914	AYPC.F50.1927	
For thermal break profiles		Screw 5,5xL-A2 ISO14585
AYPC.F50.0911		
AYPC.F50.0912		
AYPC.F50.0913		
AYPC.F50.0914		
AYPC.F50.1927		

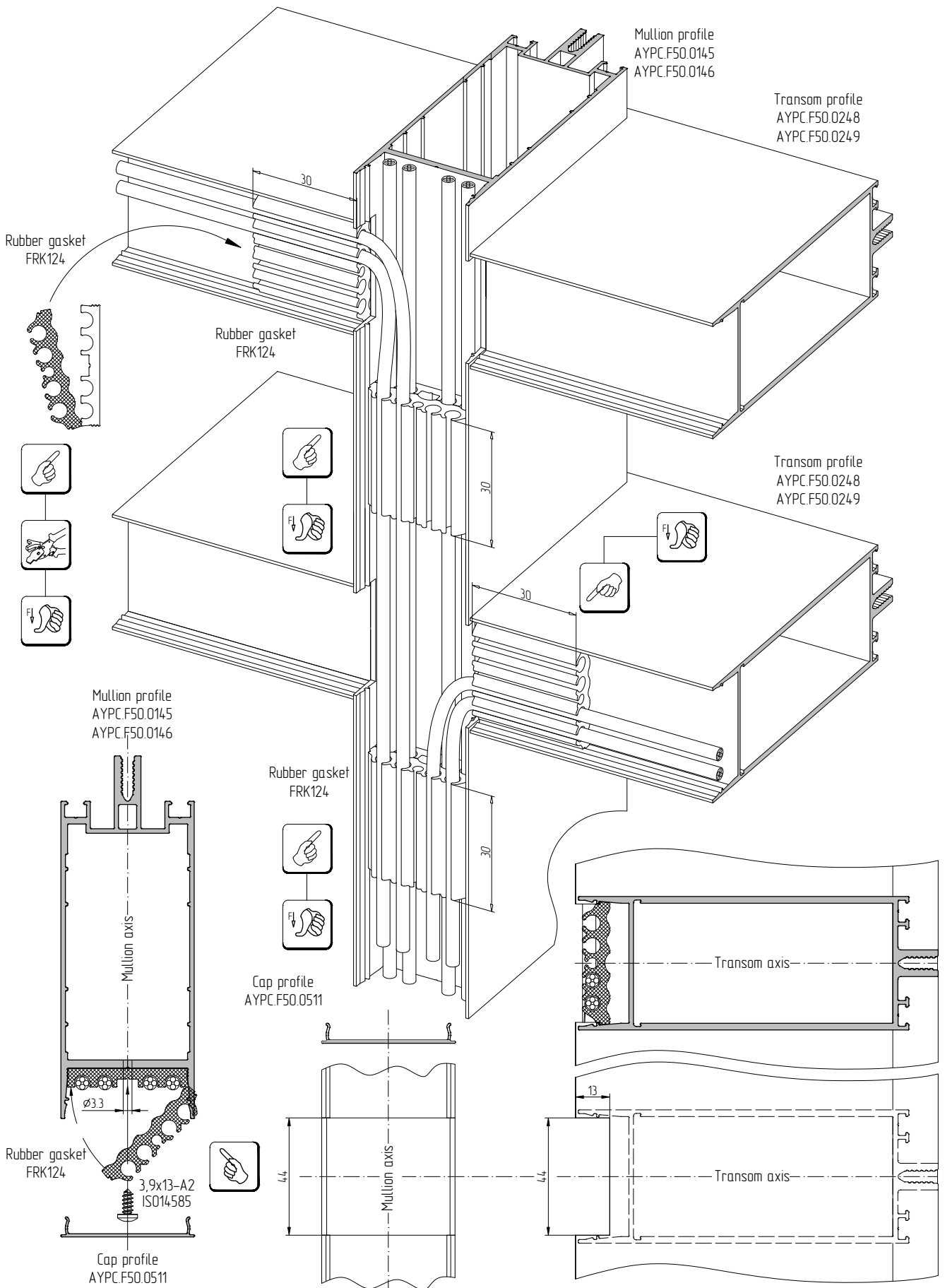


Installation of the FRK151-01 sealing bush to guide the clamp self-tapping screw when passing through the foamed thermal brake

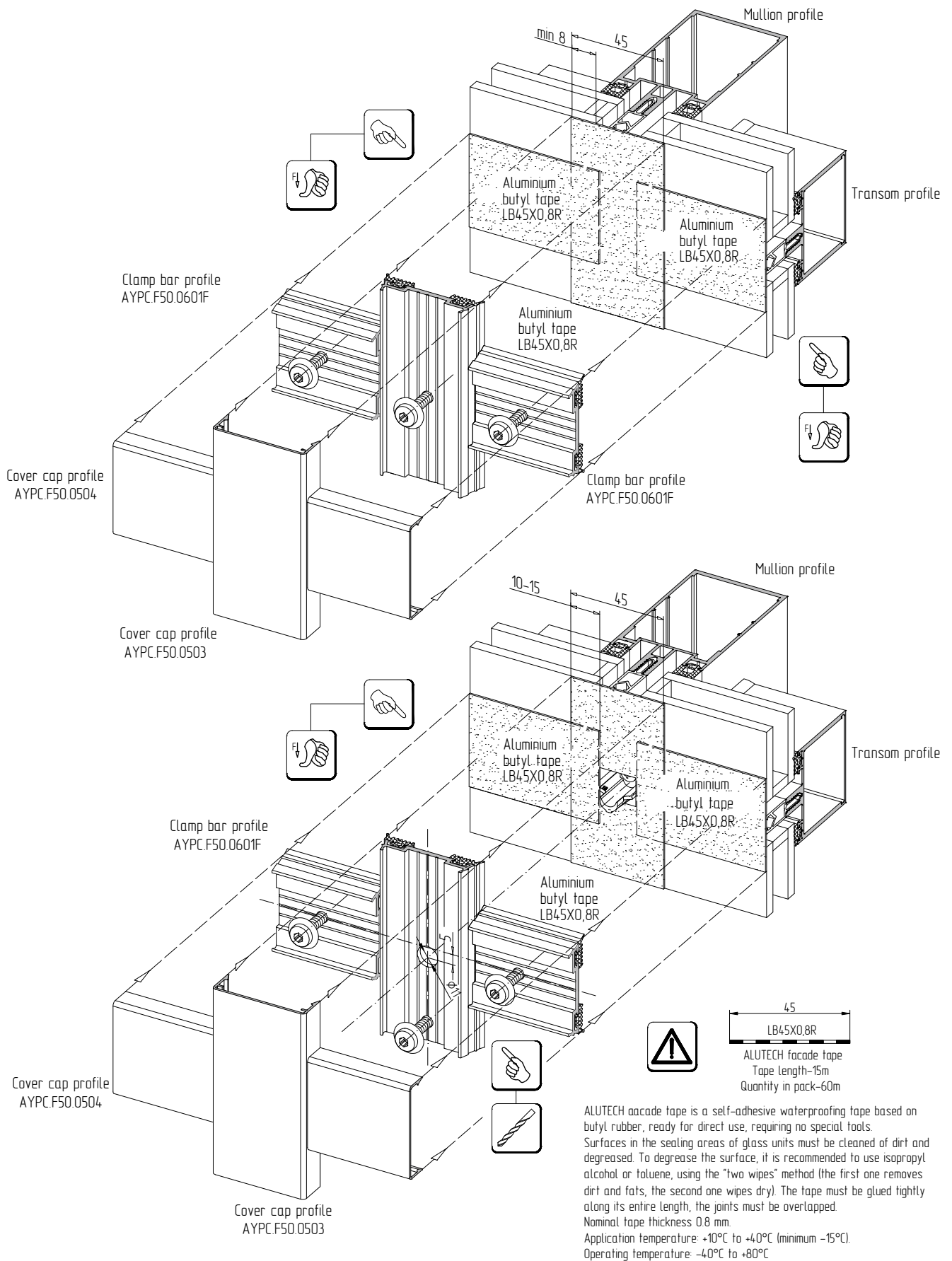
AYPC.F50.0911..0914	AYPC.F50.1927	
For thermal break profiles		
AYPC.F50.0911	Screw 5,5xL-A2 ISO14585	
AYPC.F50.0912		
AYPC.F50.0913		
AYPC.F50.0914		
AYPC.F50.1927		



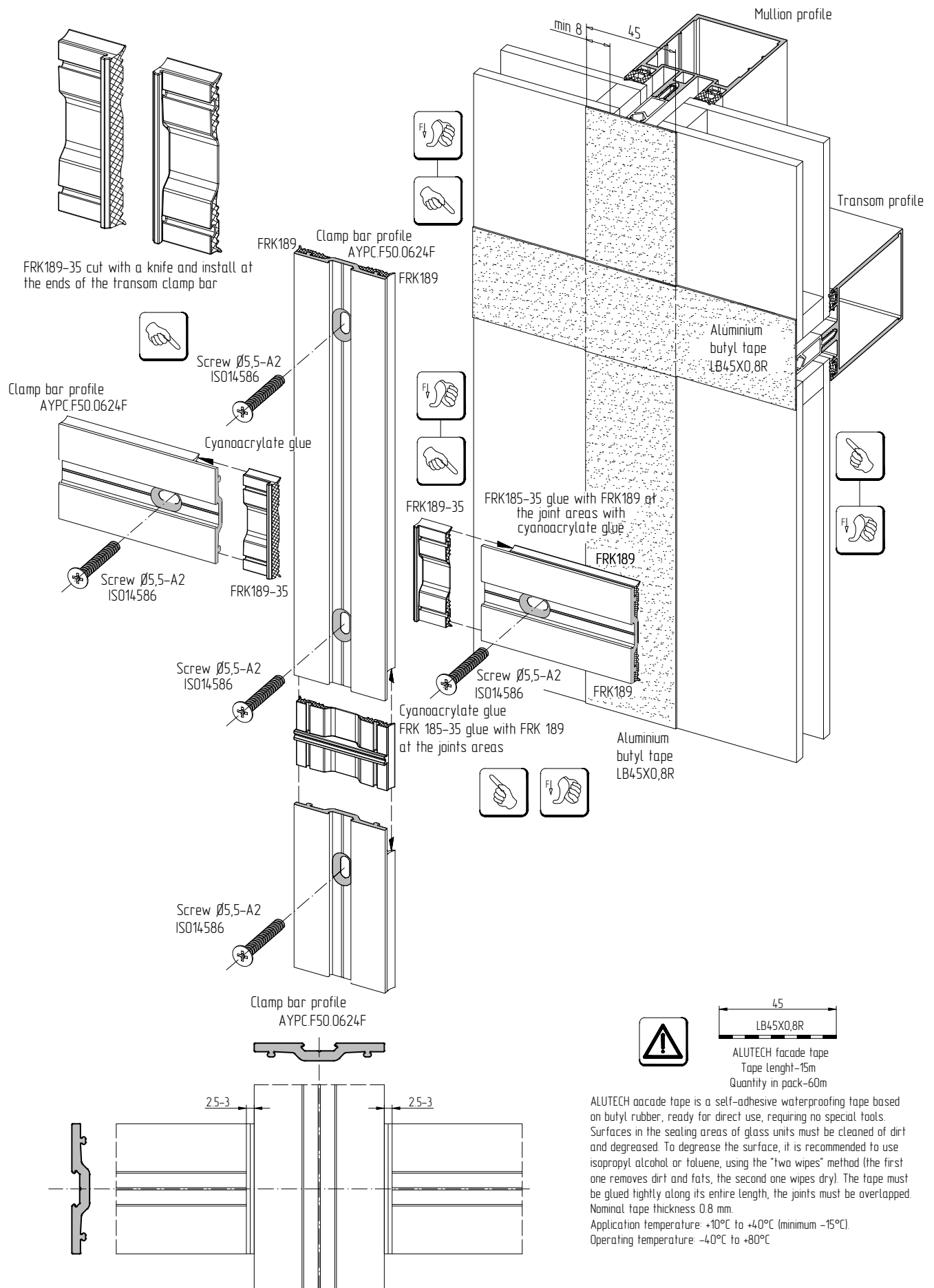
Scheme of electrical wiring laying using a FRK124 rubber gasket



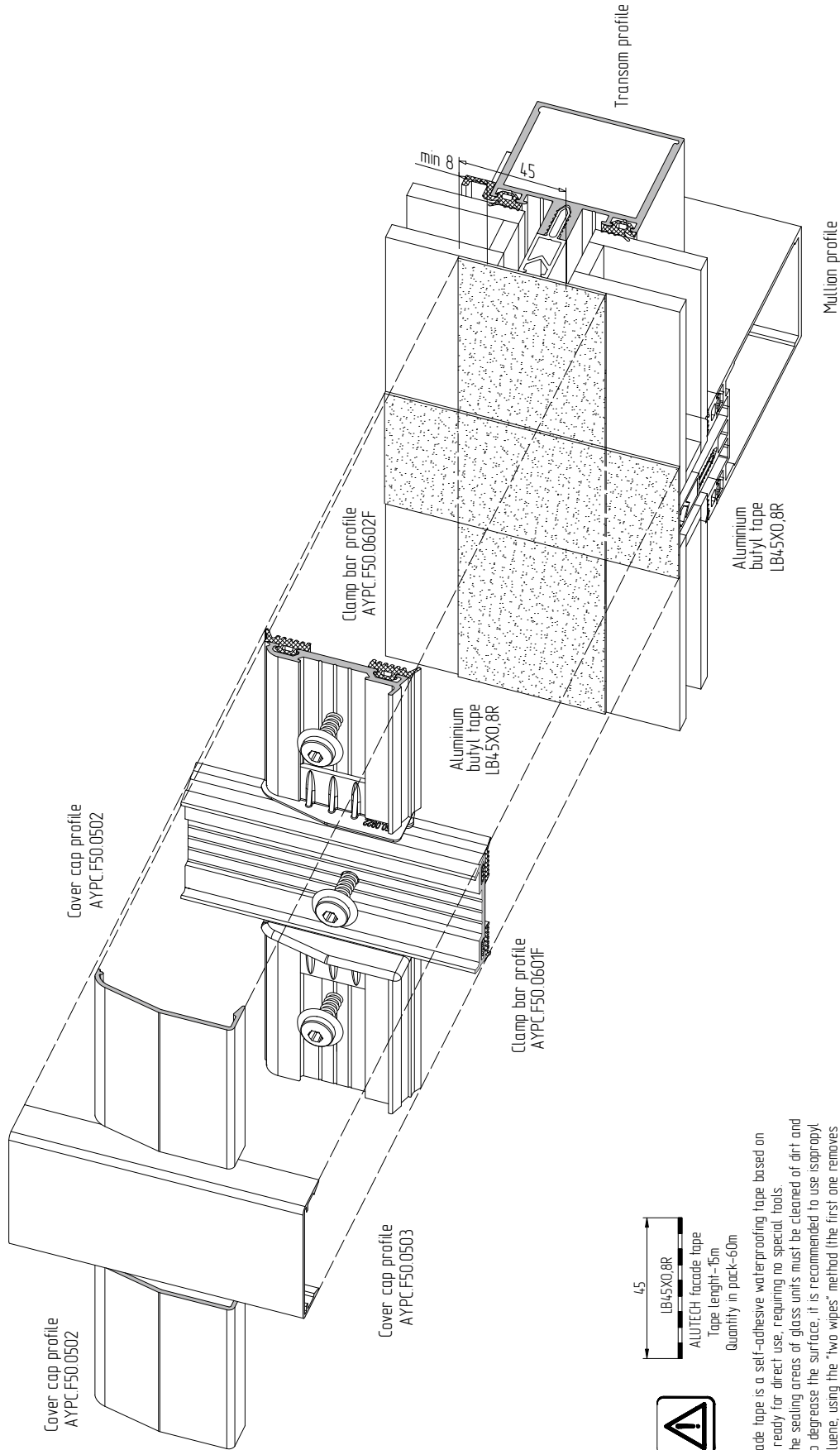
Installation of aluminium butyl tape



Application of the FRK189-35 plug



Installation of aluminium butyl tape

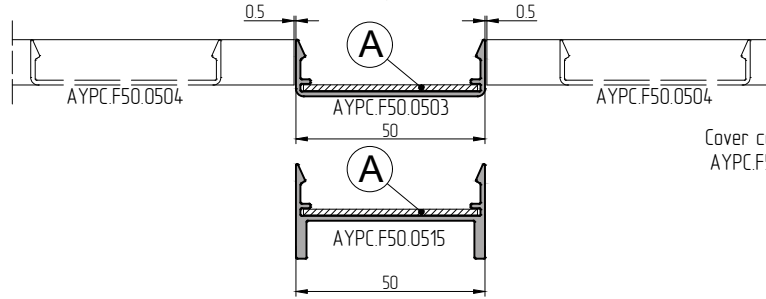


ALUTECH facade tape is a self-adhesive waterproofing tape based on butyl rubber, ready for direct use, requiring no special tools. Surfaces in the sealing areas of glass units must be cleaned of dirt and degreased. To degrease the surface, it is recommended to use isopropyl alcohol or toluene, using the "two wipes" method (the first one removes dirt and fats, the second one wipes dry). The tape must be glued tightly along its entire length, the joints must be overlapped. Nominal tape thickness 0.8 mm.

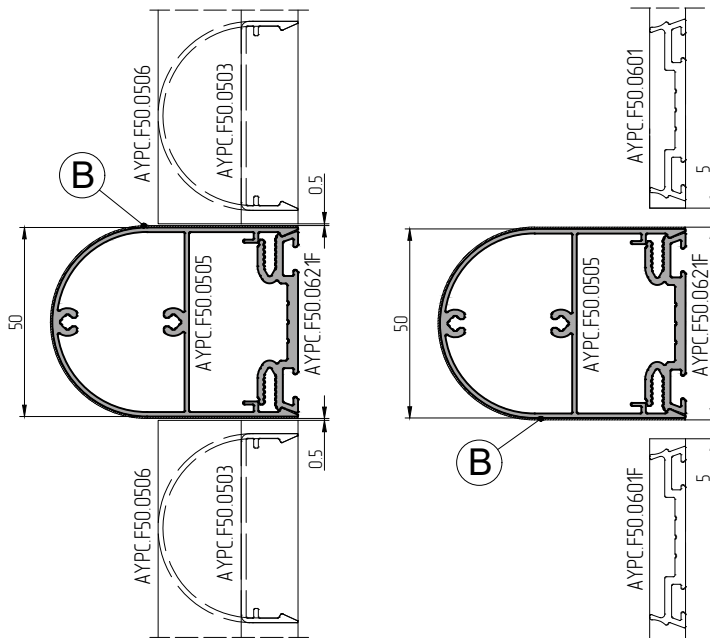
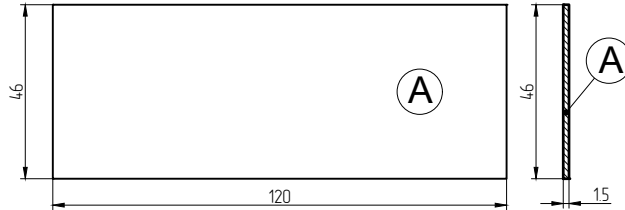
Application temperature: +10°C to +40°C (minimum -15°C).

Operating temperature: -40°C to +80°C

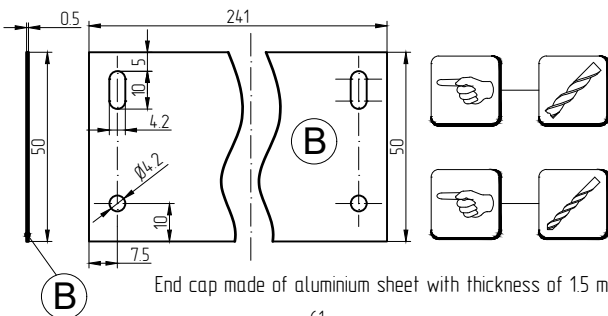
Installation of aluminium inserts at the junction point of AYPC.F50.0503, AYPC.F50.0515 and AYPC.F50.0505 cover cap profiles



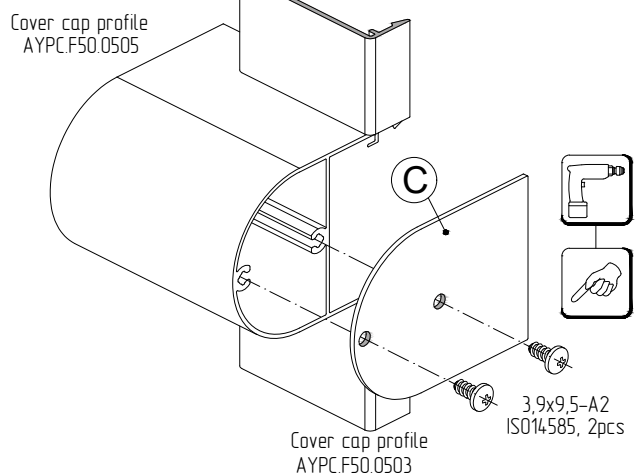
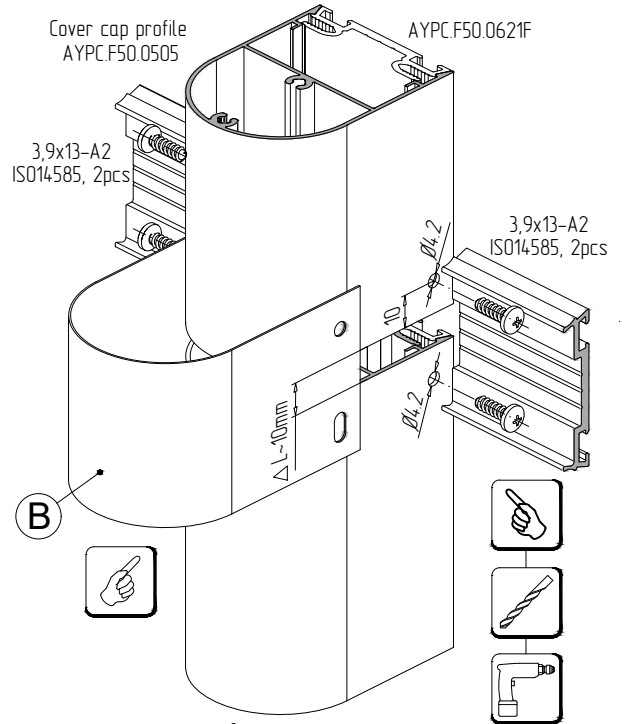
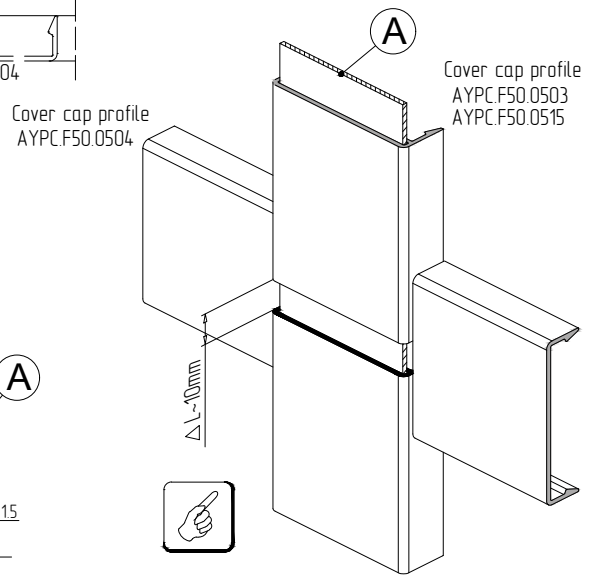
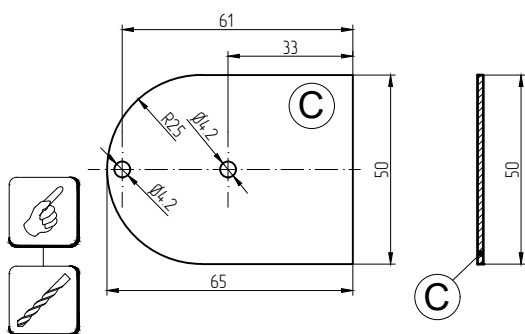
Inserts made of aluminium sheet with thickness of 1.5 mm



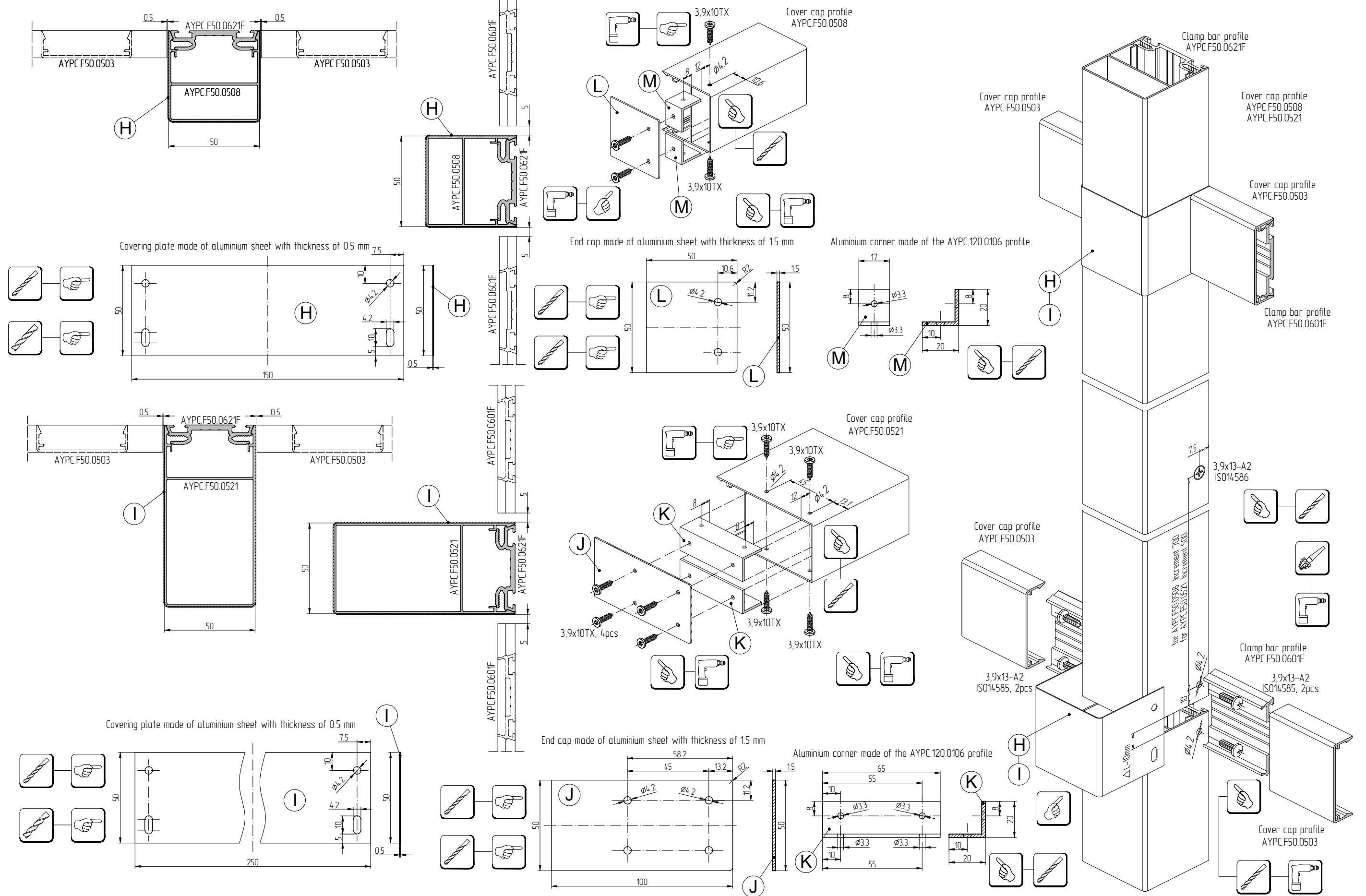
Insert made of aluminium sheet with thickness of 0.5 mm



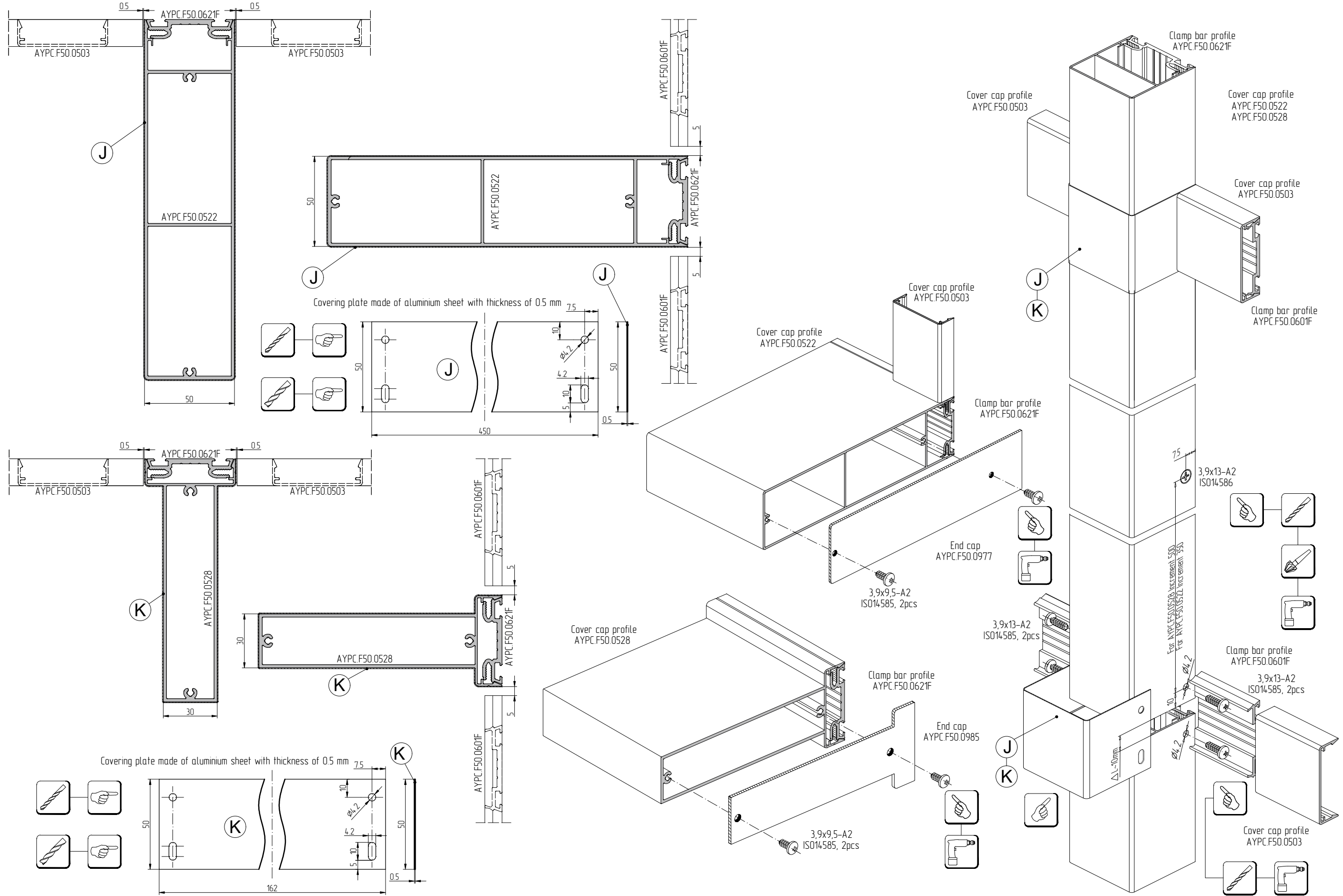
End cap made of aluminium sheet with thickness of 1.5 mm



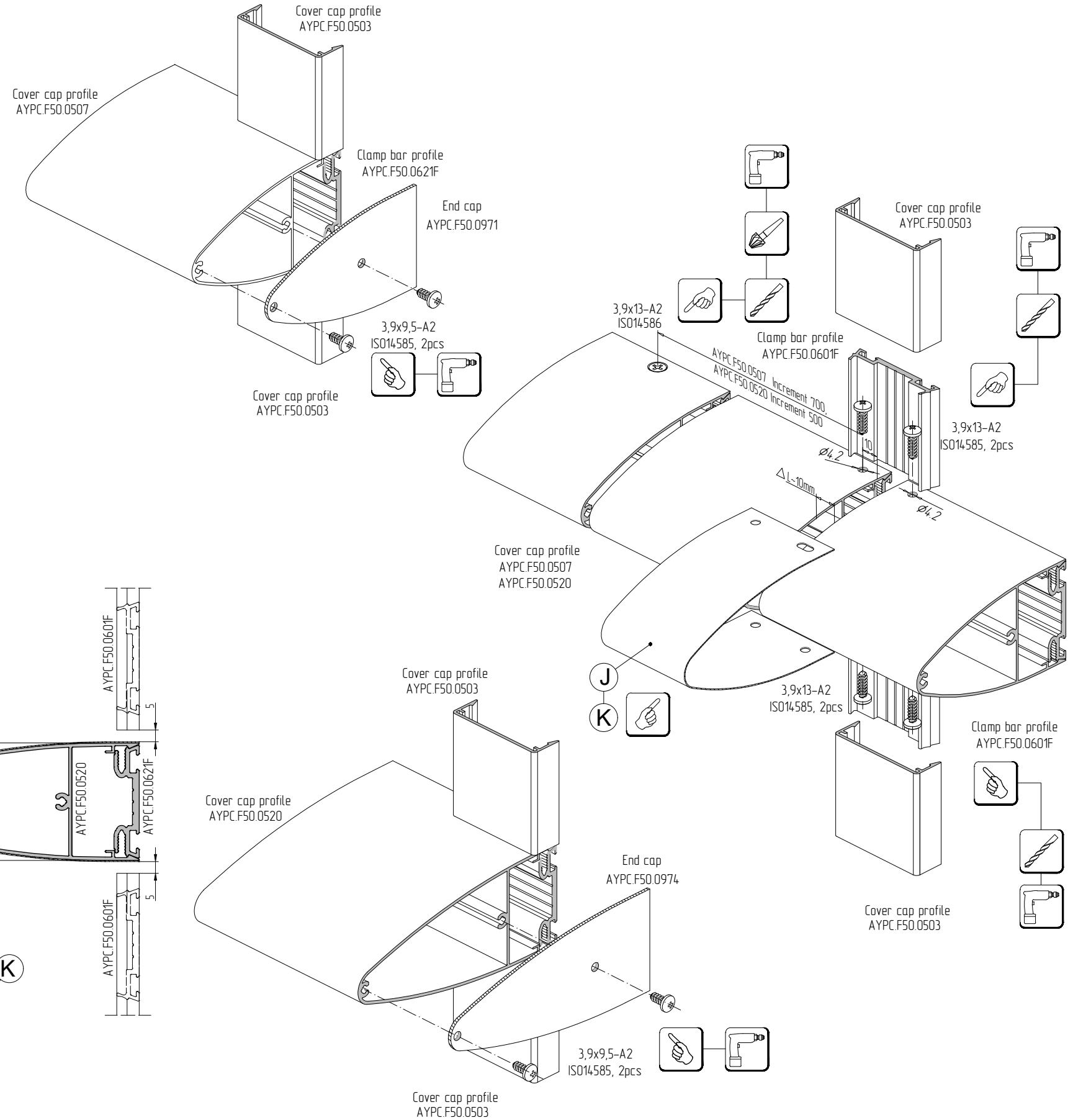
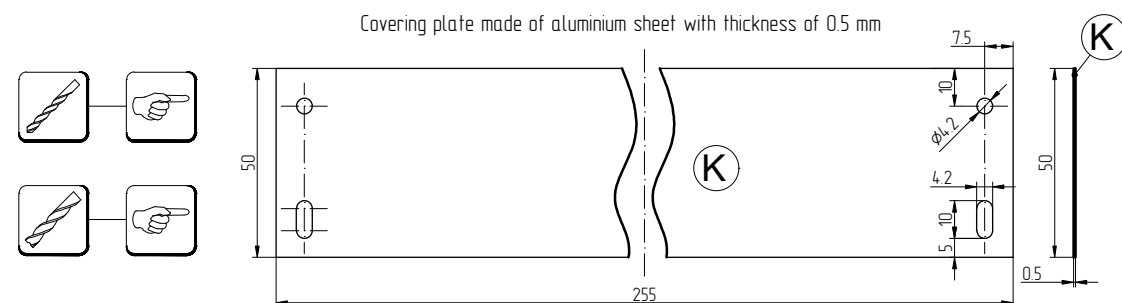
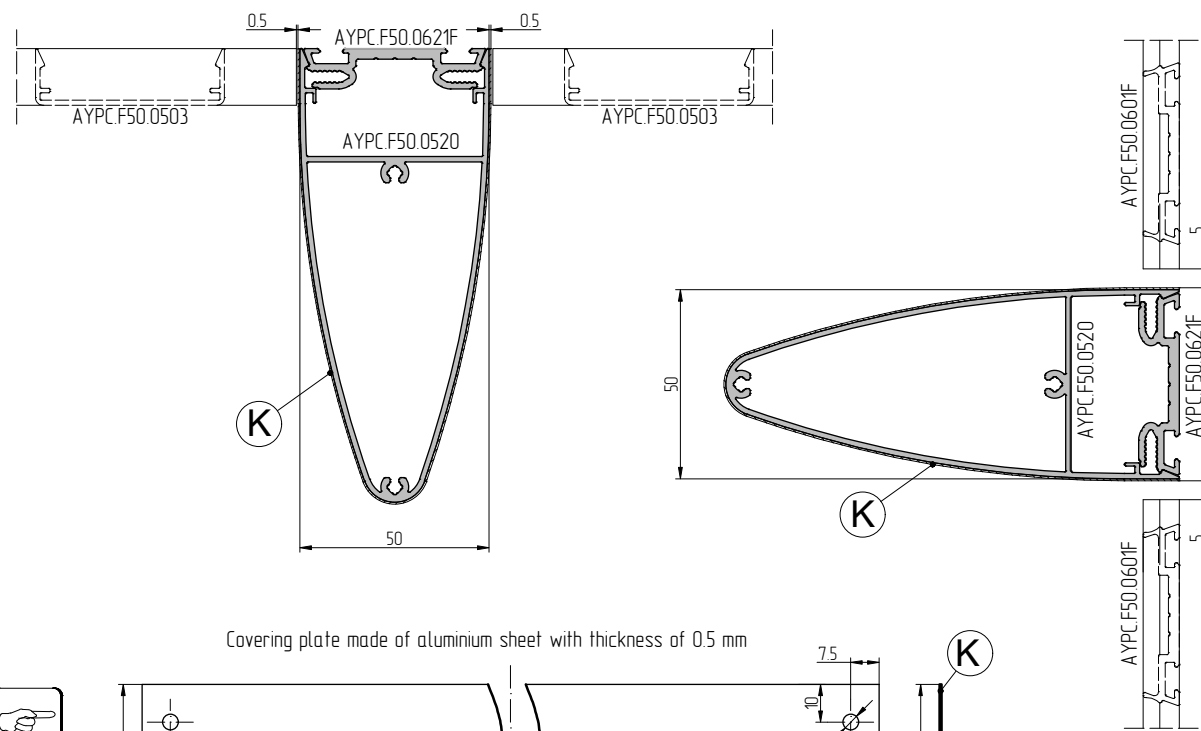
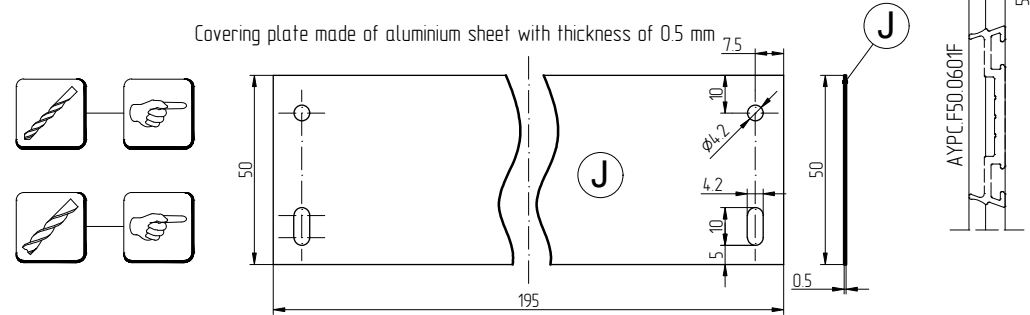
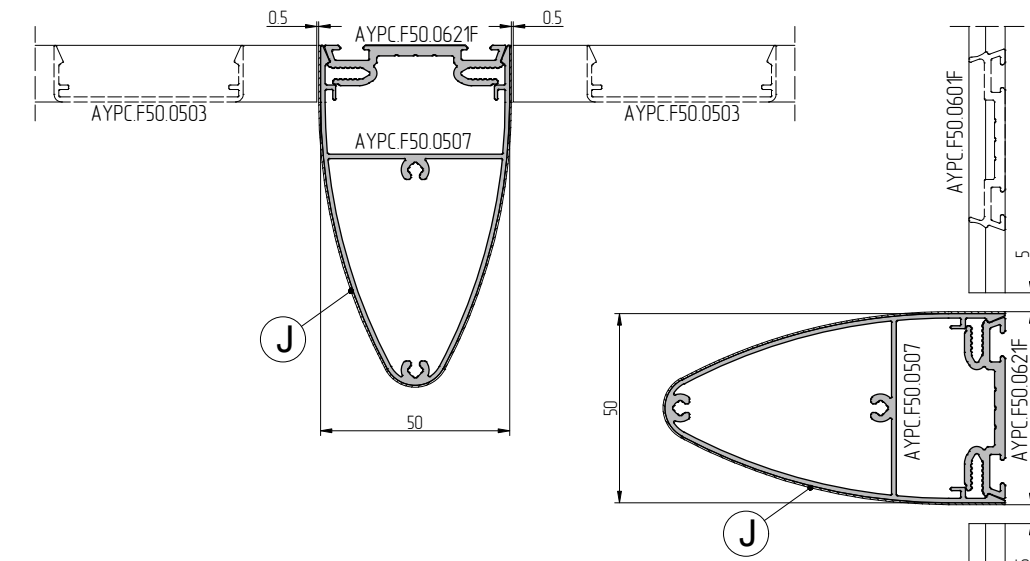
Installation of end caps and covering plates at the junction point of profiles for AYPC.F50.0508 and AYPC.F50.0521 cover caps



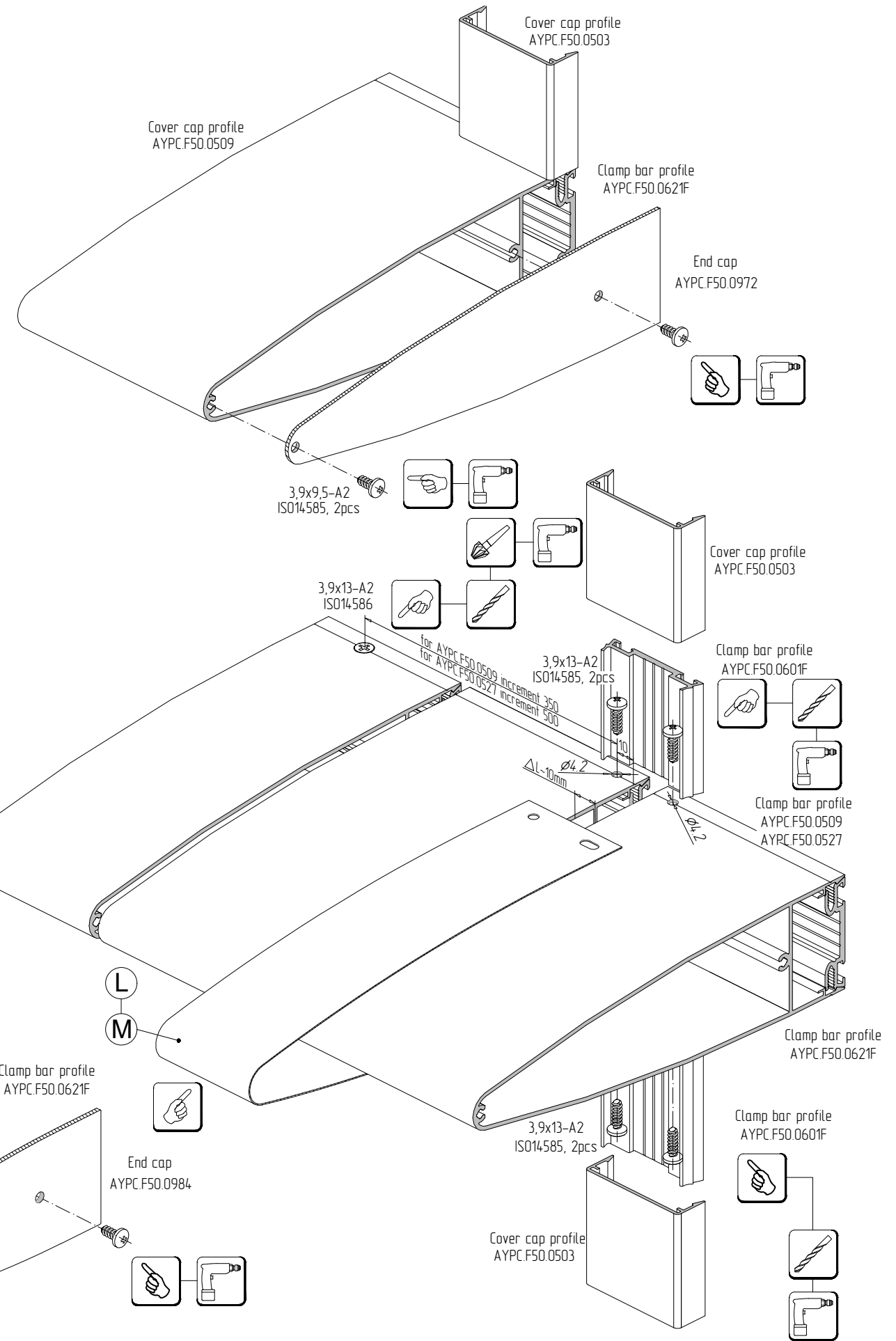
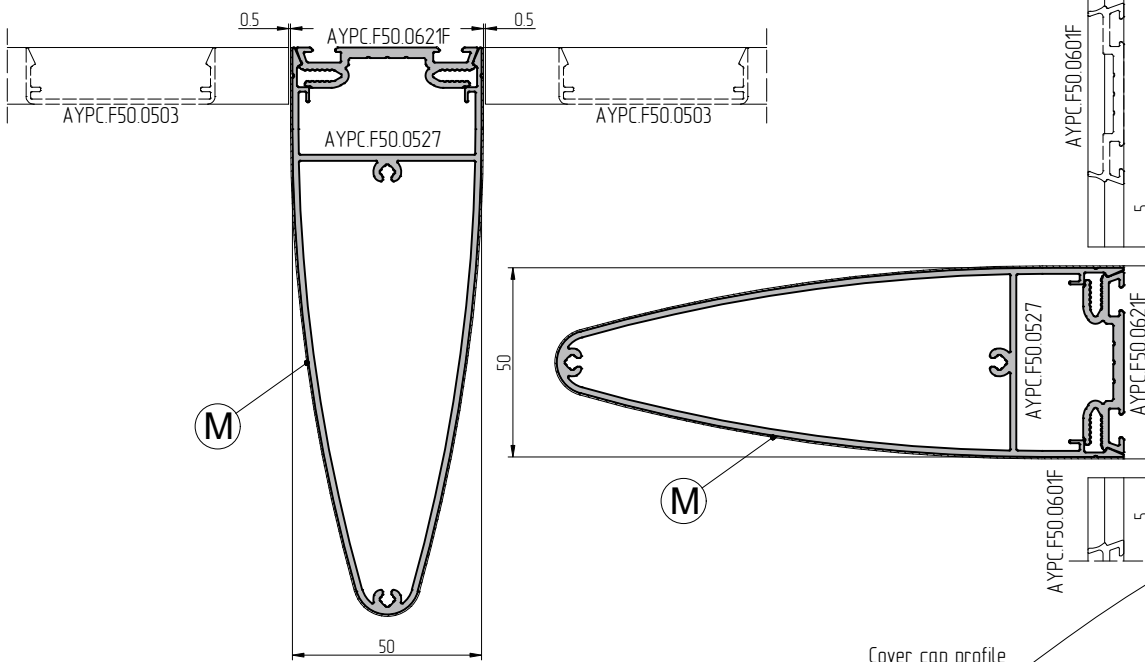
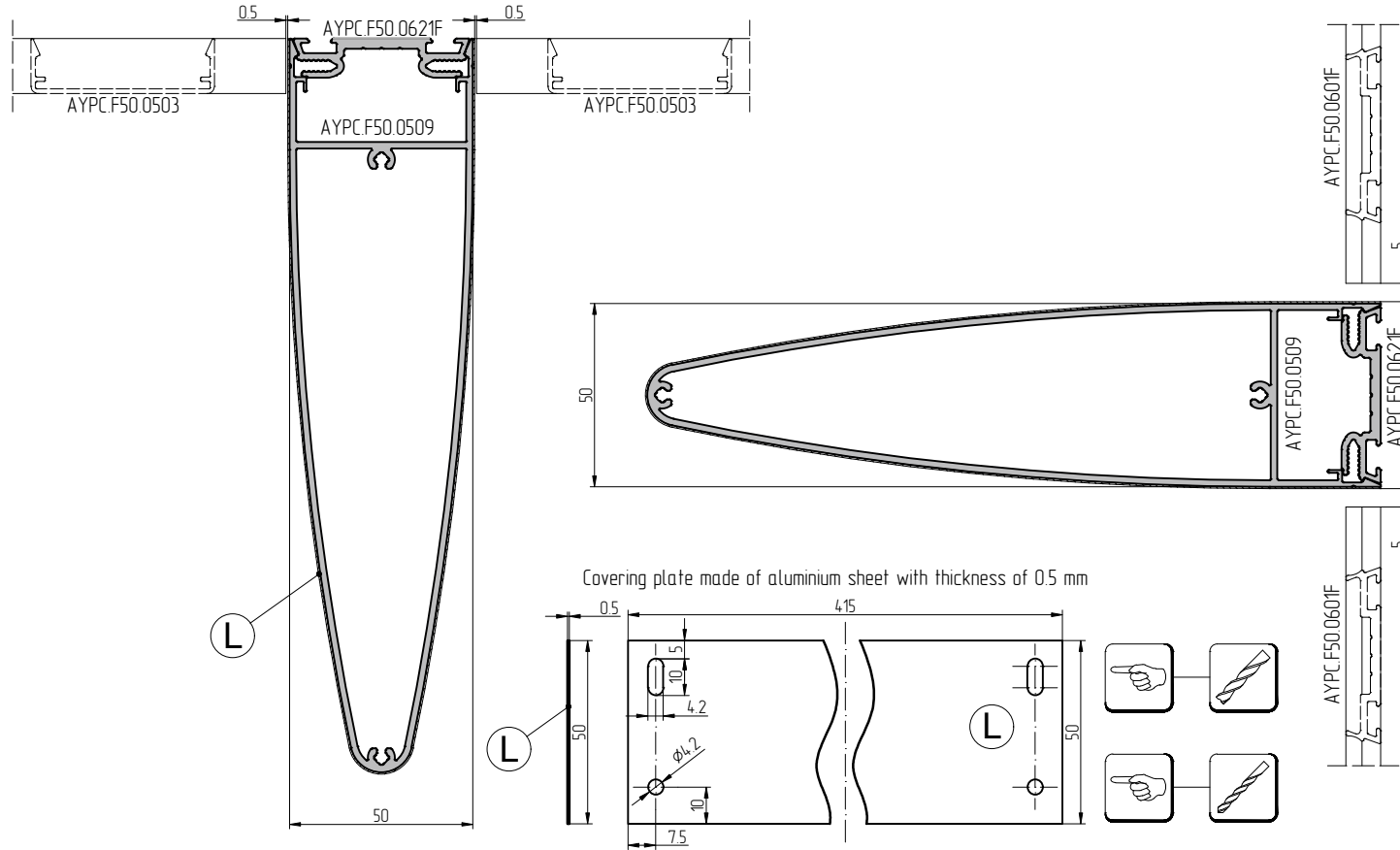
Installation of end caps and covering plates at the junction point of profiles for AYPC.F50.0522 and AYPC.F50.0528 cover caps



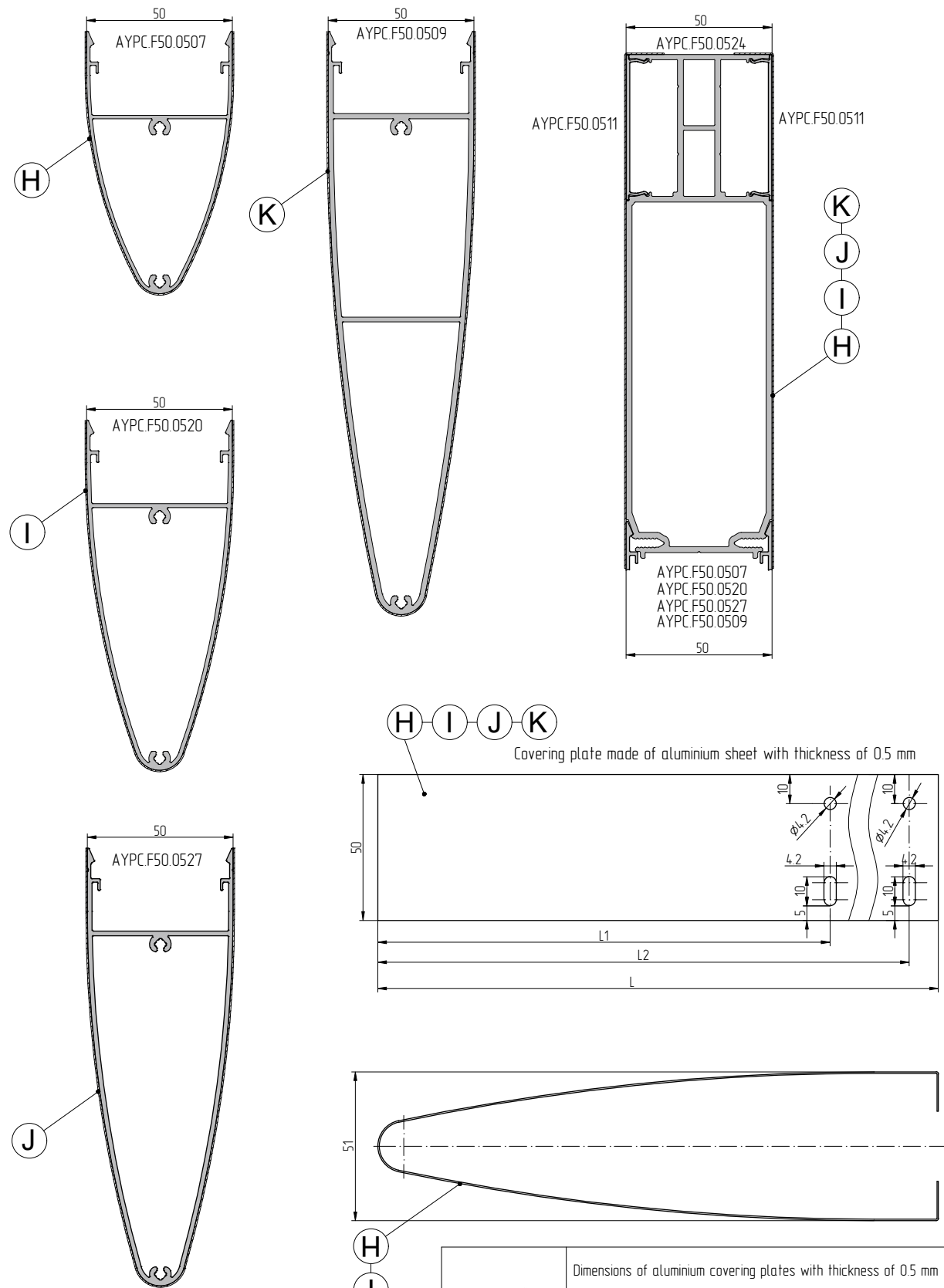
Installation of end caps and covering plates at the junction point of profiles for AYPC.F50.0507 and AYPC.F50.0520 cover caps



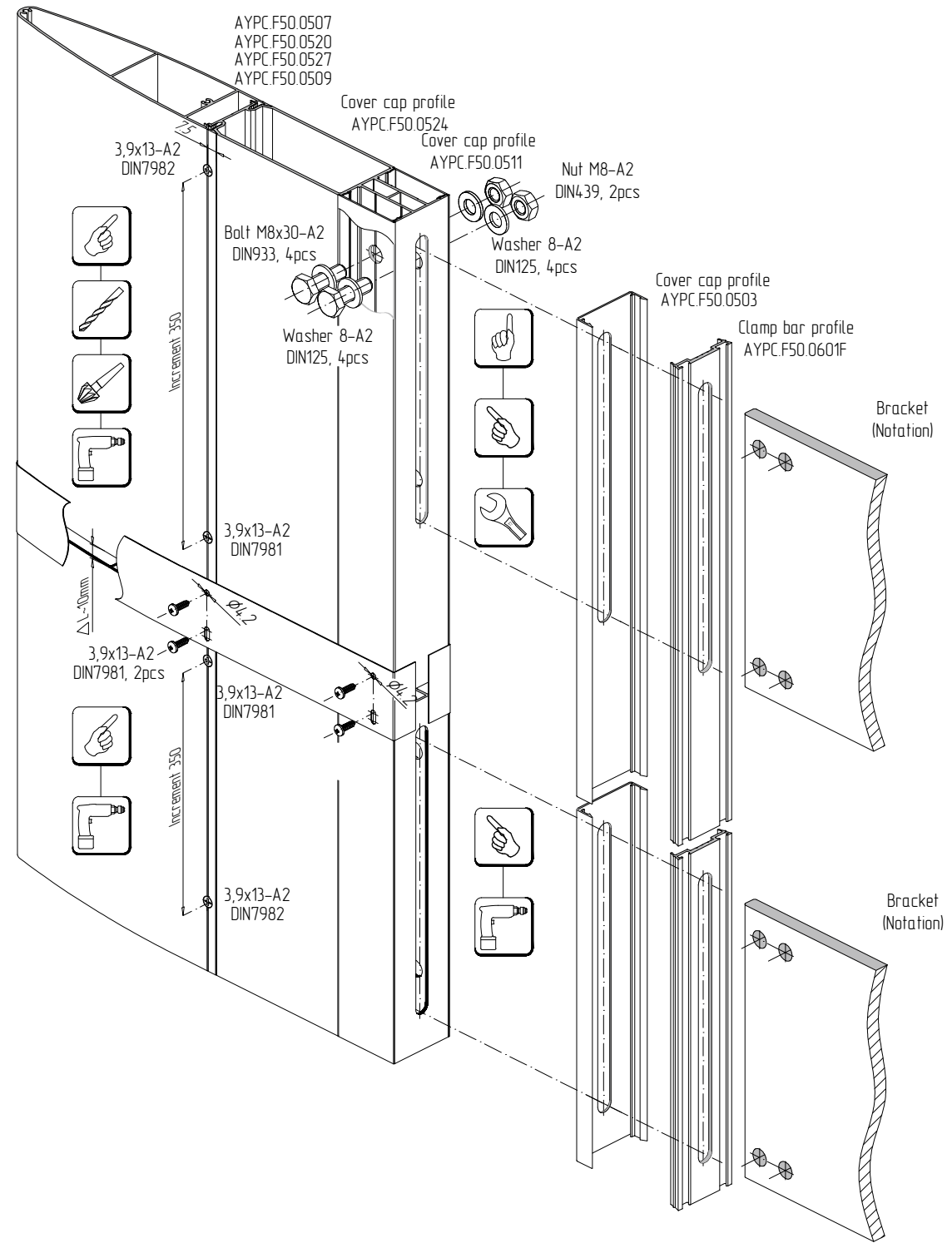
Installation of end caps and covering plates at the junction point of profiles for AYPC.F50.0509 and AYPC.F50.0527 cover caps



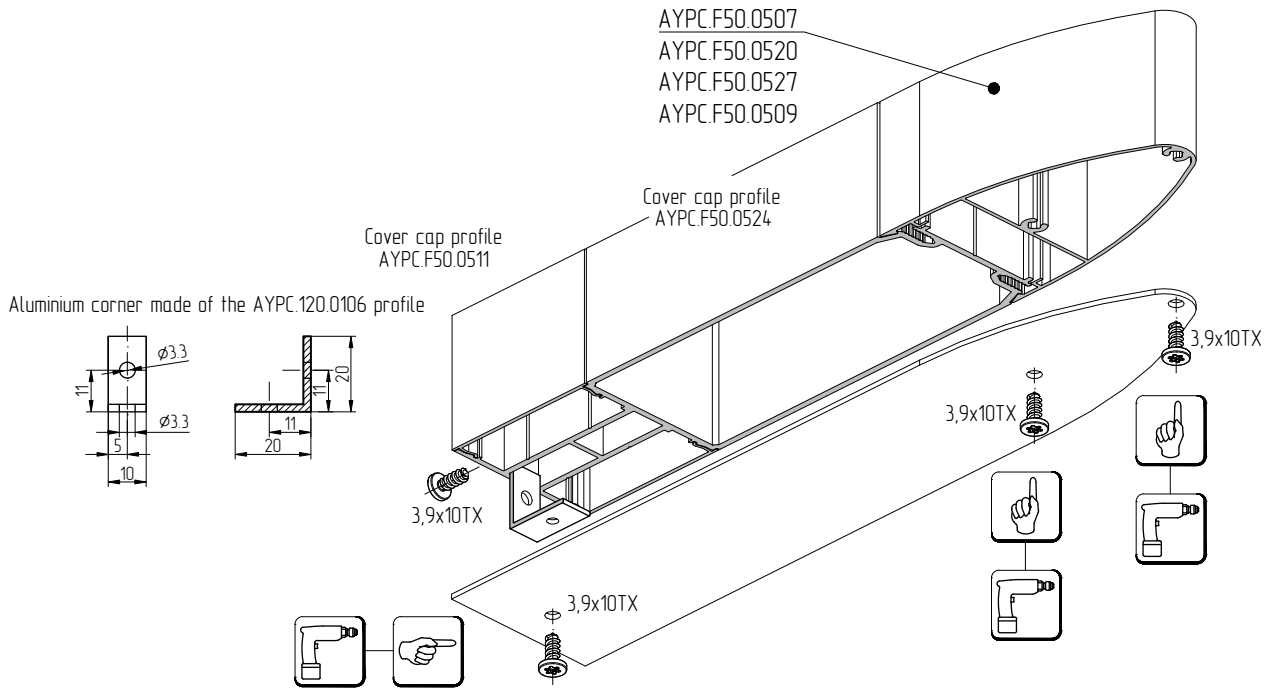
Installation of covering plates at the junction point of profiles for AYPC.F50.0524 cover caps



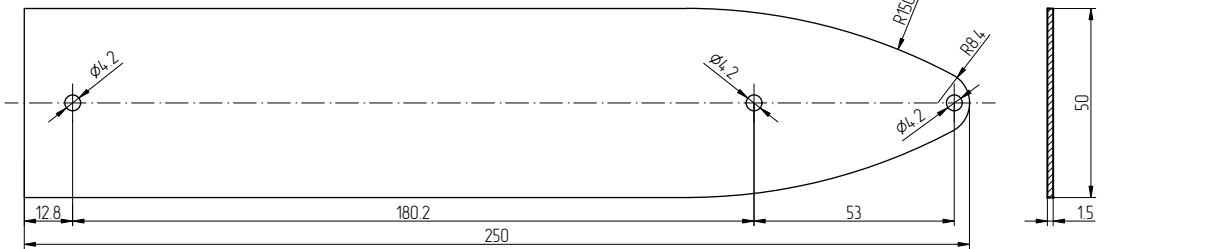
Cap profile	Dimensions of aluminium covering plates with thickness of 0.5 mm			
	Identification of covering plate	Dimensions L, mm	Dimensions L1, mm	Dimensions L2, mm
AYPC.F50.0507	H	251	83	240
AYPC.F50.0520	I	281	113	270
AYPC.F50.0527	J	311	143	300
AYPC.F50.0509	K	361	193	350



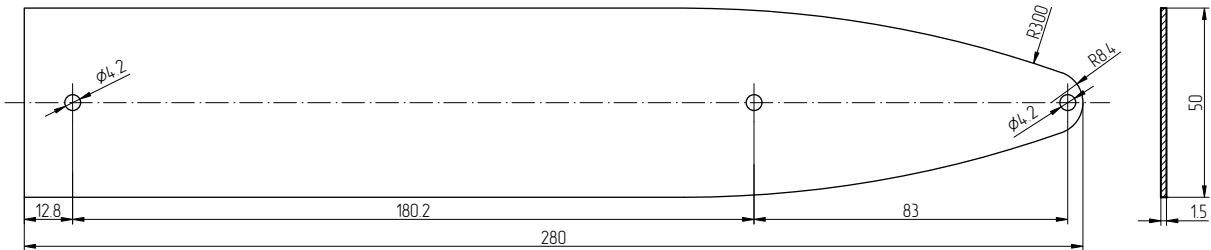
Installation of end covering plates on the AYPC.F50.0524, AYPC.F50.0508, AYPC.F50.0521, AYPC.F50.0522 cover cap profiles



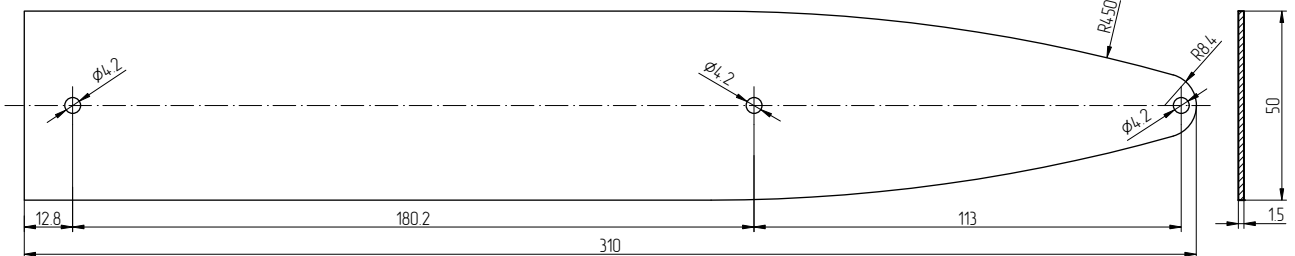
End cap made of aluminium sheet with thickness of 1,5 mm for combination of AYPC.F50.0524 with AYPC.F50.0507



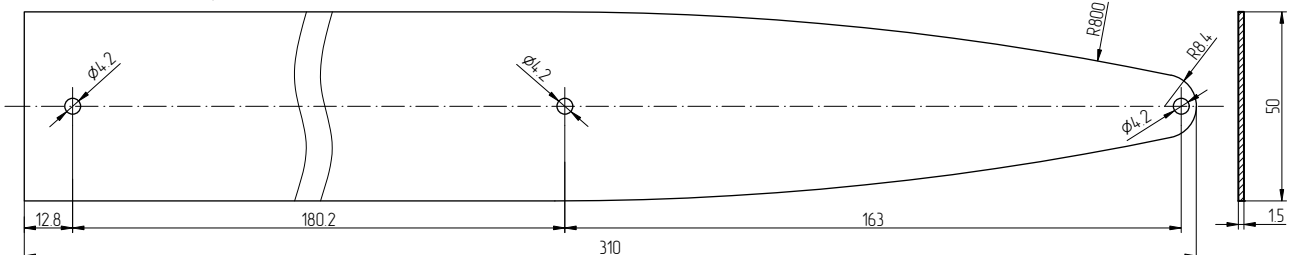
End cap made of aluminium sheet with thickness of 1,5 mm for combination of AYPC.F50.0524 with AYPC.F50.0520



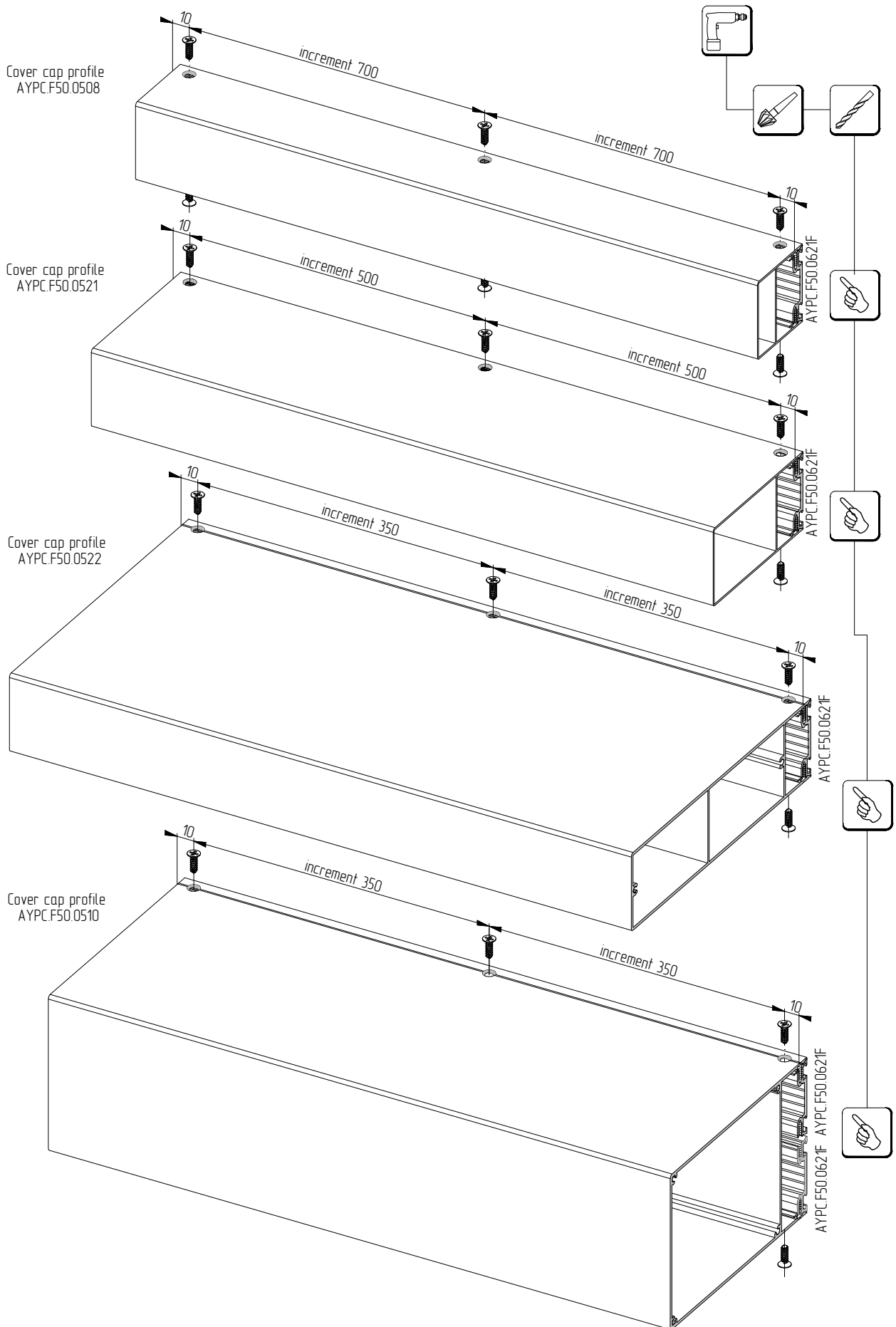
End cap made of aluminium sheet with thickness of 1,5 mm for combination of AYPC.F50.0524 with AYPC.F50.0527



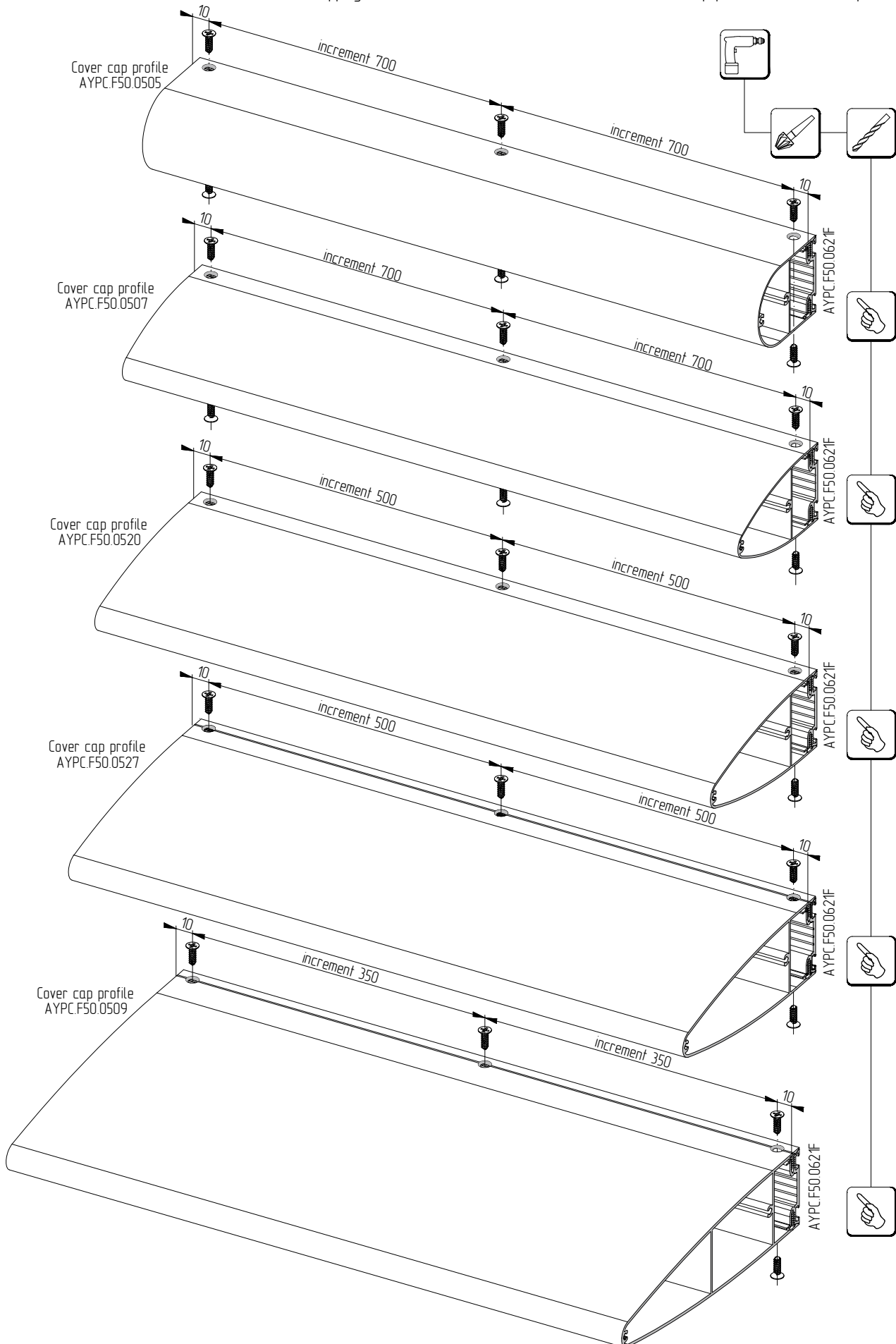
End cap made of aluminium sheet with thickness of 1,5 mm for combination of AYPC.F50.0524 with AYPC.F50.0509



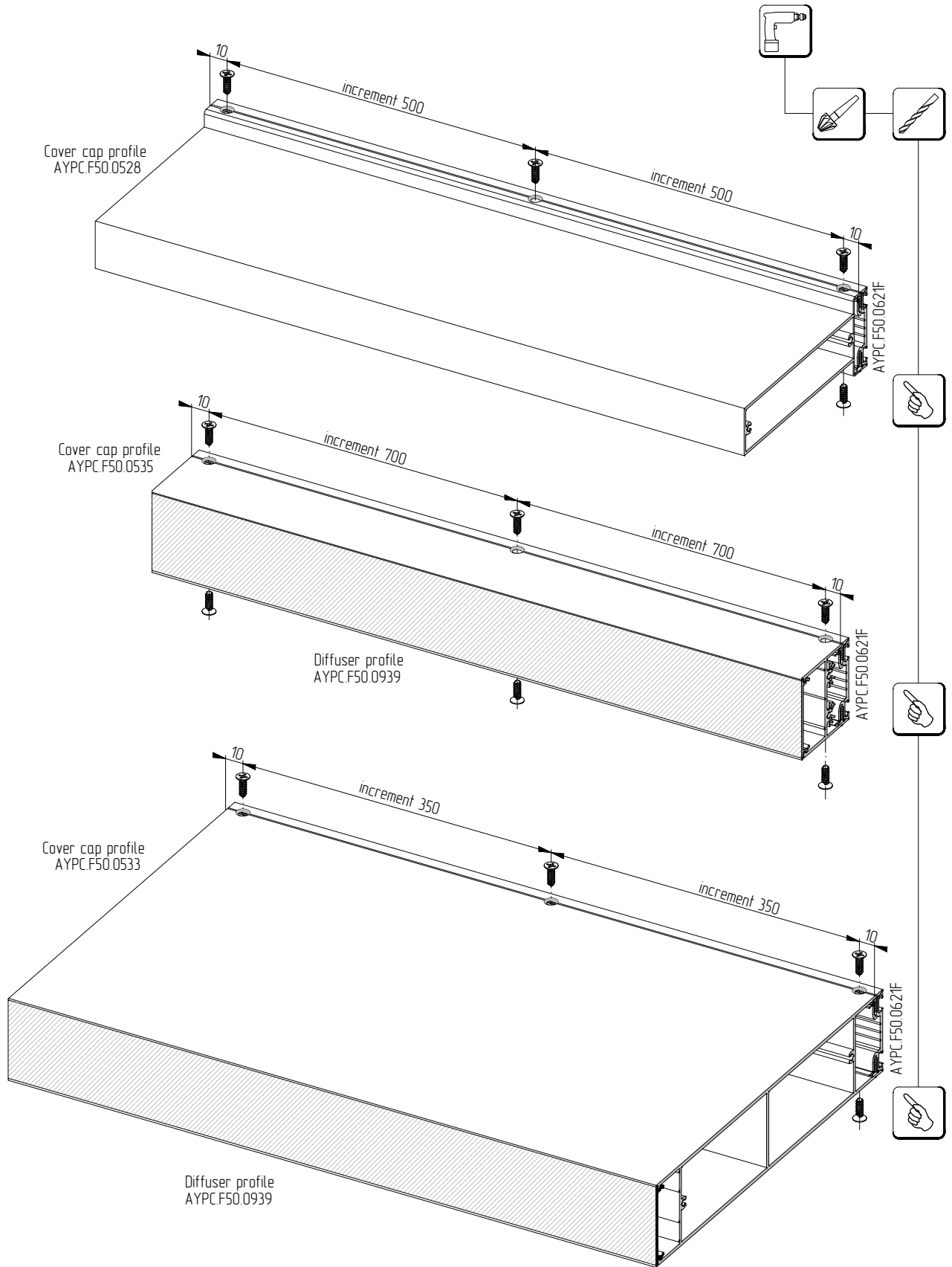
Scheme of installation of 3,9x13-A2ISO14586 self-tapping screws for connection of the AYPC.F50.0621 clamp profile with cover caps



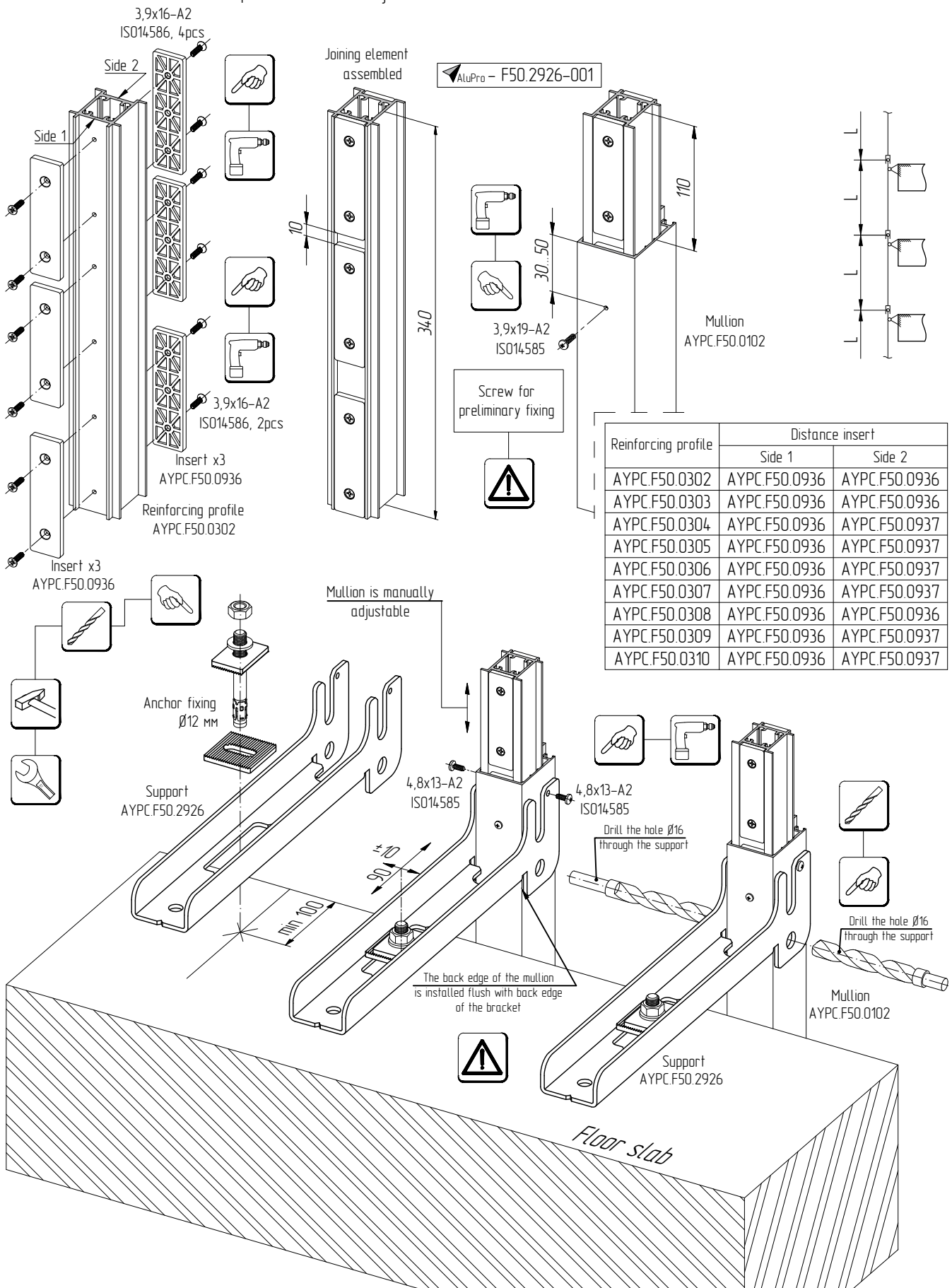
Scheme of installation of 3,9x13-A2ISO14586 self-tapping screws for connection of the AYP.C.F50.0621 clamp profile with cover caps



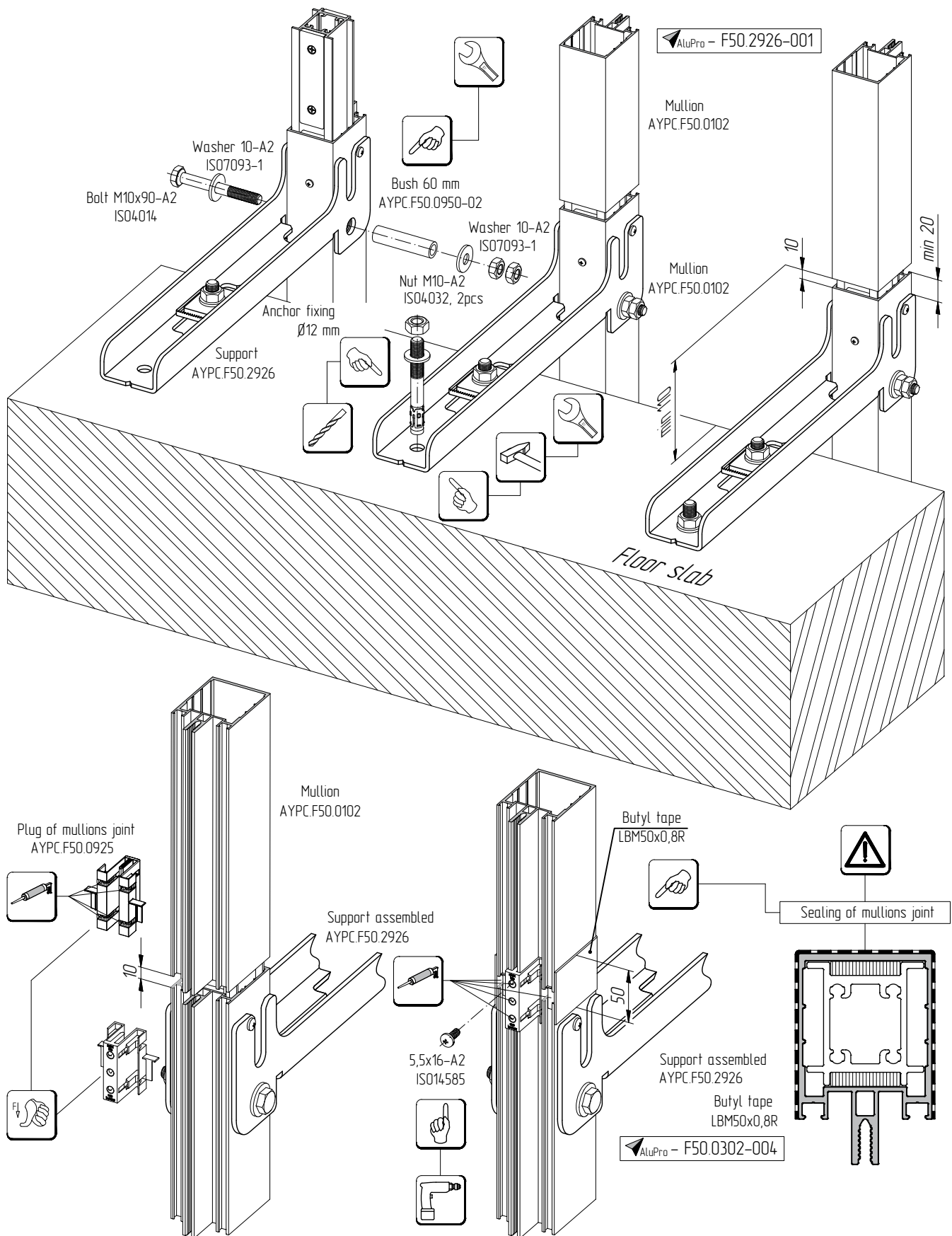
Scheme of installation of 3,9x13-A2ISO14586 self-tapping screws for connection of the AYPC.F50.0621 clamp profile with cover caps



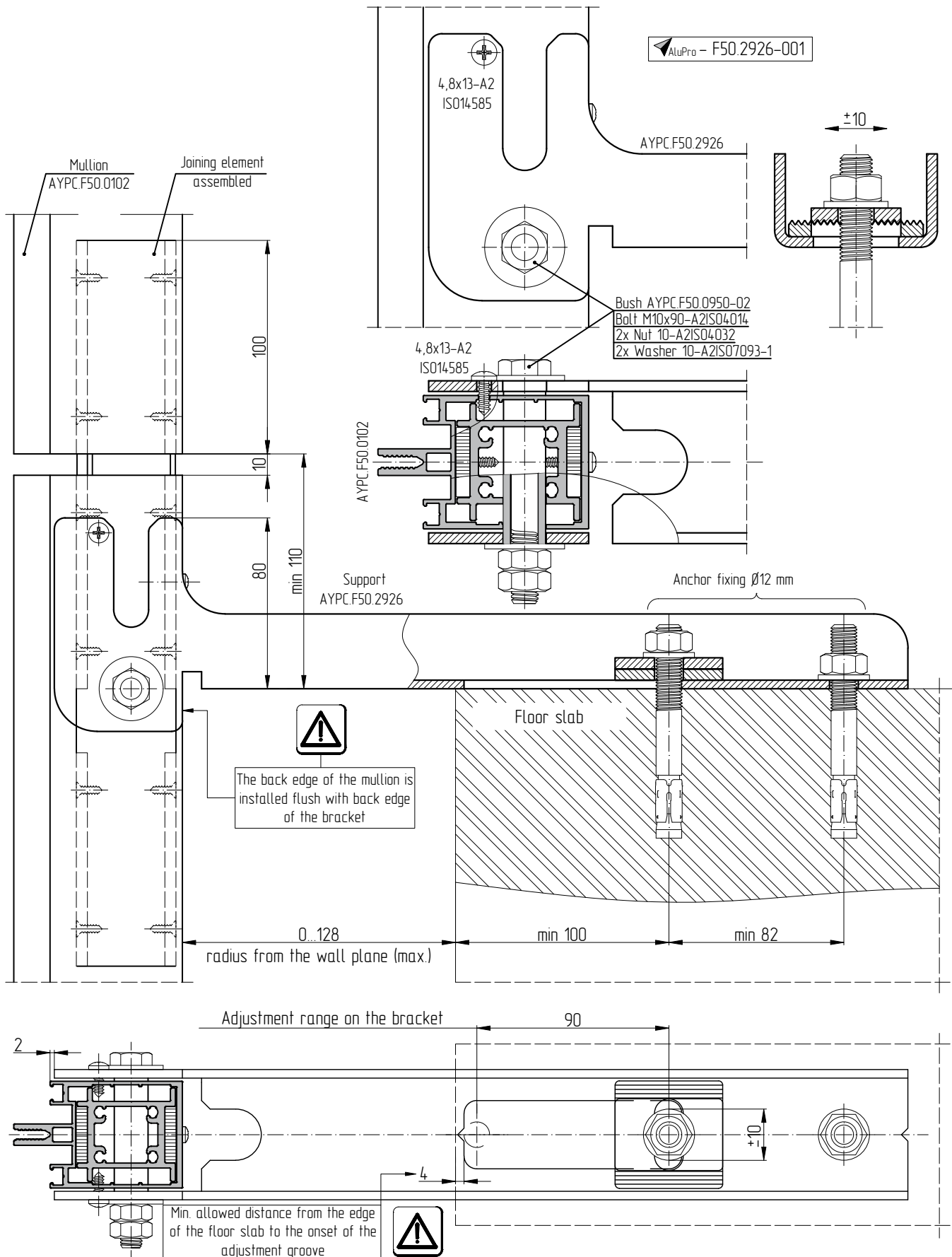
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports is carried out on the floor slab according to preliminary marking with drilling of the mullion "in place" Suspension scheme. The joint of the mullions is located above the floor slab



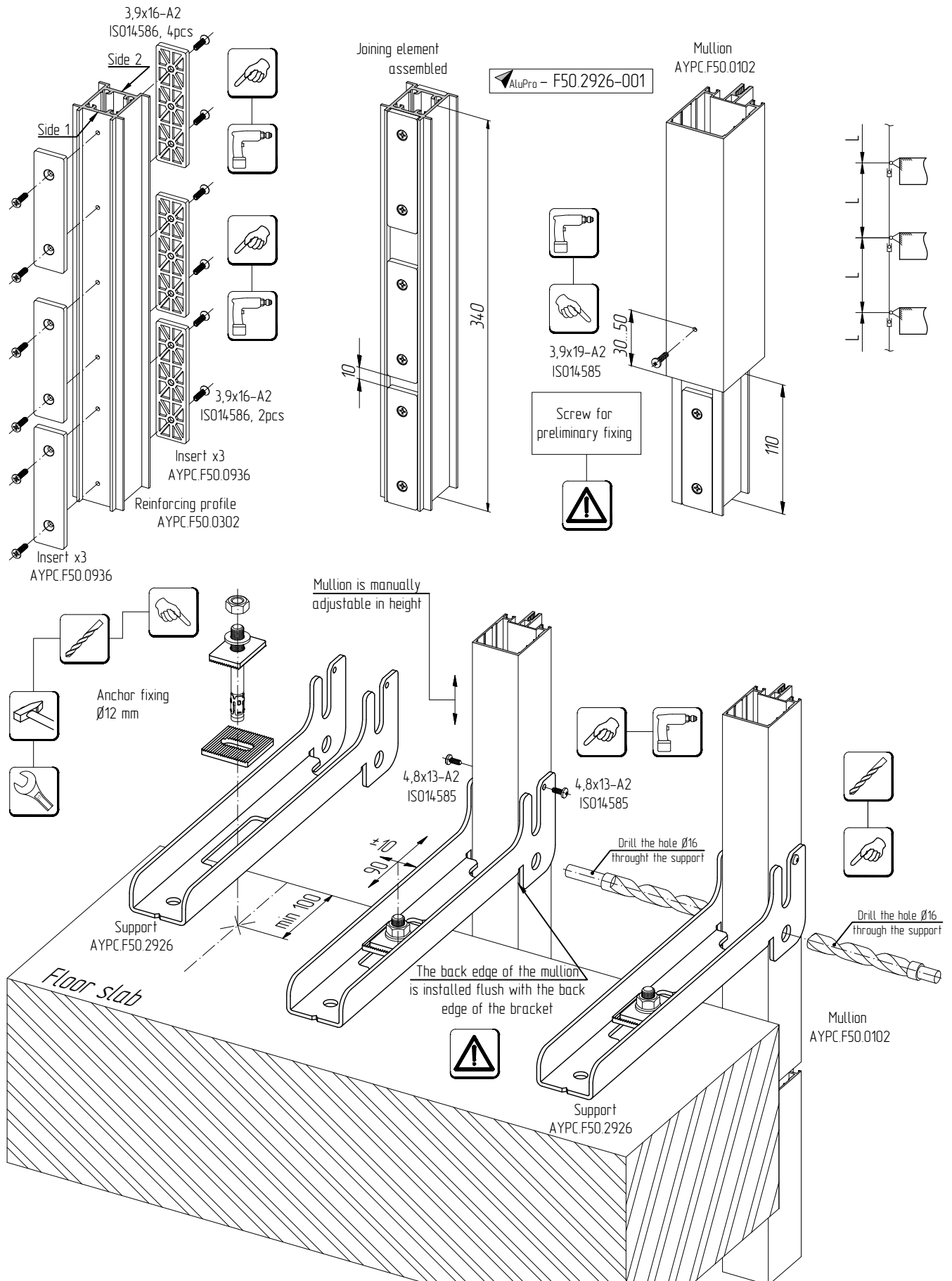
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports is carried out on the floor slab according to preliminary marking with drilling of the mullion "in place". Suspension scheme. The joint of the mullions is located above the floor slab.



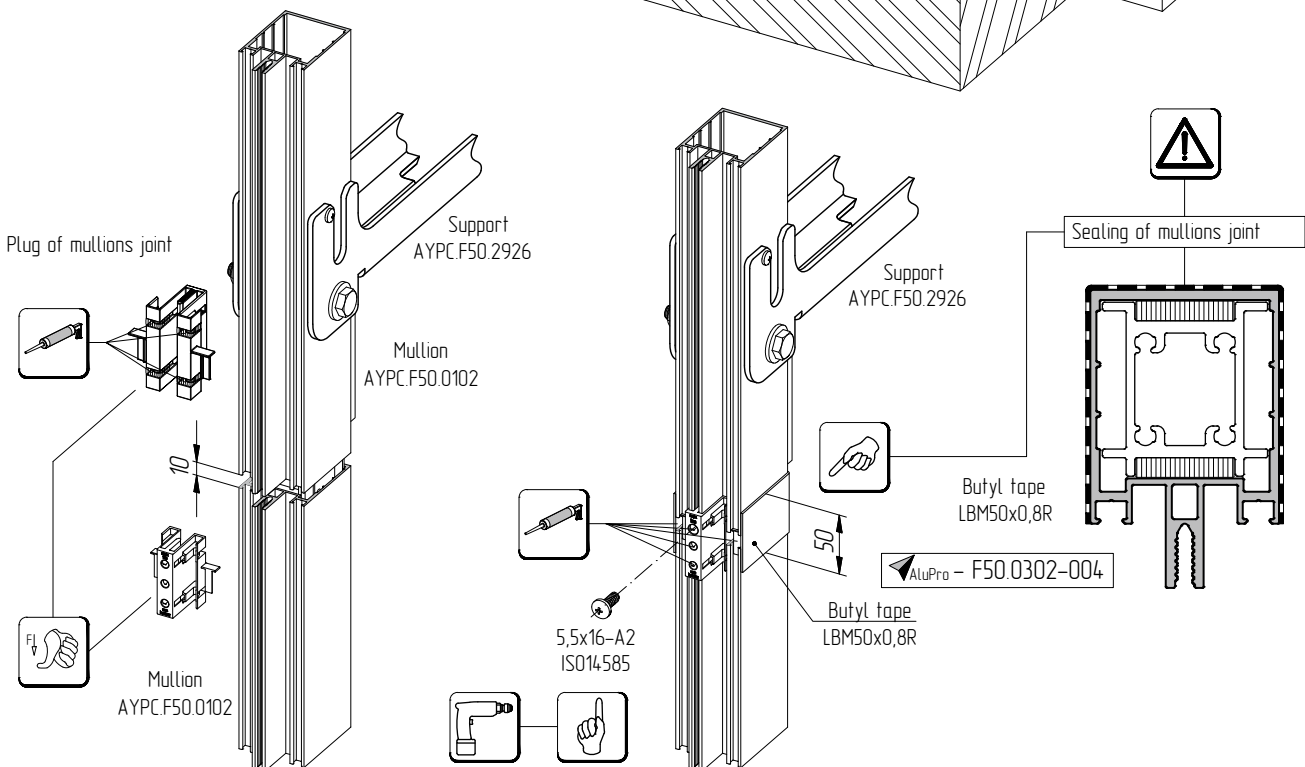
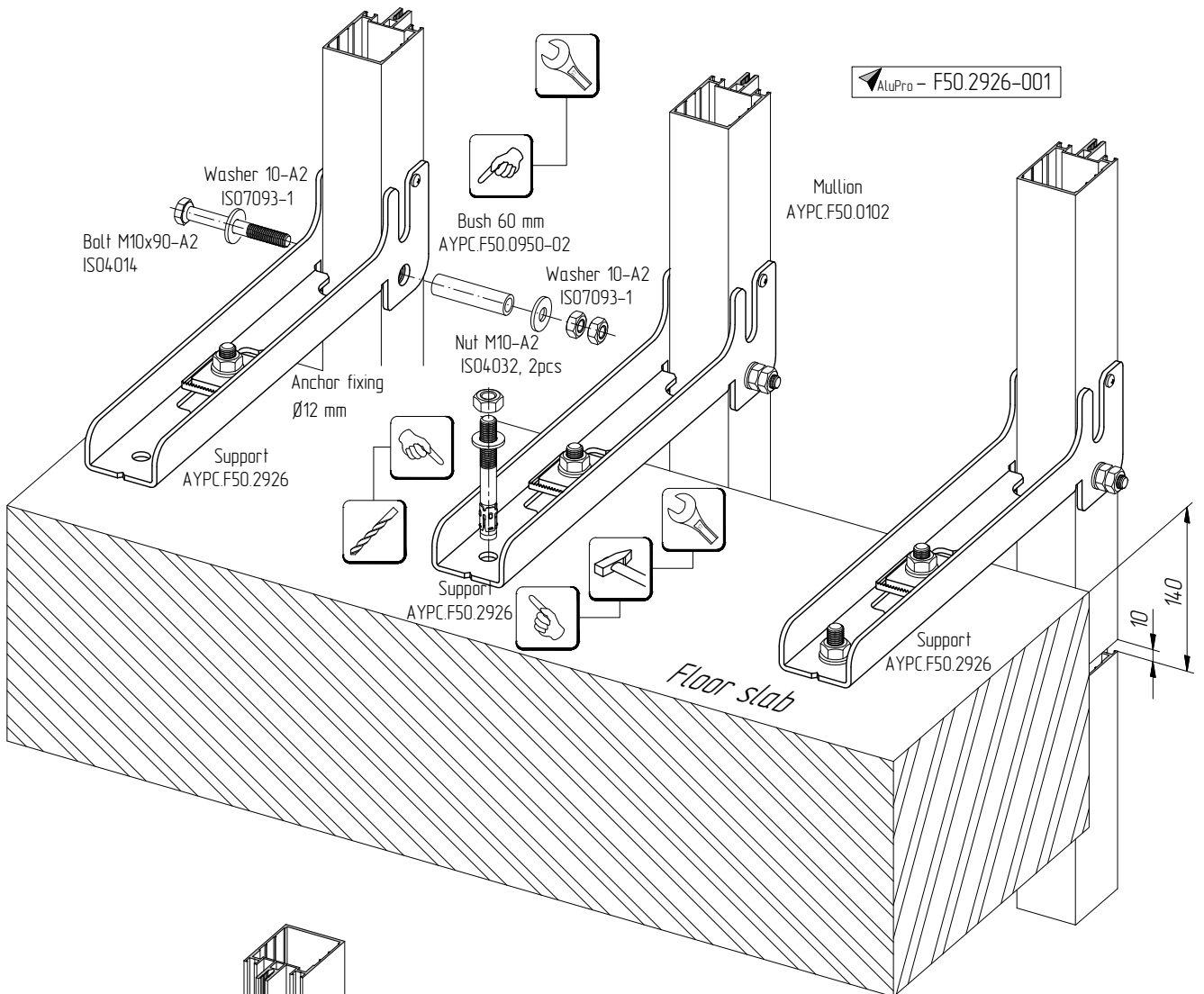
Assemblage of the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports is carried out on the floor slab according to preliminary marking with drilling of the mullion "in place" Suspension scheme. The joint of the mullions is located above the floor slab



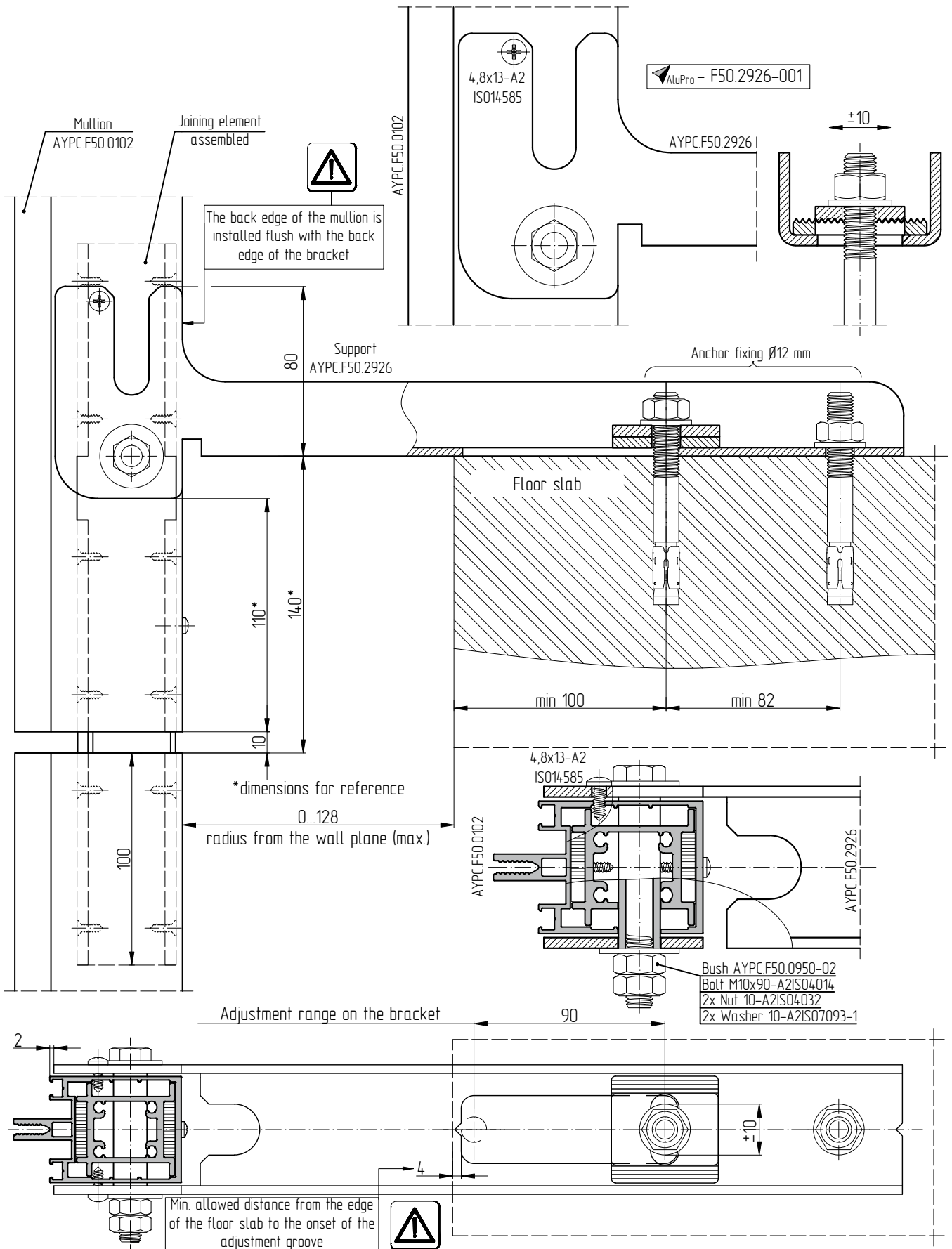
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports is carried out on the floor slab according to preliminary marking with drilling of the mullion "in place".
Bearing scheme. The joint of the mullions is located in the area of the floor slab



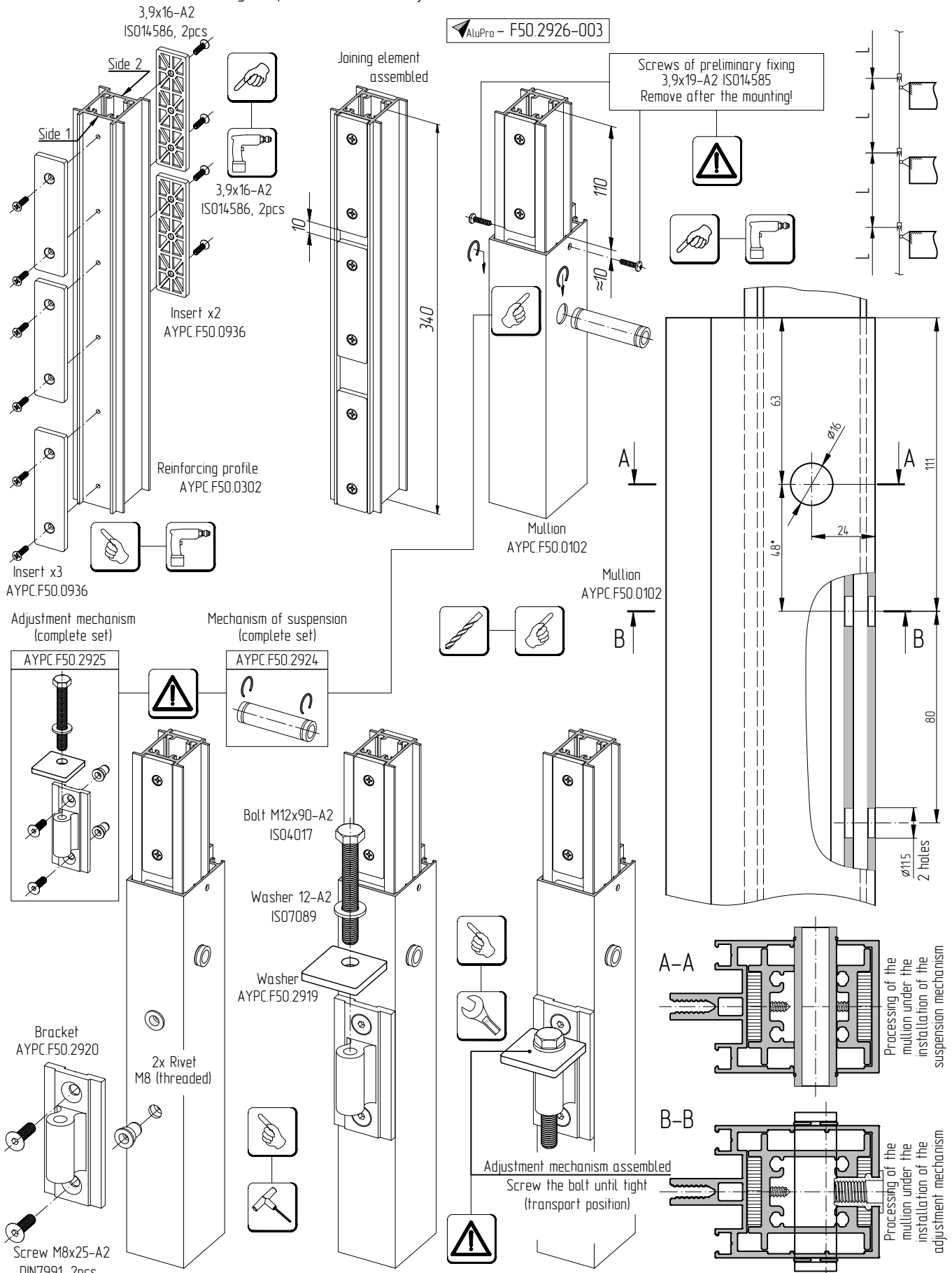
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports is carried out on the floor slab according to preliminary marking with drilling of the mullion "in place". Bearing scheme. The joint of the mullions is located in the area of the floor slab



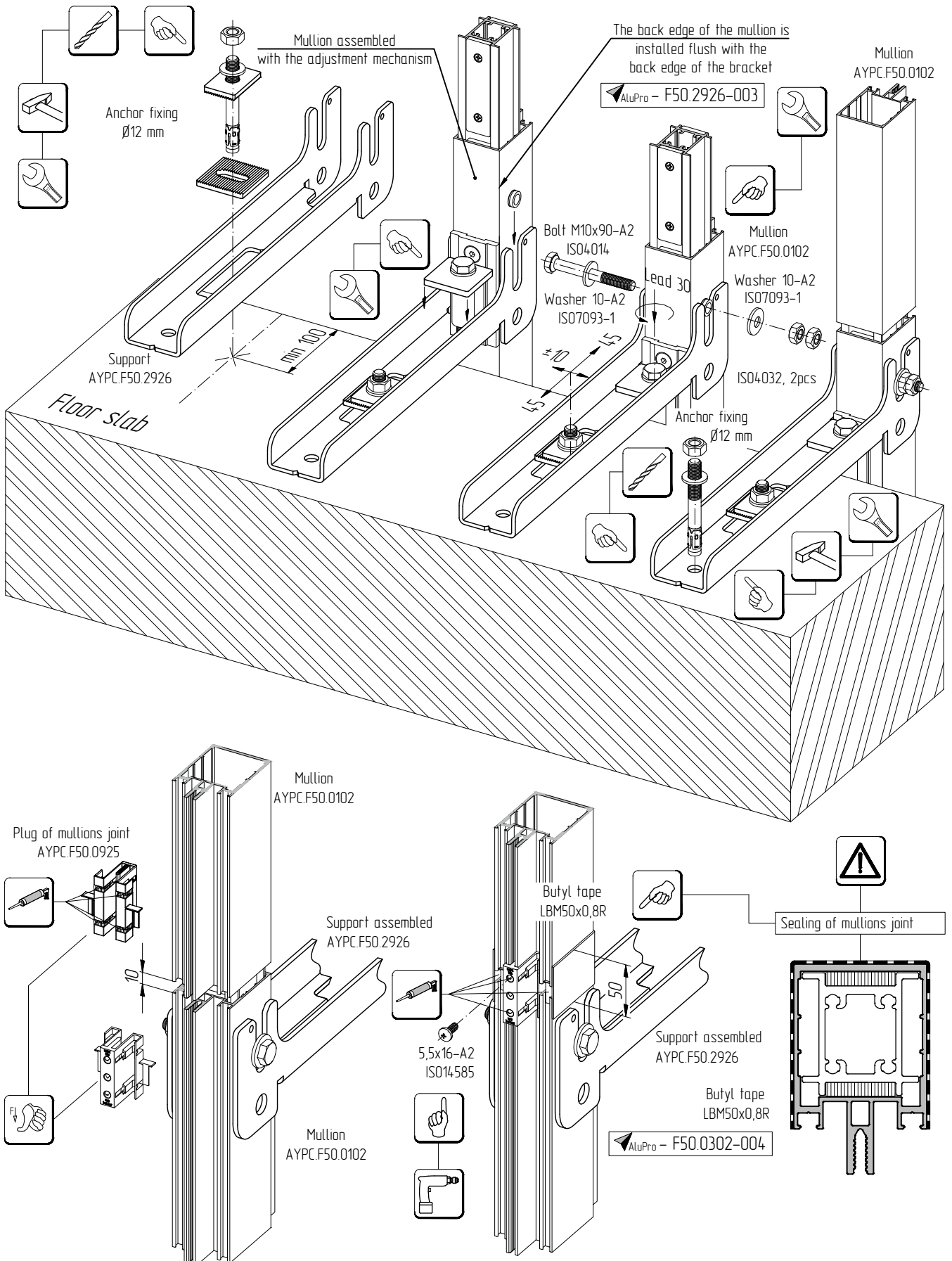
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports is carried out on the floor slab according to preliminary marking with drilling of the mullion "in place"
Bearing scheme. The joint of the mullions is located in the area of the floor slab



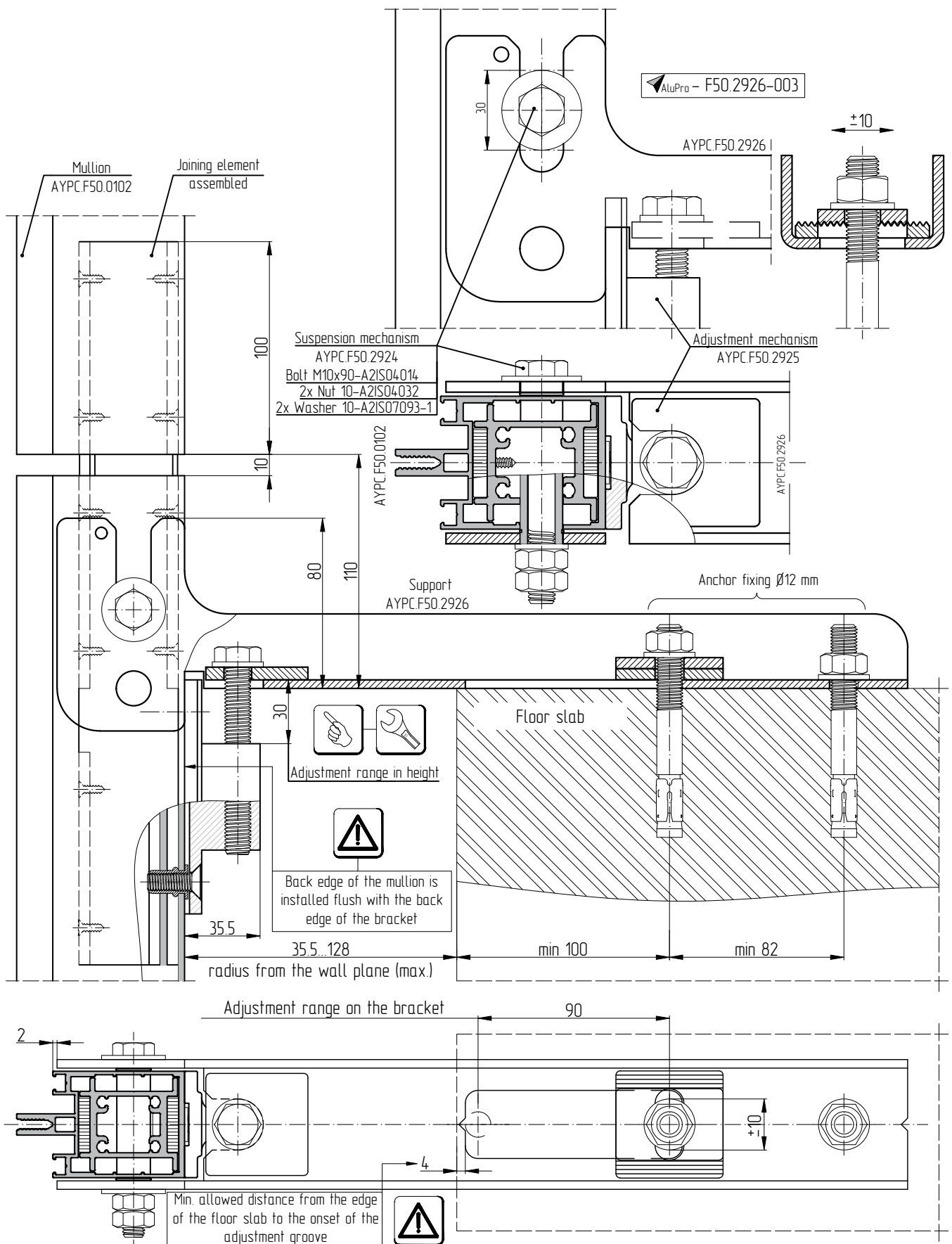
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports and suspension of facade sections is carried out on the floor slab according to preliminary marking and without processing during mounting. Suspension scheme. The joint of the mullions is located above the floor slab



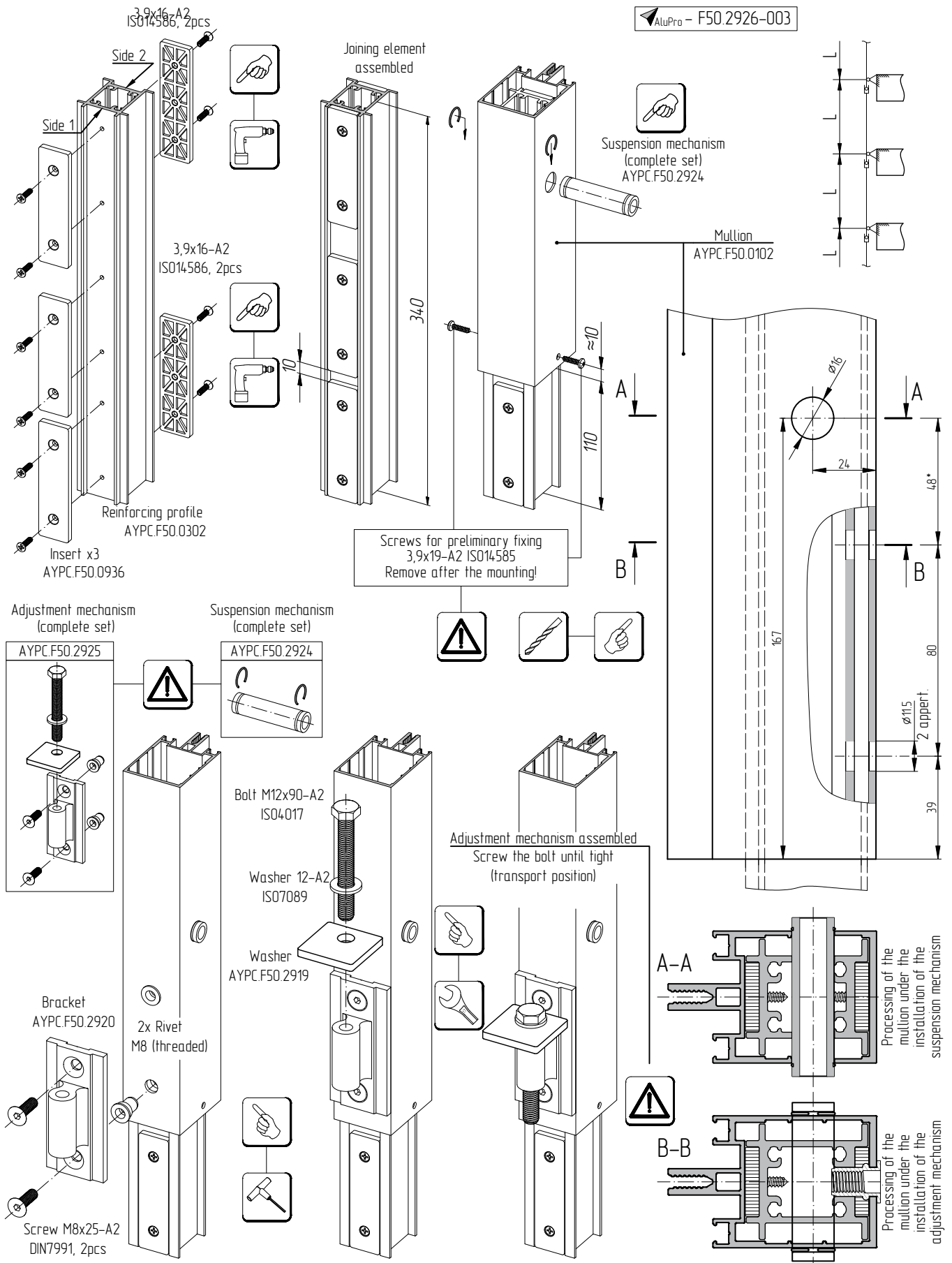
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports and suspension of facade sections is carried out on the floor slab according to preliminary marking and without processing during mounting. Suspension scheme. The joint of the mullions is located above the floor slab



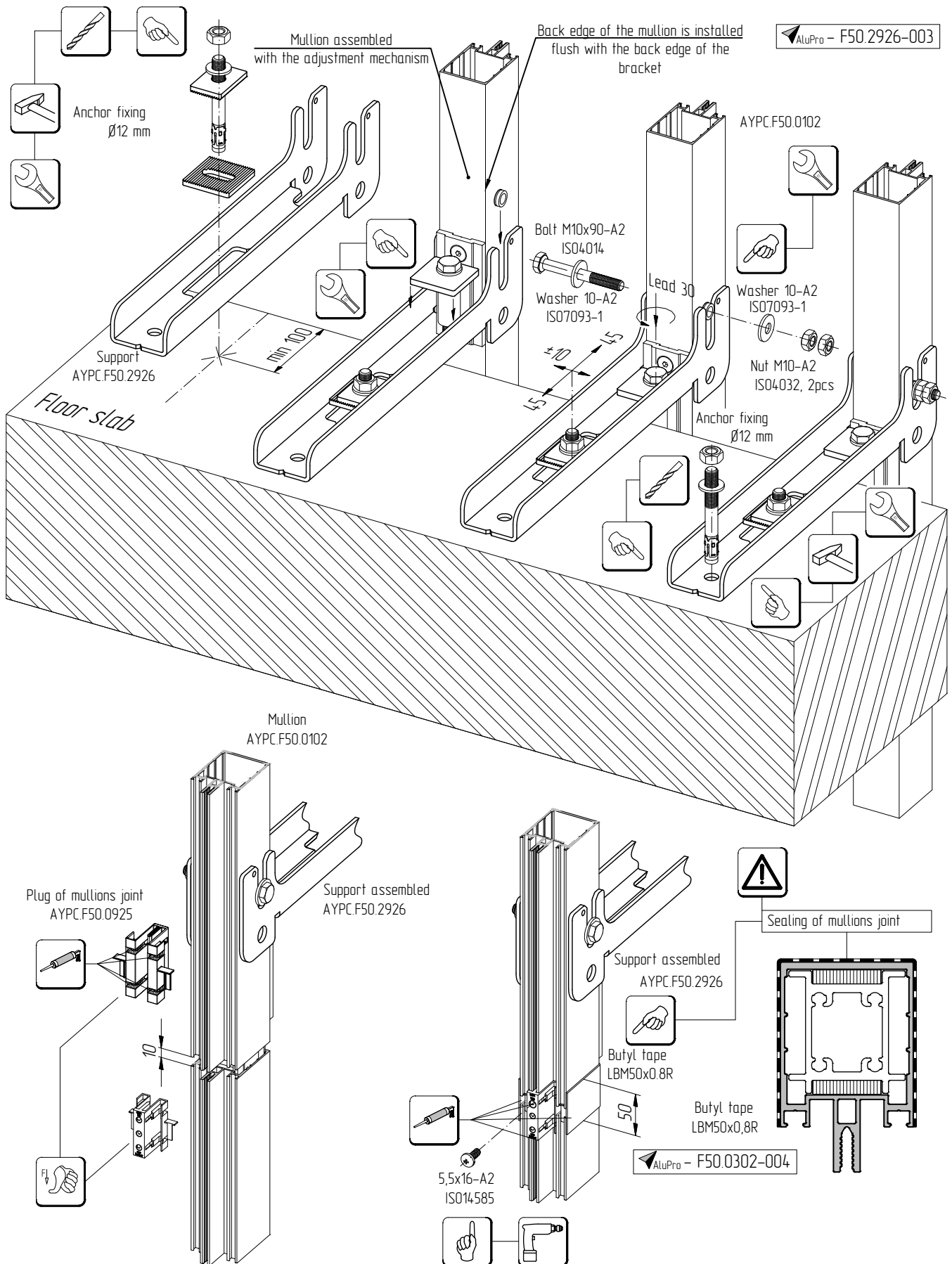
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports and suspension of facade sections is carried out on the floor slab according to preliminary marking and without processing during mounting. Suspension scheme. The joint of the mullions is located above the floor slab



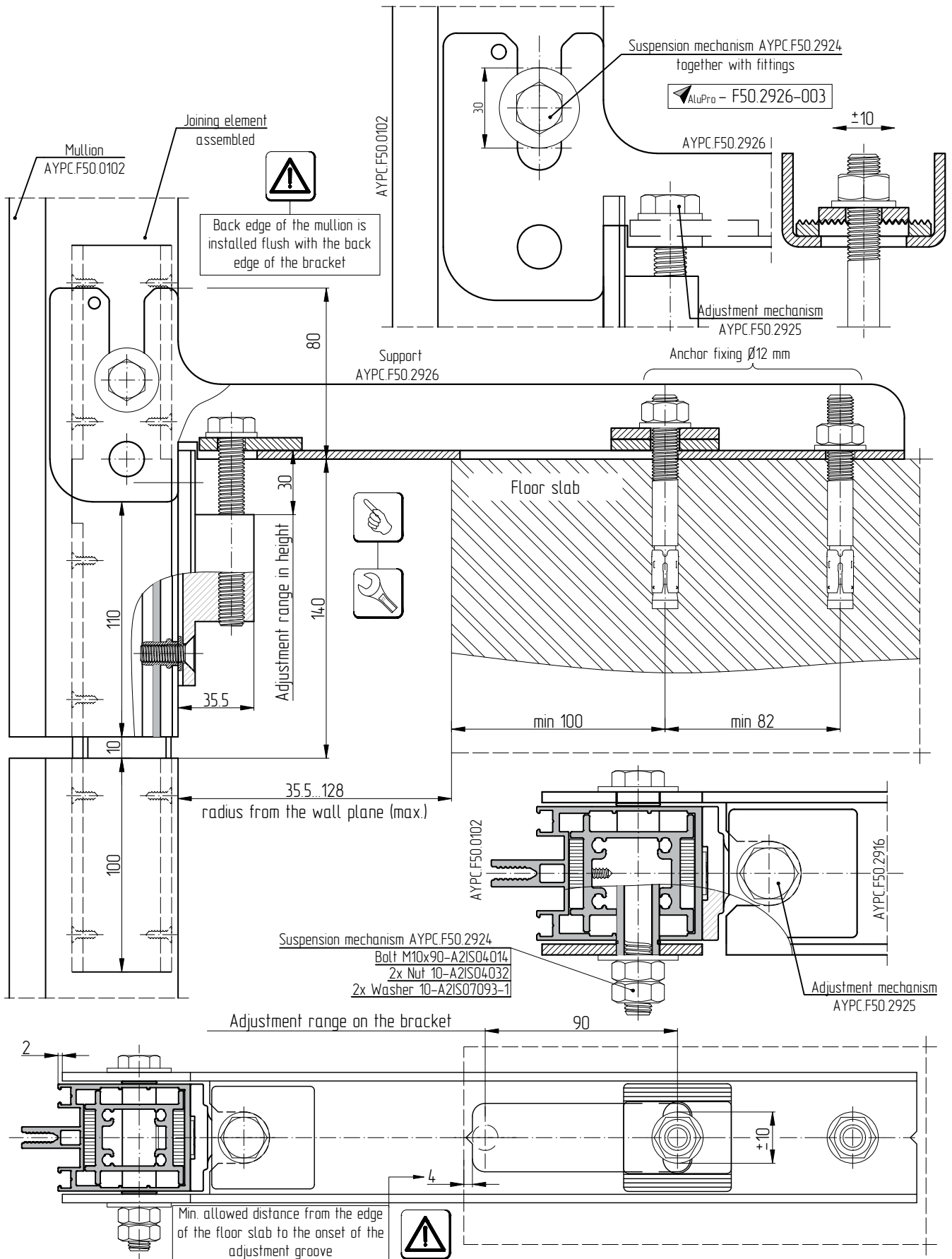
Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports and suspension of facade sections is carried out on the floor slab according to preliminary marking and without processing during mounting. Bearing scheme. The joint of the mullions is located in the area of the floor slab



Sequence of assembling the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports and suspension of facade sections is carried out on the floor slab according to preliminary marking and without processing during mounting. Bearing scheme. The joint of the mullions is located in the area of the floor slab

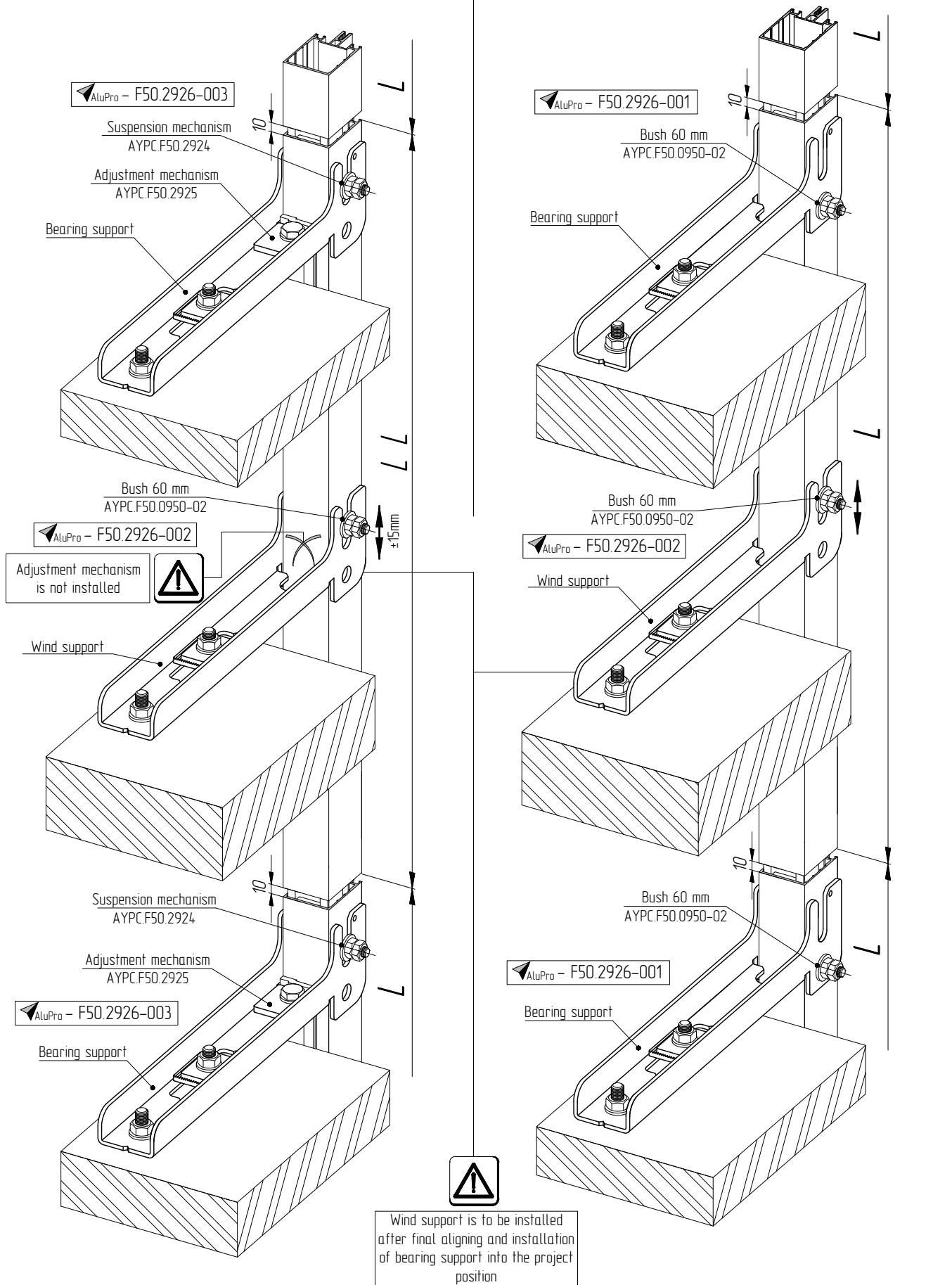


Assemblage of the fixing joint of two mullions in height with a single-span section scheme of glass unit mounting. Mounting of supports and suspension of facade sections is carried out on the floor slab according to preliminary marking and without processing during mounting. Bearing scheme. The joint of the mullions is located in the area of the floor slab

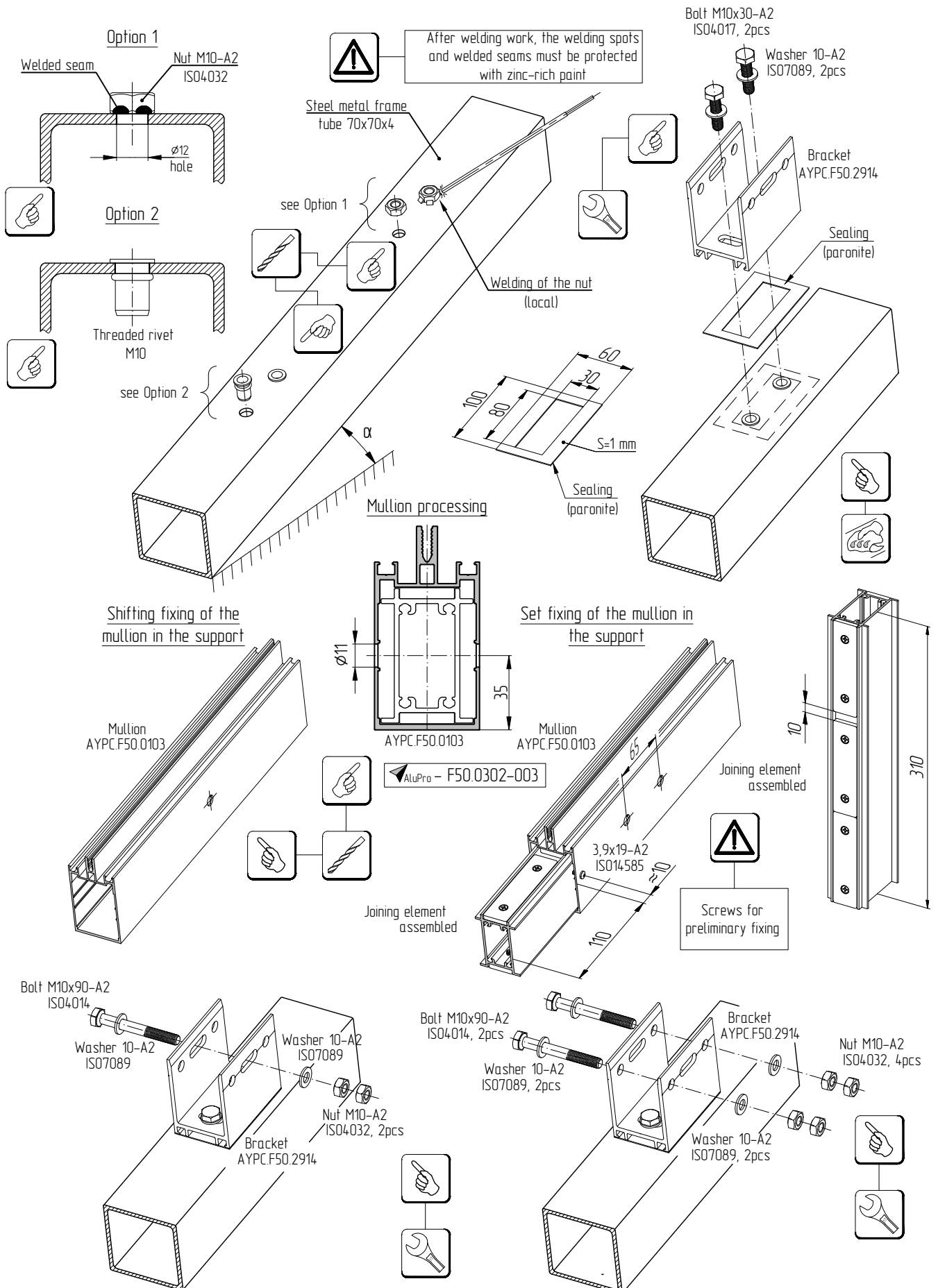


Principle scheme of variants for fixing supports of glass unit with double-span non-sectional scheme
with adjustment mechanism for mullion in height

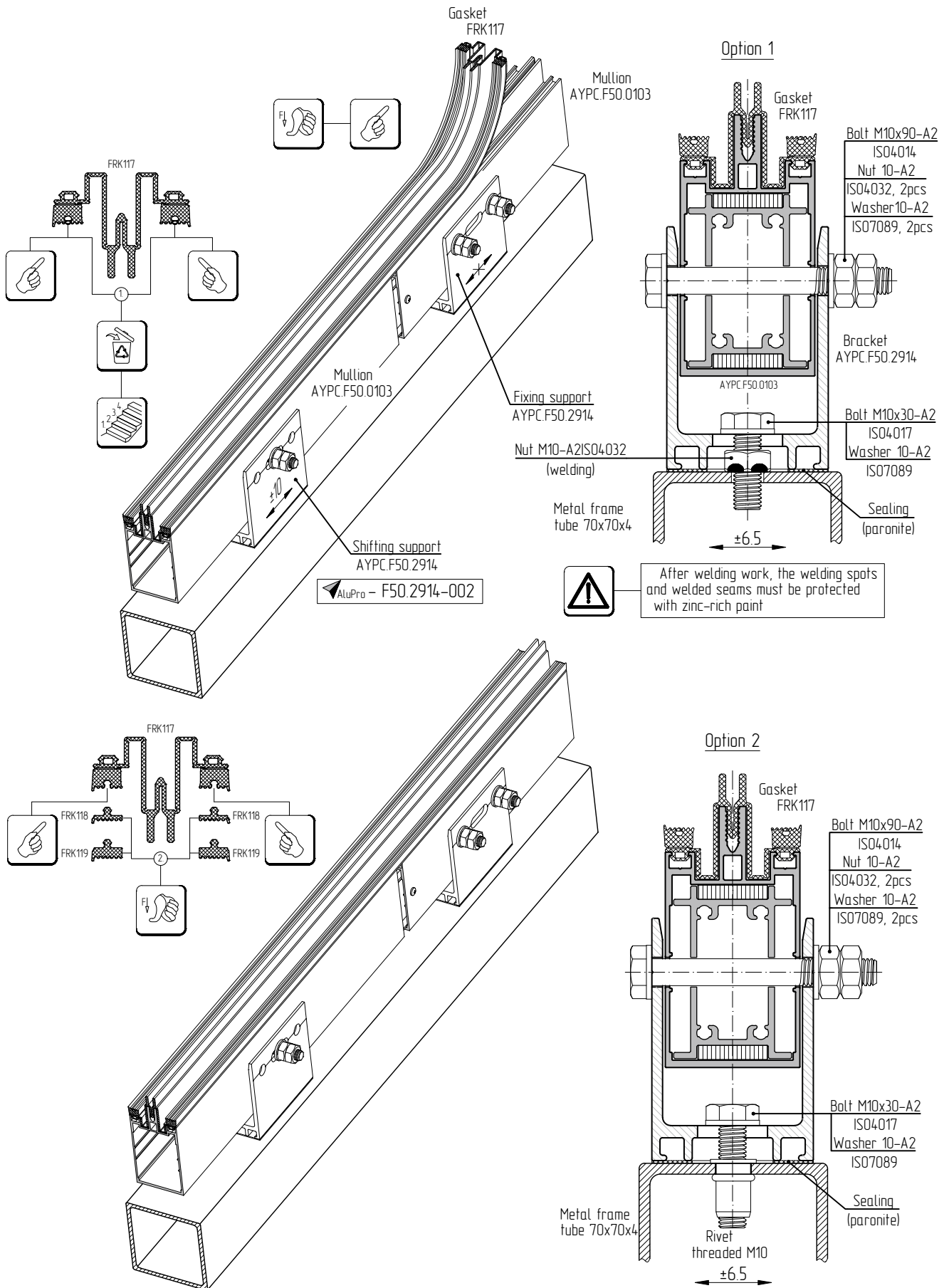
without adjustment mechanism for mullion in height



Sequence of assembling the fixing joint of two mullions on the metal frame on the inclined sections of the facade

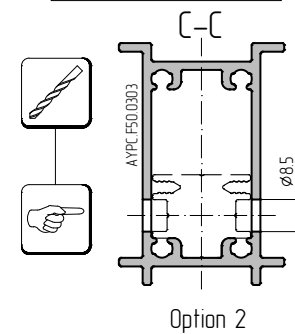
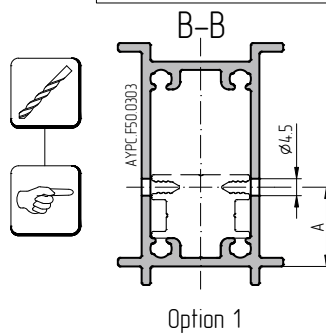
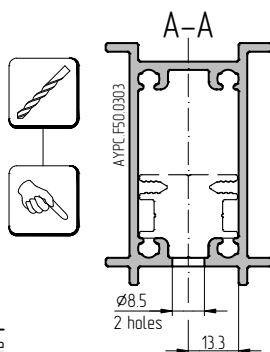
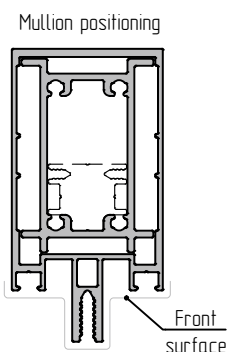
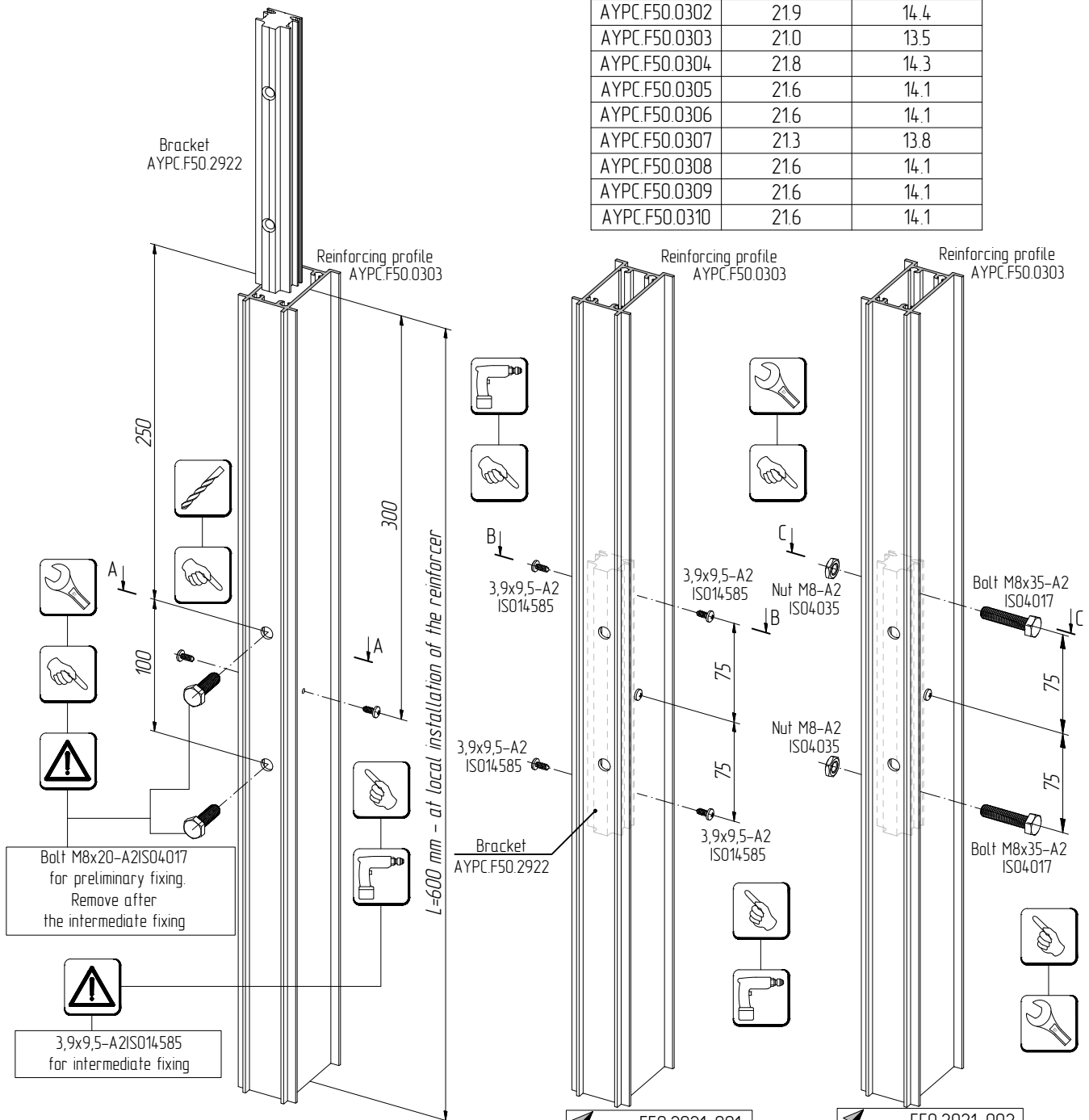


Sequence of assembling the fixing joint of two mullions on the metal frame on the inclined sections of the facade

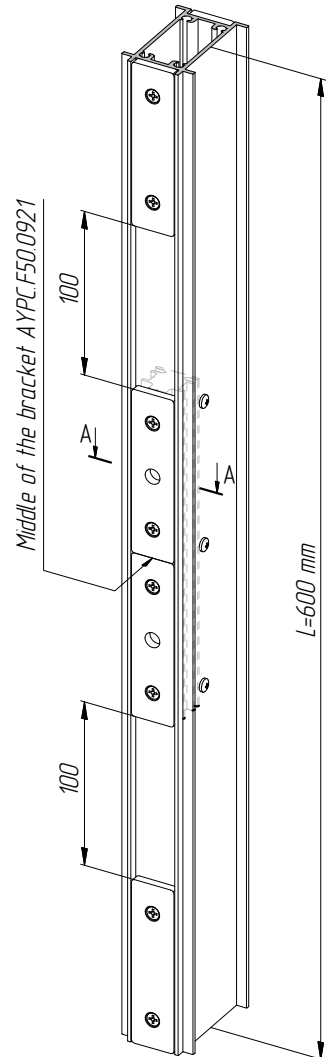
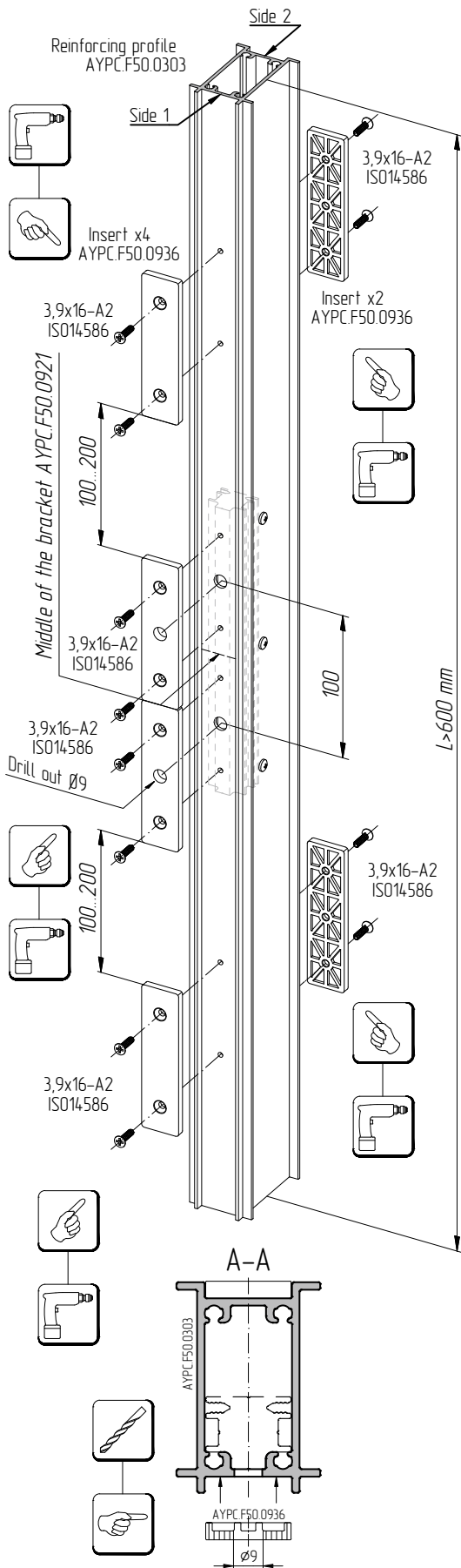


Sequence of assembling of reinforcing profile under the installation of the AYPC.F50.2921 bracket
AYPC.F50.2922 Bracket is installed from the side of front mullion surface

Reinforcing profile	Processing	
	Dimension A, mm	Dimension B, mm
AYPC.F50.0302	219	14.4
AYPC.F50.0303	210	13.5
AYPC.F50.0304	218	14.3
AYPC.F50.0305	216	14.1
AYPC.F50.0306	216	14.1
AYPC.F50.0307	213	13.8
AYPC.F50.0308	216	14.1
AYPC.F50.0309	216	14.1
AYPC.F50.0310	216	14.1

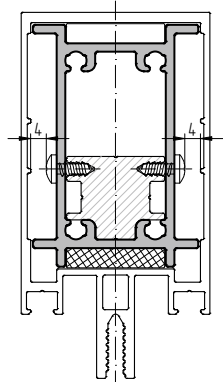


Sequence of assembling of reinforcing profile under the installation of the AYPC.F50.2921 bracket
AYPC.F50.2922 Bracket is installed from the side of front mullion surface



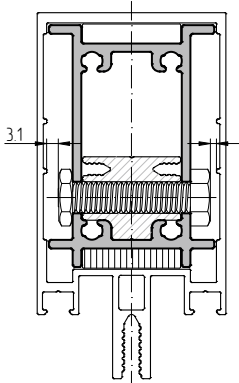
AluPro - F50.2921-001

Option 1



AluPro - F50.2921-002

Option 2

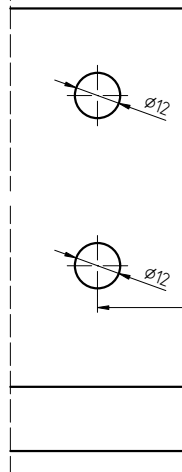
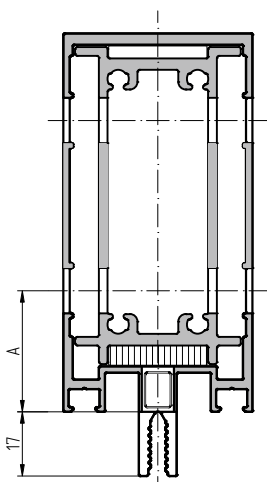
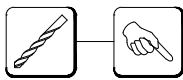
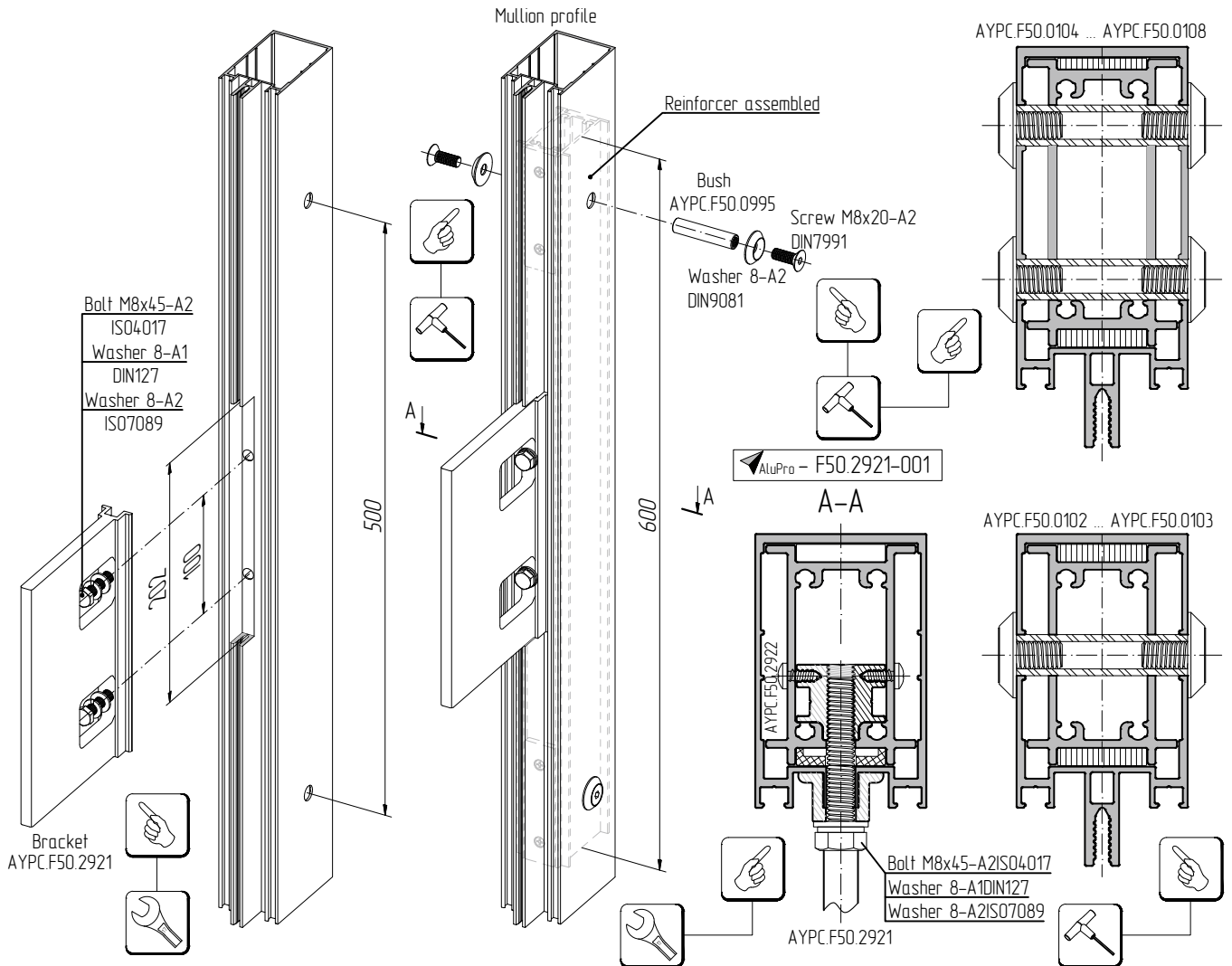


Reinforcing profile	Distance insert	
	Side 1	Side 2
AYPC.F50.0302	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0303	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0304	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0305	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0306	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0307	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0308	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0309	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0310	AYPC.F50.0936	AYPC.F50.0937

The sequence of processing and assemblage of mullion profiles for the installation of the AYPC.F50.2921 bracket

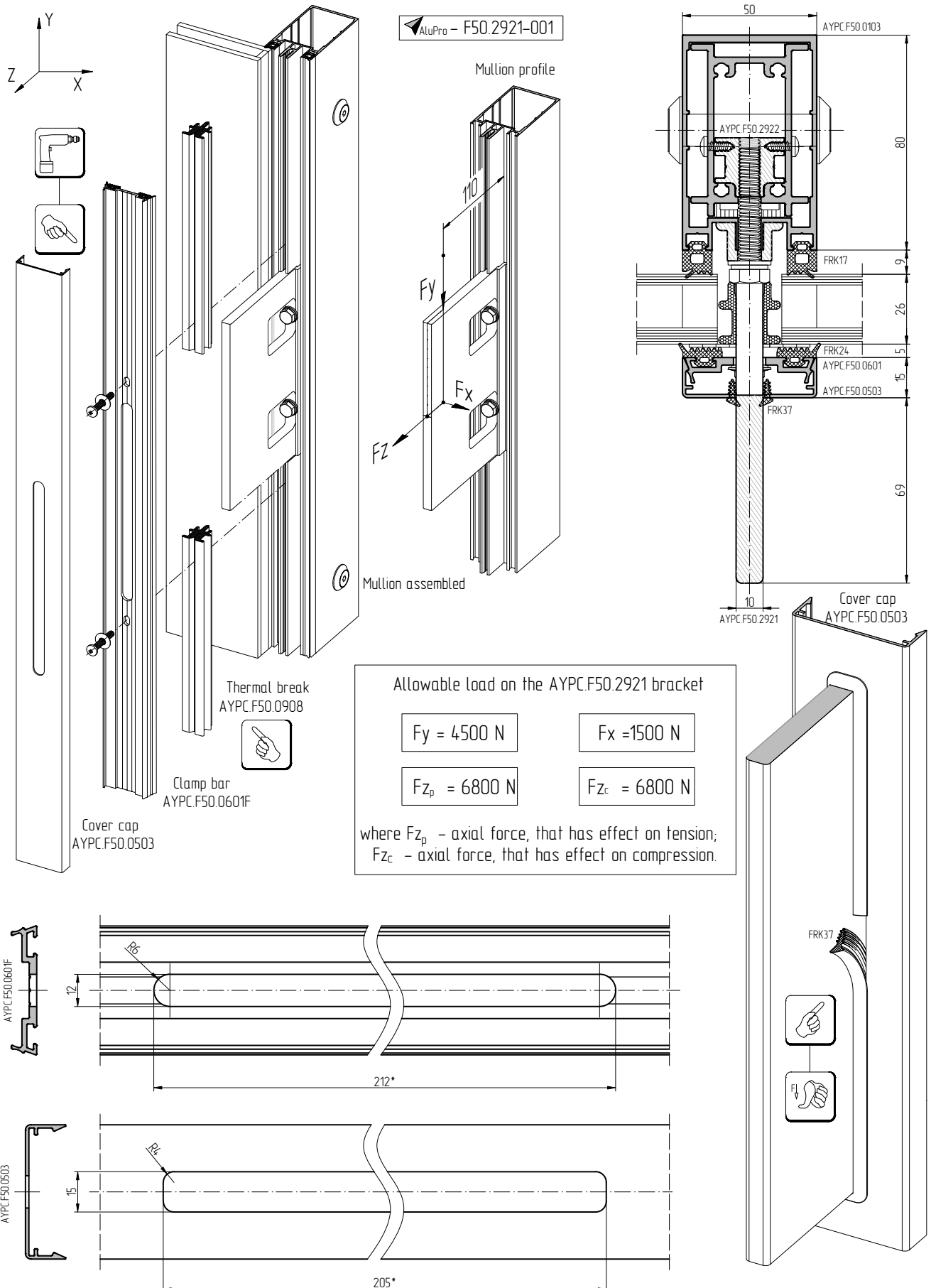
Processing of mullion profile

Fixing of the reinforcer in the mullion profile at its local installation



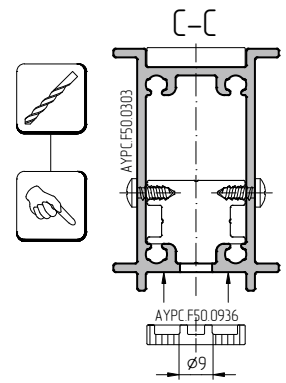
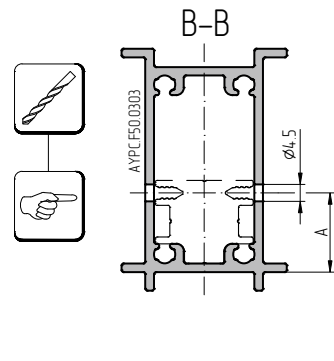
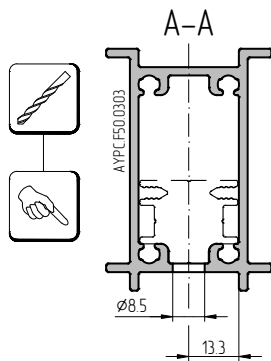
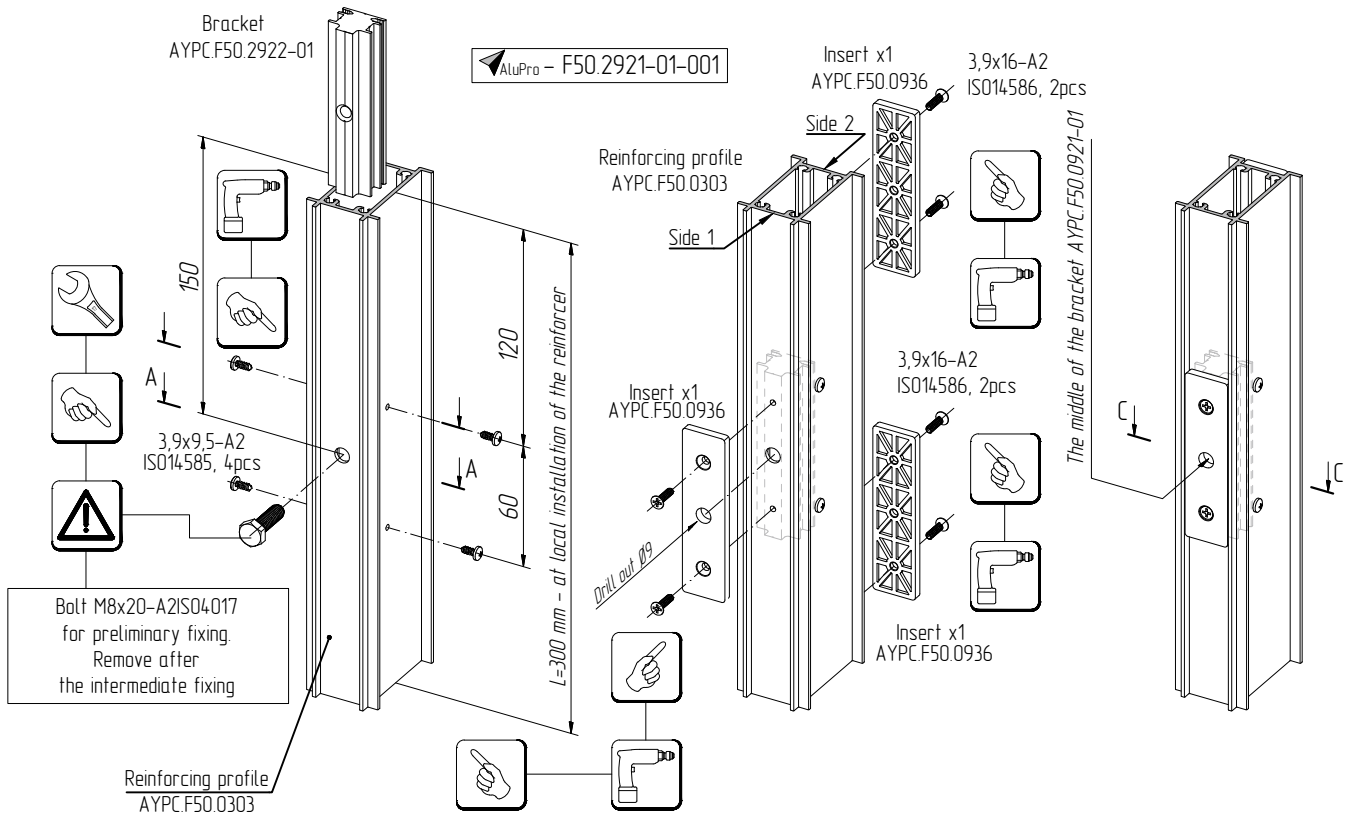
Mullion profile	Reinforcing profile	Processing		
		Dimension A, mm	Dimension B, mm	Dimension C, mm
AYPC.F50.0102	AYPC.F50.0302	35.6	-	18.1
AYPC.F50.0103	AYPC.F50.0303	44.6	-	27.1
AYPC.F50.0104	AYPC.F50.0304	32	45	14.5
AYPC.F50.0105	AYPC.F50.0305	32	64.7	14.5
AYPC.F50.0106	AYPC.F50.0306	32	84.7	14.5
AYPC.F50.0107	AYPC.F50.0307	32	114.1	14.5
AYPC.F50.0108	AYPC.F50.0308	32	140	14.5
AYPC.F50.0117	AYPC.F50.0309	32	90	14.5
AYPC.F50.0118	AYPC.F50.0310	32	115	14.5

The sequence of processing and assemblage of profiles for the installation of the AYPC.F50.2921 bracket



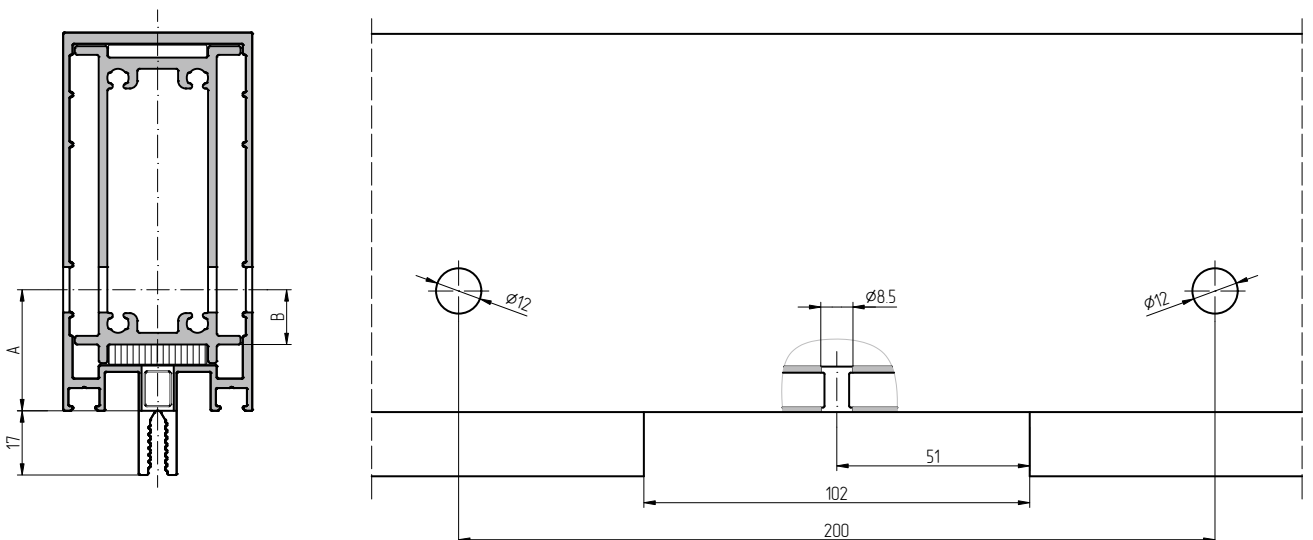
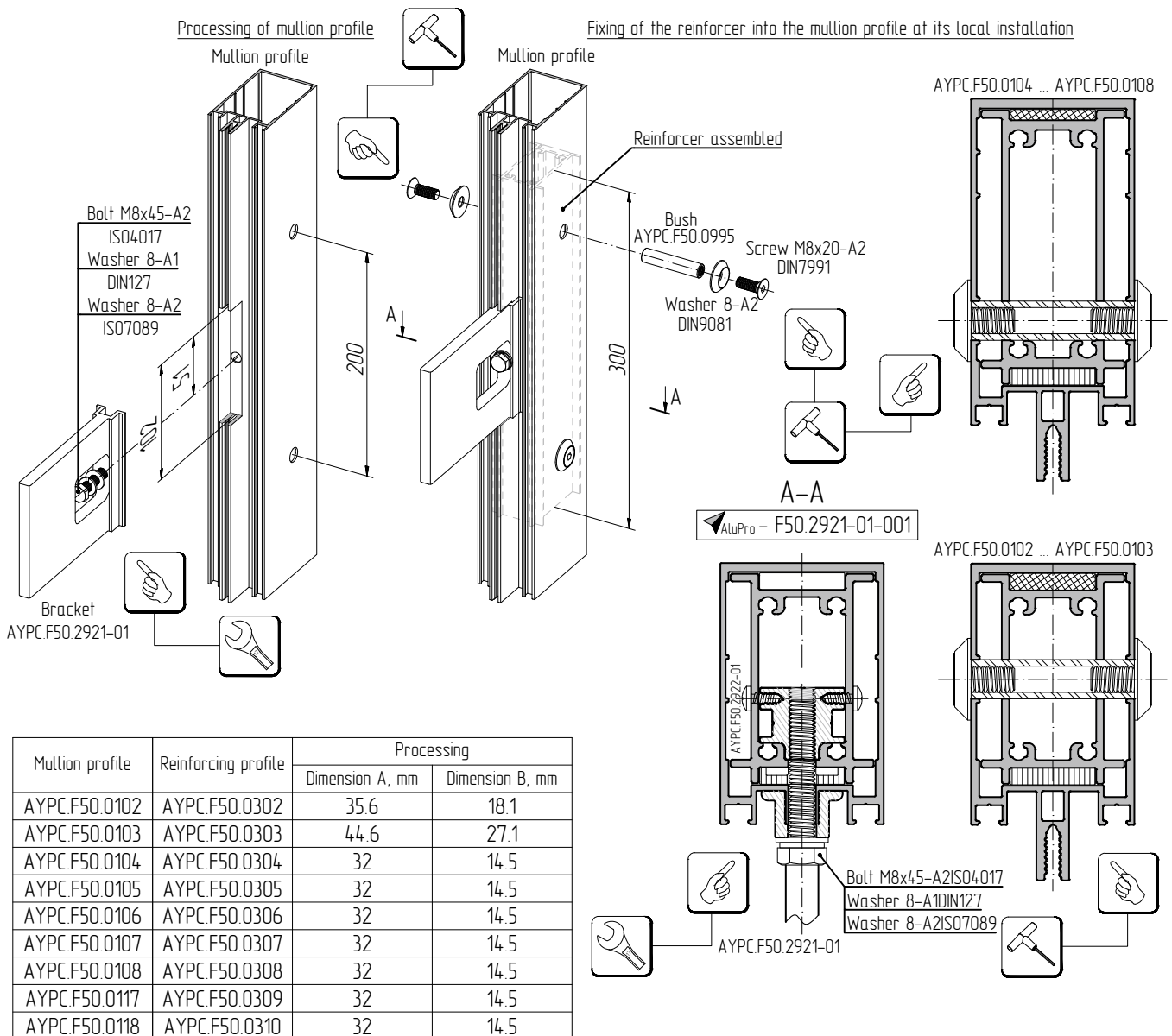
* The dimensions are valid for the length of the AYPC.F50.0601F clamp bar and the AYPC.F50.0503 cover cap of no more than 3400 mm

The sequence of assemblage of reinforcing profile for the installation of the AYPC.F50.2921-01 bracket
AYPC.F50.2922-02 Bracket is installed from the side of front mullion surface

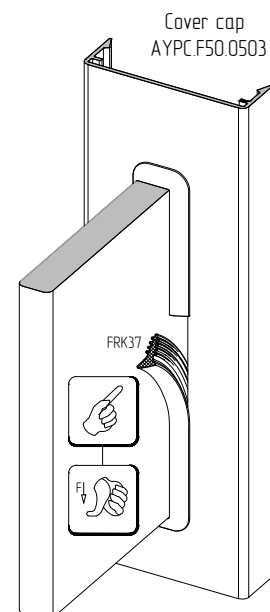
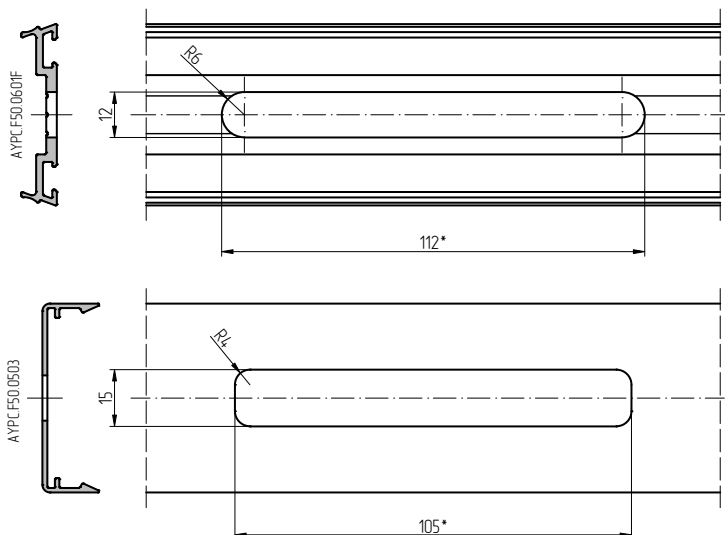
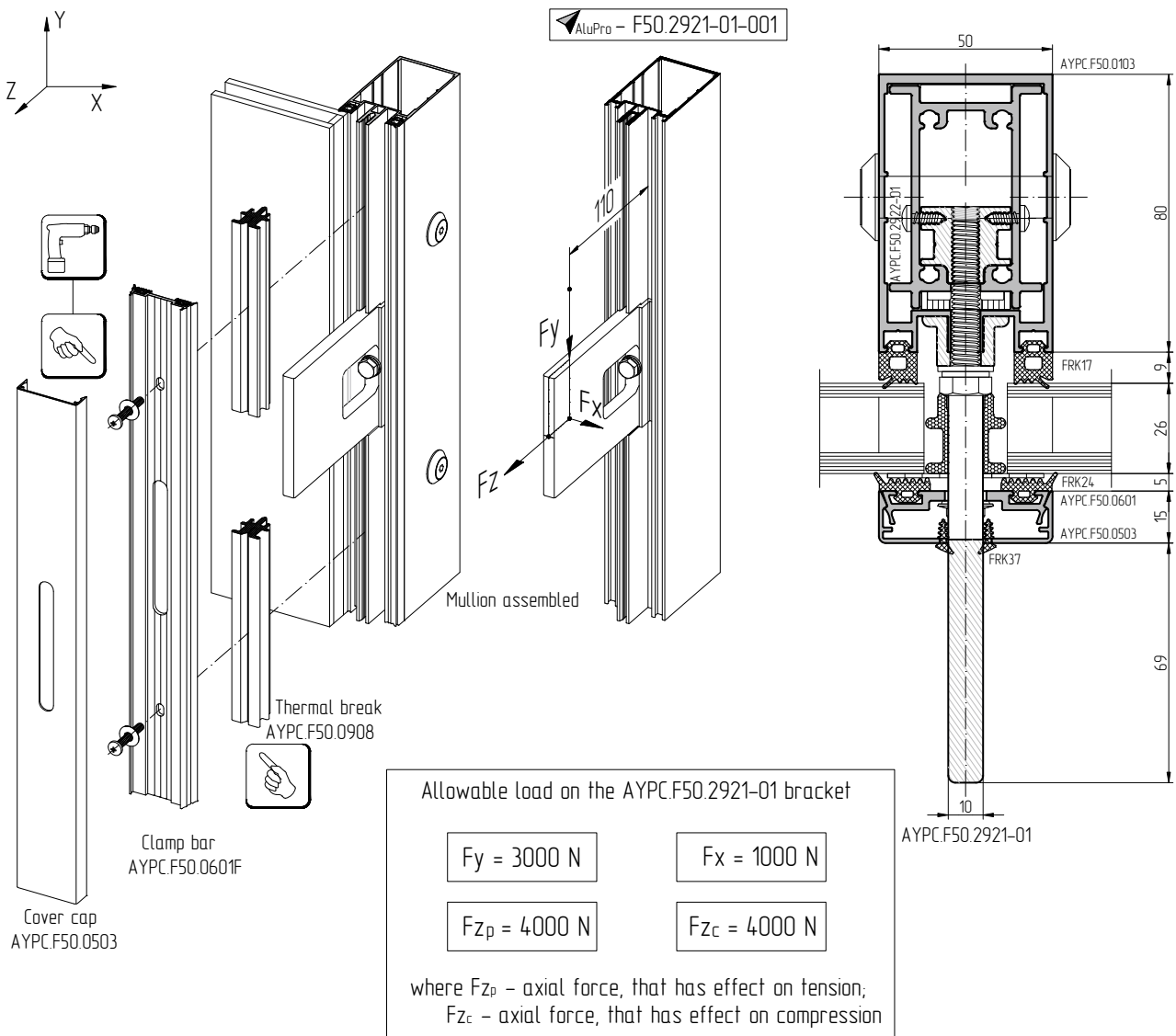


Reinforcing profile	Processing	Distance insert	
	Dimension A, mm	Side 1	Side 2
AYPC.F50.0302	219	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0303	210	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0304	218	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0305	216	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0306	216	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0307	213	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0308	216	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0309	216	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0310	216	AYPC.F50.0936	AYPC.F50.0937

The sequence of processing and assemblage of profiles for the installation of the AYPC.F50.2921-01 support bracket



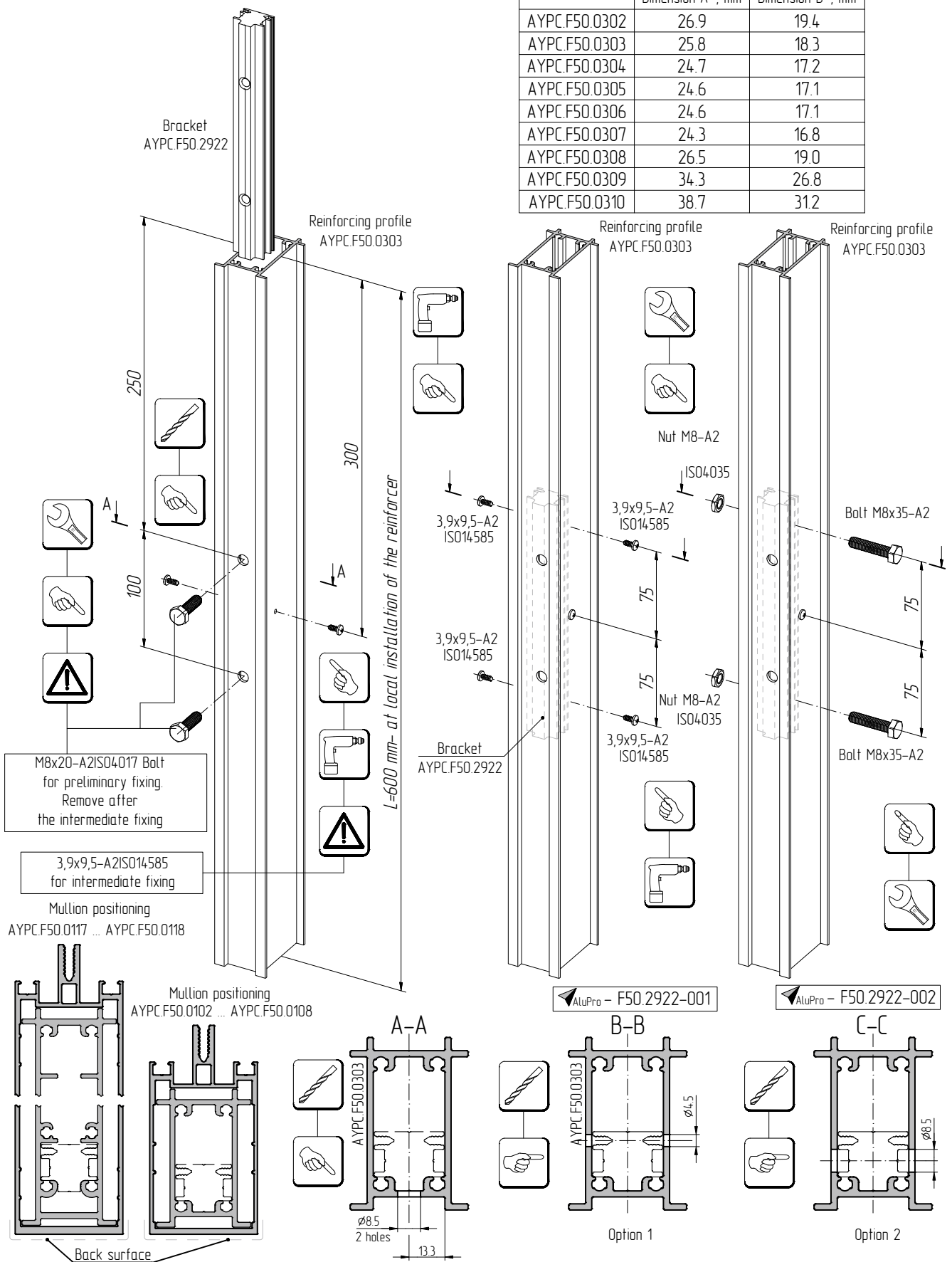
The sequence of processing and assemblage of profiles for the installation of the AYPC.F50.2921-01 bracket



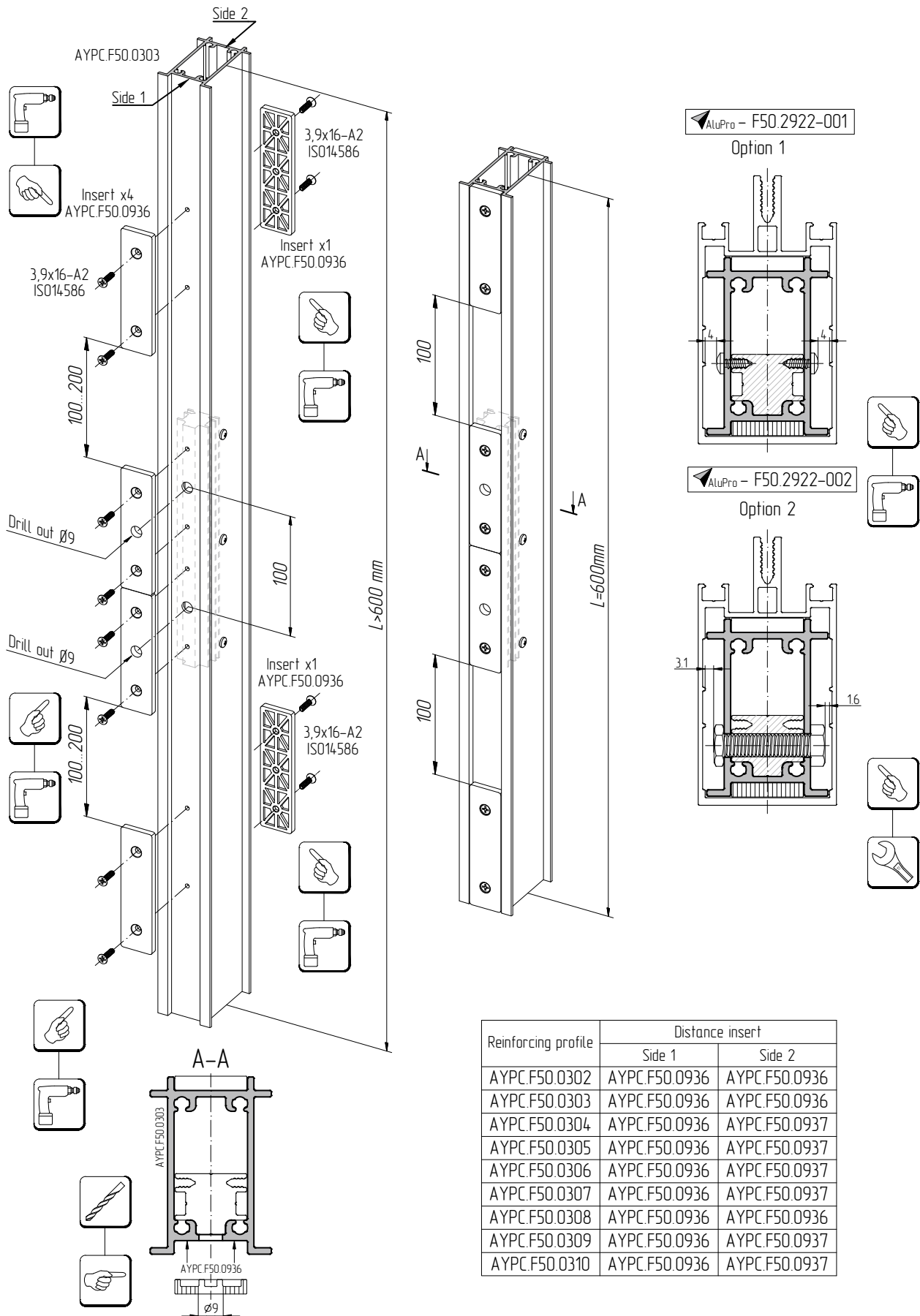
* The dimensions are valid for the length of the AYPC.F50.0601F clamp bar and the AYPC.F50.0503 cover cap of no more than 3400 mm

The sequence of assemblage of the reinforcing profile for the installation of the AYPC.F50.2922 bracket from the side of the mullion back surface

Reinforcing profile	Processing	
	Dimension A*, mm	Dimension B*, mm
AYPC.F50.0302	26.9	19.4
AYPC.F50.0303	25.8	18.3
AYPC.F50.0304	24.7	17.2
AYPC.F50.0305	24.6	17.1
AYPC.F50.0306	24.6	17.1
AYPC.F50.0307	24.3	16.8
AYPC.F50.0308	26.5	19.0
AYPC.F50.0309	34.3	26.8
AYPC.F50.0310	38.7	31.2

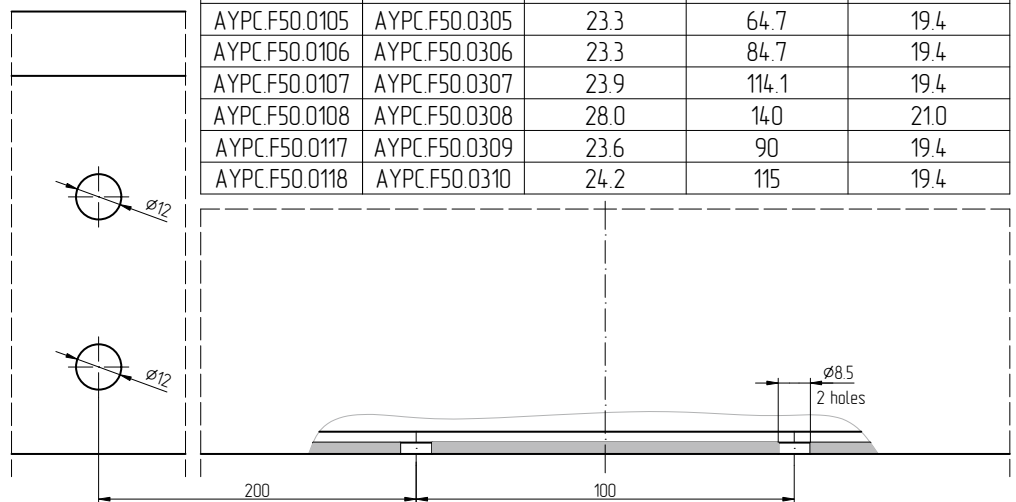
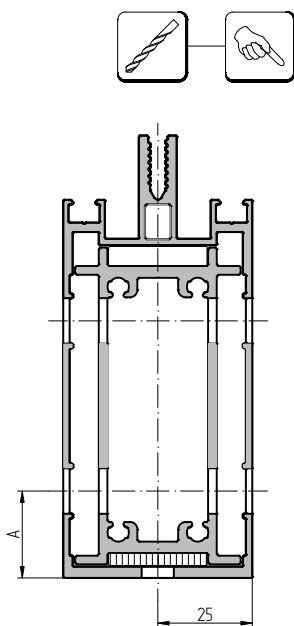
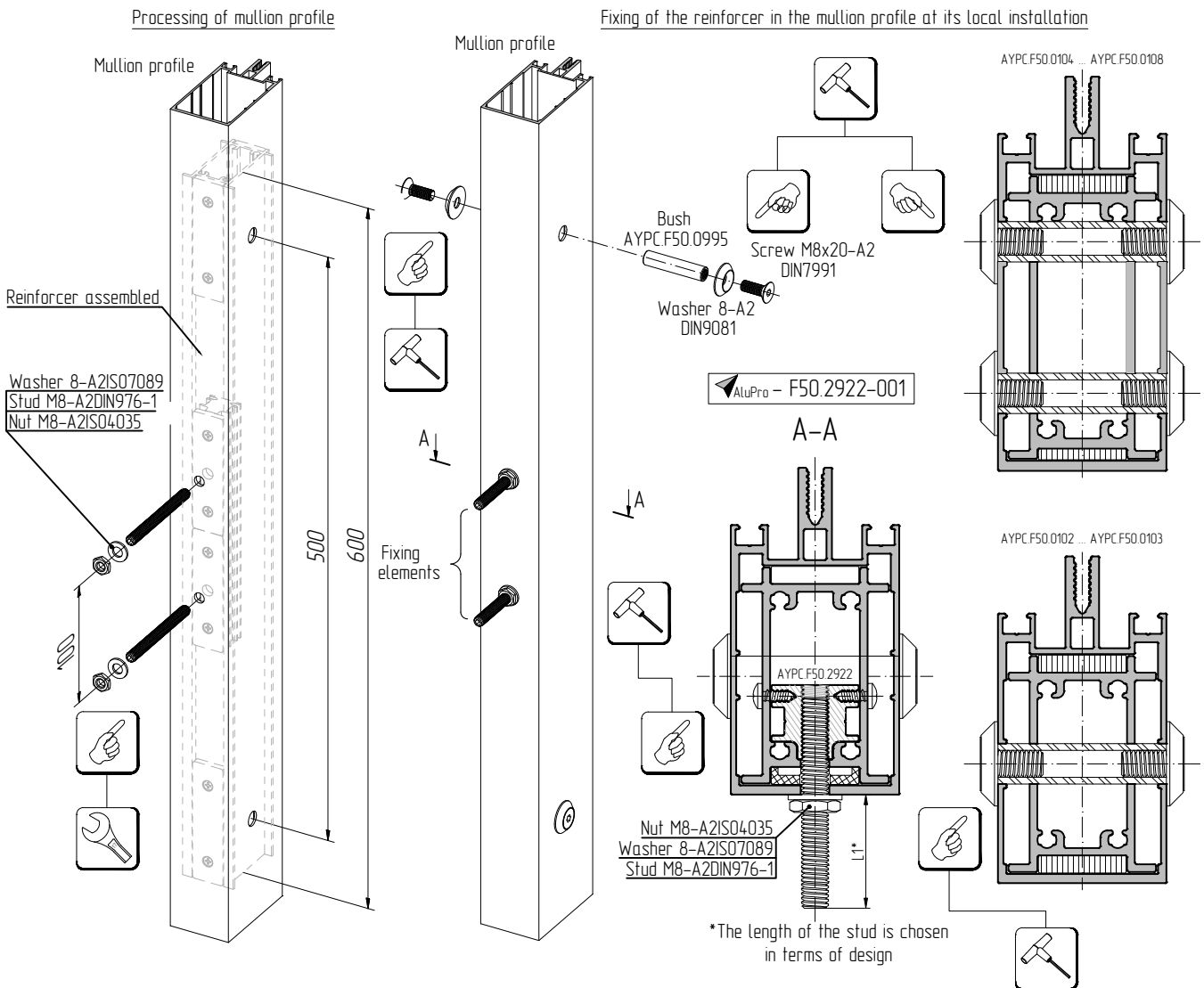


The sequence of assemblage of the reinforcing profile for the installation of the AYPC.F50.2922 bracket from the side of the mullion back surface



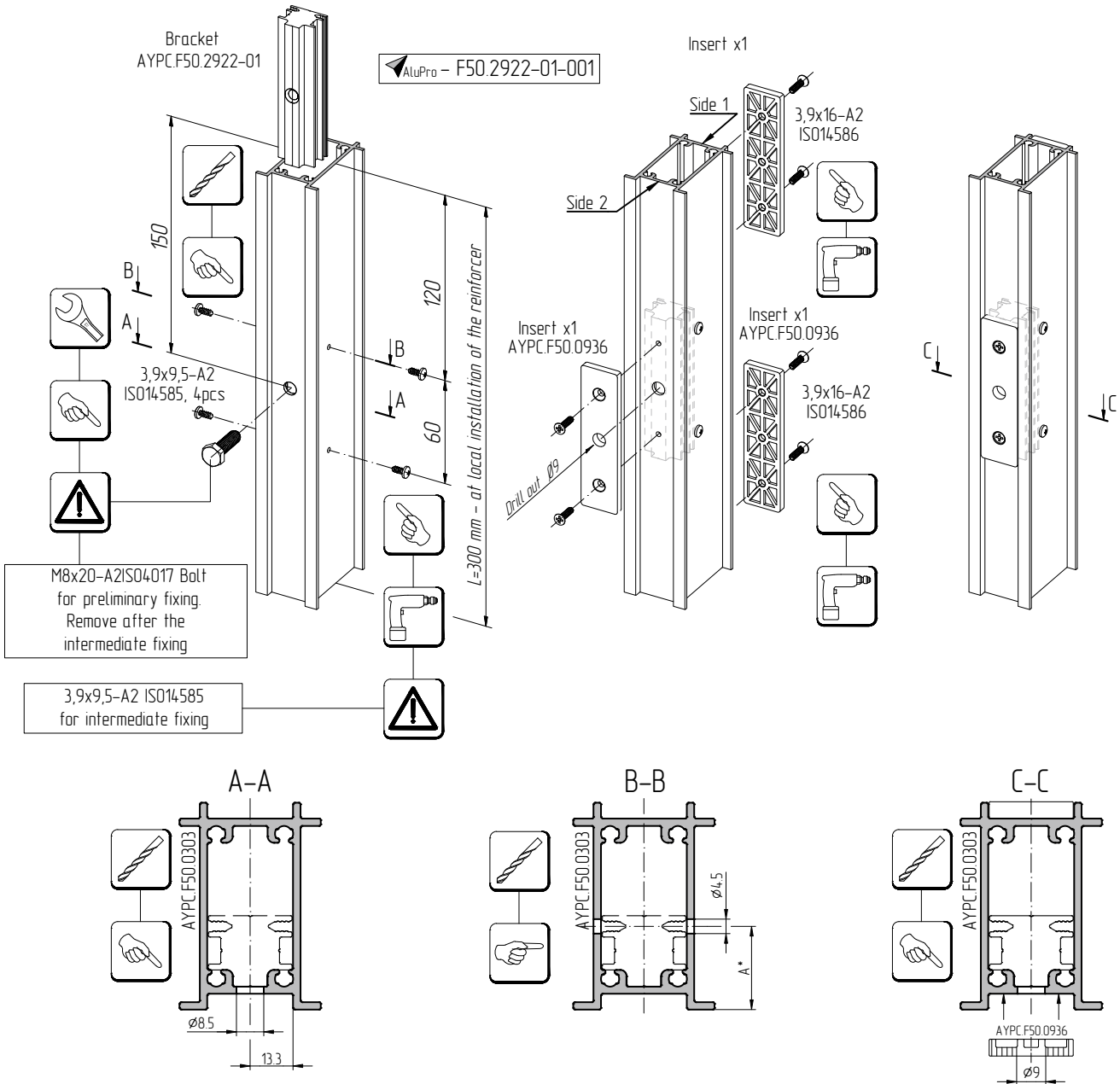
Reinforcing profile	Distance insert	
	Side 1	Side 2
AYPC.F50.0302	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0303	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0304	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0305	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0306	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0307	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0308	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0309	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0310	AYPC.F50.0936	AYPC.F50.0937

The sequence of assemblage of the mullion profiles for the installation of anchor fixing elements from the side of the mullion back surface



Mullion profile	Reinforcing profile	Processing		
		Dimension A, mm	Dimension B, mm	Dimension C, mm
AYPC.F50.0102	AYPC.F50.0302	26.4	-	23.1
AYPC.F50.0103	AYPC.F50.0303	35.4	-	32.1
AYPC.F50.0104	AYPC.F50.0304	23.0	45	19.4
AYPC.F50.0105	AYPC.F50.0305	23.3	64.7	19.4
AYPC.F50.0106	AYPC.F50.0306	23.3	84.7	19.4
AYPC.F50.0107	AYPC.F50.0307	23.9	114.1	19.4
AYPC.F50.0108	AYPC.F50.0308	28.0	140	21.0
AYPC.F50.0117	AYPC.F50.0309	23.6	90	19.4
AYPC.F50.0118	AYPC.F50.0310	24.2	115	19.4

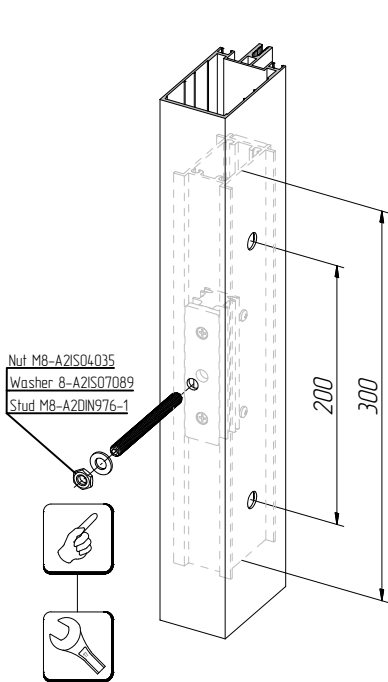
The sequence of assemblage of the reinforcing profile for the installation of the AYPC.F50.2922-01 bracket from the side of the mullion back surface



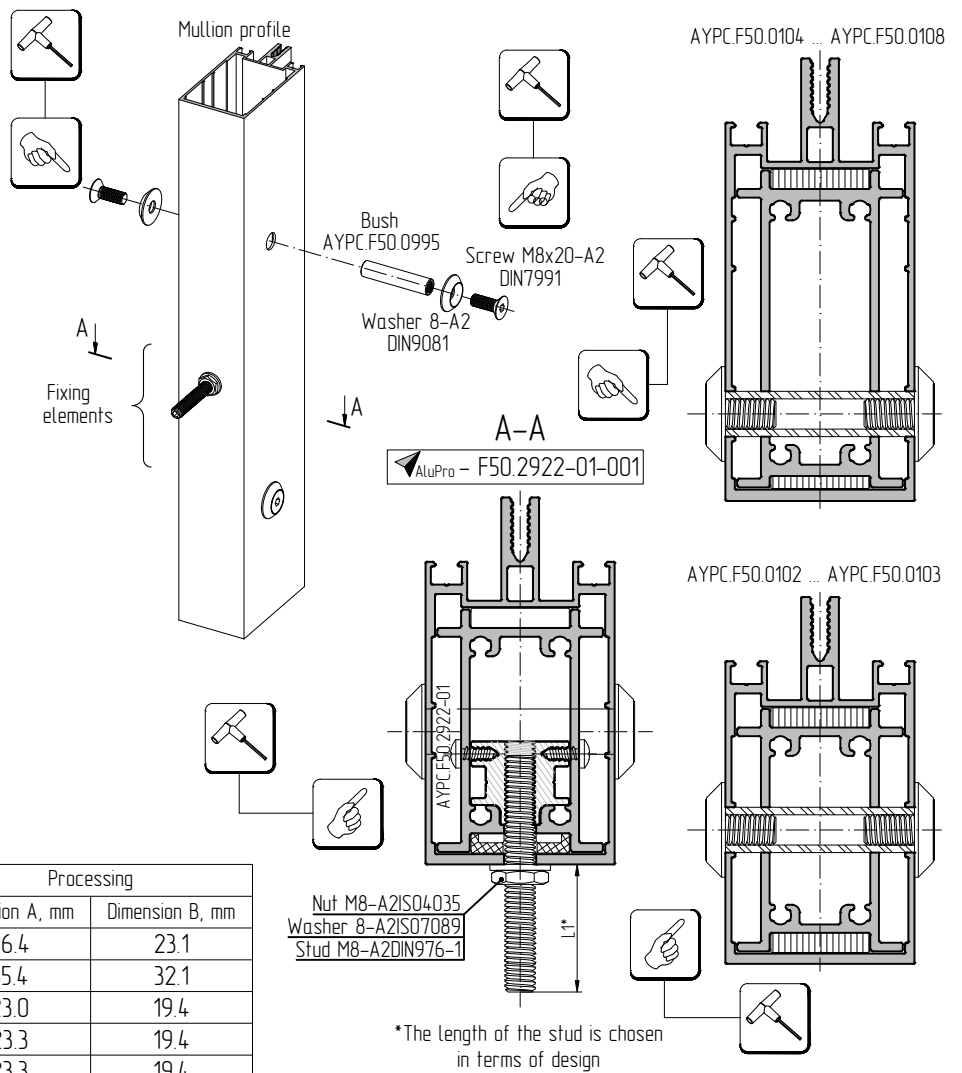
Reinforcing profile	Processing	Distance insert	
	Dimension A*, mm	Side 1	Side 2
AYPC.F50.0302	26.9	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0303	25.8	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0304	24.7	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0305	24.6	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0306	24.6	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0307	24.3	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0308	26.5	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0309	34.3	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0310	38.7	AYPC.F50.0936	AYPC.F50.0937

The sequence of assemblage of the mullion profiles for the installation of fixing elements from the side of the mullion back surface

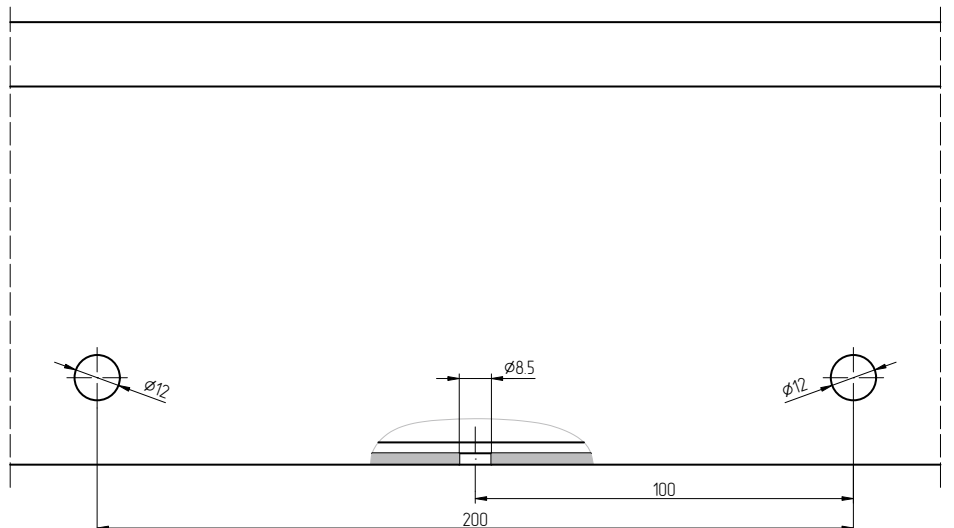
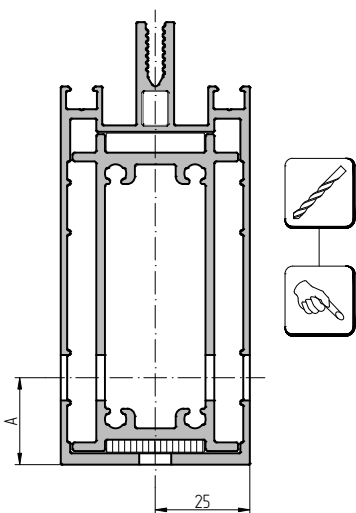
Processing of mullion profile



Fixing of the reinforcer in the mullion profile at its local installation



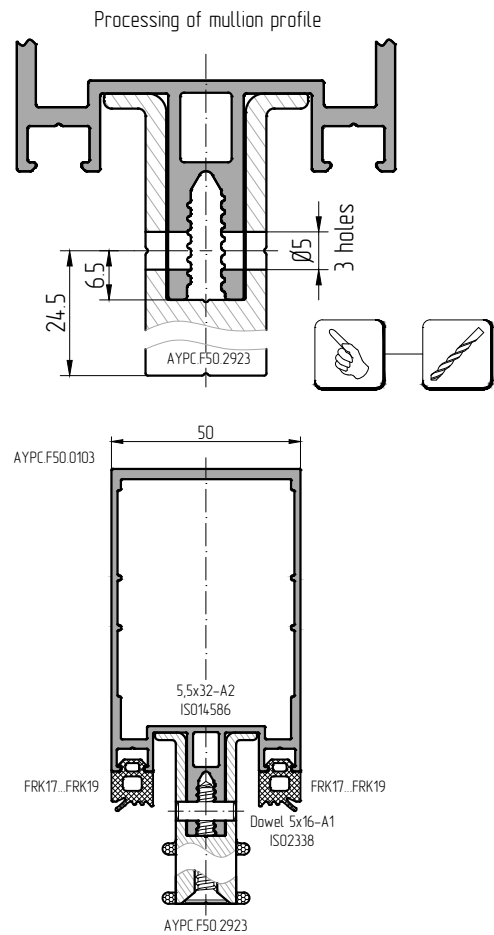
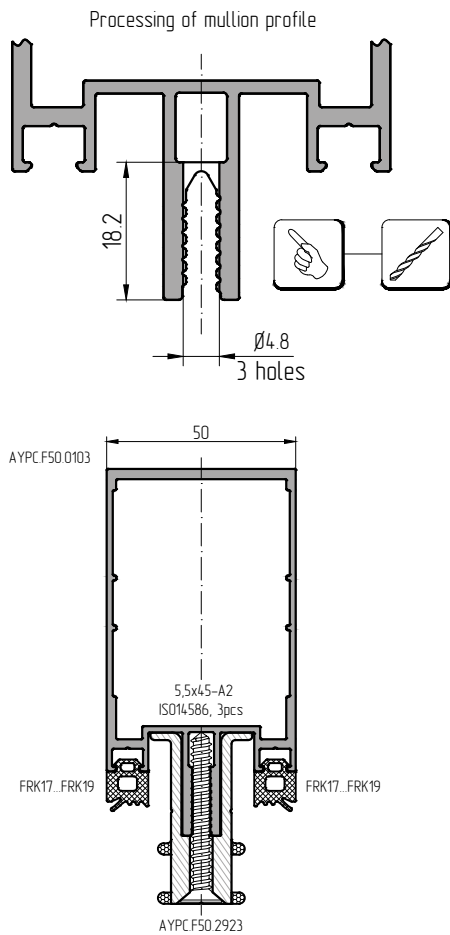
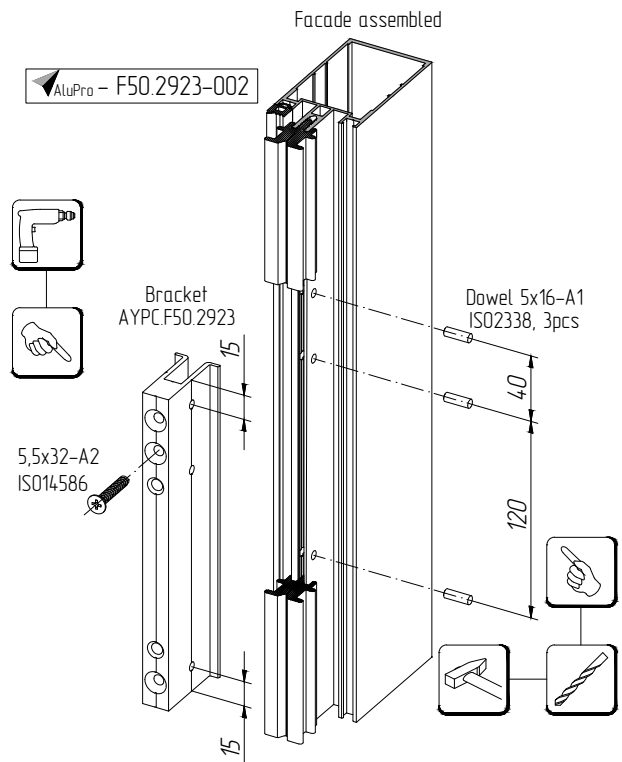
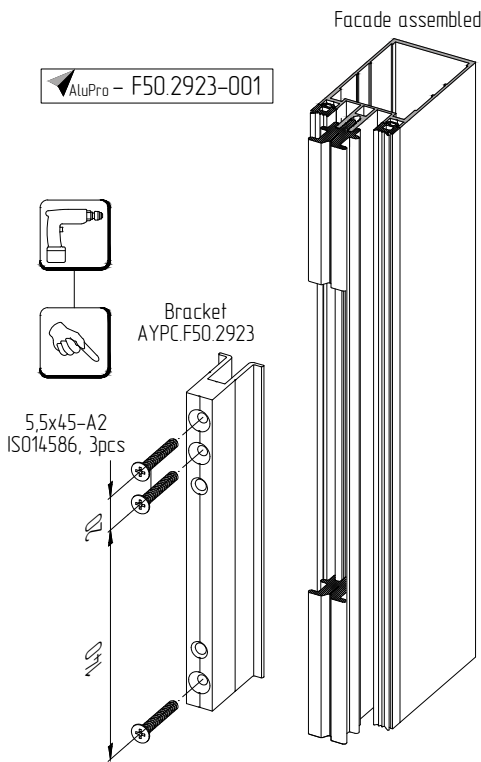
Mullion profile	Reinforcing profile	Processing	
		Dimension A, mm	Dimension B, mm
AYPC.F50.0102	AYPC.F50.0302	26.4	23.1
AYPC.F50.0103	AYPC.F50.0303	35.4	32.1
AYPC.F50.0104	AYPC.F50.0304	23.0	19.4
AYPC.F50.0105	AYPC.F50.0305	23.3	19.4
AYPC.F50.0106	AYPC.F50.0306	23.3	19.4
AYPC.F50.0107	AYPC.F50.0307	23.9	19.4
AYPC.F50.0108	AYPC.F50.0308	28.0	21.0
AYPC.F50.0117	AYPC.F50.0309	23.6	19.4
AYPC.F50.0118	AYPC.F50.0310	24.2	19.4



Types of the AYPC.F50.2923 bracket mounting on the facade

Mounting of the AYPC.F50.2923 detail with the use of self-tapping screws (without additional processing of the mullion)

Mounting of the AYPC.F50.2923 detail with the use of dowels (with additional processing of the mullion)



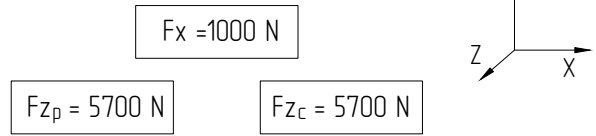
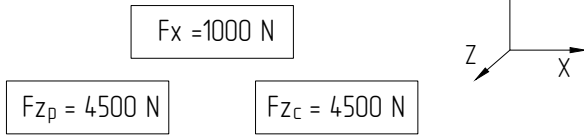
Allowed loads on the AYPC.F50.2923 bracket depending on the type of the bracket mounting on the facade

Mounting of the AYPC.F50.2923 detail with the use of self-tapping screws (without additional processing of the mullion)

Mounting of the AYPC.F50.2923 detail with the use of dowels (with additional processing of the mullion)

Allowed loads on the AYPC.F50.2923 bracket

Allowed loads on the AYPC.F50.2923 bracket

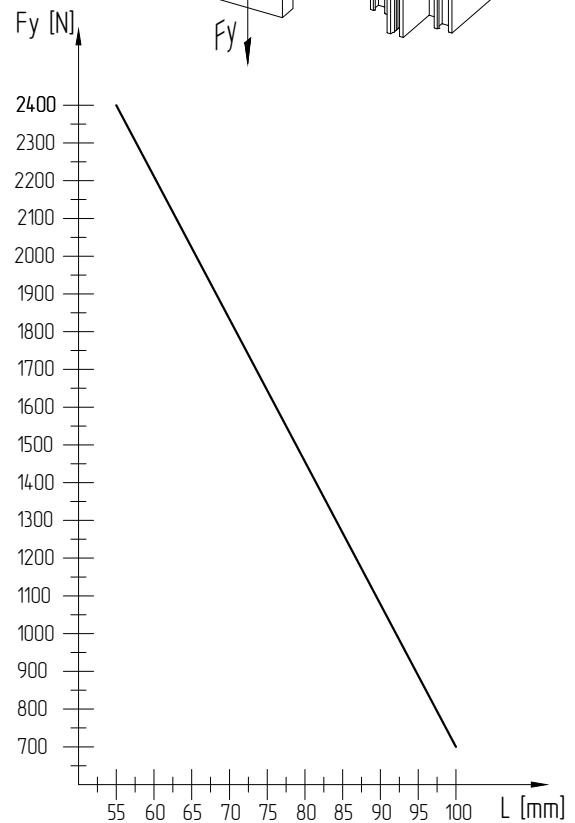
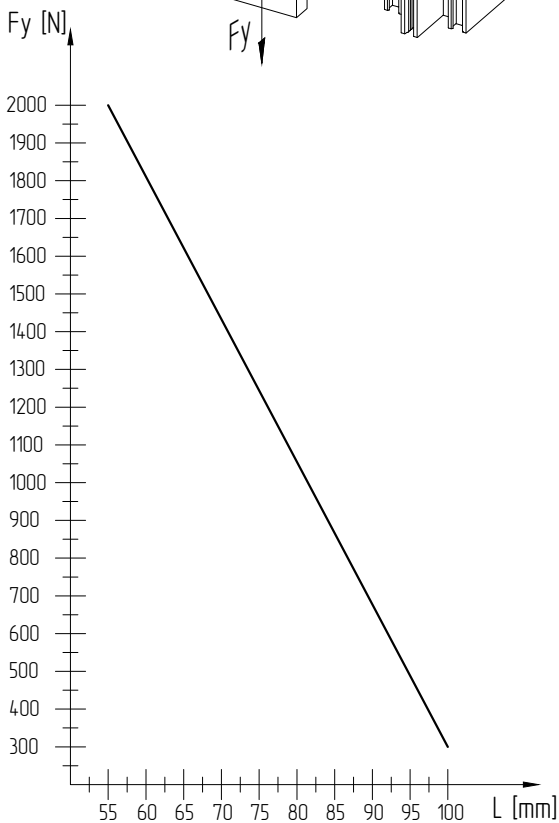
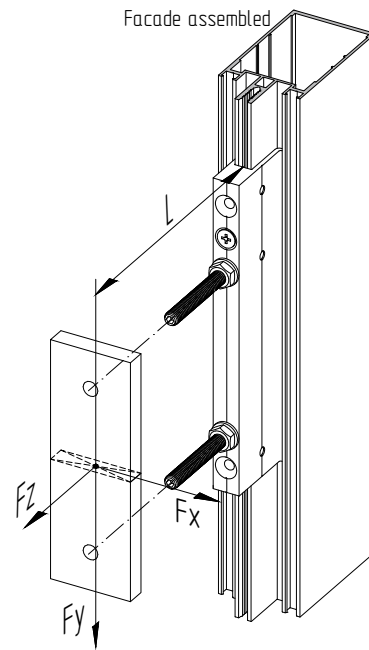
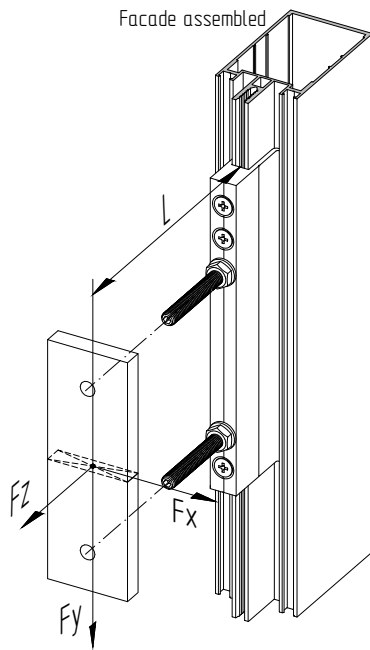


where F_{z_p} - axial force, that has effect on tension;
 F_{z_c} - axial force, that has effect on compression

where F_{z_p} - axial force, that has effect on tension;
 F_{z_c} - axial force, that has effect on compression

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Sample calculation of the bracket

Bending deflection "f"	Support reactions	Formula of deflection curve, bending deflection "f_z1"	Support reactions	Formula of deflection curve, bending deflection "f_z2"	Support reactions
$f = f_{z1} + f_{z2} < 15\text{mm}$	$V_B = V_{B1} - V_{B2}$ $V_A = V_{A1} + V_{A2}$	$f_{z1} = q(-2lz^3 + z^4 + l^3z) / 24EJ_x$ $f_{max} = 5ql^4 / 384EJ_x$; at $z = l/2$ $f_{z1} = f_{max}$; at $a = l$; $z = l/2$	$V_{B1} = 1/2ql$ $V_{A1} = 1/2ql$	$f_{z2} = M(z^3/3l + (z-a)^2 - (2a-2l/3-a^2/lz) / 2EJ_x$; at $z = a/2$ $(z-a)^2 = z^2 - 2za + a^2$ $f_{l/2} = Ml^2 / 16EJ_x$; at $a = l$; $z = l/2$ $f_{z2} = f_{l/2}$; at $a = l$; $z = l/2$	$V_{B2} = M/l$ $V_{A2} = M/l$
STB EN 13830					

Sample calculations:

$l = 4000\text{mm} = 4.00 \text{ [cm]}$

$a = 3000\text{mm} = 3.00 \text{ [cm]}$

$z = a/2 = 3000\text{mm}/2 = 1500\text{mm} = 1.50 \text{ [cm]}$

$q = 0.8 \text{ [kgf} \times \text{cm]}$ - intensity of wind load distribution

$M = F_y \times l = 450\text{kgf} \times 11\text{cm} = 4950 \text{ [kgf} \times \text{cm]}$ - moment in the vertical plane

$E = 7.1 \times 10^5 \text{ [kgf/cm}^2]$ - elastic modulus

$J_x = 283.48\text{cm}^2$ - moment of inertia for the AYP.C.F50.0106 mullion

$f_{z1} = 0.8 \times (-2 \times 4.00 \times 1.50^3 + 1.50^4 + 4.00^3 \times 1.50) / 24 \times 7.1 \times 10^5 \times 283.48 \text{ [cm]}$

$f_{z1} = 1.23 \text{ [cm]} = 12.3 \text{ [mm]}$

$V_{A1} = V_{B1} = 0.8 \times 4.00 / 2 = 1.60 \text{ [kgf]}$

$f_{z2} = 4950 \times ((1.50^3 / 3 \times 4.00) + (1.50^2 - 2 \times 1.50 \times 3.00 + 3.00^2) - (2 \times 3.00 - 2 \times 4.00 / 3 - 3.00^2 / 4.00) \times 1.50) / 2 \times 7.1 \times 10^5 \times 283.48 \text{ [cm]}$

$f_{z2} = 0.111 \text{ [cm]} = 1.11 \text{ [mm]}$

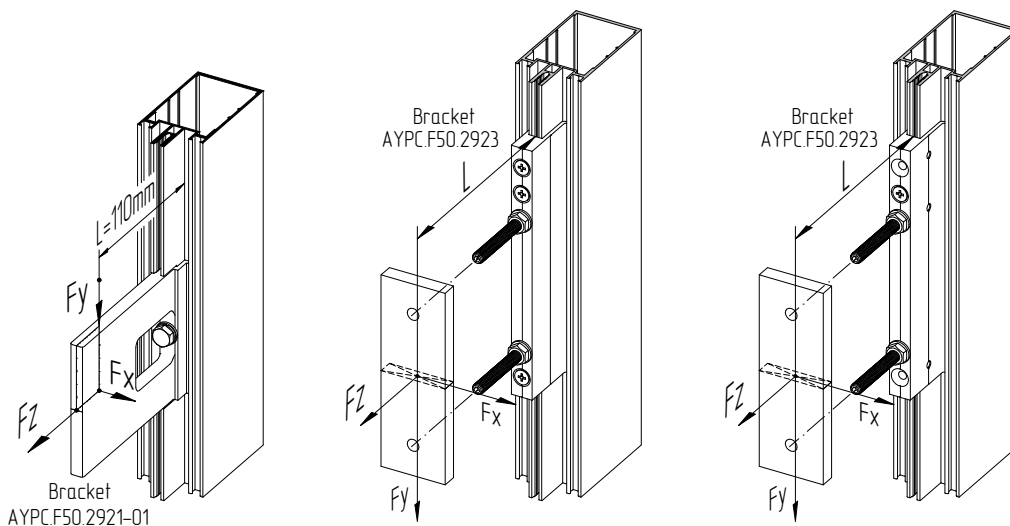
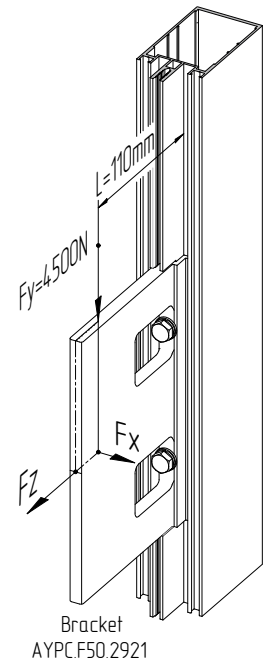
$f_{A2} = 4950 / 4.00 = 12.37 \text{ [kgf]}$

$f_{B2} = 4950 / 4.00 = 12.37 \text{ [kgf]}$

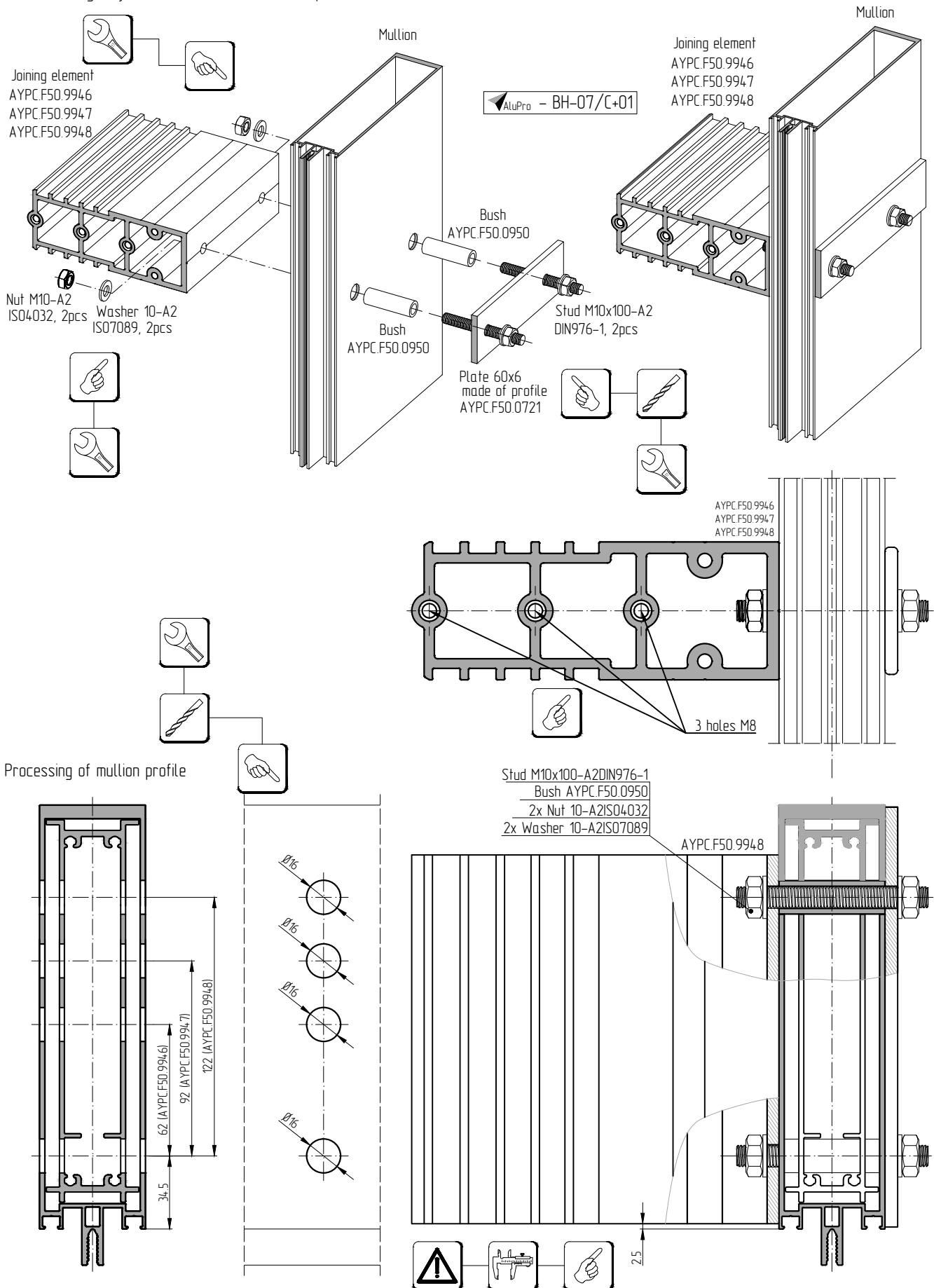
$f = f_{z1} + f_{z2} = 12.3 + 1.11 = 13.43 < 15\text{mm}$

$V_B = V_{B1} - V_{B2} = 1.60 - 12.37 = -10.77 \text{ [kgf]}$

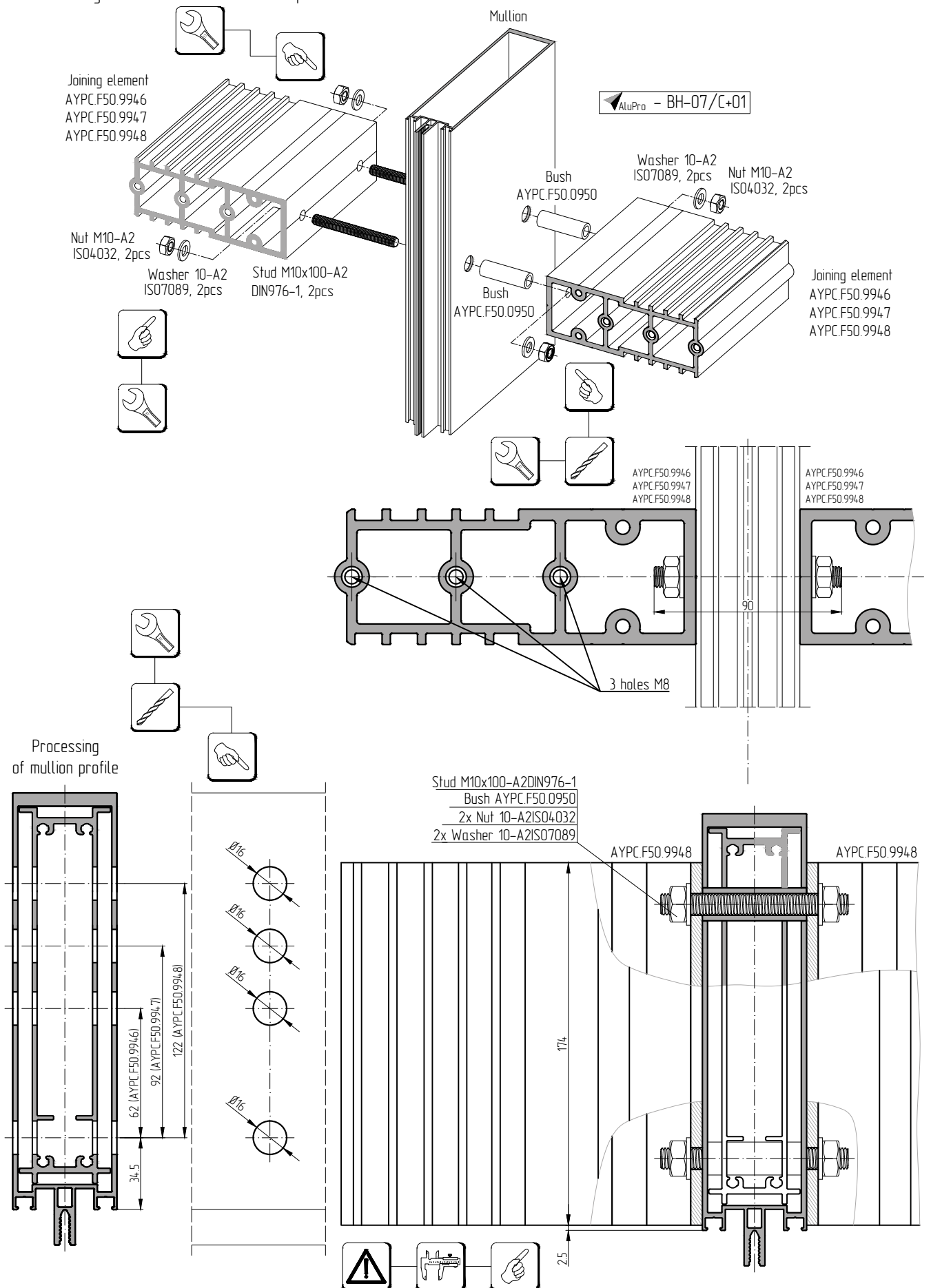
$V_A = V_{A1} + V_{A2} = 1.60 + 12.37 = 13.97 \text{ [kgf]}$



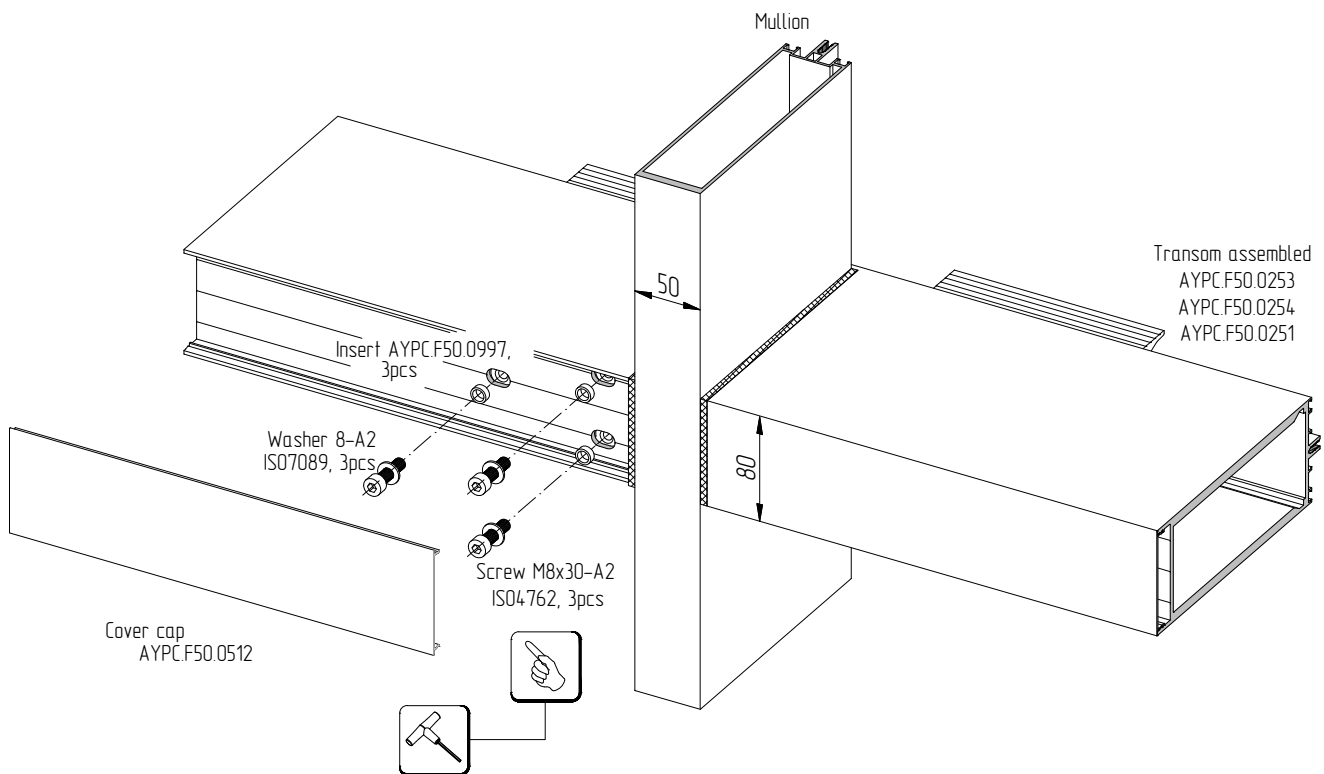
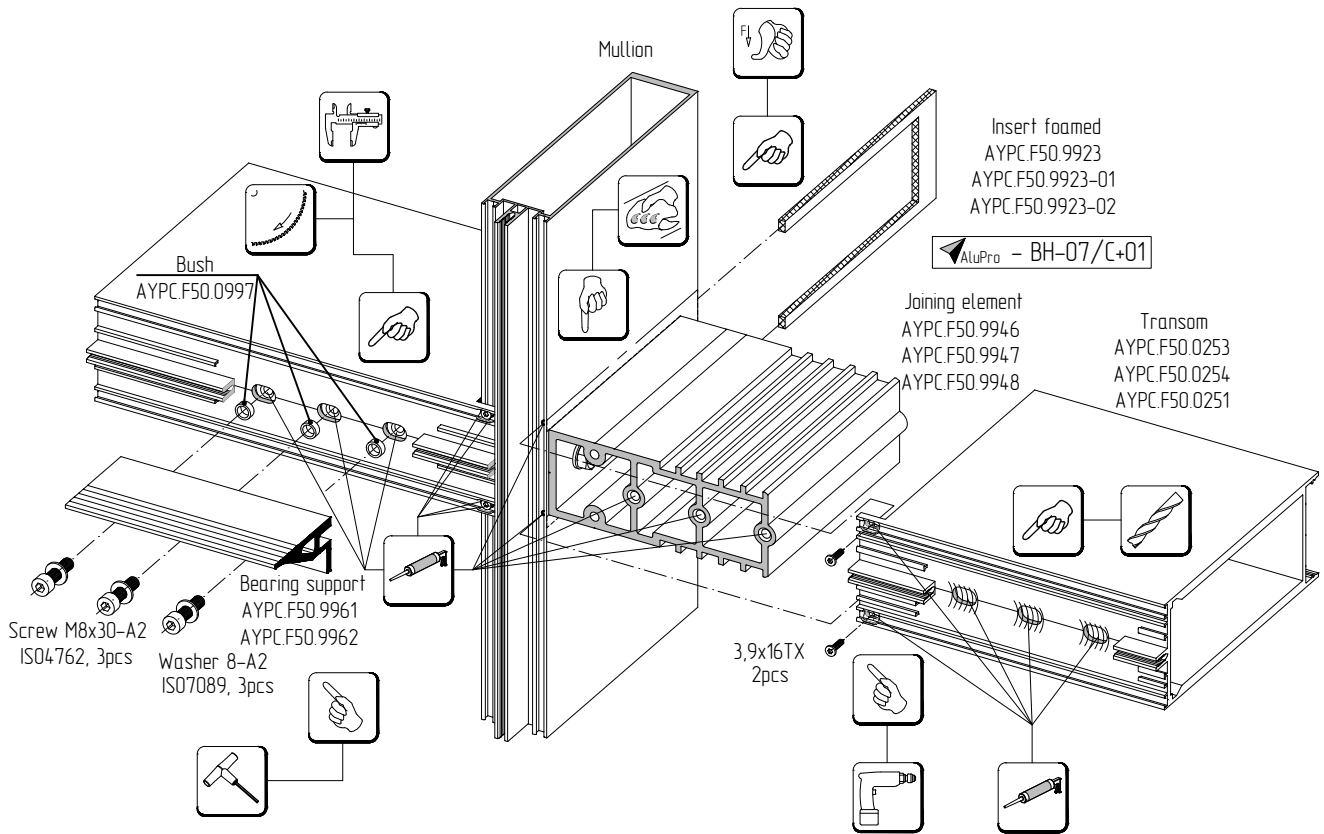
Installation of the AYPC.F50.9946, AYPC.F50.9947, AYPC.F50.9948 joining elements of the AYPC.F50.0253, AYPC.F50.0254, AYPC.F50.0251 transoms fixing only from one side of the mullion profiles



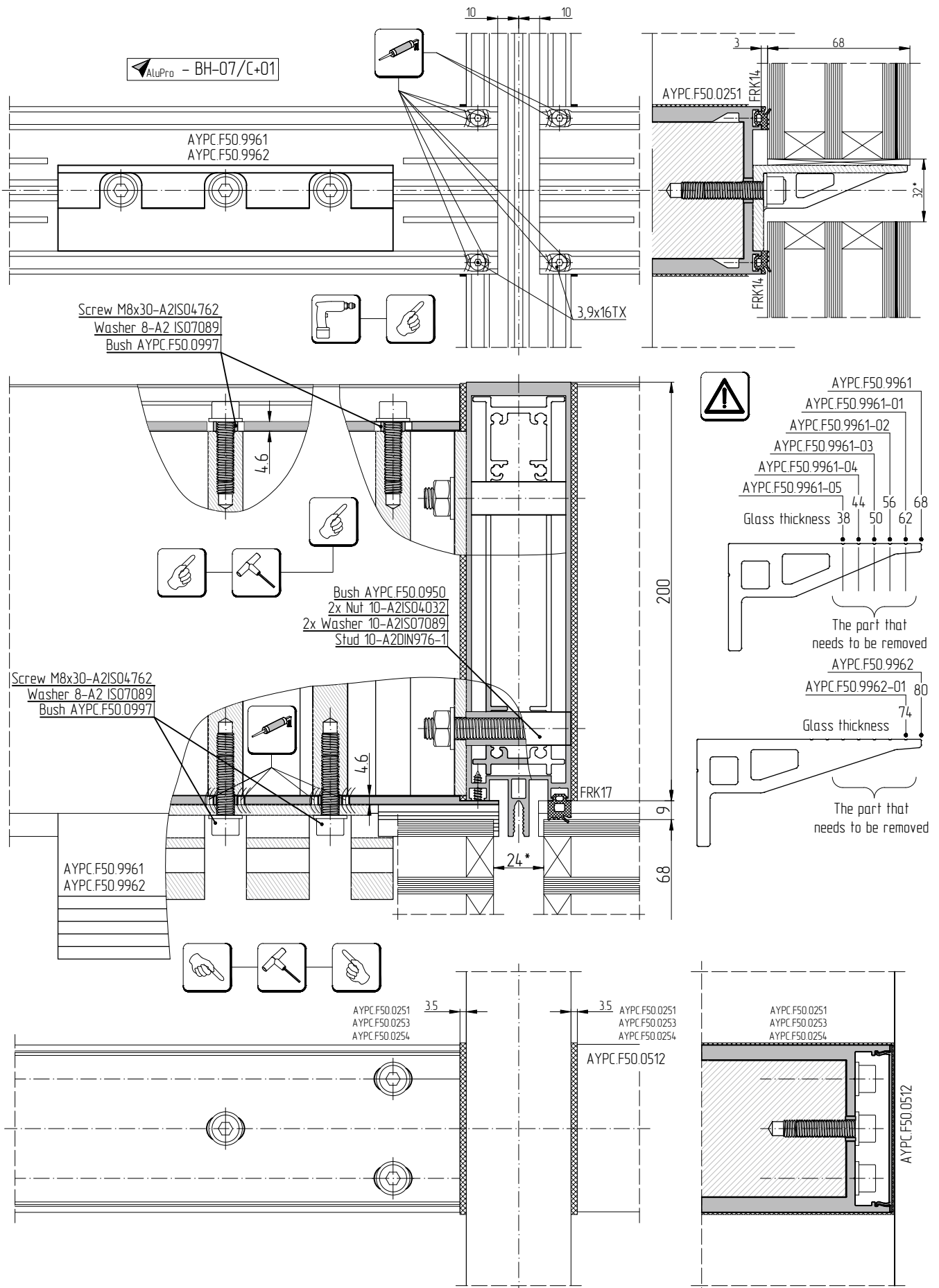
Installation of the AYPC.F50.9946, AYPC.F50.9947, AYPC.F50.9948 joining elements of the AYPC.F50.0253, AYPC.F50.0254, AYPC.F50.0251 transoms fixing from two sides of the mullion profiles

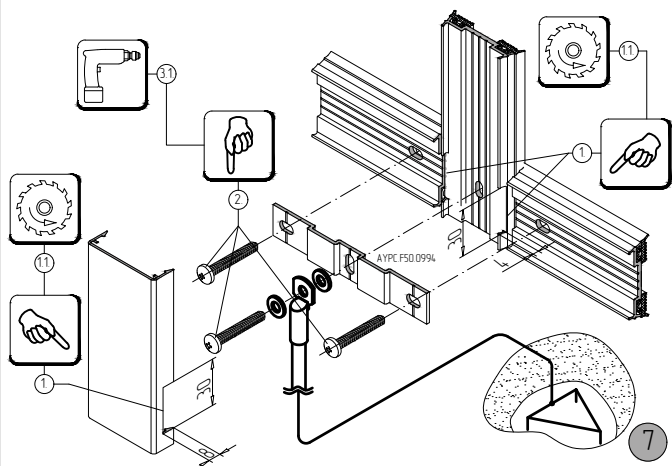
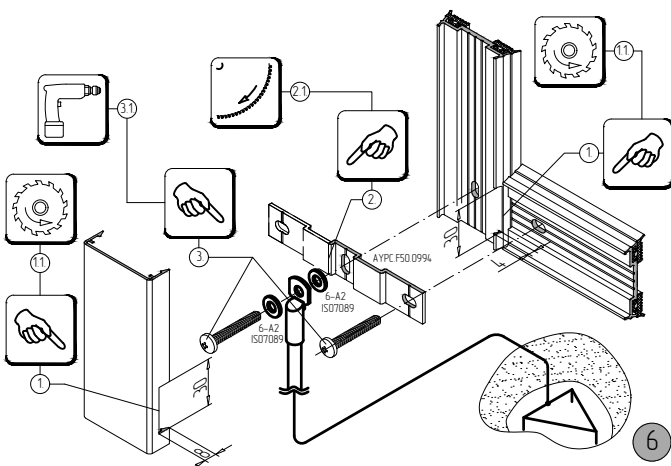
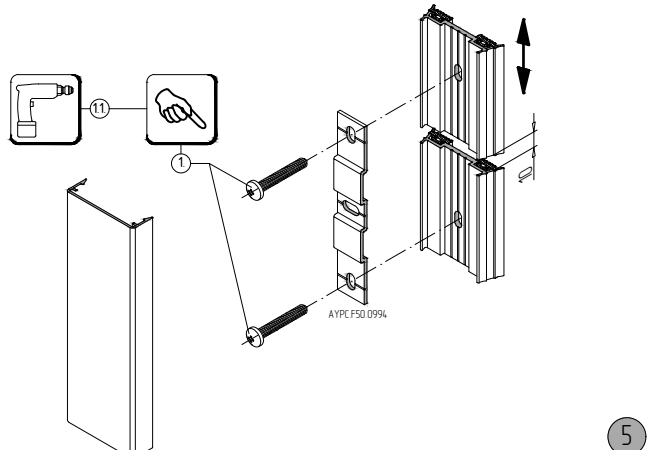
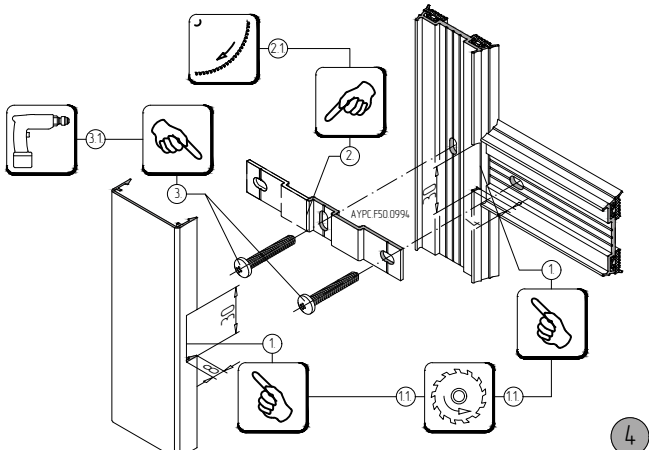
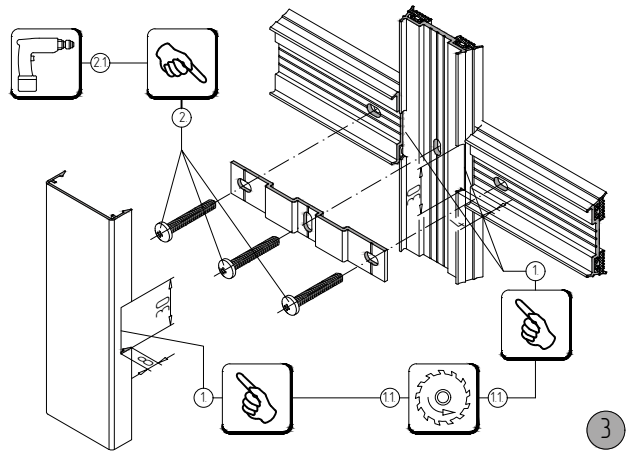
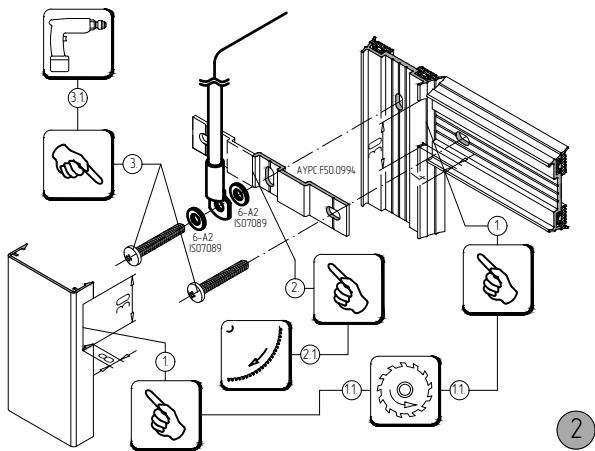
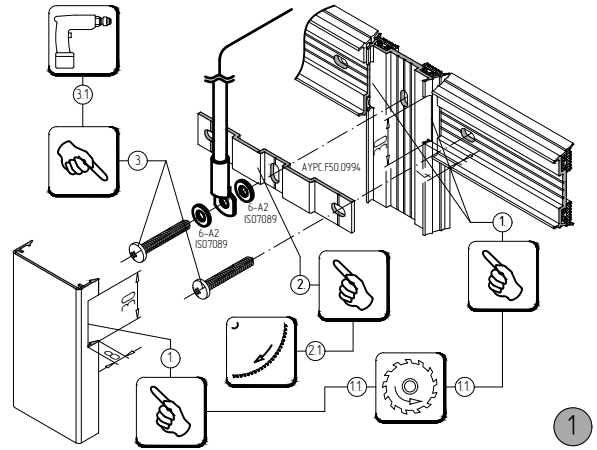
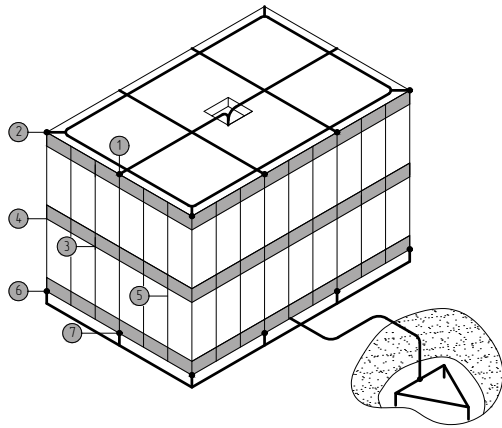


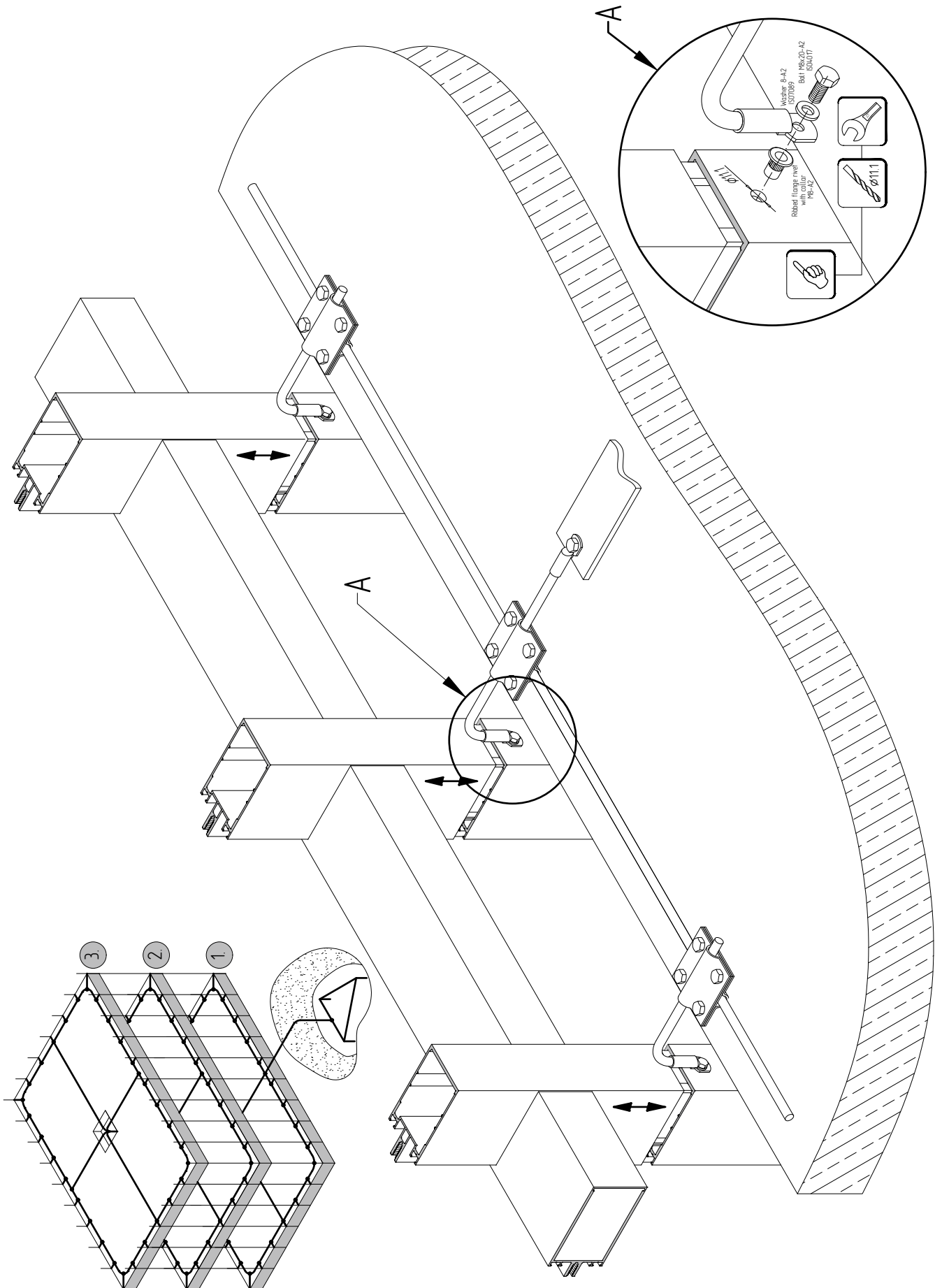
Mounting of the AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254 transoms to the mullion profile



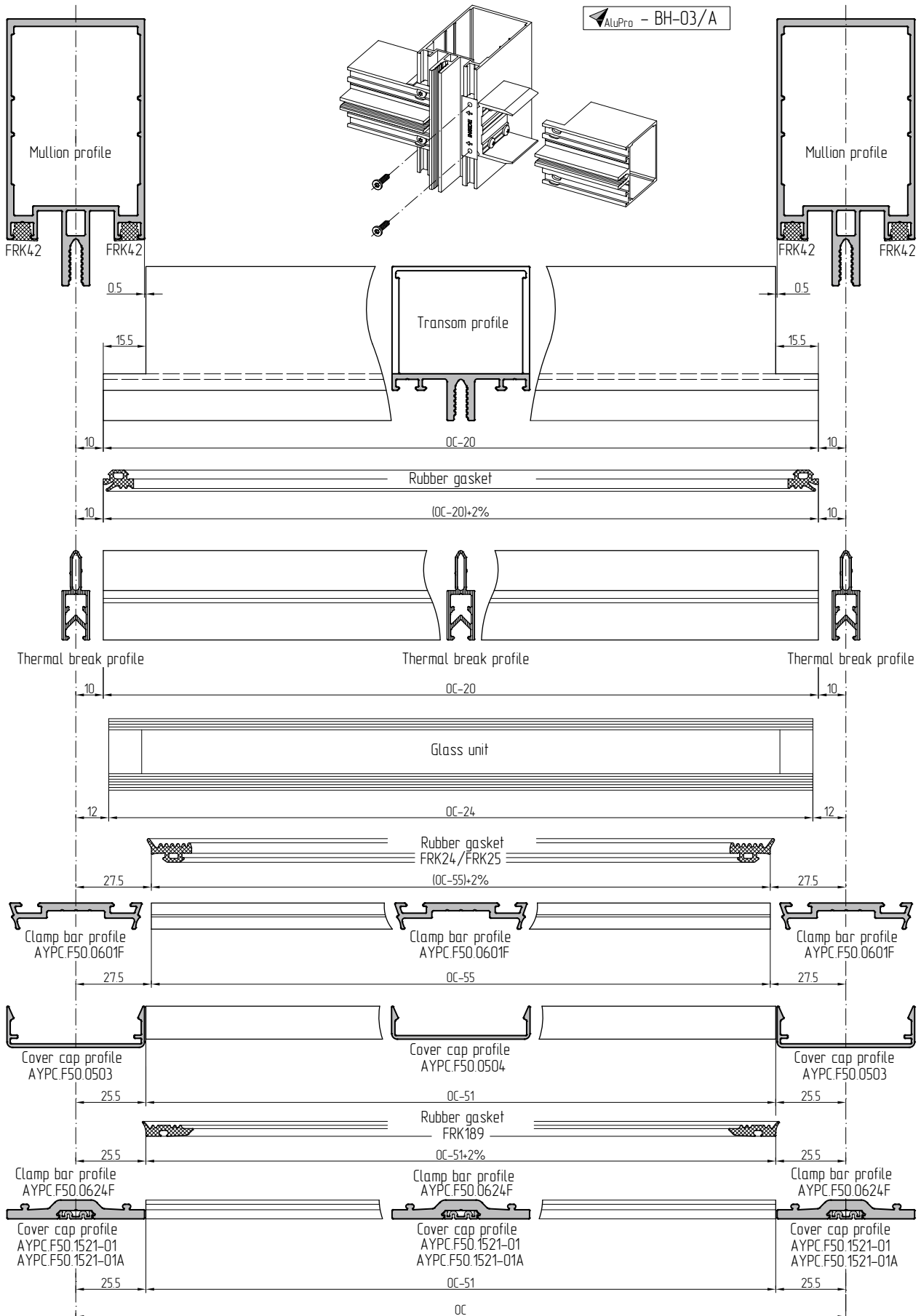
Mounting of the AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254 transoms to the mullion profile



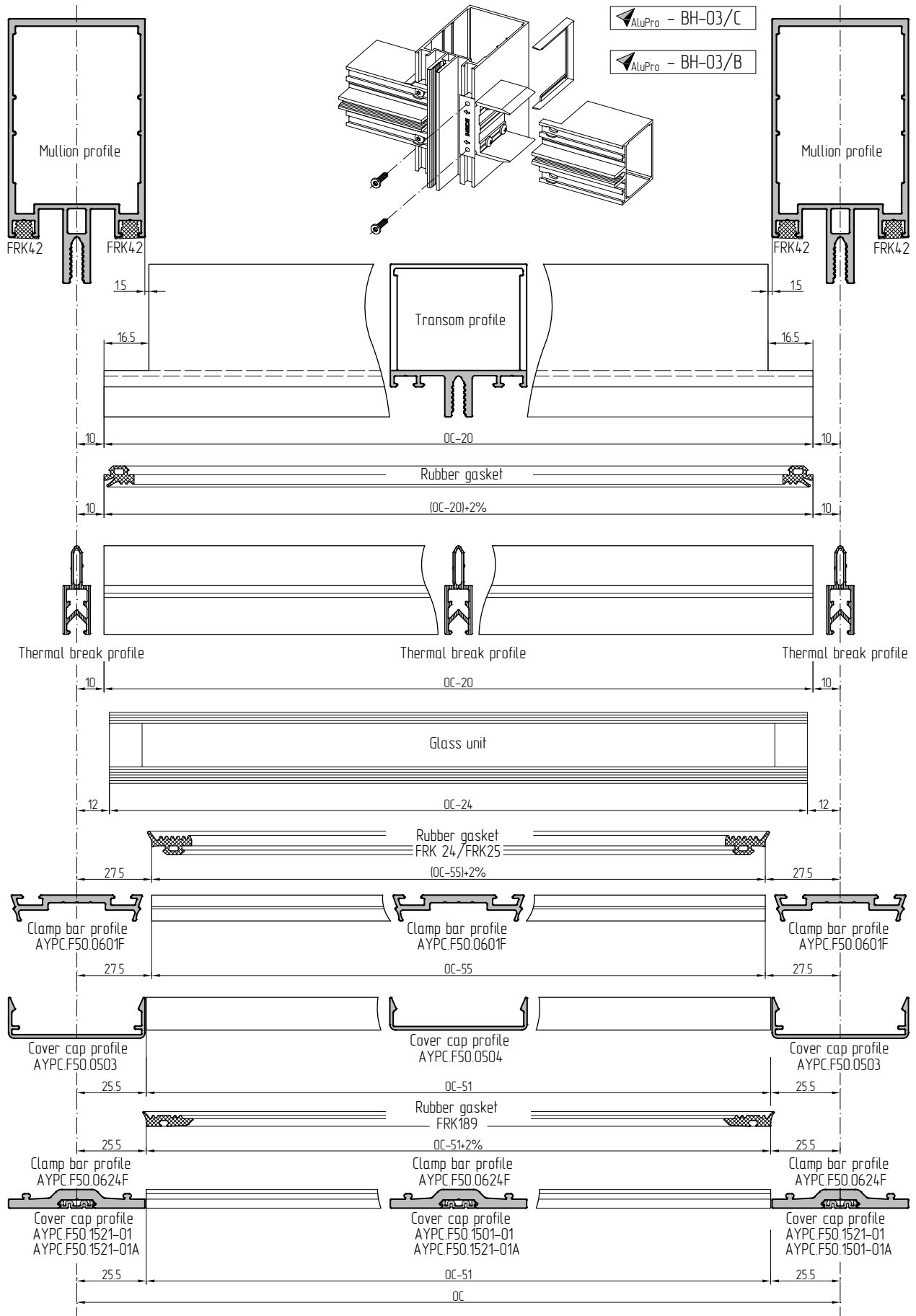




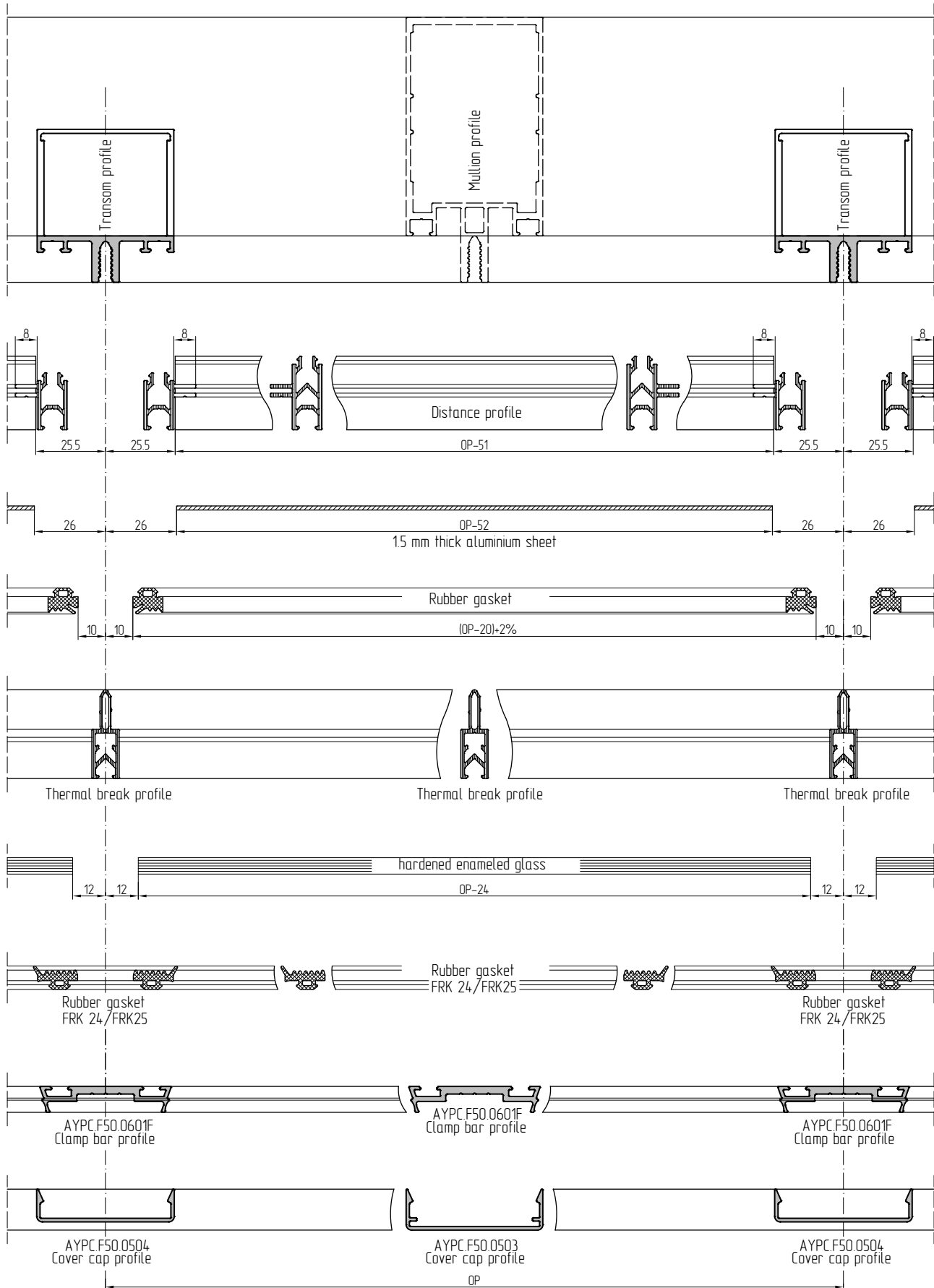
Notch connection of mullions and transoms without mounting plastic edge plugs



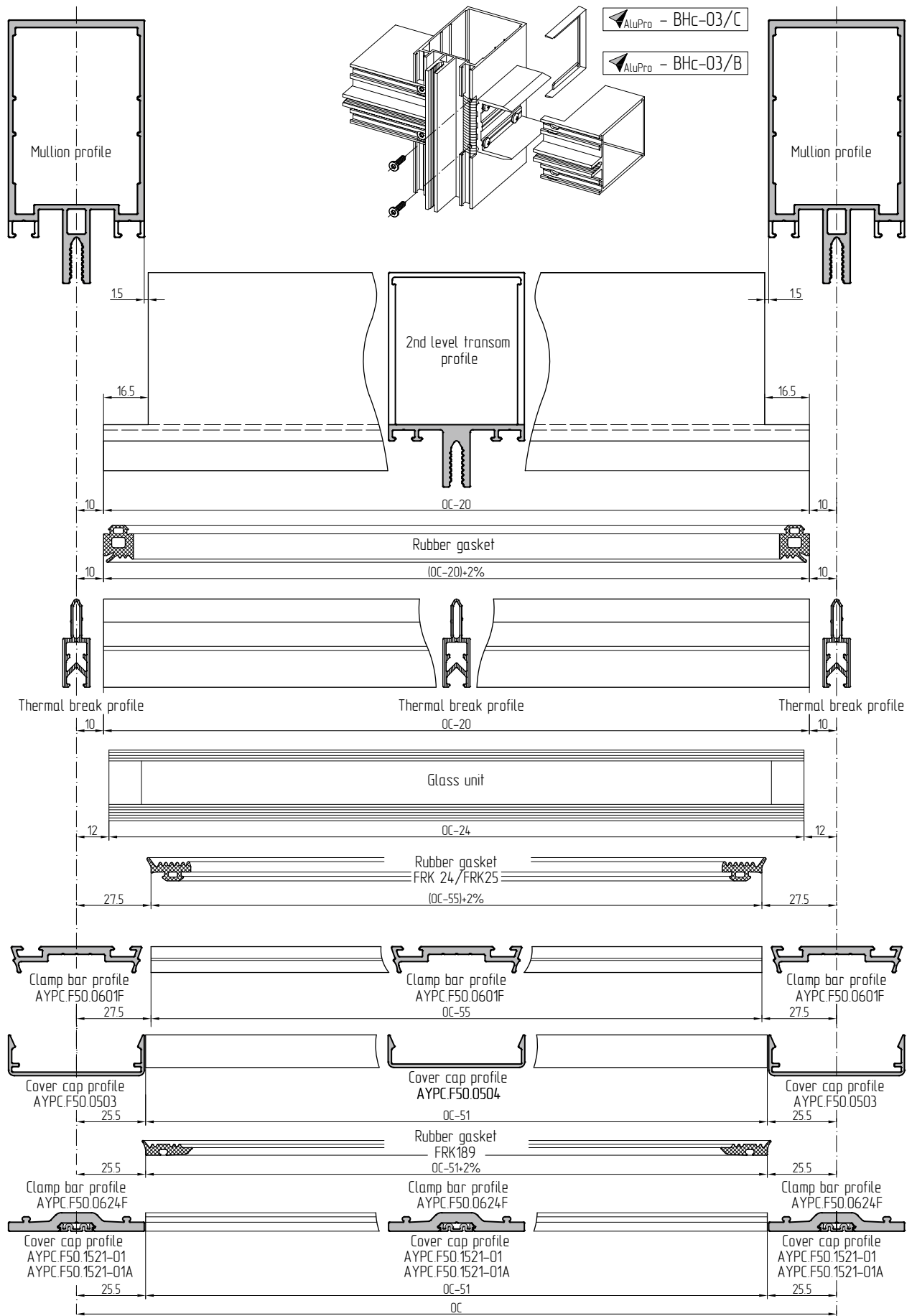
Notch connection of Mullions and transoms with mounting of plastic transom end plugs and plugs made of foamed EPDM



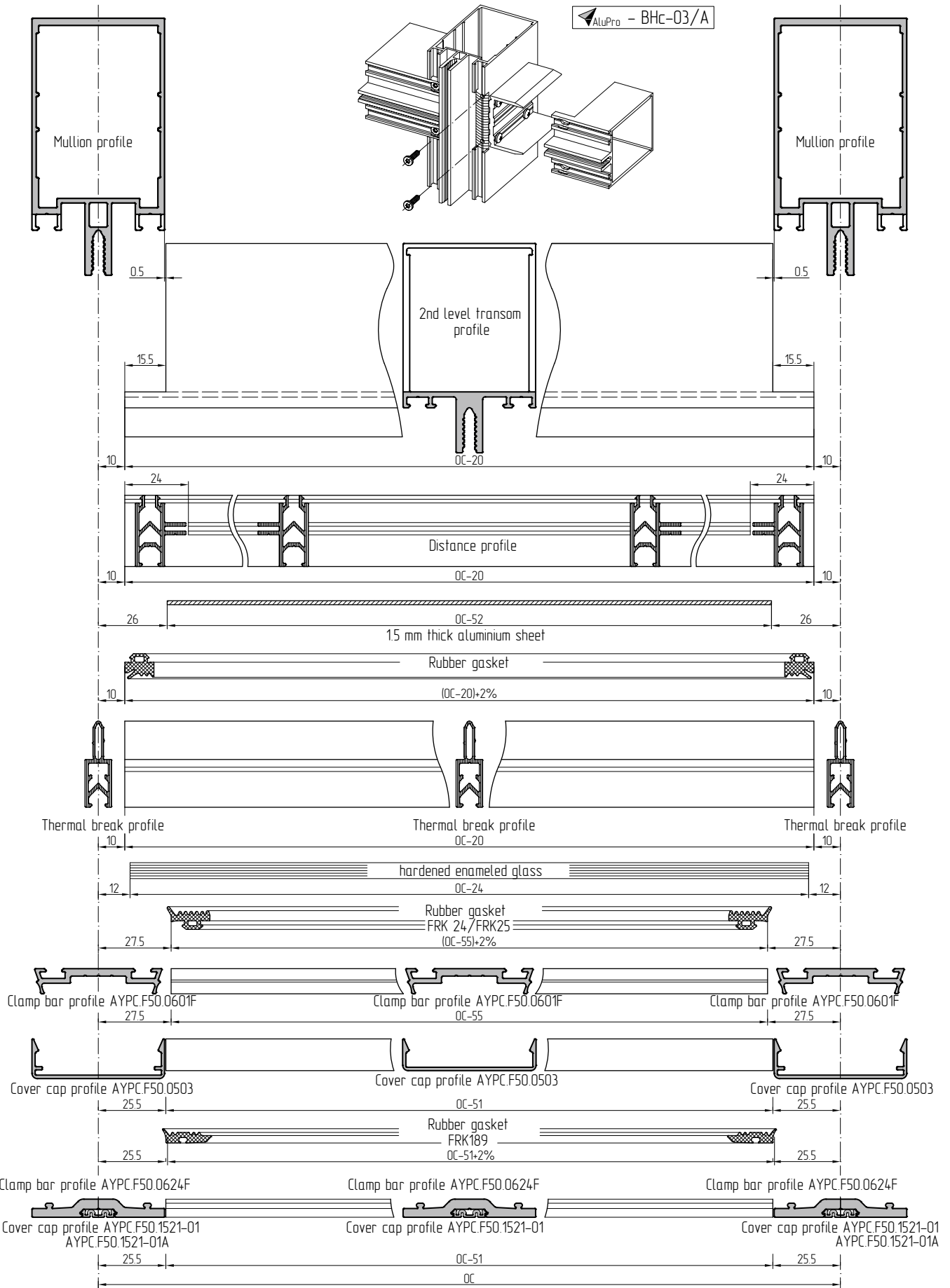
Notch connection of Mullions and transoms at the opaque part of facade



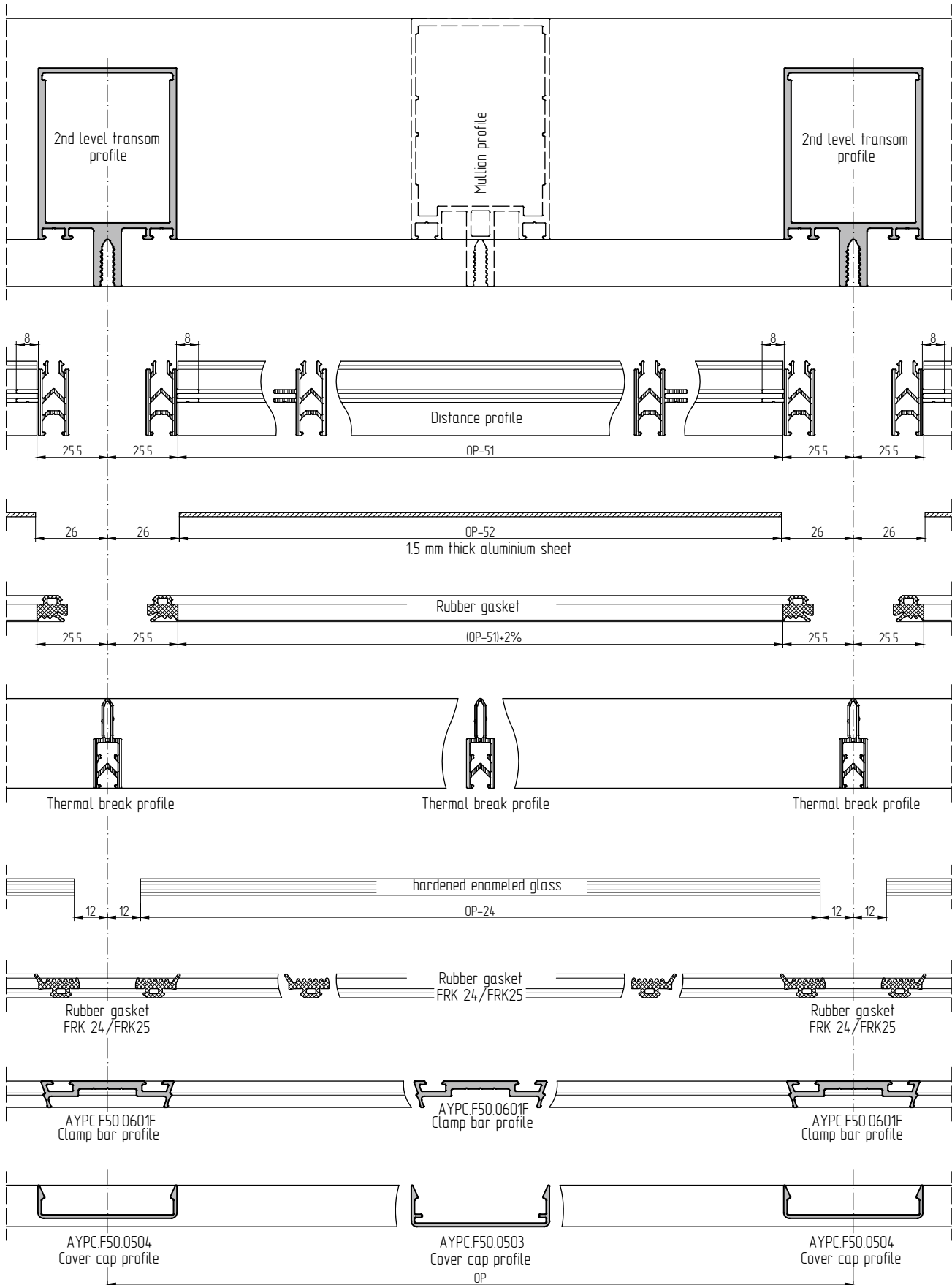
Notch connection of mullions and transoms with mounting of plastic transom end plugs and plugs made of foamed EPDM



Notch connection of mullions and transoms at the opaque part of facade without mounting edge plugs



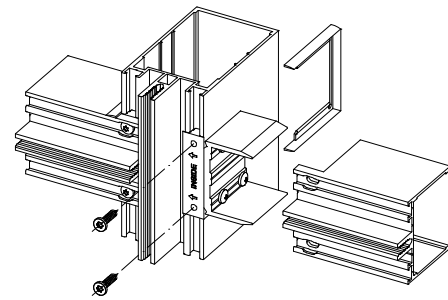
Notch connection of mullions and transoms at the opaque part of the facade



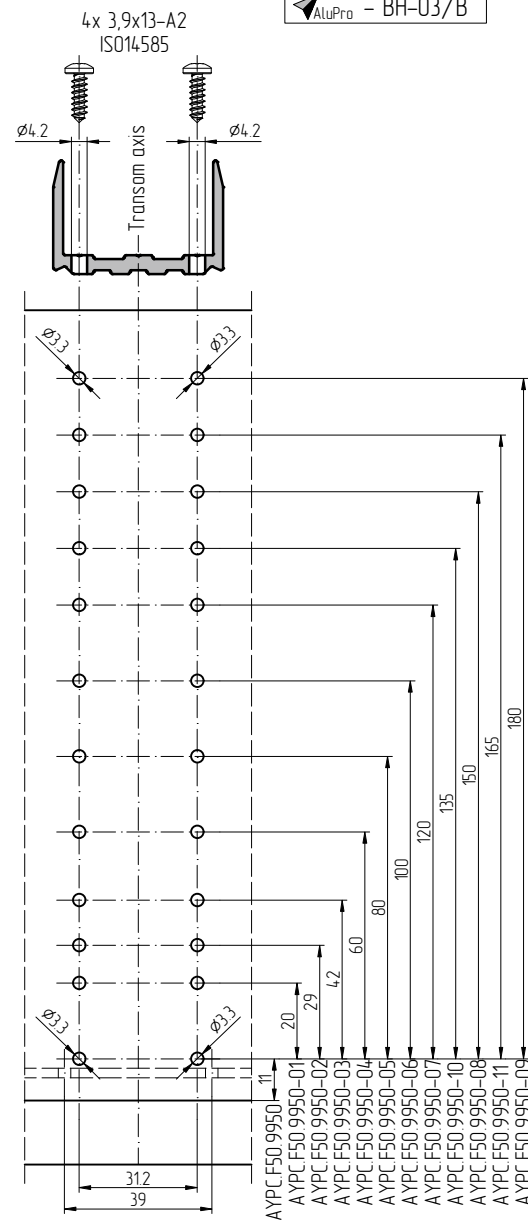
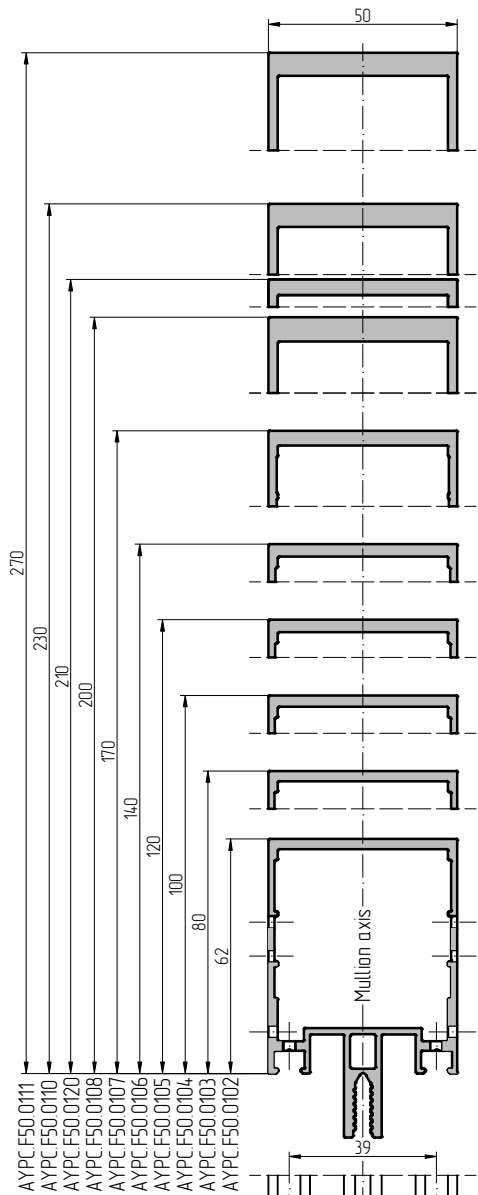
Processing of mullions for joining elements mounting.
Notch connection of mullions and transoms 6 mm

Sealing plate FRK42
For connection of mullion and transom:
notch connection 6 mm

Assemble after mullion processing



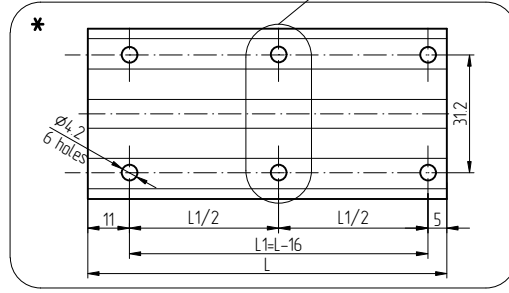
AluPro - BH-03/B



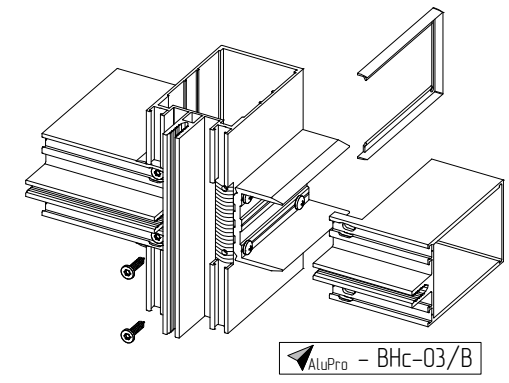
Joining element made from AYPC.F50.0405 profile

Article	Length L, mm	For transom
AYPC.F50.9950	16	AYPC.F50.0203
AYPC.F50.9950-01	36	AYPC.F50.0204
AYPC.F50.9950-02	45	AYPC.F50.0214
AYPC.F50.9950-03	58	AYPC.F50.0205
AYPC.F50.9950-04	76	AYPC.F50.0206
AYPC.F50.9950-05*	96	AYPC.F50.0207 AYPC.F50.0248
AYPC.F50.9950-06*	116	AYPC.F50.0208 AYPC.F50.0249
AYPC.F50.9950-07*	136	AYPC.F50.0209
AYPC.F50.9950-08*	166	AYPC.F50.0210
AYPC.F50.9950-09*	196	AYPC.F50.0211 AYPC.F50.0221
AYPC.F50.9950-10*	151	AYPC.F50.0218
AYPC.F50.9950-11*	181	AYPC.F50.0219

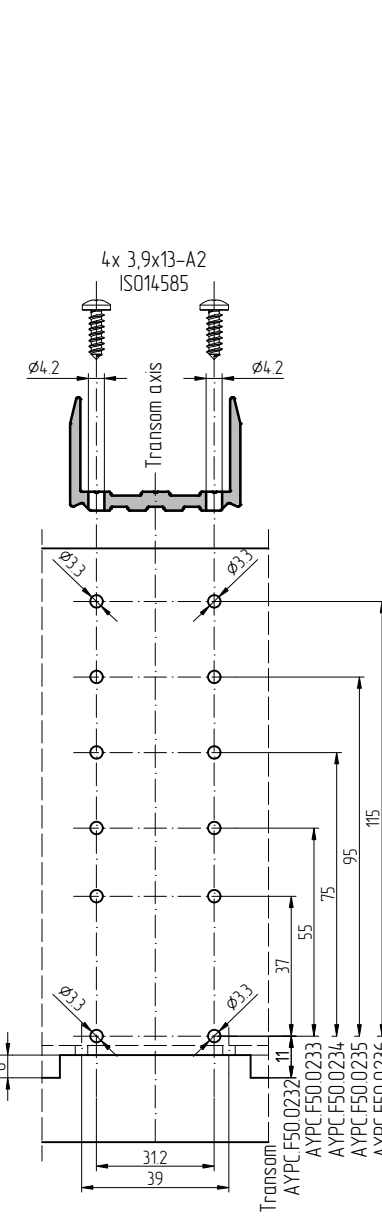
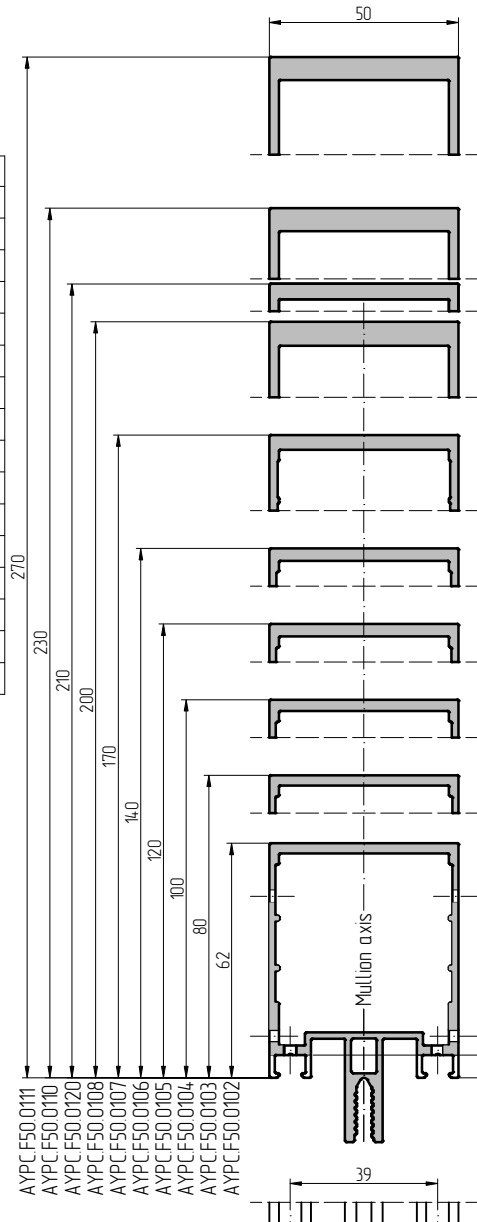
* If flatness error is detected additional holes for fixing are recommended. Please provide mullion machining locally



Processing of mullions for joining elements mounting.
Notch connection mullions and transoms of the 2 level 6 mm

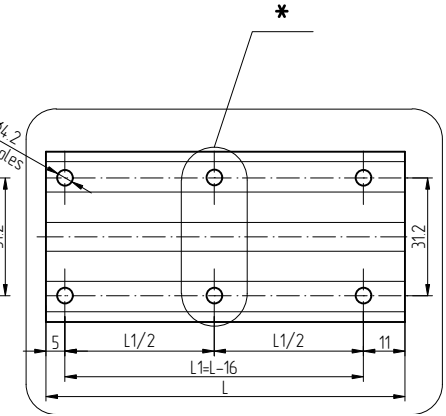


AluPro - BHC-03/B



Joining element made from profile AYPC.F50.0405

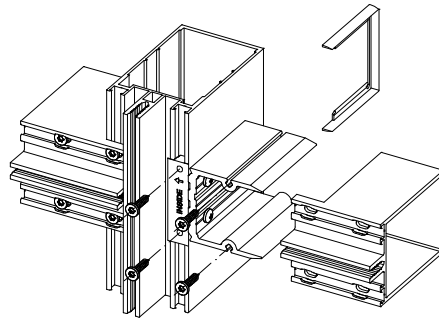
Length L, mm	For transom of the 2 level
53	AYPC.F50.0232
71	AYPC.F50.0233
91*	AYPC.F50.0234
111*	AYPC.F50.0235
131*	AYPC.F50.0236



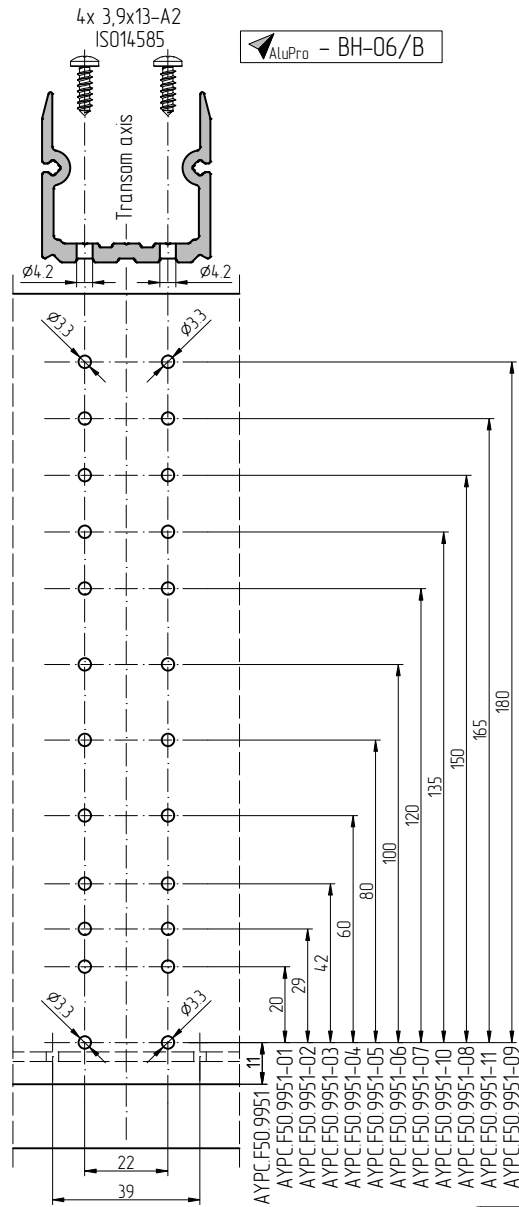
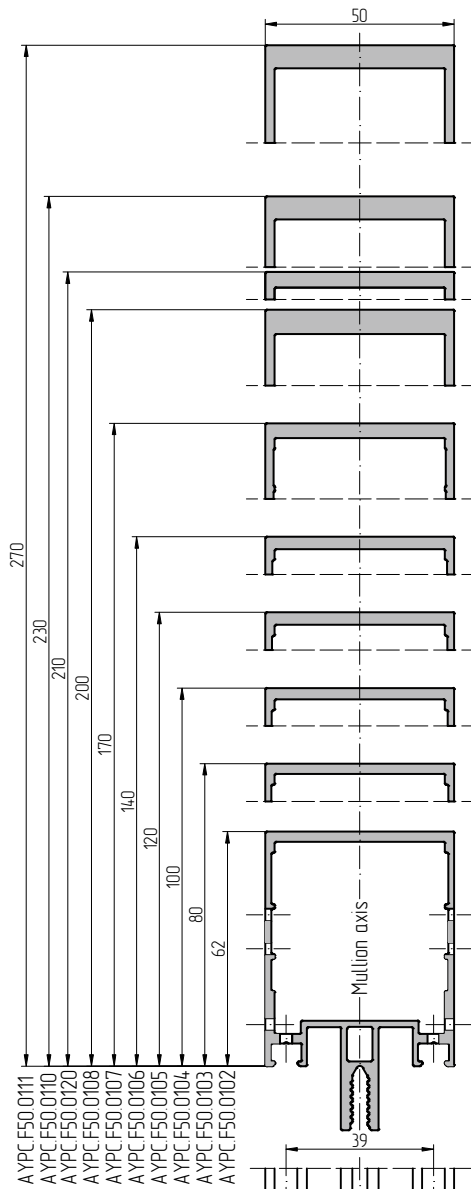
Sealing plate FRK42
For connection of mullion and transom notch connection 6 mm

Assemble after mullion processing

Processing of mullions for joining elements mounting.
Notch connection of mullions and transoms 6 mm



AluPro - BH-06/B

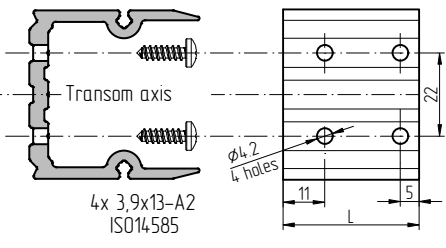
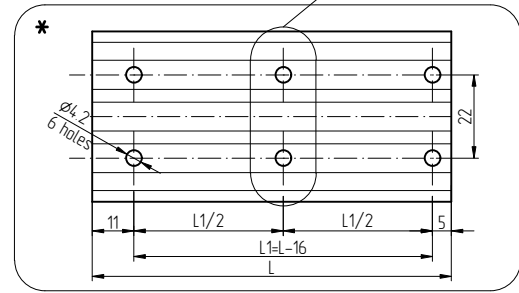


Joining element made from profile AYPC.F50.0413

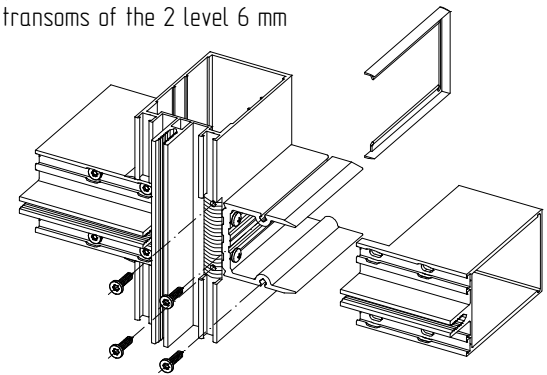
Article	Length L, mm	For transom
AYPC.F50.9951	16	AYPC.F50.0203
AYPC.F50.9951-01	36	AYPC.F50.0204
AYPC.F50.9951-02	45	AYPC.F50.0214
AYPC.F50.9951-03	58	AYPC.F50.0205
AYPC.F50.9951-04	76	AYPC.F50.0206
AYPC.F50.9951-05*	96	AYPC.F50.0207 AYPC.F50.0248
AYPC.F50.9951-06*	116	AYPC.F50.0208 AYPC.F50.0249
AYPC.F50.9951-07*	136	AYPC.F50.0209
AYPC.F50.9951-08*	166	AYPC.F50.0210
AYPC.F50.9951-09*	196	AYPC.F50.0211 AYPC.F50.0221
AYPC.F50.9951-10*	151	AYPC.F50.0218
AYPC.F50.9951-11*	181	AYPC.F50.0219

* >0.5 >0.5

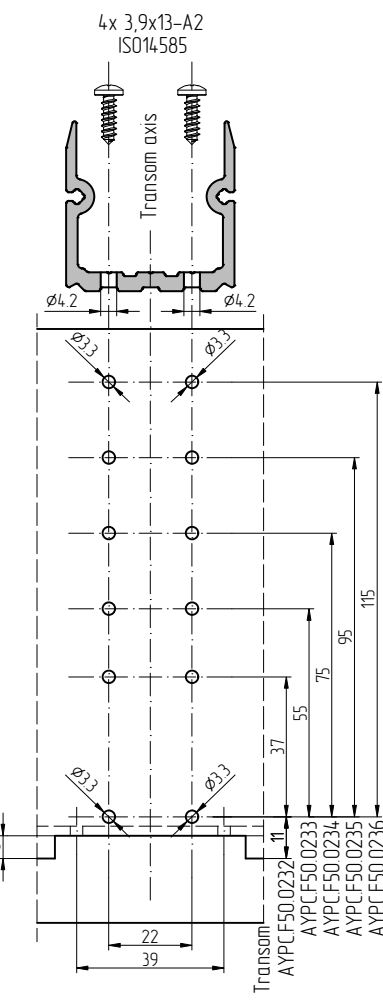
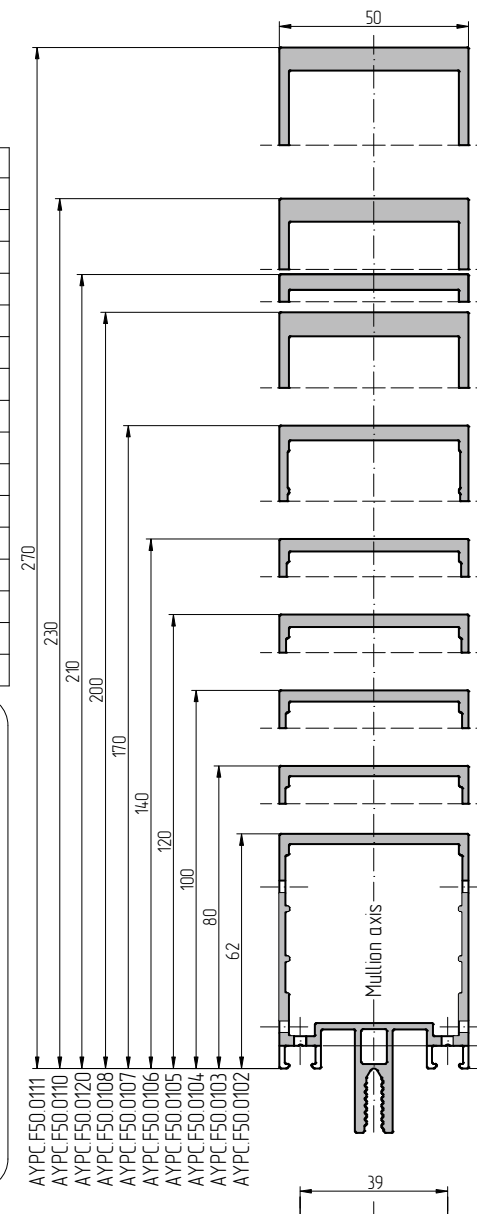
If flatness error is detected additional holes for fixing are recommended. Please provide mullion machining locally



Processing of mullions for joining elements mounting.
Notch connection mullions and transoms of the 2 level 6 mm

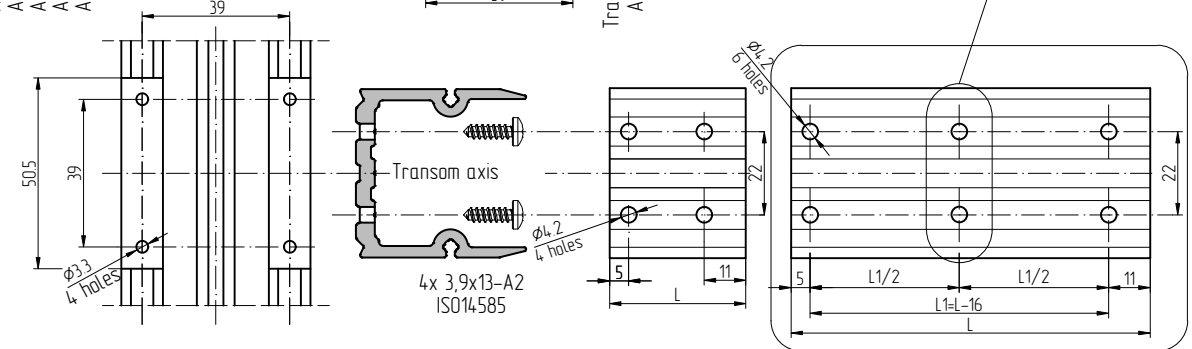


AluPro - BHC-06/B



Joining element made from profile AYPC.F50.0413

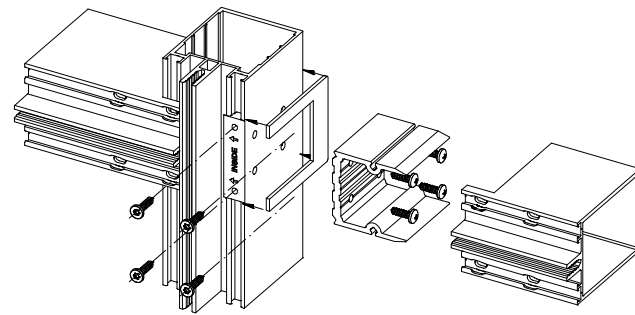
Length L, mm	For transom of the 2 level
53	AYPC.F50.0232
71	AYPC.F50.0233
91*	AYPC.F50.0234
111*	AYPC.F50.0235
131*	AYPC.F50.0236



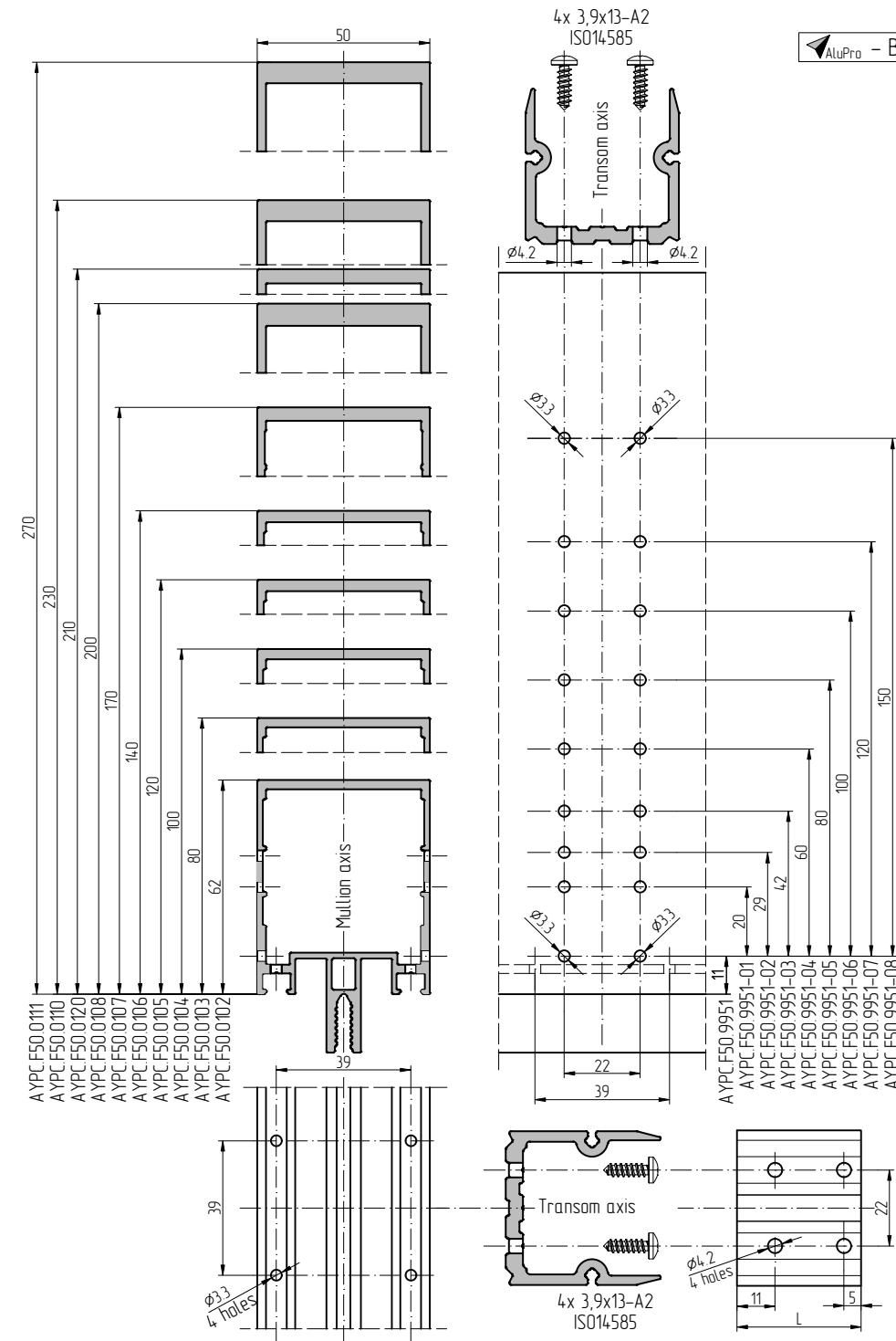
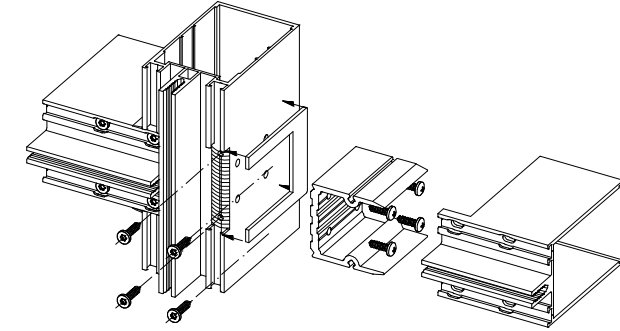
Sealing plate FRK42
For connection of mullion and transom notch connection 6 mm

Assemble after mullion processing

Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Overlapped connection of mullions and transoms



Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Connection of mullions and 2nd-level transoms, overlapped milling 6 mm

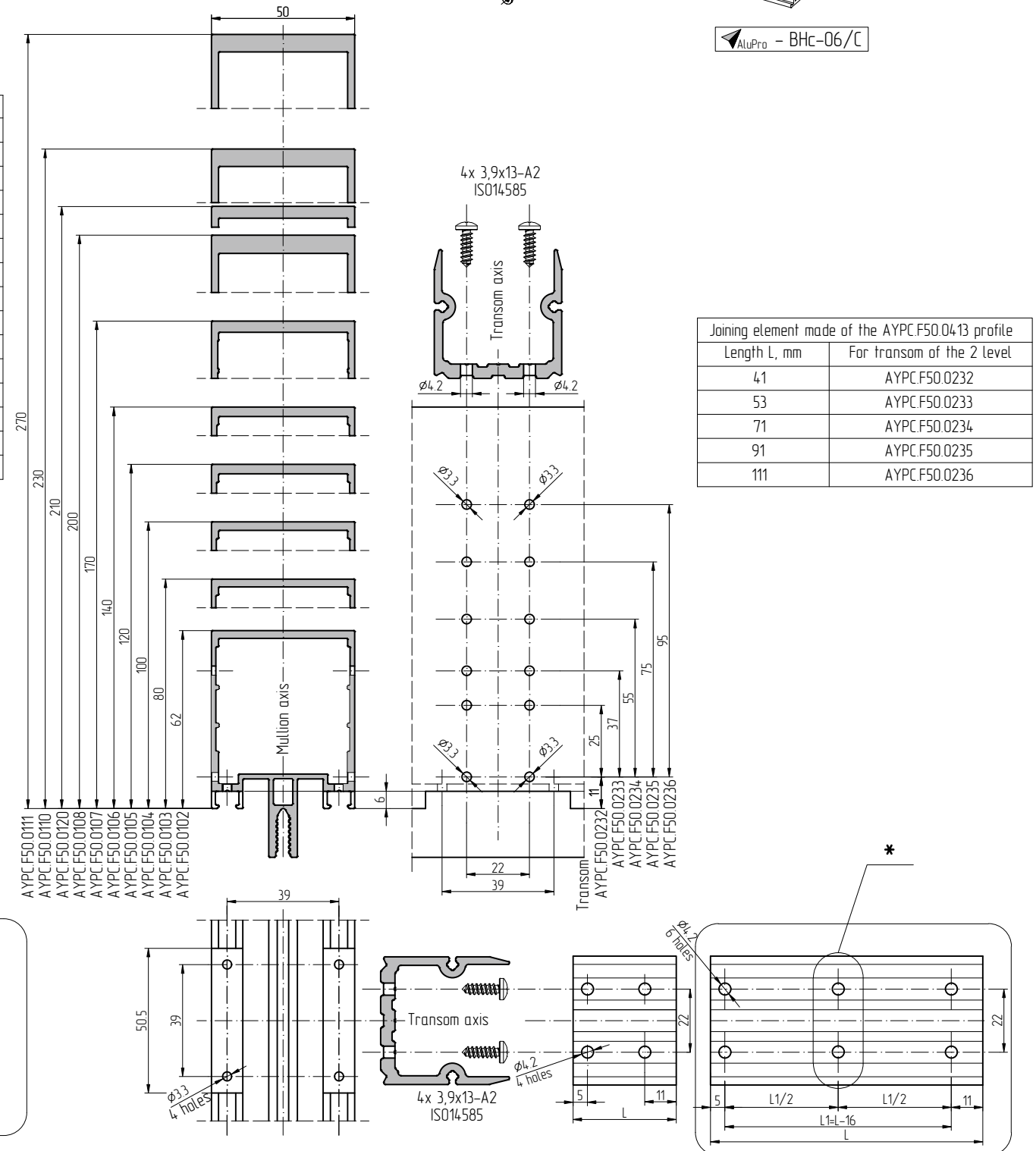
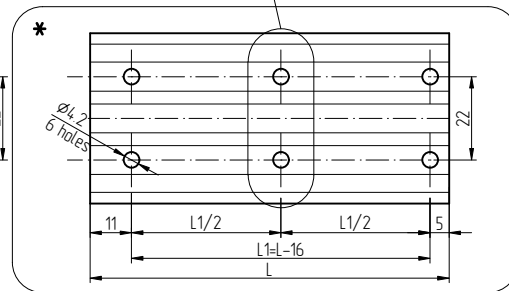


Joining element made of the AYPC.F50.0413 profile

Article	Length L, mm	For transom
AYPC.F50.9951	16	AYPC.F50.0204
AYPC.F50.9951-01	36	AYPC.F50.0214
AYPC.F50.9951-02	45	AYPC.F50.0205
AYPC.F50.9951-03	58	AYPC.F50.0206
AYPC.F50.9951-04	76	AYPC.F50.0207
AYPC.F50.9951-05*	96	AYPC.F50.0248
		AYPC.F50.0208
AYPC.F50.9951-06*	116	AYPC.F50.0209
		AYPC.F50.0249
AYPC.F50.9951-07*	136	AYPC.F50.0210
AYPC.F50.9951-08*	166	AYPC.F50.0211
		AYPC.F50.0221
AYPC.F50.9951-06*	116	AYPC.F50.0218
AYPC.F50.9951-07*	136	AYPC.F50.0219

* >0.5 >0.5

If flatness error is detected additional holes for fixing are recommended. Please provide mullion machining locally



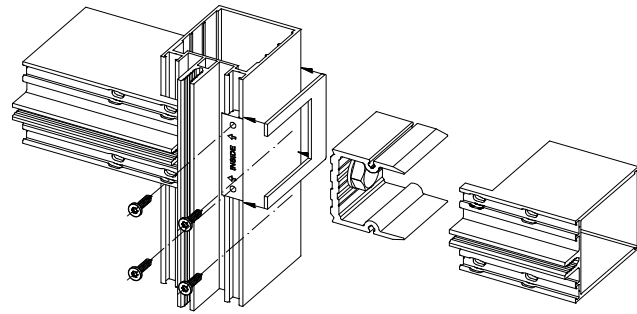
Joining element made of the AYPC.F50.0413 profile

Length L, mm	For transom of the 2 level
41	AYPC.F50.0232
53	AYPC.F50.0233
71	AYPC.F50.0234
91	AYPC.F50.0235
111	AYPC.F50.0236

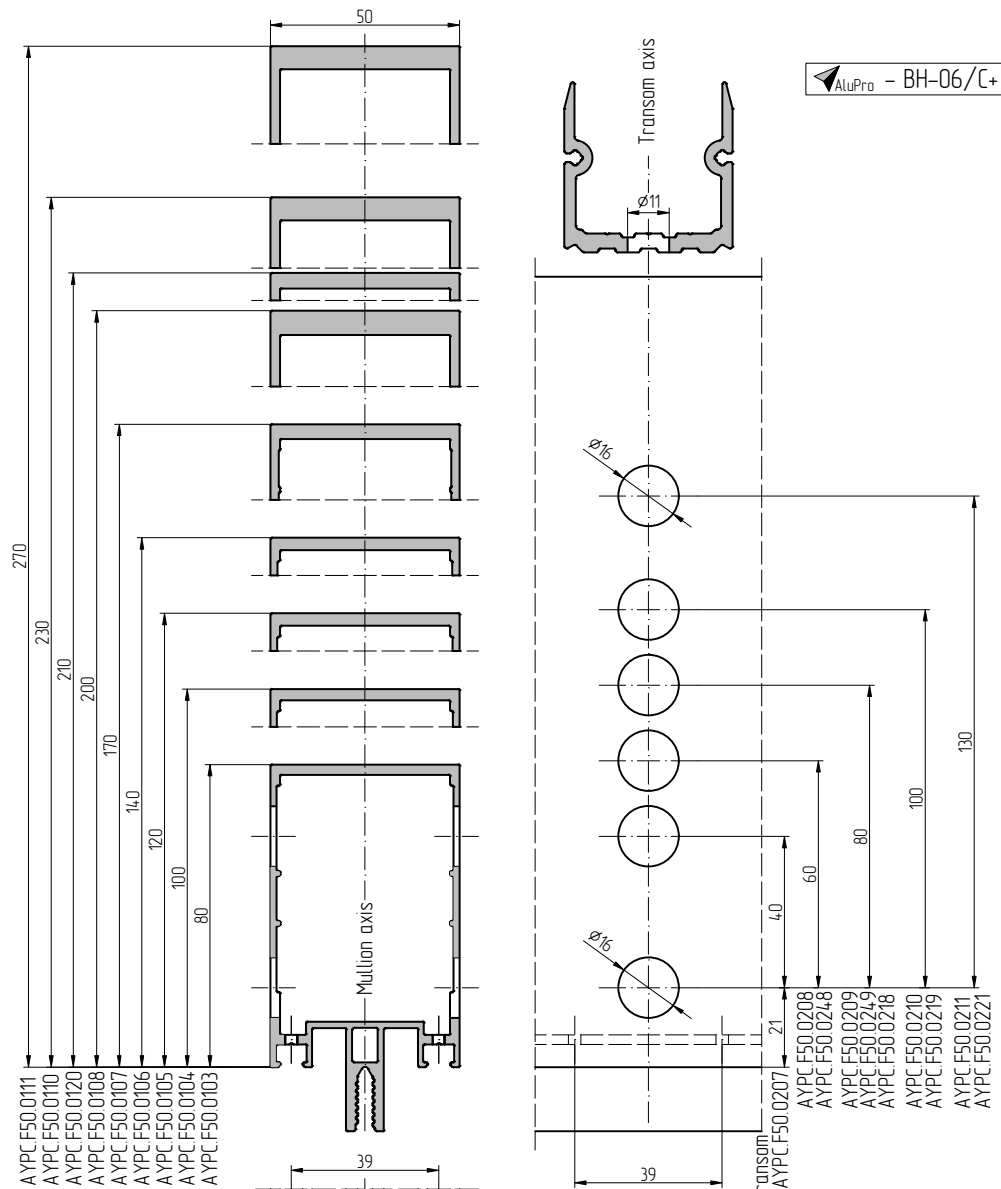
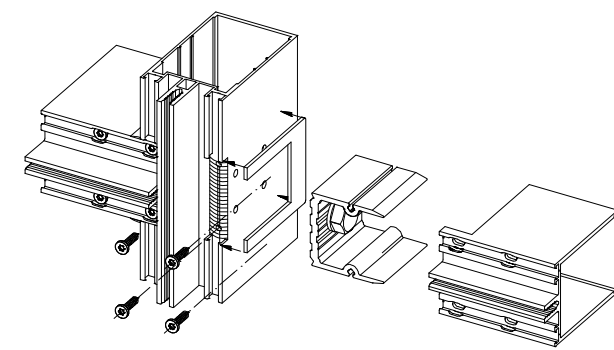
Sealing plate FRK42
For connection of mullion and transom
notch connection 6 mm

Assemble after mullion processing

Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Overlapped connection of mullions and transoms 6 mm

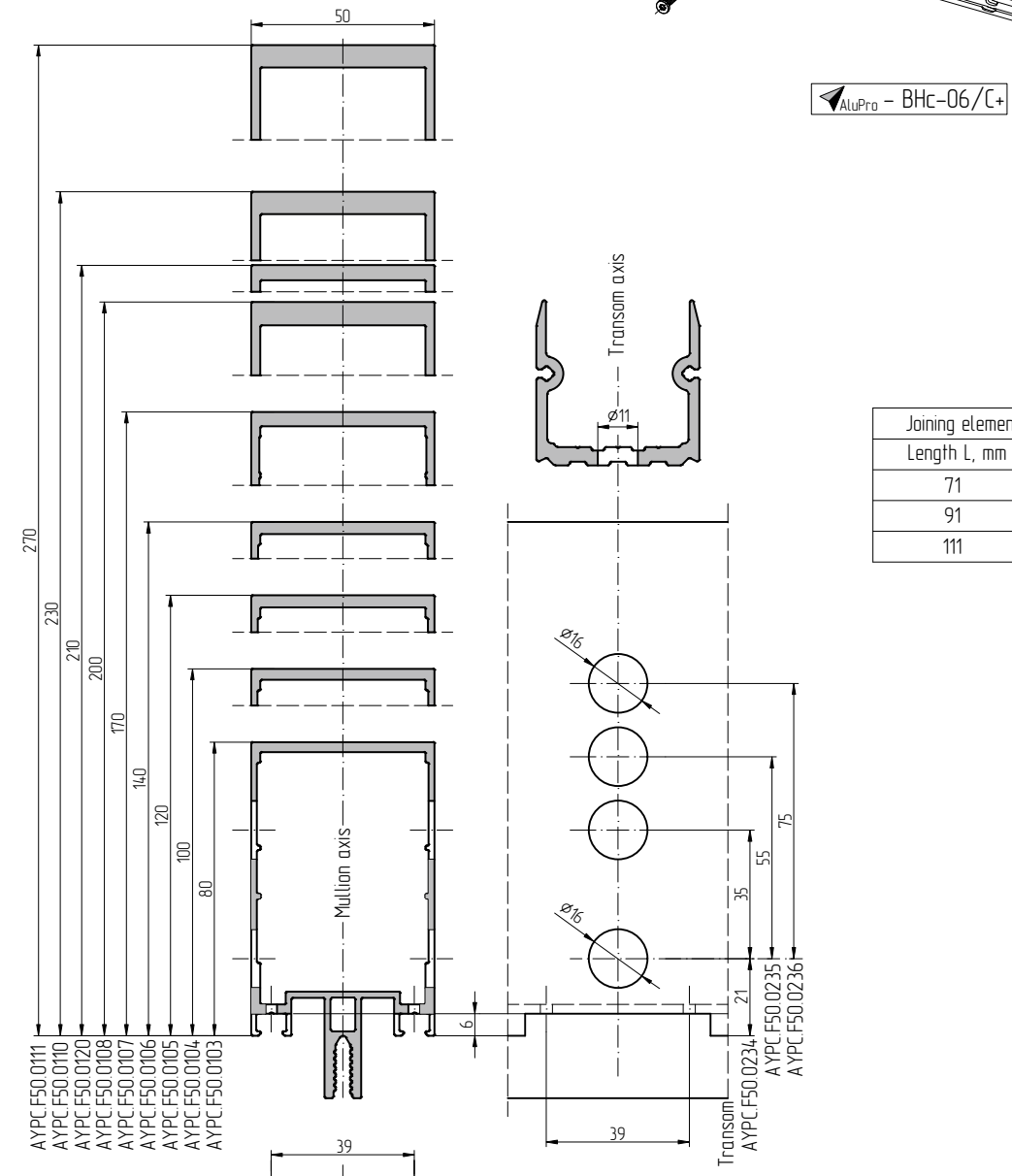


Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Connection of mullions and 2nd-level transoms, overlapped milling 6 mm



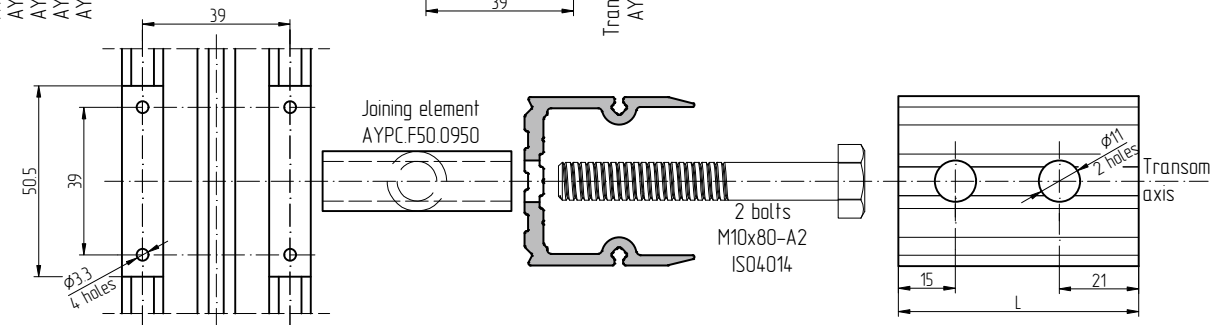
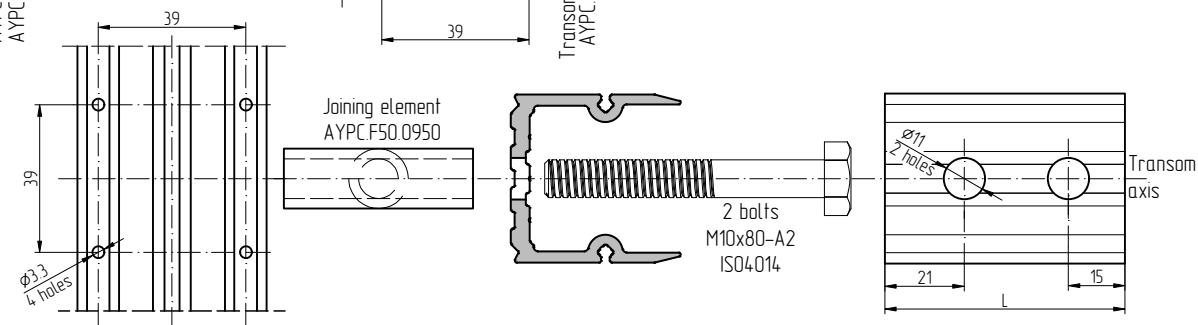
Joinin element made of AYPC.F50.0413 profile

Length L, mm	For transom
76	AYPC.F50.0207
96	AYPC.F50.0248
	AYPC.F50.0208
116	AYPC.F50.0249
	AYPC.F50.0209
136	AYPC.F50.0210
	AYPC.F50.0211
166	AYPC.F50.0221
	AYPC.F50.0218
136	AYPC.F50.0219



Joining element made of AYPC.F50.0413 profile

Length L, mm	For transom of the 2 level
71	AYPC.F50.0234
91	AYPC.F50.0235
111	AYPC.F50.0236

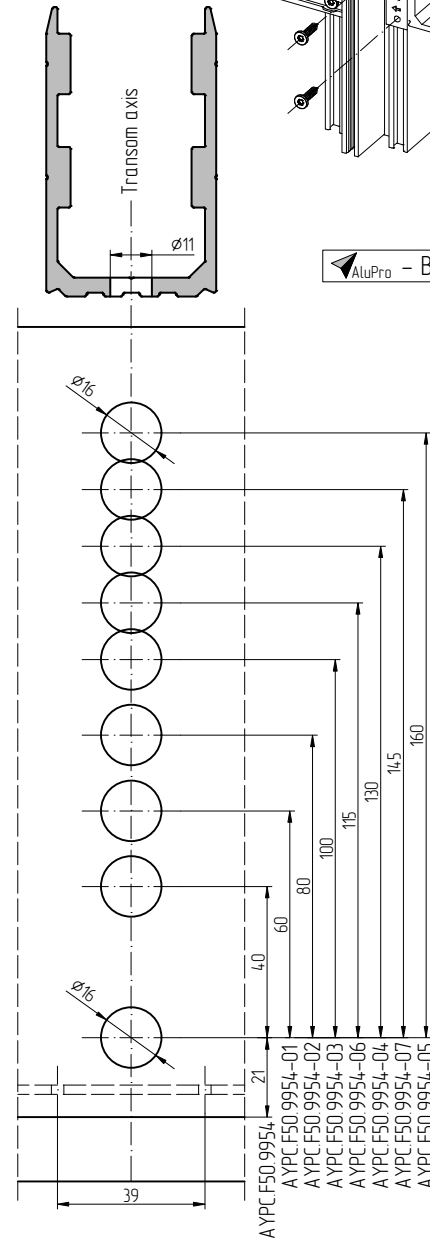
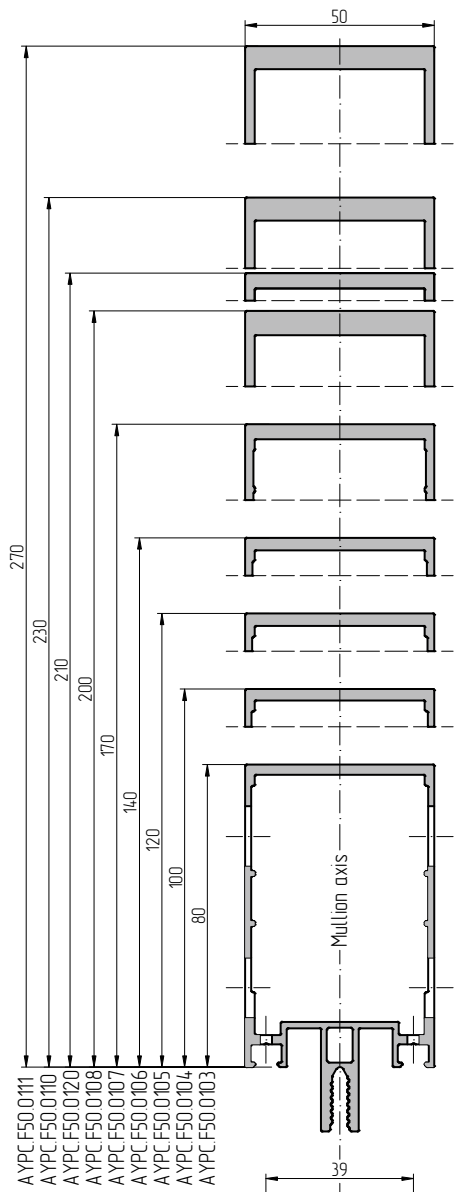
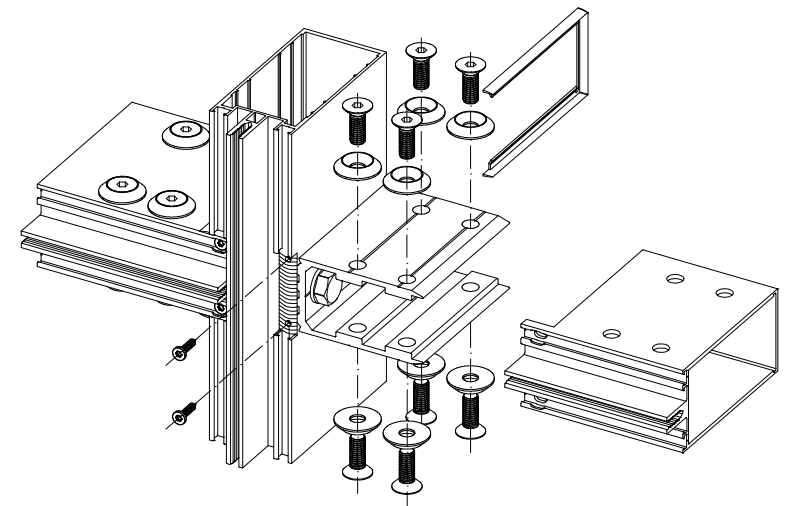
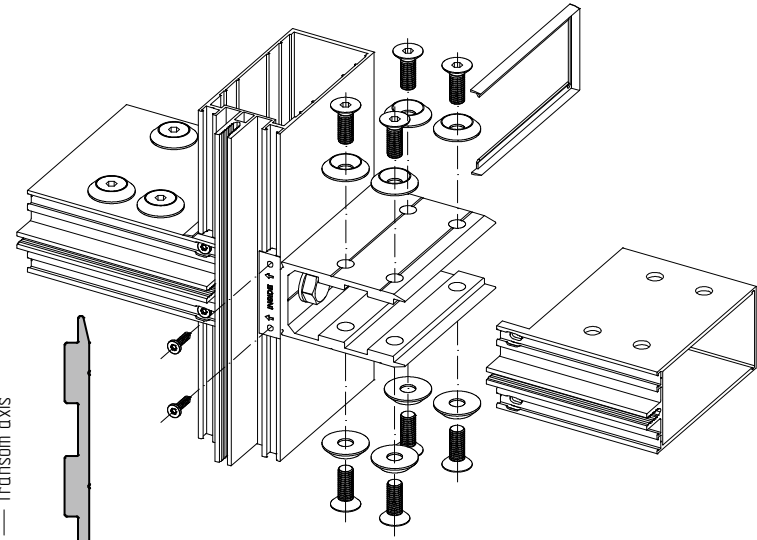


Processing of mullions for joining elements mounting. Notch connection of mullions and transoms 6 mm

Processing of mullions for joining elements mounting. Notch connection of mullions and transoms of the 2 level 6 mm

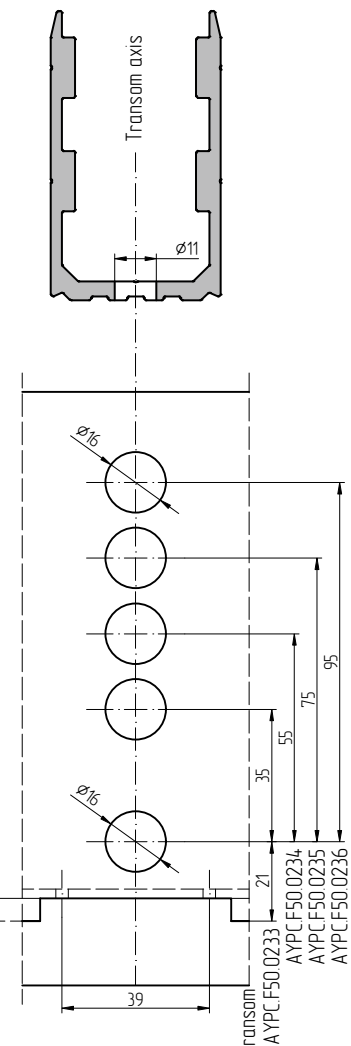
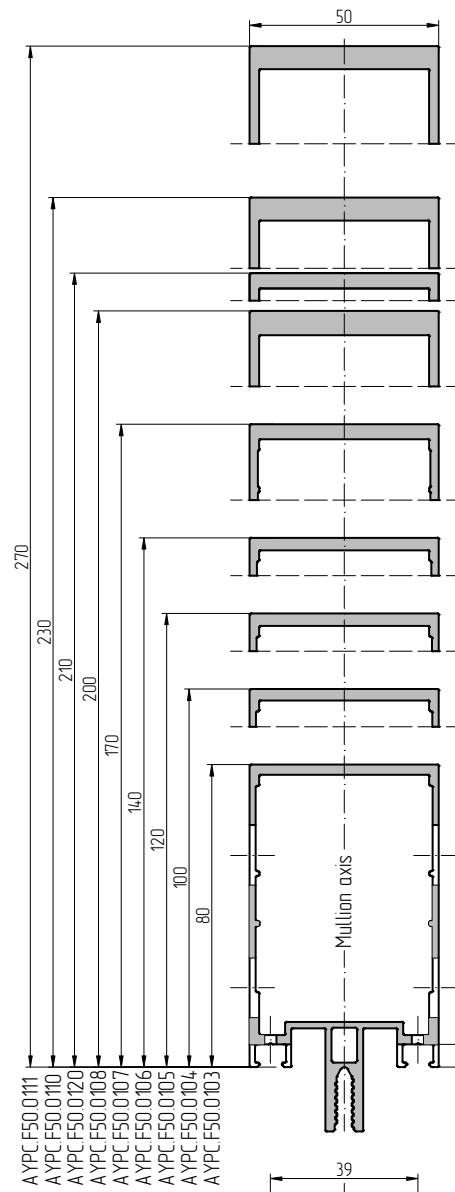
Sealing plate FRK42
For connection of mullion and transom notch connection 6 mm

Assemble after mullion processing



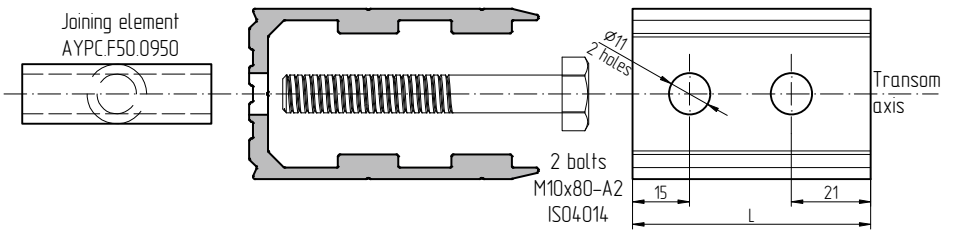
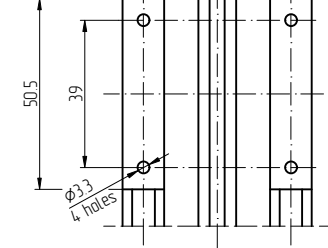
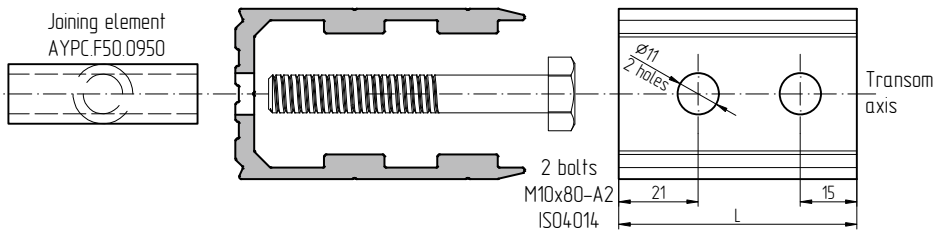
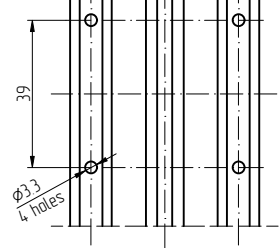
Joining element made from profile AYPC.F50.0407

Article	Length L, mm	For transom
AYPC.F50.9954	76	AYPC.F50.0206
AYPC.F50.9954-01	96	AYPC.F50.0207 AYPC.F50.0248
AYPC.F50.9954-02	116	AYPC.F50.0208 AYPC.F50.0249
AYPC.F50.9954-03	136	AYPC.F50.0209
AYPC.F50.9954-04	166	AYPC.F50.0210
AYPC.F50.9954-05	196	AYPC.F50.0211 AYPC.F50.0221
AYPC.F50.9954-06	151	AYPC.F50.0218
AYPC.F50.9954-07	181	AYPC.F50.0219



Joining element made from profile AYPC.F50.0407

Length L, mm	For transom of the 2 level
71	AYPC.F50.0233
91	AYPC.F50.0234
111	AYPC.F50.0235
131	AYPC.F50.0236

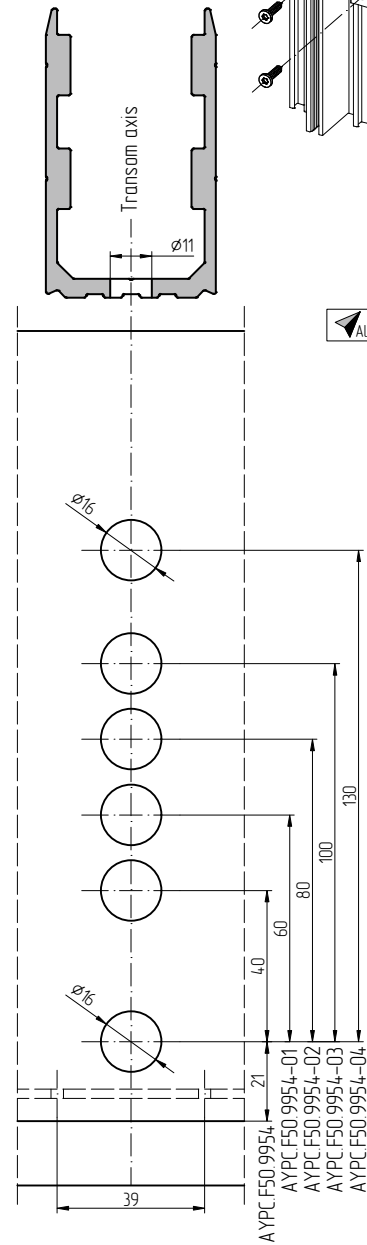
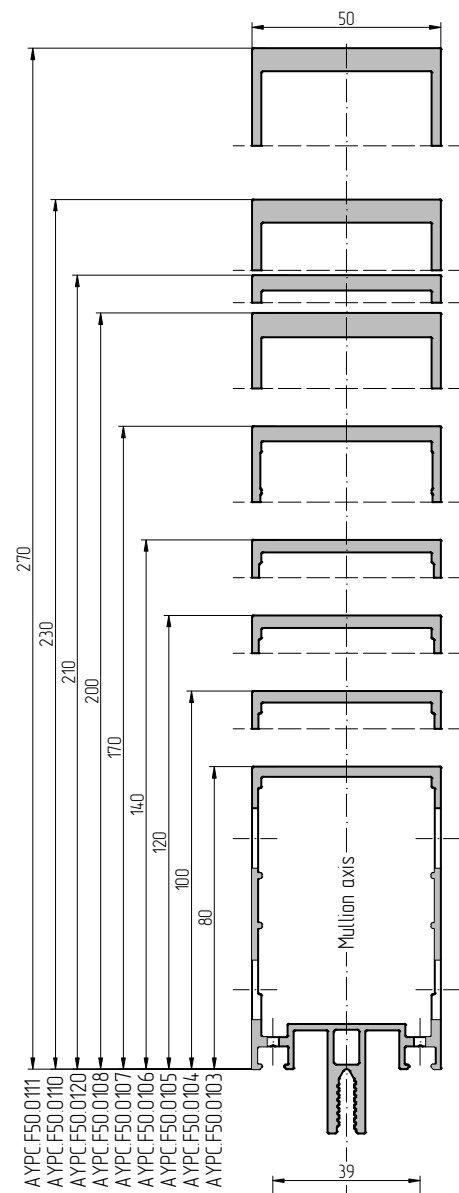


Sealing plate FRK42
For connection of mullion and transom:
notch connection 6 mm

Assemble after
mullion processing

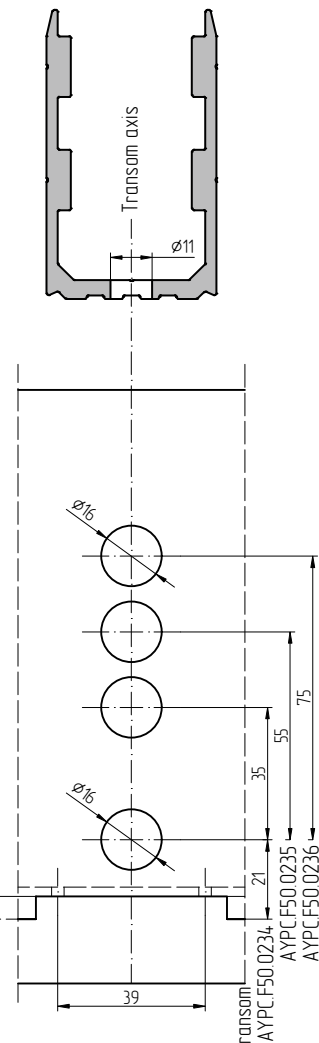
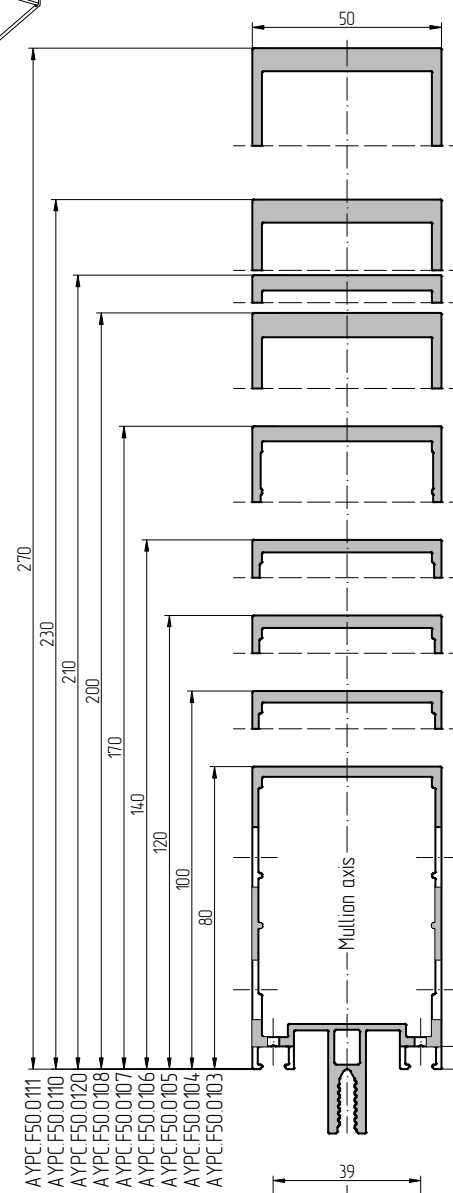
Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Overlapped connection of mullions and transoms 6 mm

Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Connection of mullions and 2nd-level transoms, overlapped milling 6 mm



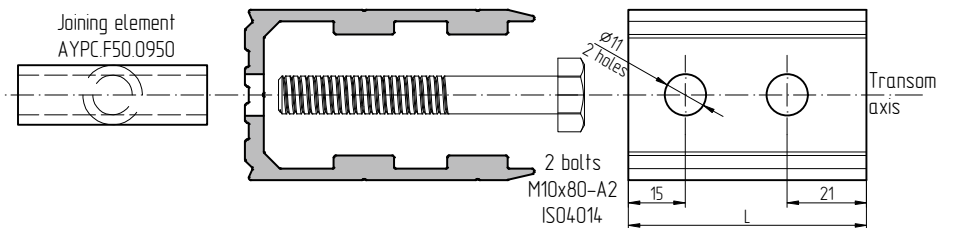
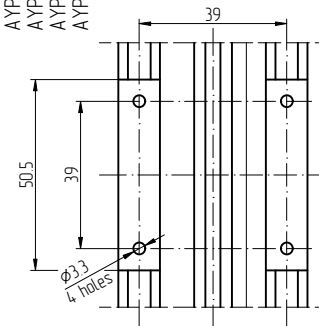
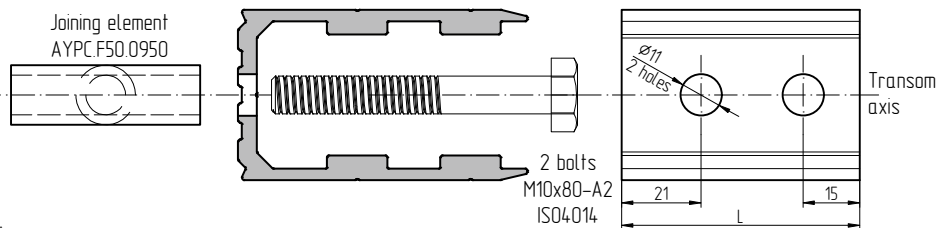
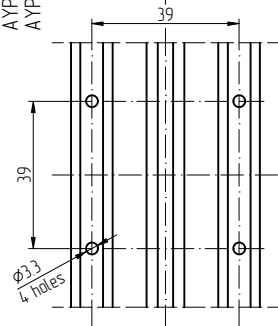
Joining element made of AYPC.F50.0407 profile

Article	Length L, mm	For transom
AYPC.F50.9954	76	AYPC.F50.0207
AYPC.F50.9954-01	96	AYPC.F50.0248
		AYPC.F50.0208
AYPC.F50.9954-02	116	AYPC.F50.0249
		AYPC.F50.0209
		AYPC.F50.0218
AYPC.F50.9954-03	136	AYPC.F50.0210
		AYPC.F50.0219
AYPC.F50.9954-04	166	AYPC.F50.0211
		AYPC.F50.0221



Joining element made of AYPC.F50.0407 profile

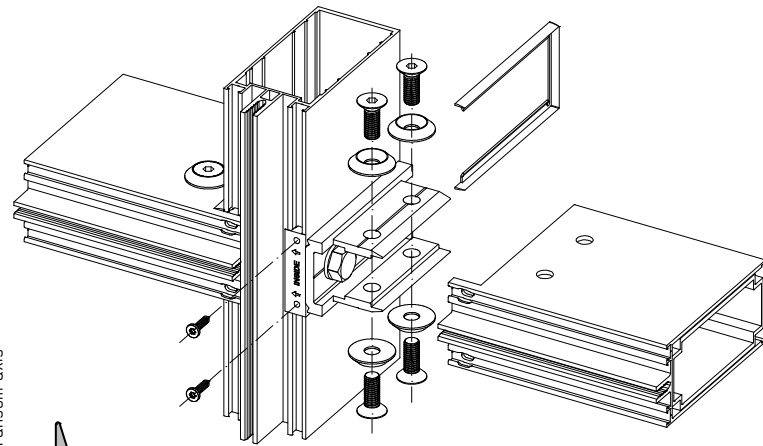
Length L, mm	For transom of the 2 level
71	AYPC.F50.0234
91	AYPC.F50.0235
111	AYPC.F50.0236



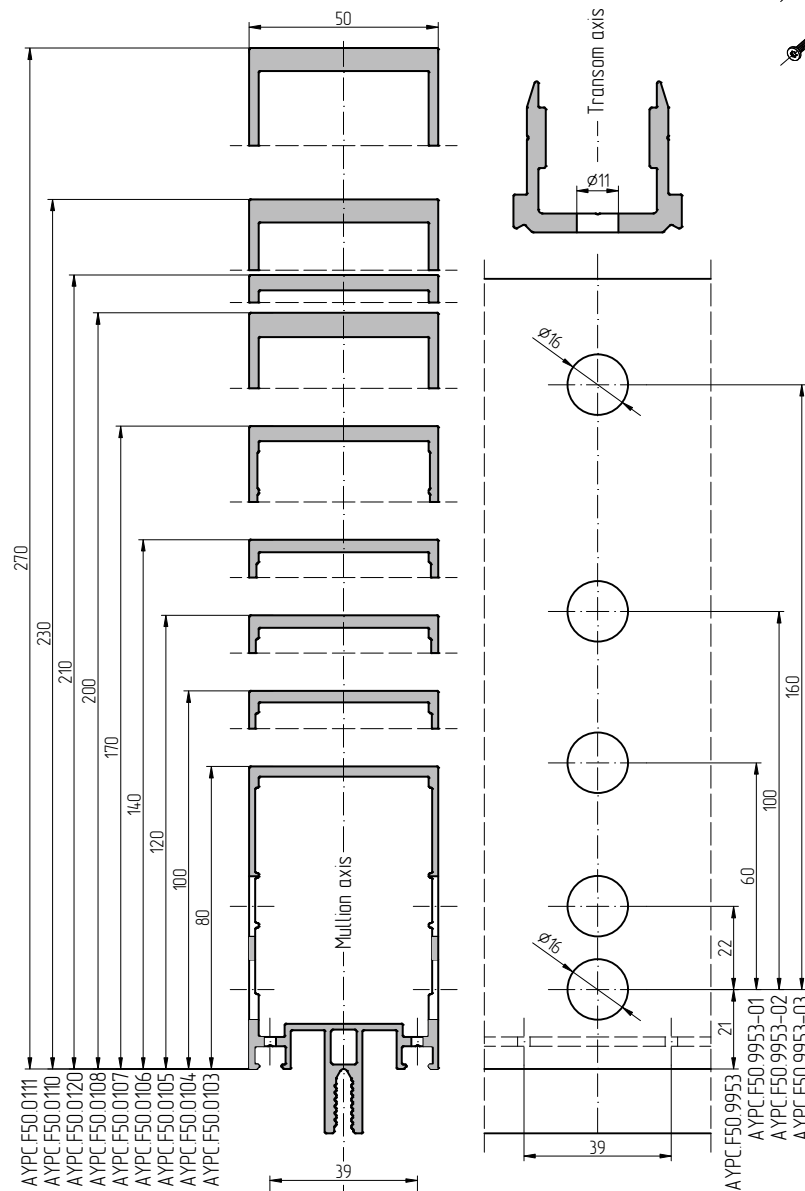
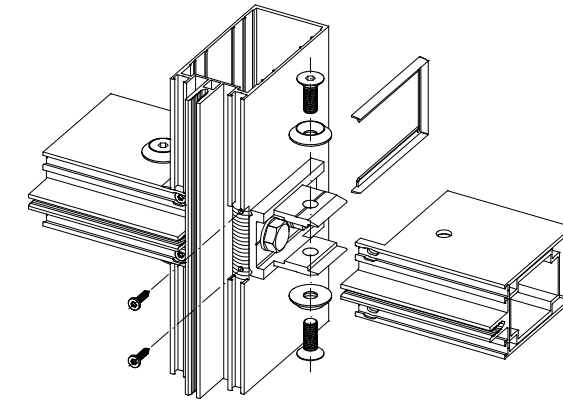
Sealing plate FRK42
For connection of mullion and transom notch connection 6 mm

Assemble after mullion processing

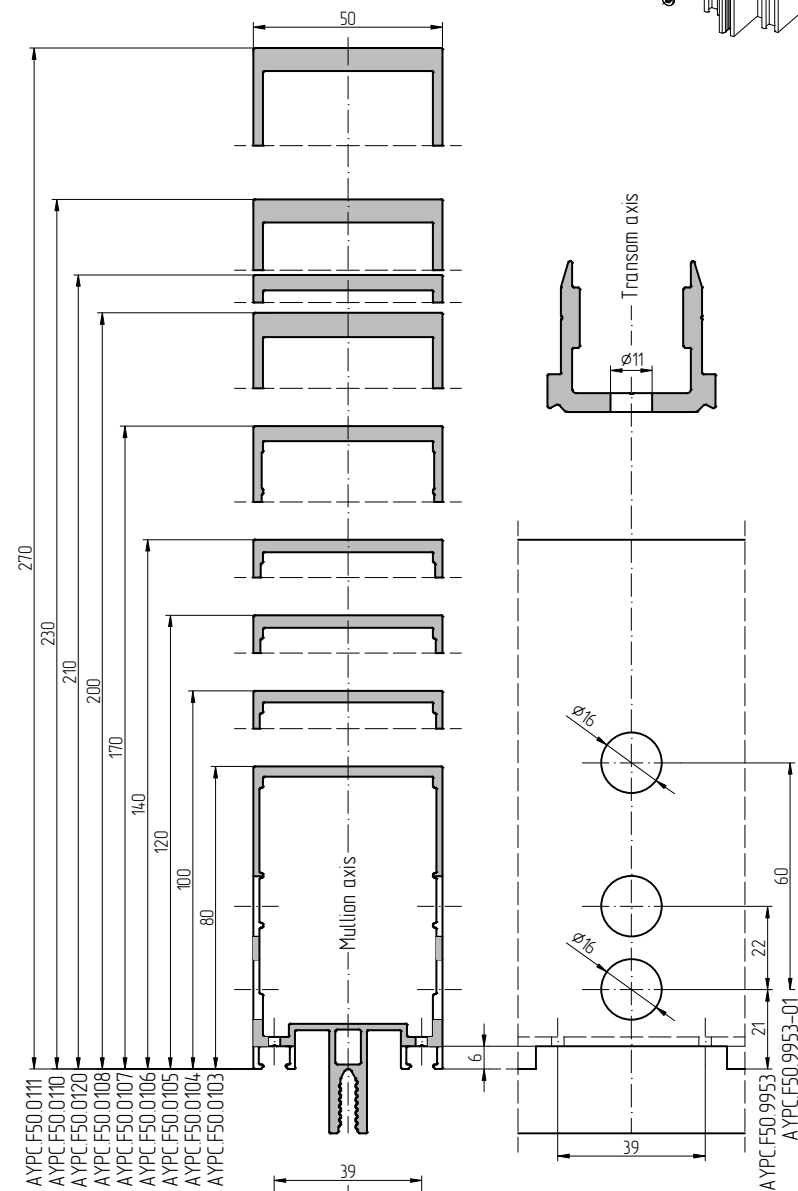
Processing of mullions for joining elements mounting
Notch connection of mullions and transoms 6 mm



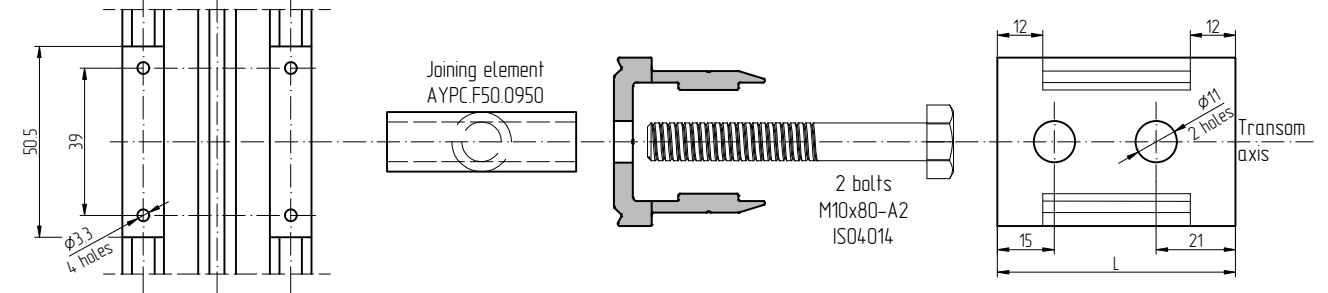
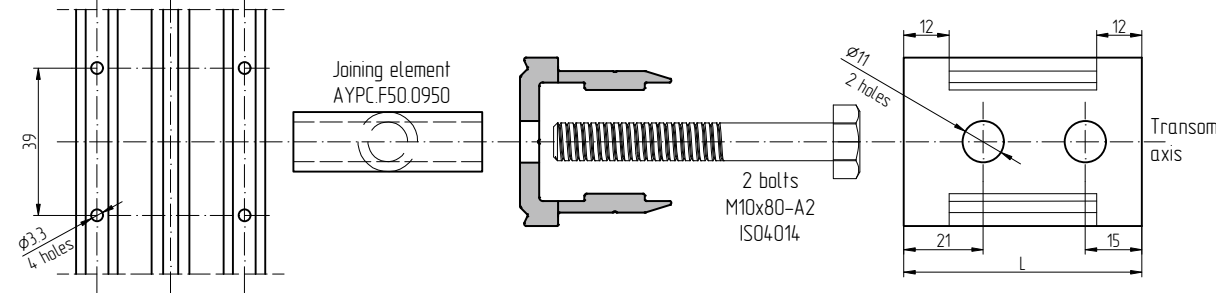
Processing of mullions for joining elements mounting
Notch connection of mullions and transoms of the 2 level 6 mm



Joining element made from AYPC.F50.0417 profile			
Article	Length L, mm	For reinforcement	For transom
AYPC.F50.9953	58	AYPC.F50.0318	AYPC.F50.0205
			AYPC.F50.0206
AYPC.F50.9953-01	96	AYPC.F50.0319	AYPC.F50.0207
			AYPC.F50.0208
			AYPC.F50.0248
			AYPC.F50.0249
AYPC.F50.9953-02	136	AYPC.F50.0320	AYPC.F50.0209
			AYPC.F50.0210
			AYPC.F50.0218
AYPC.F50.9953-03	196	AYPC.F50.0321	AYPC.F50.0211
			AYPC.F50.0221



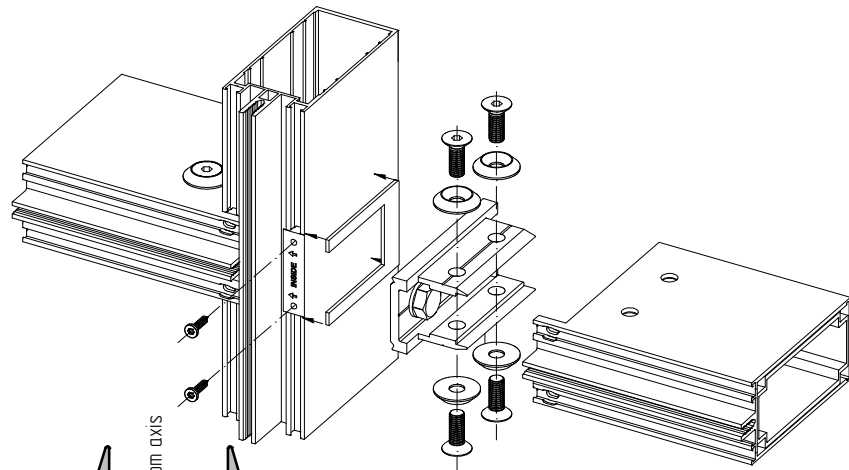
Joining element made from profile AYPC.F50.0417			
Article	Length L, mm	For reinforcement	For transom
AYPC.F50.9953	58	AYPC.F50.0318	AYPC.F50.0233
			AYPC.F50.0234
AYPC.F50.9953-01	96	AYPC.F50.0319	AYPC.F50.0235
			AYPC.F50.0236



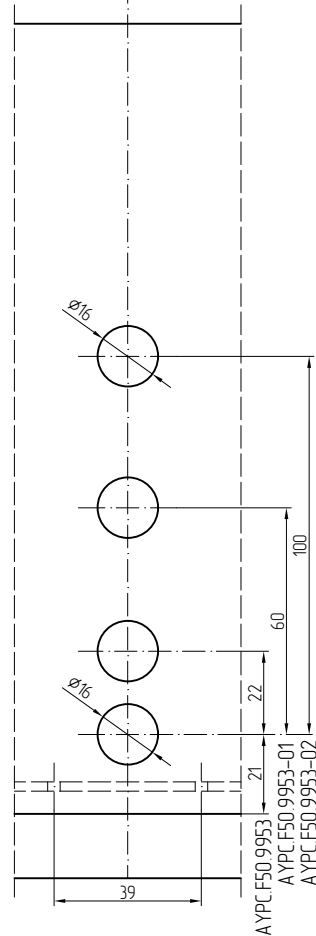
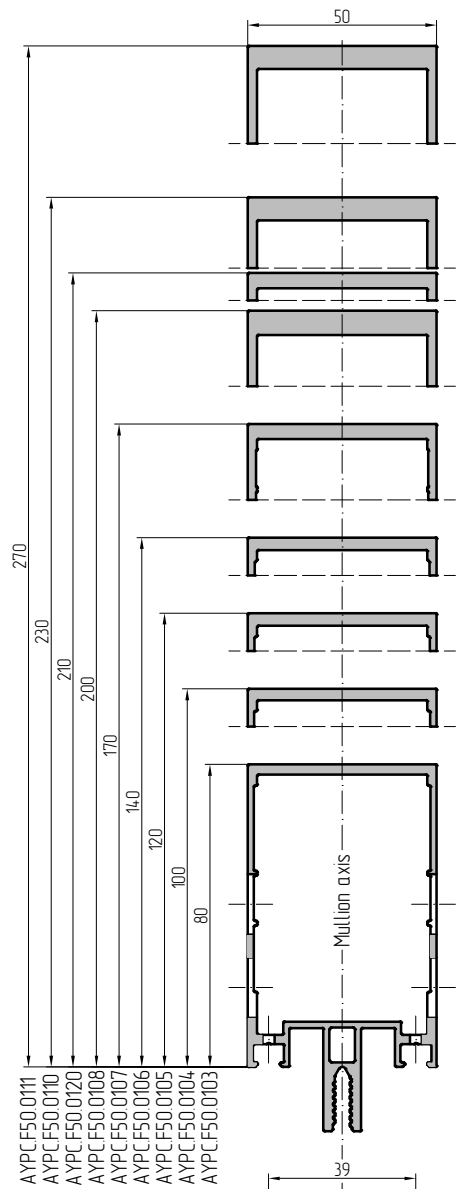
Sealing plate FRK42
For connection of mullion and transom notch connection 6 mm

Assemble after mullion processing

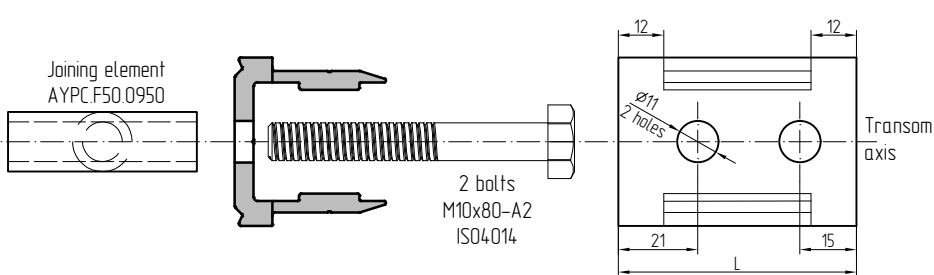
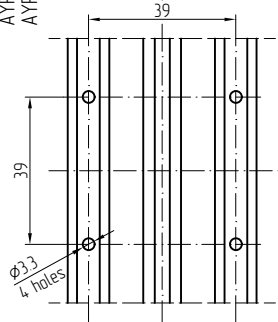
Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Overlapped connection of mullions and transoms 6 mm



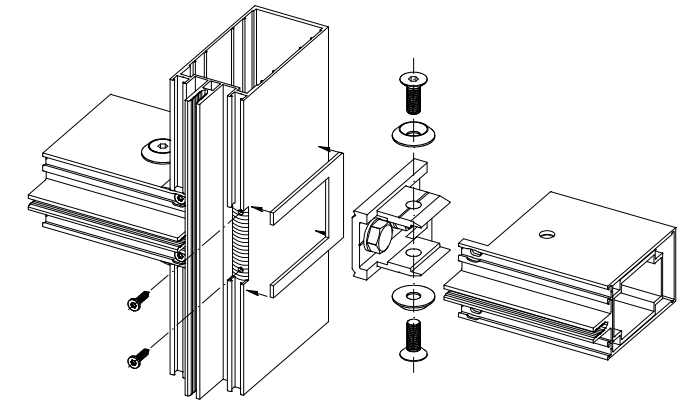
AluPro - BH-05/C+



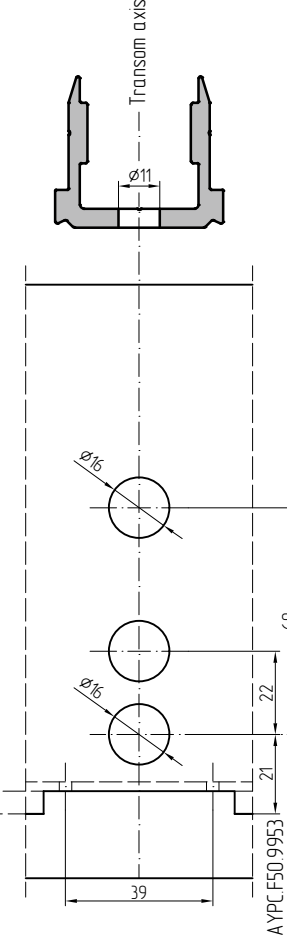
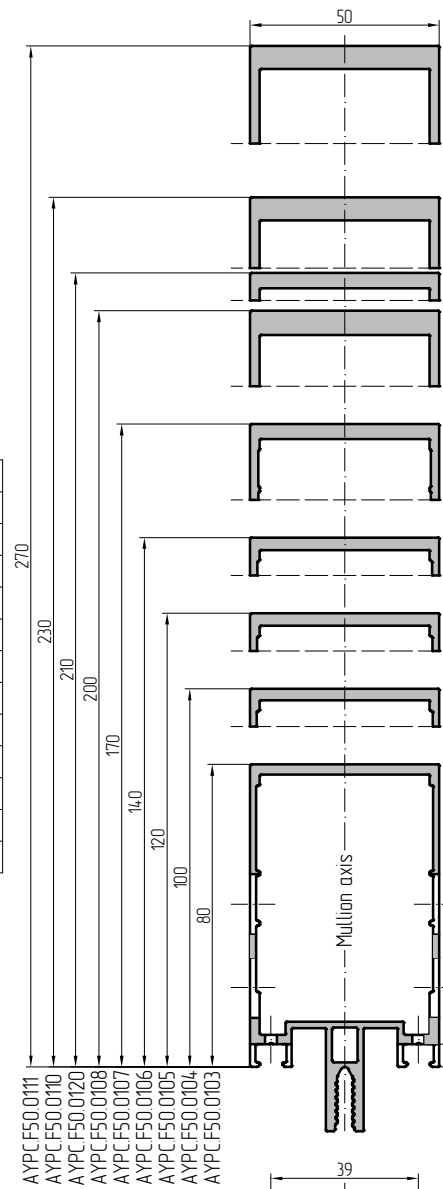
Joining element made from AYPC.F50.04.17 profile			
Article	Length L, mm	For reinforcement	For transom
AYPC.F50.9953	58	AYPC.F50.0318	AYPC.F50.0206
			AYPC.F50.0207
AYPC.F50.9953-01	96	AYPC.F50.0319	AYPC.F50.0208
			AYPC.F50.0248
			AYPC.F50.0249
			AYPC.F50.0209
			AYPC.F50.0218
AYPC.F50.9953-02	136	AYPC.F50.0320	AYPC.F50.0210
			AYPC.F50.0211
			AYPC.F50.0219
			AYPC.F50.0221



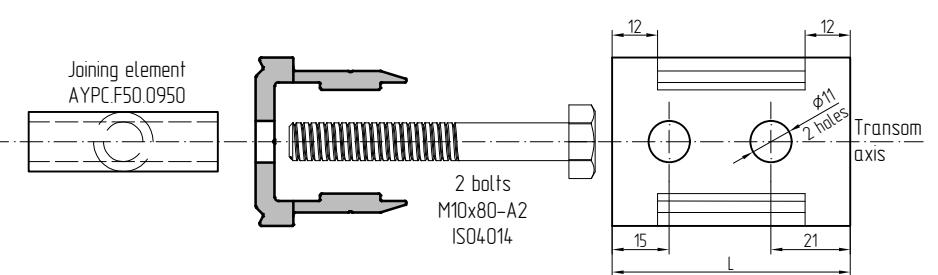
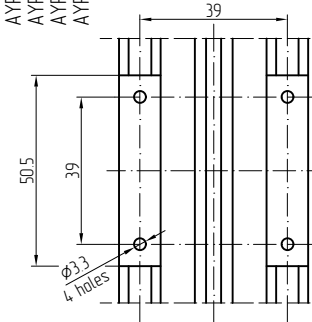
Processing of mullions for a joining element installation with the use of the end plug made of EPDM.
Connection of mullions and 2nd-level transoms, overlapped milling 6 mm



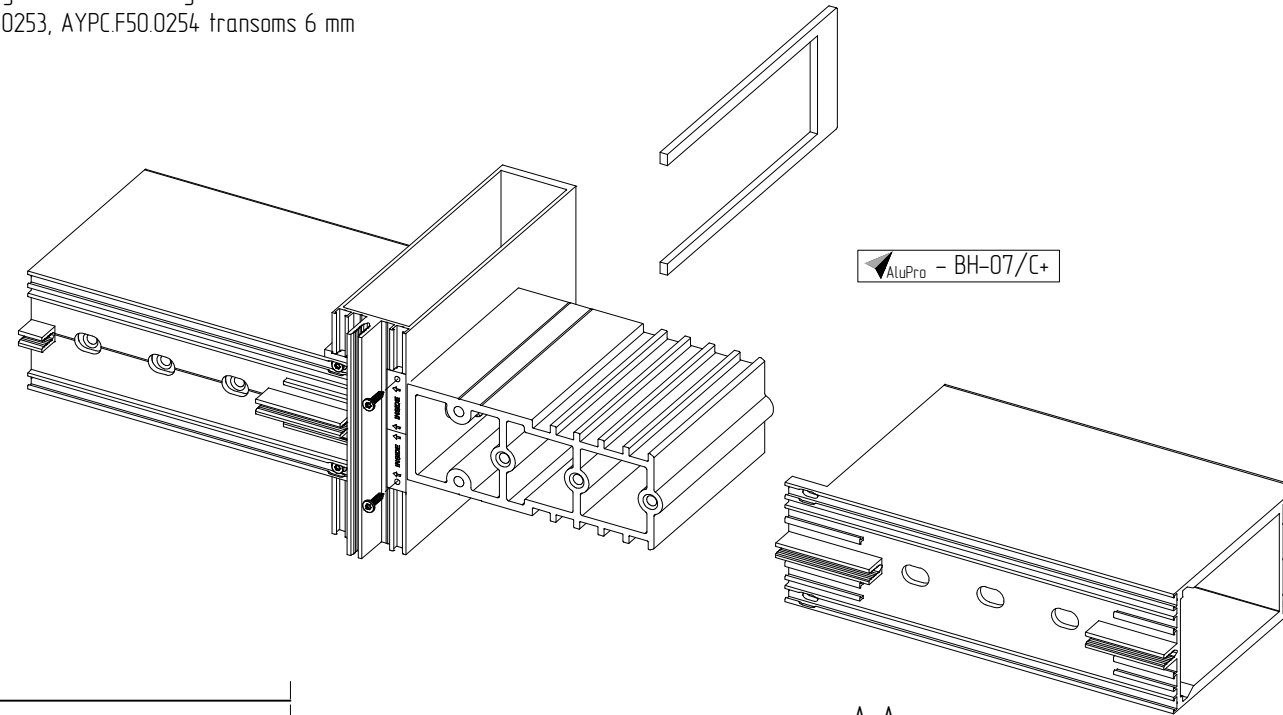
AluPro - BHC-05/C+



Joining element made from profile AYPC.F50.04.17			
Article	Length L, mm	For reinforcement	For transom
AYPC.F50.9953	58	AYPC.F50.0318	AYPC.F50.0233
			AYPC.F50.0234
AYPC.F50.9953-01	96	AYPC.F50.0319	AYPC.F50.0235
			AYPC.F50.0236



Processing of mullions for joining elements mounting.
Notch connection with AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254- transoms 6 mm



2xSealing plate FRK42
For connection of mullion and transom: notch connection 6 mm

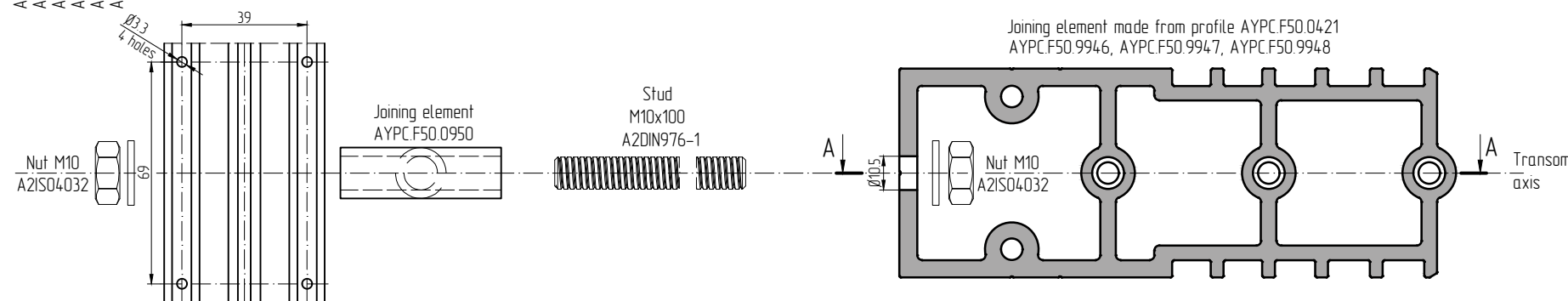
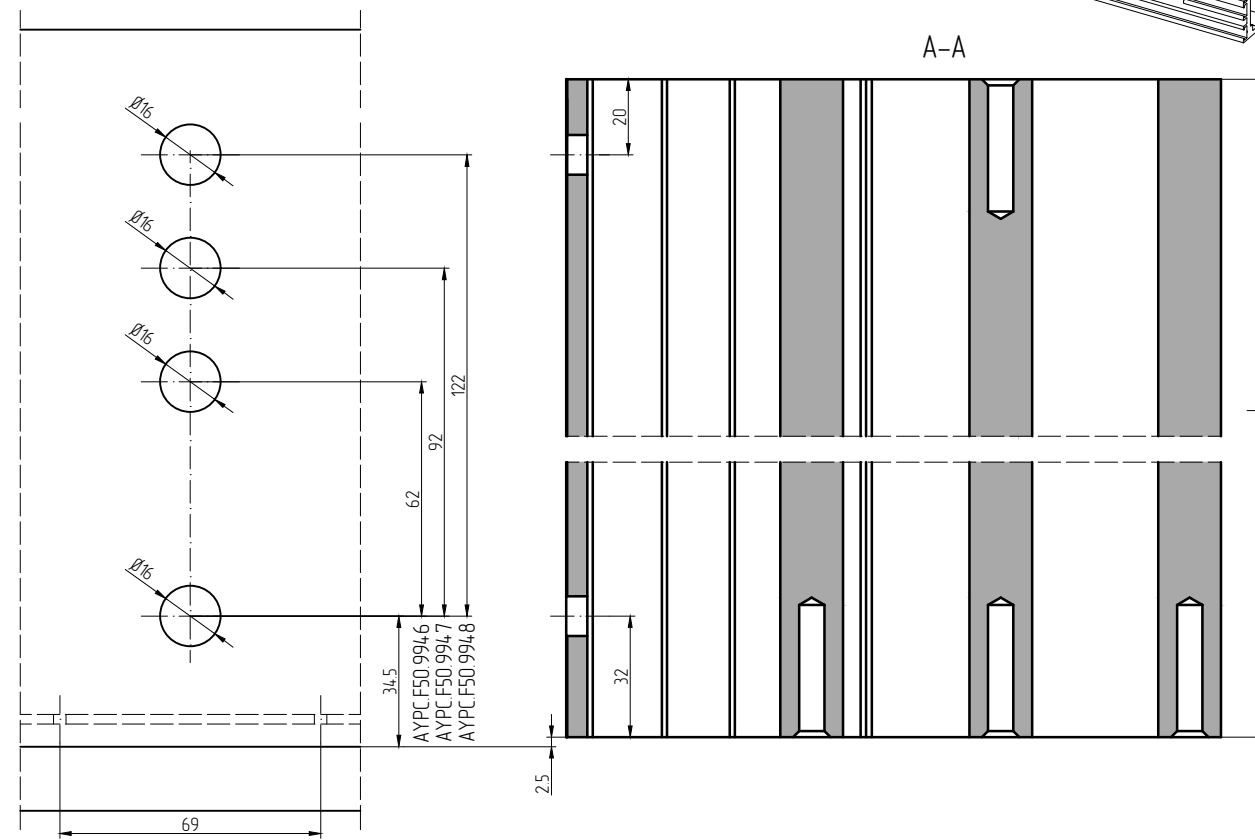
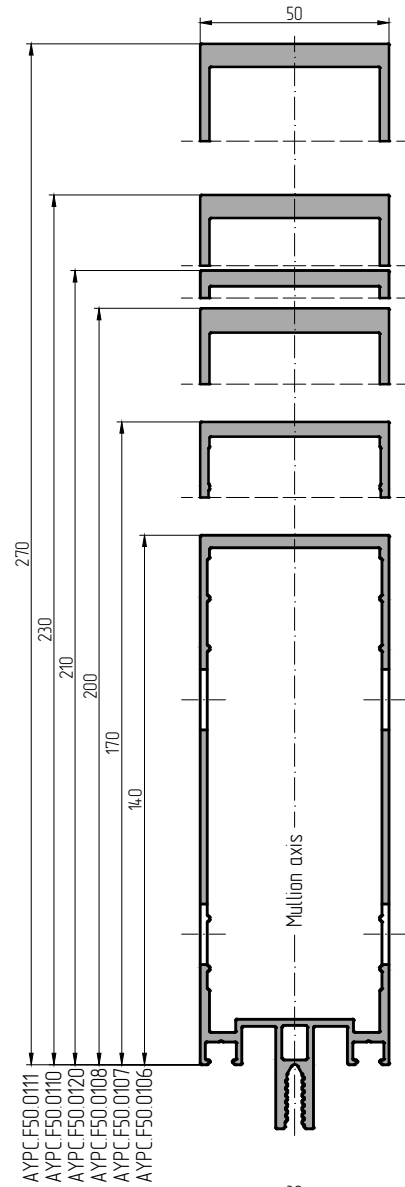
Cut each support by 30 mm

ϕ INSIDE ϕ INSIDE ϕ

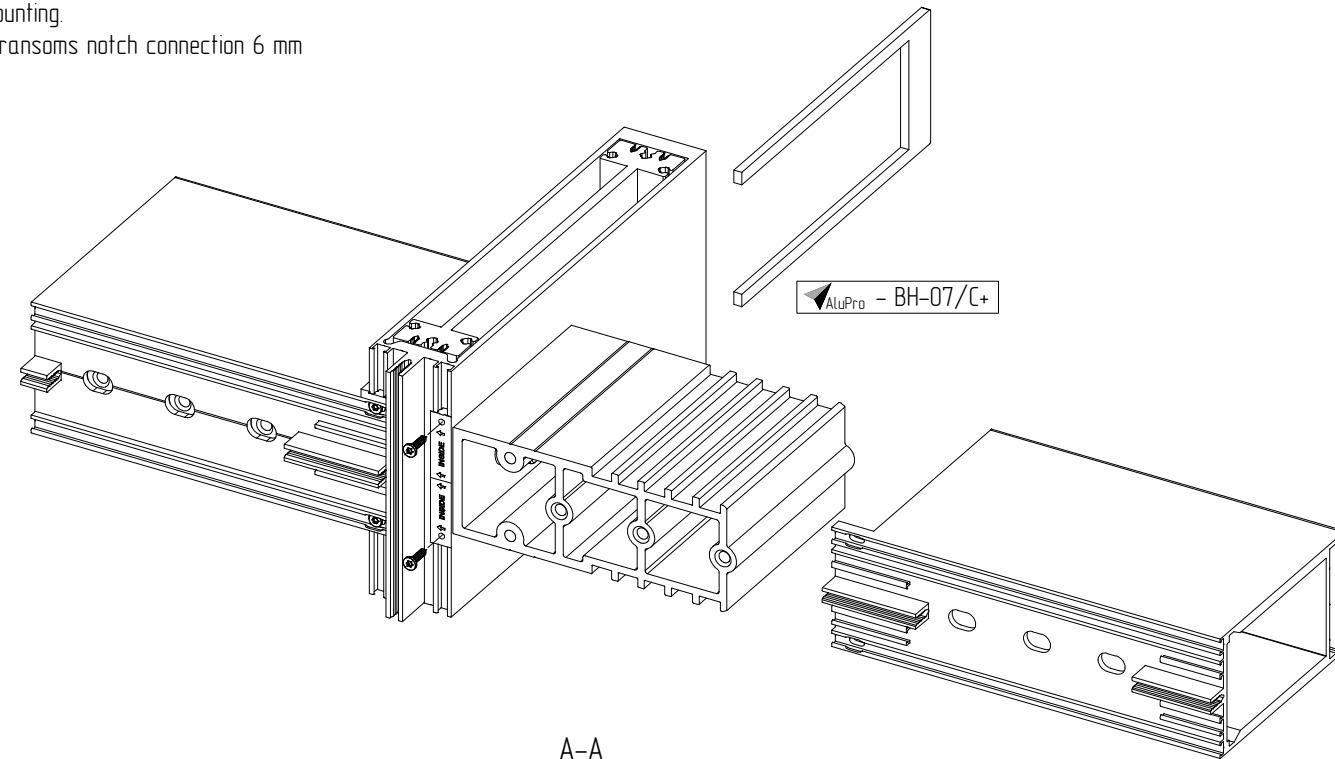
Assemble after mullion processing

Joining element made from profile AYPC.F50.0421

Article	Length L, mm	For transom
AYPC.F50.9946	114	AYPC.F50.0253
AYPC.F50.9947	144	AYPC.F50.0254
AYPC.F50.9948	174	AYPC.F50.0251



Processing of Mullions for joining elements mounting
AYPC.F50.0112 mullion AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254 transoms notch connection 6 mm



2xSealing plate FRK42
For connection of mullion and transom notch connection 6 mm

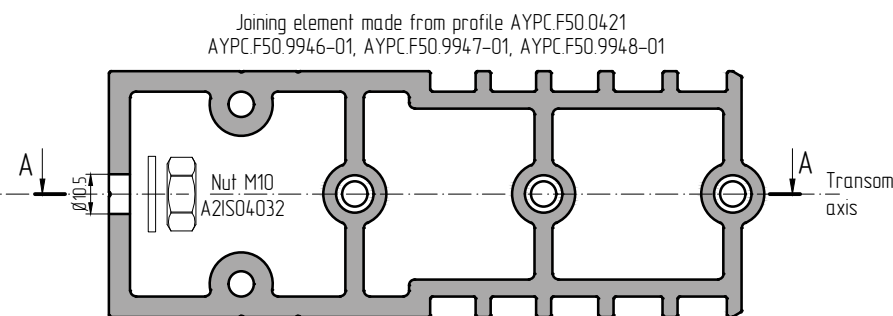
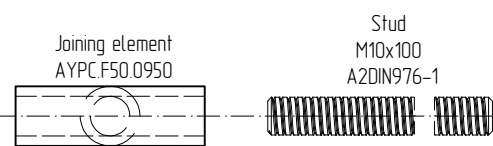
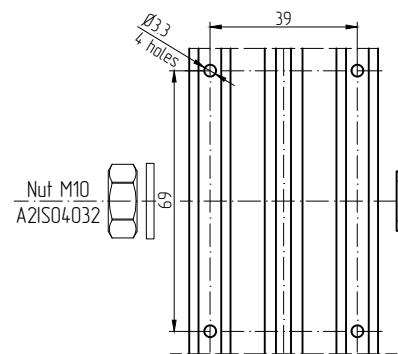
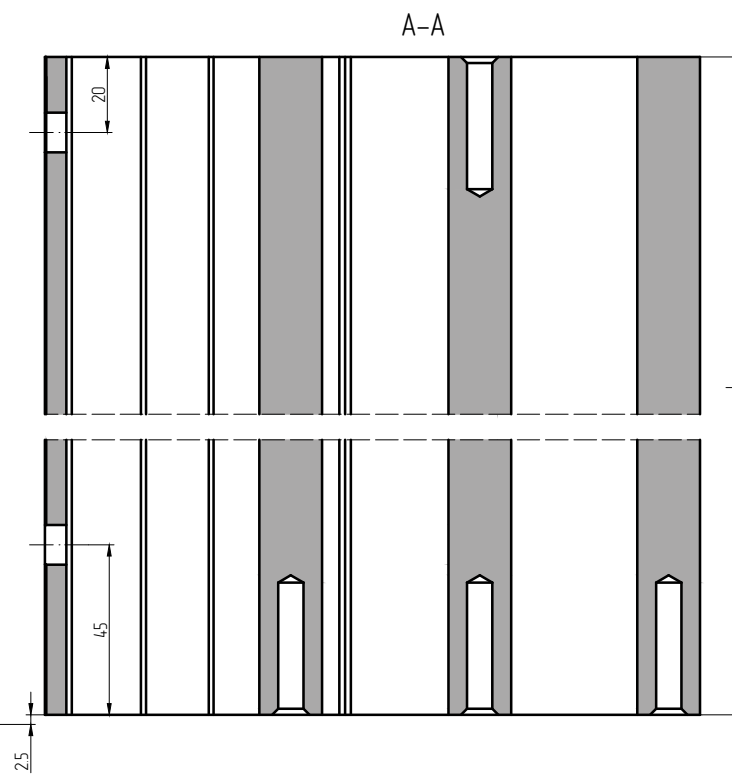
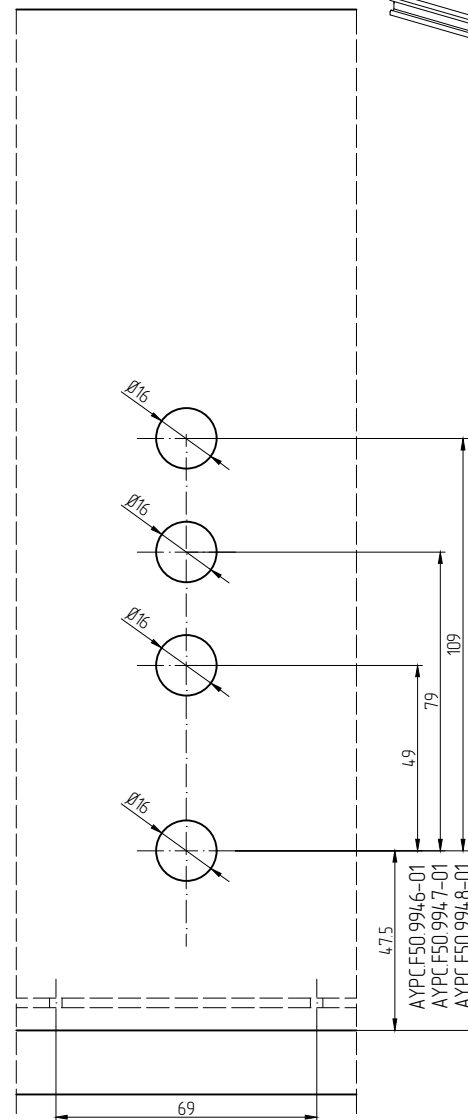
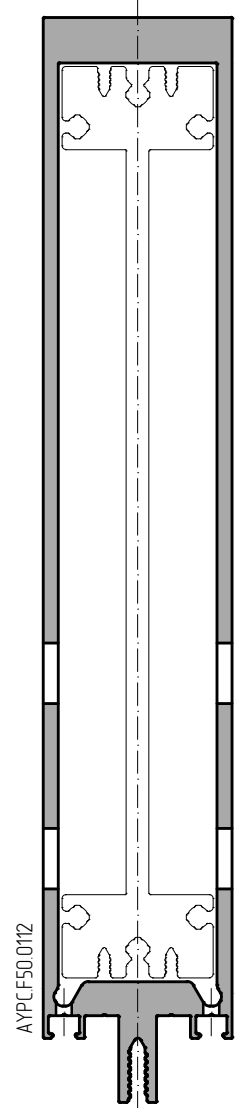
Cut each support by 30 mm

ϕ INSIDE ϕ INSIDE

Assemble after mullion processing

Joining element made from profile AYPC.F50.0421

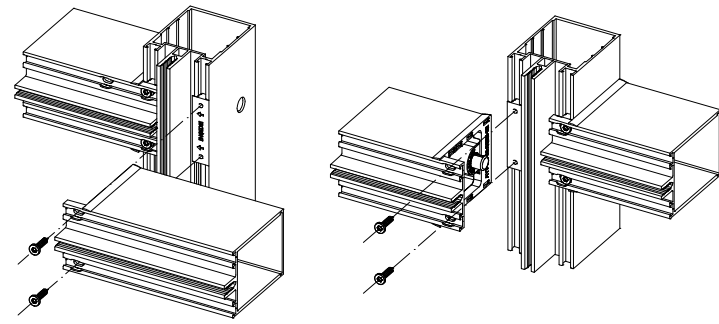
Article	Length L, mm	For transom
AYPC.F50.9946	114	AYPC.F50.0253
AYPC.F50.9947	144	AYPC.F50.0254
AYPC.F50.9948	174	AYPC.F50.0251



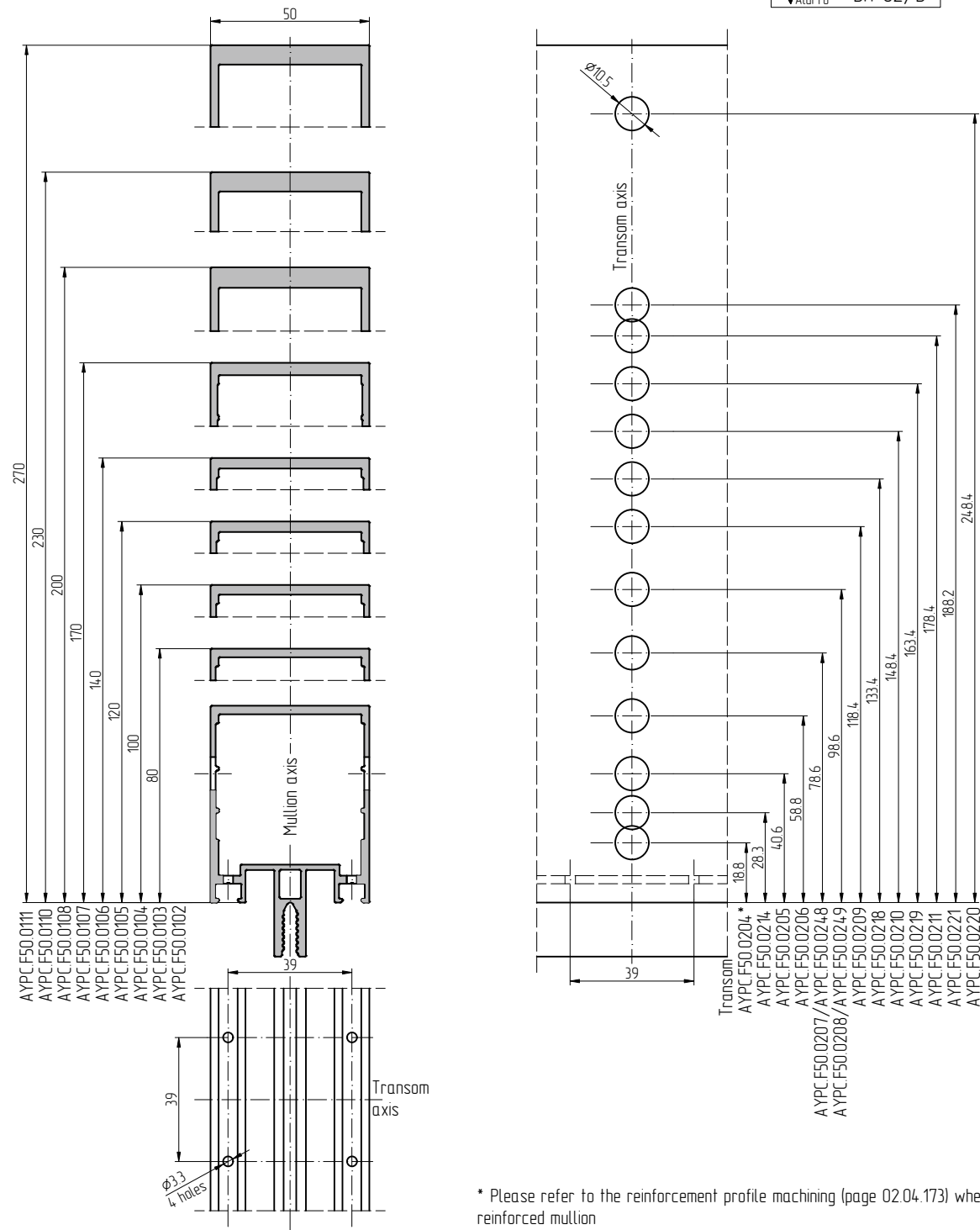
Sealing plate FRK42
For connection of mullion and transom
notch connection 6 mm

Assemble after mullion processing

Processing of mullions for transom mounting with the use of AYPC.F50.9941 spring bolt T-cleat.
Notch connection of mullions and transoms 6 mm

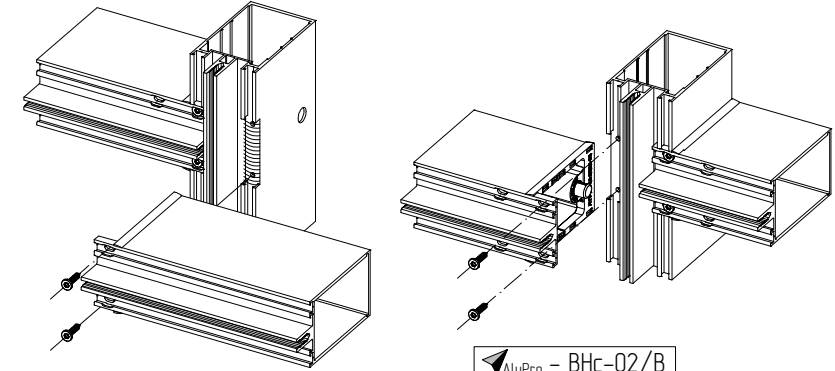


AluPro - BH-02/B

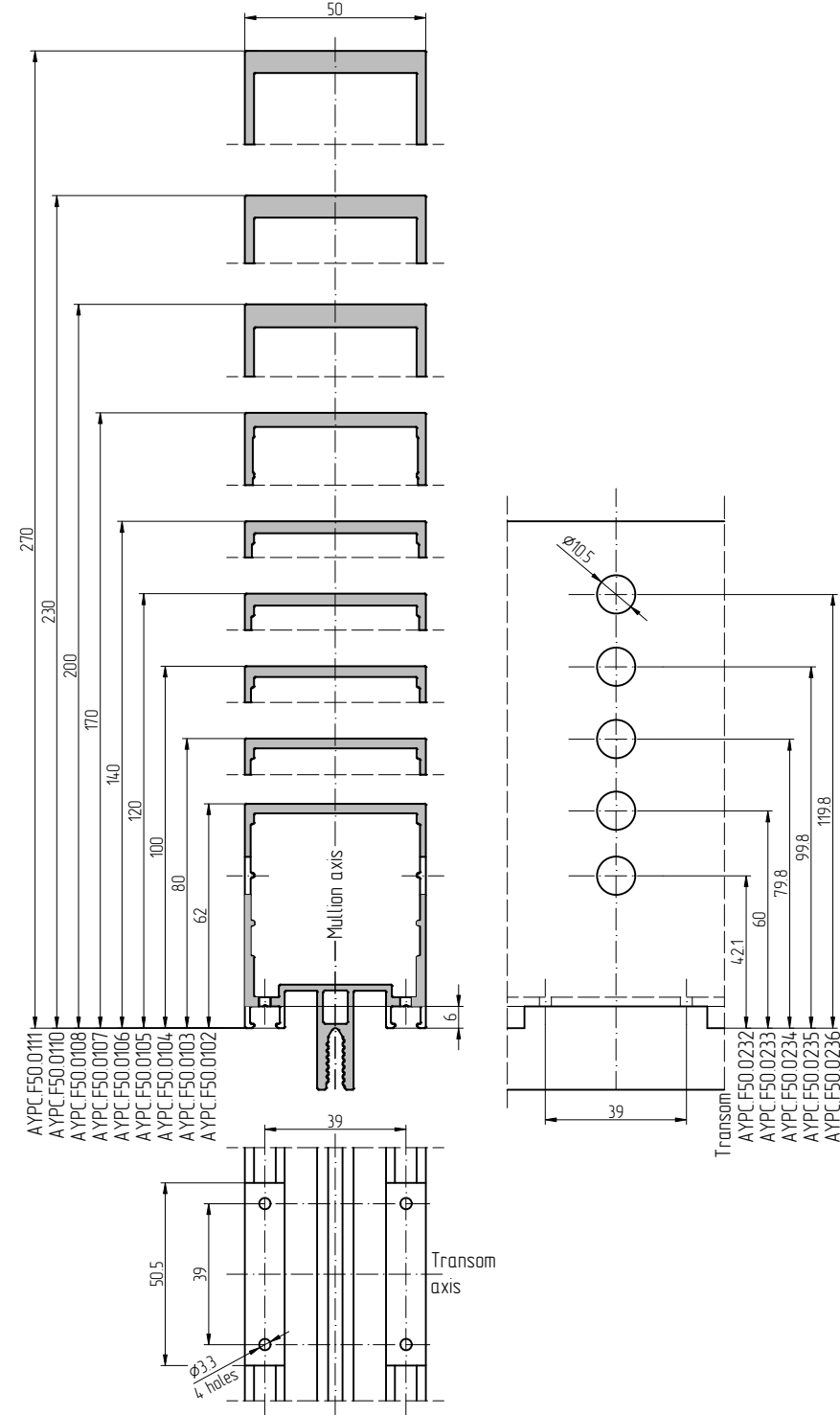


* Please refer to the reinforcement profile machining (page 02.04.173) when installed together with reinforced mullion

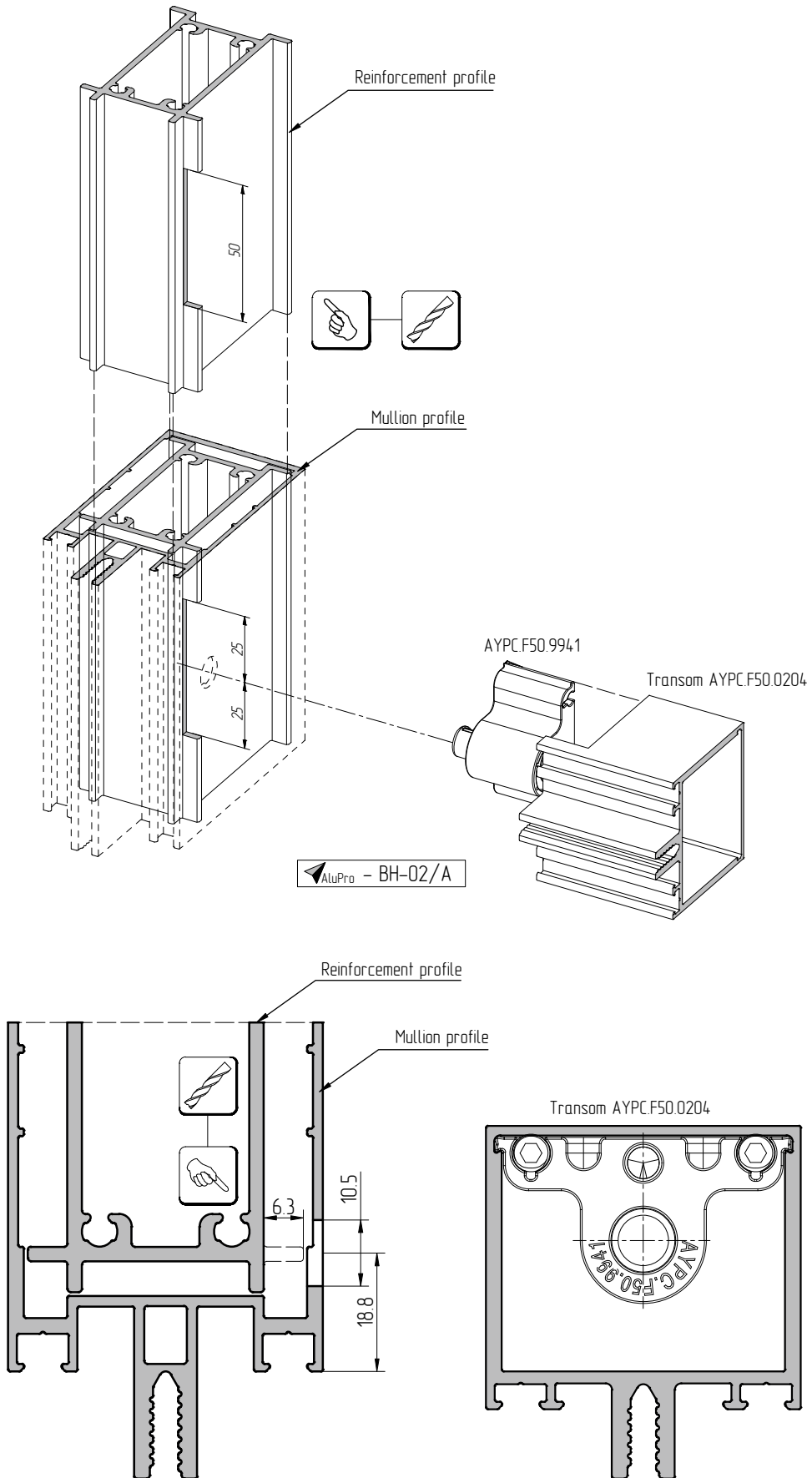
Processing of mullions for transom mounting with the use of spring bolt T-cleat AYPC.F50.9941.
Notch connection mullions and transoms of the 2 level 6 mm



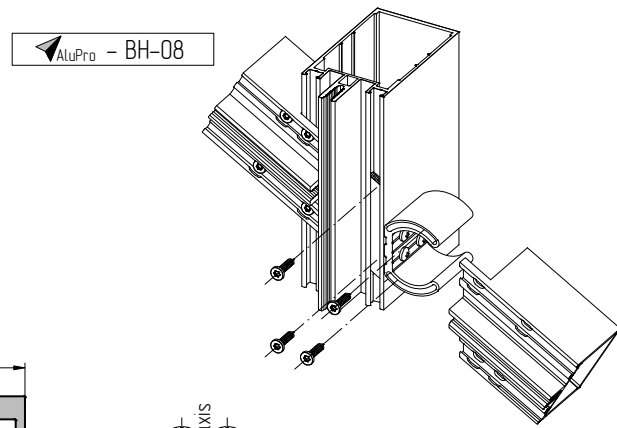
AluPro - BHc-02/B



Reinforcement profile machining for the AYPC.F50.0204 transom installation using AYPC.F50.9941 joining element



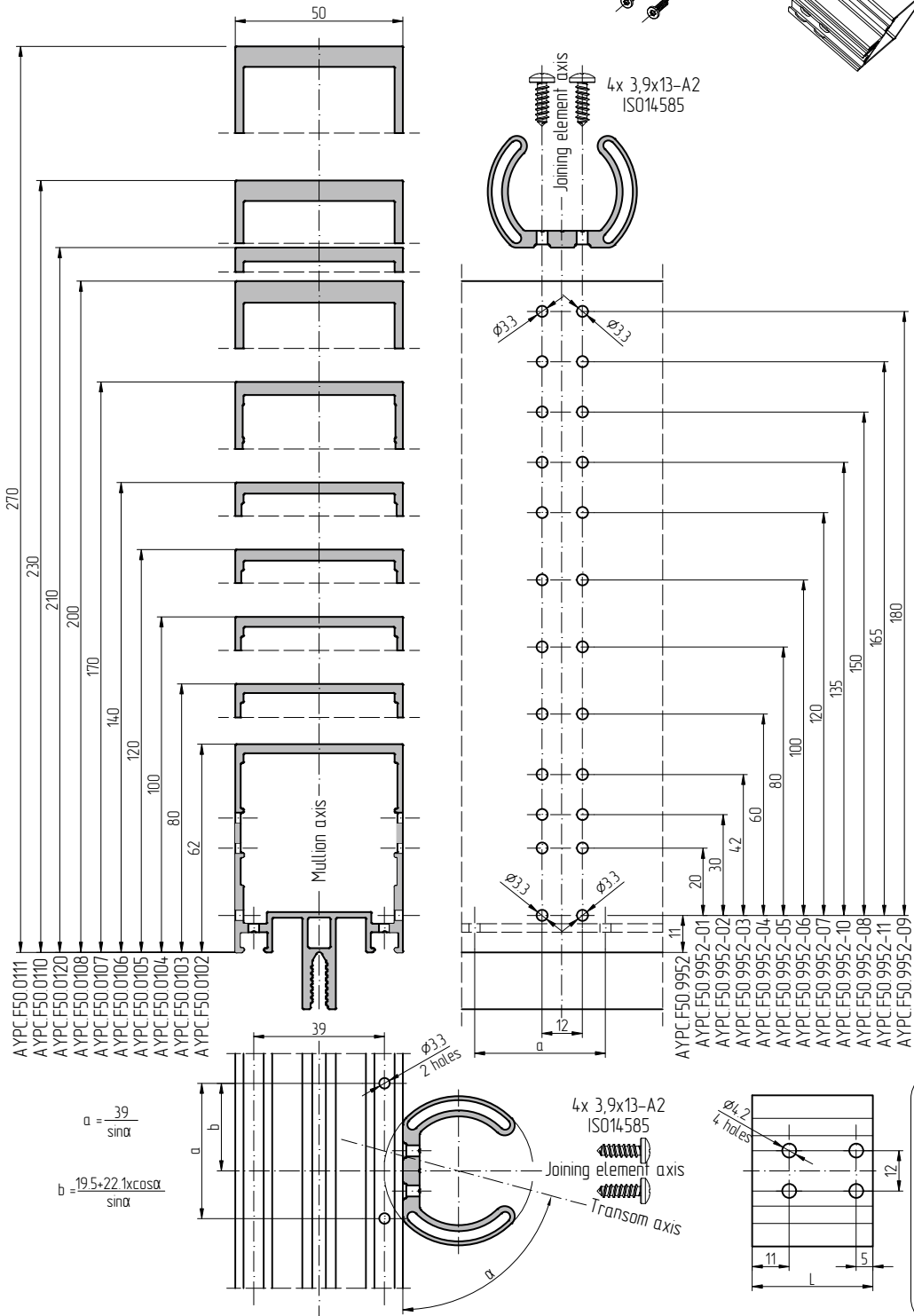
Processing of mullions for joining elements mounting
Notch connection of mullions and transoms 6 mm



Sealing plate FRK200
For connection of mullion and transom:
notch connection 6 mm

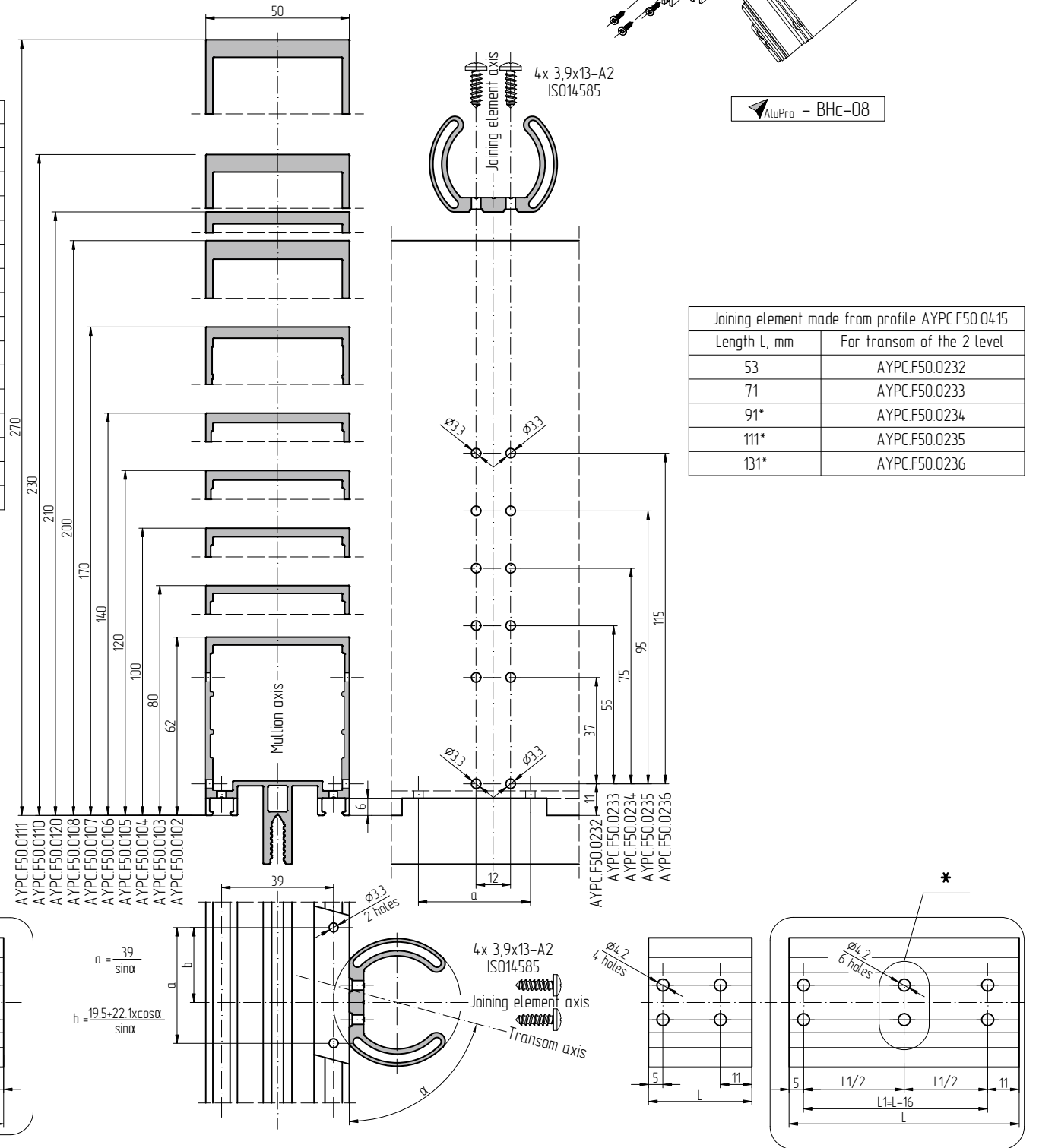
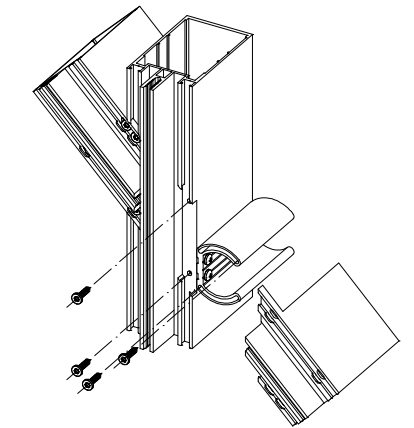
FRK200
max 110

Assemble after mullion processing

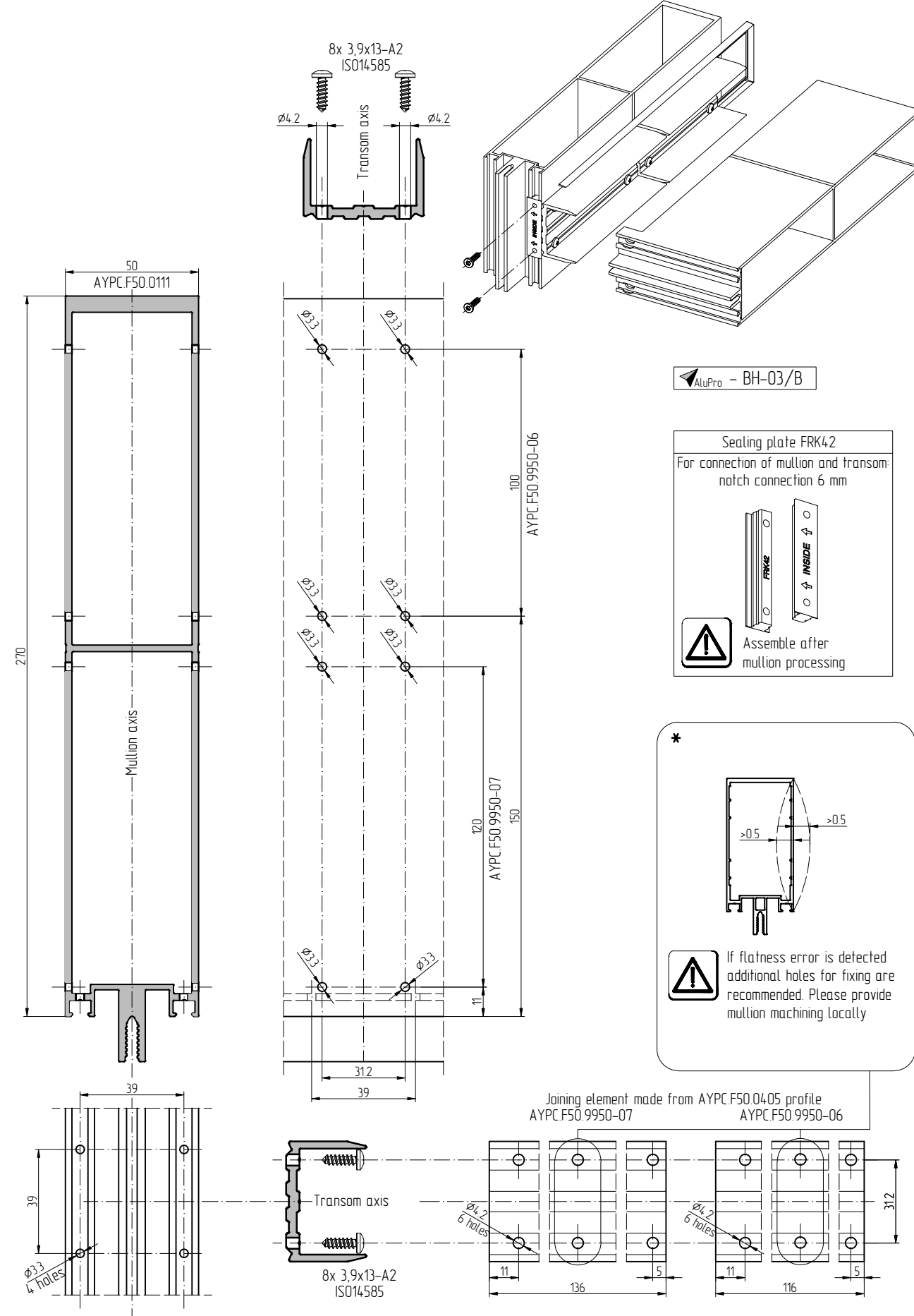


* If flatness error is detected additional holes for fixing are recommended. Please provide mullion machining locally

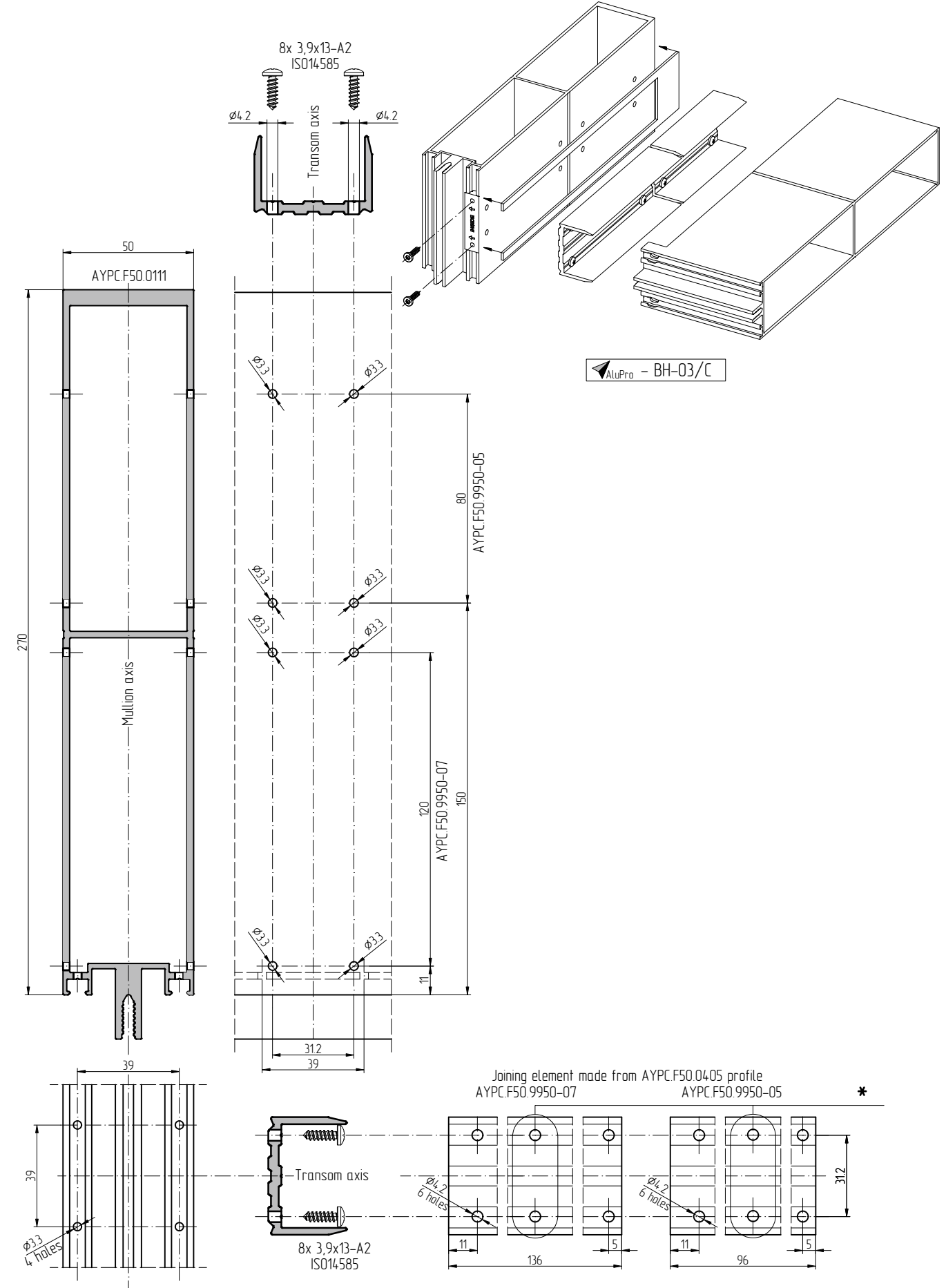
Processing of mullions for joining elements mounting
Notch connection of mullions and transoms of the 2 level 6 mm



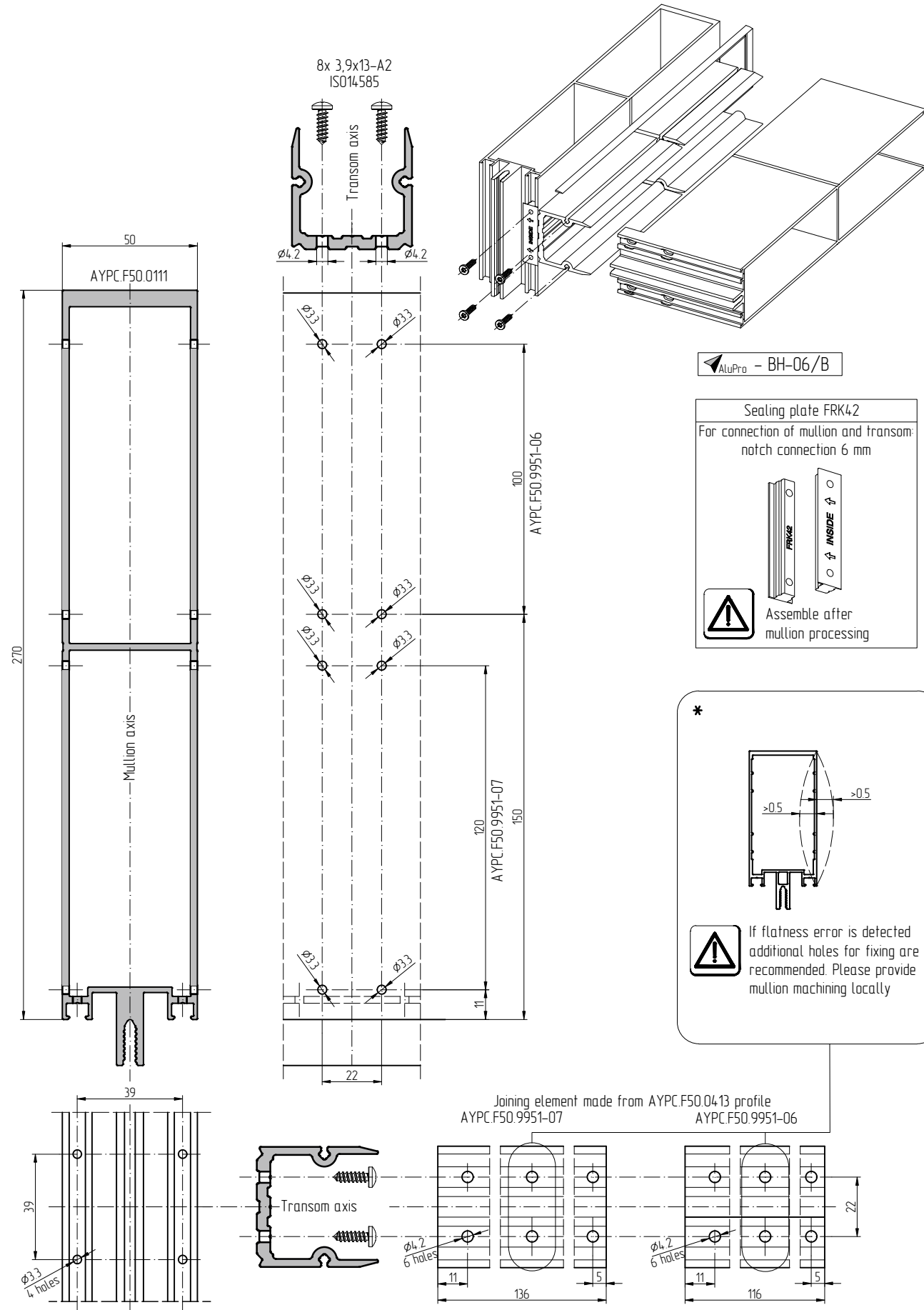
Processing of mullions for mounting joining elements made from AYPC.F50.0405 profile.
Overlapped connection of AYPC.F50.0111 mullions with AYPC.F50.0220 transoms 6 mm



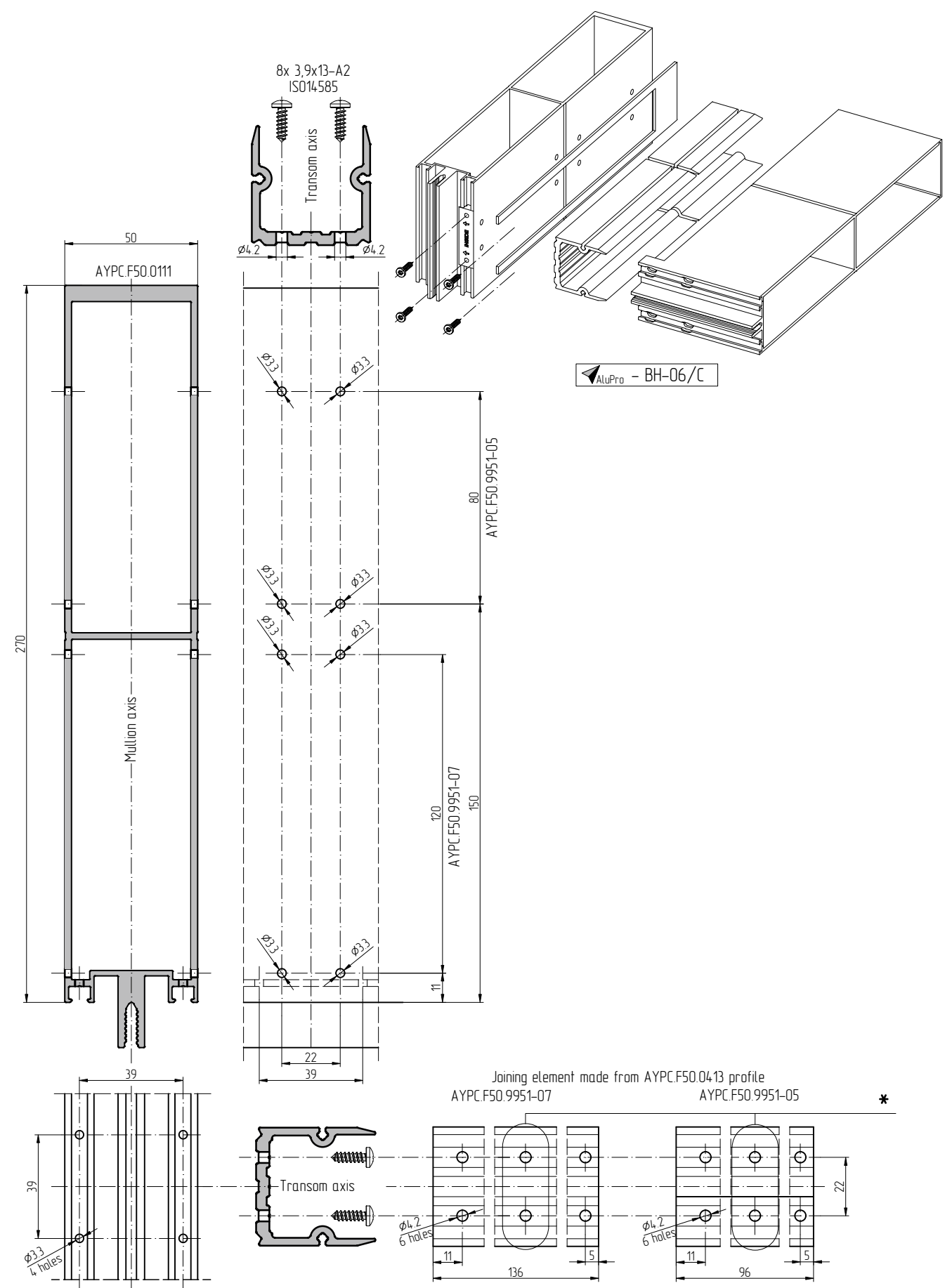
Processing of mullions for joining elements installation, made of AYPC.F50.0405 profiles with the use of end plug made of EPDM.
Connection of AYPC.F50.0111 mullions with AYPC.F50.0220 transoms overlapped 6 mm



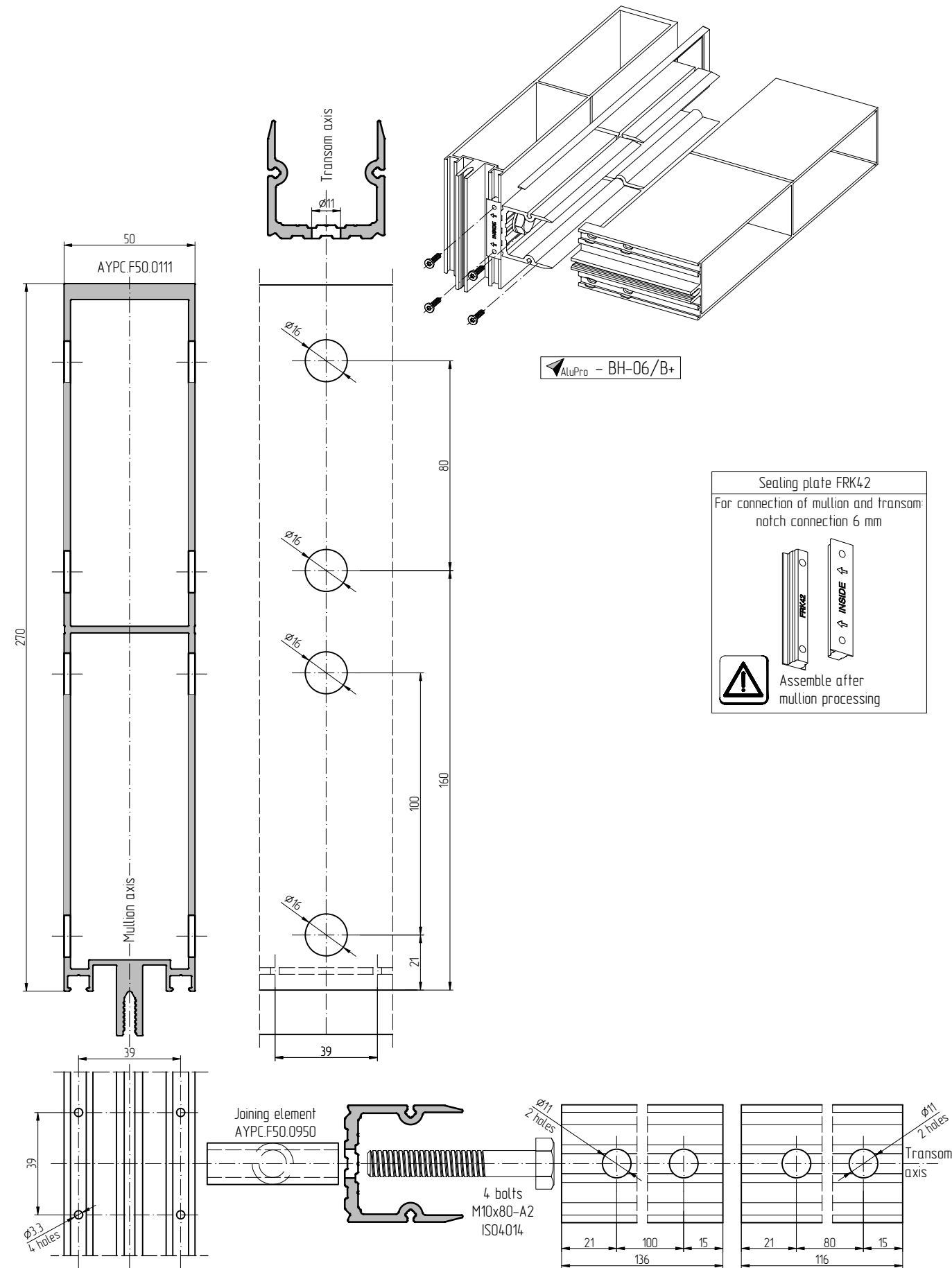
Processing of mullions for mounting joining elements made from AYPC.F50.0413 profile.
Overlapped connection of AYPC.F50.0111 mullions with AYPC.F50.0220 transoms 6 mm



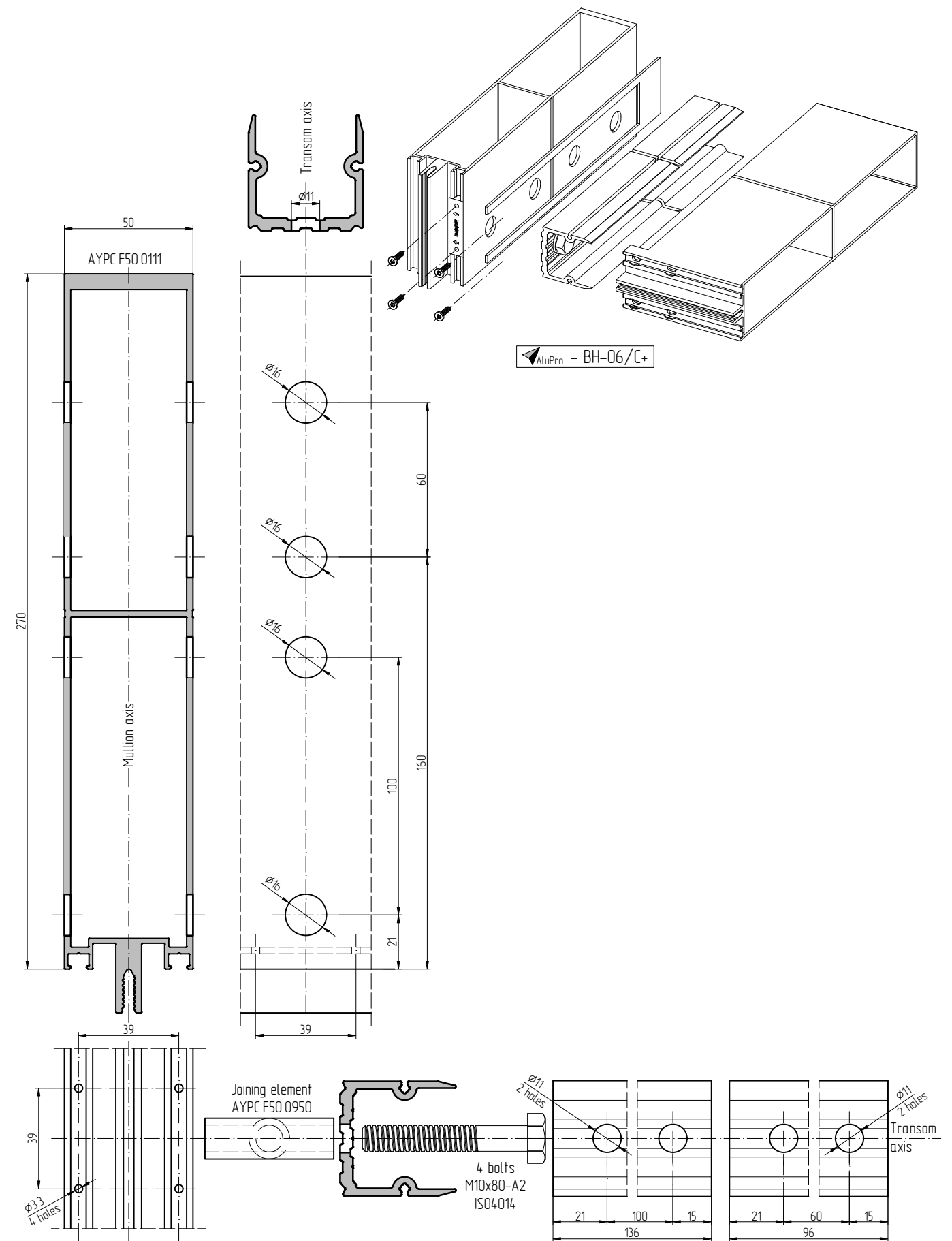
Processing of mullions for joining elements installation made of AYPC.F50.0413 profile with the use of end plug made of EPDM.
Connection of AYPC.F50.0111 mullions with AYPC.F50.0220 transoms overlapped 6 mm



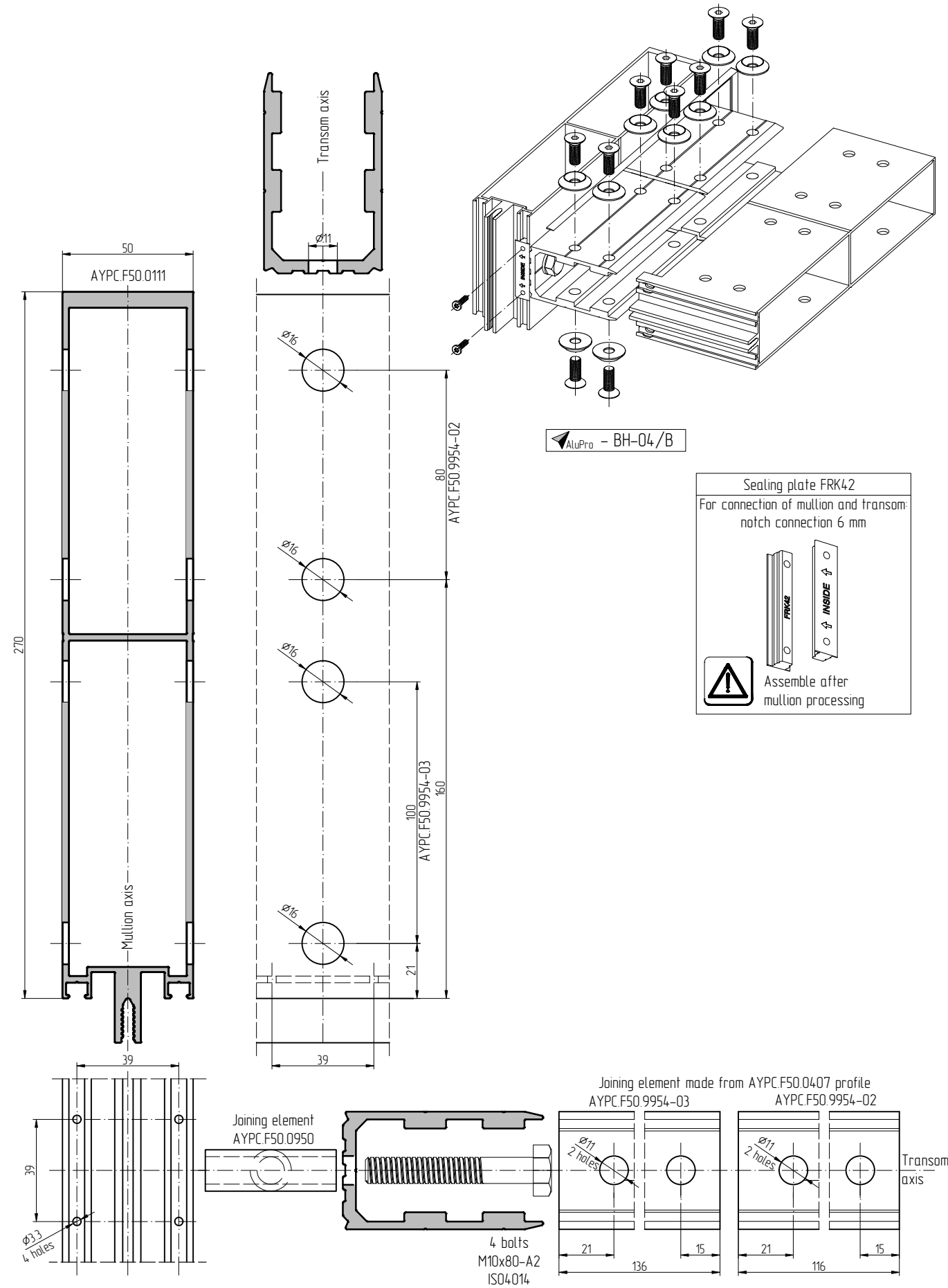
Processing of Mullions for mounting joining elements made from AYPC.F50.0413 profile.
Overlapped connection of AYPC.F50.0111 Mullions with AYPC.F50.0220 Transoms 6 mm



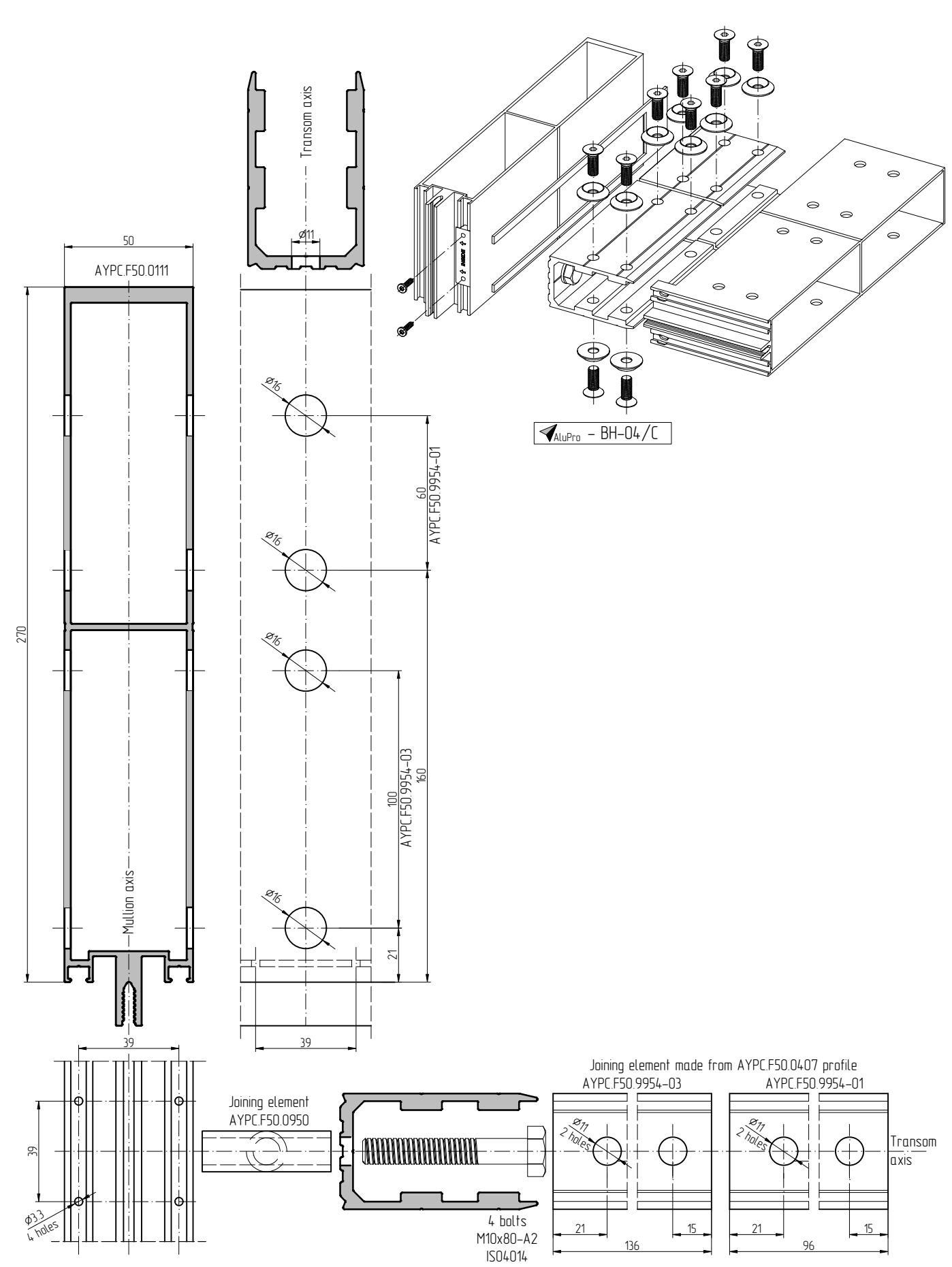
Processing of Mullions for joining element installation made of AYPC.F50.0413 profile with the use of end plug made of EPDM.
Connection of AYPC.F50.0111 Mullions with AYPC.F50.0220 Transoms overlapped 6 mm



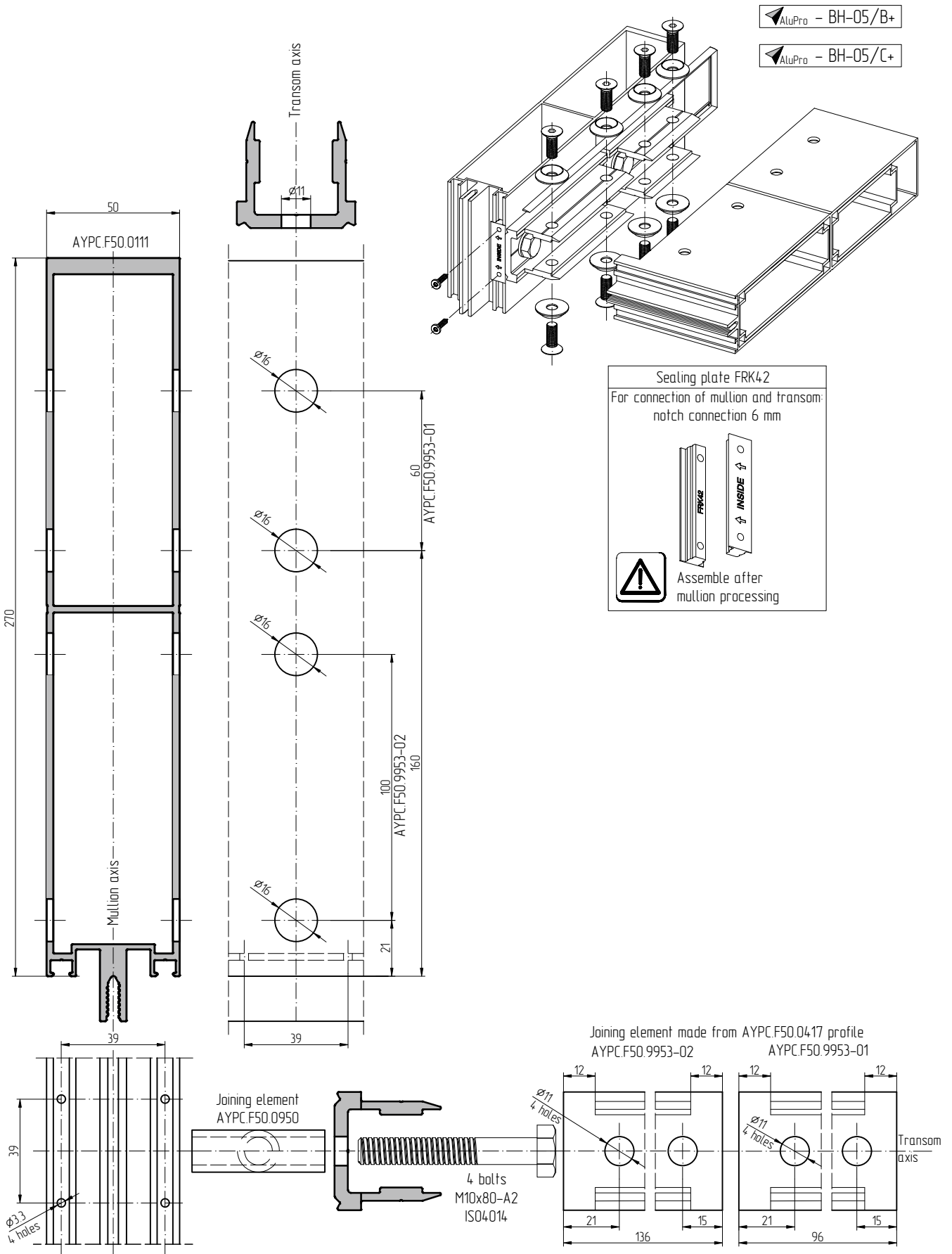
Processing of mullions for mounting joining elements made from AYPC.F50.0407 profile.
Overlapped connection of AYPC.F50.0111 with AYPC.F50.0220 transoms 6 mm



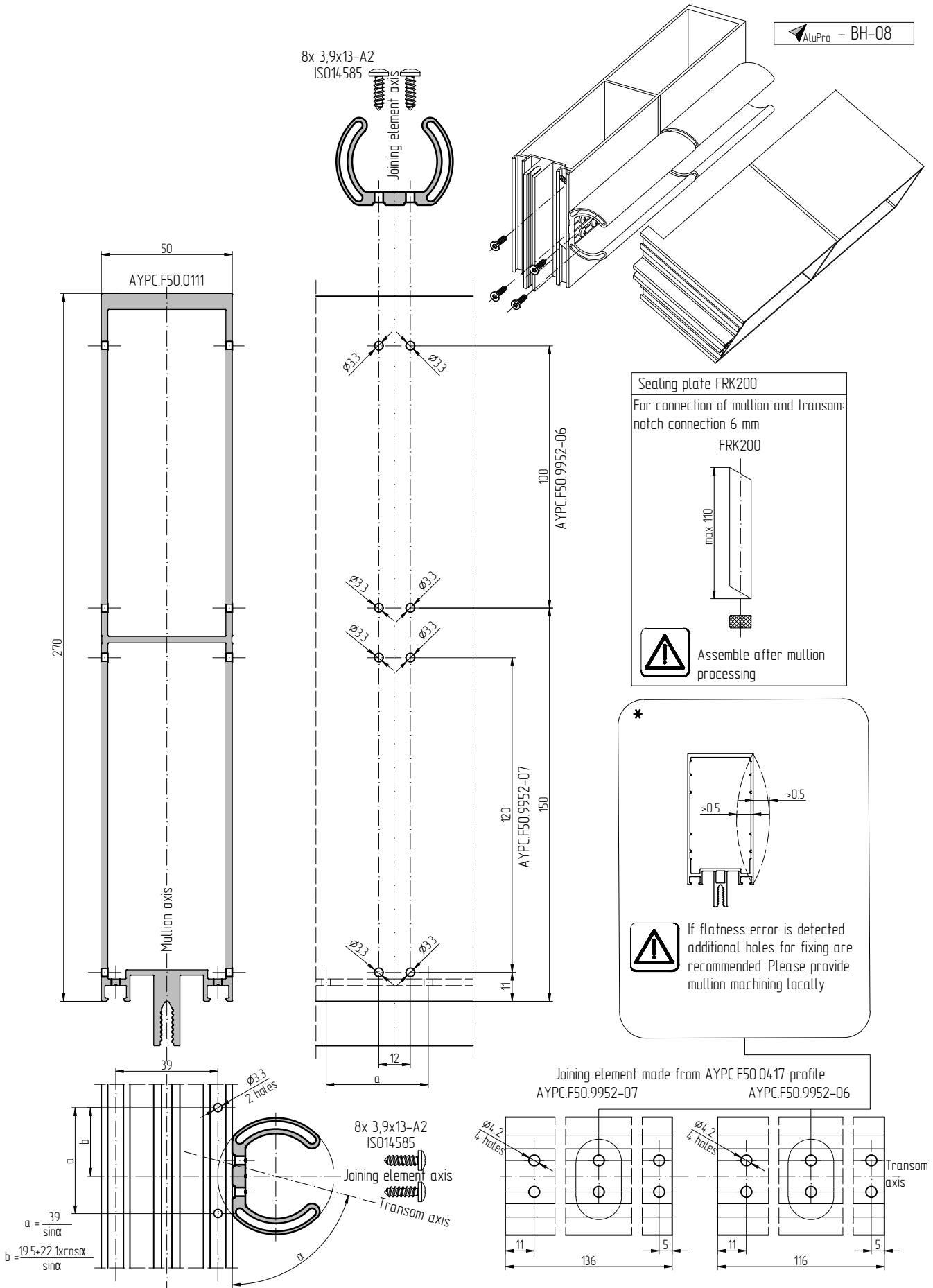
Processing of mullions for joining element installation made AYPC.F50.0407 profile with the use of end plug made of EPDM.
Connection of AYPC.F50.0111 mullions with AYPC.F50.0220 transoms overlapped 6 mm



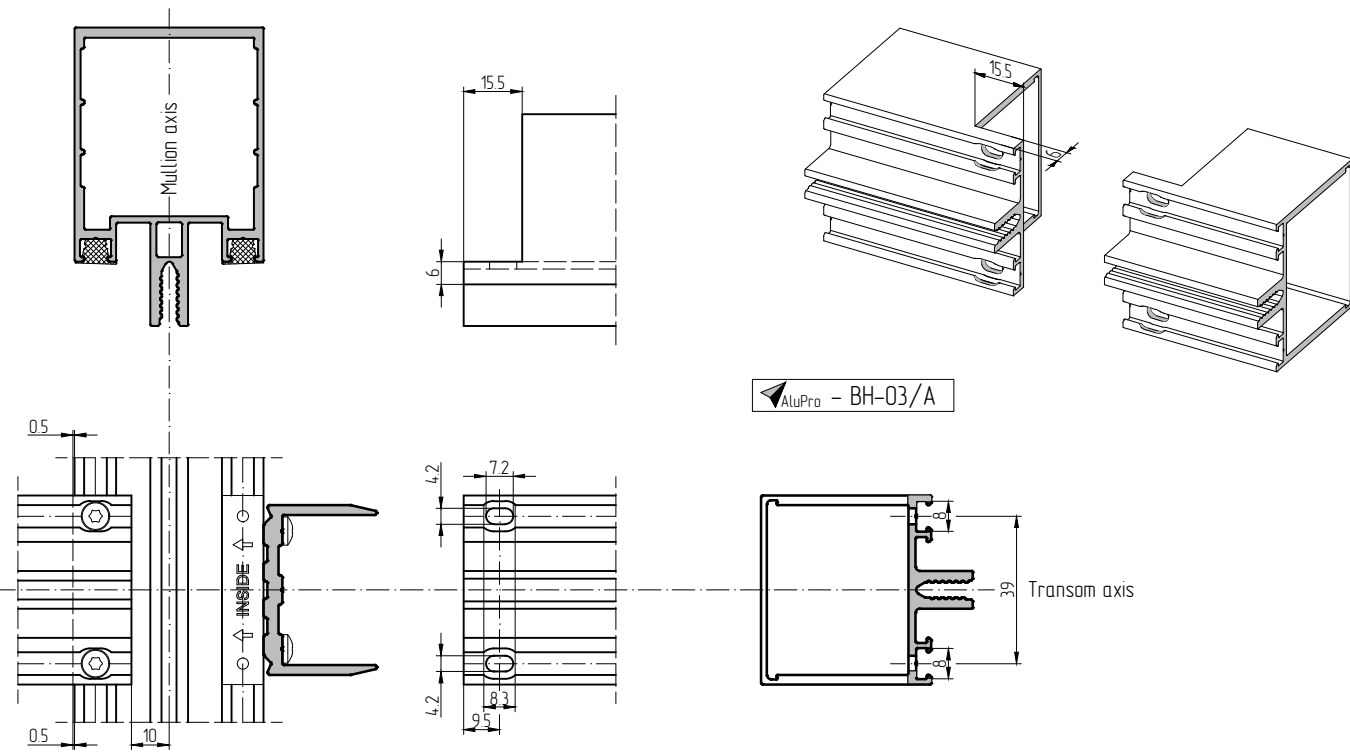
Processing of mullions for mounting joining elements made from AYPC.F50.0417 profile.
Notch connection of AYPC.F50.0111 with AYPC.F50.0220 transoms 6 mm



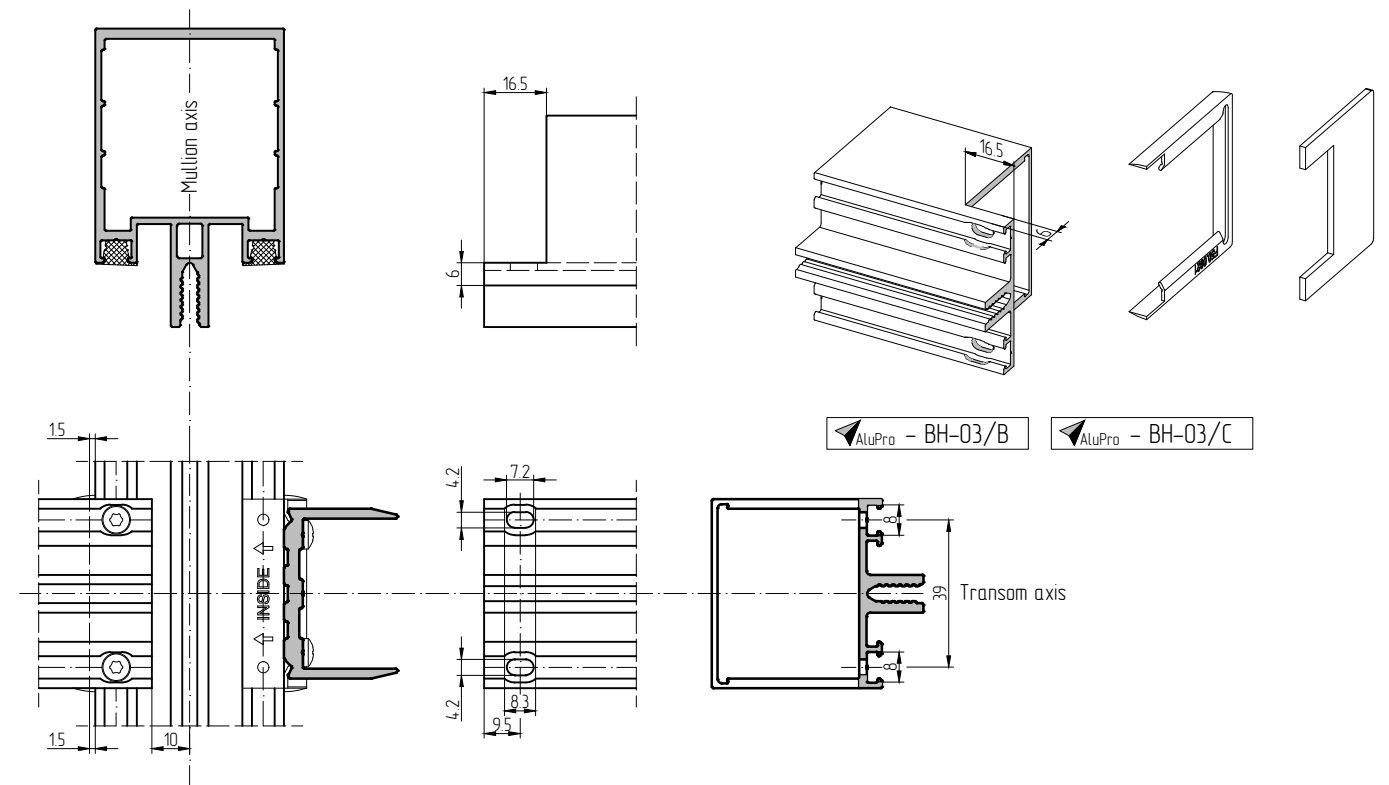
Processing of Mullions for mounting joining elements made from AYPC.F50.0415 profile.
Notch connection of AYPC.F50.0111 with AYPC.F50.0220 transoms 6 mm



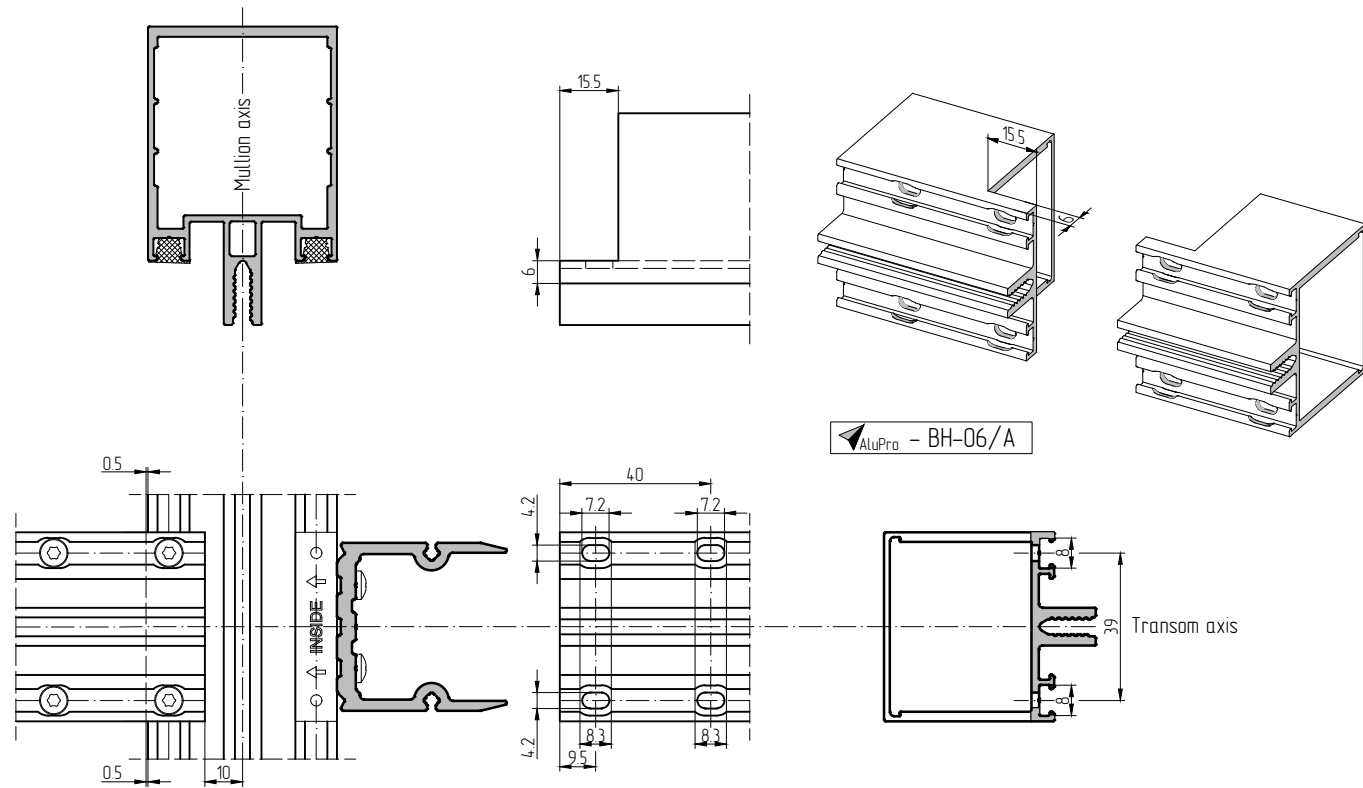
Processing of 6 mm shaped notch connection transoms without end plugs



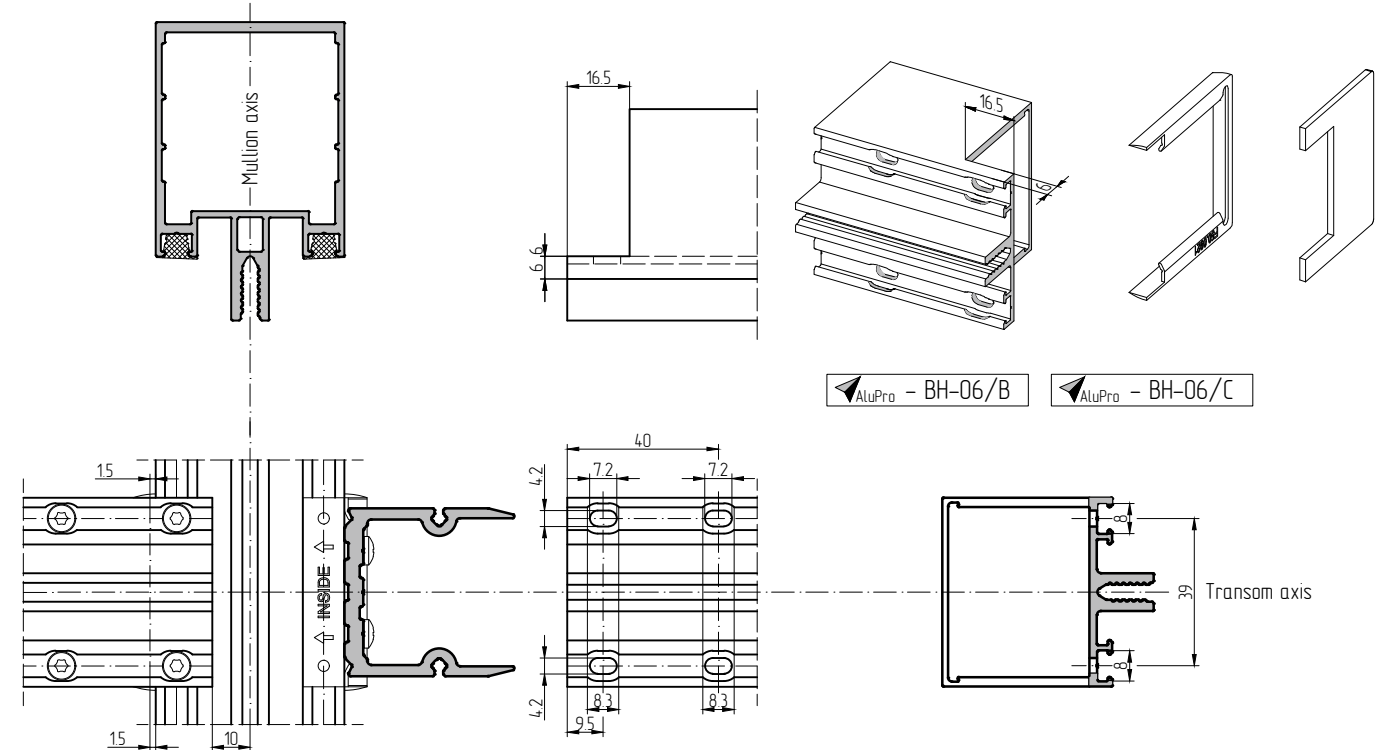
Processing of notch connection transoms 6 mm with plastic end plugs AYPC.F50.0921, AYPC.F50.0921-01, AYPC.F50.0921-02, AYPC.F50.0921-06, and plugs made of EPDM AYPC.F50.9921, AYPC.F50.9921-01, AYPC.F50.9921-02, AYPC.F50.9921-03, AYPC.F50.9921-04, AYPC.F50.9921-05, AYPC.F50.9921-06, AYPC.F50.9921-07, AYPC.F50.9921-08, AYPC.F50.9921-09



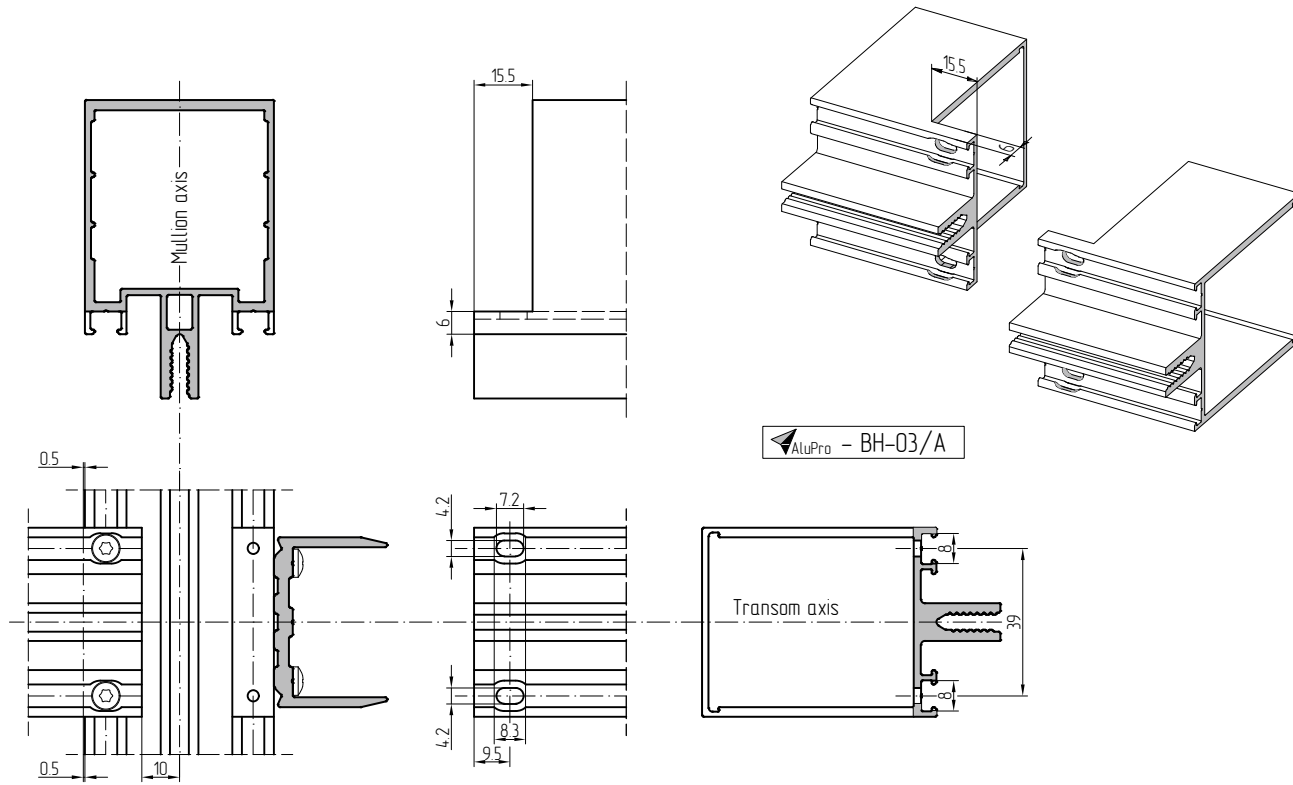
Processing of 6 mm shaped notch connection transoms without end plugs



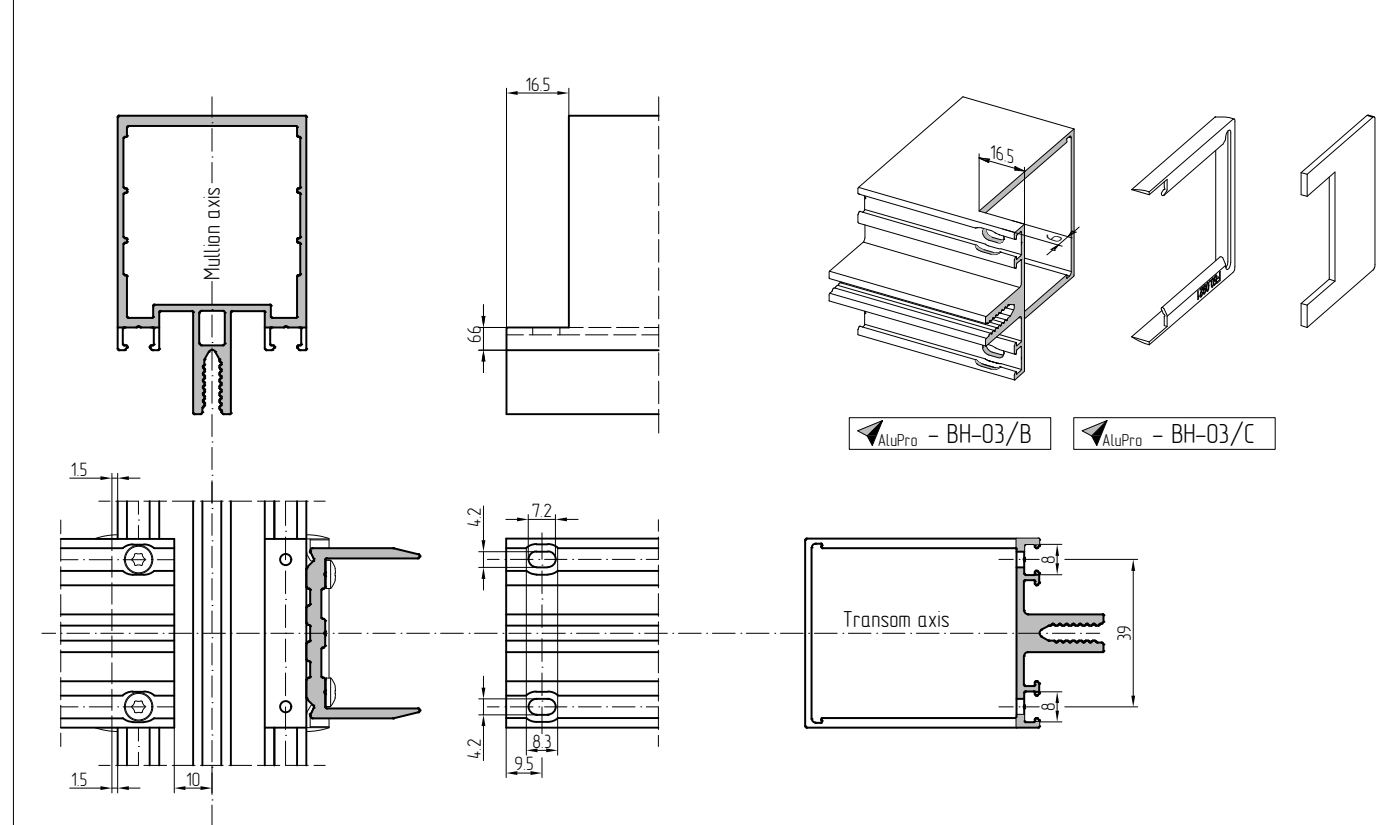
Processing of notch connection transoms 6 mm with plastic end plugs AYPC.F50.0921, AYPC.F50.0921-01, AYPC.F50.0921-02, AYPC.F50.0921-06, and plugs made of EPDM AYPC.F50.9921, AYPC.F50.9921-01, AYPC.F50.9921-02, AYPC.F50.9921-03, AYPC.F50.9921-04, AYPC.F50.9921-05, AYPC.F50.9921-06, AYPC.F50.9921-07, AYPC.F50.9921-08, AYPC.F50.9921-09



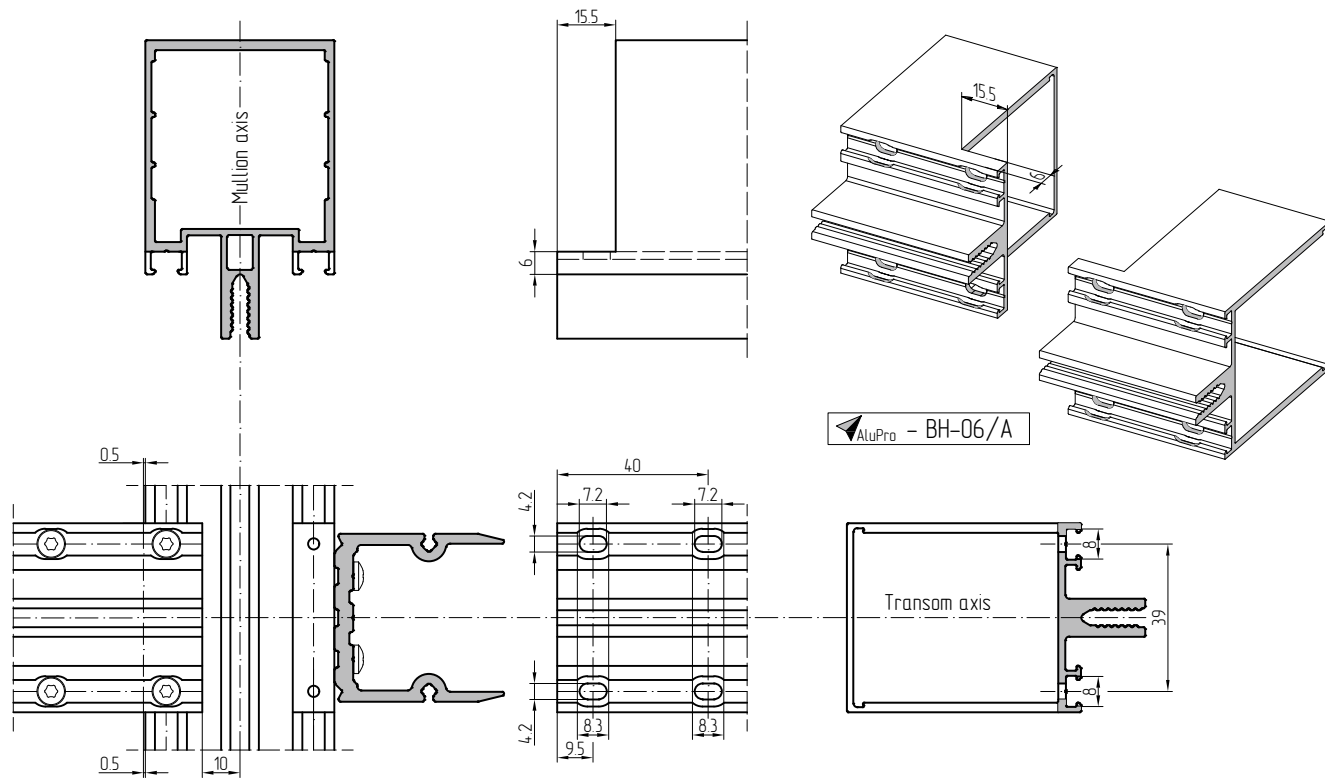
Processing of notch connection transoms of the 2 level 6 mm without plastic end plugs



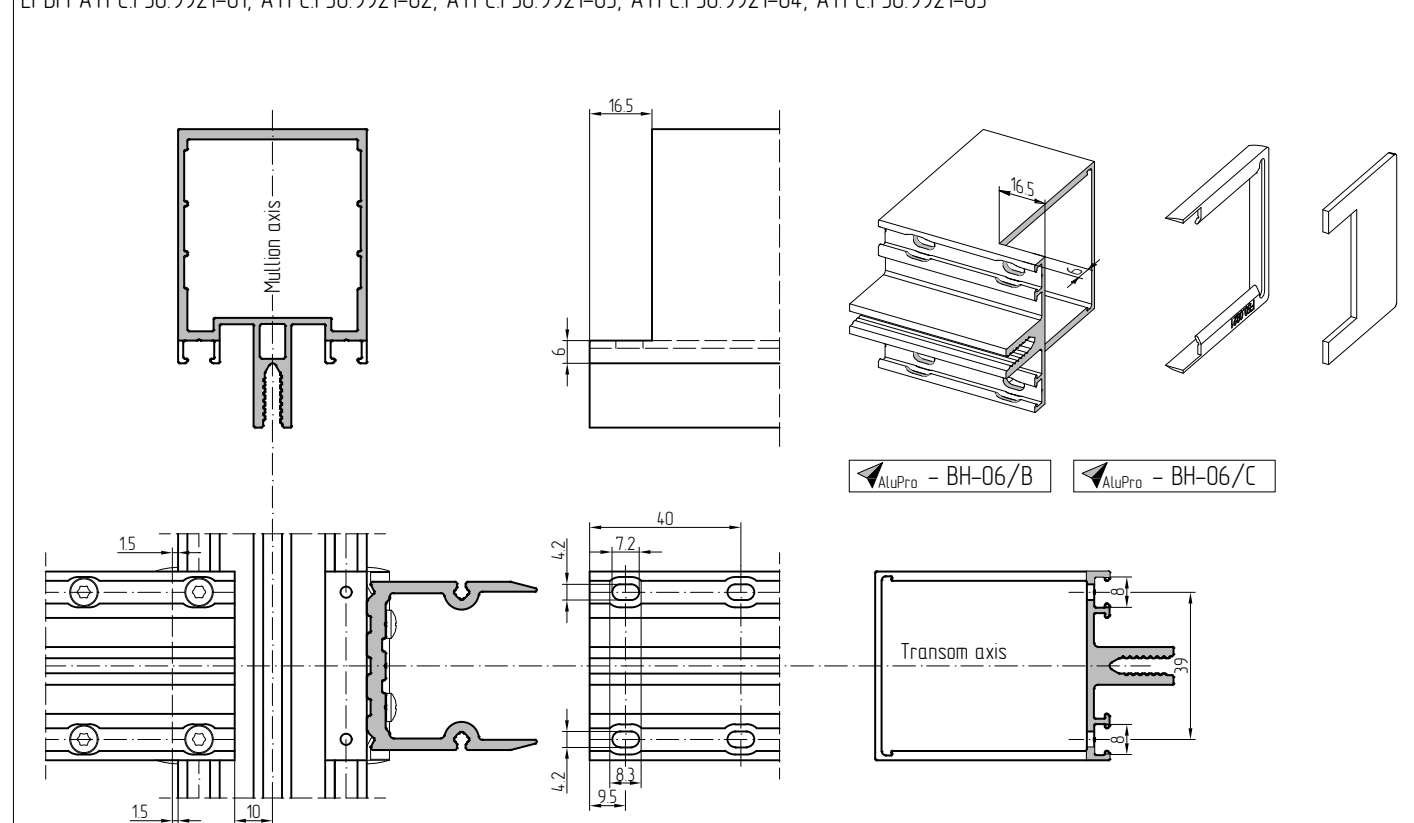
Processing of shaped notch connection transoms of the 2 level 6 mm with plastic end plugs AYPC.F50.0921, AYPC.F50.0921-01 and plugs made of EPDM AYPC.F50.9921-01, AYPC.F50.9921-02, AYPC.F50.9921-03, AYPC.F50.9921-04, AYPC.F50.9921-05



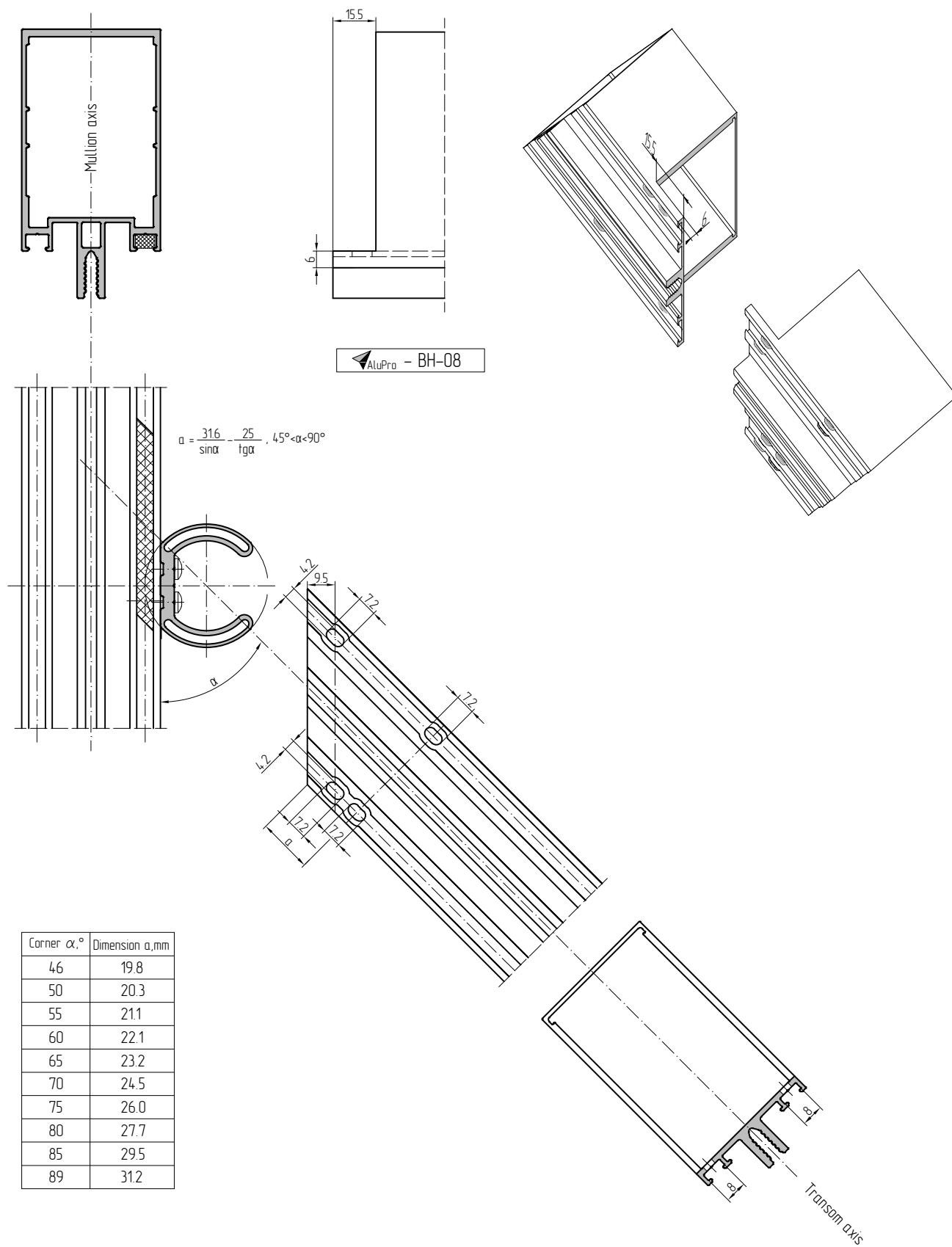
Processing of notch connection transoms of the 2 level 6 mm without plastic end plugs



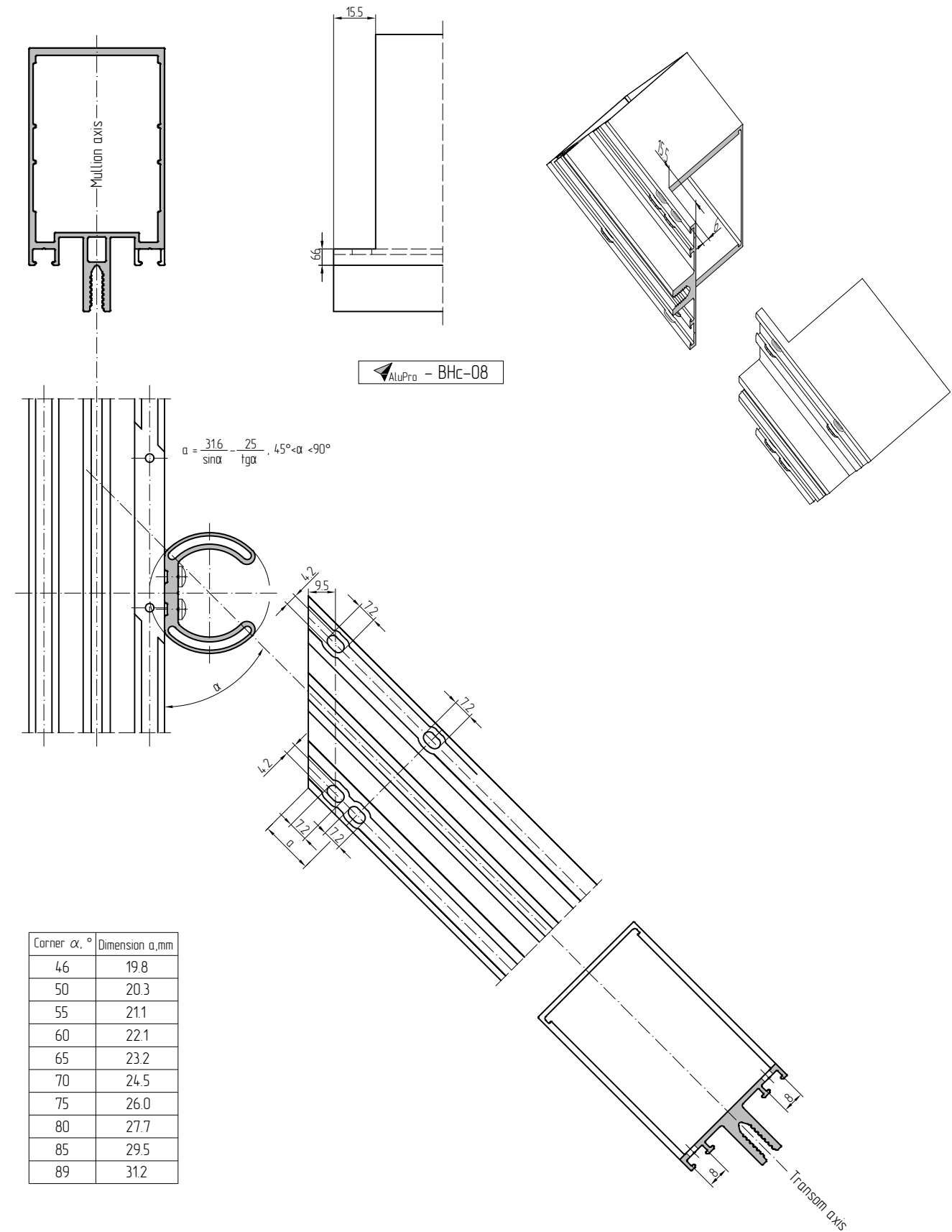
Processing of shaped notch connection transoms of the 2 level 6 mm with plastic end plugs AYPC.F50.0921, AYPC.F50.0921-01, and plugs made of EPDM AYPC.F50.9921-01, AYPC.F50.9921-02, AYPC.F50.9921-03, AYPC.F50.9921-04, AYPC.F50.9921-05



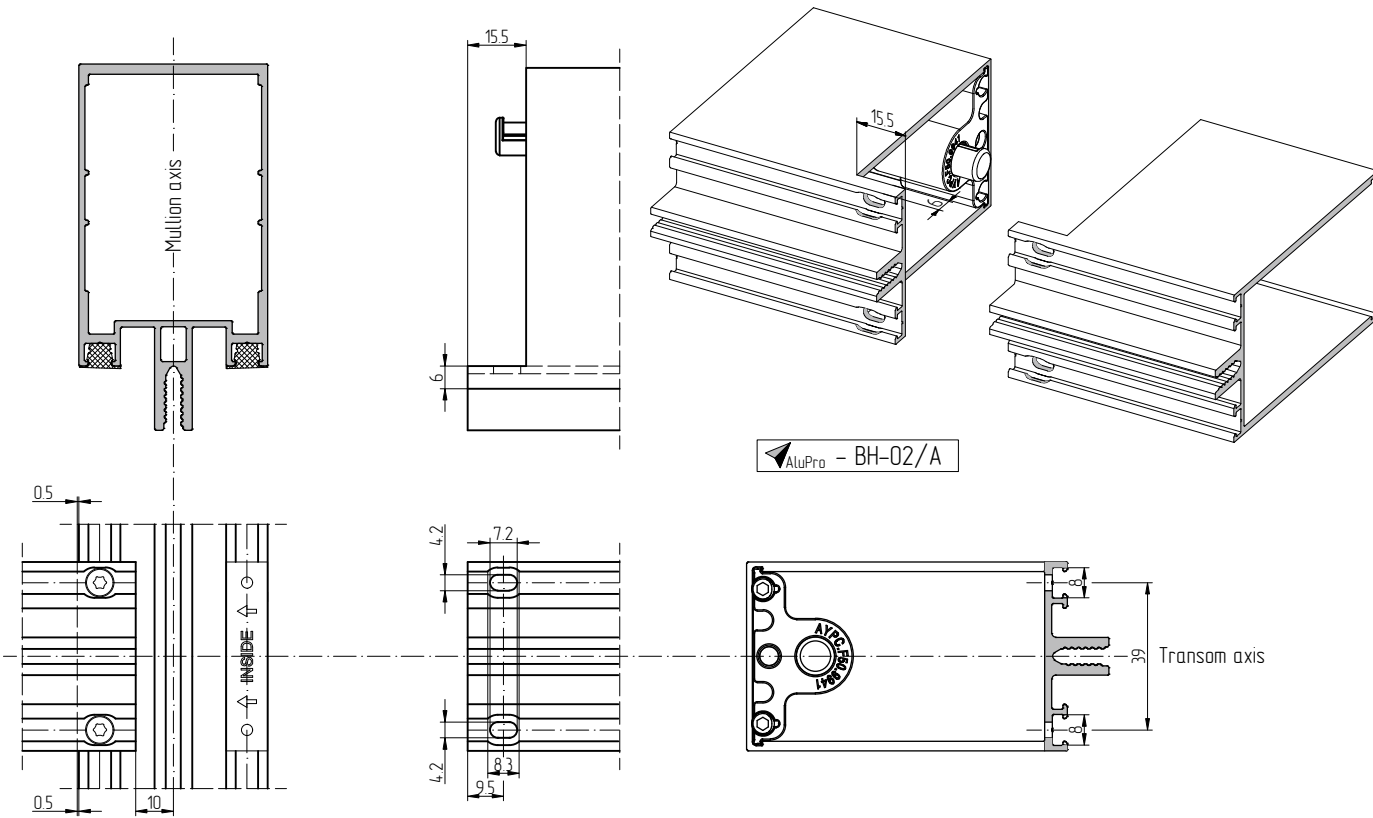
Processing of transoms 6 mm overlapped



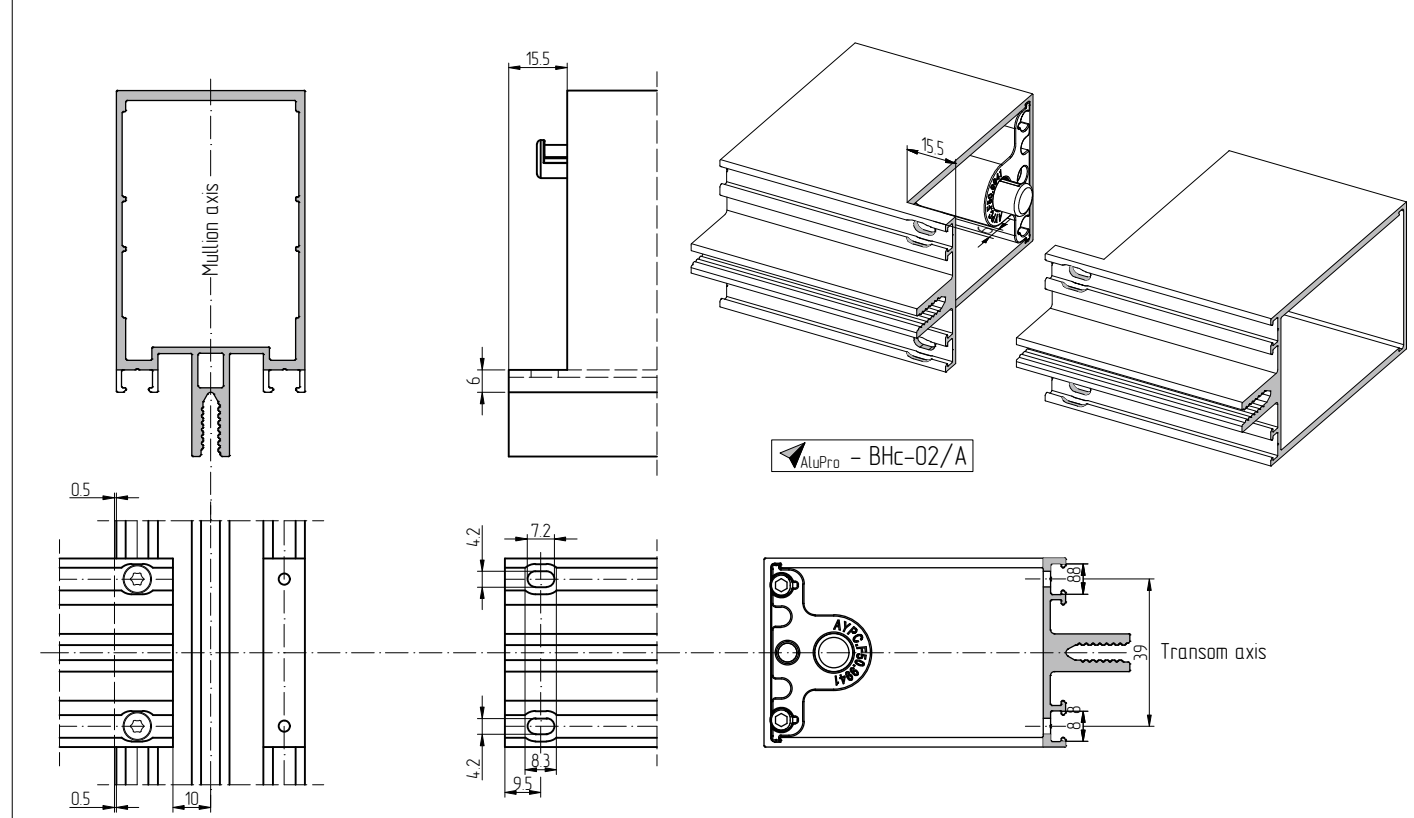
Processing of 2nd-level transom profiles, overlapped milling 6 mm



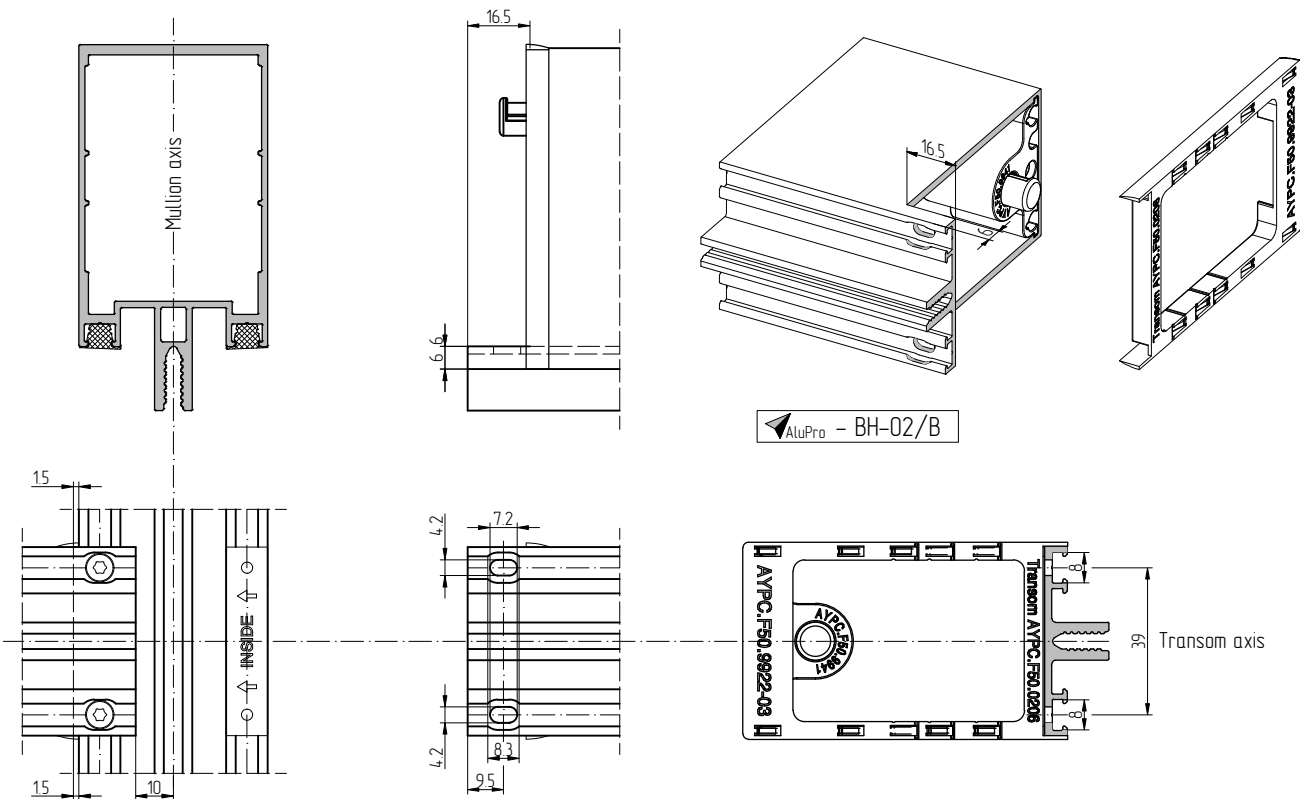
Processing of transoms 6 mm overlapped without end plugs



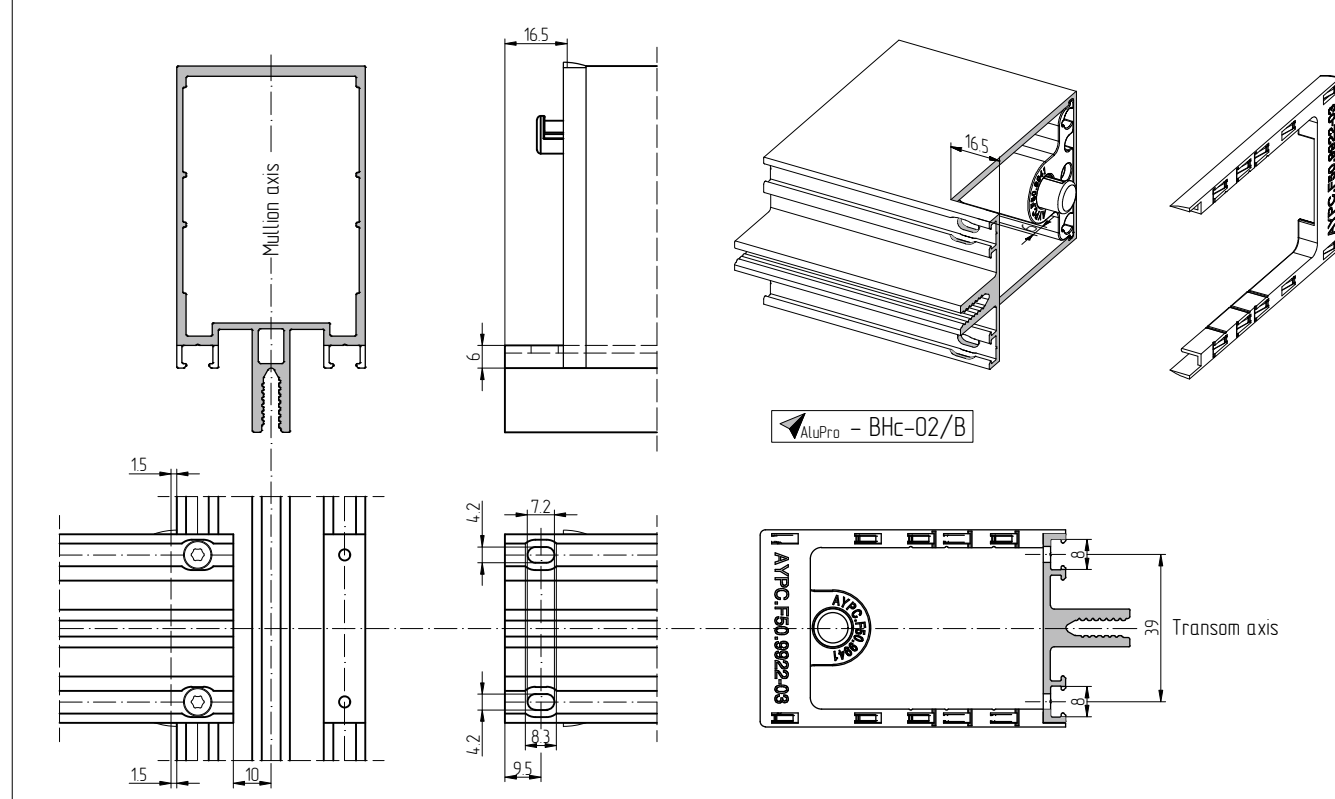
Processing of 2nd-level transom profiles, overlapped milling 6 mm without end plugs



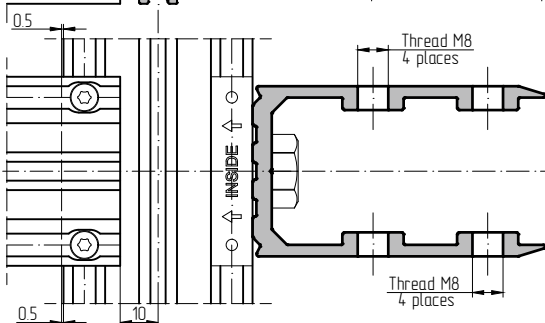
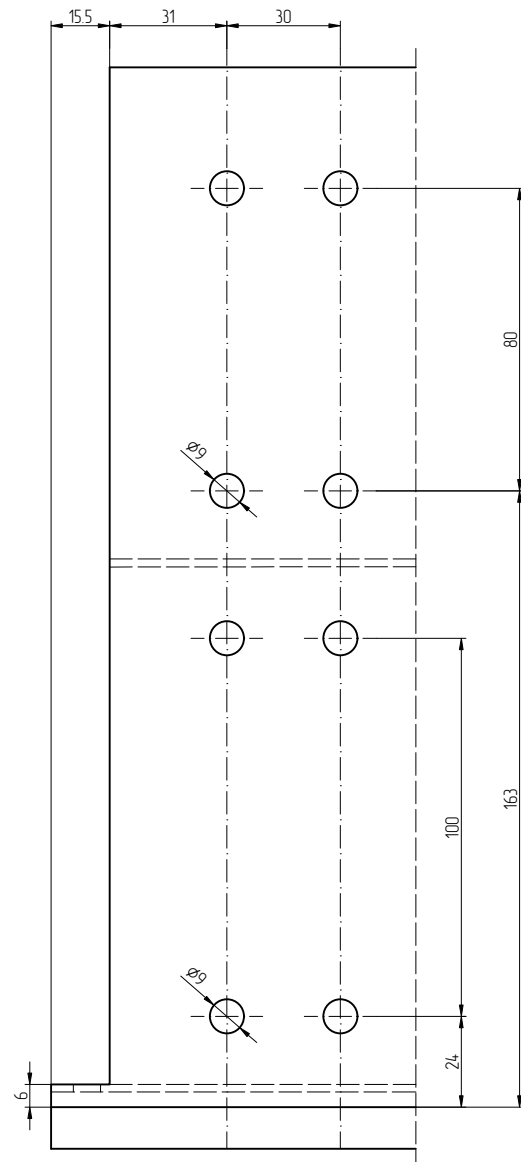
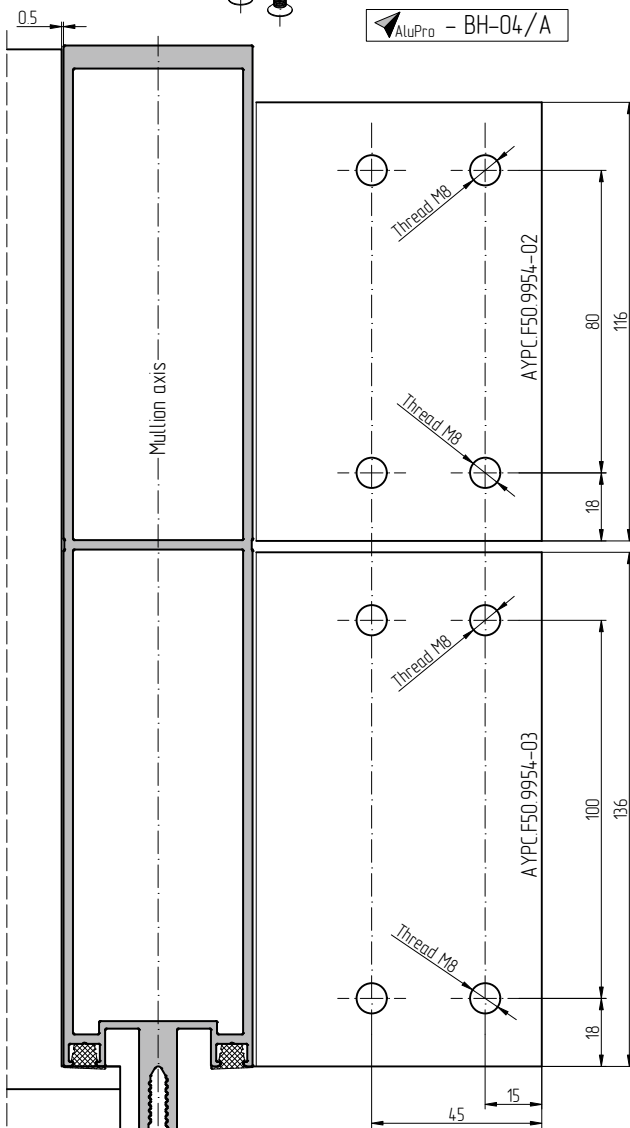
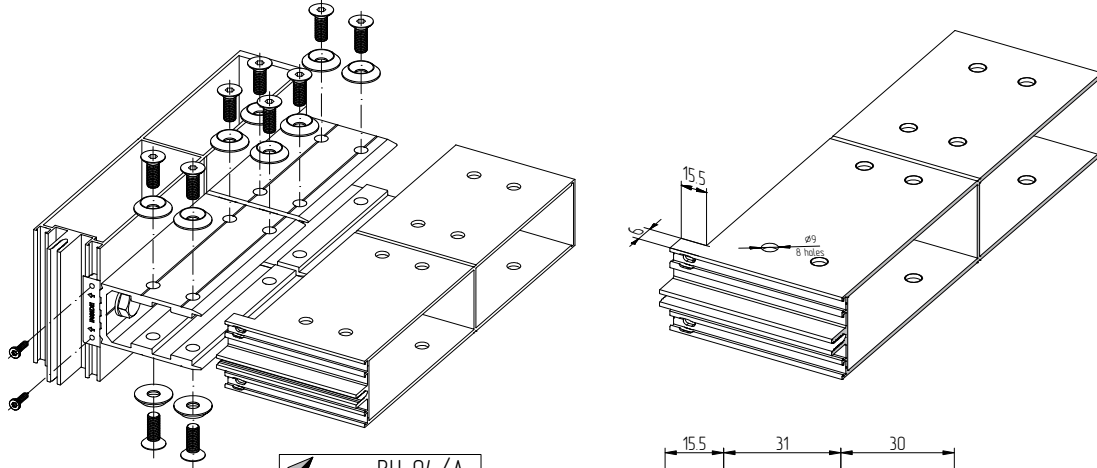
Processing of transoms 6 mm overlapped with plastic end plugs AYPC.F50.9922, AYPC.F50.9922-01, AYPC.F50.9922-02, AYPC.F50.9922-03, AYPC.F50.9922-04, AYPC.F50.9922-05



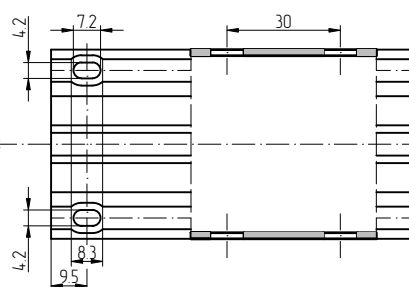
Processing of 2nd-level transom profiles, overlapped milling 6 mm with plastic end plugs AYPC.F50.9922-02, AYPC.F50.9922-03, AYPC.F50.9922-04



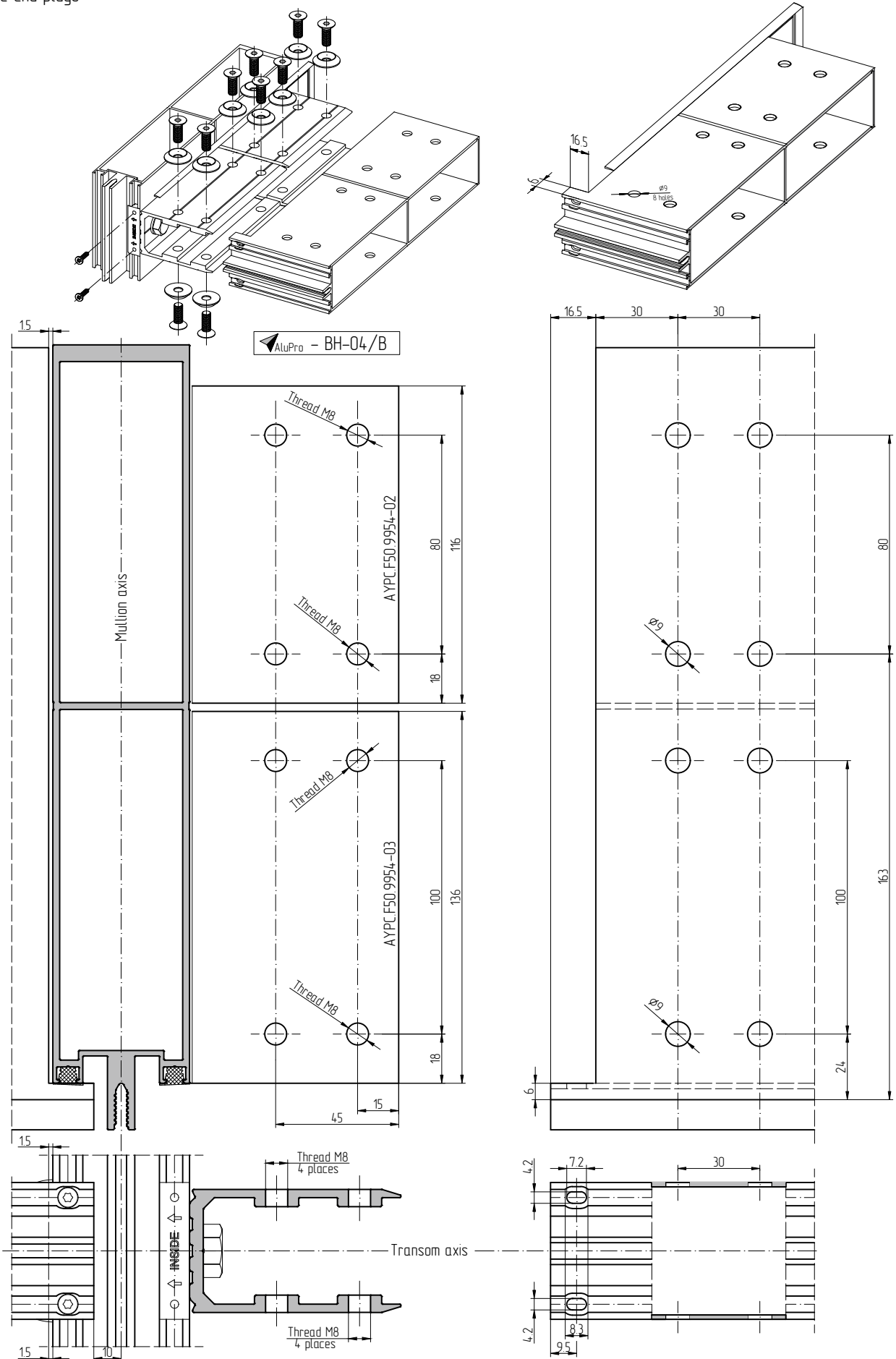
Processing of joining elements made of AYPC.F50.0407 and AYPC.F50.0220 transoms. Overlapped connection 6 mm without end plugs



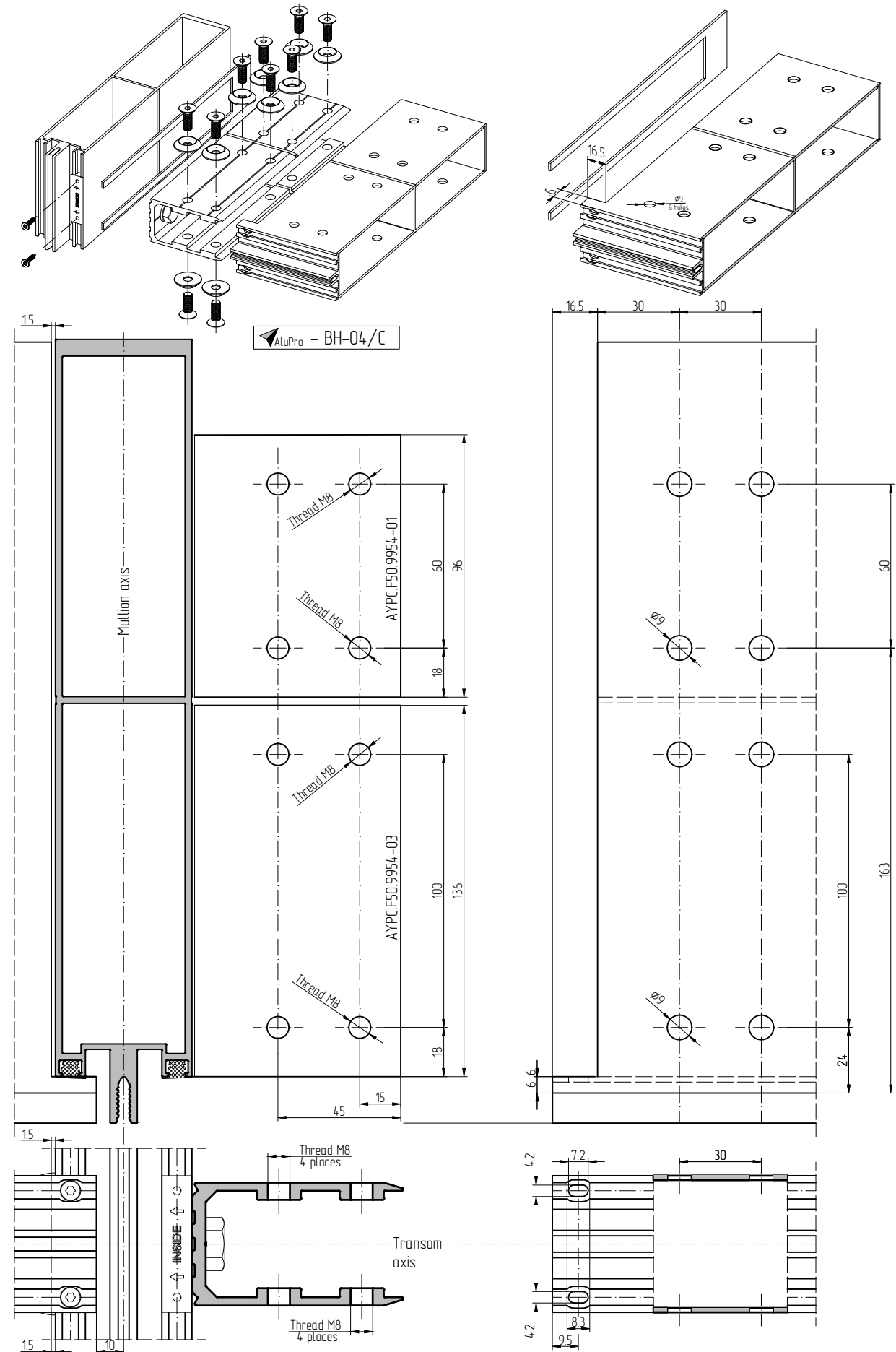
Transom axis



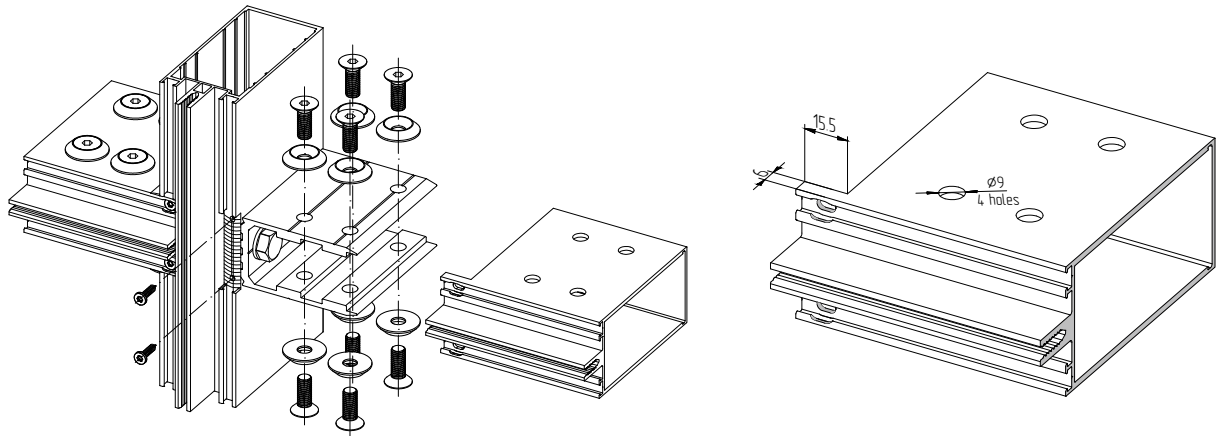
Processing of joining elements made of AYP.C.F50.0407 and AYP.C.F50.0220 transoms. Overlapped connection 6 mm with AYP.C.F50.0921-06 plastic end plugs



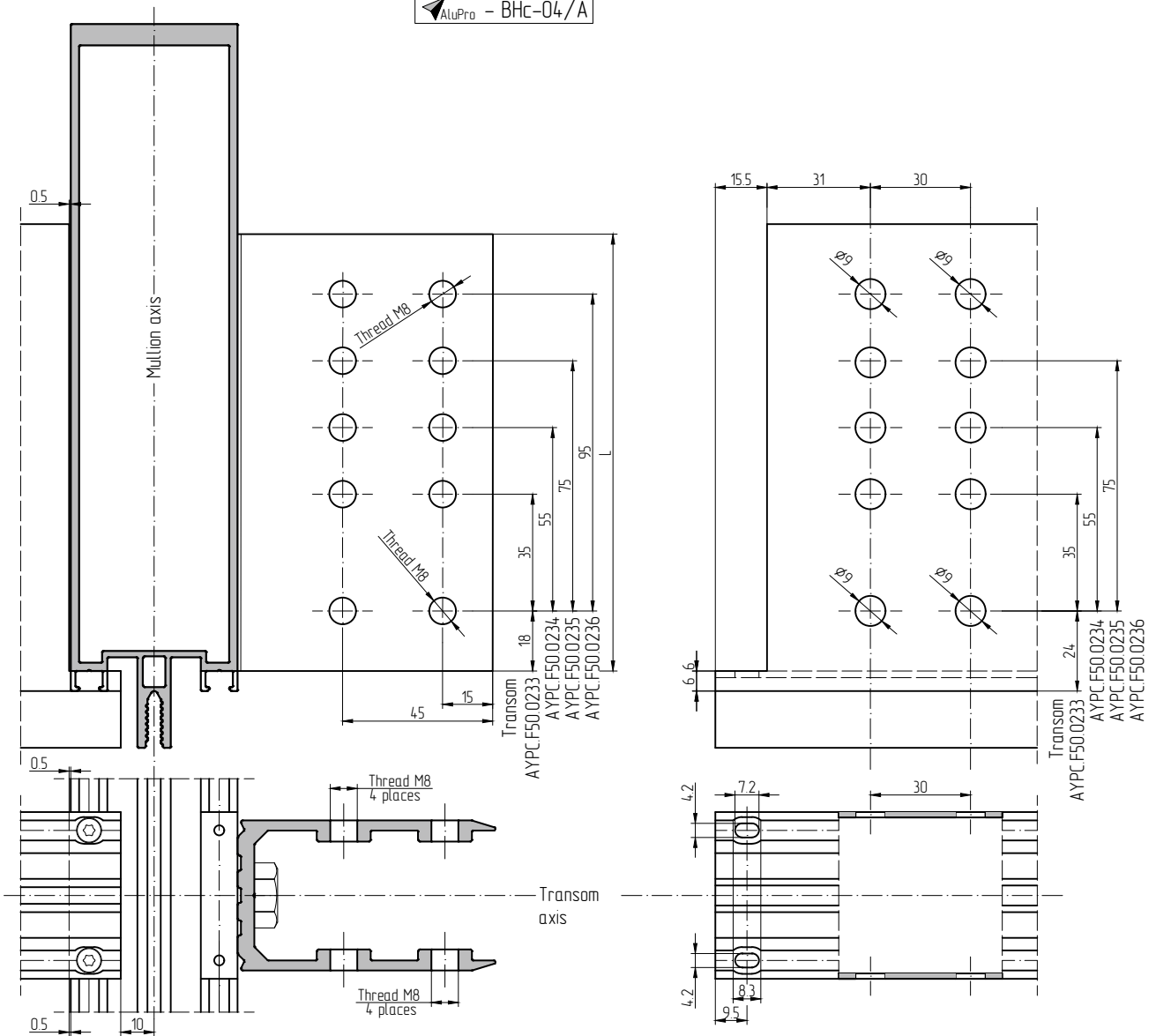
Processing of joining elements made of AYPC.F50.0407 and AYPC.F50.0220 transoms. Overlapped connection 6 mm with AYPC.F50.9921-09 plugs made of EPDM



Processing of joining elements made of AYPC.F50.0407 and 2nd-level transoms. Overlapped connection, milling 6 mm without end plugs

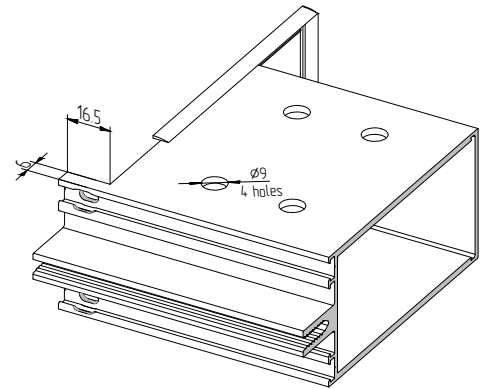
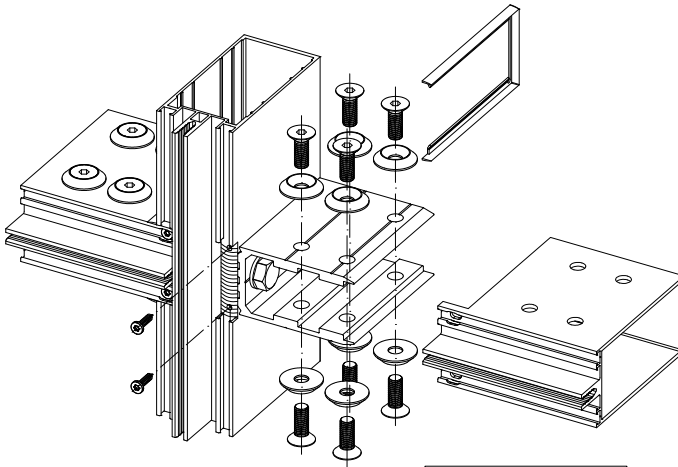


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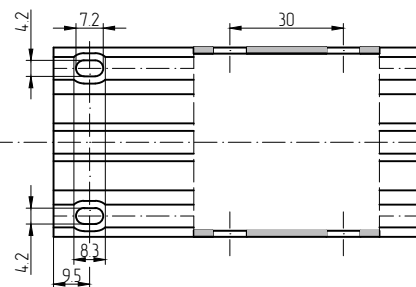
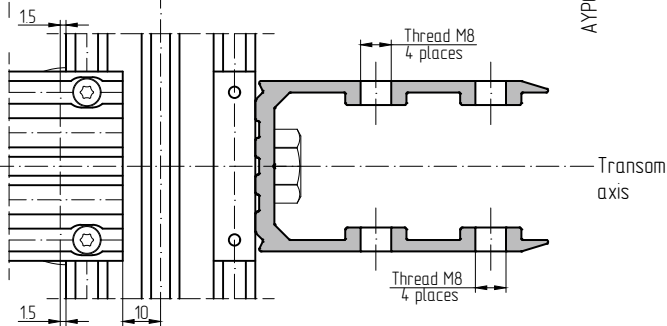
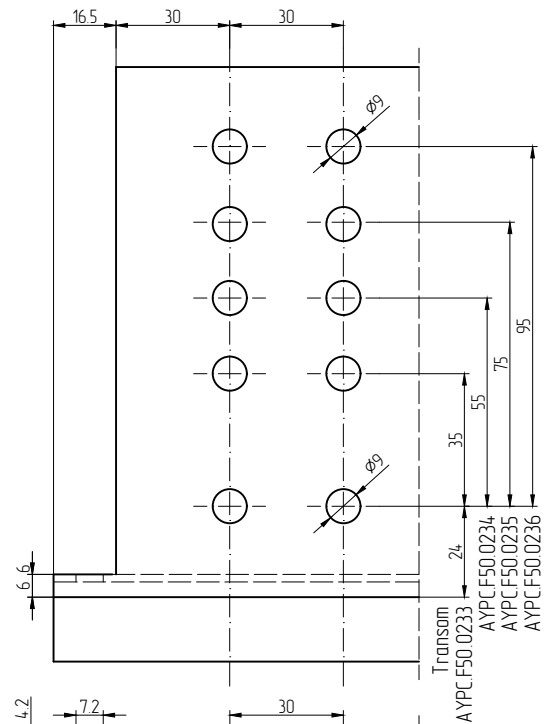
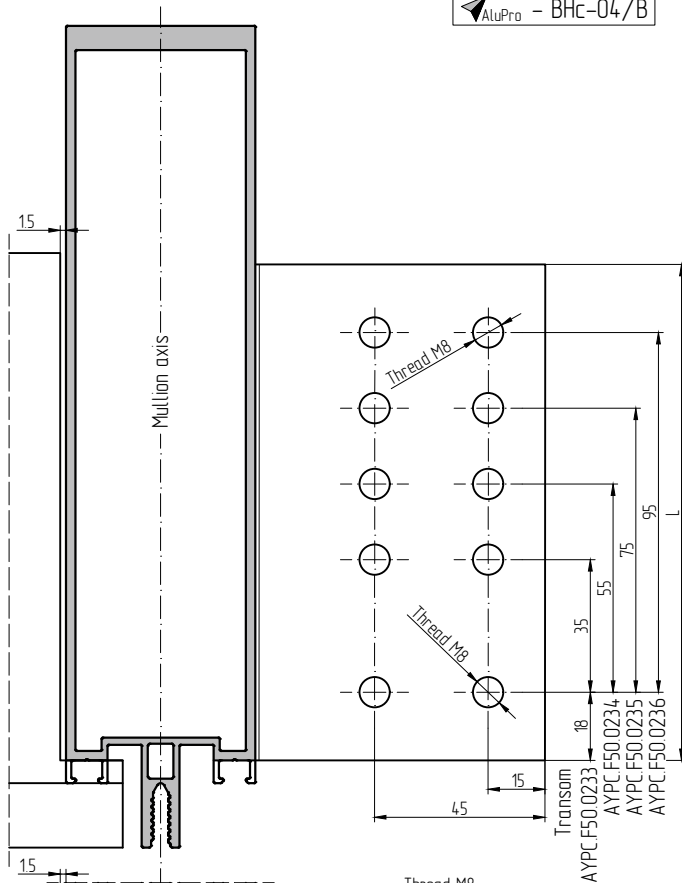


Joining element made of AYPC.F50.0407				
Length L, mm	71	91	111	131
For a transom	AYPC.F50.0233	AYPC.F50.0234	AYPC.F50.0235	AYPC.F50.0236

Processing of joining elements made of AYPC.F50.0407 and 2nd-level transoms. Overlapped connection 6 mm with AYPC.F50.0921, AYPC.F50.0921-01 plastic end plugs

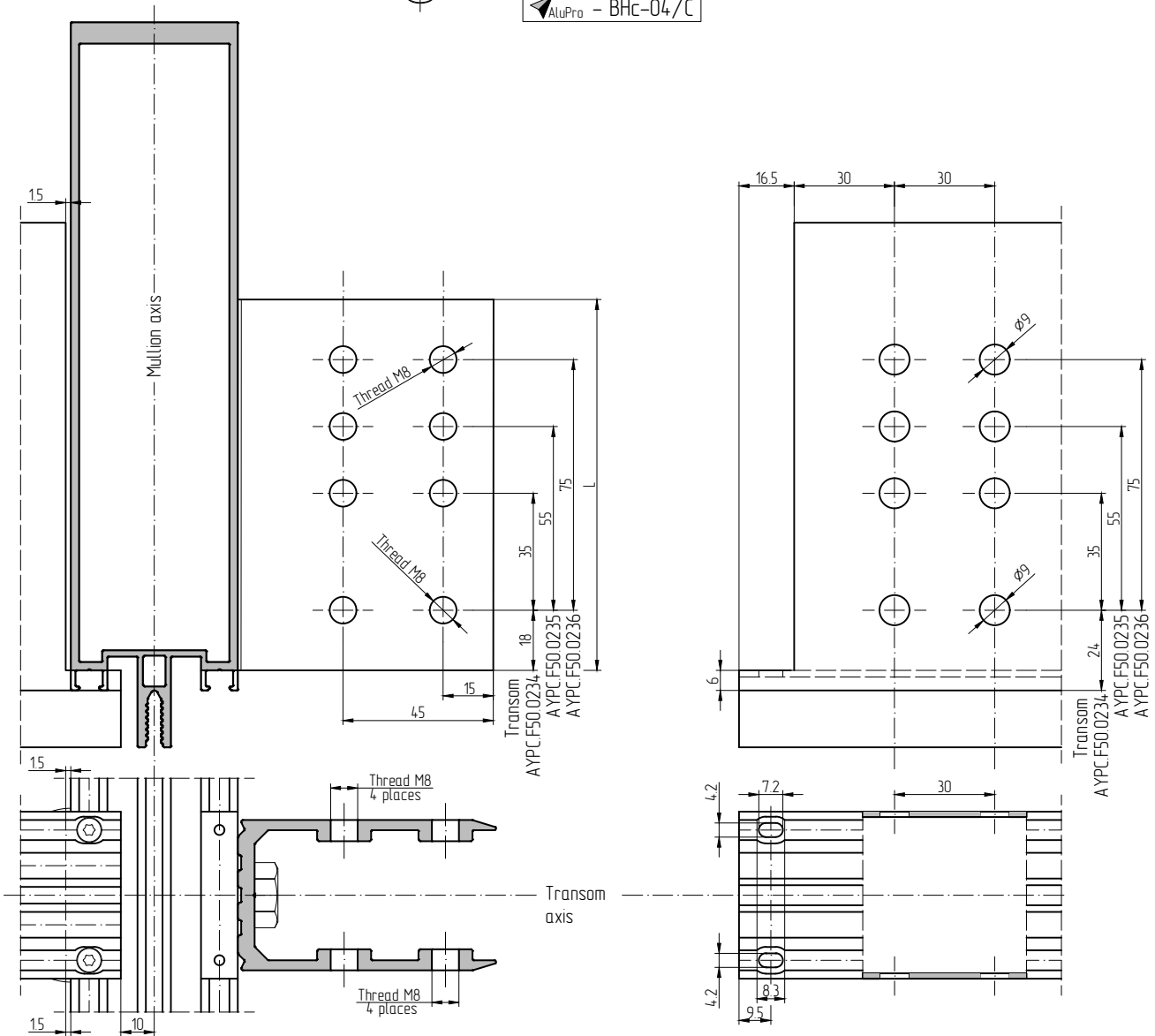
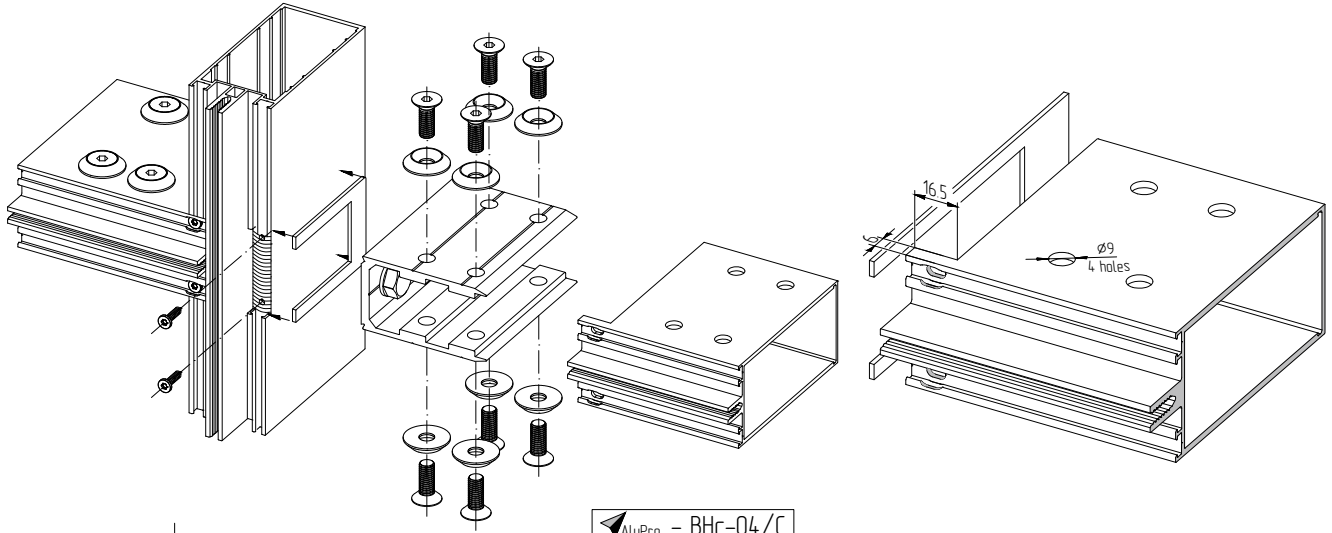


AluPro - BHc-04/B



Joining element made of AYPC.F50.0407				
Length L, mm	71	91	111	131
For a transom	AYPC.F50.0233	AYPC.F50.0234	AYPC.F50.0235	AYPC.F50.0236

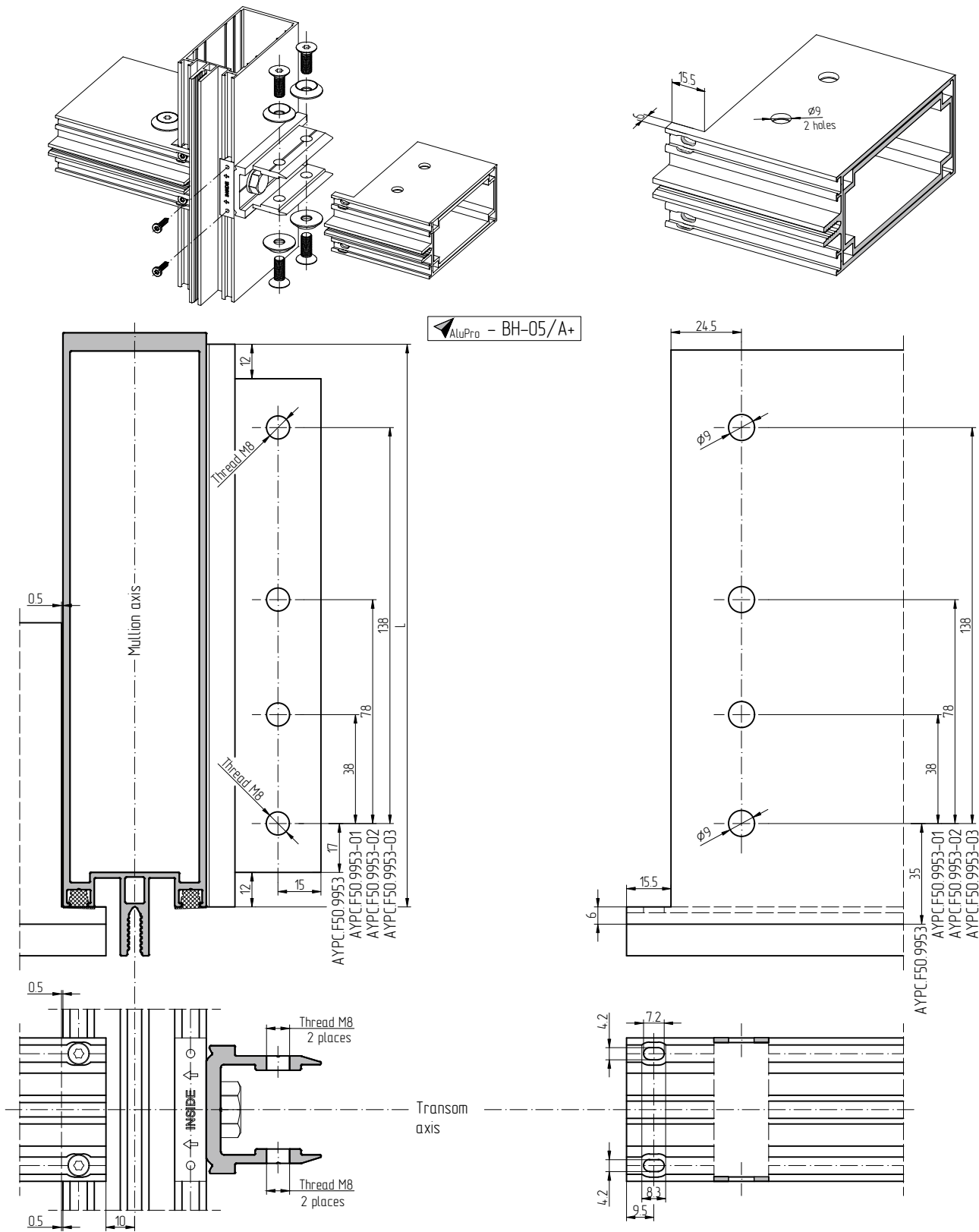
Processing of joining elements made of AYP.C.F50.0407 and 2nd-level transoms. Overlapped connection 6 mm with AYP.C.F50.9921-03, AYP.C.F50.9921-04, AYP.C.F50.9921-05 end plugs made of EPDM



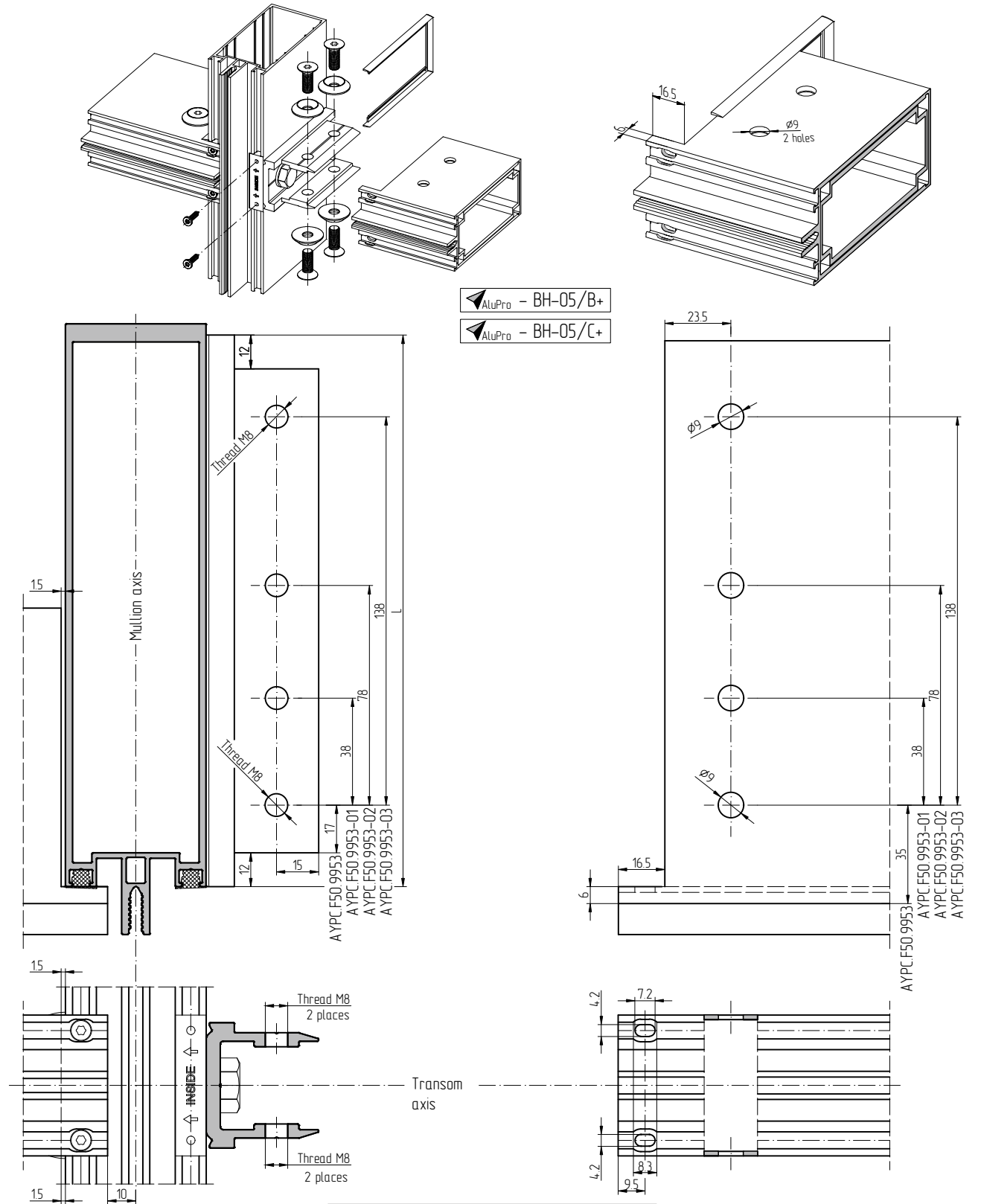
Joining element made of profile AYP.C.F50.0407			
Length L, mm	71	91	111
For a transom	AYP.C.F50.0234	AYP.C.F50.0235	AYP.C.F50.0236

Processing of joining elements made of AYPC.F50.0417 and transoms. Overlapped connection 6 mm without end plugs

Processing of joining elements made of AYPC.F50.0417, overlapped transoms 6 mm with plastic end plugs AYPC.F50.0921, AYPC.F50.0921-01, AYPC.F50.0921-06, as well as plugs made of EPDM AYPC.F50.9921-01, AYPC.F50.9921-02, AYPC.F50.9921-03, AYPC.F50.9921-04, AYPC.F50.9921-05, AYPC.F50.9921-06, AYPC.F50.9921-07, AYPC.F50.9921-09



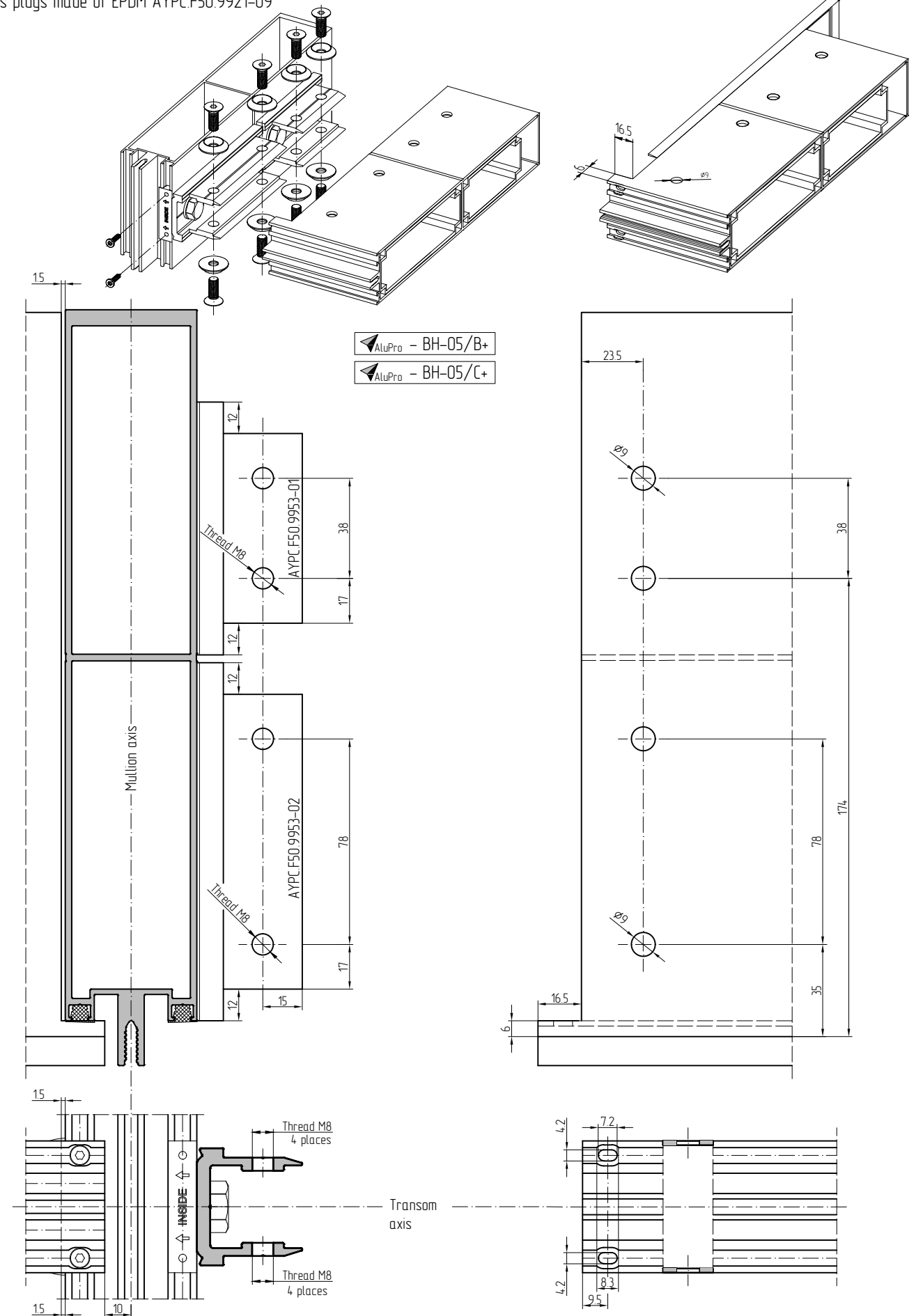
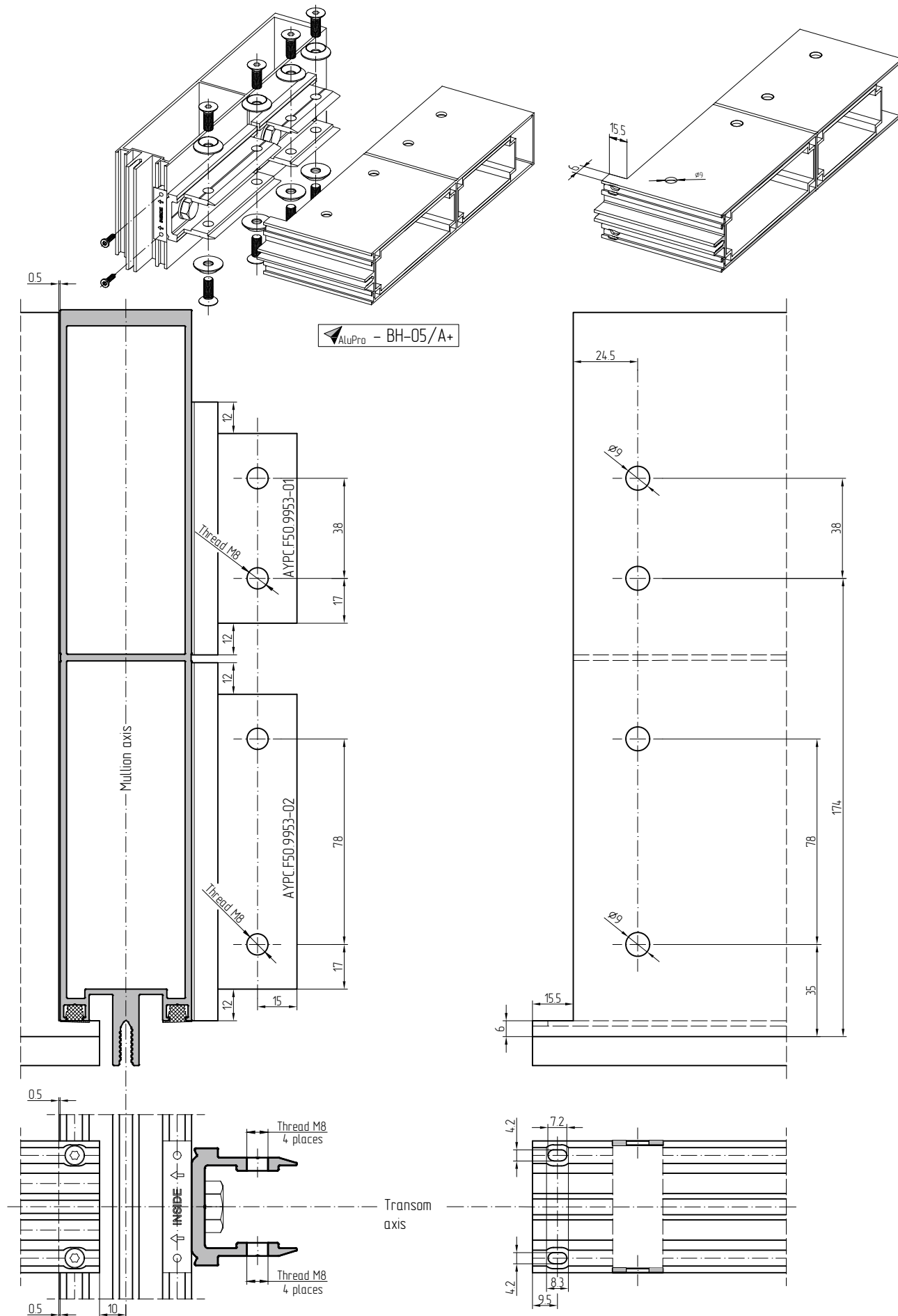
Joining element made of profile AYPC.F50.0417		
Article	Length L, mm	For a reinforcer
AYPC.F50.9953	58	AYPC.F50.0318
AYPC.F50.9953-01	96	AYPC.F50.0319
AYPC.F50.9953-02	136	AYPC.F50.0320
AYPC.F50.9953-03	196	AYPC.F50.0321



Joining element made of profile AYPC.F50.0417		
Article	Length L, mm	For a reinforcer
AYPC.F50.9953	58	AYPC.F50.0318
AYPC.F50.9953-01	96	AYPC.F50.0319
AYPC.F50.9953-02	136	AYPC.F50.0320
AYPC.F50.9953-03	196	AYPC.F50.0321

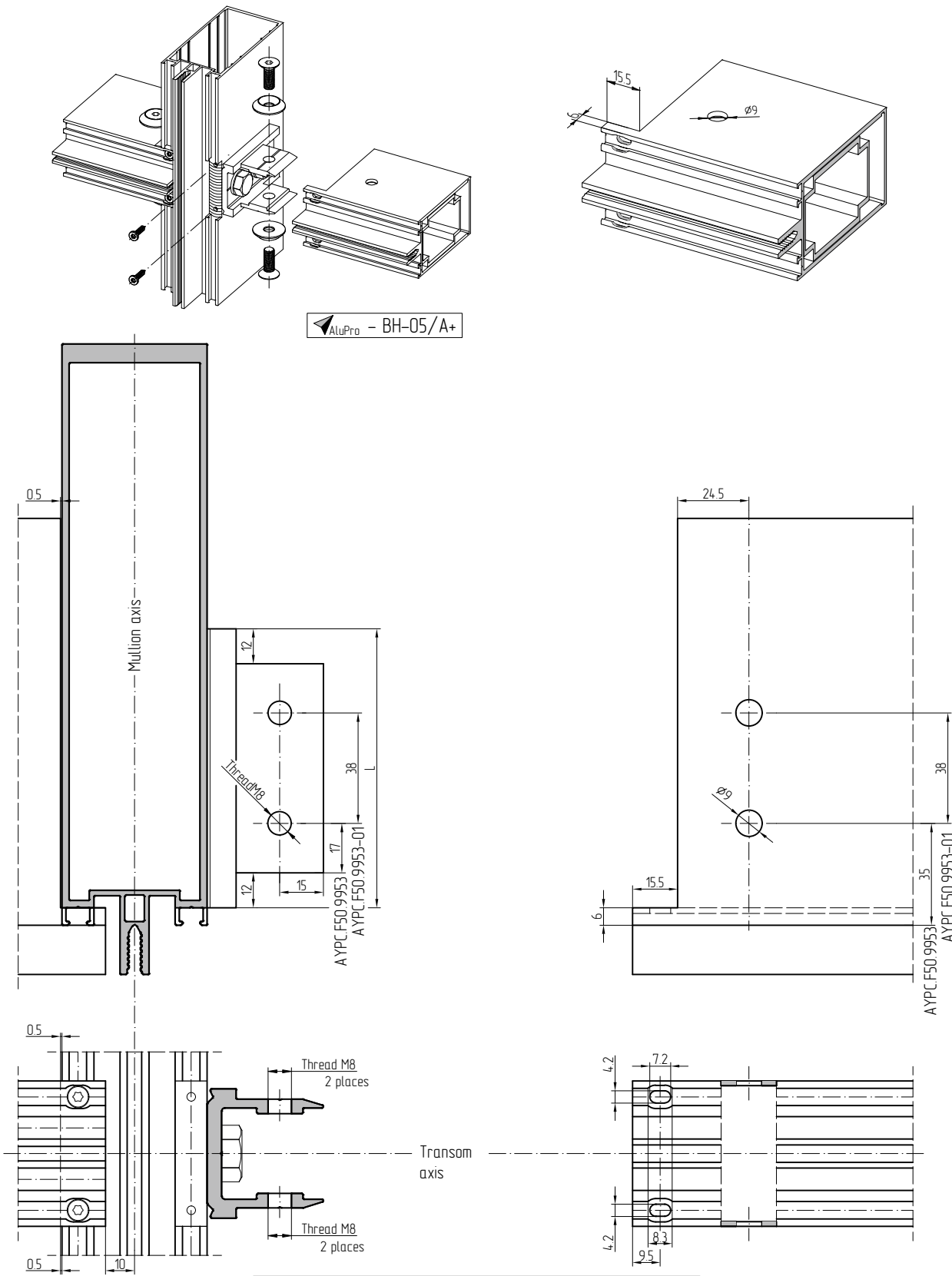
Processing of joining elements made of AYPC.F50.0417 and AYPC.F50.0220 transoms. Overlapped connection 6 mm without end plugs

Overlapped processing of joining elements made of AYPC.F50.0417 and AYPC.F50.0220 transoms 6 mm with AYPC.F50.0921-06 plastic end plugs, as well as plugs made of EPDM AYPC.F50.9921-09

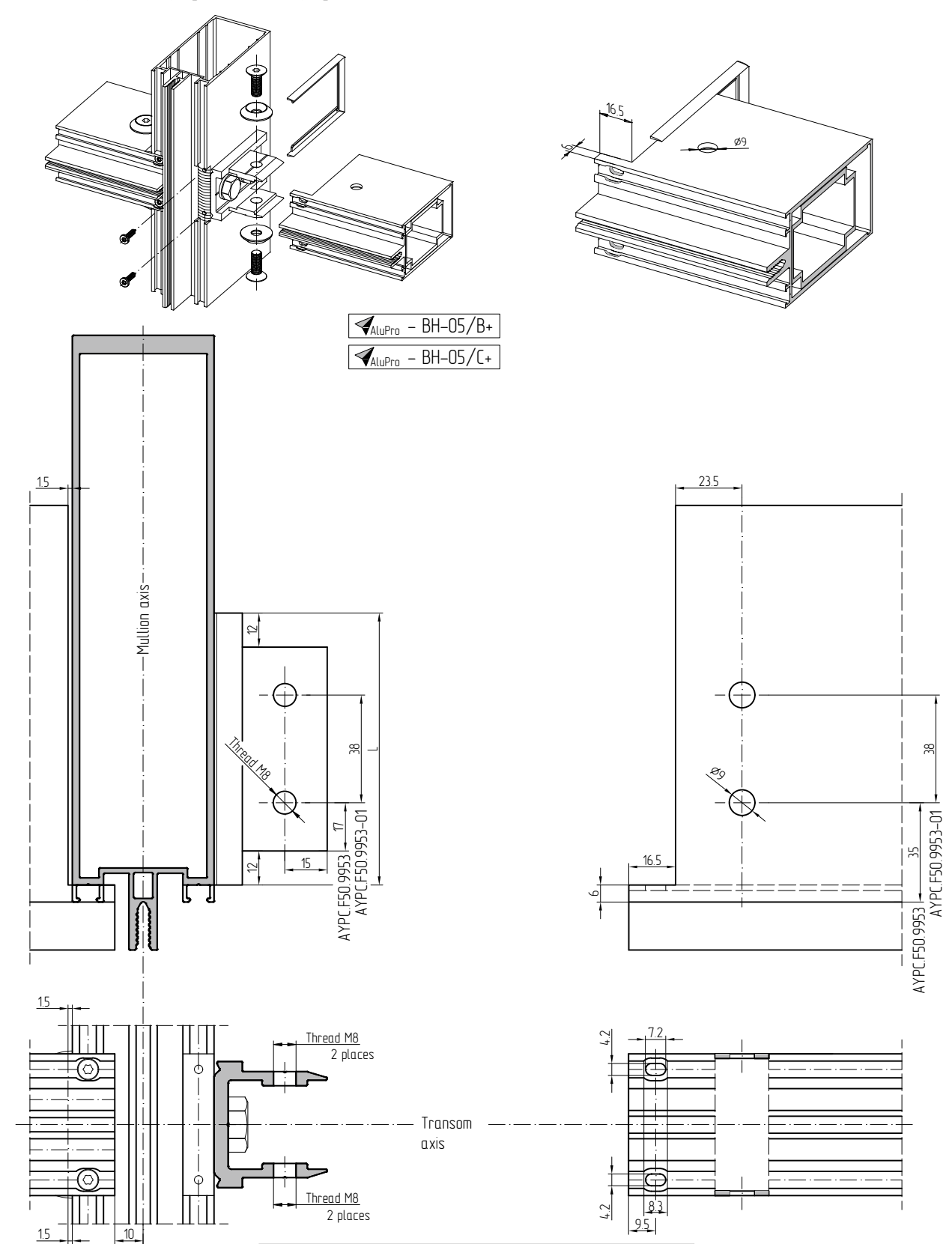


Processing of joining elements made of AYPC.F50.0417 and 2nd-level transoms. Overlapped connection, milling 6 mm without plastic end plugs

Processing of joining elements made of AYPC.F50.0417 and 2nd-level transoms. Overlapped connection 6 mm with AYPC.F50.0921, AYPC.F50.0921-01 plastic end plugs, as well as plugs made of EPDM AYPC.F50.9921-02, AYPC.F50.9921-03, AYPC.F50.9921-04, AYPC.F50.9921-05



AluPro - BH-05/A+



AluPro - BH-05/B+

AluPro - BH-05/C+

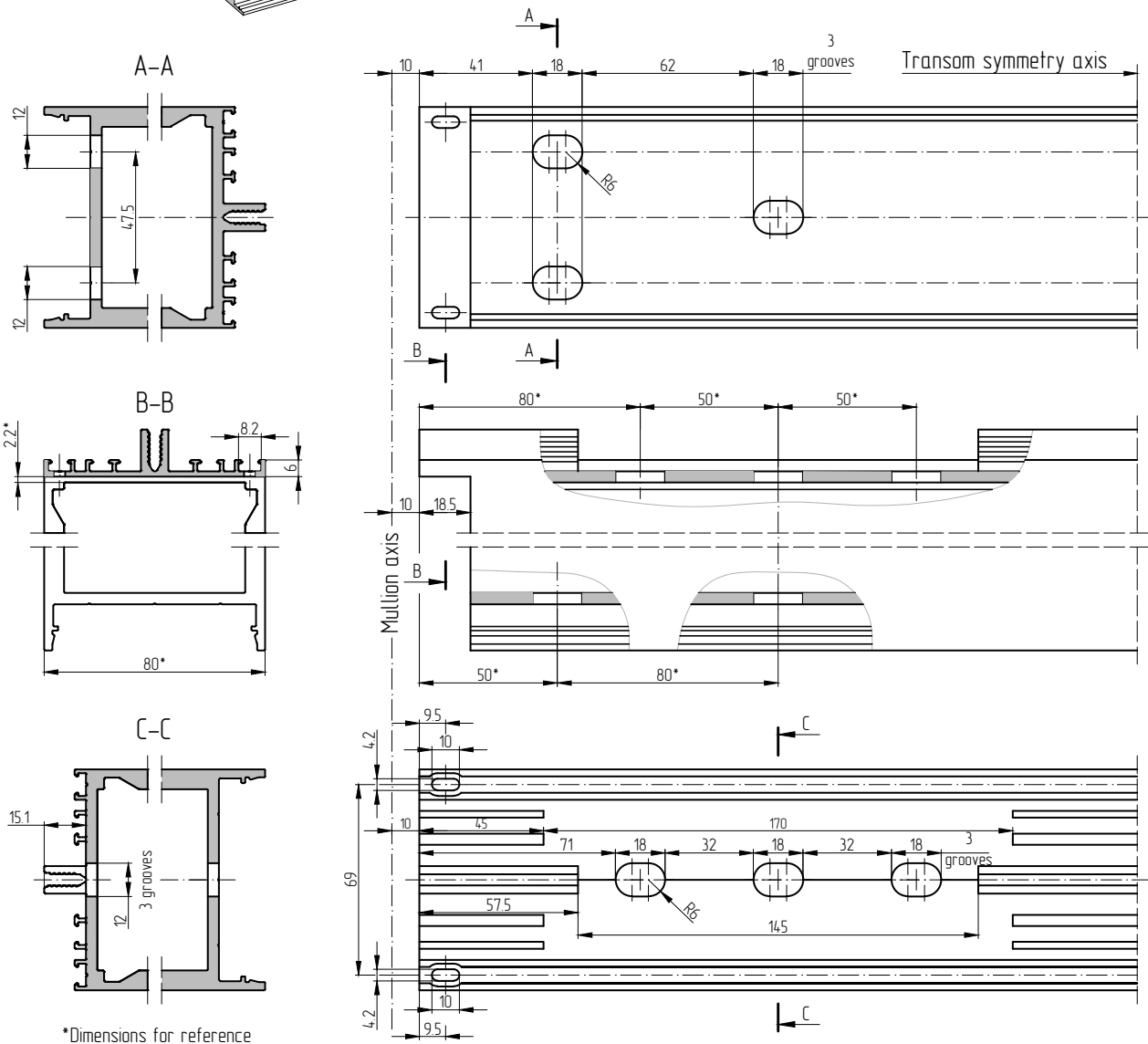
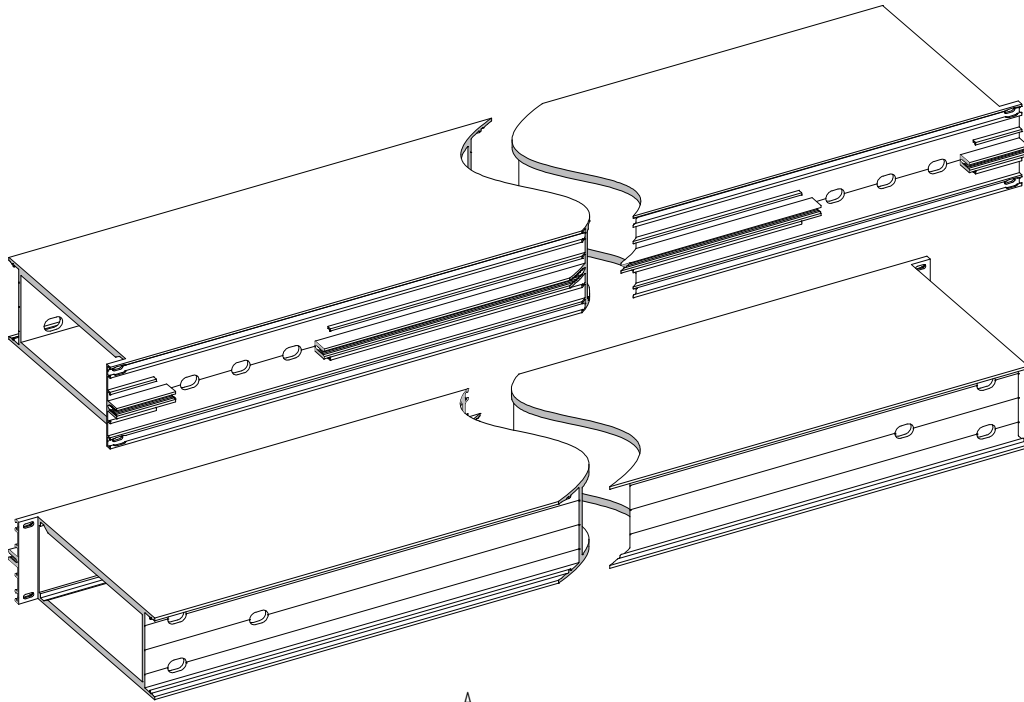
Joining elements made of profile AYPC.F50.0417

Article	Length L, mm	For a reinforcer	For a transom
AYPC.F50.9953	58	AYPC.F50.0318	AYPC.F50.0233 AYPC.F50.0234
AYPC.F50.9953-01	96	AYPC.F50.0319	AYPC.F50.0235 AYPC.F50.0236

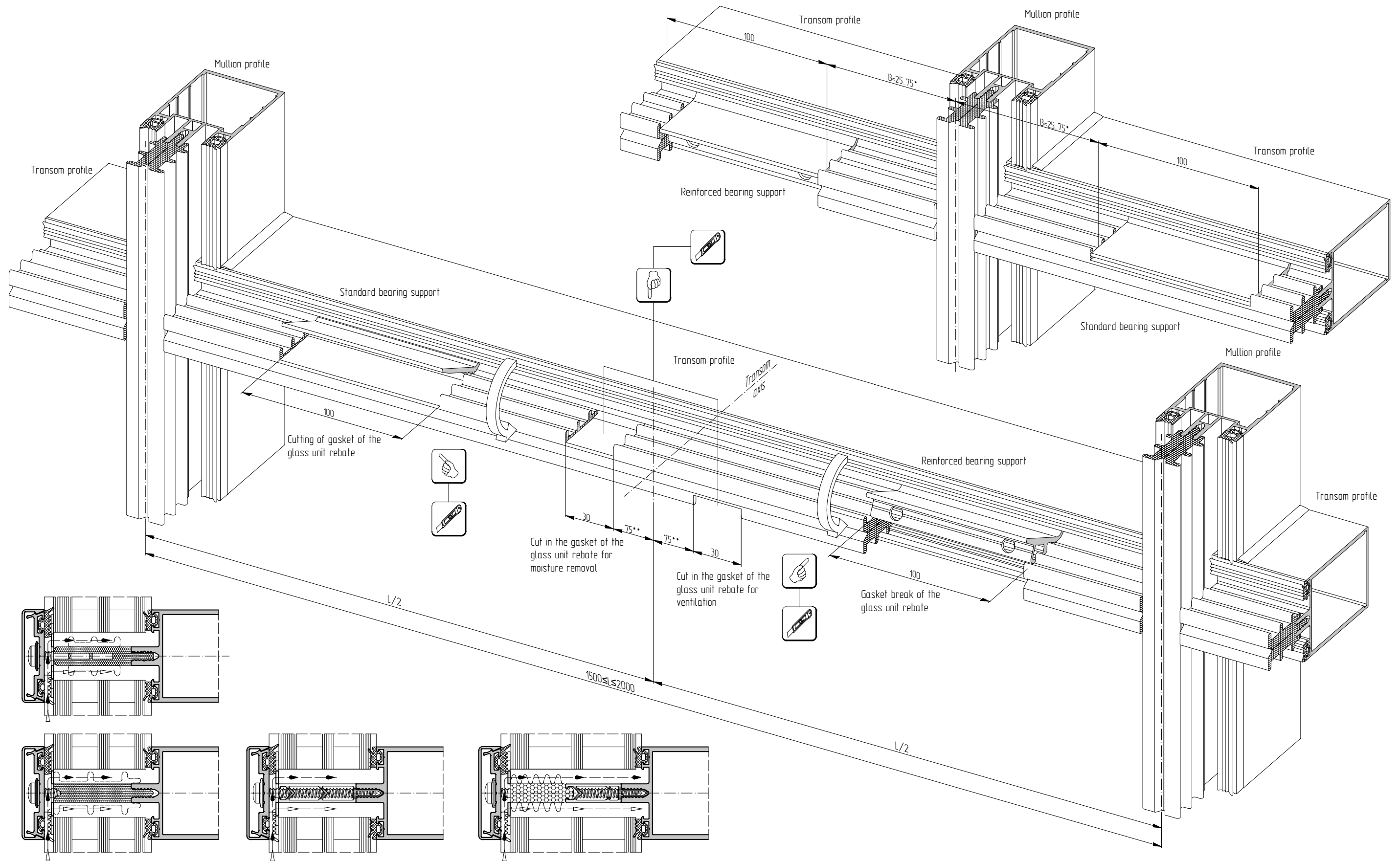
Joining elements made of AYPC.F50.0417

Article	Length L, mm	For a reinforcer	For a transom
AYPC.F50.9953	58	AYPC.F50.0318	AYPC.F50.0233 AYPC.F50.0234
AYPC.F50.9953-01	96	AYPC.F50.0319	AYPC.F50.0235 AYPC.F50.0236

Processing of AYPC.F50.0251, AYPC.F50.0253, AYPC.F50.0254 transoms



Processing of thermal breaks made of PE and installation of supports for glass units. Clamp bar AYPC.F50.0601F

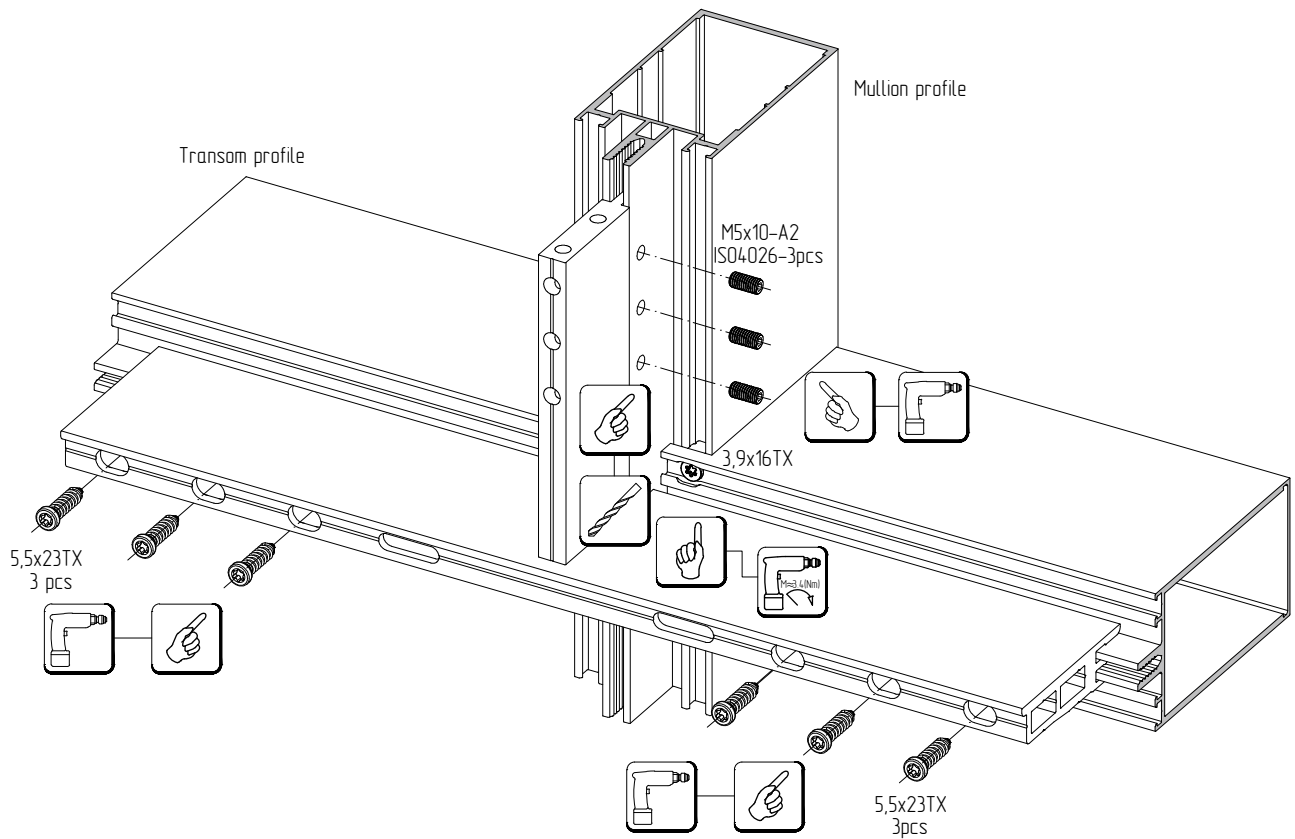


*If the distance is $B < 75$ cm, please contact the manufacturers of glass units for strength calculation of glasses.

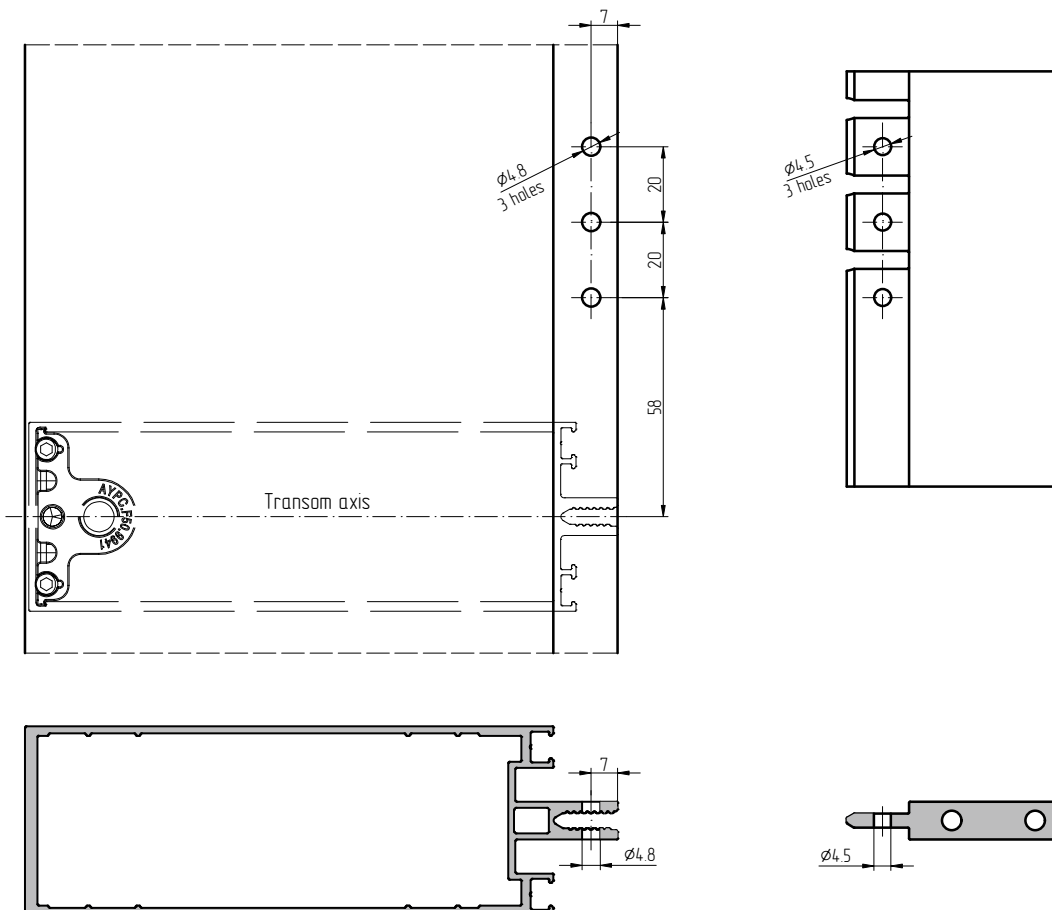
If a size is $L < 1500$ mm, do not make cuts in the gasket, with a $L > 2000$ mm, make a group of cuts of the gasket with a max. increment of 1000 mm symmetrically relative to the center of the transom.

**The cuts in the butyl tape should be made in accordance with the cuts in the gasket to ensure water removal and ventilation

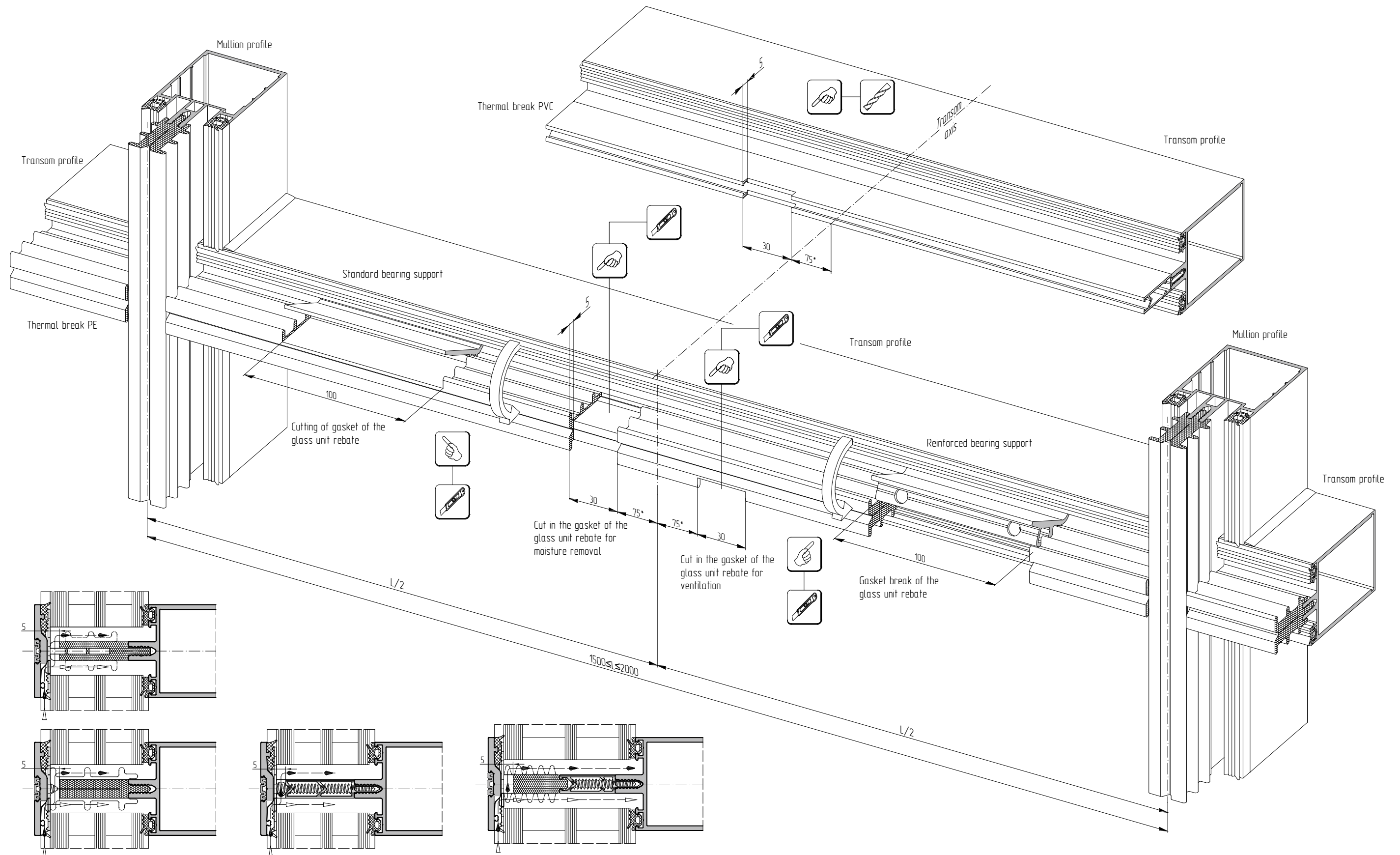
Processing of mullions with a side fastening of crossed bearing supports using adjusting screws M5x10



Processing of mullions with side fastening of crossed bearing supports is carried out at production site, the vertical part of the support is being drilled on-site

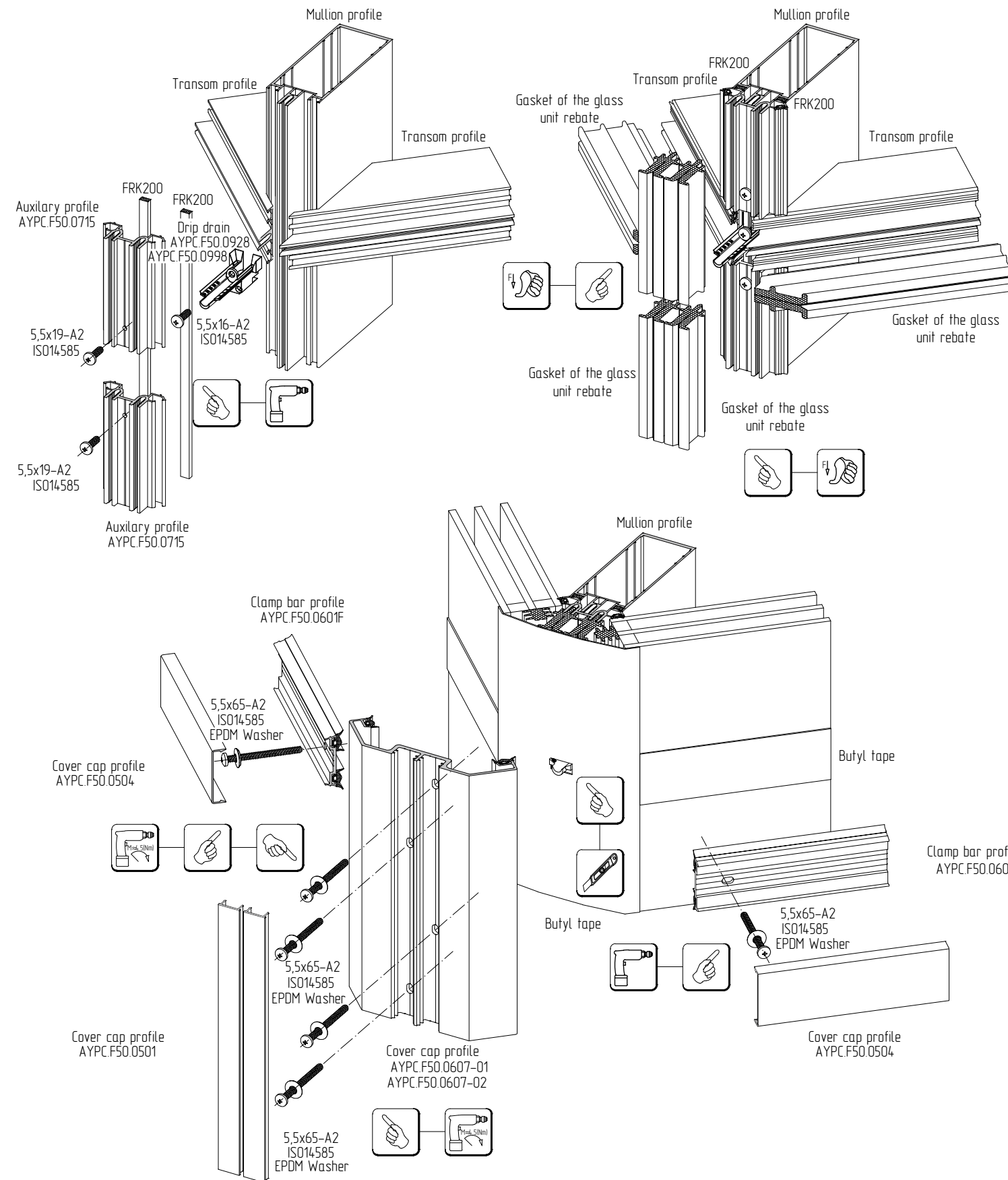


Processing of thermal breaks made of PE and thermal breaks of PVC. AYPC.F50.0624F Clamp bar

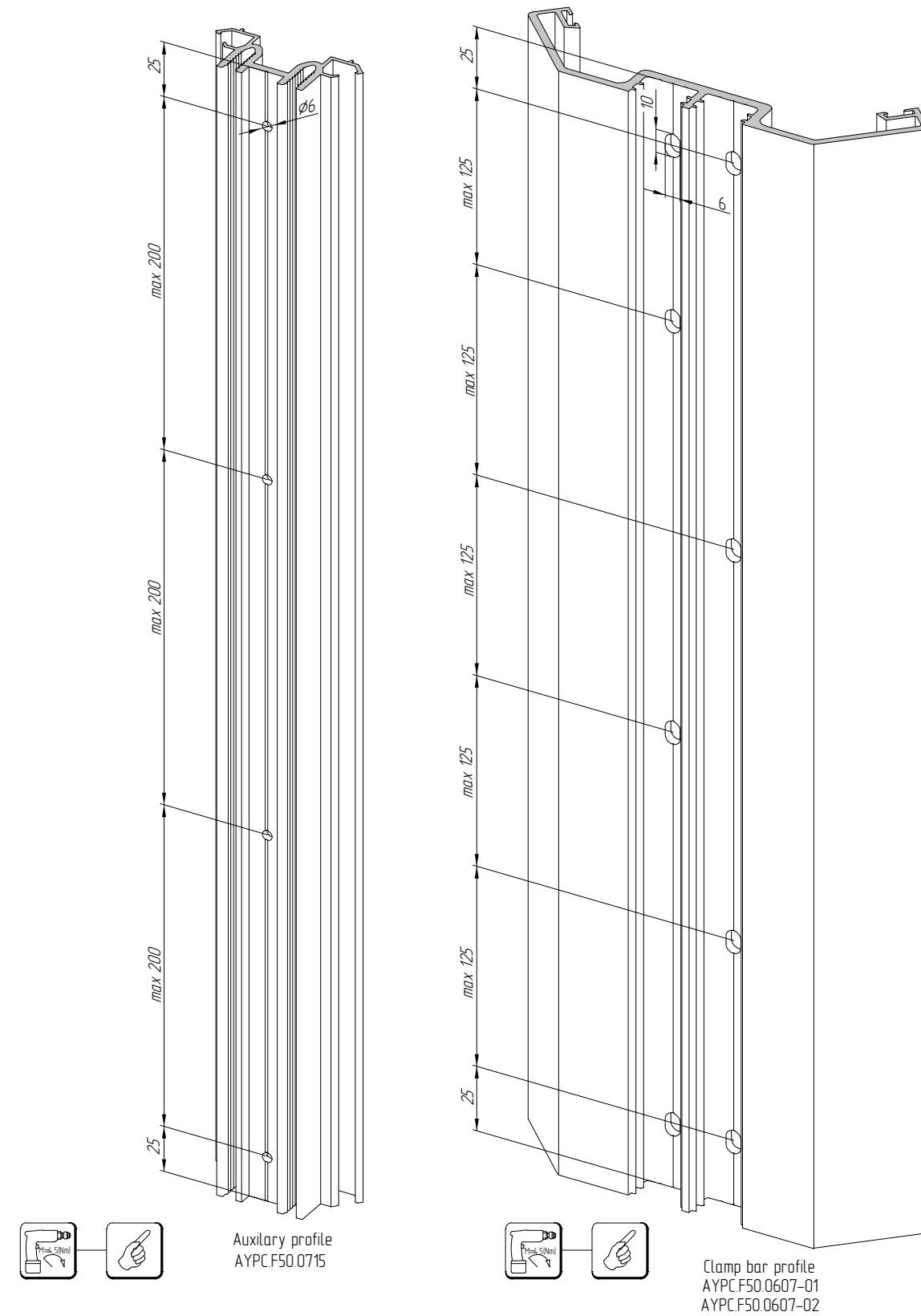


If a size is $L < 1500\text{mm}$, do not make cuts in the gasket, with a $L > 2000\text{mm}$, make a group of cuts of the gasket with a max. increment of 1000mm symmetrically relative to the center of the transom
 *The cuts in the butyl tape should be made in accordance with the cuts in the gasket to ensure water removal and ventilation

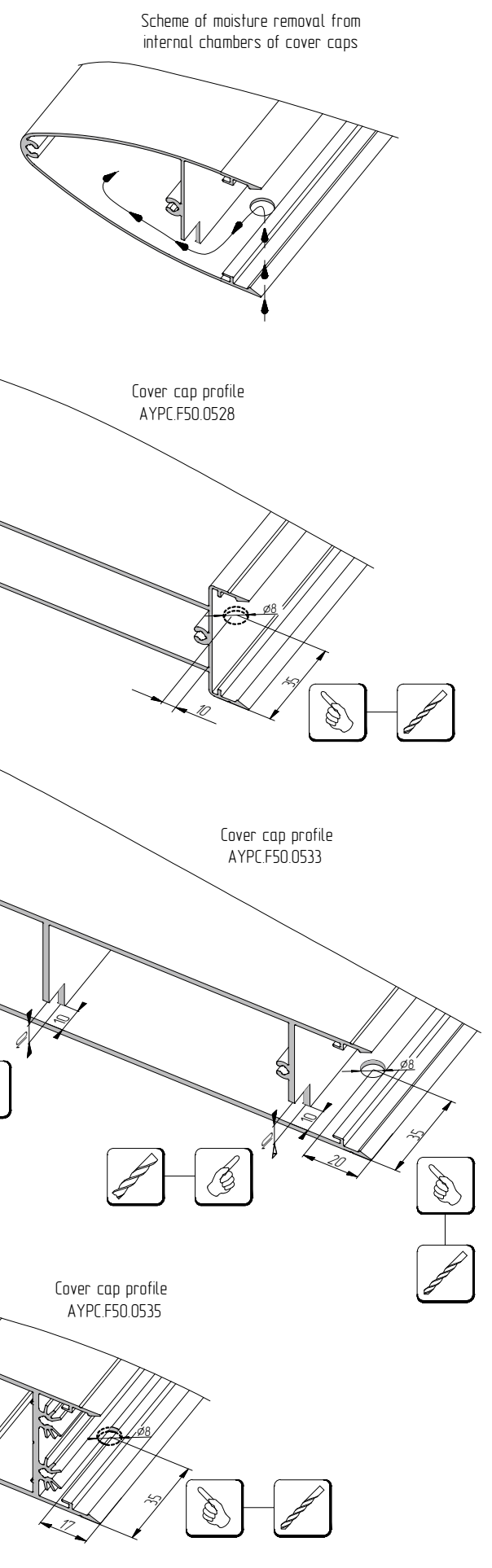
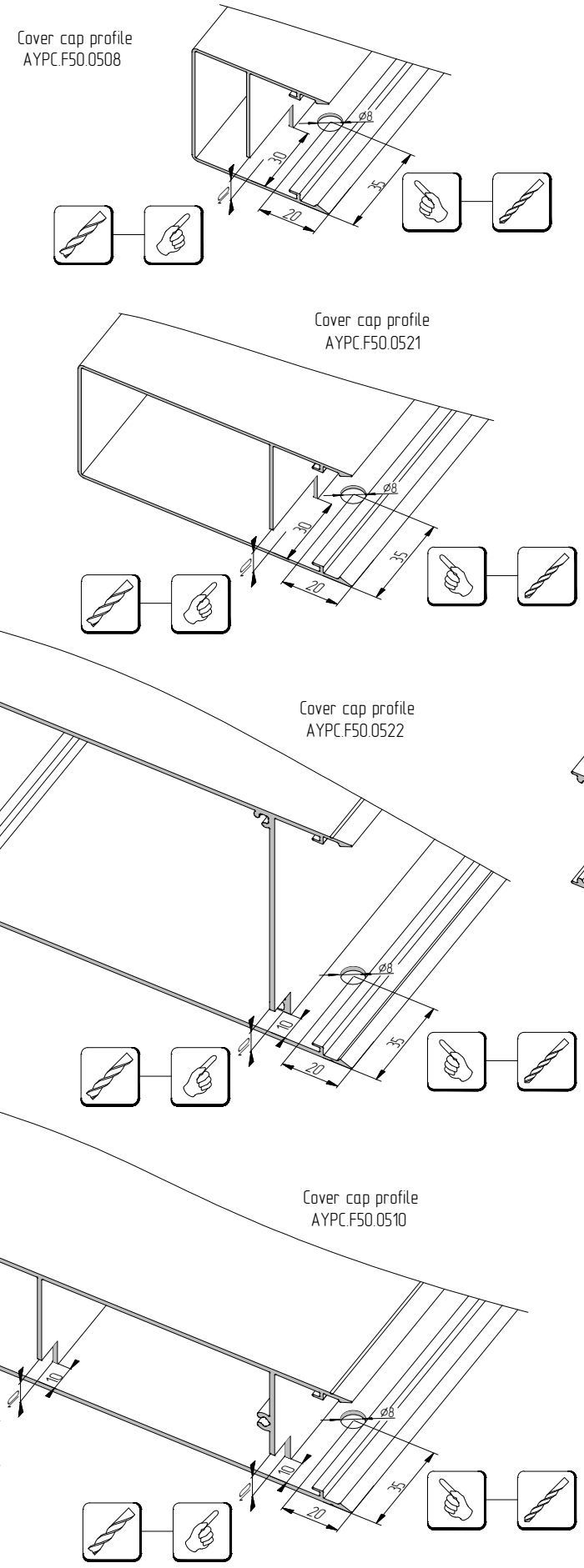
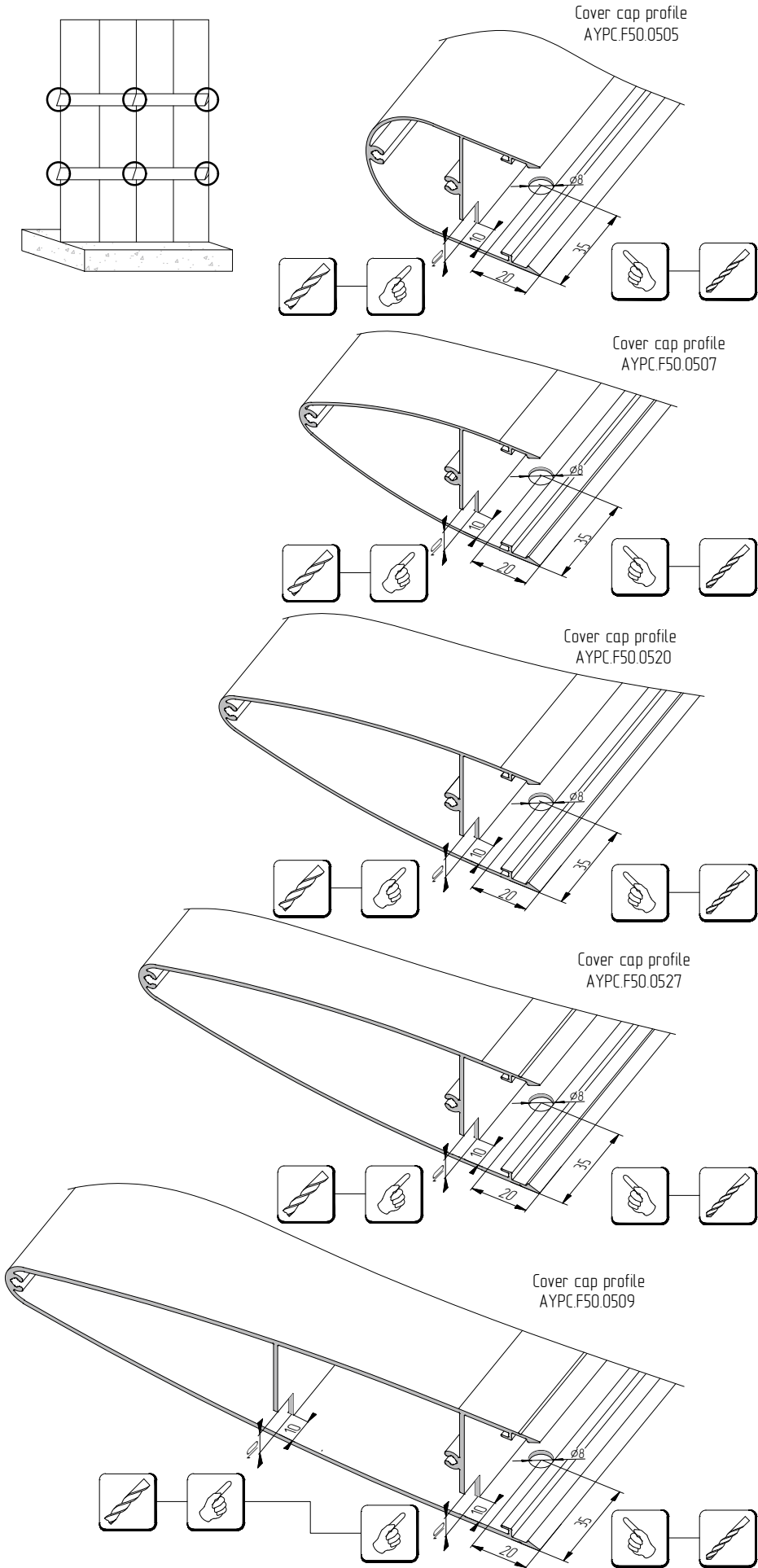
Corner mullion assembly with +90 degree external double-sided rotation corner



Processing of auxiliary profile and clamp bar



Processing of ends of cover caps for moisture removal, if installed in the horizontal line





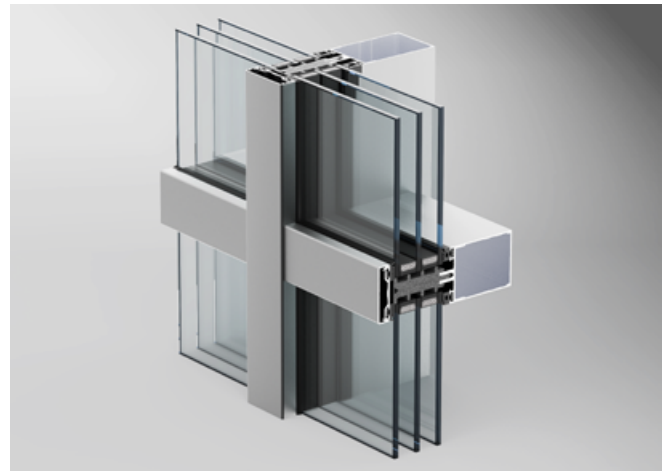
ALUTECH
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PROFILE SYSTEMS

ALT F50 TT

CURTAIN WALL SYSTEM

System description03.01.01
Glazing table	03.02.01
Sections and junctions	03.03.01
Machining and assembly	
Ventilation and moisture drainage.	03.04.01
Assembly and installation	03.04.14
Fabrication details	03.04.62

ALT F50 TT is a modification of the classic ALT F50 curtain wall system and is designed for the manufacturing of light wall vertical structures of suspended and infill types.



The bearing profiles of the subsystem are easily combined with the profiles of the classic ALT F50, therefore they can also be used in the manufacturing of inclined translucent coatings, skylights, domes, winter gardens and other spatial structures. The frame of the bearing structure consists of vertical and horizontal elements with a visible width of 50 mm, which emphasizes the lightness and transparency of glass structures.

ALT F50 TT system provides several ways to connect the transom to the mullion:

- end-to-end (without profile milling);
- overlap 6 mm (without sampling the groove in the mullion).

Depending on the type of the object and the loads on the building envelope, the designer has the opportunity to choose the necessary load-bearing elements. In order to do this, ALT F50 TT series provides a wide range of transoms that can also be used as mullions (in terms of inertial characteristics, they complement the set of ALT F50 load-bearing profiles). In addition, at particularly high loads, all mullions and transoms can be reinforced. The profiles of the supporting frame have the same dimensions and less weight compared to ALT F50 profiles, which allows to lighten structures without compromising the appearance and functionality (for example, it is advisable to use a transom of the same size as the mullion at the junction of the enclosing structure to the building floor slabs or when installing automatic sliding doors to the curtain wall system).

ALT F50 TT system provides the opportunity to use the transom as a mullion, which will allow our customers to reduce waste, thereby achieving zero waste production and improving the optimization of profile cutting.

Horizontal changes in the dimensions of structural elements due to temperature fluctuations is balanced by through a combination of special processing of the transom and cover end caps that elegantly hide the joining areas of mullions and transoms. Vertical changes in the dimensions of structural elements are compensated by the mutual (telescopic) connection of two mullions by means of a joining profile and the use of decorative plastic elements that hide the joint point.

In order to ensure the necessary thermal and sound insulation properties of the enclosing structure in ALT F50 TT series, a set

of thermal inserts (thermal insulators) made of hard impact-resistant polyvinyl chloride (PVC-U-HI) with high thermal insulation parameters, a set of sealing gaskets based on ethylene-propylene rubbers (EPDM) and glass unit seam sealings made of foamed materials are used. Due to the optimal combination of these components, the following thermal insulation values of the joint solution are achieved (according to DIN 4108-4):

- when installing the infill unit with a thickness of 38 mm using a PVC-U-HI thermal insert, the heat transfer coefficient is $U_f = 1.9 \text{ W}/(\text{m}^2 \cdot \text{K})$.
- when installing the infill unit with a thickness of 62 mm using the AYP.C.F50.0914 seam sealing made of foamed material, a heat transfer coefficient $U_f = 0.59 \text{ W}/(\text{m}^2 \cdot \text{K})$ is achieved.

The use of these thermal inserts and gaskets allows you to install infill units (glass, glass units, thermally insulated panels, etc.) with a thickness from 4 to 62 mm. Glazing, as well as the installation of panels or window blocks, are made outside the building. The infill unit is fixed with clamp bars, which, in turn, are fixed with stainless steel screws (class A2 or higher) to the bearing profiles with an increment of no more than 250 mm. Covers can be painted in any RAL colour or anodized, or decorated. At the same time, the facade can be double-colored – the internal elements of the facade (mullions and transoms) are painted in one colour, and the external elements (cover caps) in another one. You can also combine the colour of the clamp bars and cover caps.

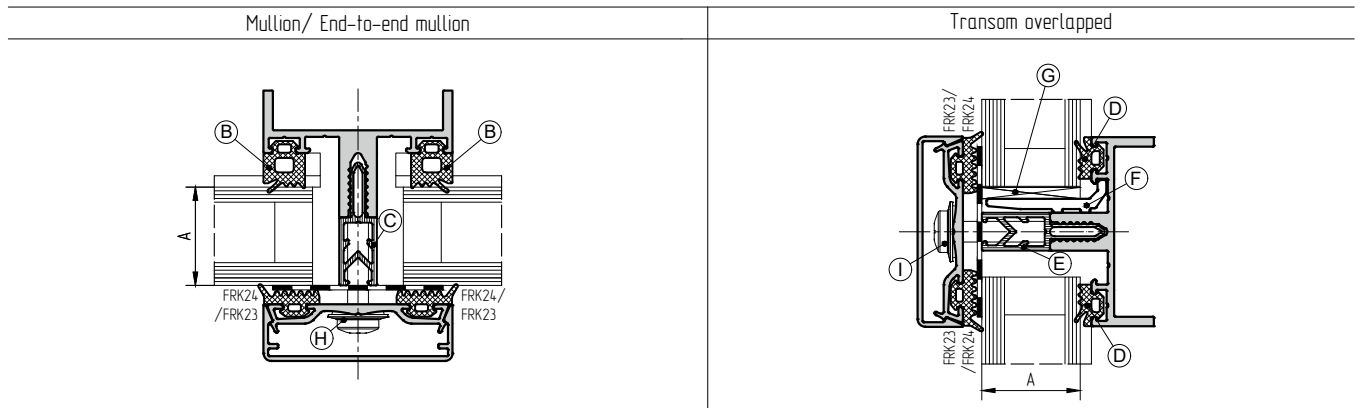
All mullion and transom profiles in the infill unit installation area have grooves that serve to remove moisture and ventilate the area of the glass unit rebate.

All fixing elements must be protected against corrosion or made of stainless steel (class not lower than A2), which eliminates the process of corrosion and ensures a long service life of the curtain wall structure without loss of strength parameters.

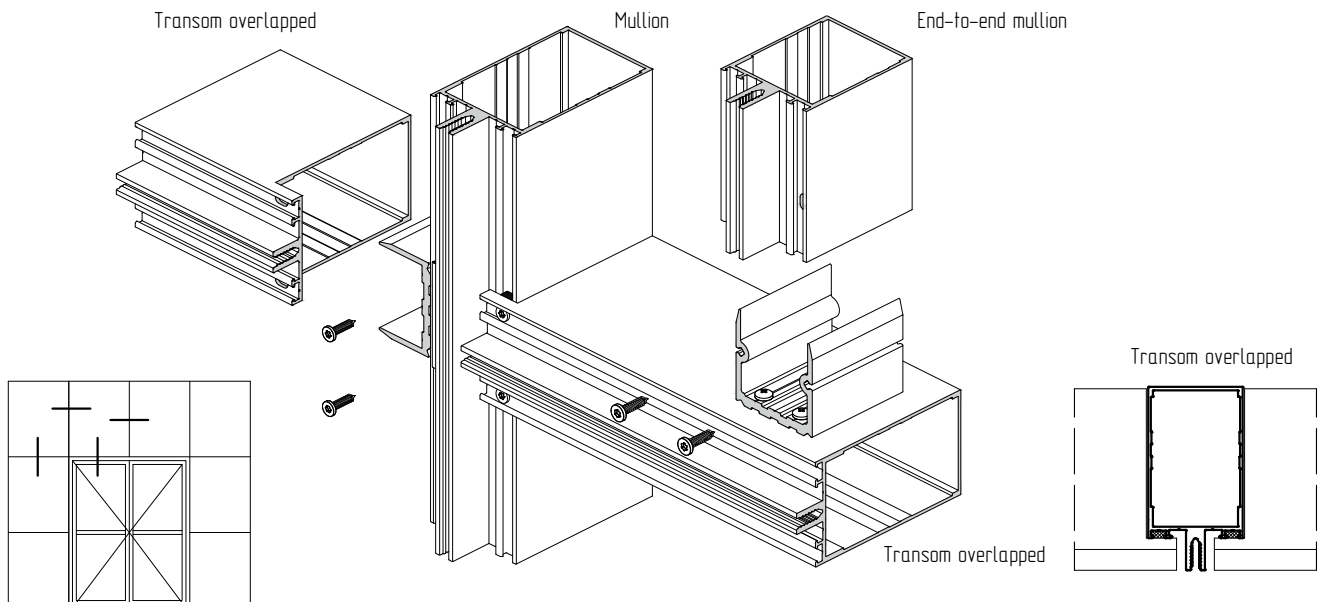
Static and strength calculation of each specific facade structure is carried out during its design.

All profile inertial characteristics required for calculations are given in this catalogue.

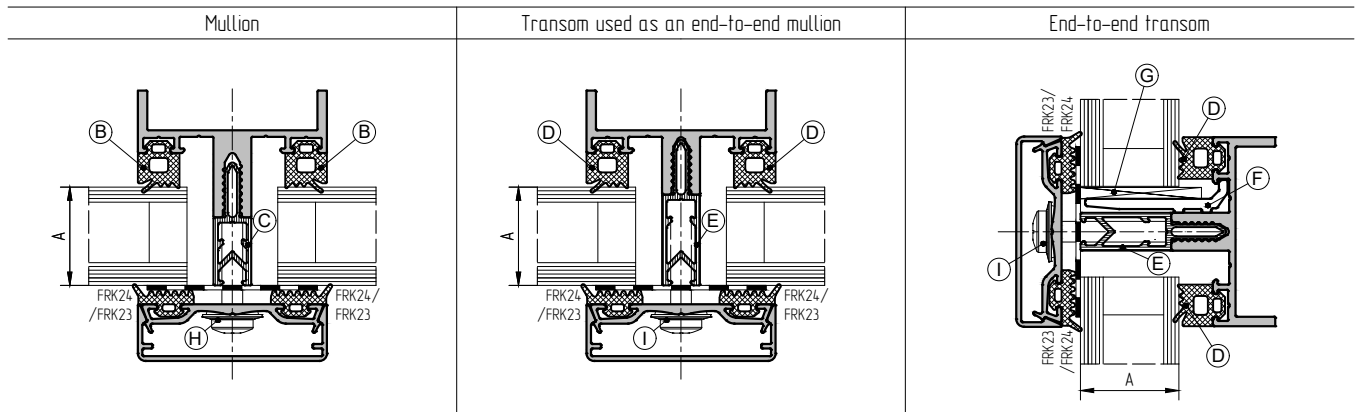
Glazing of the translucent facade structure depending on the type of profile junction



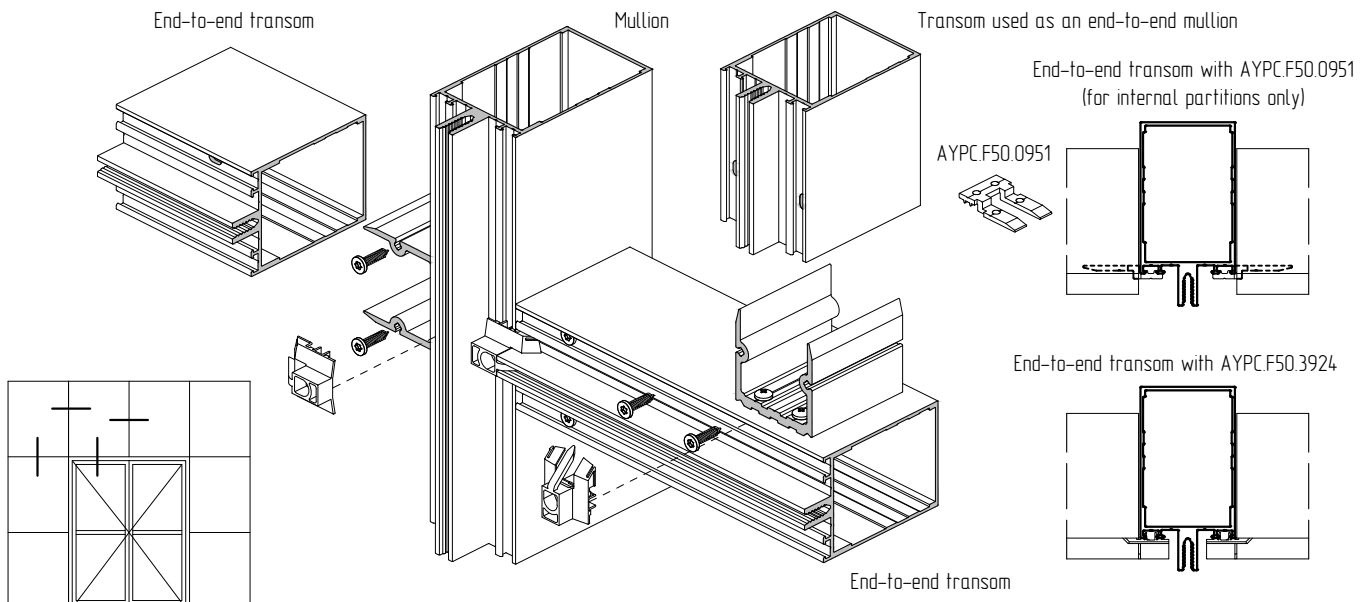
Infill unit thickness	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass		Self-tapping screw Ø5,5-A2 ISO14585
					bearing	leveling	
A	B	C	D	E	F	G	H/I
4 mm	FRK19	-	FRK16	-	AYPC F50.0940	AYPC 110.0901=1 mm	x25/x22
5 mm/6 mm	FRK18	-	FRK15	-	AYPC F50.0940	AYPC 110.0902=2 mm	x25/x22
8 mm	FRK17	-	FRK14	-	AYPC F50.0940	AYPC 110.0903=3 mm	x25/x22
22 mm	FRK19	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
24 mm	FRK18	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
26 mm	FRK17	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
28 mm	FRK19	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
30 mm	FRK18	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
32 mm	FRK17	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
34 mm	FRK19	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
36 mm	FRK18	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
38 mm	FRK17	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
40 mm	FRK19	AYPC F50.0915 AYPC F50.0911	FRK16	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
42 mm	FRK18	AYPC F50.0915 AYPC F50.0911	FRK15	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
44 mm	FRK17	AYPC F50.0915 AYPC F50.0911	FRK14	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
46 mm	FRK19	AYPC F50.0916 AYPC F50.0912	FRK16	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
48 mm	FRK18	AYPC F50.0916 AYPC F50.0912	FRK15	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
50 mm	FRK17	AYPC F50.0916 AYPC F50.0912	FRK14	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
52 mm	FRK19	AYPC F50.0913	FRK16	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
54 mm	FRK18	AYPC F50.0913	FRK15	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
56 mm	FRK17	AYPC F50.0913	FRK14	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
58 mm	FRK19	AYPC F50.0914	FRK16	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x75/x75
60 mm	FRK18	AYPC F50.0914	FRK15	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x75/x75
62 mm	FRK17	AYPC F50.0914	FRK14	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x75/x75



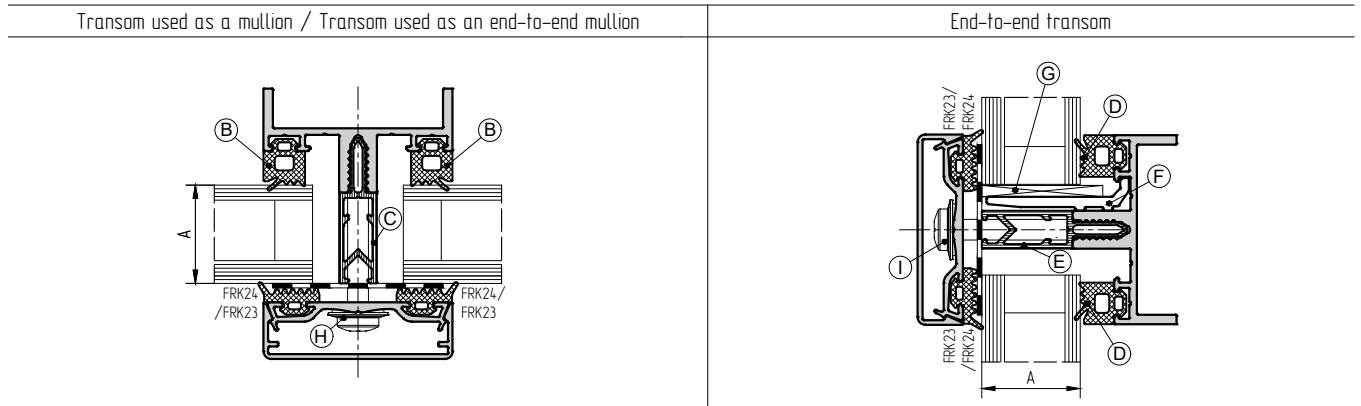
Glazing of the translucent facade structure depending on the type of profile junction



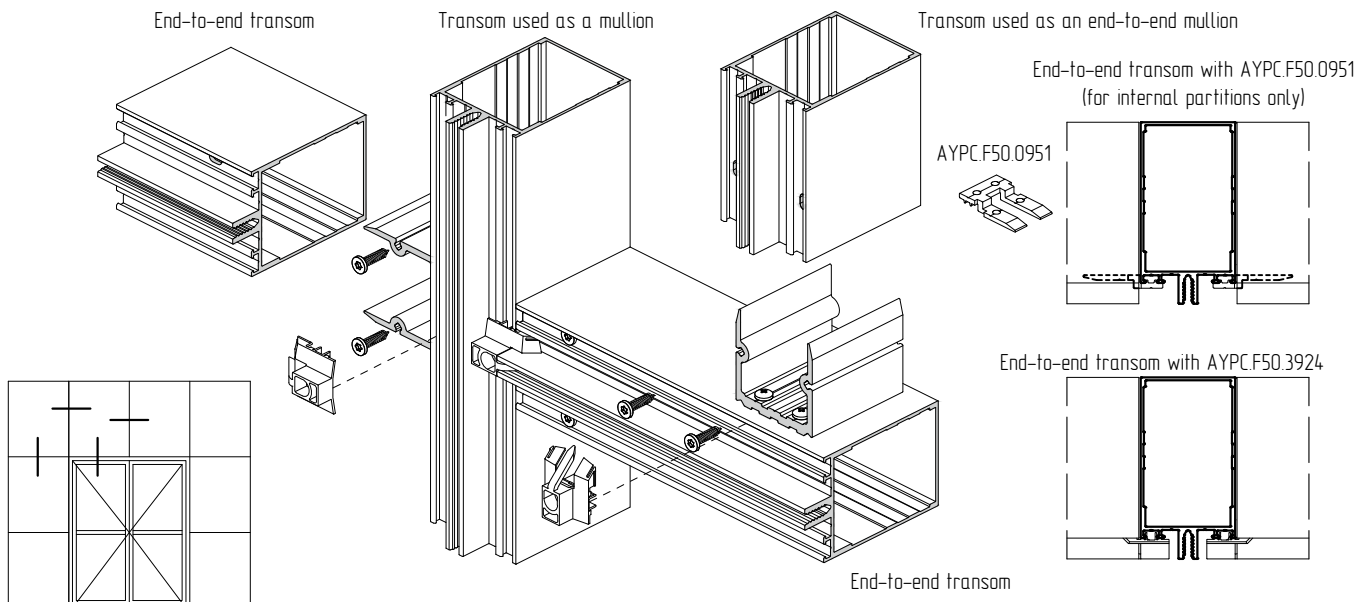
Infill unit thickness	Gasket on the mullion	Thermal break on the mullion	Gasket on the end-to-end transom	Thermal break on the end-to-end transom	Support for glass		Self-tapping screw Ø5,5-A2 ISO14585
					bearing	leveling	
A	B	C	D	E	F	G	H/I
4 mm	FRK19	-	FRK19	-	AYPC.F50.0940-01	AYPC.110.0901=1 mm	x25/x25
5 mm/6 mm	FRK18	-	FRK18	-	AYPC.F50.0940-01	AYPC.110.0902=2 mm	x25/x25
8 mm	FRK17	-	FRK17	-	AYPC.F50.0940-01	AYPC.110.0903=3 mm	x25/x25
22 mm	FRK19	AYPC.F50.0905 AYPC.F50.0908	FRK19	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x38/x45
24 mm	FRK18	AYPC.F50.0905 AYPC.F50.0908	FRK18	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x38/x45
26 mm	FRK17	AYPC.F50.0905 AYPC.F50.0908	FRK17	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x38/x45
28 mm	FRK19	AYPC.F50.0906 AYPC.F50.0909	FRK19	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x45/x55
30 mm	FRK18	AYPC.F50.0906 AYPC.F50.0909	FRK18	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x45/x55
32 mm	FRK17	AYPC.F50.0906 AYPC.F50.0909	FRK17	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x45/x55
34 mm	FRK19	AYPC.F50.0907 AYPC.F50.0910	FRK19	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x55/x60
36 mm	FRK18	AYPC.F50.0907 AYPC.F50.0910	FRK18	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x55/x60
38 mm	FRK17	AYPC.F50.0907 AYPC.F50.0910	FRK17	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x55/x60
40 mm	FRK19	AYPC.F50.0915 AYPC.F50.0911	FRK19	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x60/x65
42 mm	FRK18	AYPC.F50.0915 AYPC.F50.0911	FRK18	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x60/x65
44 mm	FRK17	AYPC.F50.0915 AYPC.F50.0911	FRK17	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x60/x65
46 mm	FRK19	AYPC.F50.0916 AYPC.F50.0912	FRK19	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x65/x70
48 mm	FRK18	AYPC.F50.0916 AYPC.F50.0912	FRK18	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x65/x70
50 mm	FRK17	AYPC.F50.0916 AYPC.F50.0912	FRK17	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x65/x70
52 mm	FRK19	AYPC.F50.0913	FRK19	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x70/x75
54 mm	FRK18	AYPC.F50.0913	FRK18	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x70/x75
56 mm	FRK17	AYPC.F50.0913	FRK17	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x70/x75



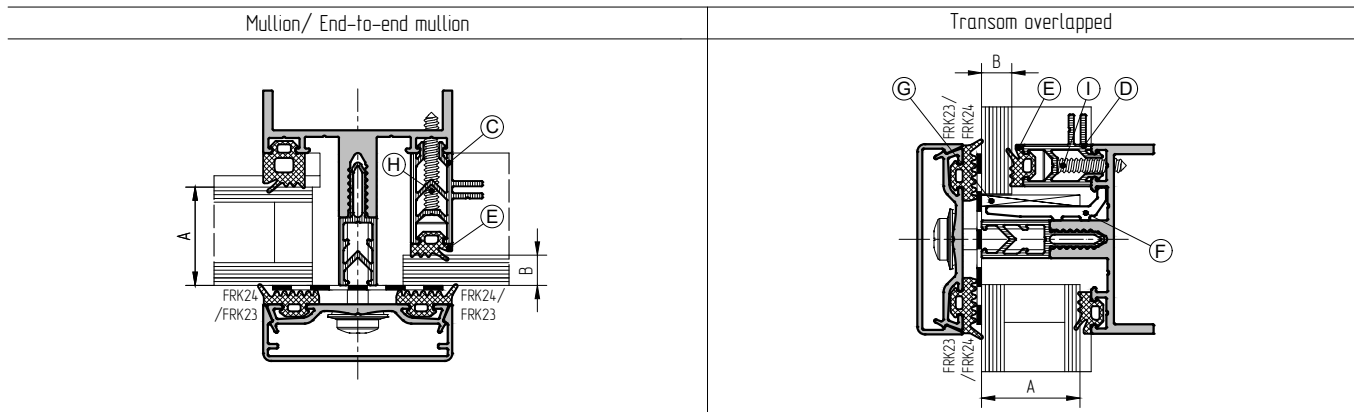
Glazing of the translucent facade structure depending on the type of profile junction



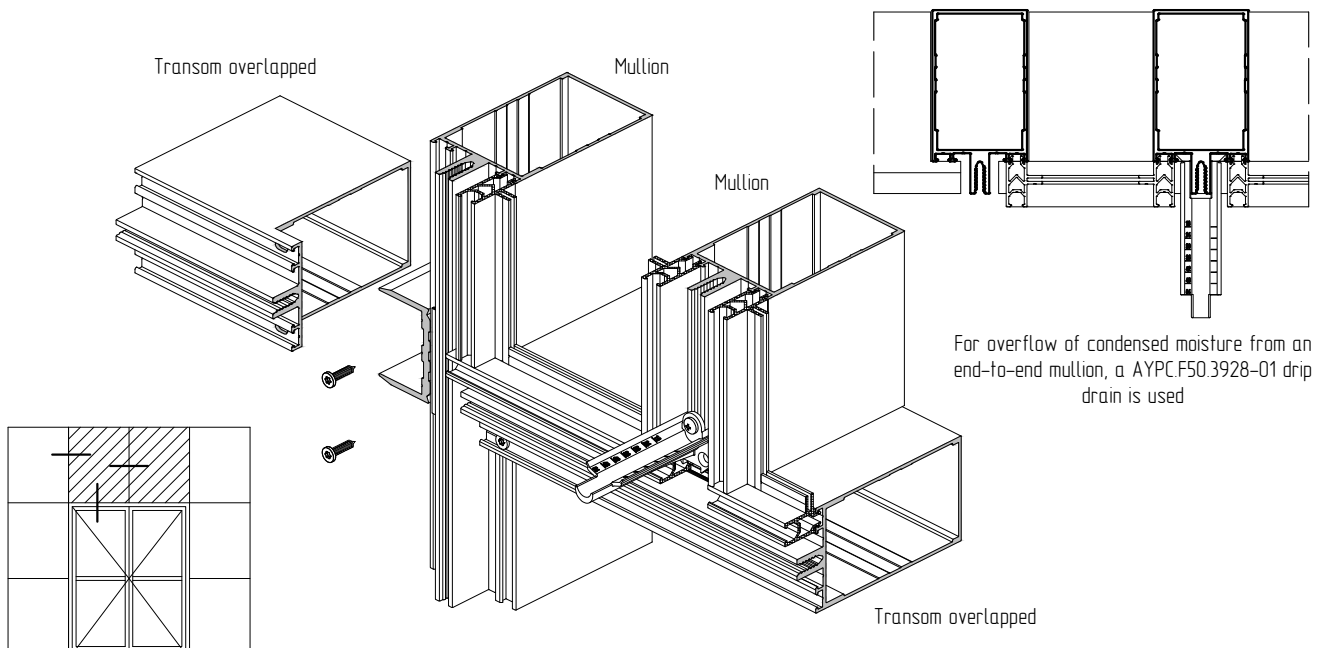
Infill unit thickness	Gasket on the mullion	Thermal break on the mullion	Gasket on the end-to-end transom	Thermal break on the end-to-end transom	Support for glass		Self-tapping screw Ø5,5-A2 ISO14585
					bearing	leveling	
A	B	C	D	E	F	G	H/I
4 mm	FRK19	-	FRK19	-	AYPC F50.0940-01	AYPC 110.0901=1 mm	x25/x25
	FRK18	-	FRK18	-	AYPC F50.0940-01	AYPC 110.0902=2 mm	x25/x25
8 mm	FRK17	-	FRK17	-	AYPC F50.0940-01	AYPC 110.0903=3 mm	x25/x25
22 mm	FRK19	AYPC F50.0906 AYPC F50.0909	FRK19	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
24 mm	FRK18	AYPC F50.0906 AYPC F50.0909	FRK18	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
26 mm	FRK17	AYPC F50.0906 AYPC F50.0909	FRK17	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
28 mm	FRK19	AYPC F50.0907 AYPC F50.0910	FRK19	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
30 mm	FRK18	AYPC F50.0907 AYPC F50.0910	FRK18	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
32 mm	FRK17	AYPC F50.0907 AYPC F50.0910	FRK17	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
34 mm	FRK19	AYPC F50.0915 AYPC F50.0911	FRK19	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
36 mm	FRK18	AYPC F50.0915 AYPC F50.0911	FRK18	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
38 mm	FRK17	AYPC F50.0915 AYPC F50.0911	FRK17	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
40 mm	FRK19	AYPC F50.0916 AYPC F50.0912	FRK19	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
42 mm	FRK18	AYPC F50.0916 AYPC F50.0912	FRK18	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
44 mm	FRK17	AYPC F50.0916 AYPC F50.0912	FRK17	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
46 mm	FRK19	AYPC F50.0913	FRK19	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
48 mm	FRK18	AYPC F50.0913	FRK18	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
50 mm	FRK17	AYPC F50.0913	FRK17	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
52 mm	FRK19	AYPC F50.0914	FRK19	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x75/x75
54 mm	FRK18	AYPC F50.0914	FRK18	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x75/x75
56 mm	FRK17	AYPC F50.0914	FRK17	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x75/x75



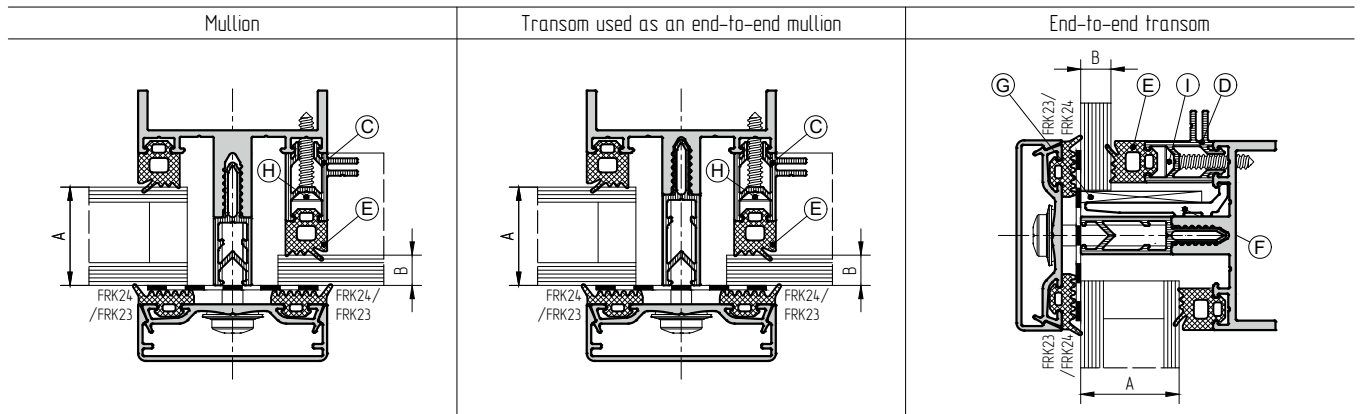
Glazing of the translucent facade structure with distance inserts installation depending on the type of profile junction



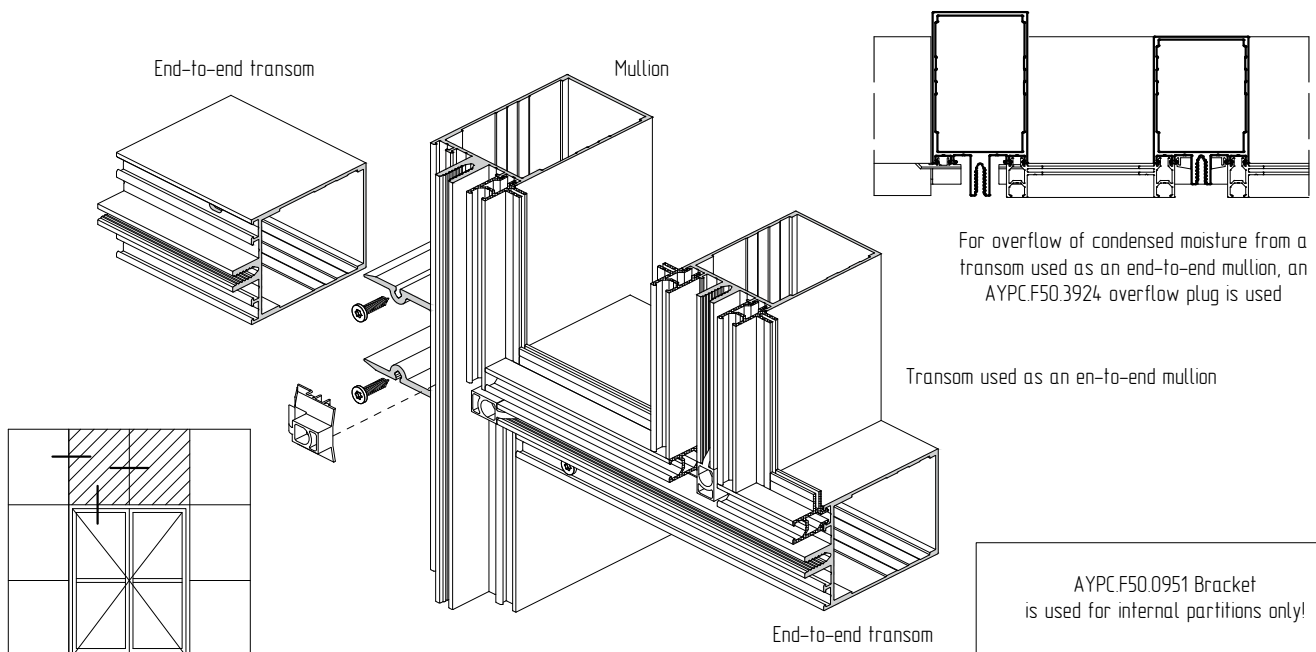
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the transom overlapped	Gasket on distance profiles	Support for glass			Self-tapping screw Ø3,9-A2 ISO14586 increment 300mm		
					bearing		leveling			
A	B	C	D	E	F		G	H/I		
22-26 mm	4 mm	AYPC.F50.0902	AYPC.F50.0901	FRK16	AYPC.F50.0941	100x26	x1	x2	x3	x32/x25
	6 mm			FRK15	AYPC.F50.0941	100x26	x1	x2	x3	x32/x25
	8 mm			FRK14	AYPC.F50.0941	100x26	x1	x2	x3	x32/x25
28-32 mm	4 mm	AYPC.F50.0903	AYPC.F50.0902	FRK16	AYPC.F50.0941-01	100x32	x1	x2	x3	x38/x32
	6 mm			FRK15	AYPC.F50.0941-01	100x32	x1	x2	x3	x38/x32
	8 mm			FRK14	AYPC.F50.0941-01	100x32	x1	x2	x3	x38/x32
34-38 mm	4 mm	AYPC.F50.0903	AYPC.F50.0902	FRK19	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x32
	6 mm			FRK18	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x32
	8 mm			FRK17	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x32
40-44 mm	4 mm	AYPC.F50.0902	AYPC.F50.0901	FRK16	AYPC.F50.0952	100x44	x1	x2	x3	x50/x45
	6 mm	+	+	FRK15	AYPC.F50.0952	100x44	x1	x2	x3	x50/x45
	8 mm	AYPC.F50.0901	AYPC.F50.0901	FRK14	AYPC.F50.0952	100x44	x1	x2	x3	x50/x45
46-50 mm	4 mm	AYPC.F50.0902	AYPC.F50.0901	FRK19	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x45
	6 mm	+	+	FRK18	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x45
	8 mm	AYPC.F50.0901	AYPC.F50.0901	FRK17	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x45
52-56 mm	4 mm	AYPC.F50.0903	AYPC.F50.0902	FRK16	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x55
	6 mm	+	+	FRK15	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x55
	8 mm	AYPC.F50.0902	AYPC.F50.0902	FRK14	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x55
58-62 mm	4 mm	AYPC.F50.0903	AYPC.F50.0902	FRK19	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x55
	6 mm	+	+	FRK18	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x55
	8 mm	AYPC.F50.0902	AYPC.F50.0902	FRK17	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x55



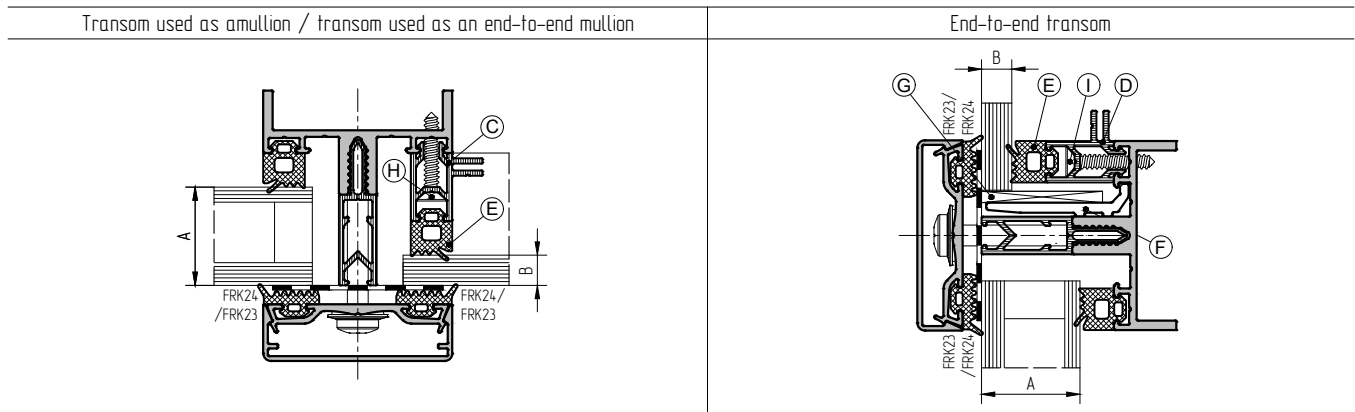
Glazing of the translucent facade structure with distance inserts installation depending on the type of profile junction



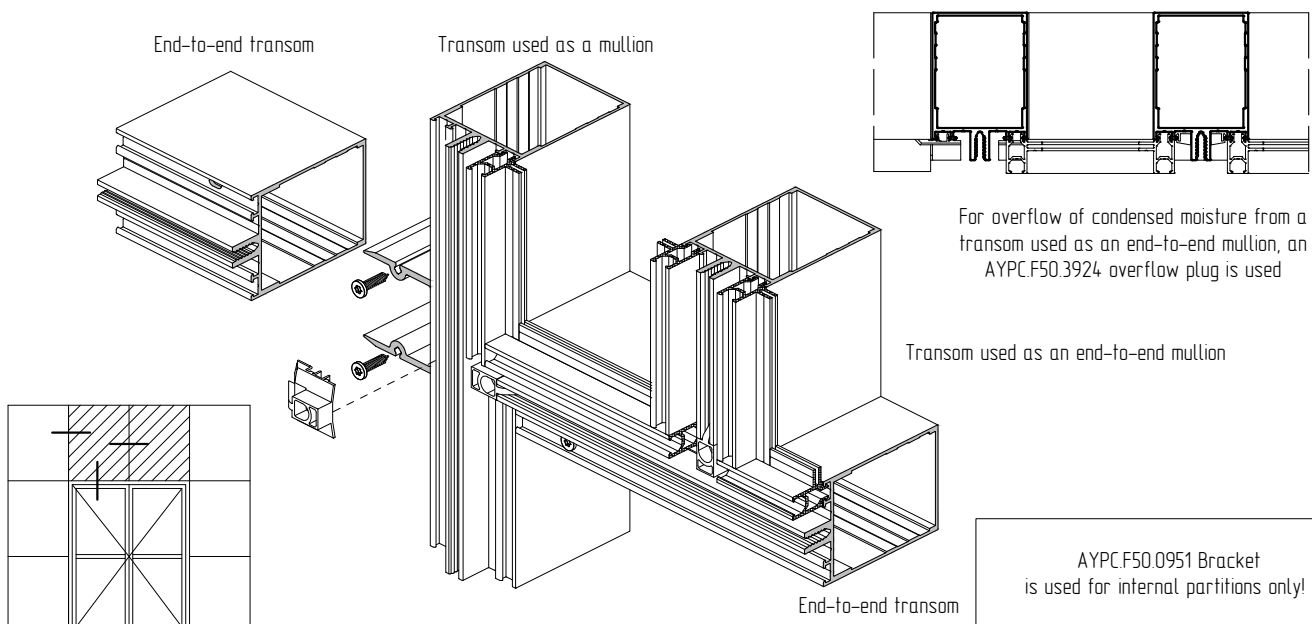
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the end-to-end transom	Gasket on distance profiles	Support for glass			Self-tapping screw Ø3,9-A2 ISO14586 increment 300mm		
					bearing	leveling				
A	B	C	D	E	F	G		H/I		
22-26 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	FRK16	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
	6 mm			FRK15	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
	8 mm			FRK14	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
28-32 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	FRK16	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x38
	6 mm			FRK15	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x38
	8 mm			FRK14	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x38
34-38 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	FRK19	AYPC.F50.0952	100x44	x1	x2	x3	x38/x38
	6 mm			FRK18	AYPC.F50.0952	100x44	x1	x2	x3	x38/x38
	8 mm			FRK17	AYPC.F50.0952	100x44	x1	x2	x3	x38/x38
40-44 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	FRK16	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x50
	6 mm	+	+	FRK15	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x50
	8 mm	AYPC.F50.0901	AYPC.F50.0901	FRK14	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x50
46-50 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	FRK19	AYPC.F50.0952-02	100x56	x1	x2	x3	x50/x50
	6 mm	+	+	FRK18	AYPC.F50.0952-02	100x56	x1	x2	x3	x50/x50
	8 mm	AYPC.F50.0901	AYPC.F50.0901	FRK17	AYPC.F50.0952-02	100x56	x1	x2	x3	x50/x50
52-56 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	FRK16	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60
	6 mm	+	+	FRK15	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60
	8 mm	AYPC.F50.0902	AYPC.F50.0902	FRK14	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60



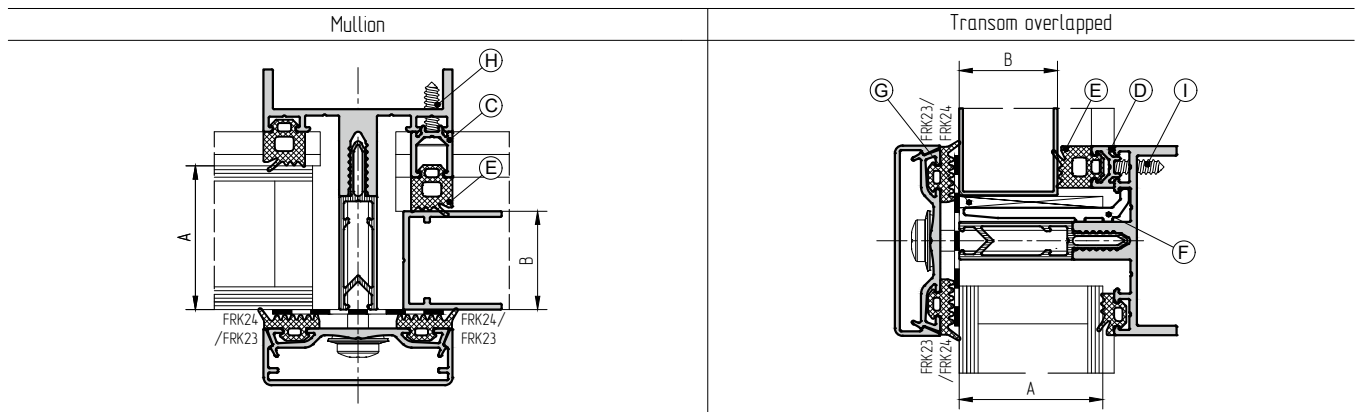
Glazing of the translucent facade structure with distance inserts installation depending on the type of profile junction



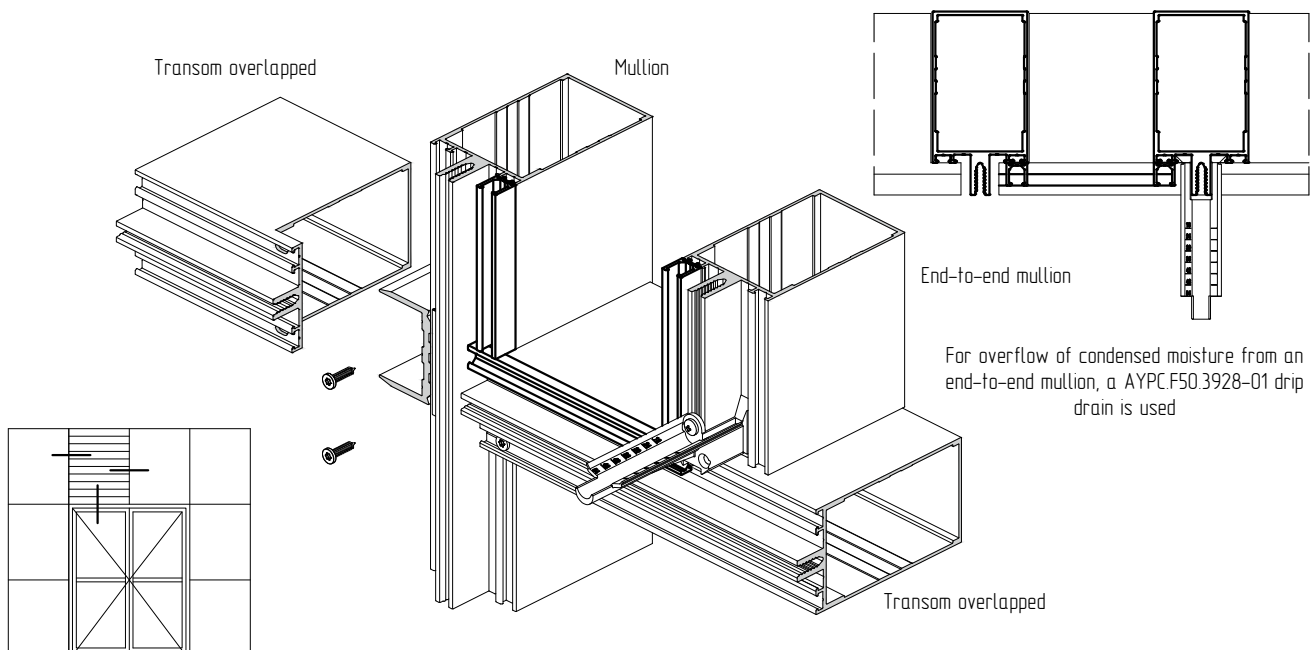
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the end-to-end transom	Gasket on distance profiles	Support for glass			Self-tapping screw Ø3,9-A2 ISO14586 increment 300mm		
					bearing	leveling				
A	B	C	D	E	F	G		H/I		
22-26 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	FRK16	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
	6 mm			FRK15	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
	8 mm			FRK14	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
28-32 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	FRK16	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x38
	6 mm			FRK15	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x38
	8 mm			FRK14	AYPC.F50.0941-02	100x38	x1	x2	x3	x38/x38
34-38 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	FRK19	AYPC.F50.0952	100x44	x1	x2	x3	x38/x38
	6 mm			FRK18	AYPC.F50.0952	100x44	x1	x2	x3	x38/x38
	8 mm			FRK17	AYPC.F50.0952	100x44	x1	x2	x3	x38/x38
40-44 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	FRK16	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x50
	6 mm	+	+	FRK15	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x50
	8 mm	AYPC.F50.0901	AYPC.F50.0901	FRK14	AYPC.F50.0952-01	100x50	x1	x2	x3	x50/x50
46-50 mm	4 mm	AYPC.F50.0902	AYPC.F50.0902	FRK19	AYPC.F50.0952-02	100x56	x1	x2	x3	x50/x50
	6 mm	+	+	FRK18	AYPC.F50.0952-02	100x56	x1	x2	x3	x50/x50
	8 mm	AYPC.F50.0901	AYPC.F50.0901	FRK17	AYPC.F50.0952-02	100x56	x1	x2	x3	x50/x50
52-56 mm	4 mm	AYPC.F50.0903	AYPC.F50.0903	FRK16	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60
	6 mm	+	+	FRK15	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60
	8 mm	AYPC.F50.0902	AYPC.F50.0902	FRK14	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60



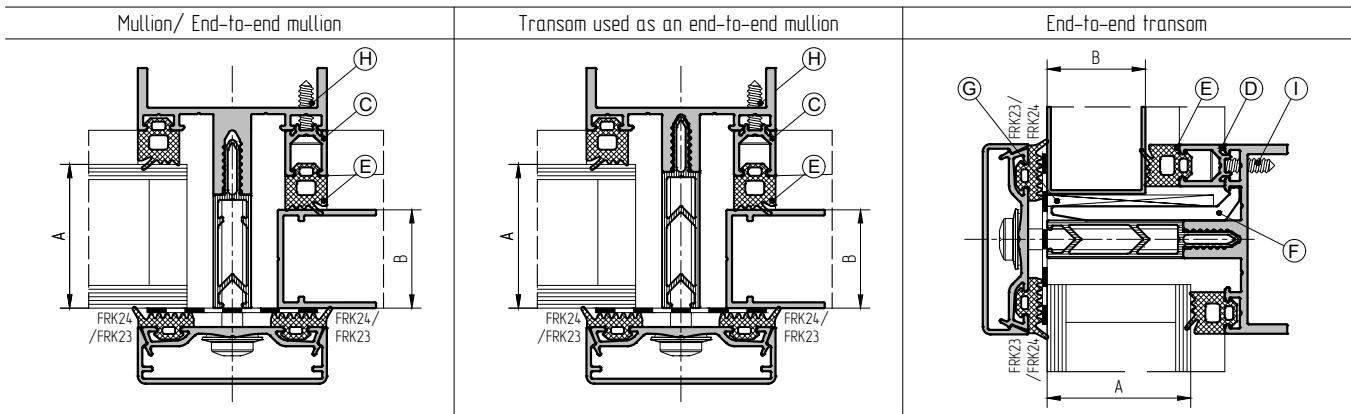
Glazing of the translucent facade structure with VR26 ventilation louver installation depending on the type of profile junction



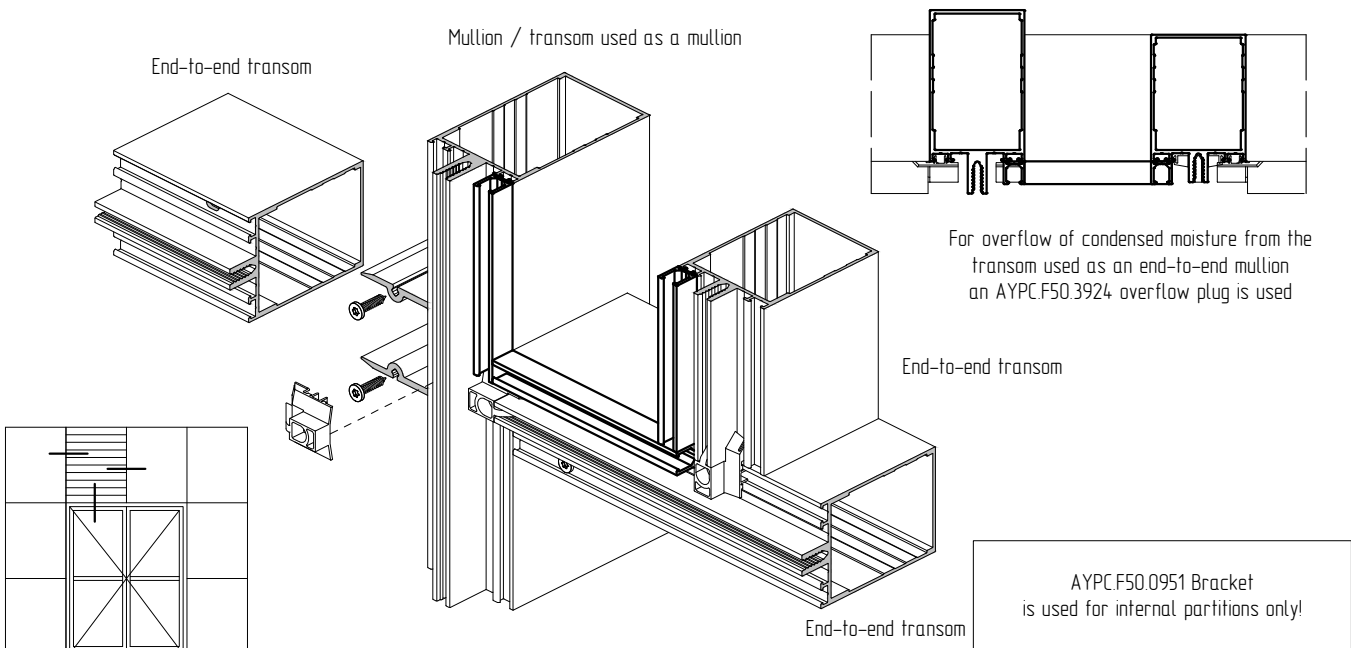
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the transom overlapped	Gasket on distance profiles	Support for glass			Self-tapping screw Ø3,9-A2 ISO14586 increment 300mm		
					bearing	leveling				
A	B	C	D	E	F	G		H/I		
22-26 mm	26	-	-	-	AYPC.F50.0941	100x26	x1	x2	x3	-/-
28-32 mm	26	AYPC.F50.0701	-	FRK17	AYPC.F50.0941-01	100x32	x1	x2	x3	x16/-
34-38 mm	26	AYPC.F50.0702	AYPC.F50.0701	FRK17	AYPC.F50.0941-02	100x38	x1	x2	x3	x16/x16
40-44 mm	26	AYPC.F50.0902-01	AYPC.F50.0901-01	FRK14	AYPC.F50.0952	100x44	x1	x2	x3	x32/x25
46-50 mm	26	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK14	AYPC.F50.0952-01	100x50	x1	x2	x3	x38/x32
52-56 mm	26	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK17	AYPC.F50.0952-02	100x56	x1	x2	x3	x38/x32
58-62 mm	26	AYPC.F50.0901-01 + AYPC.F50.0902-01	AYPC.F50.0901-01 + AYPC.F50.0901-01	FRK14	AYPC.F50.0952-03	100x62	x1	x2	x3	x50/x45



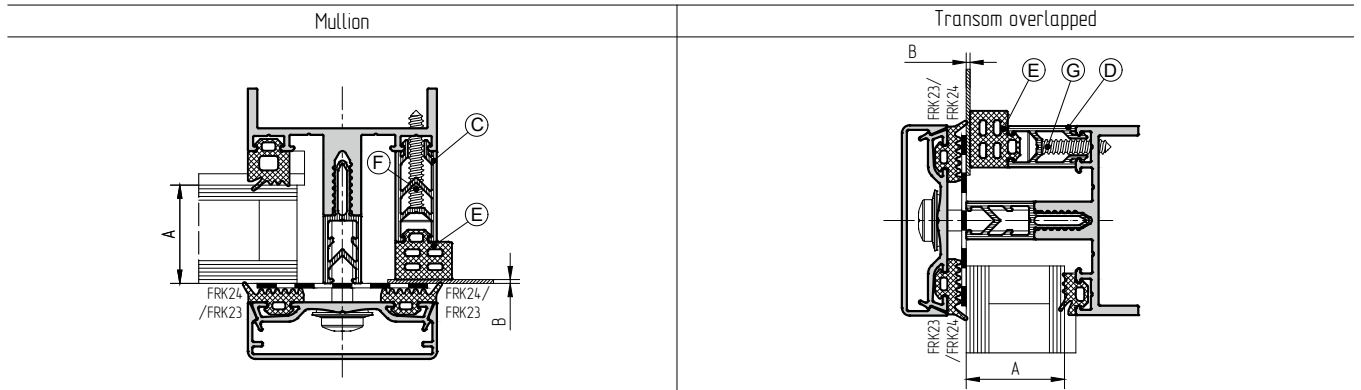
Glazing of the translucent facade structure with VR26 ventilation louver installation depending on the type of profile junction



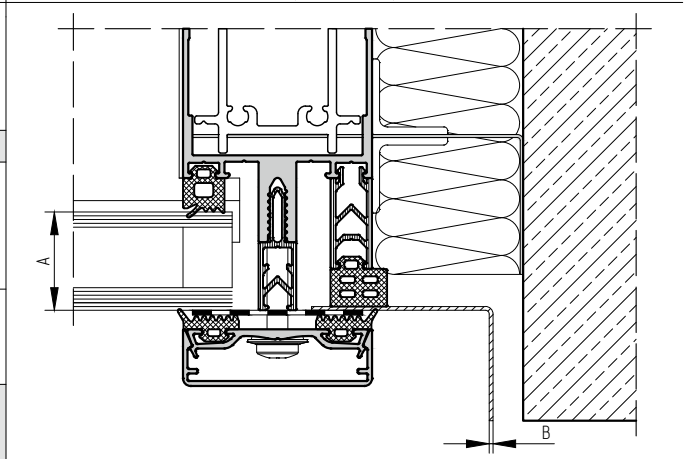
Infill unit thickness	Infill unit thickness	Distance profile on the mullion	Distance profile on the transom overlapped	Gasket on distance profiles	Support for glass			Self-tapping screw Ø3,9-A2 ISO14586 increment 300mm		
					bearing	leveling				
A	B	C	D	E	F	G		H/I		
22-26 mm	26	-	-	-	AYPC.F50.0941-01	100x32	x1	x2	x3	-/-
28-32 mm	26	AYPC.F50.0701	AYPC.F50.0701	FRK17	AYPC.F50.0941-02	100x38	x1	x2	x3	x16/16
34-38 mm	26	AYPC.F50.0702	AYPC.F50.0702	FRK17	AYPC.F50.0952	100x44	x1	x2	x3	x16/x16
40-44 mm	26	AYPC.F50.0902-01	AYPC.F50.0902-01	FRK14	AYPC.F50.0952-01	100x50	x1	x2	x3	x32/x32
46-50 mm	26	AYPC.F50.0903-01	AYPC.F50.0903-01	FRK14	AYPC.F50.0952-02	100x56	x1	x2	x3	x38/x38
52-56 mm	26	AYPC.F50.0903-01	AYPC.F50.0903-01	FRK17	AYPC.F50.0952-03	100x62	x1	x2	x3	x38/x38



Glazing of the translucent facade structure with side cover strips installation depending on the type of profile junction

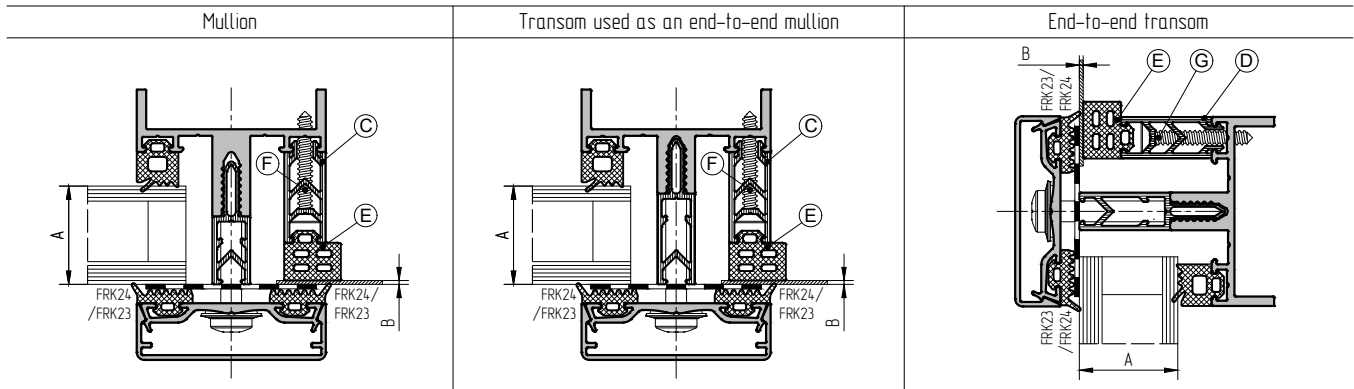


Infill unit thickness	Distance profile		Gasket on distance profiles mullion transom	Self-tapp screw $\varnothing 3,9-A2$ ISO14586 increment 300mm	
	on the mullion	on the transom overlapped			
A	B	C	D	E	F/G
4, 6, 8 mm	0 mm	AYPC.F50.0701	-	FRK18	x16/-
	1 mm		FRK131		
	2 mm		FRK17		
	3 mm		FRK130		
	4 mm	-	-	FRK19 FRK16	-
	5 mm	-	-	FRK132 FRK129	
6 mm	-	-	FRK18 FRK15		
22-26 mm	0 mm	AYPC.F50.0902-01	AYPC.F50.0901-01	FRK18	x32/x25
	1 mm		FRK131		
	2 mm		FRK17		
	3 mm		FRK130		
	4 mm		FRK16		
	5 mm		FRK129		
	6 mm	FRK15			
24 mm	-	-	FRK18 FRK15	-	
28-32 mm	0 mm	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK18	x38/x32
	1 mm		FRK131		
	2 mm		FRK17		
	3 mm		FRK130		
	4 mm		FRK16		
	5 mm		FRK129		
	6 mm		FRK15		
	24 mm		AYPC.F50.0701	-	
	32 mm	-	-	FRK17 FRK14	-
	34-38 mm	0 mm	AYPC.F50.0901-01 + AYPC.F50.0901-01	AYPC.F50.0903-01	FRK18
1 mm		FRK131			
2 mm		FRK17			
3 mm		FRK130			
4 mm		FRK16			
5 mm		FRK129			
6 mm		FRK15			
24 mm		AYPC.F50.0702	AYPC.F50.0701	FRK18	x16/x16
32 mm		AYPC.F50.0701	-	FRK17	x16/-
40-44 mm		0 mm	AYPC.F50.0902-01 + AYPC.F50.0901-01	AYPC.F50.0901-01	FRK18
	1 mm	FRK131			
	2 mm	FRK17			
	3 mm	FRK130			
	4 mm	FRK16			
	5 mm	FRK129			
	6 mm	FRK15			
	24 mm	AYPC.F50.0902-01		AYPC.F50.0901-01	FRK15
	32 mm	AYPC.F50.0702	AYPC.F50.0701	FRK17	x16/x16

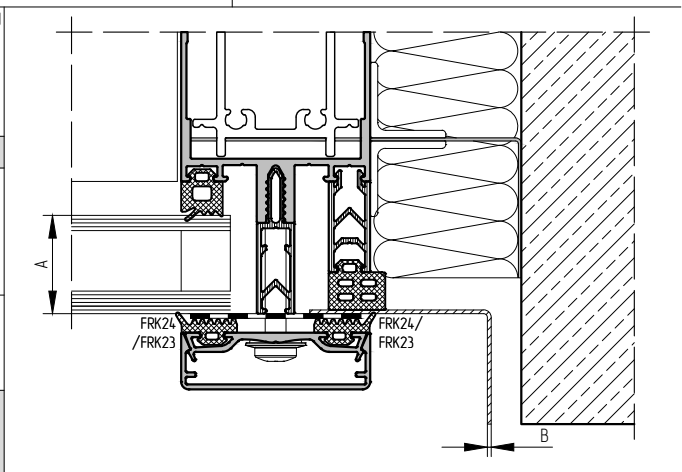


Infill unit thickness	Distance profile		Gasket on distance profiles	Self-tapping screw $\varnothing 3,9-A2$ ISO14586 increment 300mm	
	on the mullion	on the transom overlapped			
A	B	C	D	E	F/G
46-50 mm	0 mm	AYPC.F50.0902-01 + AYPC.F50.0902-01	AYPC.F50.0902-01	FRK18	x55/x50
	1 mm		FRK131		
	2 mm		FRK17		
	3 mm		FRK130		
	4 mm		FRK16		
	5 mm		FRK129		
	6 mm	FRK15			
	24 mm	AYPC.F50.0902-01	AYPC.F50.0901-01	FRK18	x32/x25
	32 mm	AYPC.F50.0902-01	AYPC.F50.0901-01	FRK14	x32/x25
	52-56 mm	0 mm	AYPC.F50.0903-01 + AYPC.F50.0902-01	AYPC.F50.0902-01	FRK18
1 mm		FRK131			
2 mm		FRK17			
3 mm		FRK130			
4 mm		FRK16			
5 mm		FRK129			
6 mm		FRK15			
24 mm		AYPC.F50.0903-01	AYPC.F50.0902-01	FRK18	x38/x32
32 mm		AYPC.F50.0902-01	AYPC.F50.0901-01	FRK17	x32/x25
58-62 mm		0 mm	AYPC.F50.0903-01 + AYPC.F50.0902-01	AYPC.F50.0903-01	FRK18
	1 mm	FRK131			
	2 mm	FRK17			
	3 mm	FRK130			
	4 mm	FRK16			
	5 mm	FRK129			
	6 mm	FRK15			
	24 mm	AYPC.F50.0901-01 + AYPC.F50.0901-01		AYPC.F50.0903-01	FRK18
	32 mm	AYPC.F50.0903-01	AYPC.F50.0902-01	FRK17	x38/x32

Glazing of the translucent facade structure with side cover strips installation depending on the type of profile junction

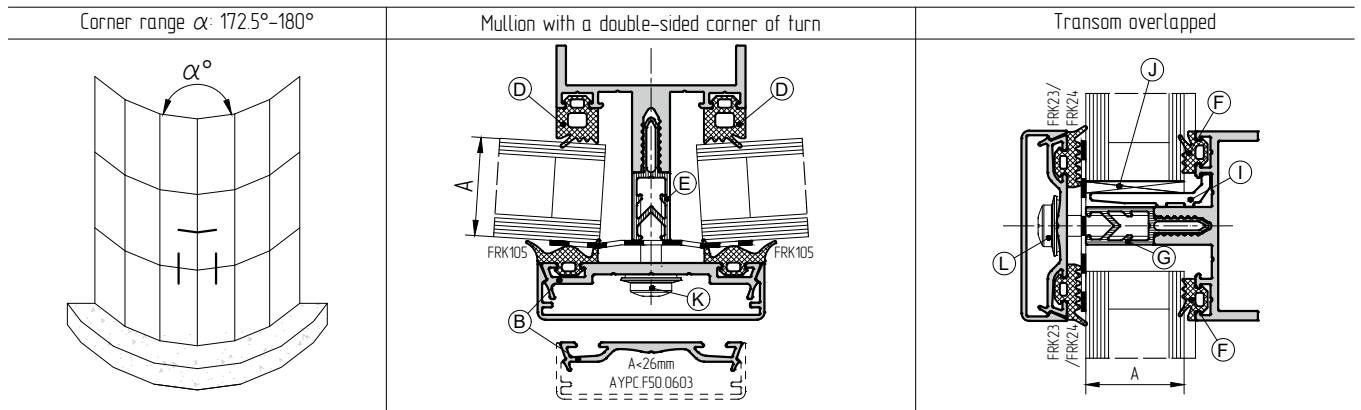


Infill unit thickness		Distance profile		Gasket on distance profiles	Self-tapping screw Ø3,9-A2 ISO14586 increment 300mm			
		on the mullion	on the end-to-end transom			F/G		
A	B	C	D	E	F/G			
4, 6, 8 mm	0 mm	AYPC.F50.0701	AYPC.F50.0701	FRK18	x16/x16			
	1 mm			FRK131				
	2 mm			FRK17				
	3 mm			FRK130				
	4 mm			FRK19				
	5 mm			FRK132				
22-26 mm	0 mm	AYPC.F50.0902-01	AYPC.F50.0902-01	FRK18	x32/x32			
	1 mm			FRK131				
	2 mm			FRK17				
	3 mm			FRK130				
	4 mm			FRK16				
	5 mm			FRK129				
	6 mm			FRK15				
28-32 mm	0 mm	AYPC.F50.0903-01	AYPC.F50.0903-01	FRK18	x38/x38			
	1 mm			FRK131				
	2 mm			FRK17				
	3 mm			FRK130				
	4 mm			FRK16				
	5 mm			FRK129				
	6 mm			FRK15				
	24 mm			AYPC.F50.0701		AYPC.F50.0701	FRK18	x16/x16
	32 mm			-		-	FRK17	-
	34-38 mm			0 mm		AYPC.F50.0901-01 + AYPC.F50.0901-01	AYPC.F50.0901-01 + AYPC.F50.0901-01	FRK18
1 mm		FRK131						
2 mm		FRK17						
3 mm		FRK130						
4 mm		FRK16						
5 mm		FRK129						
6 mm		FRK15						
24 mm		AYPC.F50.0702	AYPC.F50.0702	FRK18	x16/x16			
32 mm		AYPC.F50.0701	AYPC.F50.0701	FRK17	x16/x16			
40-44 mm		0 mm	AYPC.F50.0902-01 + AYPC.F50.0901-01	AYPC.F50.0902-01 + AYPC.F50.0901-01	FRK18			x50/x50
	1 mm	FRK131						
	2 mm	FRK17						
	3 mm	FRK130						
	4 mm	FRK16						
	5 mm	FRK129						
	6 mm	FRK15						
	24 mm	AYPC.F50.0902-01			AYPC.F50.0902-01	FRK15	x32/x32	
	32 mm	AYPC.F50.0702			AYPC.F50.0702	FRK17	x16/x16	

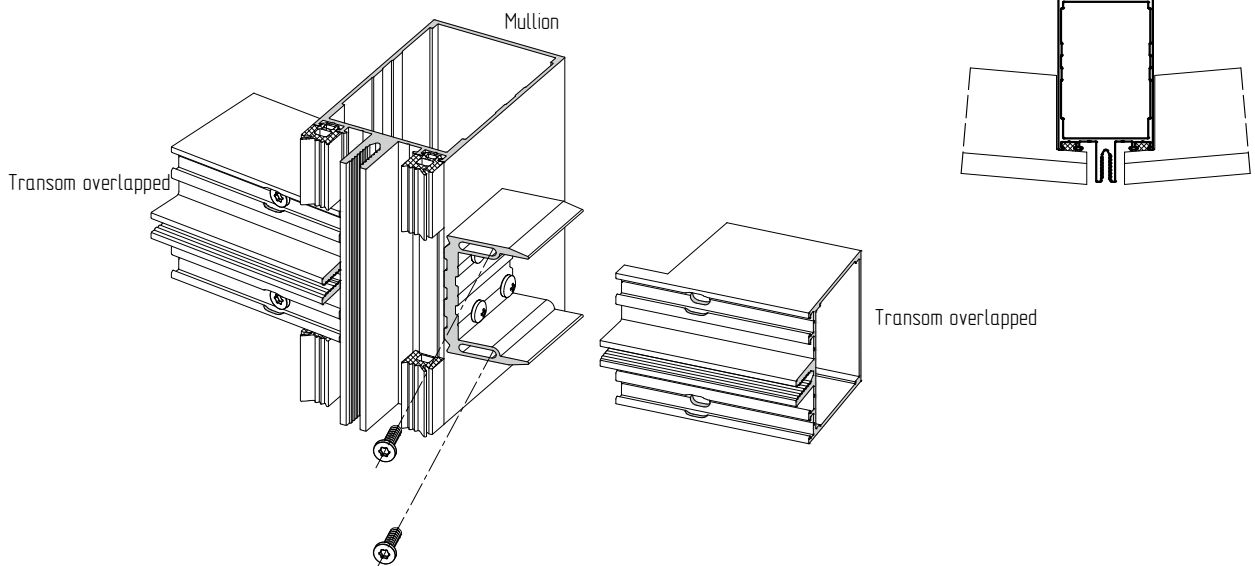


Infill unit thickness		Distance profile		Gasket on distance profiles	Self-tapping screw Ø3,9-A2 ISO14586 increment 300mm			
		on the mullion	on the end-to-end transom			F/G		
A	B	C	D	E	F/G			
46-50 mm	0 mm	AYPC.F50.0902-01 + AYPC.F50.0902-01	AYPC.F50.0902-01 + AYPC.F50.0902-01	FRK18	x55/x55			
	1 mm			FRK131				
	2 mm			FRK17				
	3 mm			FRK130				
	4 mm			FRK16				
	5 mm			FRK129				
	6 mm			FRK15				
	24 mm			AYPC.F50.0902-01		AYPC.F50.0902-01	FRK18	x32/x32
	32 mm			AYPC.F50.0902-01		AYPC.F50.0902-01	FRK14	x32/x32
	52-56 mm			0 mm		AYPC.F50.0903-01 + AYPC.F50.0902-01	AYPC.F50.0903-01 + AYPC.F50.0902-01	FRK18
1 mm		FRK131						
2 mm		FRK17						
3 mm		FRK130						
4 mm		FRK16						
5 mm		FRK129						
6 mm		FRK15						
24 mm		AYPC.F50.0903-01	AYPC.F50.0903-01	FRK18	x38/x38			
32 mm		AYPC.F50.0902-01	AYPC.F50.0902-01	FRK17	x32/x32			

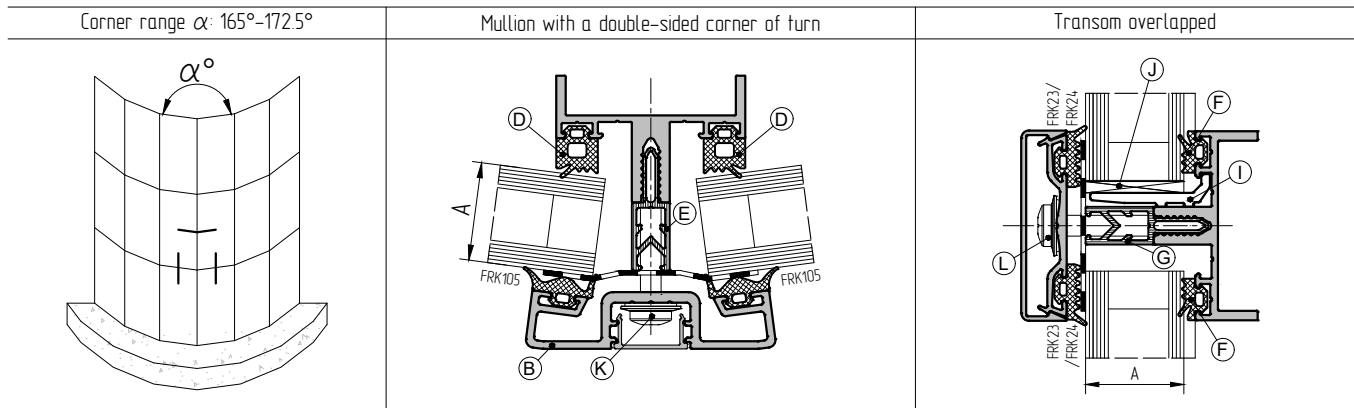
Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



Infill unit thickness at corners α	Clamp bar	Corner adapter	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass			Self-tapping screw $\varnothing 5,5\text{-A2 ISO14585}$
							bearing	leveling		
A	B	C	D	E	F	G	I	J		K/L
22 mm	AYPC F50.0603	-	FRK19	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26	x1 x2 x3	x38/x38
24 mm	AYPC F50.0603	-	FRK18	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26	x1 x2 x3	x38/x38
26 mm	AYPC F50.0603	-	FRK17	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26	x1 x2 x3	x38/x38
28 mm	AYPC F50.6009	-	FRK19	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32	x1 x2 x3	x45/x45
30 mm	AYPC F50.6009	-	FRK18	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32	x1 x2 x3	x45/x45
32 mm	AYPC F50.6009	-	FRK17	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32	x1 x2 x3	x45/x45
34 mm	AYPC F50.6009	-	FRK19	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38	x1 x2 x3	x55/x55
36 mm	AYPC F50.6009	-	FRK18	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38	x1 x2 x3	x55/x55
38 mm	AYPC F50.6009	-	FRK17	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38	x1 x2 x3	x55/x55
40 mm	AYPC F50.6009	-	FRK19	AYPC F50.0915 AYPC F50.0911	FRK16	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44	x1 x2 x3	x60/x60
42 mm	AYPC F50.6009	-	FRK18	AYPC F50.0915 AYPC F50.0911	FRK15	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44	x1 x2 x3	x60/x60
44 mm	AYPC F50.6009	-	FRK17	AYPC F50.0915 AYPC F50.0911	FRK14	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44	x1 x2 x3	x60/x60
46 mm	AYPC F50.6009	-	FRK19	AYPC F50.0916 AYPC F50.0912	FRK16	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50	x1 x2 x3	x65/x65
48 mm	AYPC F50.6009	-	FRK18	AYPC F50.0916 AYPC F50.0912	FRK15	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50	x1 x2 x3	x65/x65
50 mm	AYPC F50.6009	-	FRK17	AYPC F50.0916 AYPC F50.0912	FRK14	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50	x1 x2 x3	x65/x65
52 mm	AYPC F50.6009	-	FRK19	AYPC F50.0913	FRK16	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56	x1 x2 x3	x70/x70
54 mm	AYPC F50.6009	-	FRK18	AYPC F50.0913	FRK15	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56	x1 x2 x3	x70/x70
56 mm	AYPC F50.6009	-	FRK17	AYPC F50.0913	FRK14	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56	x1 x2 x3	x70/x70
58 mm	AYPC F50.6009	-	FRK19	AYPC F50.0914	FRK16	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62	x1 x2 x3	x80/x75
60 mm	AYPC F50.6009	-	FRK18	AYPC F50.0914	FRK15	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62	x1 x2 x3	x80/x75
62 mm	AYPC F50.6009	-	FRK17	AYPC F50.0914	FRK14	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62	x1 x2 x3	x80/x75

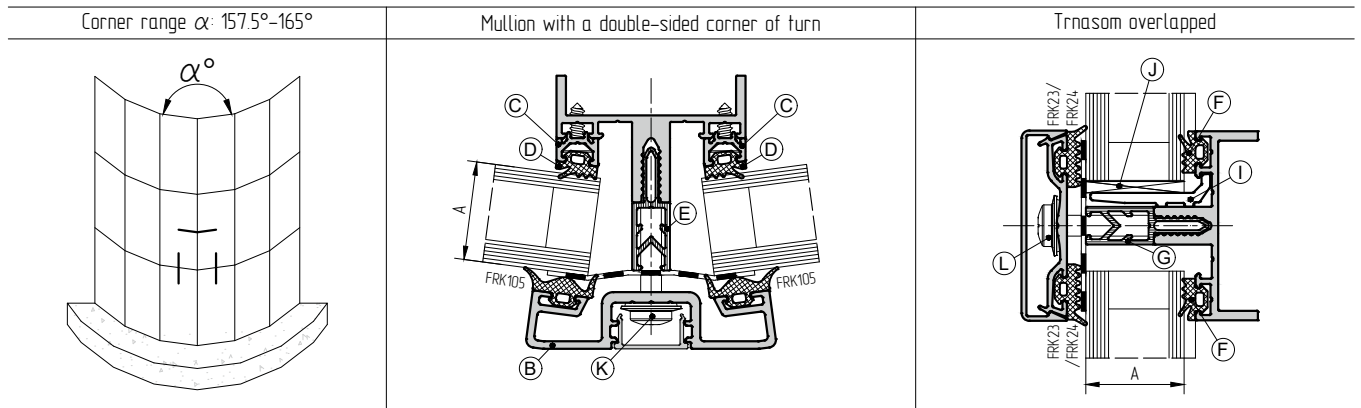


Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



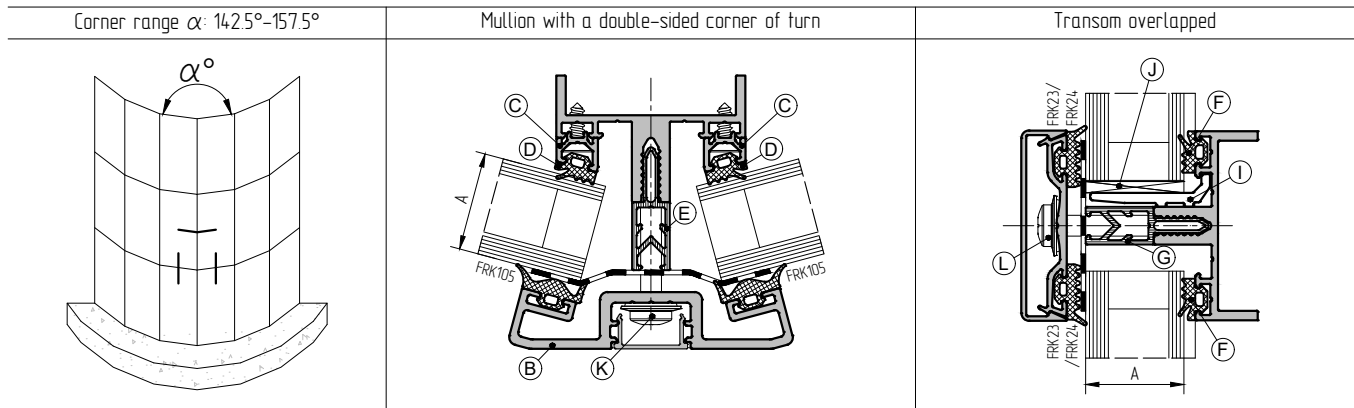
Infill unit thickness at corners α	Clamp bar	Corner adapter	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass			Self-tapping screw $\varnothing 5,5$ -A2 ISO14585
							bearing	leveling		
A	B	C	D	E	F	G	I	J	K/L	
22 mm	AYPC F50.0614	-	FRK19	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38	
24 mm	AYPC F50.0614	-	FRK18	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38	
26 mm	AYPC F50.0614	-	FRK17	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38	
28 mm	AYPC F50.0614	-	FRK19	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45	
30 mm	AYPC F50.0614	-	FRK18	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45	
32 mm	AYPC F50.0614	-	FRK17	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45	
34 mm	AYPC F50.0614	-	FRK19	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55	
36 mm	AYPC F50.0614	-	FRK18	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55	
38 mm	AYPC F50.0614	-	FRK17	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55	
40 mm	AYPC F50.0614	-	FRK19	AYPC F50.0915 AYPC F50.0911	FRK16	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60	
42 mm	AYPC F50.0614	-	FRK18	AYPC F50.0915 AYPC F50.0911	FRK15	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60	
44 mm	AYPC F50.0614	-	FRK17	AYPC F50.0915 AYPC F50.0911	FRK14	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60	
46 mm	AYPC F50.0614	-	FRK19	AYPC F50.0916 AYPC F50.0912	FRK16	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65	
48 mm	AYPC F50.0614	-	FRK18	AYPC F50.0916 AYPC F50.0912	FRK15	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65	
50 mm	AYPC F50.0614	-	FRK17	AYPC F50.0916 AYPC F50.0912	FRK14	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65	
52 mm	AYPC F50.0614	-	FRK19	AYPC F50.0913	FRK16	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70	
54 mm	AYPC F50.0614	-	FRK18	AYPC F50.0913	FRK15	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70	
56 mm	AYPC F50.0614	-	FRK17	AYPC F50.0913	FRK14	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70	
58 mm	AYPC F50.0614	-	FRK19	AYPC F50.0914	FRK16	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75	
60 mm	AYPC F50.0614	-	FRK18	AYPC F50.0914	FRK15	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75	
62 mm	AYPC F50.0614	-	FRK17	AYPC F50.0914	FRK14	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75	

Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



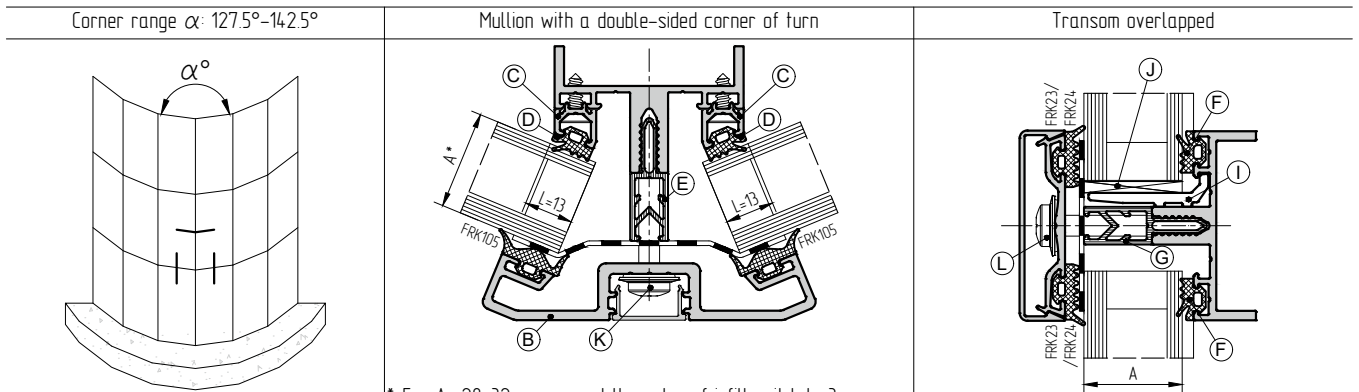
Infill unit thickness at corners α	Clamp bar	Corner adapter +7.5°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass		Self-tapping screw $\varnothing 5,5-A2$ ISO14585
							bearing	leveling	
A	B	C	D	E	F	G	I	J	K/L
22 mm	AYPC F50.0614	AYPC F50.0712	FRK16	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
24 mm	AYPC F50.0614	AYPC F50.0712	FRK15	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
26 mm	AYPC F50.0614	AYPC F50.0712	FRK14	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
28 mm	AYPC F50.0614	AYPC F50.0712	FRK16	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
30 mm	AYPC F50.0614	AYPC F50.0712	FRK15	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
32 mm	AYPC F50.0614	AYPC F50.0712	FRK14	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
34 mm	AYPC F50.0614-01	AYPC F50.0712	FRK16	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
36 mm	AYPC F50.0614-01	AYPC F50.0712	FRK15	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
38 mm	AYPC F50.0614-01	AYPC F50.0712	FRK14	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
40 mm	AYPC F50.0614-01	AYPC F50.0712	FRK16	AYPC F50.0915 AYPC F50.0911	FRK16	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
42 mm	AYPC F50.0614-01	AYPC F50.0712	FRK15	AYPC F50.0915 AYPC F50.0911	FRK15	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
44 mm	AYPC F50.0614-01	AYPC F50.0712	FRK14	AYPC F50.0915 AYPC F50.0911	FRK14	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
46 mm	AYPC F50.0614-01	AYPC F50.0712	FRK16	AYPC F50.0916 AYPC F50.0912	FRK16	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
48 mm	AYPC F50.0614-01	AYPC F50.0712	FRK15	AYPC F50.0916 AYPC F50.0912	FRK15	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
50 mm	AYPC F50.0614-01	AYPC F50.0712	FRK14	AYPC F50.0916 AYPC F50.0912	FRK14	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
52 mm	AYPC F50.0614-01	AYPC F50.0712	FRK16	AYPC F50.0913	FRK16	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
54 mm	AYPC F50.0614-01	AYPC F50.0712	FRK15	AYPC F50.0913	FRK15	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
56 mm	AYPC F50.0614-01	AYPC F50.0712	FRK14	AYPC F50.0913	FRK14	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
58 mm	AYPC F50.0614-01	AYPC F50.0712	FRK16	AYPC F50.0914	FRK16	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75
60 mm	AYPC F50.0614-01	AYPC F50.0712	FRK15	AYPC F50.0914	FRK15	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75
62 mm	AYPC F50.0614-01	AYPC F50.0712	FRK14	AYPC F50.0914	FRK14	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75

Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



Infill unit thickness at corners α	Clamp bar	Corner adapter +15°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass			Self-tapping screw $\varnothing 5,5-A2$ ISO14585		
							bearing	leveling				
A	B	C	D	E	F	G	I	J		K/L		
22 mm	150°-157.5°	AYPC.F50.0605	FRK16	AYPC.F50.0905	FRK16	AYPC.F50.0905	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
	142.5°-150°	AYPC.F50.0605-01		AYPC.F50.0908		AYPC.F50.0908						
24 mm	150°-157.5°	AYPC.F50.0605	FRK15	AYPC.F50.0905	FRK15	AYPC.F50.0905	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
	142.5°-150°	AYPC.F50.0605-01		AYPC.F50.0908		AYPC.F50.0908						
26 mm	150°-157.5°	AYPC.F50.0605	FRK14	AYPC.F50.0905	FRK14	AYPC.F50.0905	AYPC.F50.0941	100x26	x1	x2	x3	x38/x38
	142.5°-150°	AYPC.F50.0605-01		AYPC.F50.0908		AYPC.F50.0908						
28 mm	150°-157.5°	AYPC.F50.0605	FRK16	AYPC.F50.0906	FRK16	AYPC.F50.0906	AYPC.F50.0941-01	100x32	x1	x2	x3	x45/x45
	142.5°-150°	AYPC.F50.0605-01		AYPC.F50.0909		AYPC.F50.0909						
30 mm	150°-157.5°	AYPC.F50.0605	FRK15	AYPC.F50.0906	FRK15	AYPC.F50.0906	AYPC.F50.0941-01	100x32	x1	x2	x3	x45/x45
	142.5°-150°	AYPC.F50.0605-01		AYPC.F50.0909		AYPC.F50.0909						
32 mm	150°-157.5°	AYPC.F50.0605	FRK14	AYPC.F50.0906	FRK14	AYPC.F50.0906	AYPC.F50.0941-01	100x32	x1	x2	x3	x45/x45
	142.5°-150°	AYPC.F50.0605-01		AYPC.F50.0909		AYPC.F50.0909						
34 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK16	AYPC.F50.0907	FRK16	AYPC.F50.0907	AYPC.F50.0941-02	100x38	x1	x2	x3	x55/x55
36 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK15	AYPC.F50.0907	FRK15	AYPC.F50.0907	AYPC.F50.0941-02	100x38	x1	x2	x3	x55/x55
38 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK14	AYPC.F50.0907	FRK14	AYPC.F50.0907	AYPC.F50.0941-02	100x38	x1	x2	x3	x55/x55
40 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK16	AYPC.F50.0915	FRK16	AYPC.F50.0915	AYPC.F50.0952	100x44	x1	x2	x3	x60/x60
42 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK15	AYPC.F50.0915	FRK15	AYPC.F50.0915	AYPC.F50.0952	100x44	x1	x2	x3	x60/x60
44 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK14	AYPC.F50.0915	FRK14	AYPC.F50.0915	AYPC.F50.0952	100x44	x1	x2	x3	x60/x60
46 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK16	AYPC.F50.0916	FRK16	AYPC.F50.0916	AYPC.F50.0952-01	100x50	x1	x2	x3	x65/x65
48 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK15	AYPC.F50.0916	FRK15	AYPC.F50.0916	AYPC.F50.0952-01	100x50	x1	x2	x3	x65/x65
50 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK14	AYPC.F50.0916	FRK14	AYPC.F50.0916	AYPC.F50.0952-01	100x50	x1	x2	x3	x65/x65
52 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK16	AYPC.F50.0913	FRK16	AYPC.F50.0913	AYPC.F50.0952-02	100x56	x1	x2	x3	x70/x70
54 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK15	AYPC.F50.0913	FRK15	AYPC.F50.0913	AYPC.F50.0952-02	100x56	x1	x2	x3	x70/x70
56 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK14	AYPC.F50.0913	FRK14	AYPC.F50.0913	AYPC.F50.0952-02	100x56	x1	x2	x3	x70/x70
58 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK16	AYPC.F50.0914	FRK16	AYPC.F50.0914	AYPC.F50.0952-03	100x62	x1	x2	x3	x80/x75
60 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK15	AYPC.F50.0914	FRK15	AYPC.F50.0914	AYPC.F50.0952-03	100x62	x1	x2	x3	x80/x75
62 mm	AYPC.F50.0605-01	AYPC.F50.0705	FRK14	AYPC.F50.0914	FRK14	AYPC.F50.0914	AYPC.F50.0952-03	100x62	x1	x2	x3	x80/x75

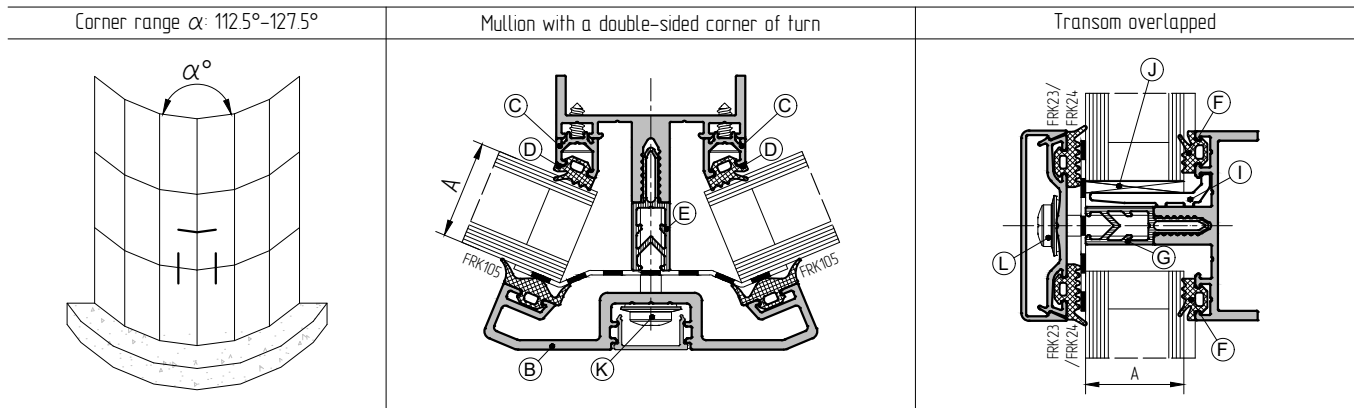
Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



* For A= 28-32 mm expand the entry of infill unit L to 3mm

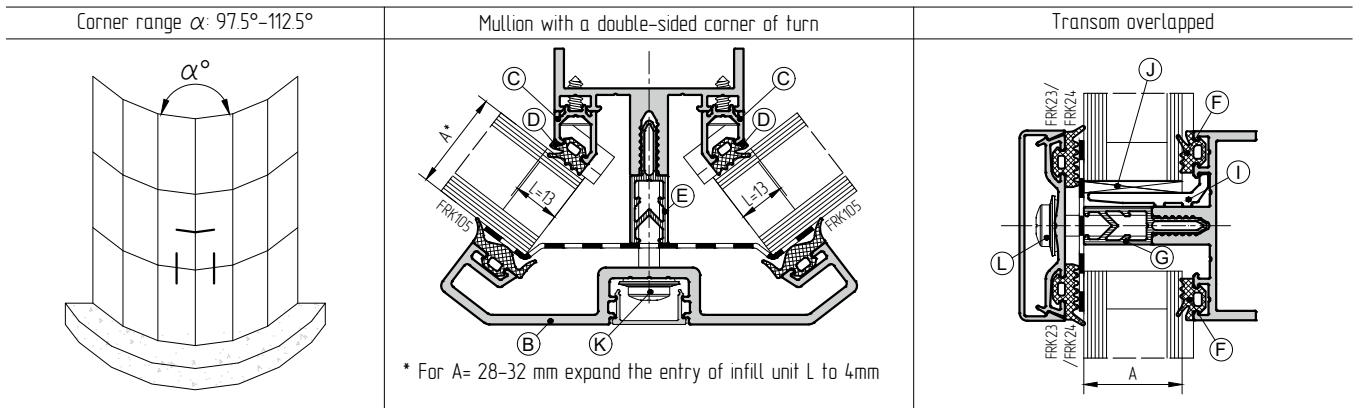
Infill unit thickness at corners α	Clamp bar	Corner adapter +22.5°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass			Self-tapping screw $\varnothing 5,5$ -A2 ISO14585
							bearing	leveling		
A	B	C	D	E	F	G	I	J		K/L
22 mm	AYPC.F50.0615	AYPC.F50.0713	FRK16	AYPC.F50.0905 AYPC.F50.0908	FRK16	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
24 mm	AYPC.F50.0615	AYPC.F50.0713	FRK15	AYPC.F50.0905 AYPC.F50.0908	FRK15	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
26 mm	AYPC.F50.0615	AYPC.F50.0713	FRK14	AYPC.F50.0905 AYPC.F50.0908	FRK14	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
28 mm*	AYPC.F50.0615	AYPC.F50.0713	FRK16	AYPC.F50.0906 AYPC.F50.0909	FRK16	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
30 mm*	AYPC.F50.0615	AYPC.F50.0713	FRK15	AYPC.F50.0906 AYPC.F50.0909	FRK15	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
32 mm*	AYPC.F50.0615	AYPC.F50.0713	FRK14	AYPC.F50.0906 AYPC.F50.0909	FRK14	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
34 mm	139°-142.5°	AYPC.F50.0615	FRK16	AYPC.F50.0907 AYPC.F50.0910	FRK16	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x55/x55
	127.5°-139°	AYPC.F50.0615-01								
36 mm	139°-142.5°	AYPC.F50.0615	FRK15	AYPC.F50.0907 AYPC.F50.0910	FRK15	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x55/x55
	127.5°-139°	AYPC.F50.0615-01								
38 mm	139°-142.5°	AYPC.F50.0615	FRK14	AYPC.F50.0907 AYPC.F50.0910	FRK14	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38	x1 x2 x3	x55/x55
	127.5°-139°	AYPC.F50.0615-01								
40 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK16	AYPC.F50.0915 AYPC.F50.0911	FRK16	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x60/x60
42 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK15	AYPC.F50.0915 AYPC.F50.0911	FRK15	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x60/x60
44 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK14	AYPC.F50.0915 AYPC.F50.0911	FRK14	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44	x1 x2 x3	x60/x60
46 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK16	AYPC.F50.0916 AYPC.F50.0912	FRK16	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
48 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK15	AYPC.F50.0916 AYPC.F50.0912	FRK15	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
50 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK14	AYPC.F50.0916 AYPC.F50.0912	FRK14	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50	x1 x2 x3	x65/x65
52 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK16	AYPC.F50.0913	FRK16	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
54 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK15	AYPC.F50.0913	FRK15	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
56 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK14	AYPC.F50.0913	FRK14	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56	x1 x2 x3	x70/x70
58 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK16	AYPC.F50.0914	FRK16	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
60 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK15	AYPC.F50.0914	FRK15	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75
62 mm	AYPC.F50.0615-01	AYPC.F50.0713	FRK14	AYPC.F50.0914	FRK14	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62	x1 x2 x3	x80/x75

Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



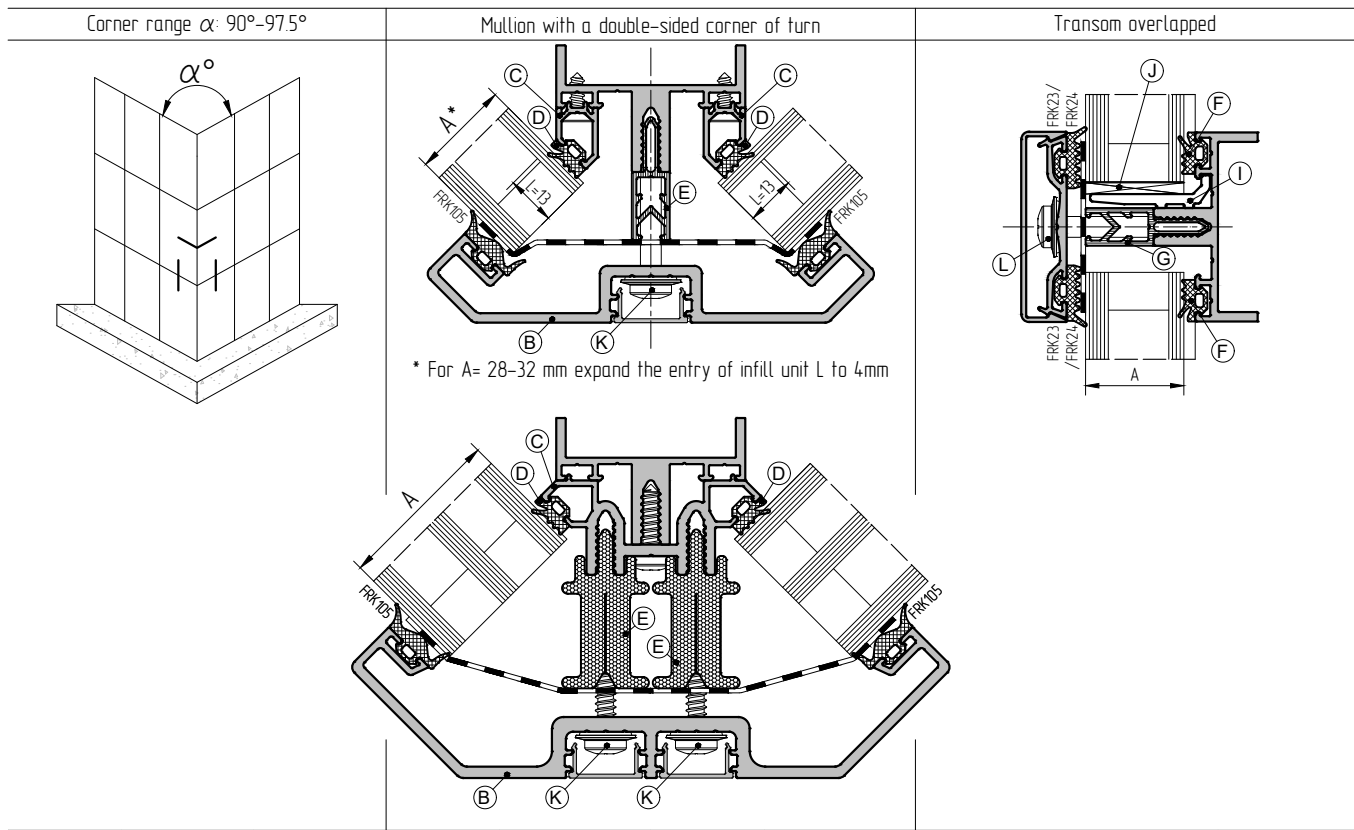
Infill unit thickness at corners α	Clamp bar	Corner adapter +30°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass		Self-tapping screw $\varnothing 5,5-A2$ ISO14585
							bearing	leveling	
A	B	C	D	E	F	G	I	J	K/L
22 mm	AYPC.F50.0606	AYPC.F50.0706	FRK16	AYPC.F50.0905 AYPC.F50.0908	FRK16	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
24 mm	AYPC.F50.0606	AYPC.F50.0706	FRK15	AYPC.F50.0905 AYPC.F50.0908	FRK15	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
26 mm	AYPC.F50.0606	AYPC.F50.0706	FRK14	AYPC.F50.0905 AYPC.F50.0908	FRK14	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
28 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK16	AYPC.F50.0905 AYPC.F50.0908	FRK16	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
30 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK15	AYPC.F50.0905 AYPC.F50.0908	FRK15	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
32 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK14	AYPC.F50.0905 AYPC.F50.0908	FRK14	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
34 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK16	AYPC.F50.0906 AYPC.F50.0909	FRK16	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55
36 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK15	AYPC.F50.0906 AYPC.F50.0909	FRK15	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55
38 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK14	AYPC.F50.0906 AYPC.F50.0909	FRK14	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55
40 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK16	AYPC.F50.0915 AYPC.F50.0911	FRK16	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x60/x60
42 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK15	AYPC.F50.0915 AYPC.F50.0911	FRK15	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x60/x60
44 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK14	AYPC.F50.0915 AYPC.F50.0911	FRK14	AYPC.F50.0915 AYPC.F50.0911	AYPC.F50.0952 AYPC.F50.9973	100x44 x1 x2 x3	x60/x60
46 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK16	AYPC.F50.0916 AYPC.F50.0912	FRK16	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x65
48 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK15	AYPC.F50.0916 AYPC.F50.0912	FRK15	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x65
50 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK14	AYPC.F50.0916 AYPC.F50.0912	FRK14	AYPC.F50.0916 AYPC.F50.0912	AYPC.F50.0952-01 AYPC.F50.9974	100x50 x1 x2 x3	x65/x65
52 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK16	AYPC.F50.0913	FRK16	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x70
54 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK15	AYPC.F50.0913	FRK15	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x70
56 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK14	AYPC.F50.0913	FRK14	AYPC.F50.0913	AYPC.F50.0952-02 AYPC.F50.9975	100x56 x1 x2 x3	x70/x70
58 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK16	AYPC.F50.0914	FRK16	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x80/x75
60 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK15	AYPC.F50.0914	FRK15	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x80/x75
62 mm	AYPC.F50.0606-01	AYPC.F50.0706	FRK14	AYPC.F50.0914	FRK14	AYPC.F50.0914	AYPC.F50.0952-03 AYPC.F50.9976	100x62 x1 x2 x3	x80/x75

Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



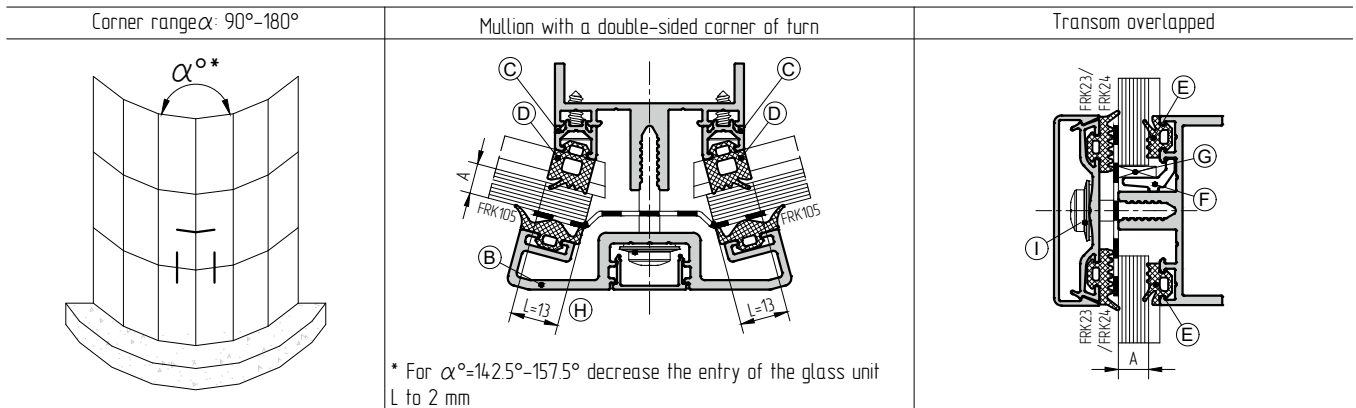
Infill unit thickness at corners α	Clamp bar	Corner adapter +37.5°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass		Self-tapping screw $\varnothing 5,5-A2$ ISO14585
							bearing	leveling	
A	B	C	D	E	F	G	I	J	K/L
22 mm	AYPC F50.0616	AYPC F50.0714	FRK16	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
24 mm	AYPC F50.0616	AYPC F50.0714	FRK15	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
26 mm	AYPC F50.0616	AYPC F50.0714	FRK14	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
28 mm*	AYPC F50.0616	AYPC F50.0714	FRK16	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
30 mm*	AYPC F50.0616	AYPC F50.0714	FRK15	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
32 mm*	AYPC F50.0616	AYPC F50.0714	FRK14	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
34 mm	AYPC F50.0616-01	AYPC F50.0714	FRK16	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x45/x55
36 mm	AYPC F50.0616-01	AYPC F50.0714	FRK15	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x45/x55
38 mm	AYPC F50.0616-01	AYPC F50.0714	FRK14	AYPC F50.0907 AYPC F50.0909	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x45/x55
40 mm	AYPC F50.0616-01	AYPC F50.0714	FRK16	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x55/x60
42 mm	AYPC F50.0616-01	AYPC F50.0714	FRK15	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x55/x60
44 mm	AYPC F50.0616-01	AYPC F50.0714	FRK14	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x55/x60
46 mm	AYPC F50.0616-01	AYPC F50.0714	FRK16	AYPC F50.0916 AYPC F50.0912	FRK16	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
48 mm	AYPC F50.0616-01	AYPC F50.0714	FRK15	AYPC F50.0916 AYPC F50.0912	FRK15	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
50 mm	AYPC F50.0616-01	AYPC F50.0714	FRK14	AYPC F50.0916 AYPC F50.0912	FRK14	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
52 mm	AYPC F50.0616-01	AYPC F50.0714	FRK16	AYPC F50.0913	FRK16	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
54 mm	AYPC F50.0616-01	AYPC F50.0714	FRK15	AYPC F50.0913	FRK15	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
56 mm	AYPC F50.0616-01	AYPC F50.0714	FRK14	AYPC F50.0913	FRK14	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x70/x70
58 mm	AYPC F50.0616-01	AYPC F50.0714	FRK16	AYPC F50.0914	FRK16	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75
60 mm	AYPC F50.0616-01	AYPC F50.0714	FRK15	AYPC F50.0914	FRK15	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75
62 mm	AYPC F50.0616-01	AYPC F50.0714	FRK14	AYPC F50.0914	FRK14	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x80/x75

Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



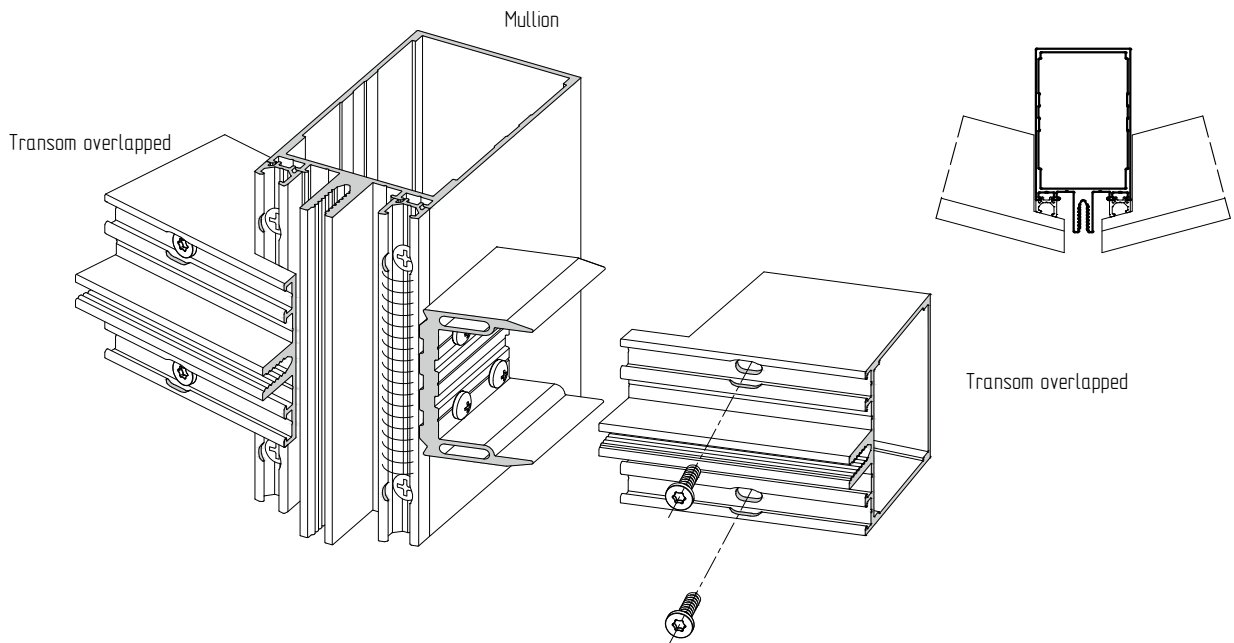
Infill unit thickness at corners α	Clamp bars	Corner adapter +45°/+90°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass		Self-tapping screw $\varnothing 5,5$ -A2 ISO14585
							bearing	leveling	
A	B	C	D	E	F	G	I	J	K/L
22 mm	AYPC F50.0607	AYPC F50.0707	FRK16	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x45/x38
24 mm	AYPC F50.0607	AYPC F50.0707	FRK15	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x45/x38
26 mm	AYPC F50.0607	AYPC F50.0707	FRK14	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x45/x38
28 mm*	AYPC F50.0607	AYPC F50.0707	FRK16	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x50/x45
30 mm*	AYPC F50.0607	AYPC F50.0707	FRK15	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x50/x45
32 mm*	AYPC F50.0607	AYPC F50.0707	FRK14	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-02 AYPC F50.9971	100x32 x1 x2 x3	x50/x45
34 mm	AYPC F50.0607-01	AYPC F50.0715	FRK16	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x50/x55
36 mm	AYPC F50.0607-01	AYPC F50.0715	FRK15	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x50/x55
38 mm	AYPC F50.0607-01	AYPC F50.0715	FRK14	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x50/x55
40 mm	AYPC F50.0607-01	AYPC F50.0715	FRK16	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x55/x60
42 mm	AYPC F50.0607-01	AYPC F50.0715	FRK15	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x55/x60
44 mm	AYPC F50.0607-01	AYPC F50.0715	FRK14	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x55/x60
46 mm	AYPC F50.0607-01	AYPC F50.0715	FRK16	AYPC F50.0915 AYPC F50.0911	FRK16	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
48 mm	AYPC F50.0607-01	AYPC F50.0715	FRK15	AYPC F50.0915 AYPC F50.0911	FRK15	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
50 mm	AYPC F50.0607-01	AYPC F50.0715	FRK14	AYPC F50.0915 AYPC F50.0911	FRK14	AYPC F50.0916 AYPC F50.0912	AYPC F50.0952-01 AYPC F50.9974	100x50 x1 x2 x3	x65/x65
52 mm	AYPC F50.0607-02	AYPC F50.0715	FRK16	AYPC F50.0916 AYPC F50.0912	FRK16	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x60/x70
54 mm	AYPC F50.0607-02	AYPC F50.0715	FRK15	AYPC F50.0916 AYPC F50.0912	FRK15	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x60/x70
56 mm	AYPC F50.0607-02	AYPC F50.0715	FRK14	AYPC F50.0916 AYPC F50.0912	FRK14	AYPC F50.0913	AYPC F50.0952-02 AYPC F50.9975	100x56 x1 x2 x3	x60/x70
58 mm	AYPC F50.0607-02	AYPC F50.0715	FRK16	AYPC F50.0913	FRK16	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x70/x75
60 mm	AYPC F50.0607-02	AYPC F50.0715	FRK15	AYPC F50.0913	FRK15	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x70/x75
62 mm	AYPC F50.0607-02	AYPC F50.0715	FRK14	AYPC F50.0913	FRK14	AYPC F50.0914	AYPC F50.0952-03 AYPC F50.9976	100x62 x1 x2 x3	x70/x75

Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction

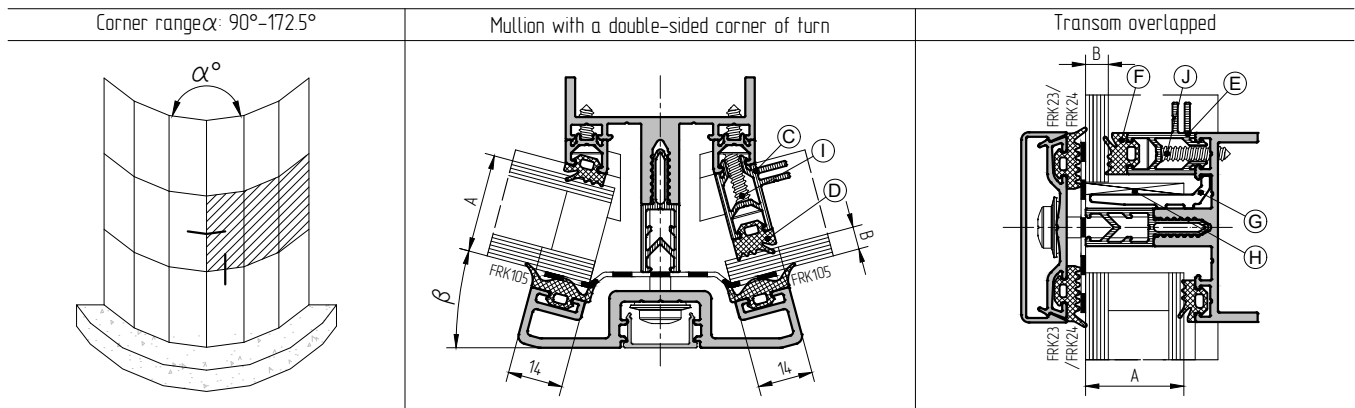


* For $\alpha=142.5^\circ-157.5^\circ$ decrease the entry of the glass unit L to 2 mm

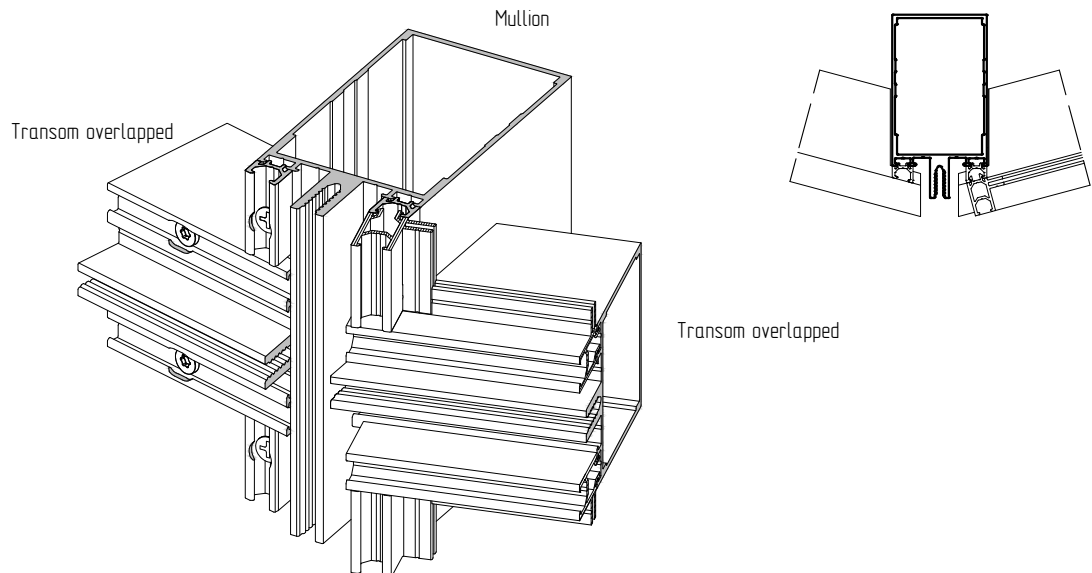
Corner of turn α	Infill unit thickness A	Clamp bar B	Corner adapter C	Gasket on the mullion D	Gasket on the transom overlapped E	Support for glass		Self-tapping screw $\varnothing 5,5-A2$ ISO14585 H/I
						bearing F	leveling G	
172.5°-180°		AYPC.F50.6009	-	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1 mm	x22/x22
172.5°-180°	5 mm/6 mm	AYPC.F50.6009	-	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm	x22/x22
172.5°-180°	8 mm	AYPC.F50.6009	-	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm	x22/x22
157.5°-172.5°	4 mm	AYPC.F50.0614	AYPC.F50.0712	+7.5°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1 mm
157.5°-172.5°	5 mm/6 mm	AYPC.F50.0614	AYPC.F50.0712	+7.5°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm
157.5°-172.5°	8 mm	AYPC.F50.0614	AYPC.F50.0712	+7.5°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm
142.5°-157.5°*	4 mm	AYPC.F50.0605	AYPC.F50.0705	+15°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1 mm
142.5°-157.5°*	5 mm/6 mm	AYPC.F50.0605	AYPC.F50.0705	+15°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm
142.5°-157.5°*	8 mm	AYPC.F50.0605	AYPC.F50.0705	+15°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm
127.5°-142.5°	4 mm	AYPC.F50.0615	AYPC.F50.0713	+22.5°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1 mm
127.5°-142.5°	5 mm/6 mm	AYPC.F50.0615	AYPC.F50.0713	+22.5°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm
127.5°-142.5°	8 mm	AYPC.F50.0615	AYPC.F50.0713	+22.5°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm
112.5°-127.5°	4 mm	AYPC.F50.0606	AYPC.F50.0706	+30°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1 mm
112.5°-127.5°	5 mm/6 mm	AYPC.F50.0606	AYPC.F50.0706	+30°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm
112.5°-127.5°	8 mm	AYPC.F50.0606	AYPC.F50.0706	+30°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm
97.5°-112.5°	4 mm	AYPC.F50.0616	AYPC.F50.0714	+37.5°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1 mm
97.5°-112.5°	5 mm/6 mm	AYPC.F50.0616	AYPC.F50.0714	+37.5°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm
97.5°-112.5°	8 mm	AYPC.F50.0616	AYPC.F50.0714	+37.5°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm
90°-97.5°	4 mm	AYPC.F50.0607	AYPC.F50.0707	+45°	FRK19	FRK16	AYPC.F50.0940	AYPC.110.0901=1 mm
90°-97.5°	5 mm/6 mm	AYPC.F50.0607	AYPC.F50.0707	+45°	FRK18	FRK15	AYPC.F50.0940	AYPC.110.0902=2 mm
90°-97.5°	8 mm	AYPC.F50.0607	AYPC.F50.0707	+45°	FRK17	FRK14	AYPC.F50.0940	AYPC.110.0903=3 mm



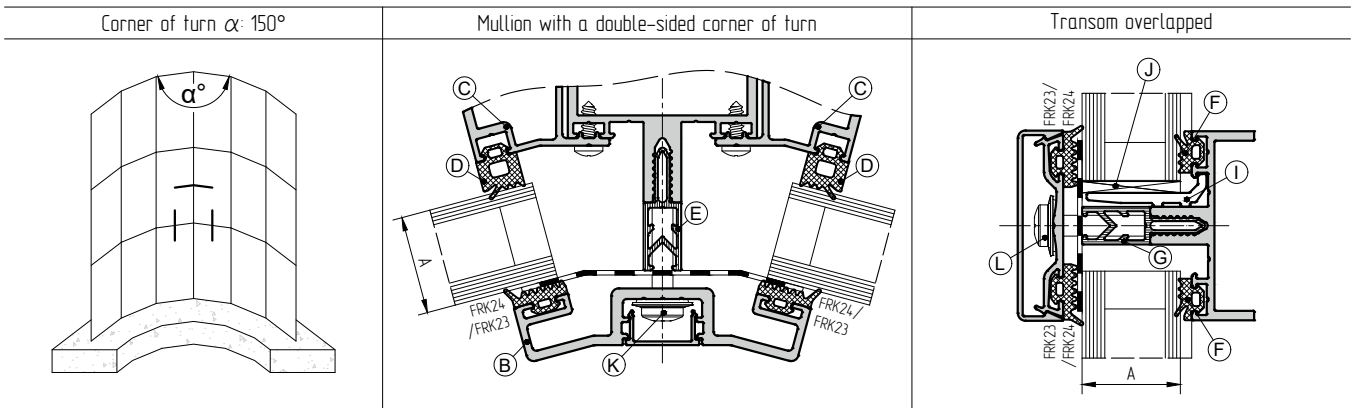
Glazing of the translucent facade structure with the installation of distance inserts for external double-sided corners depending on the type of profile junction



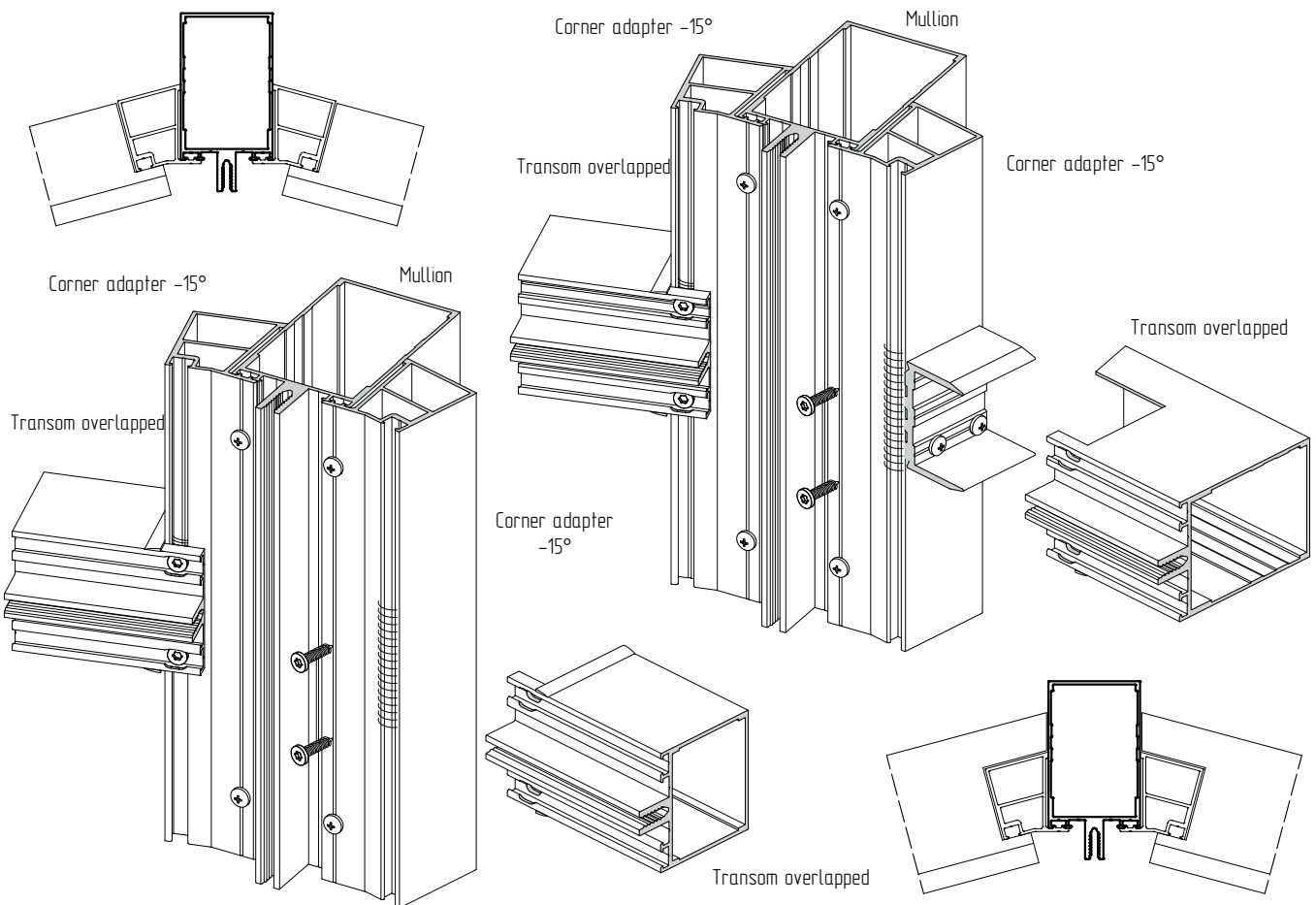
Infill unit thickness	Infill unit thickness	Mullion with a double-sided corner $\beta=7.5^\circ/15^\circ/22.5^\circ/30^\circ/37.5^\circ/45^\circ$		Transom overlapped		Support for glass			Self-tapping screw $\varnothing 3.9-A2$ ISO14586 increment 300mm		
		Distance profile	Gasket	Distance profile	Gasket	bearing	leveling				
A	B	C	D	E	F	G	H		I/J		
22-26 mm	4 mm	AYPC.F50.0901	FRK16	AYPC.F50.0901	FRK16	AYPC.F50.0941	100x26	x1	x2	x3	x25/x25
	6 mm	AYPC.F50.0901	FRK15	AYPC.F50.0901	FRK15	AYPC.F50.0941	100x26	x1	x2	x3	x25/x25
	8 mm	AYPC.F50.0901	FRK14	AYPC.F50.0901	FRK14	AYPC.F50.0941	100x26	x1	x2	x3	x25/x25
28-32 mm	4 mm	AYPC.F50.0902	FRK16	AYPC.F50.0902	FRK16	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
	6 mm	AYPC.F50.0902	FRK15	AYPC.F50.0902	FRK15	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
	8 mm	AYPC.F50.0902	FRK14	AYPC.F50.0902	FRK14	AYPC.F50.0941-01	100x32	x1	x2	x3	x32/x32
34-38 mm	4 mm	AYPC.F50.0902	FRK19	AYPC.F50.0902	FRK19	AYPC.F50.0941-02	100x38	x1	x2	x3	x32/x32
	6 mm	AYPC.F50.0902	FRK18	AYPC.F50.0902	FRK18	AYPC.F50.0941-02	100x38	x1	x2	x3	x32/x32
	8 mm	AYPC.F50.0902	FRK17	AYPC.F50.0902	FRK17	AYPC.F50.0941-02	100x38	x1	x2	x3	x32/x32
40-44 mm	4 mm	AYPC.F50.0901	FRK16	AYPC.F50.0901	FRK16	AYPC.F50.0952	100x44	x1	x2	x3	x45/x45
	6 mm	AYPC.F50.0901	FRK15	AYPC.F50.0901	FRK15	AYPC.F50.0952	100x44	x1	x2	x3	x45/x45
	8 mm	AYPC.F50.0901	FRK14	AYPC.F50.0901	FRK14	AYPC.F50.0952	100x44	x1	x2	x3	x45/x45
46-50 mm	4 mm	AYPC.F50.0901	FRK19	AYPC.F50.0901	FRK19	AYPC.F50.0952-01	100x50	x1	x2	x3	x45/x45
	6 mm	AYPC.F50.0901	FRK18	AYPC.F50.0901	FRK18	AYPC.F50.0952-01	100x50	x1	x2	x3	x45/x45
	8 mm	AYPC.F50.0901	FRK17	AYPC.F50.0901	FRK17	AYPC.F50.0952-01	100x50	x1	x2	x3	x45/x45
52-56 mm	4 mm	AYPC.F50.0902	FRK16	AYPC.F50.0902	FRK16	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x60
	6 mm	AYPC.F50.0902	FRK15	AYPC.F50.0902	FRK15	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x60
	8 mm	AYPC.F50.0902	FRK14	AYPC.F50.0902	FRK14	AYPC.F50.0952-02	100x56	x1	x2	x3	x60/x60
58-62 mm	4 mm	AYPC.F50.0902	FRK19	AYPC.F50.0902	FRK19	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60
	6 mm	AYPC.F50.0902	FRK18	AYPC.F50.0902	FRK18	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60
	8 mm	AYPC.F50.0902	FRK17	AYPC.F50.0902	FRK17	AYPC.F50.0952-03	100x62	x1	x2	x3	x60/x60



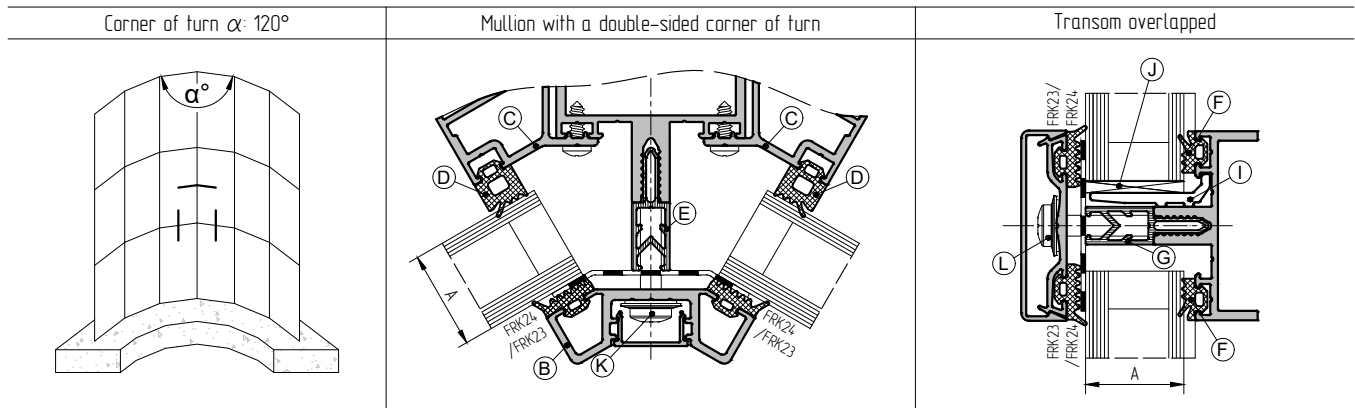
Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction



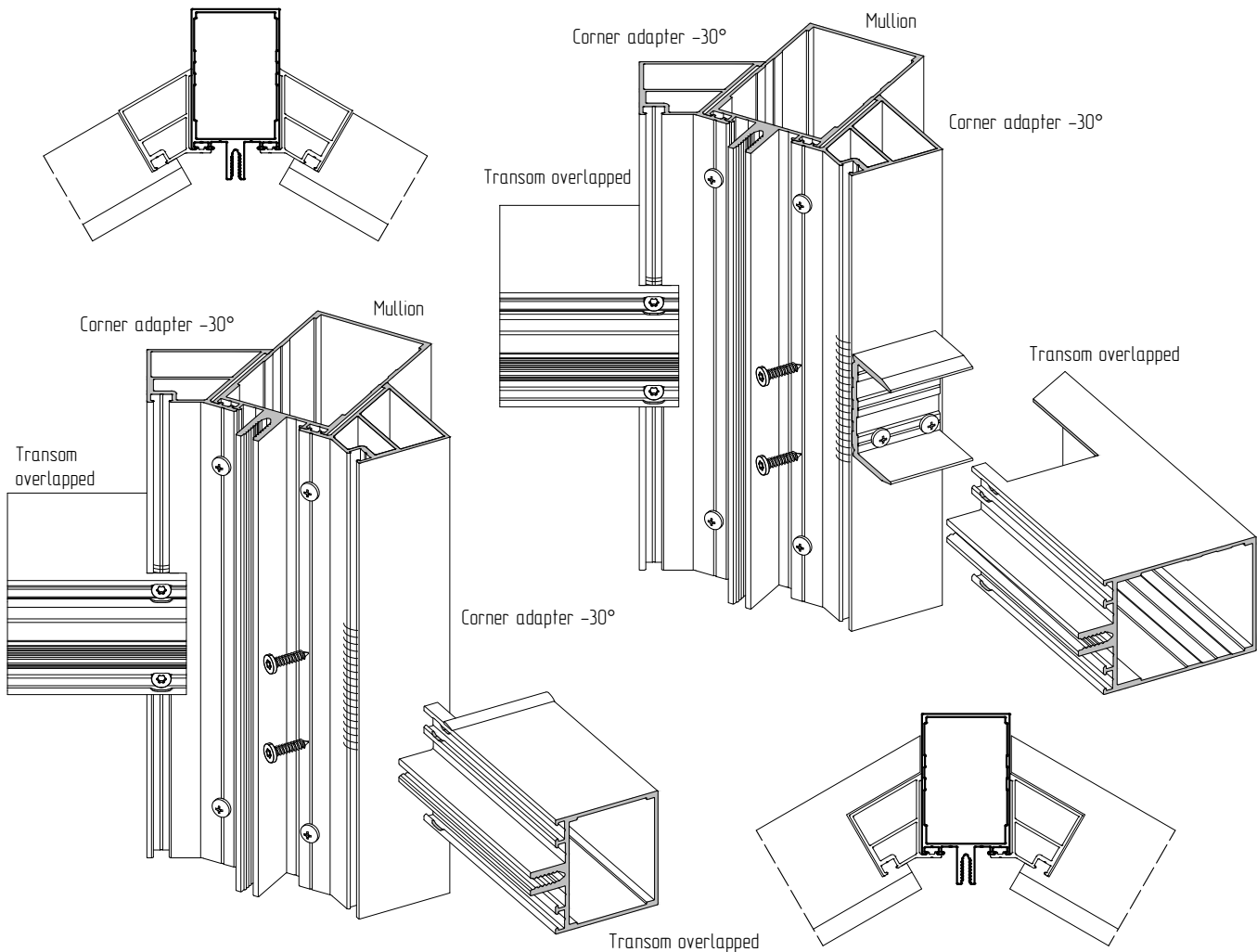
Infill unit thickness at corners α	Clamp bar	Corner adapter -15°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass		Self-tapping screw Ø5,5-A2 ISO14585
							bearing	leveling	
A	B	C	D	E	F	G	I	J	K/L
22 mm	AYPC F50.0608	AYPC F50.0708	FRK19	AYPC F50.0905 AYPC F50.0908	FRK16	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
24 mm	AYPC F50.0608	AYPC F50.0708	FRK18	AYPC F50.0905 AYPC F50.0908	FRK15	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
26 mm	AYPC F50.0608	AYPC F50.0708	FRK17	AYPC F50.0905 AYPC F50.0908	FRK14	AYPC F50.0905 AYPC F50.0908	AYPC F50.0941	100x26 x1 x2 x3	x38/x38
28 mm	AYPC F50.0608	AYPC F50.0708	FRK19	AYPC F50.0906 AYPC F50.0909	FRK16	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
30 mm	AYPC F50.0608	AYPC F50.0708	FRK18	AYPC F50.0906 AYPC F50.0909	FRK15	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
32 mm	AYPC F50.0608	AYPC F50.0708	FRK17	AYPC F50.0906 AYPC F50.0909	FRK14	AYPC F50.0906 AYPC F50.0909	AYPC F50.0941-01 AYPC F50.9971	100x32 x1 x2 x3	x45/x45
34 mm	AYPC F50.0608	AYPC F50.0708	FRK19	AYPC F50.0907 AYPC F50.0910	FRK16	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
36 mm	AYPC F50.0608	AYPC F50.0708	FRK18	AYPC F50.0907 AYPC F50.0910	FRK15	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
38 mm	AYPC F50.0608	AYPC F50.0708	FRK17	AYPC F50.0907 AYPC F50.0910	FRK14	AYPC F50.0907 AYPC F50.0910	AYPC F50.0941-02 AYPC F50.9972	100x38 x1 x2 x3	x55/x55
40 mm	AYPC F50.0608	AYPC F50.0708	FRK19	AYPC F50.0915 AYPC F50.0911	FRK16	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
42 mm	AYPC F50.0608	AYPC F50.0708	FRK18	AYPC F50.0915 AYPC F50.0911	FRK15	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60
44 mm	AYPC F50.0608	AYPC F50.0708	FRK17	AYPC F50.0915 AYPC F50.0911	FRK14	AYPC F50.0915 AYPC F50.0911	AYPC F50.0952 AYPC F50.9973	100x44 x1 x2 x3	x60/x60



Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction

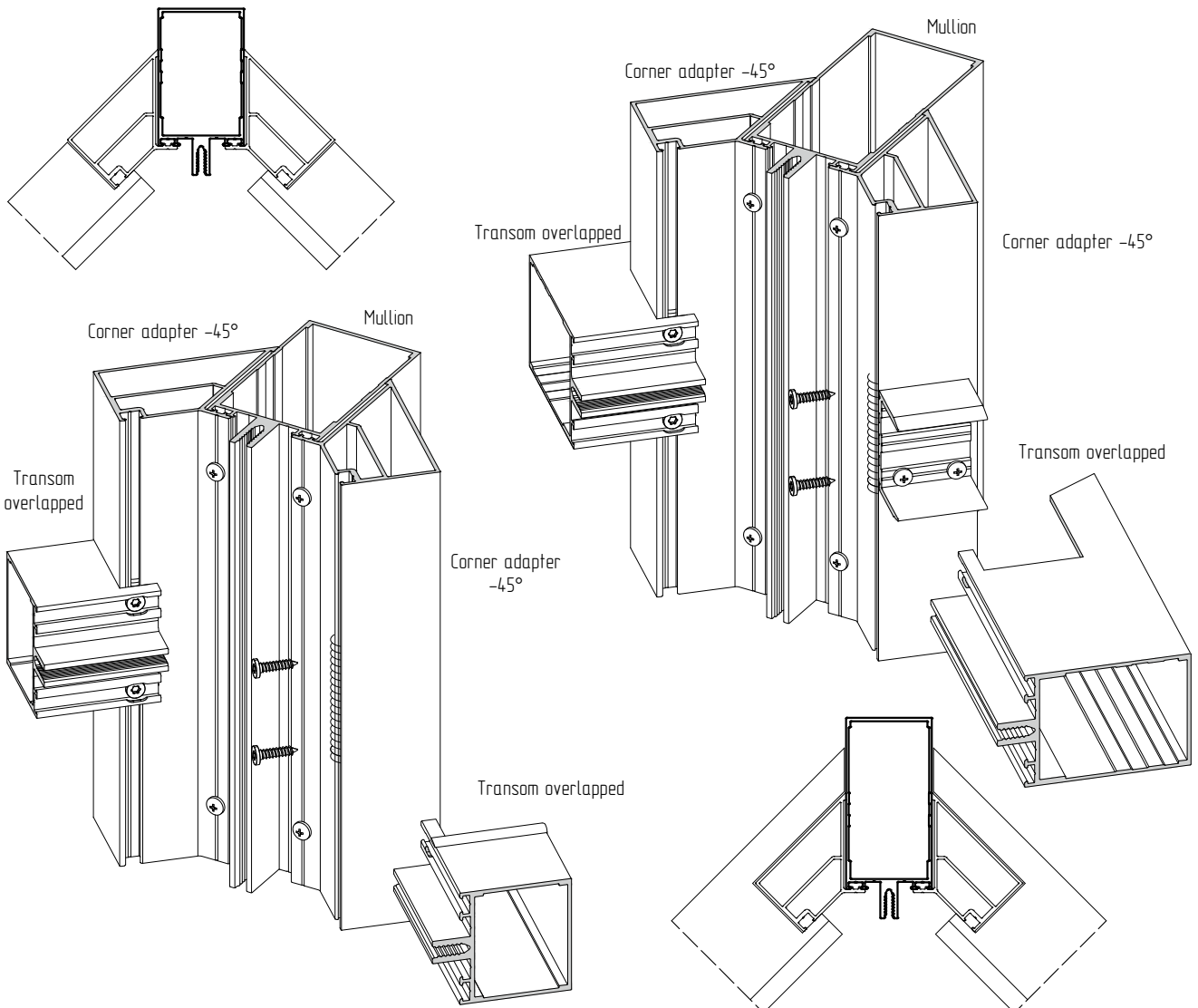


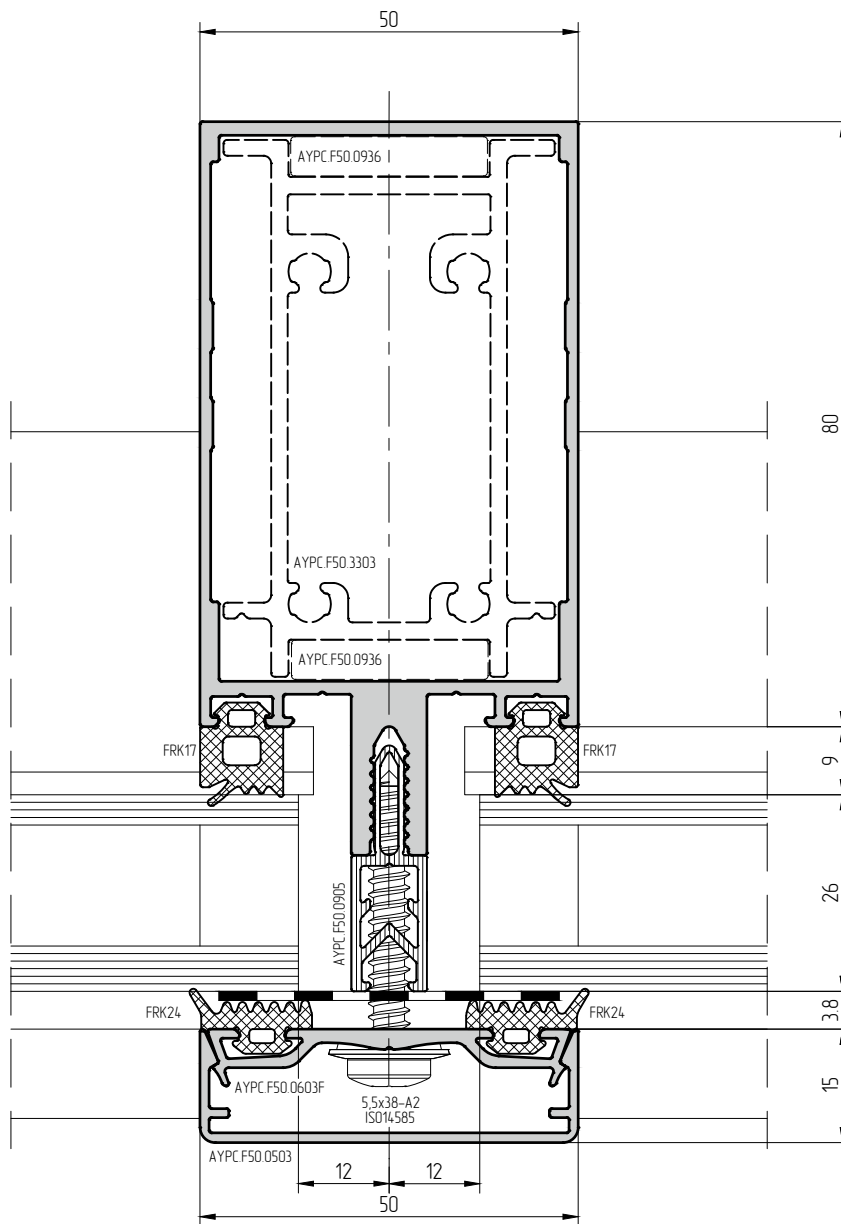
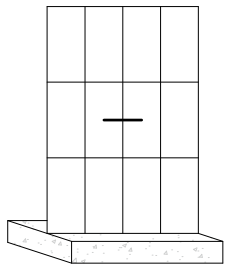
Infill unit thickness at corners α	Clamp bar	Corner adapter -30°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the transom overlapped	Support for glass		Self-tapping screw $\varnothing 5,5$ -A2 ISO14585
							bearing	leveling	
A	B	C	D	E	F	G	I	J	K/L
22 mm	AYPC.F50.0609	AYPC.F50.0709	FRK19	AYPC.F50.0905 AYPC.F50.0908	FRK16	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
24 mm	AYPC.F50.0609	AYPC.F50.0709	FRK18	AYPC.F50.0905 AYPC.F50.0908	FRK15	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
26 mm	AYPC.F50.0609	AYPC.F50.0709	FRK17	AYPC.F50.0905 AYPC.F50.0908	FRK14	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26 x1 x2 x3	x38/x38
28 mm	AYPC.F50.0609	AYPC.F50.0709	FRK19	AYPC.F50.0906 AYPC.F50.0909	FRK16	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
30 mm	AYPC.F50.0609	AYPC.F50.0709	FRK18	AYPC.F50.0906 AYPC.F50.0909	FRK15	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
32 mm	AYPC.F50.0609	AYPC.F50.0709	FRK17	AYPC.F50.0906 AYPC.F50.0909	FRK14	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32 x1 x2 x3	x45/x45
34 mm	AYPC.F50.0609	AYPC.F50.0709	FRK19	AYPC.F50.0907 AYPC.F50.0910	FRK16	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55
36 mm	AYPC.F50.0609	AYPC.F50.0709	FRK18	AYPC.F50.0907 AYPC.F50.0910	FRK15	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55
38 mm	AYPC.F50.0609	AYPC.F50.0709	FRK17	AYPC.F50.0907 AYPC.F50.0910	FRK14	AYPC.F50.0907 AYPC.F50.0910	AYPC.F50.0941-02 AYPC.F50.9972	100x38 x1 x2 x3	x55/x55



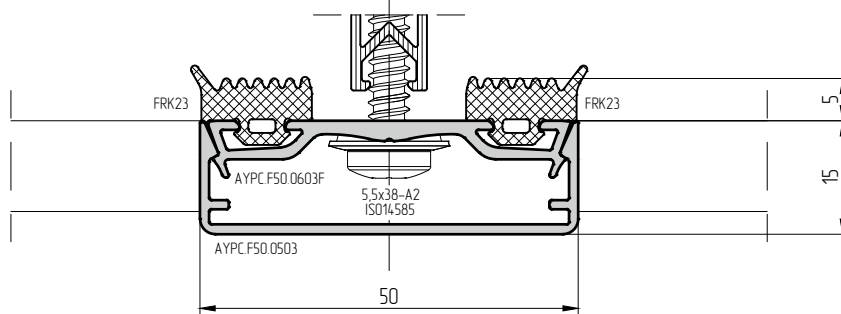
Glazing of the translucent facade structure for external double-sided corners depending on the type of profile junction

Corner of turn $\alpha: 90^\circ$			Mullion with a double-sided corner of turn				Transom overlapped			
Infill unit thickness at corners α	Clamp bar	Corner adapter -45°	Gasket on the mullion	Thermal break on the mullion	Gasket on the transom overlapped	Thermal break on the gasket overlapped	Support for glass			Self-tapping screw $\varnothing 5,5-A2$ ISO14585
							bearing	leveling	K/L	
22 mm	AYPC.F50.0610	AYPC.F50.0710	FRK19	AYPC.F50.0905 AYPC.F50.0908	FRK16	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
24 mm	AYPC.F50.0610	AYPC.F50.0710	FRK18	AYPC.F50.0905 AYPC.F50.0908	FRK15	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
26 mm	AYPC.F50.0610	AYPC.F50.0710	FRK17	AYPC.F50.0905 AYPC.F50.0908	FRK14	AYPC.F50.0905 AYPC.F50.0908	AYPC.F50.0941	100x26	x1 x2 x3	x38/x38
28 mm	AYPC.F50.0610	AYPC.F50.0710	FRK19	AYPC.F50.0906 AYPC.F50.0909	FRK16	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
30 mm	AYPC.F50.0610	AYPC.F50.0710	FRK18	AYPC.F50.0906 AYPC.F50.0909	FRK15	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45
32 mm	AYPC.F50.0610	AYPC.F50.0710	FRK17	AYPC.F50.0906 AYPC.F50.0909	FRK14	AYPC.F50.0906 AYPC.F50.0909	AYPC.F50.0941-01 AYPC.F50.9971	100x32	x1 x2 x3	x45/x45

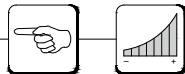
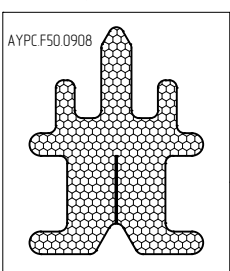


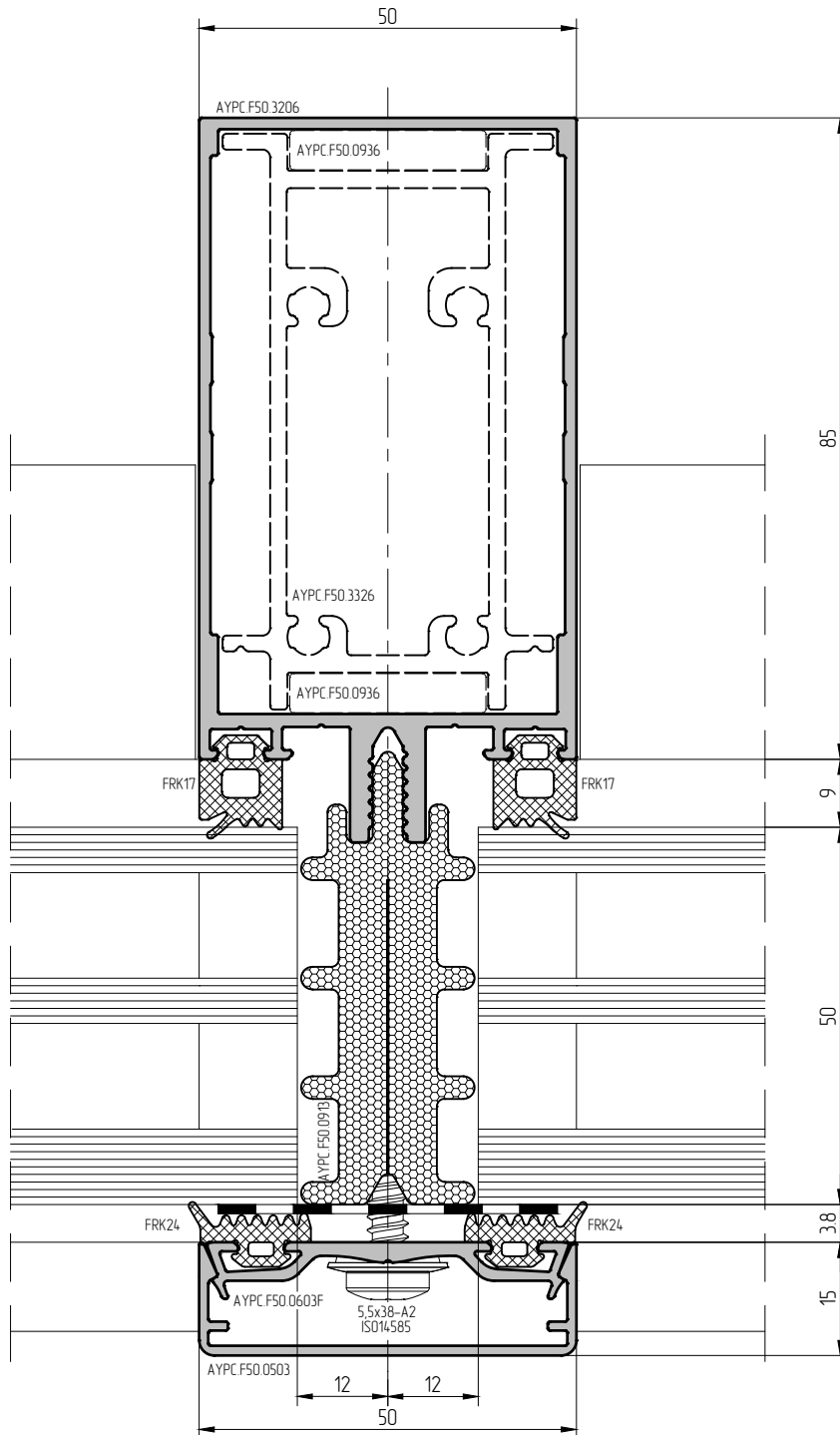
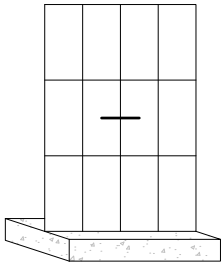


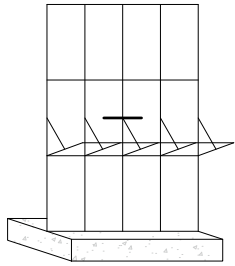
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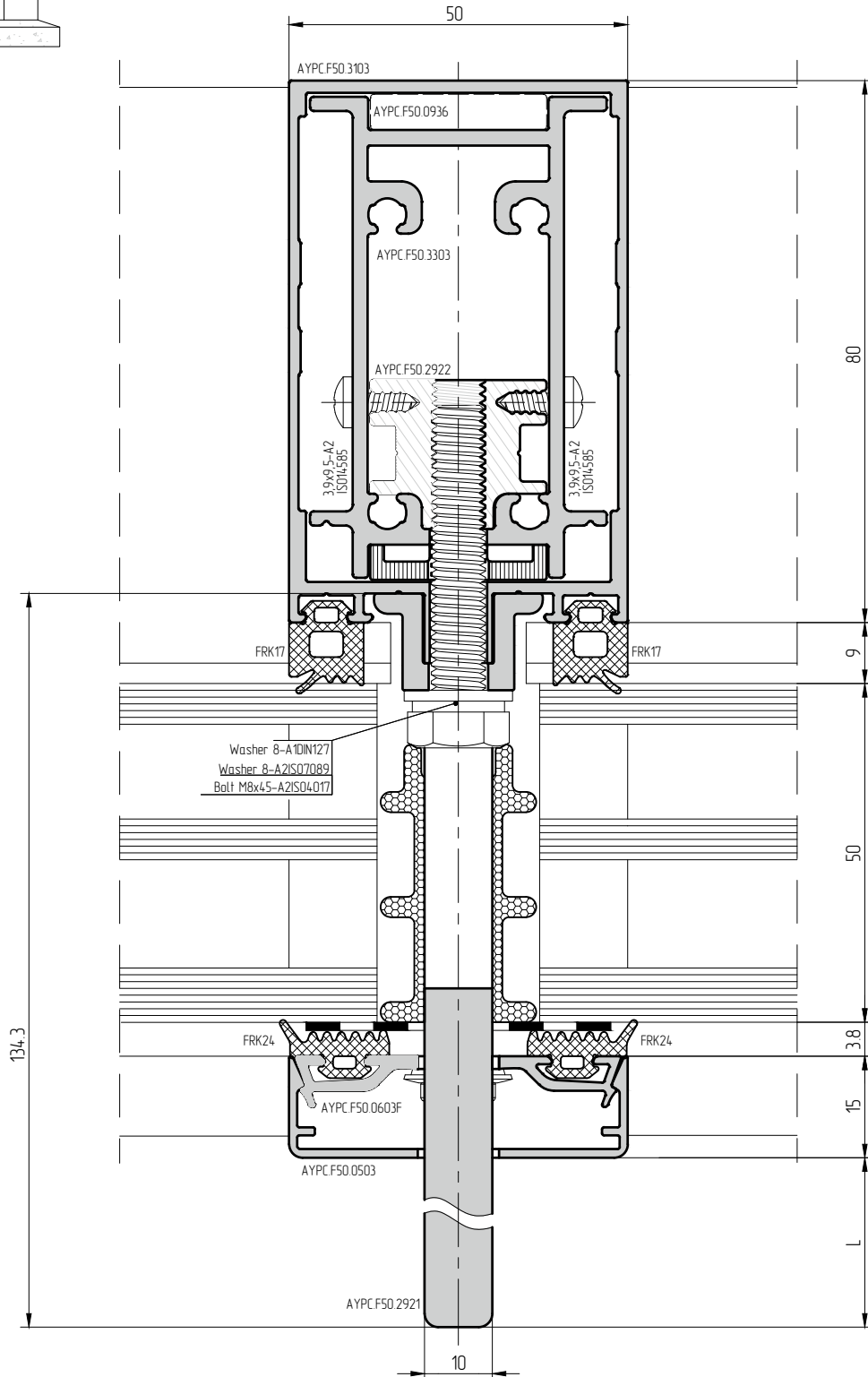
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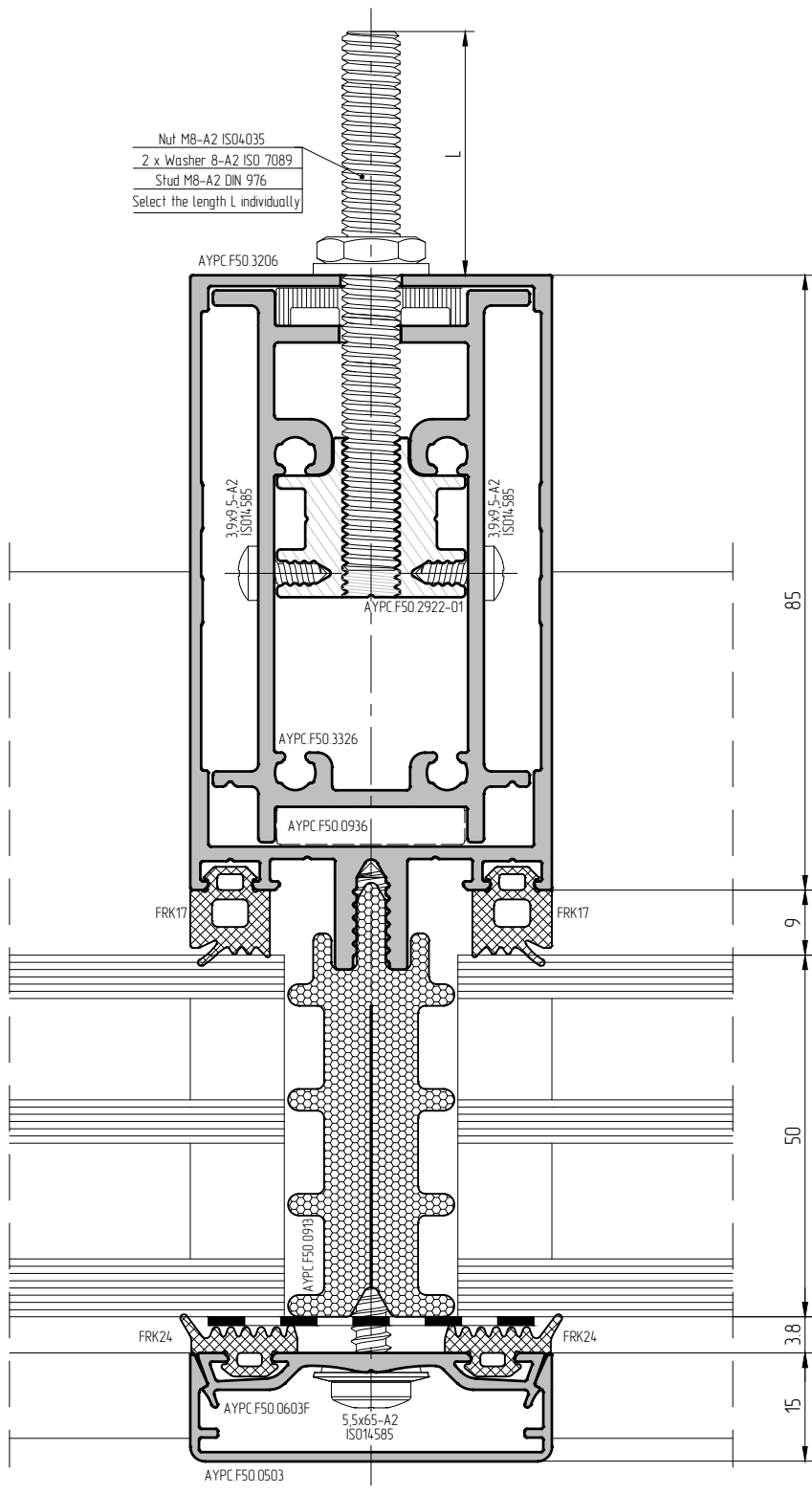
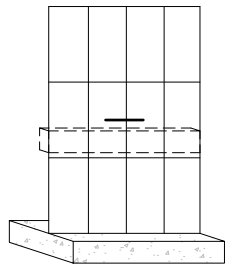


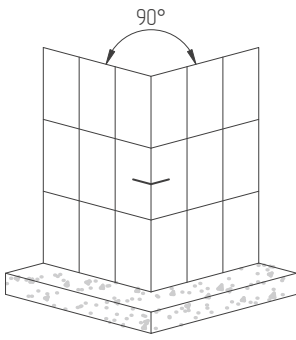




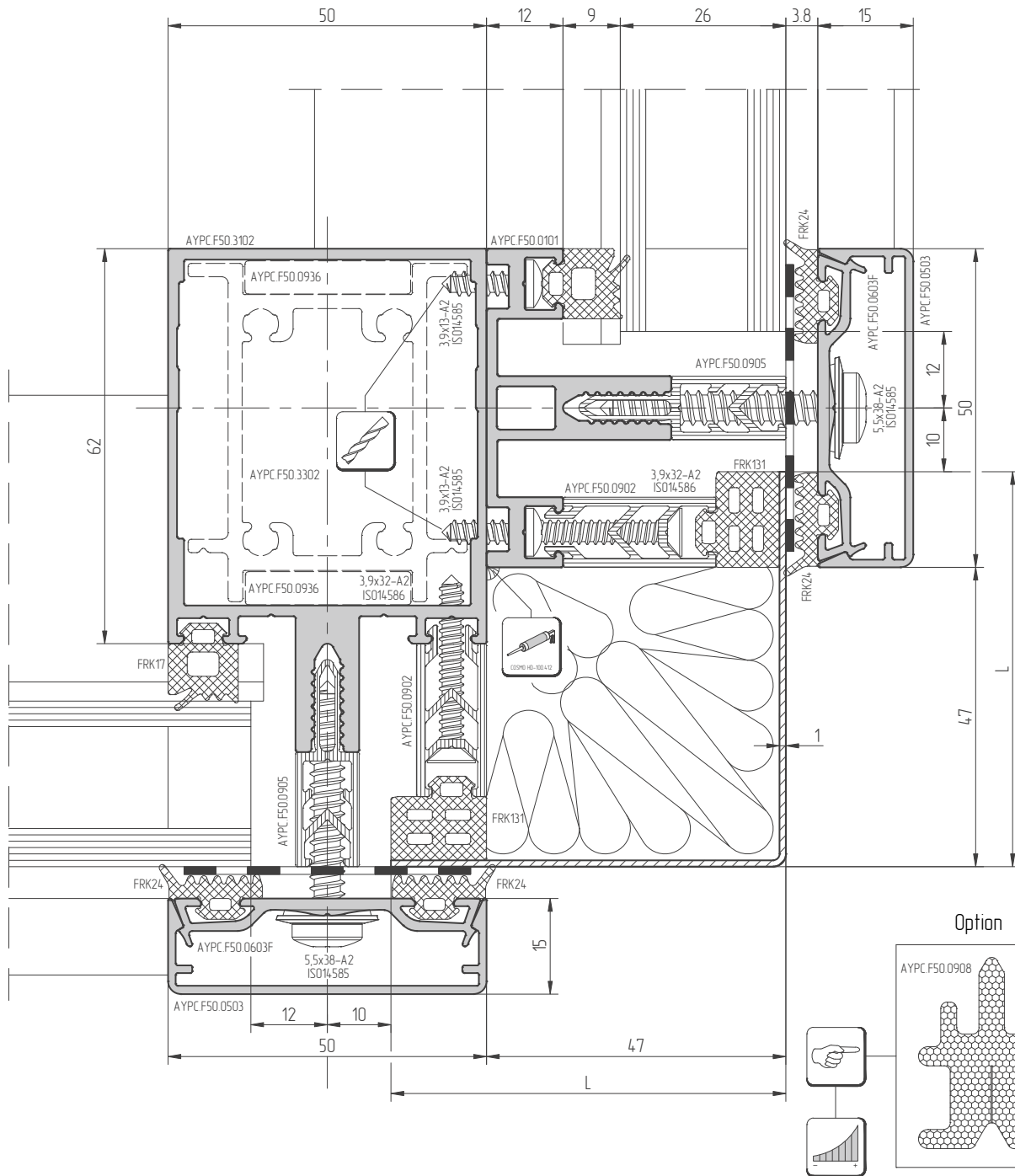
Length of AYPC.F50.2921 bearing bracket				
Glass thickness	Length L, mm	Gasket	Clamp bar	Cover cap
34-38 mm	63	FRK23 / FRK24	AYPC.F50.0603F	AYPC.F50.0503
40-44 mm	57	FRK23 / FRK24	AYPC.F50.0603F	AYPC.F50.0503
46-50 mm	51	FRK23 / FRK24	AYPC.F50.0603F	AYPC.F50.0503
52-56 mm	45	FRK23 / FRK24	AYPC.F50.0603F	AYPC.F50.0503
58-62 mm	39	FRK23 / FRK24	AYPC.F50.0603F	AYPC.F50.0503

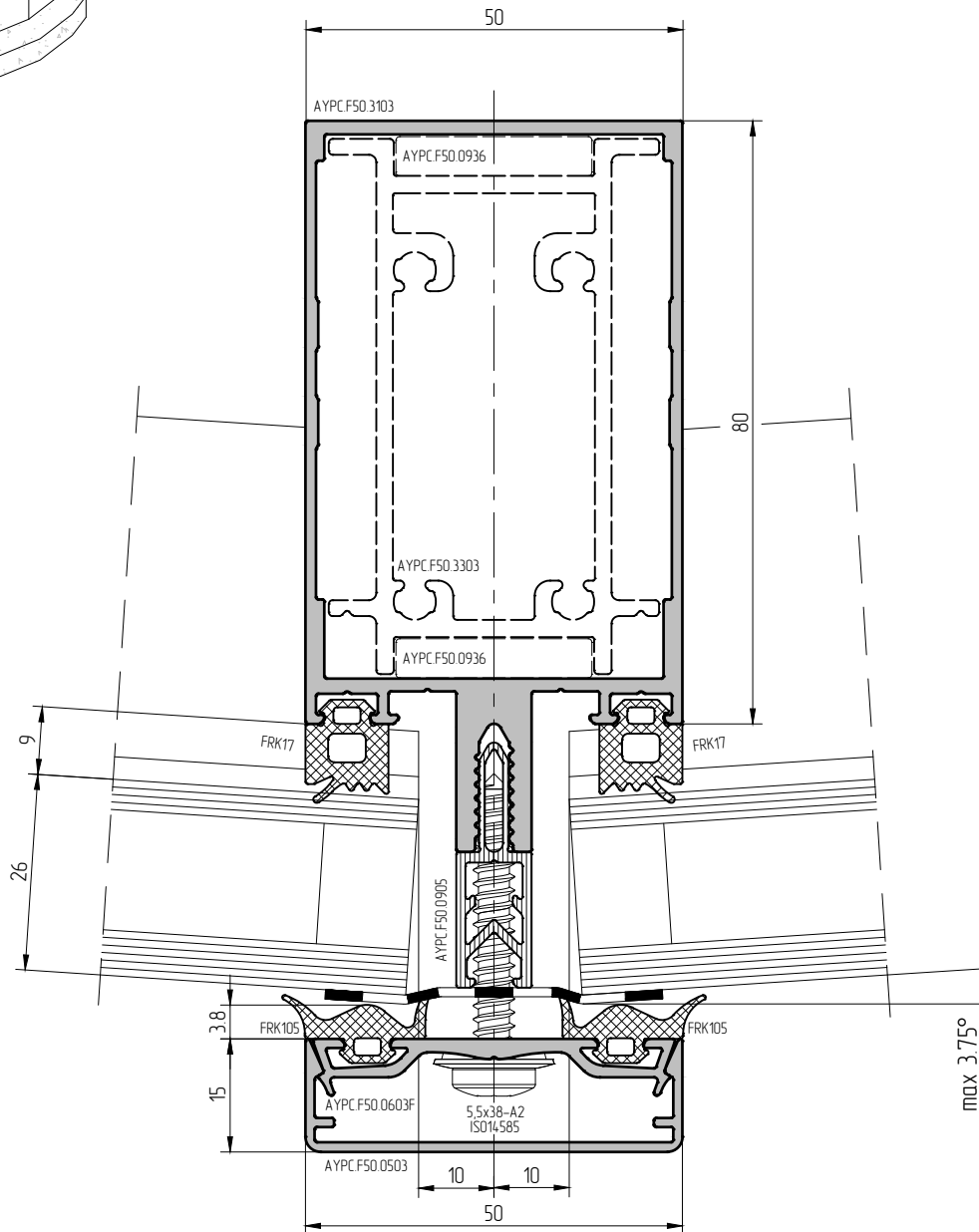
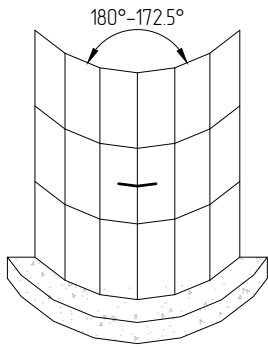




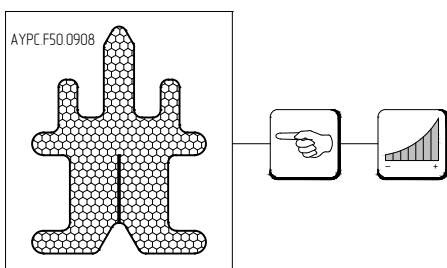


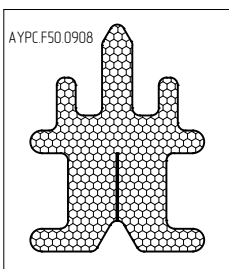
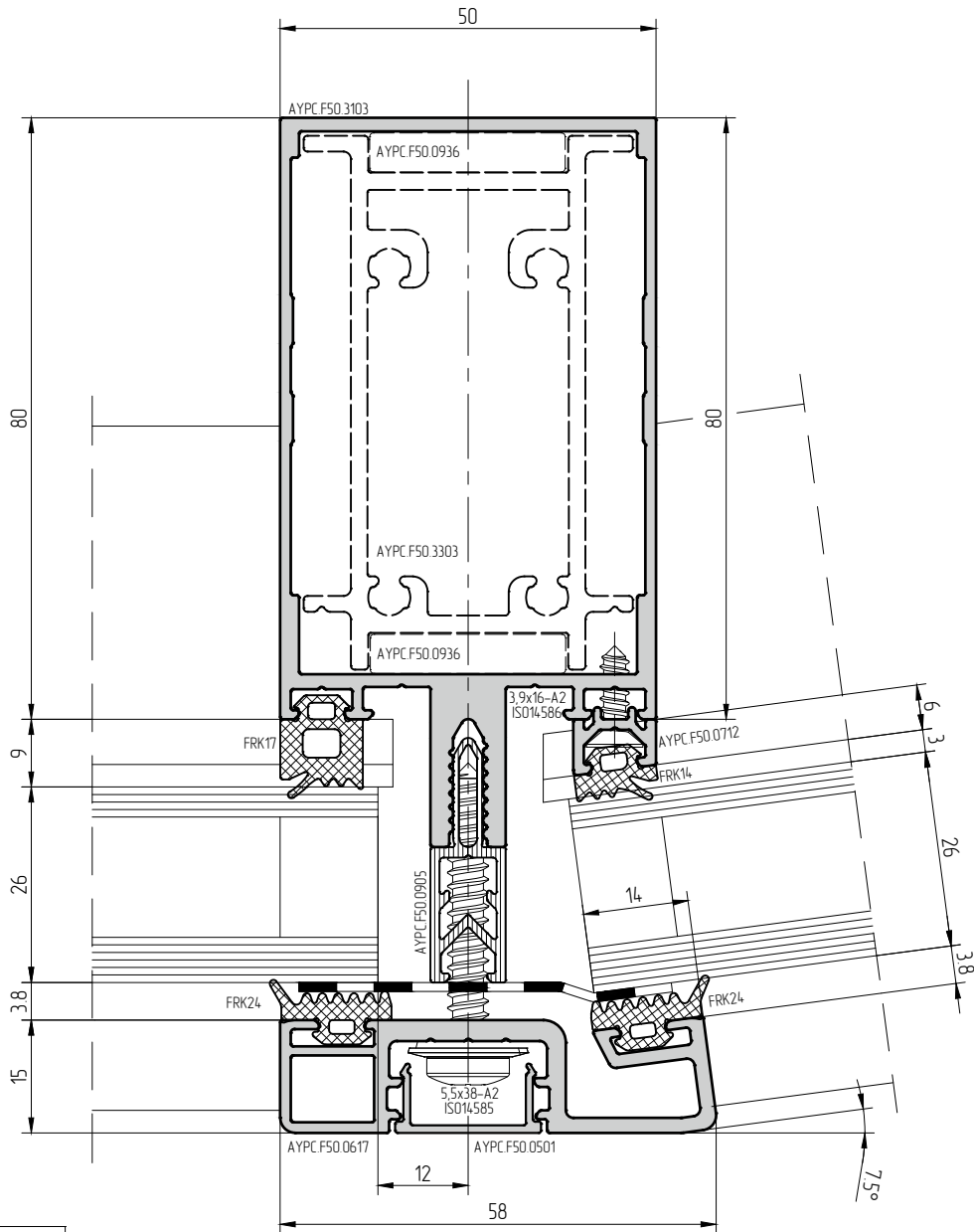
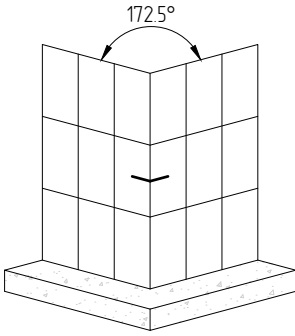
Angular cover strip			
Glass thickness	Width L, mm	for mullion	for mullion
22-26 mm	62	AYPC.F50.3102	AYPC.F50.0101
28-32 mm	68	AYPC.F50.3102	AYPC.F50.0101
34-38 mm	74	AYPC.F50.3102	AYPC.F50.0101
40-44 mm	80	AYPC.F50.3102	AYPC.F50.0101
46-50 mm	86	AYPC.F50.3102	AYPC.F50.0101
52-56 mm	92	AYPC.F50.3102	AYPC.F50.0101
58-62 mm	98	AYPC.F50.3102	AYPC.F50.0101

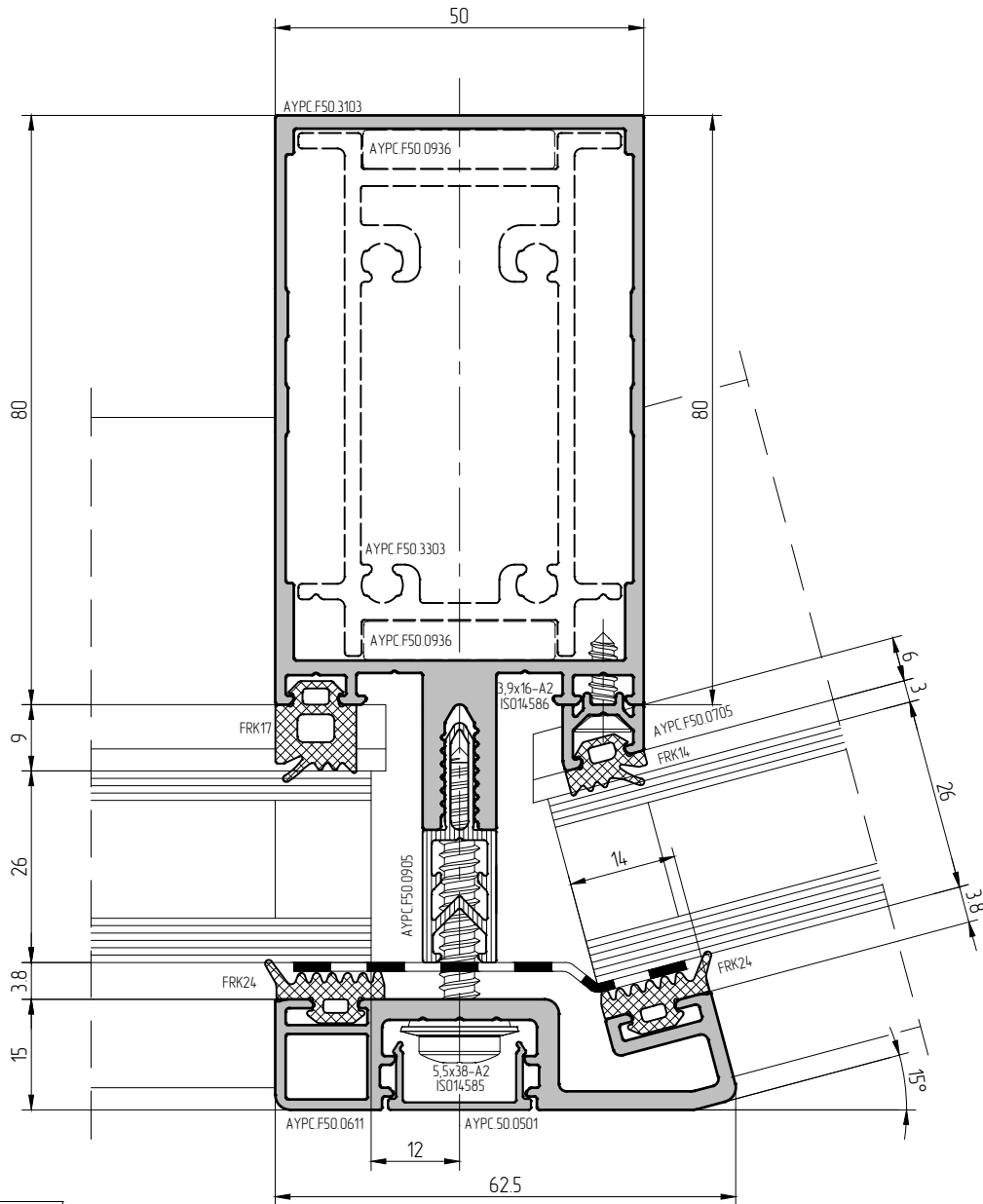
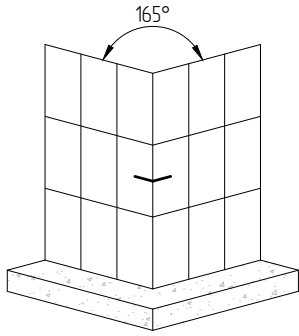




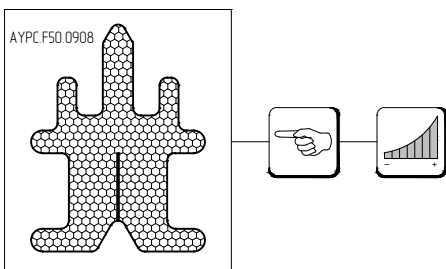
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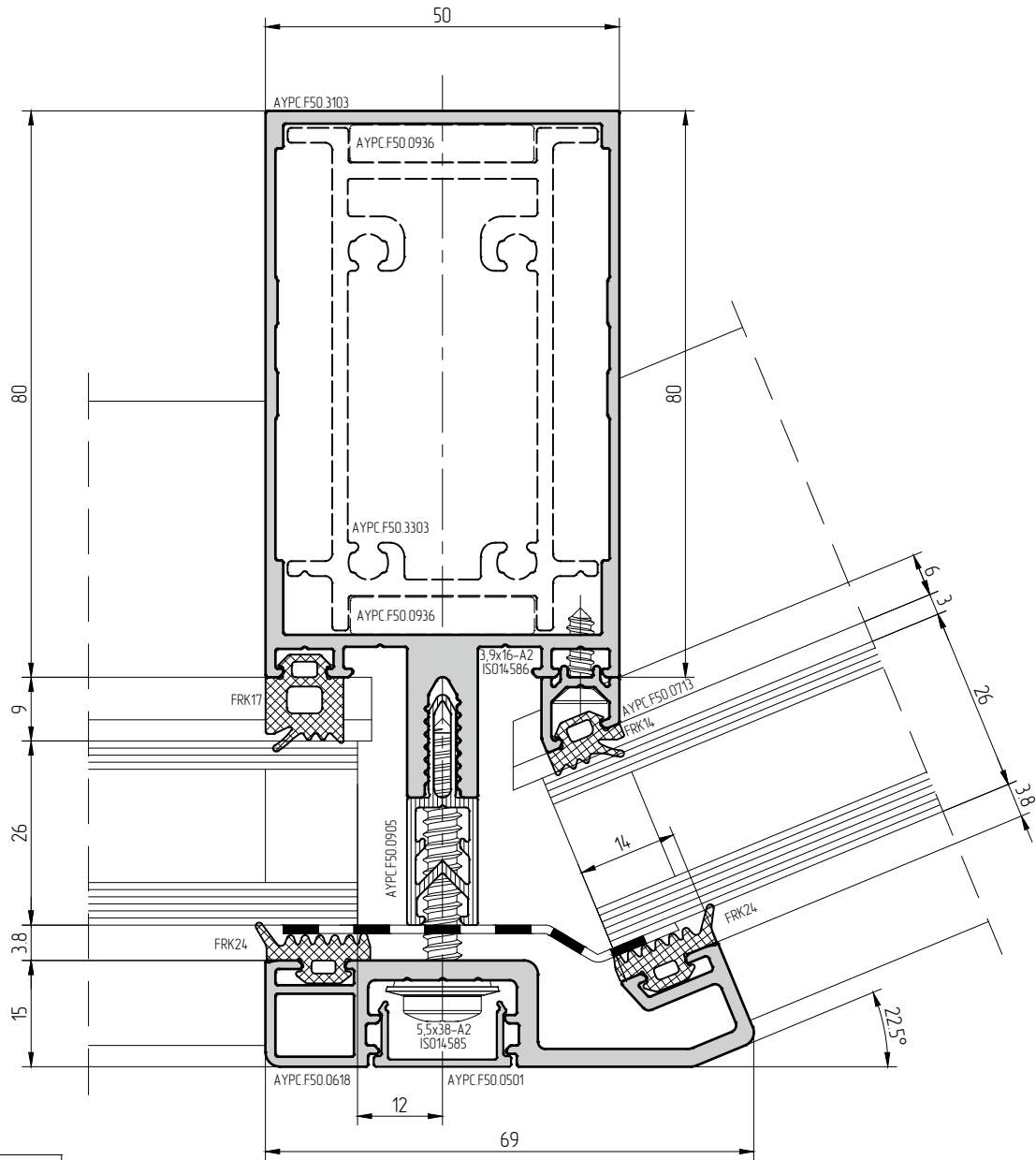
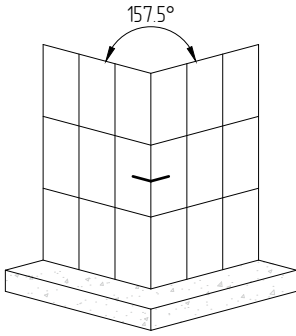




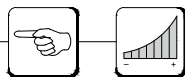
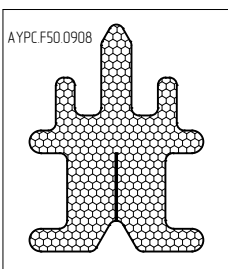


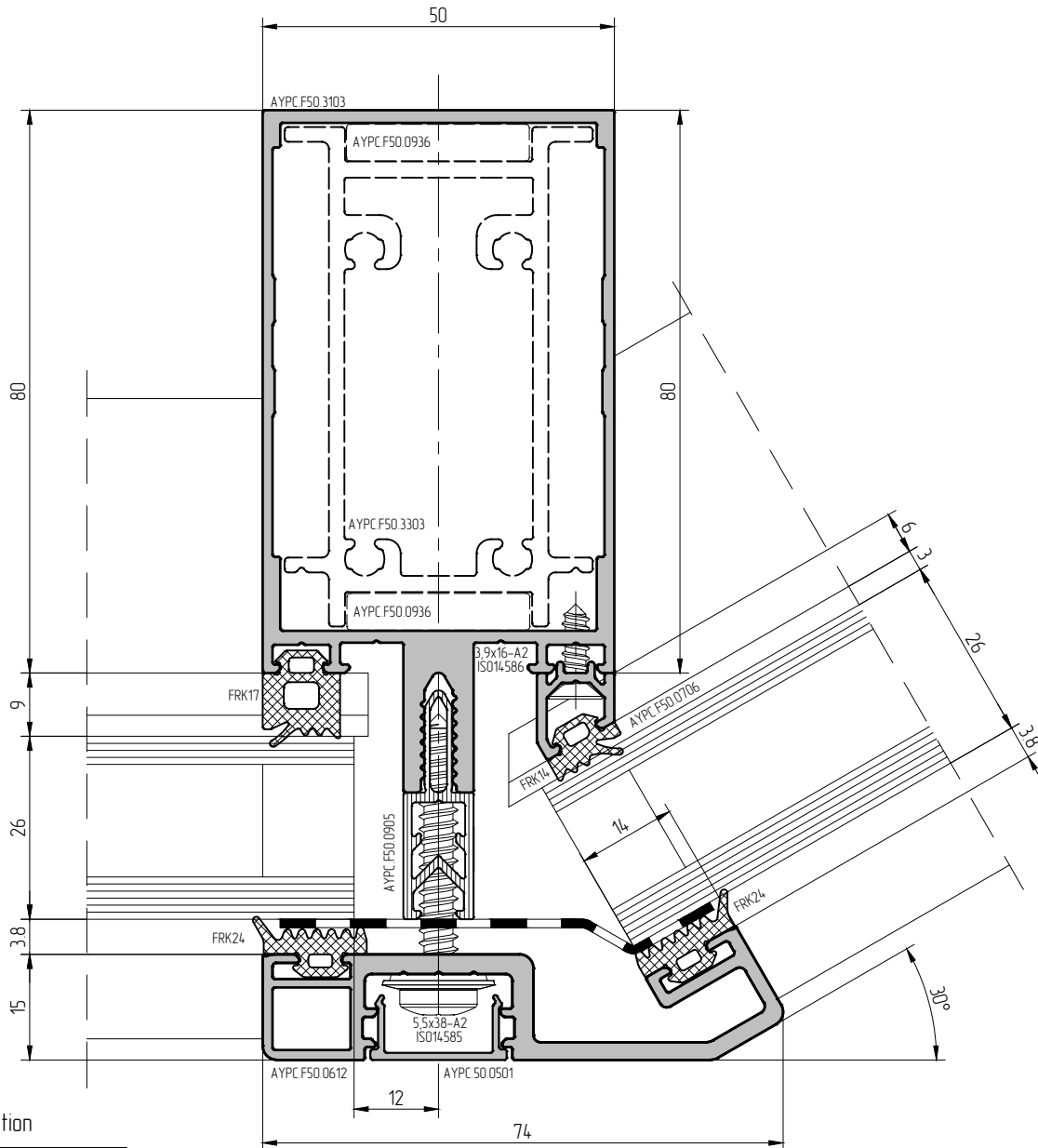
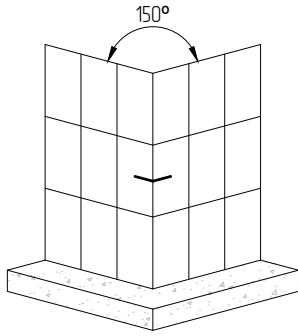
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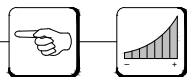
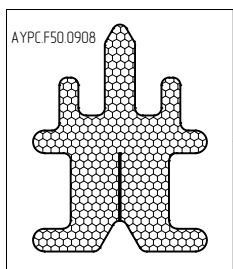


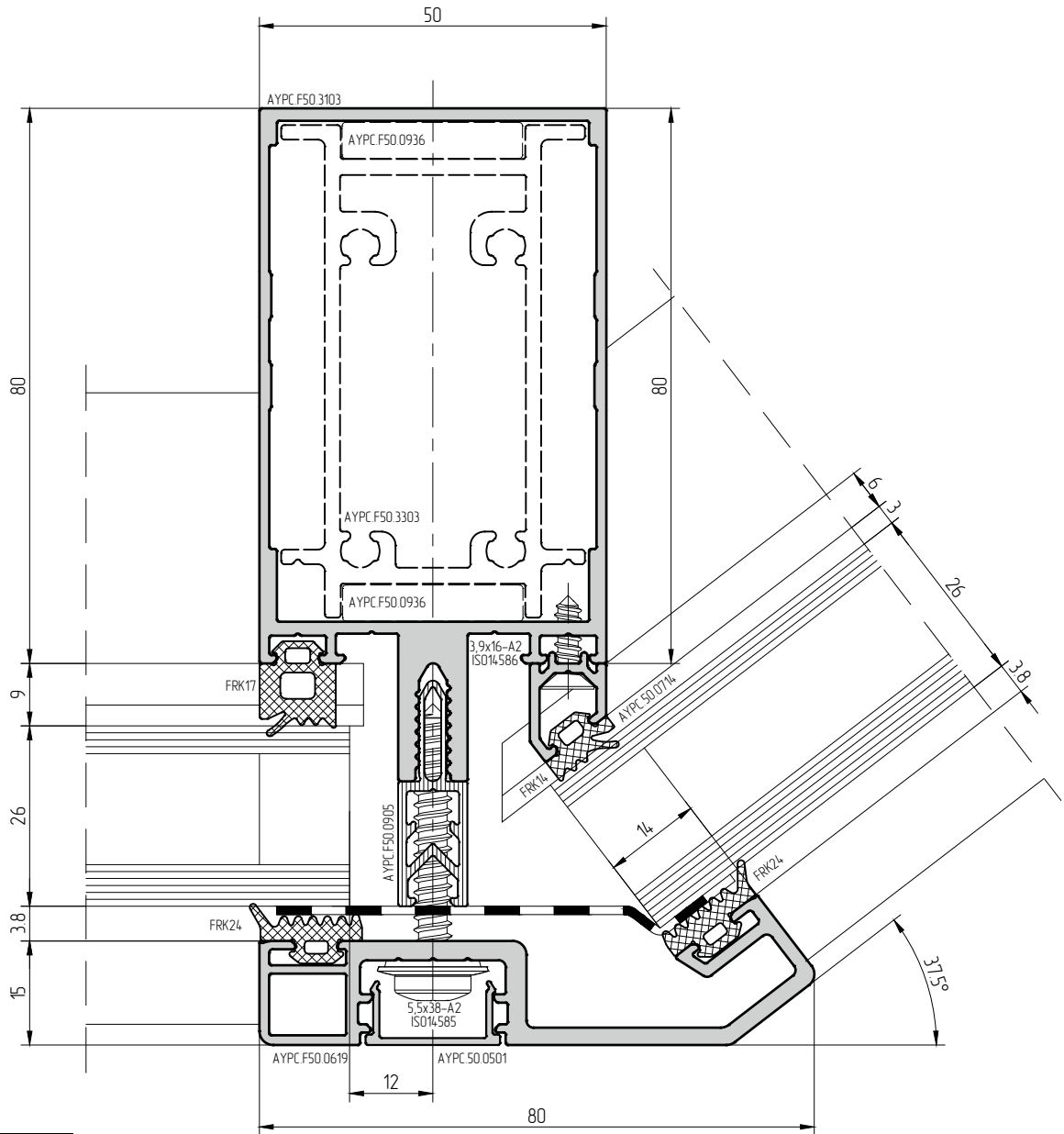
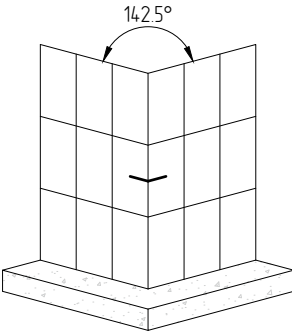
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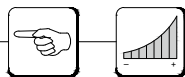
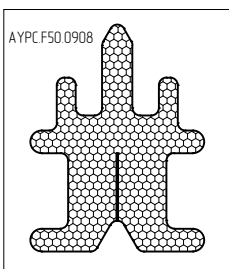


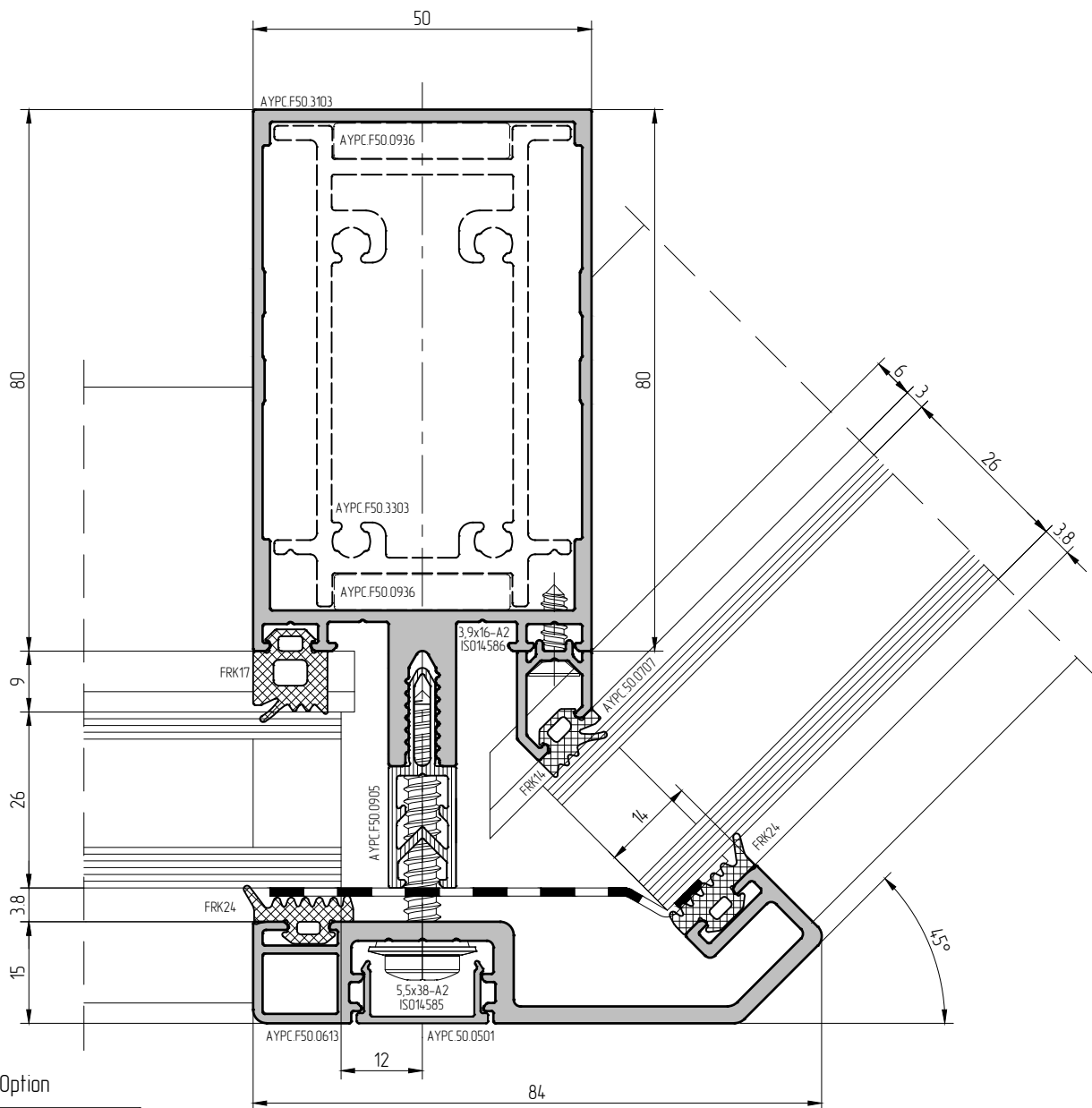
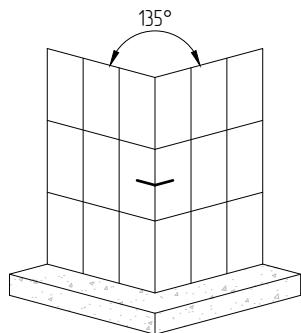
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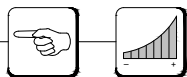
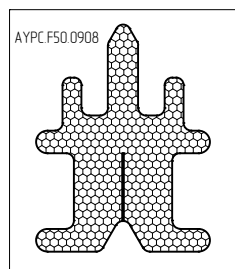


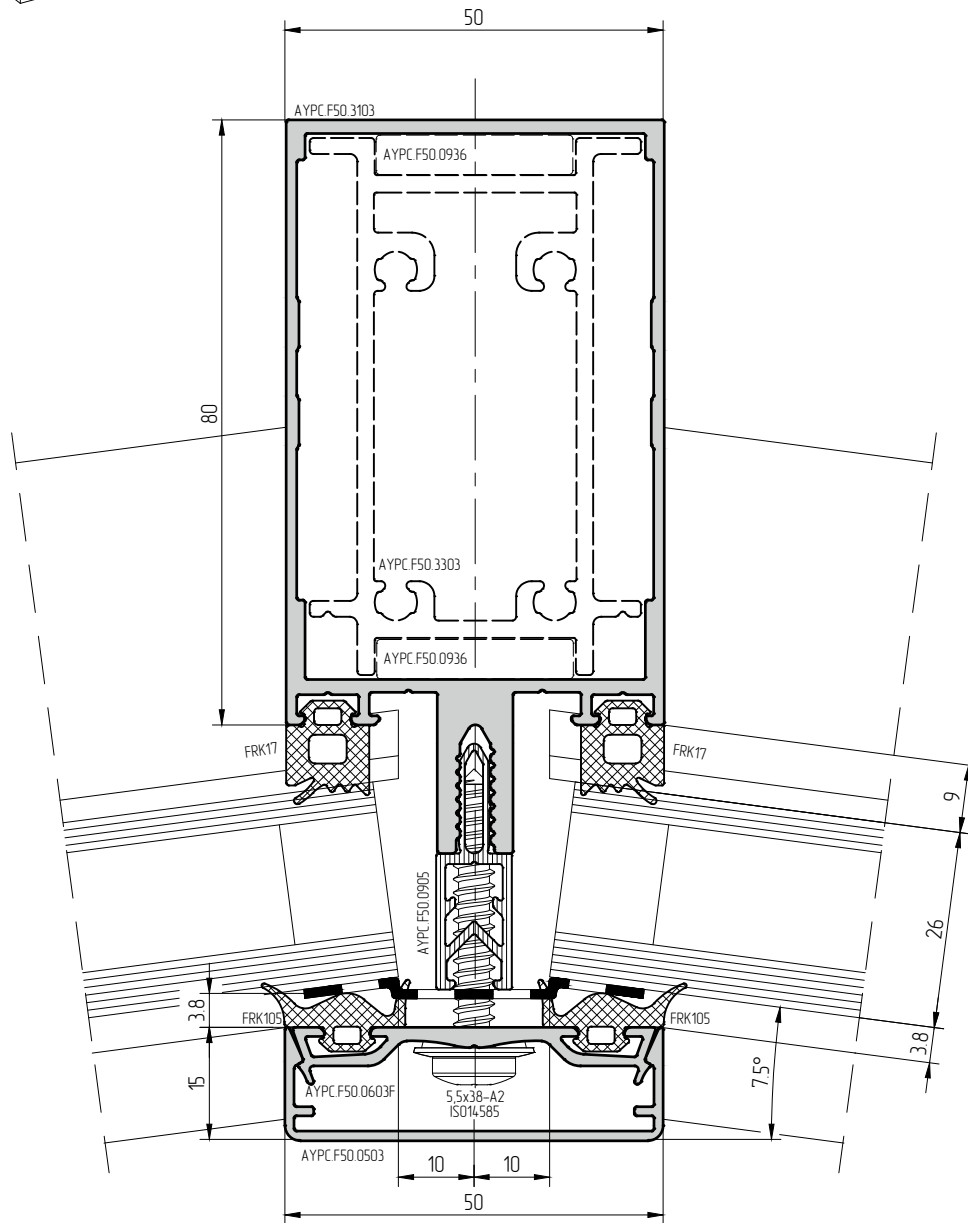
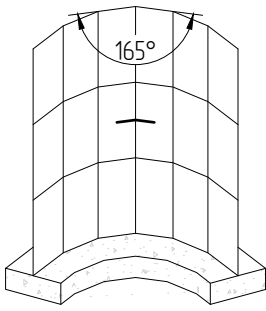
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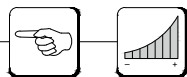
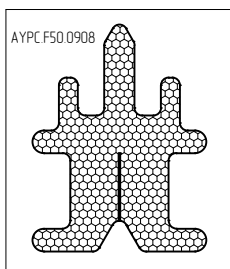


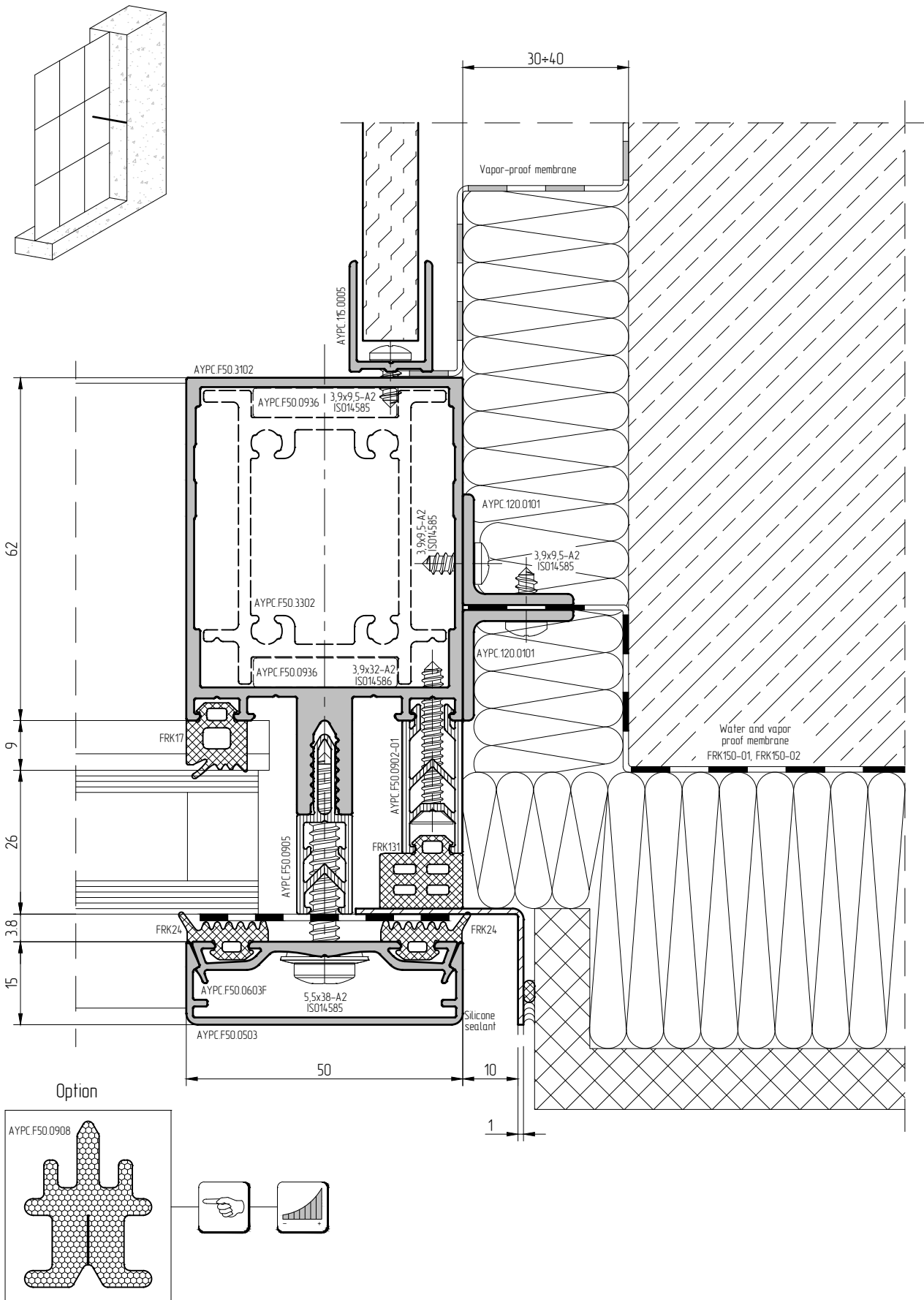
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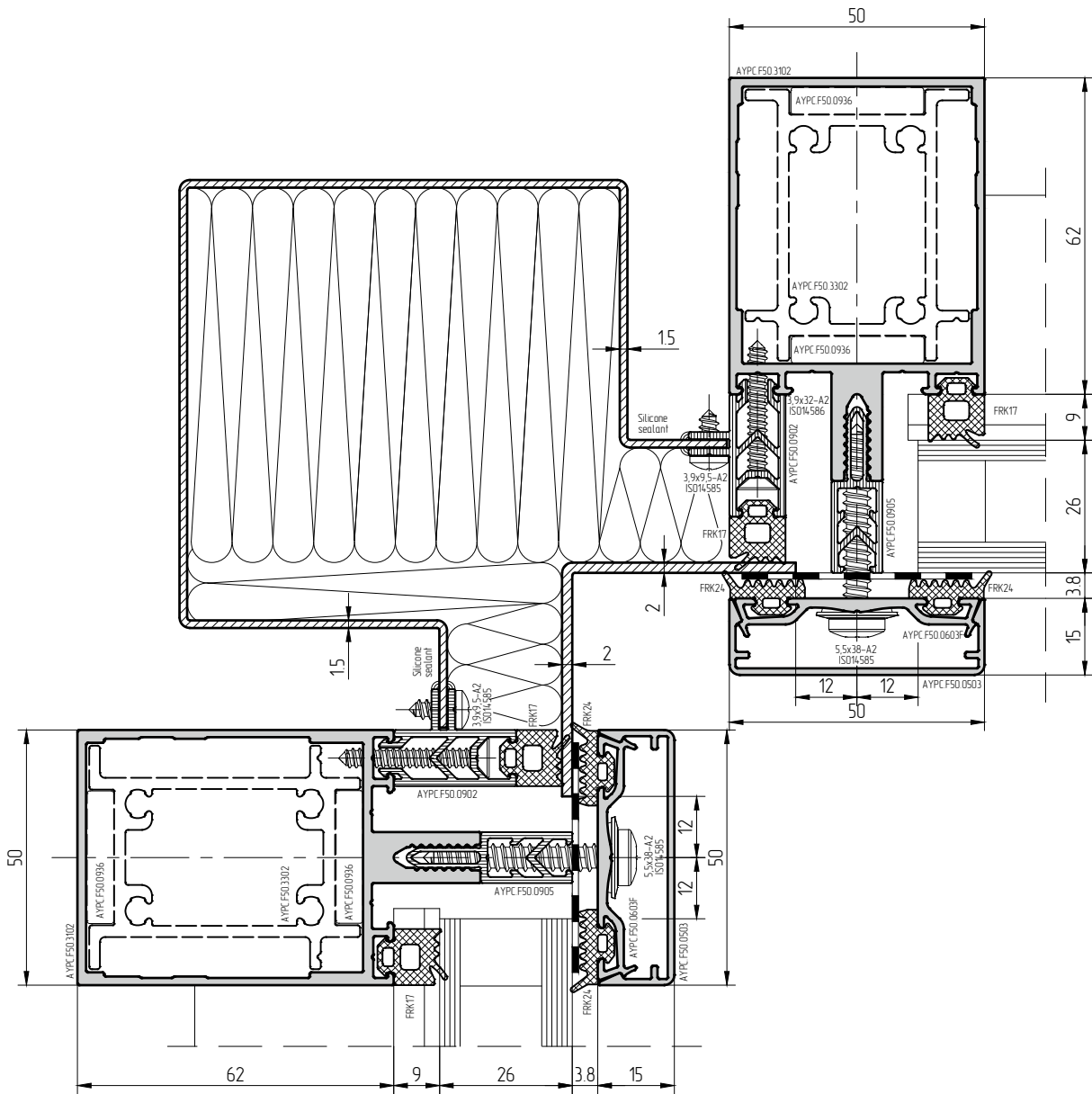
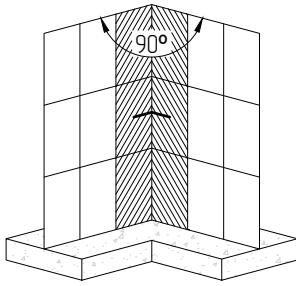


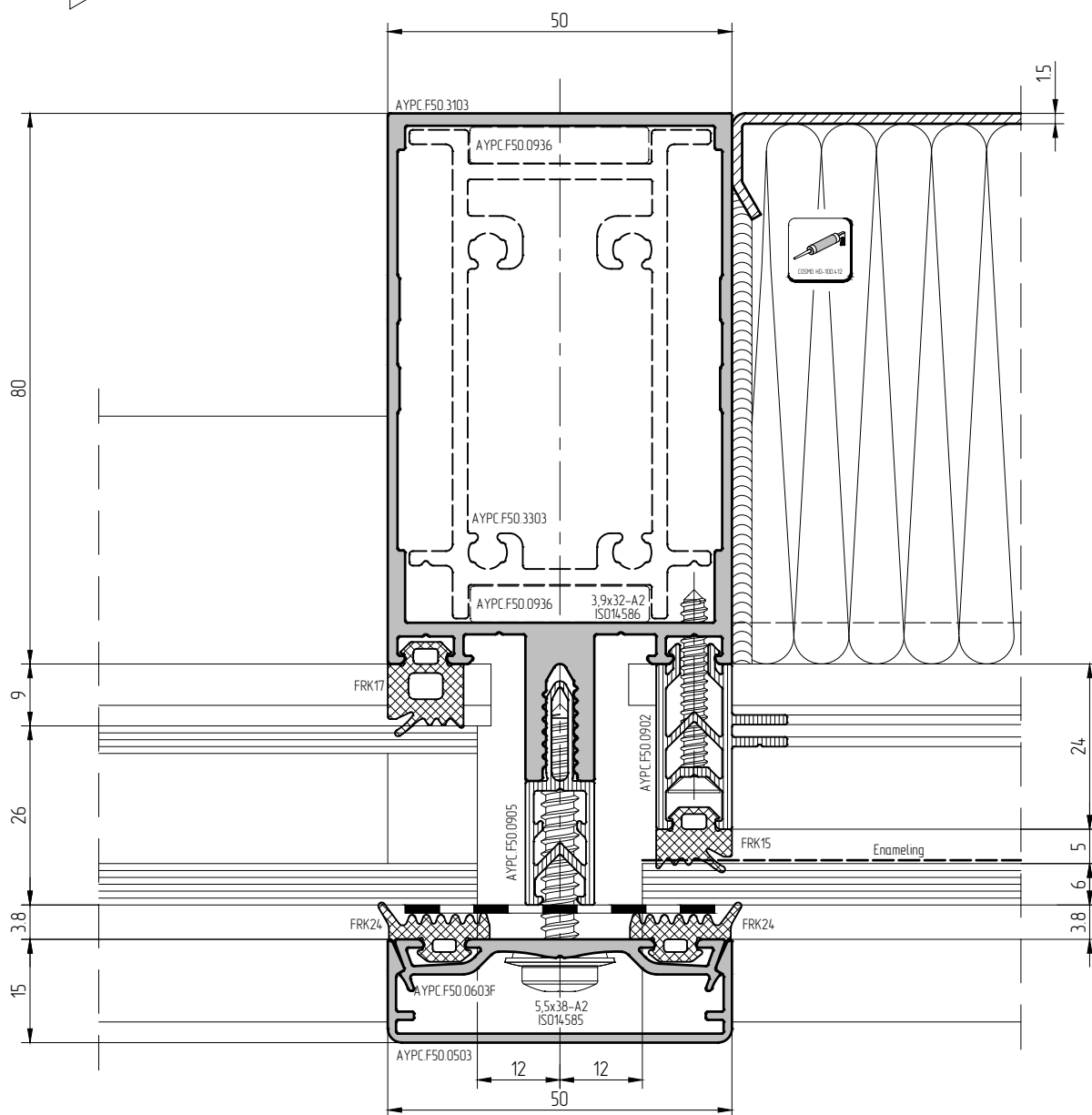
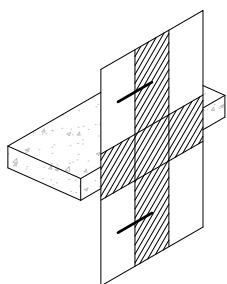


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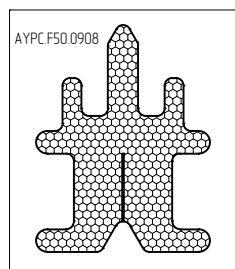


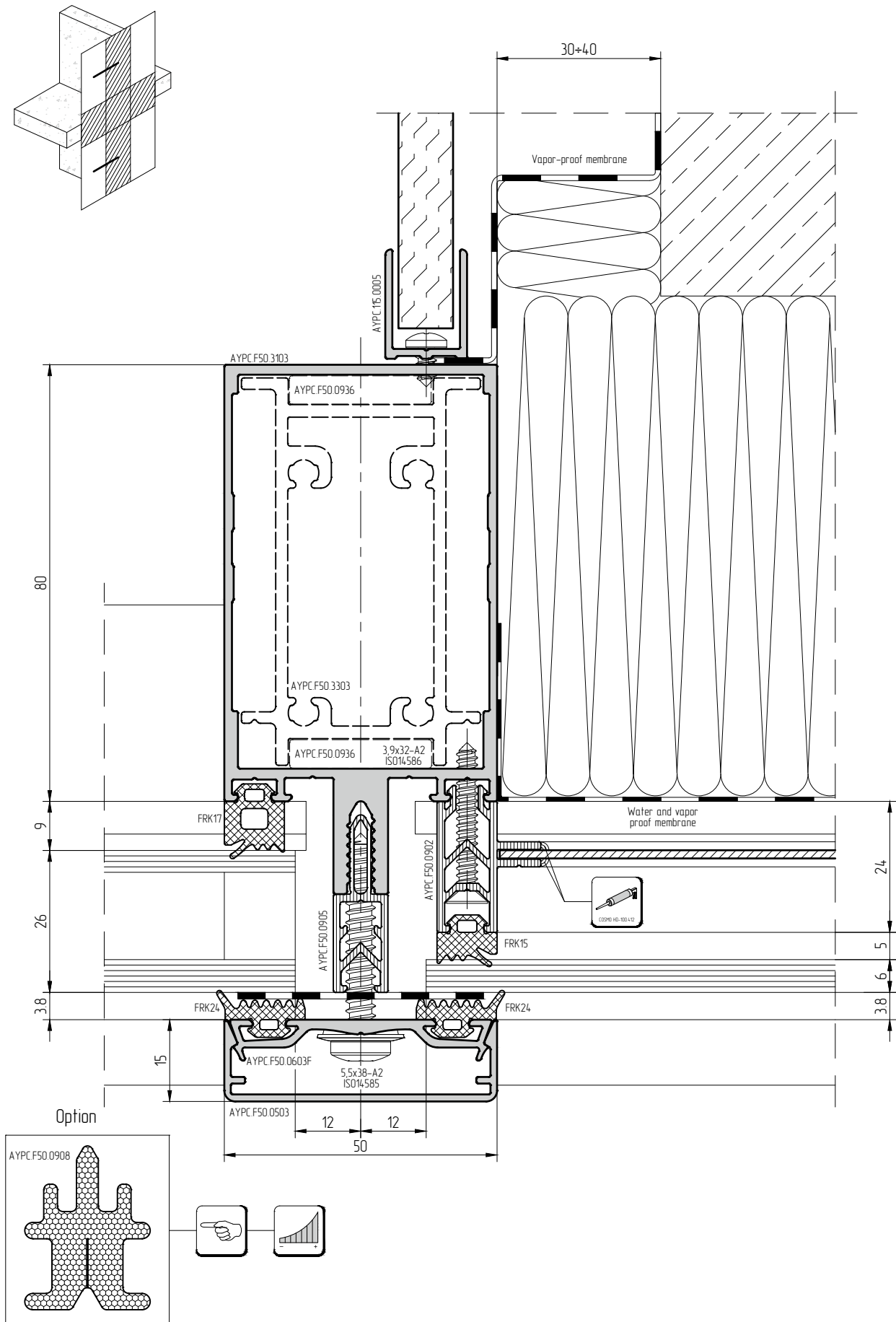


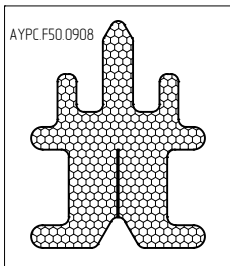
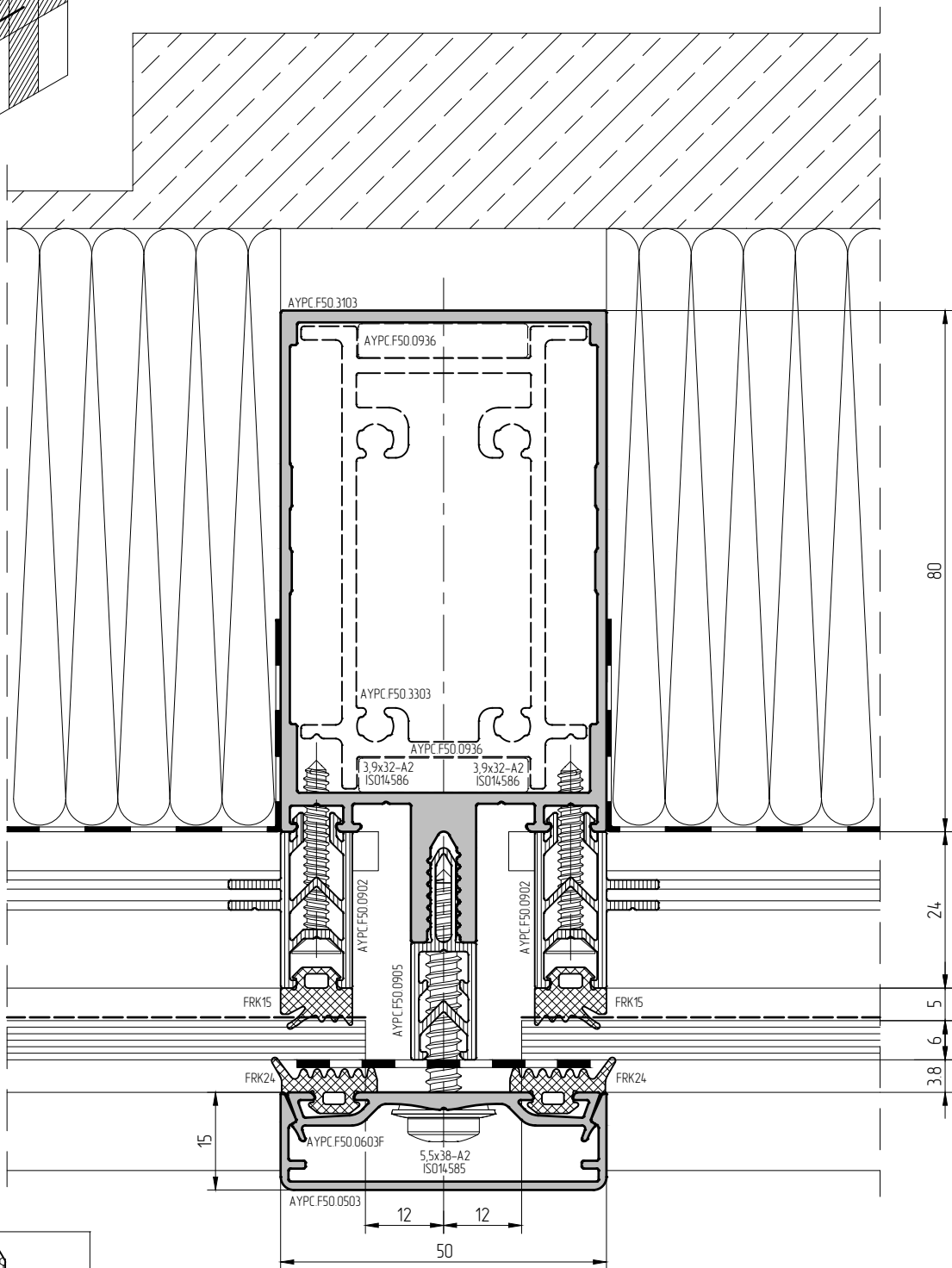
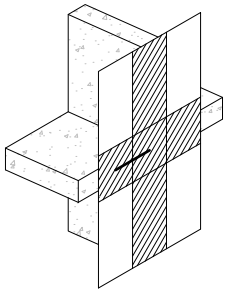


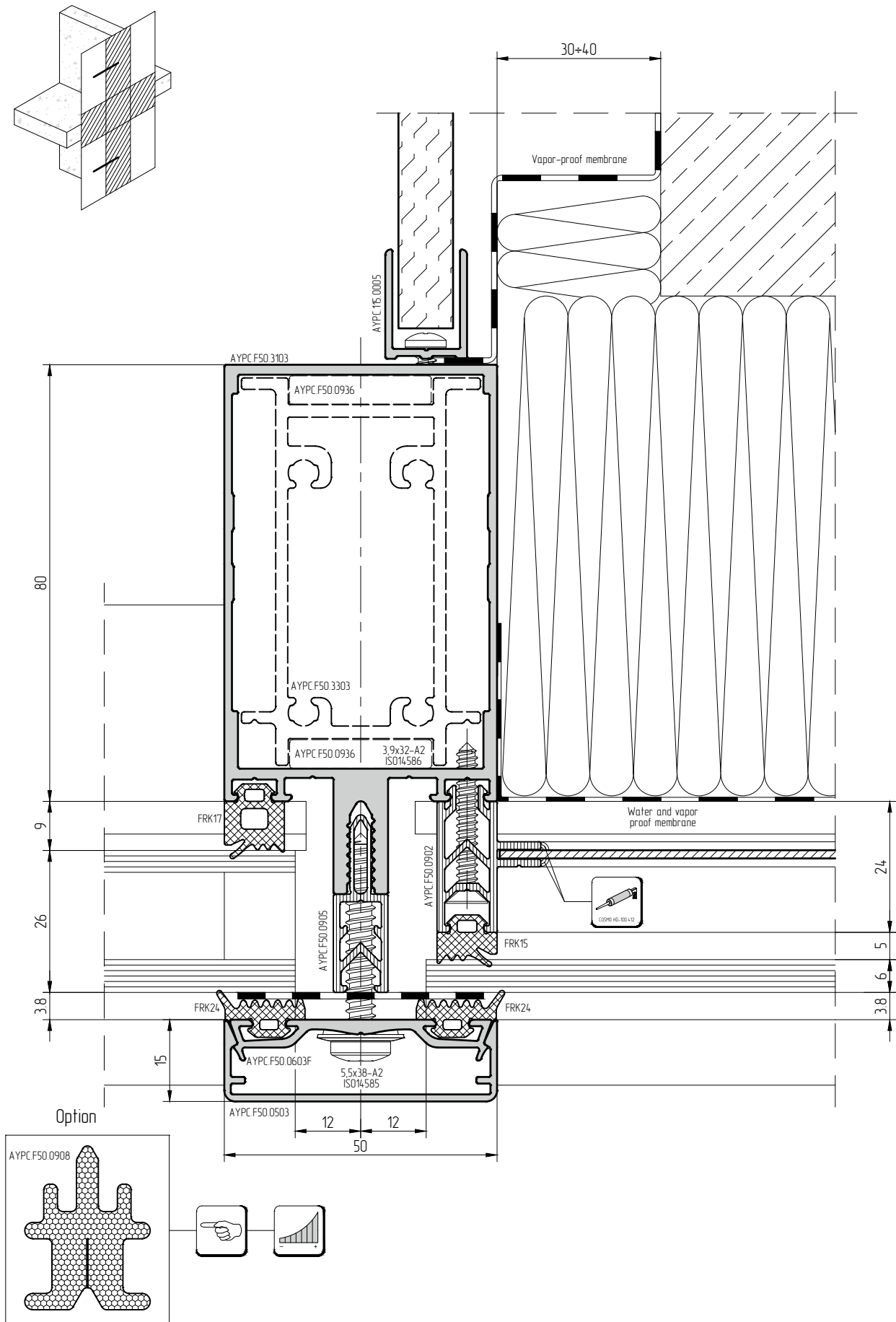


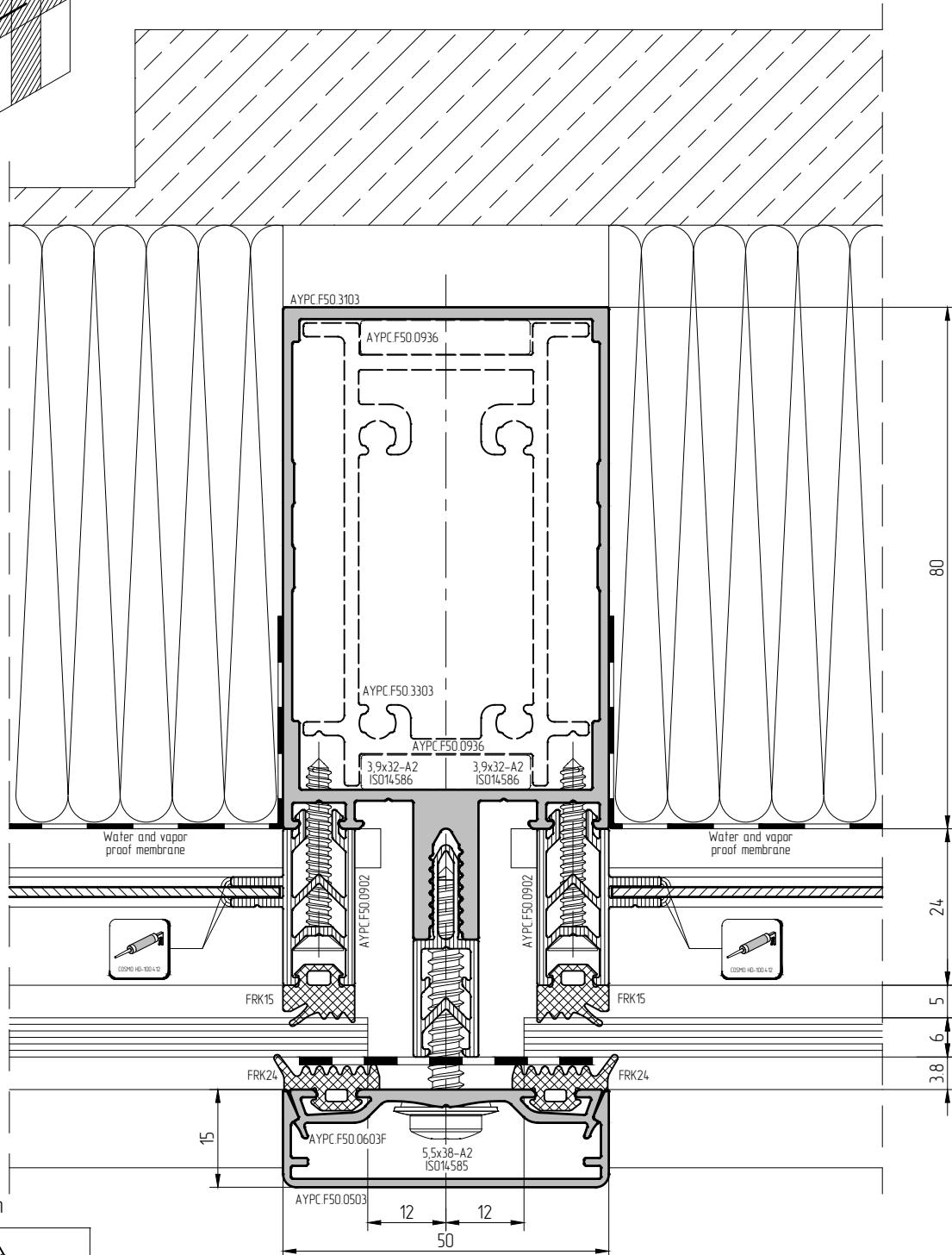
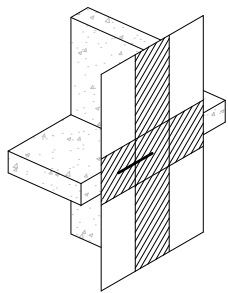
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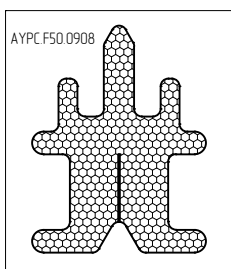


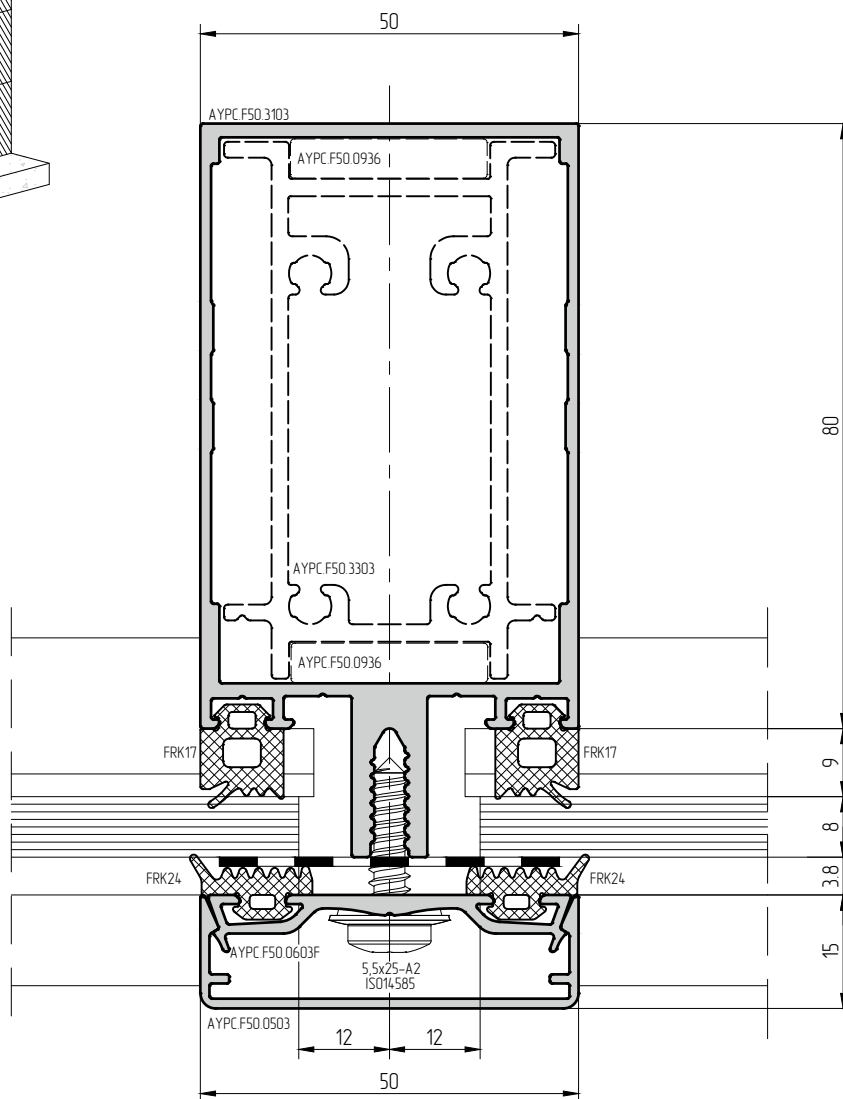
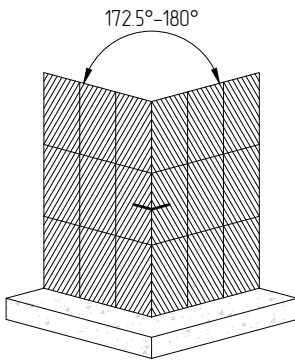
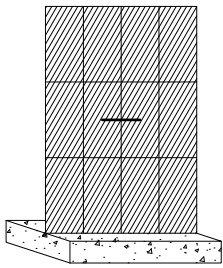




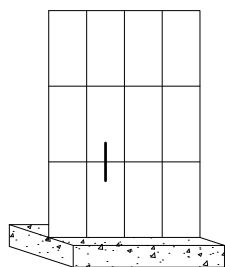


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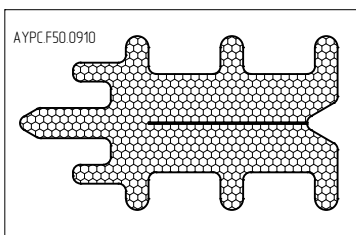




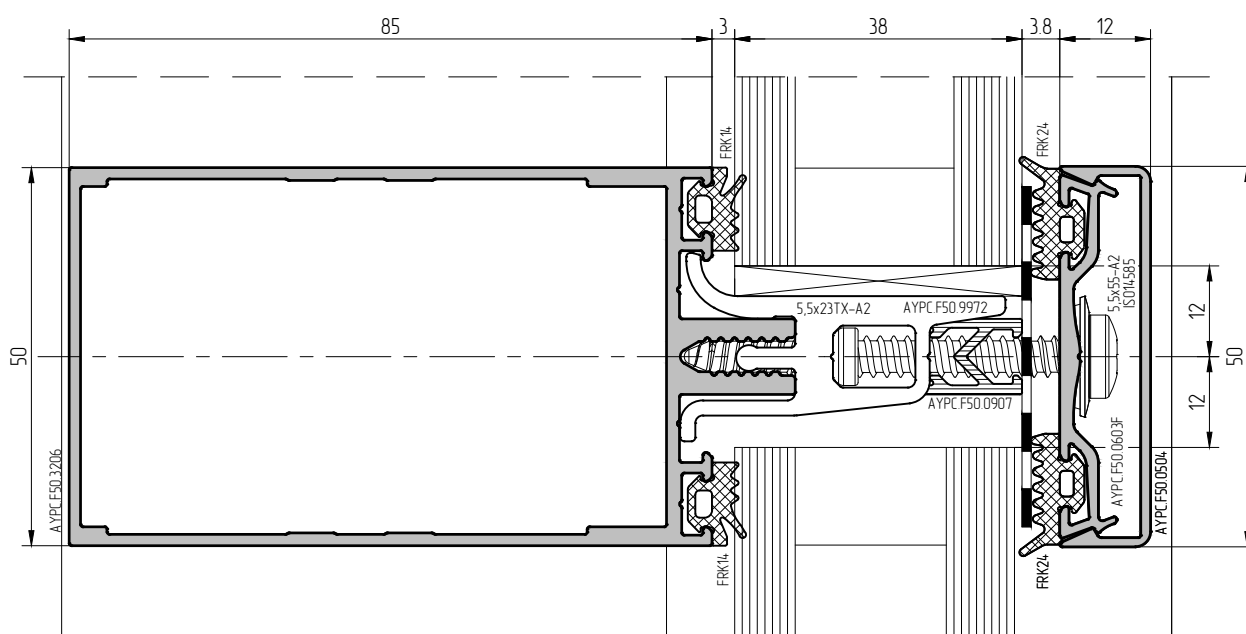
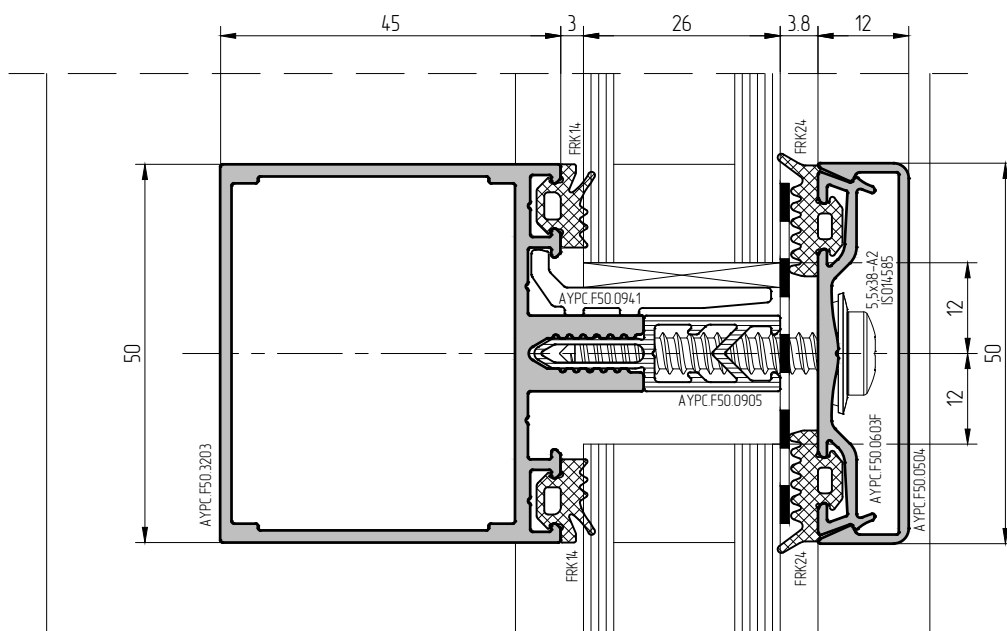
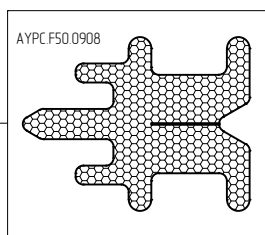
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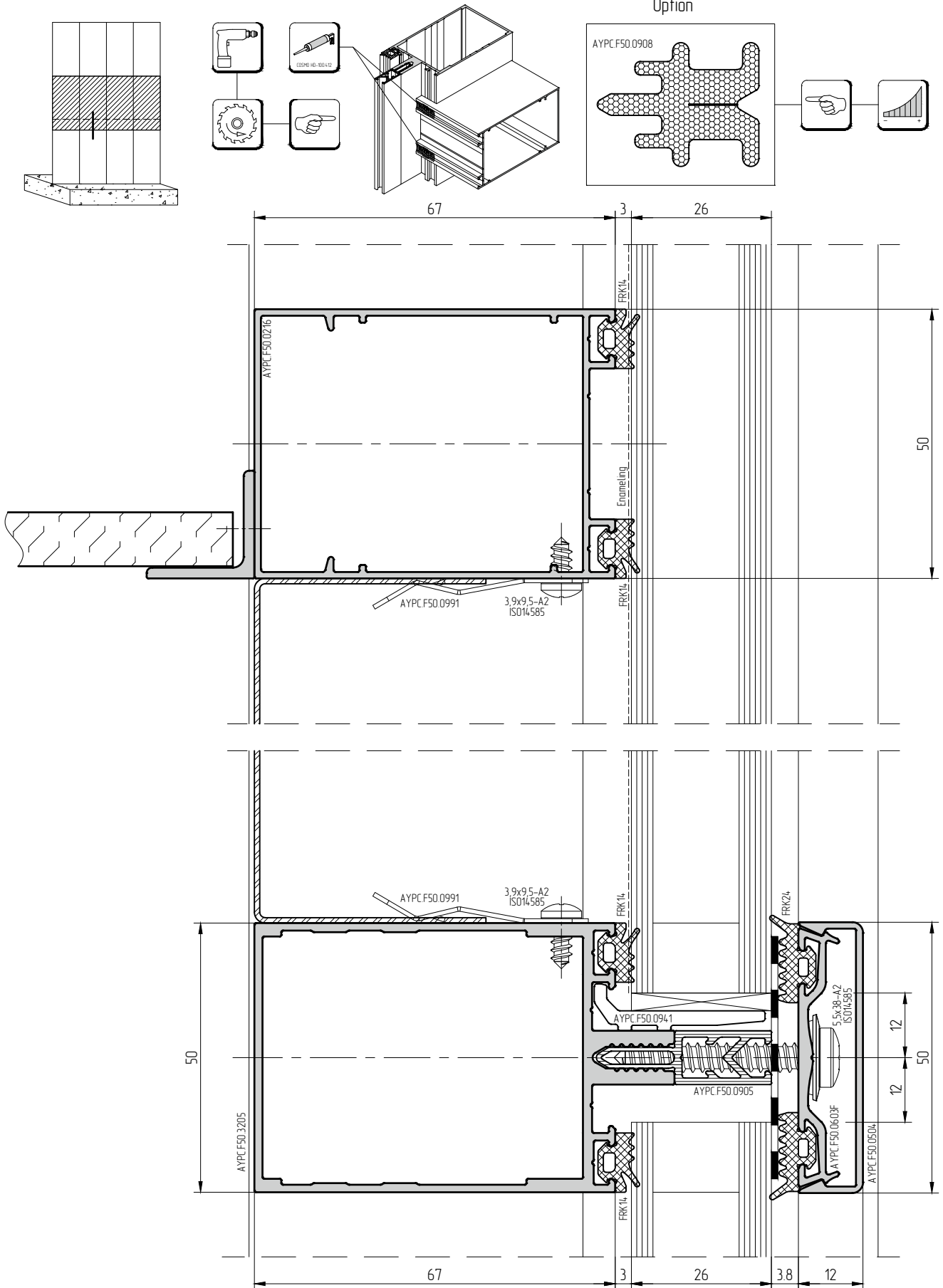


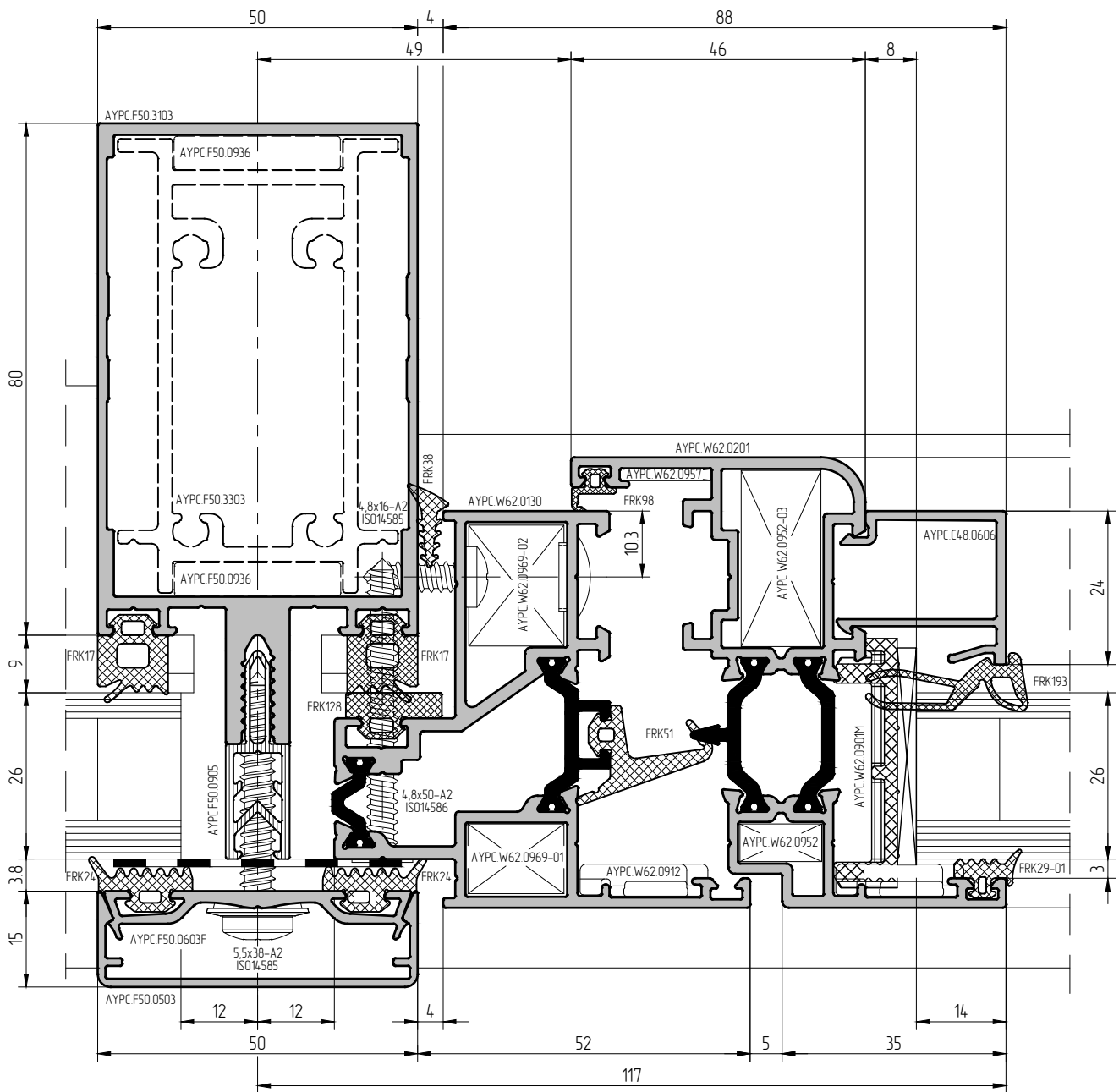
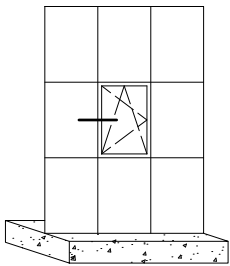
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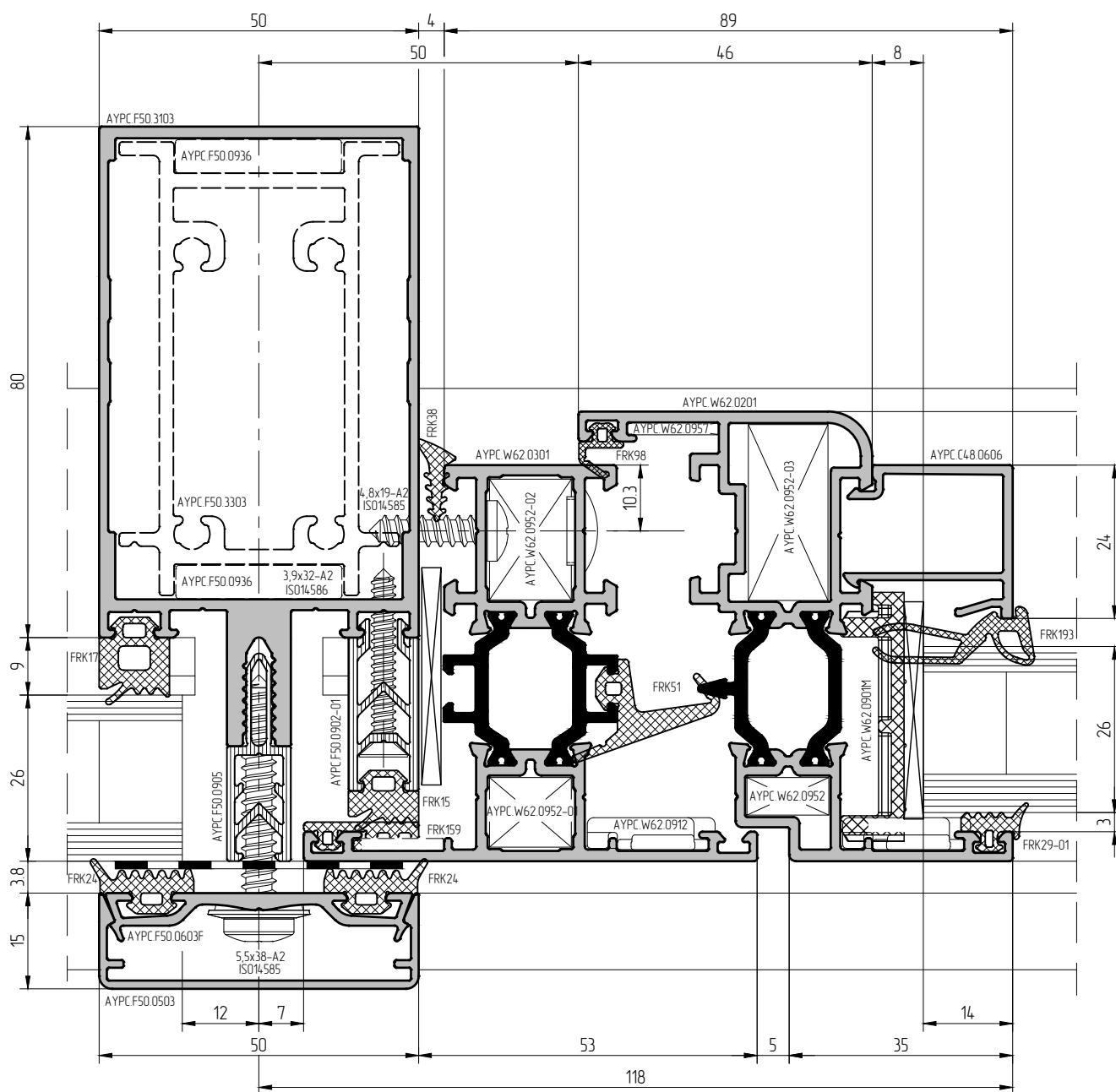
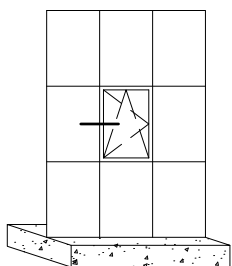


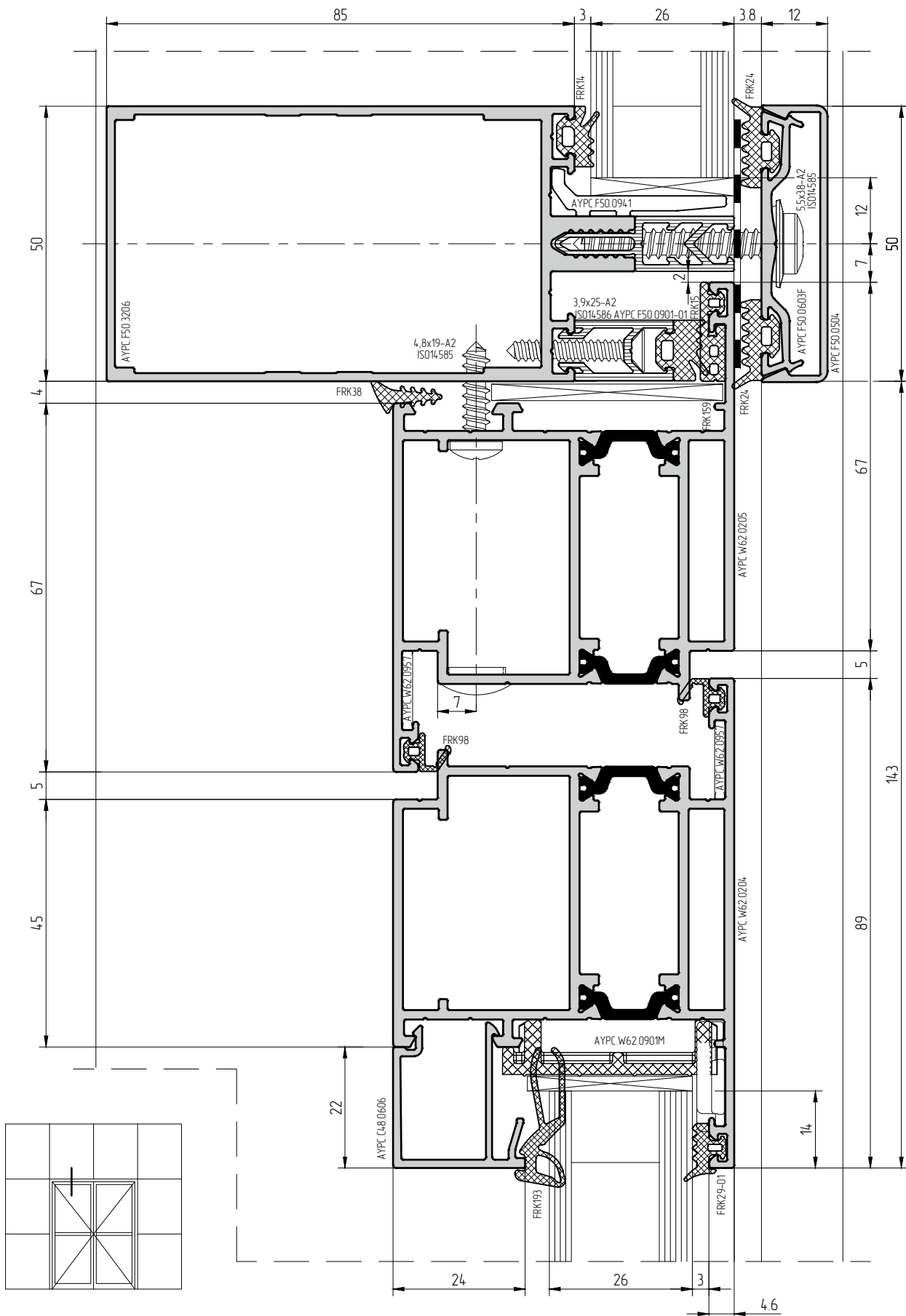
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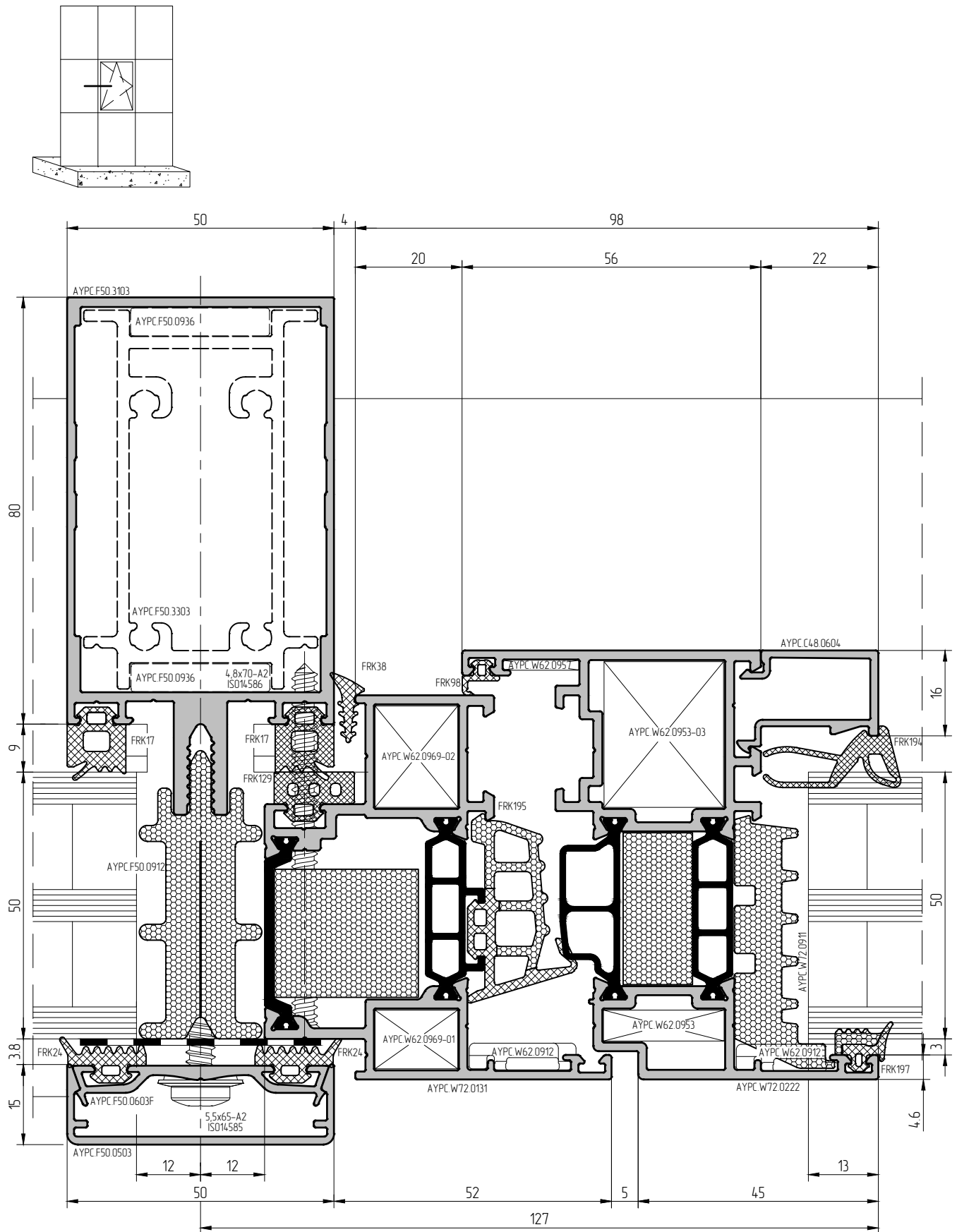


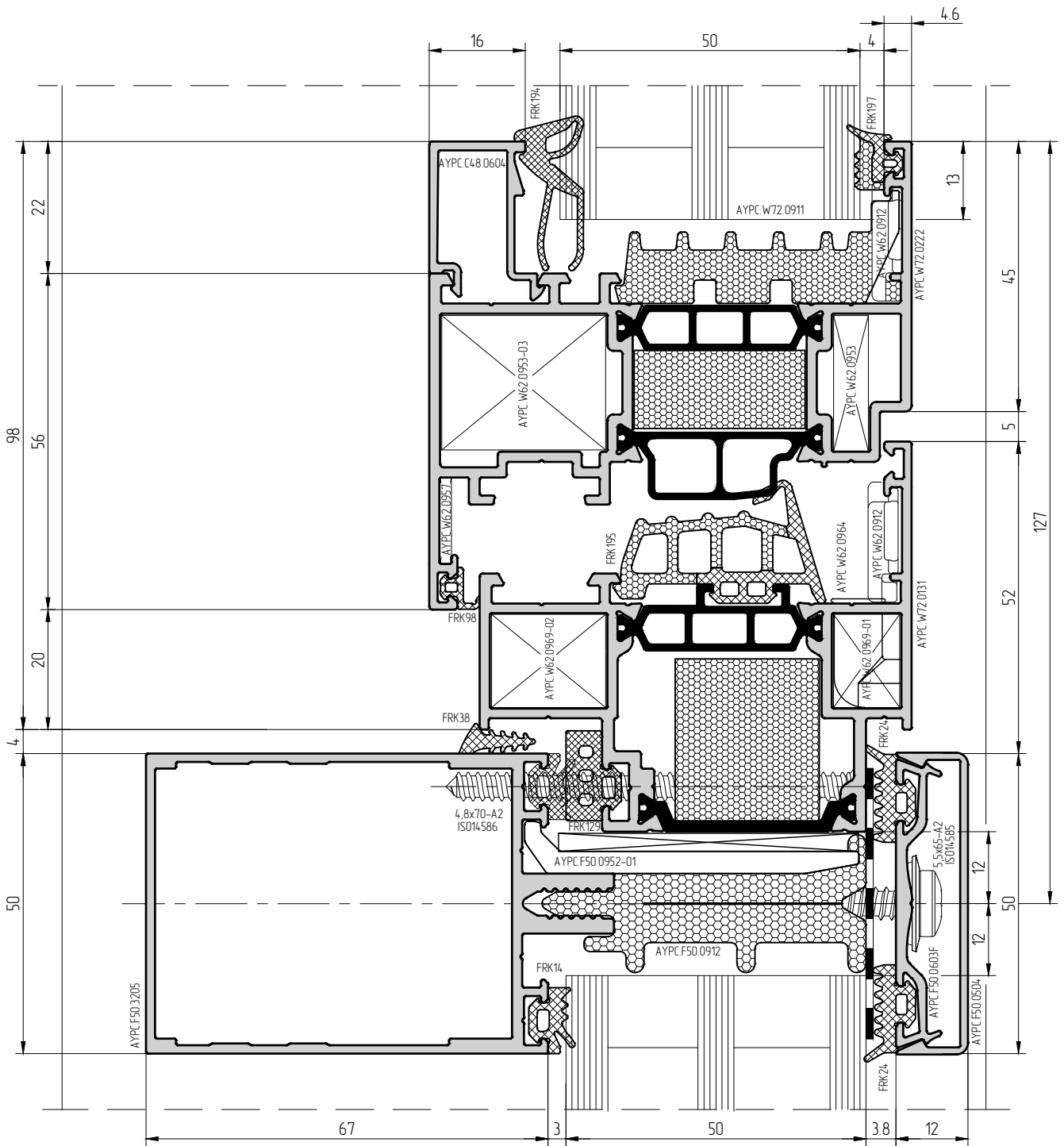
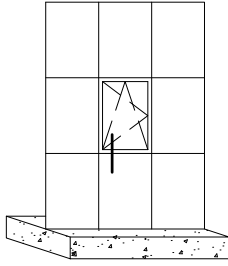


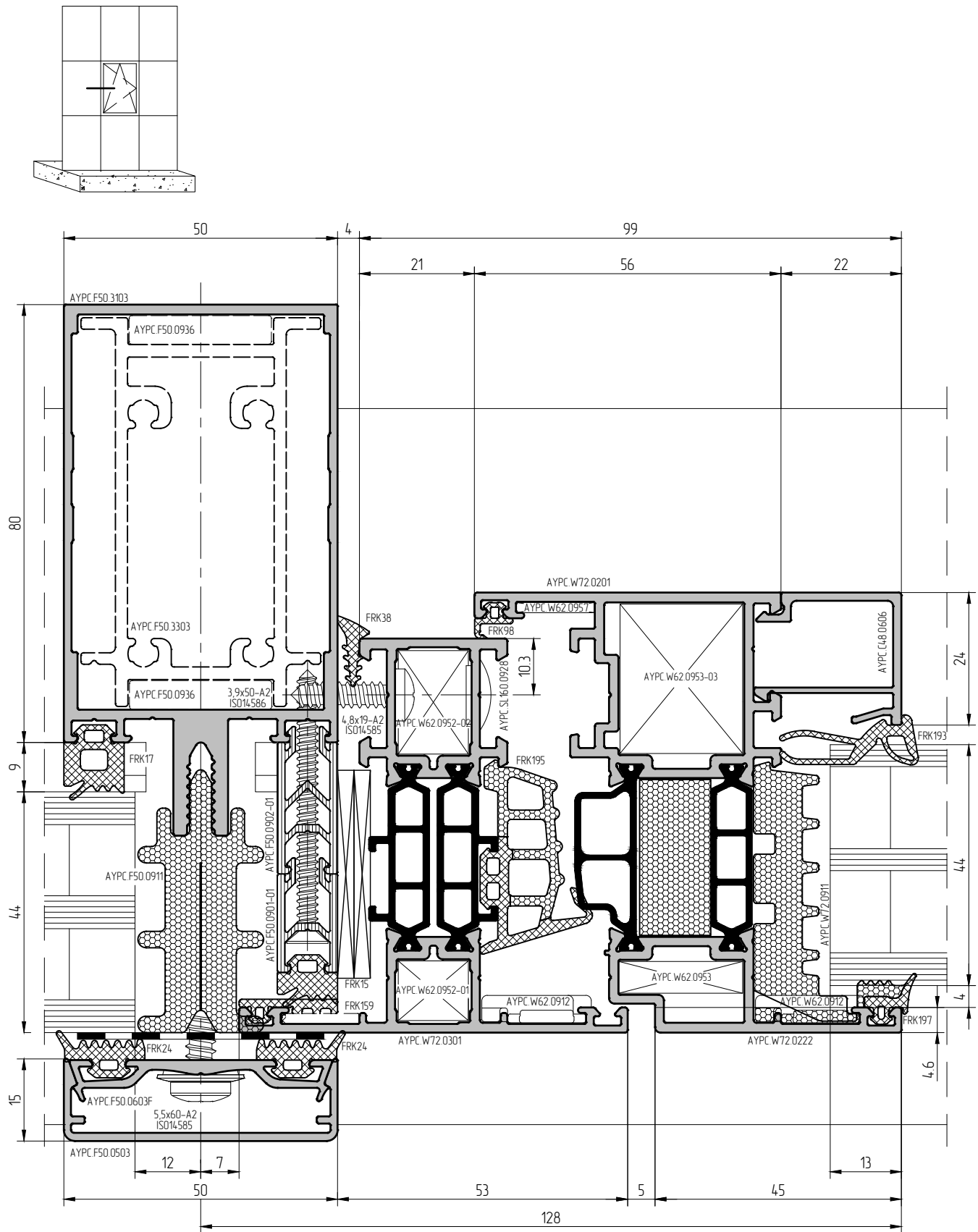


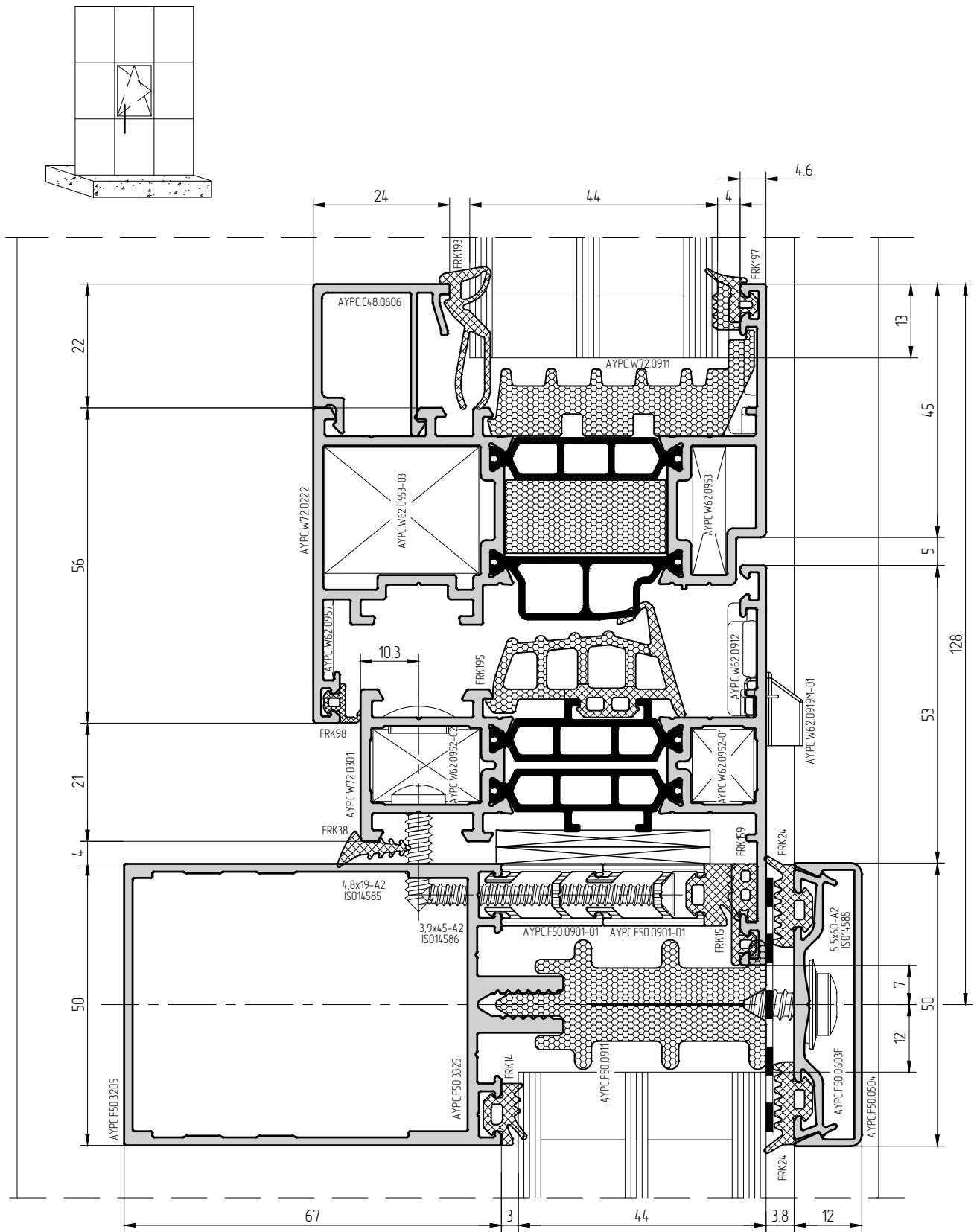




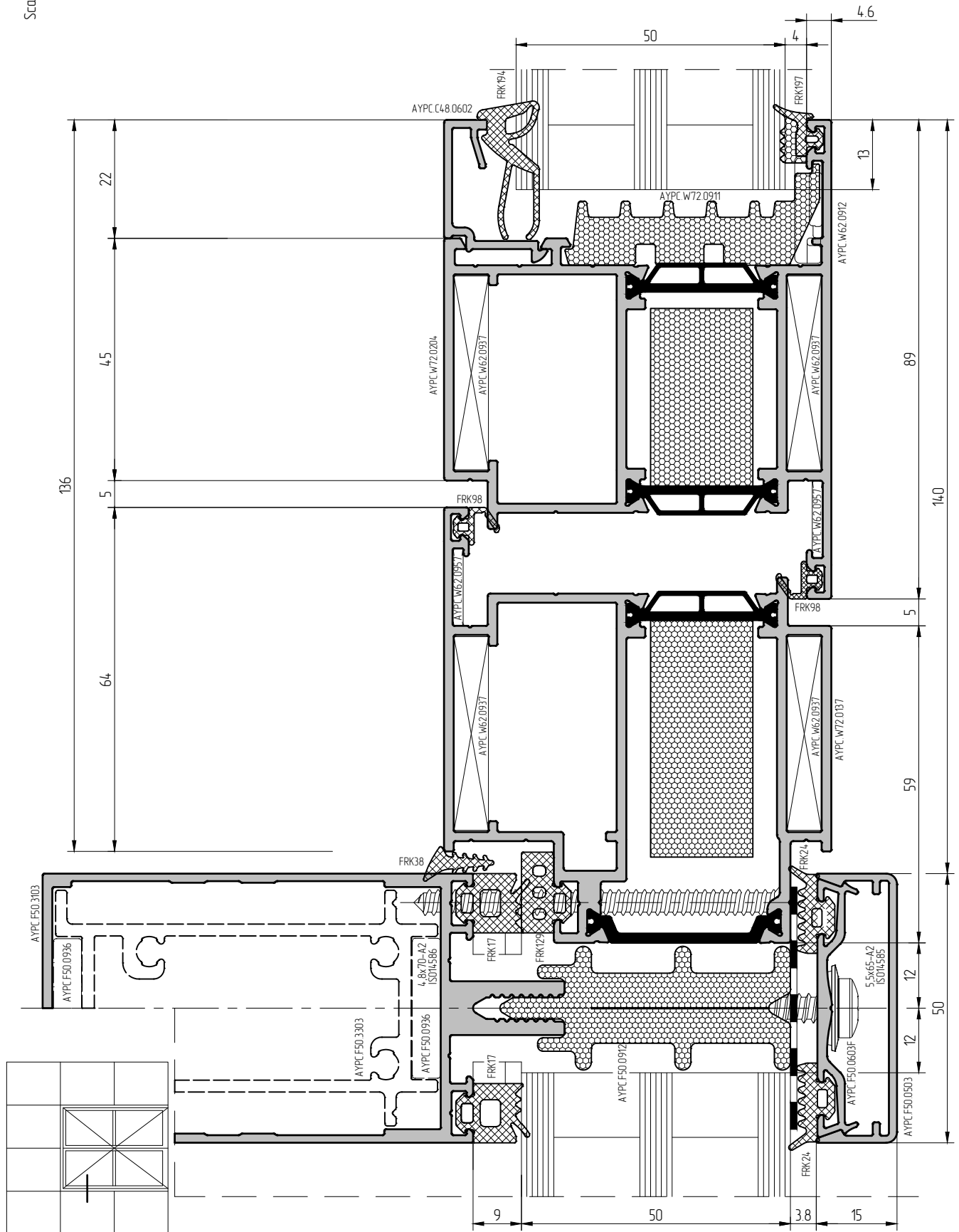


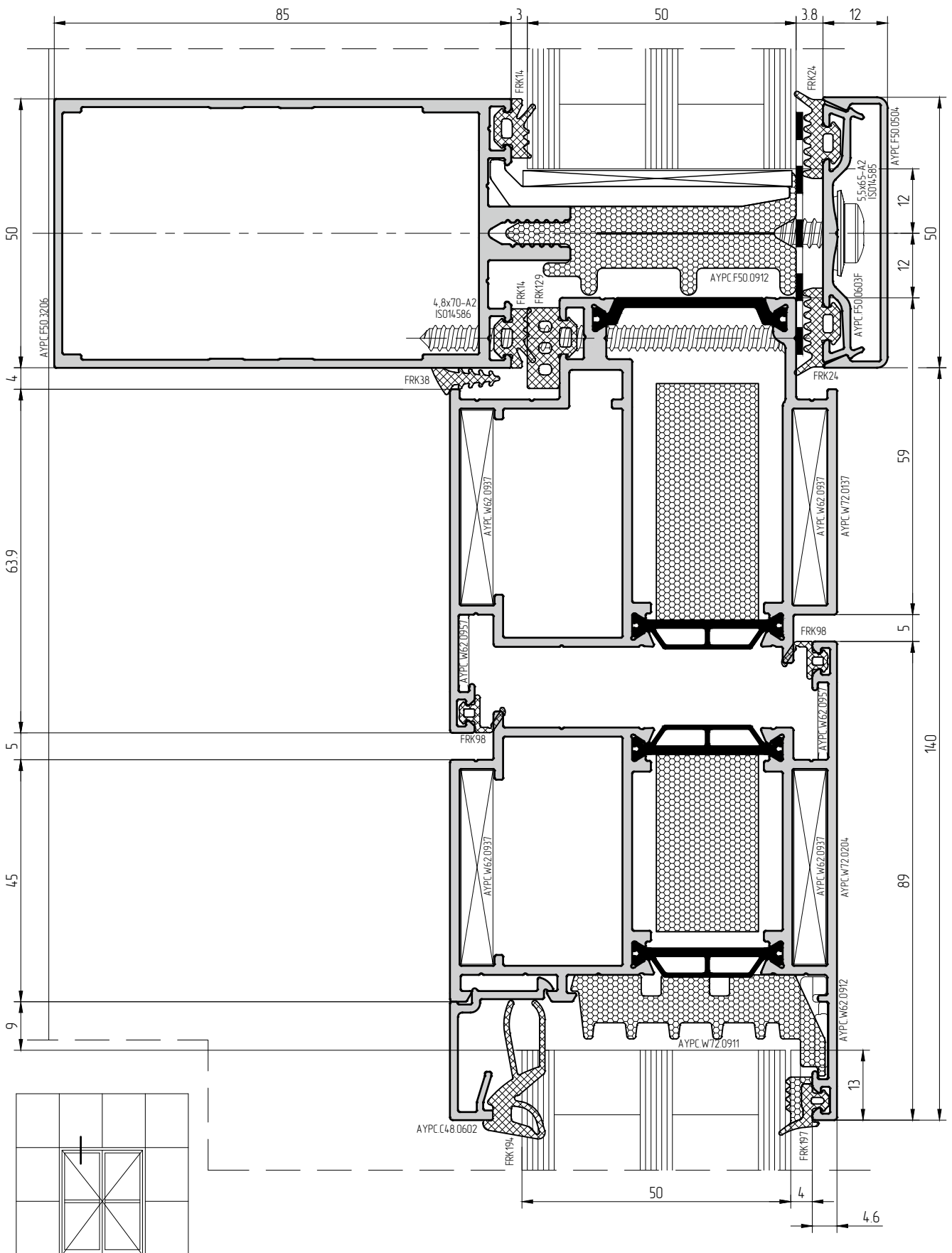




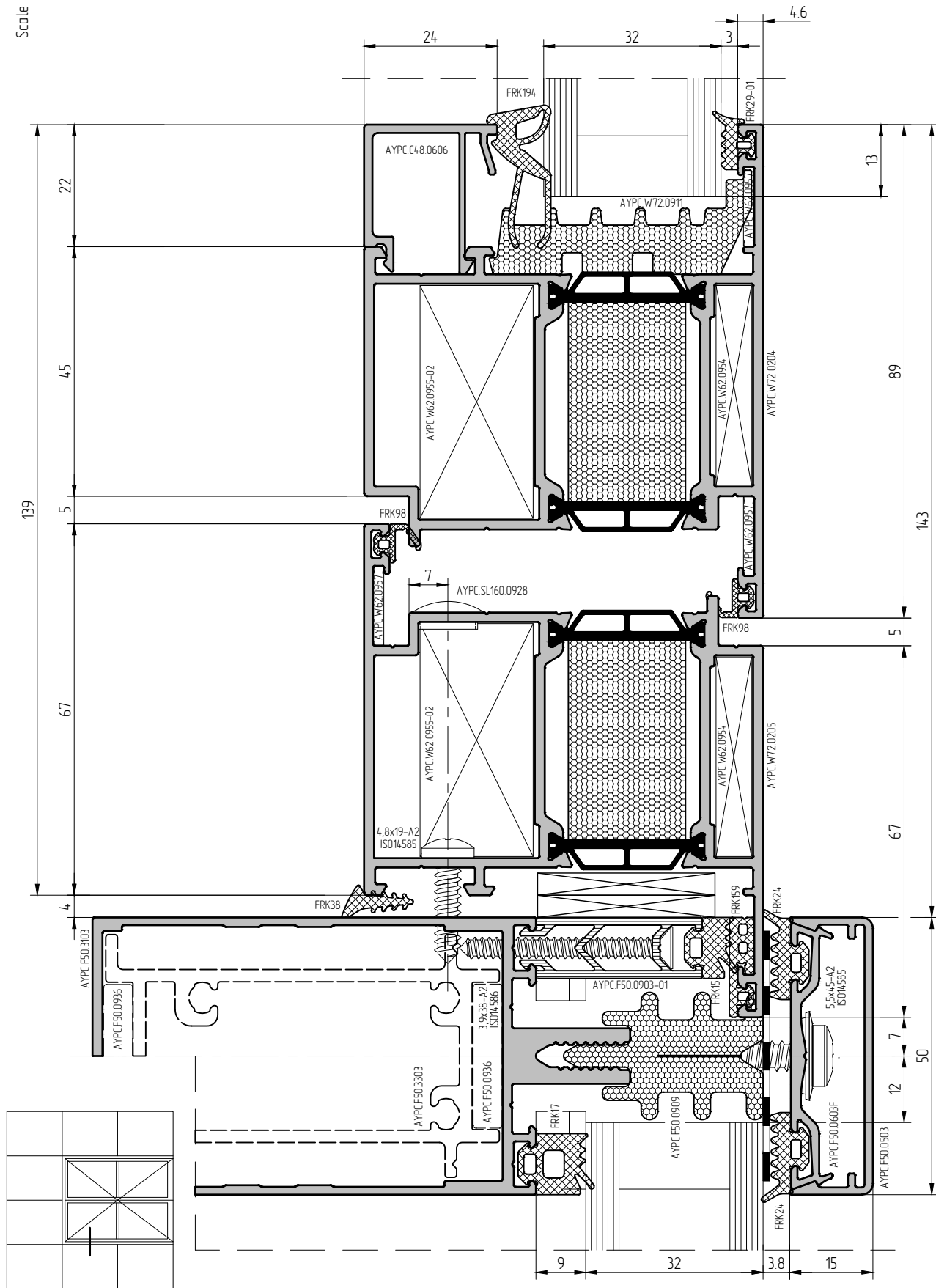


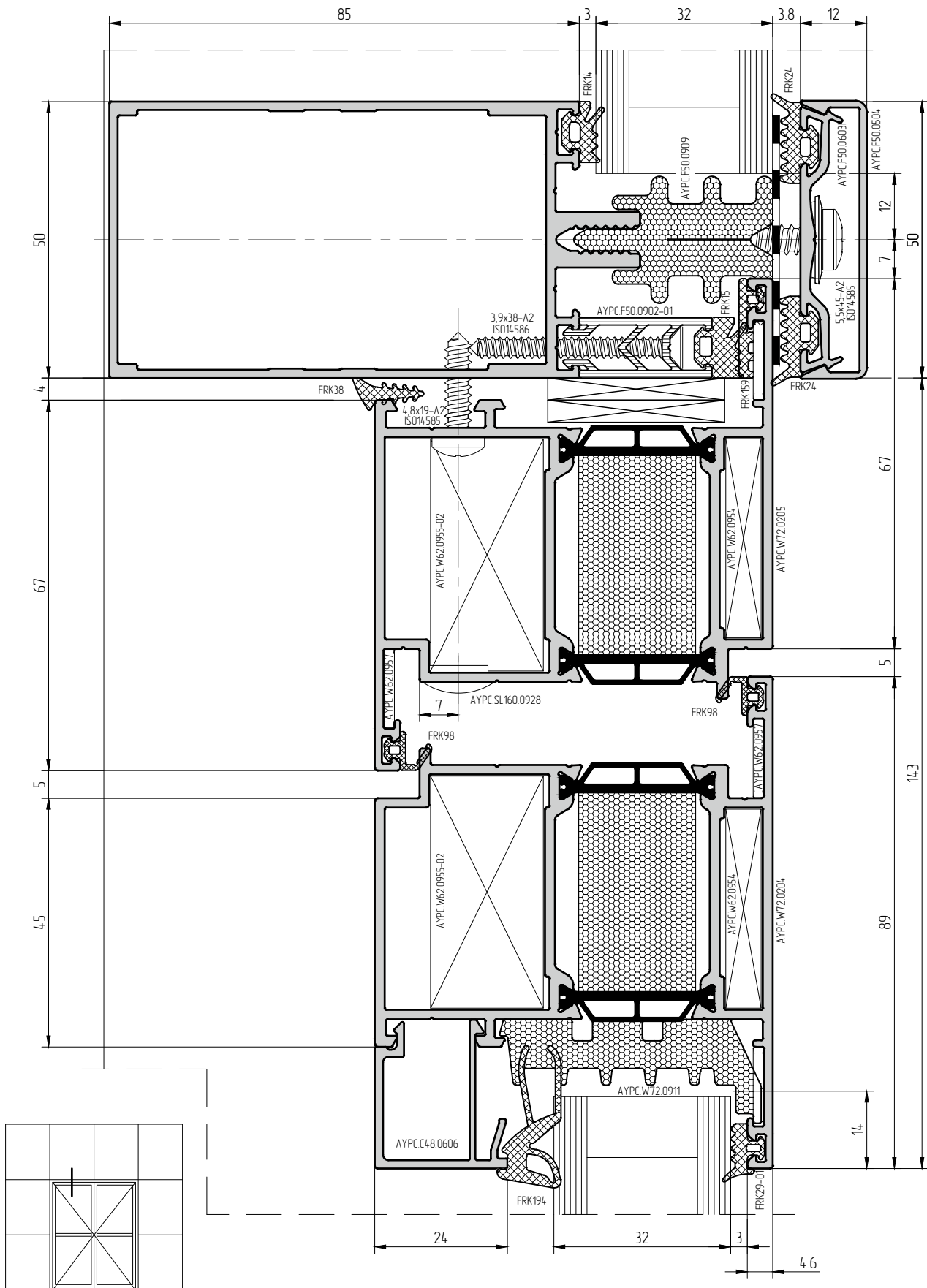
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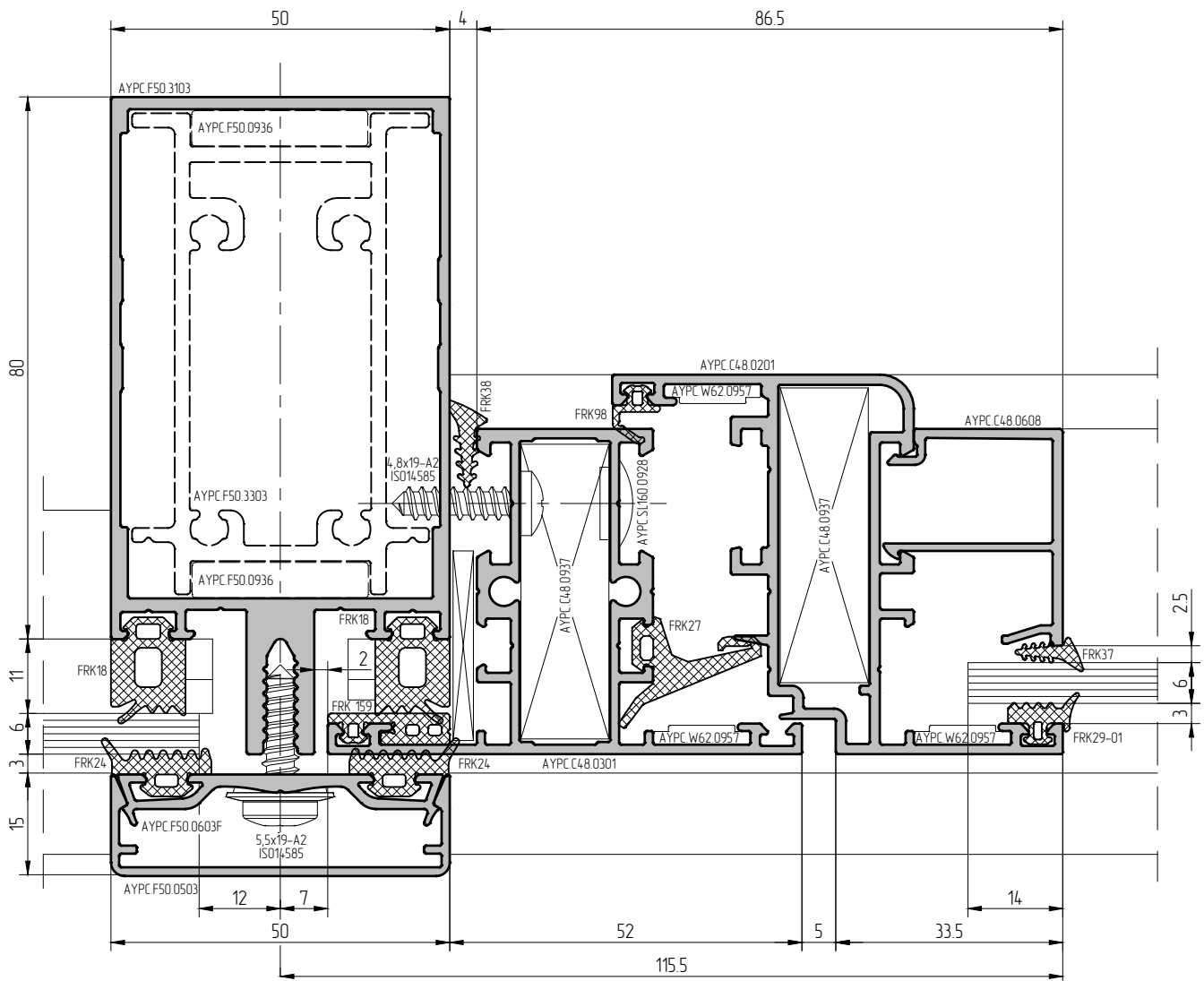
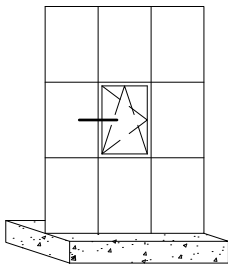


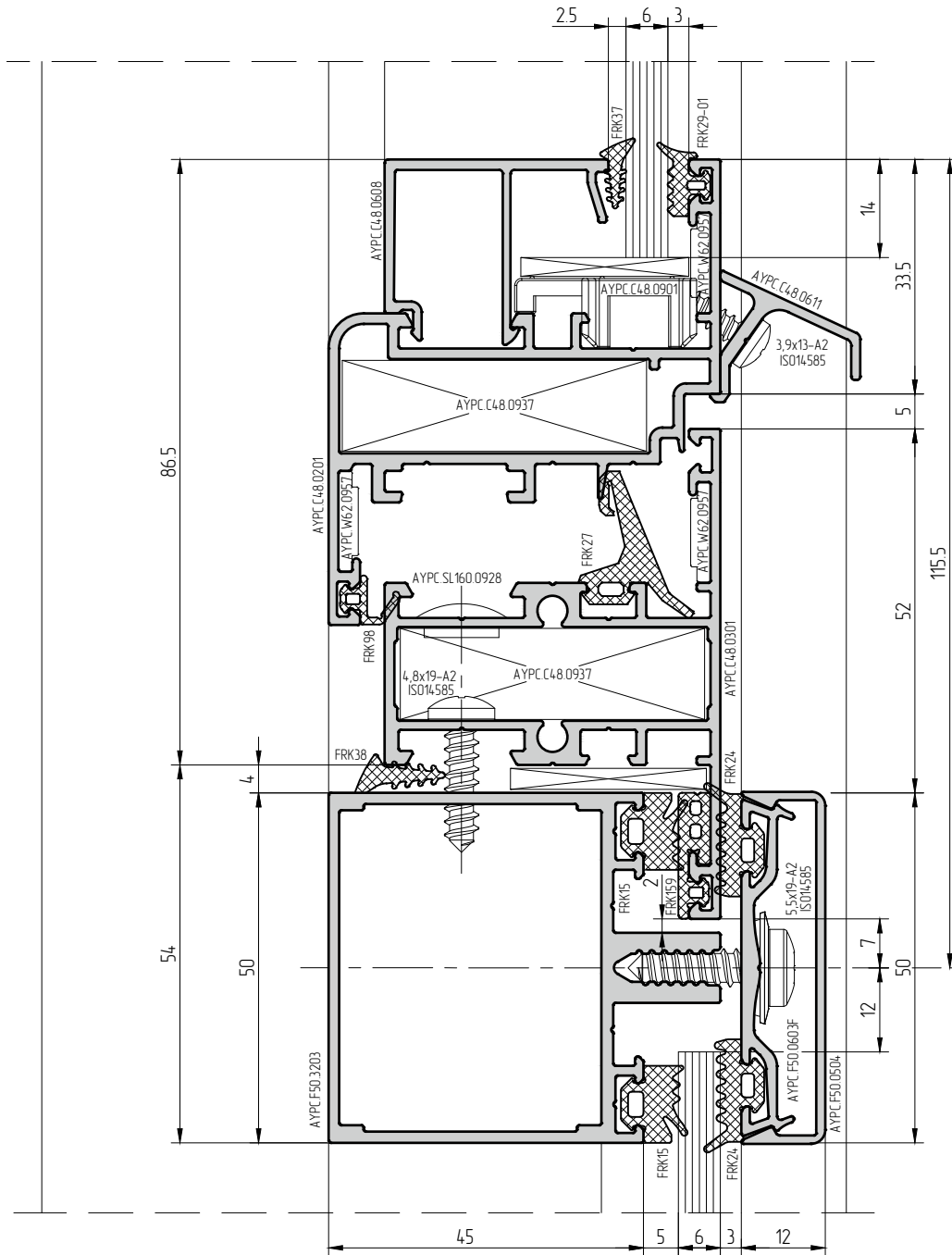
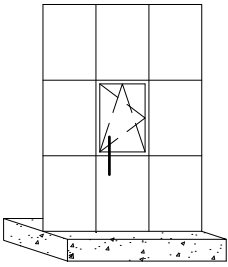


Scale 1:1

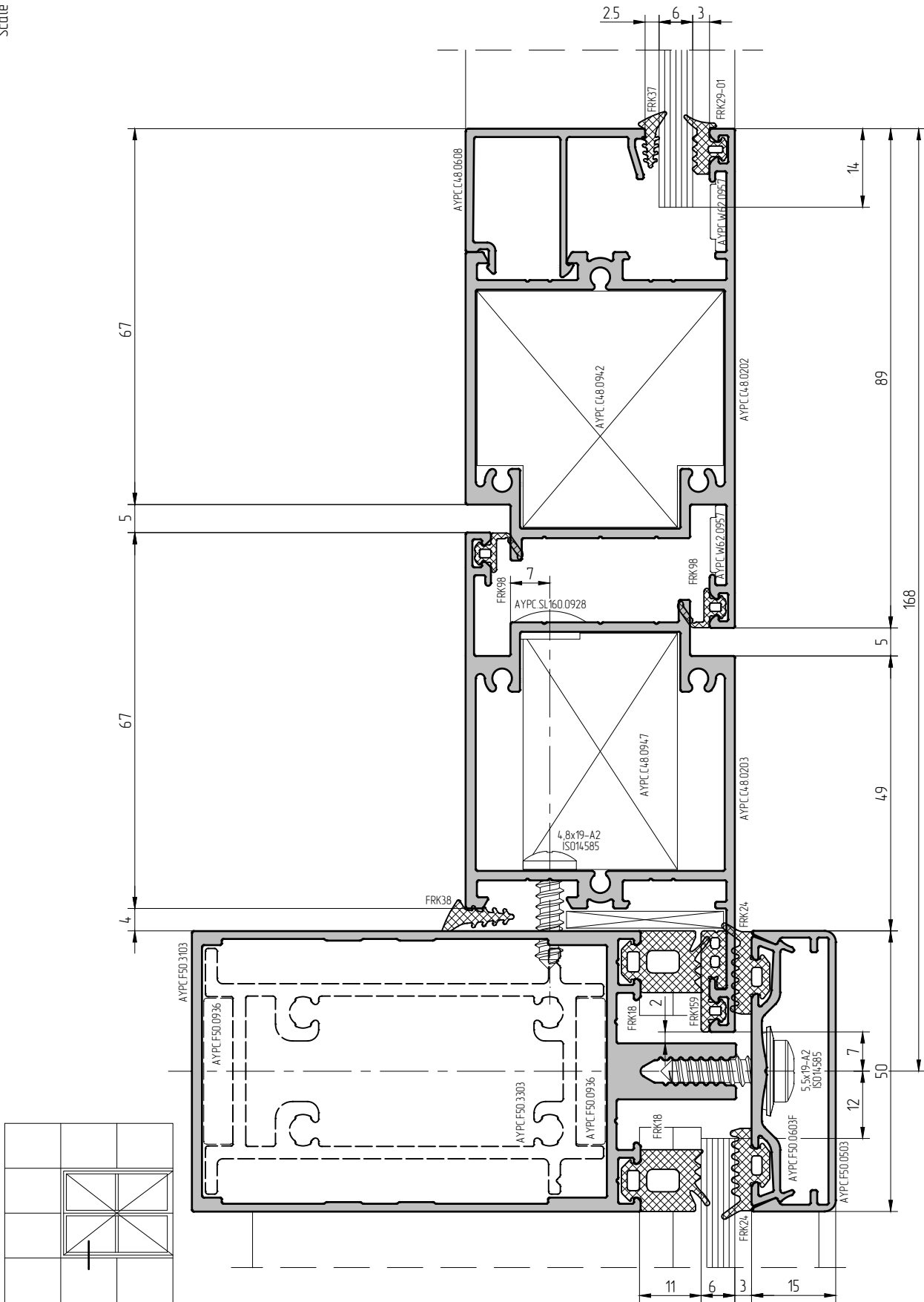




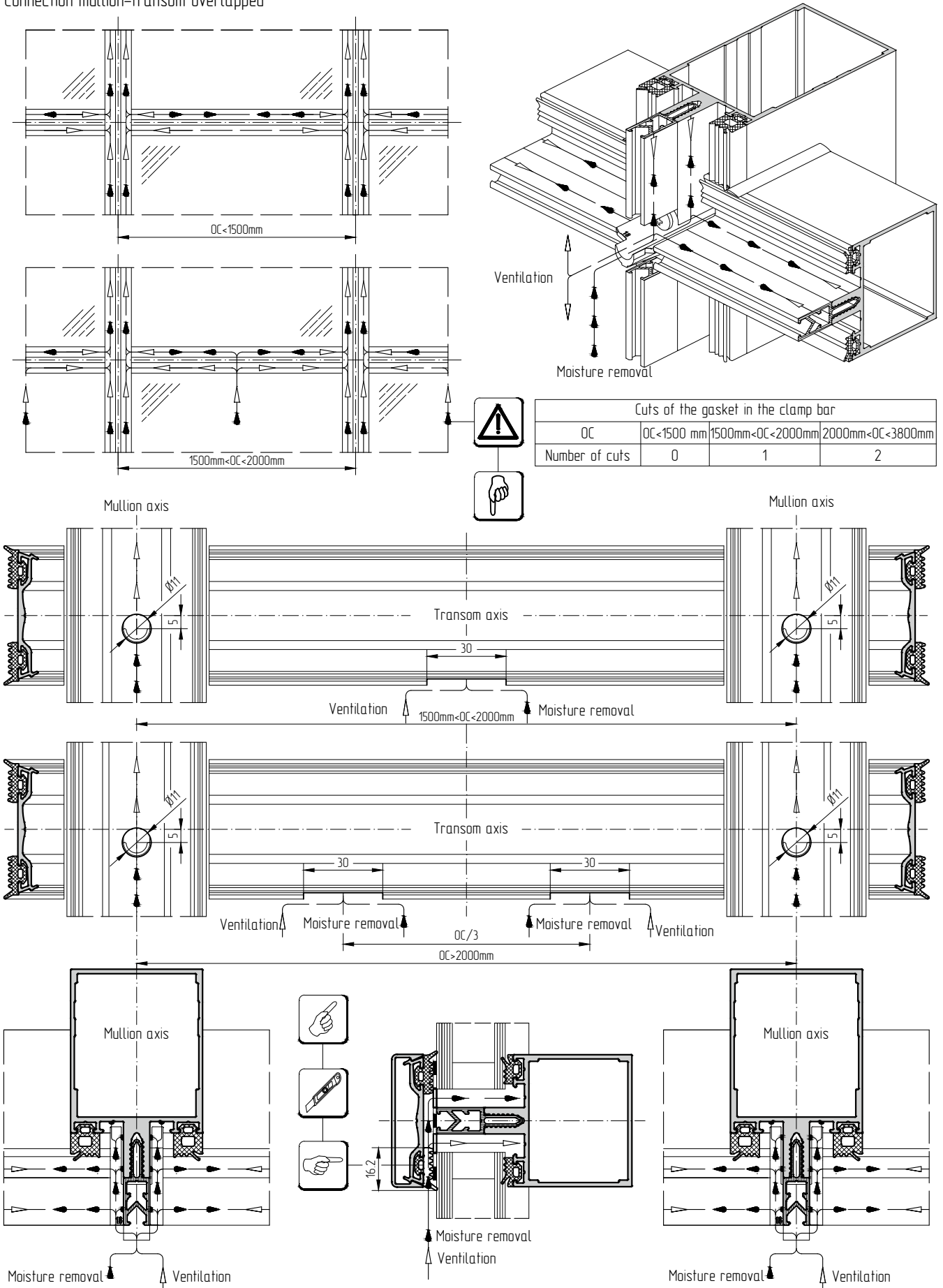




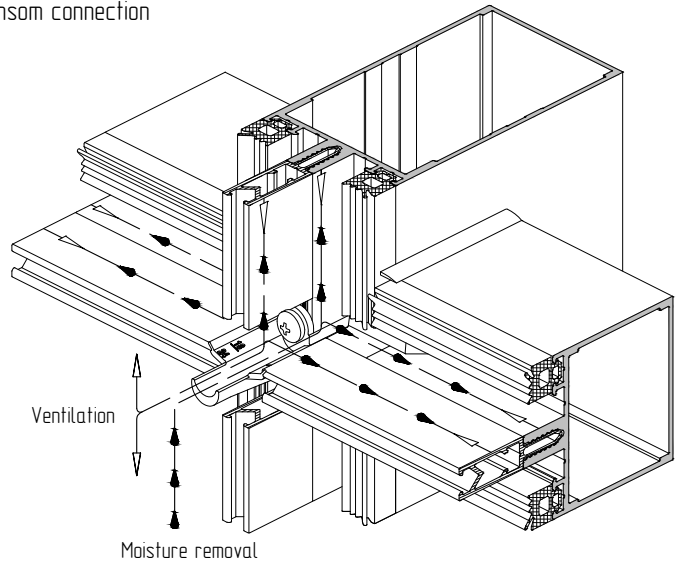
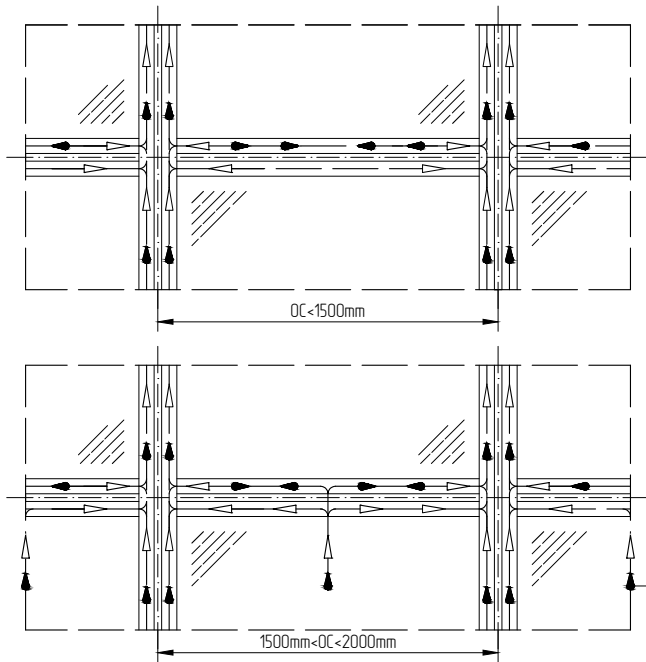
Scale 1:1



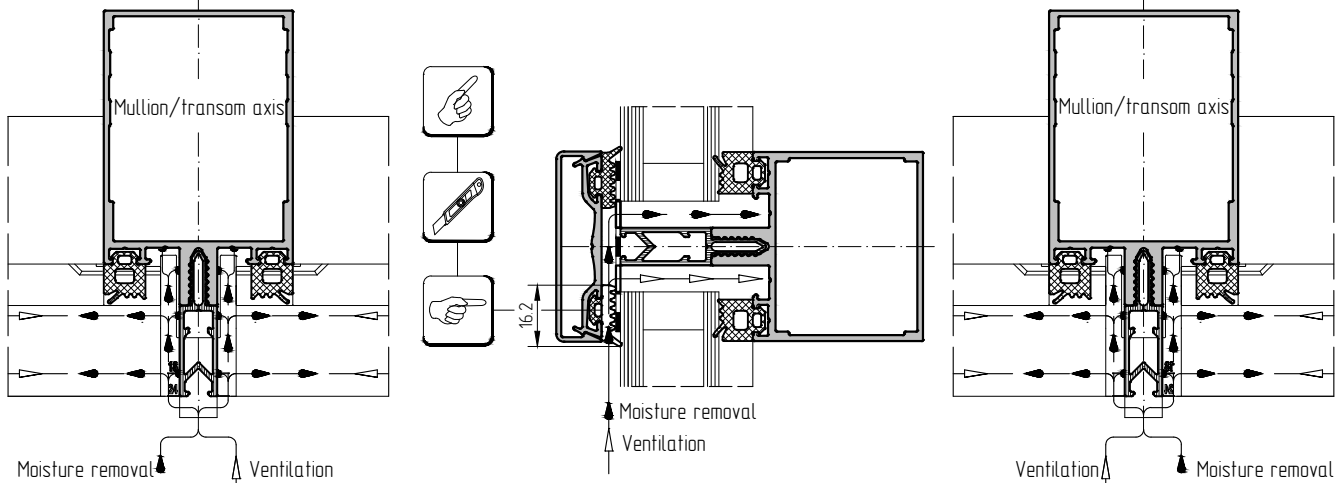
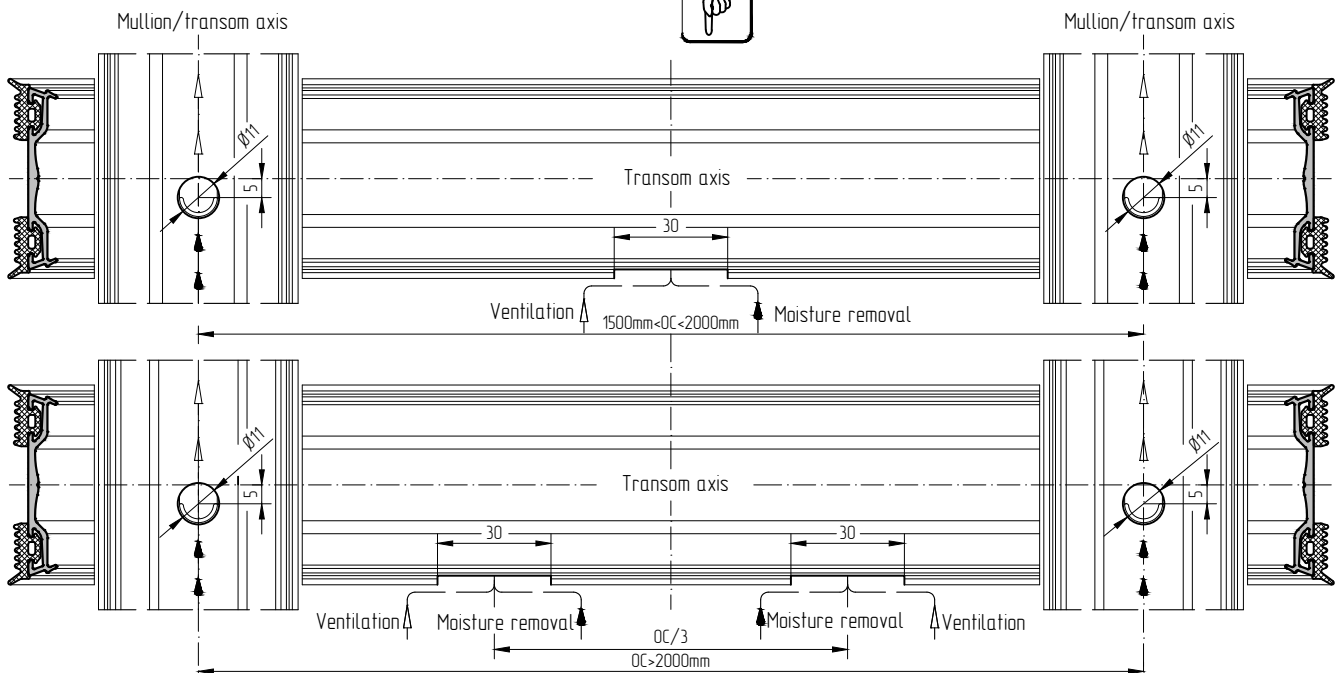
Scheme of ventilation and moisture removal from the glass unit rebate area for straight translucent structure of the facade
Connection mullion-transom overlapped



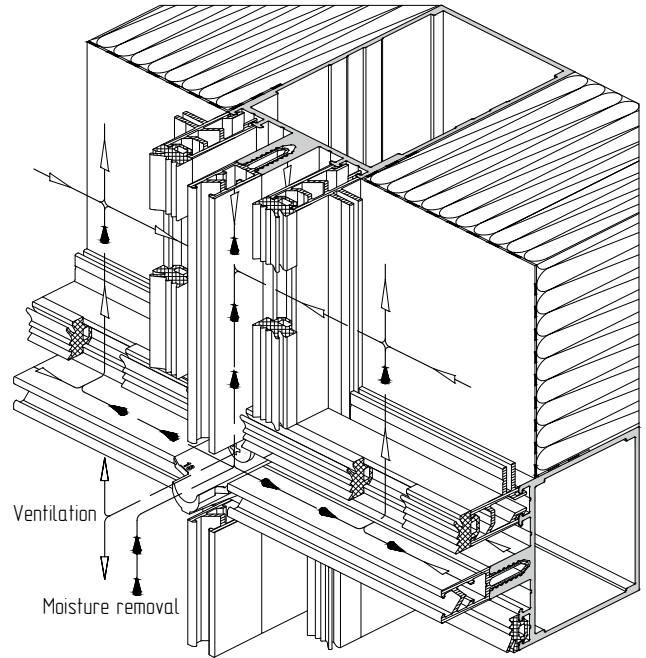
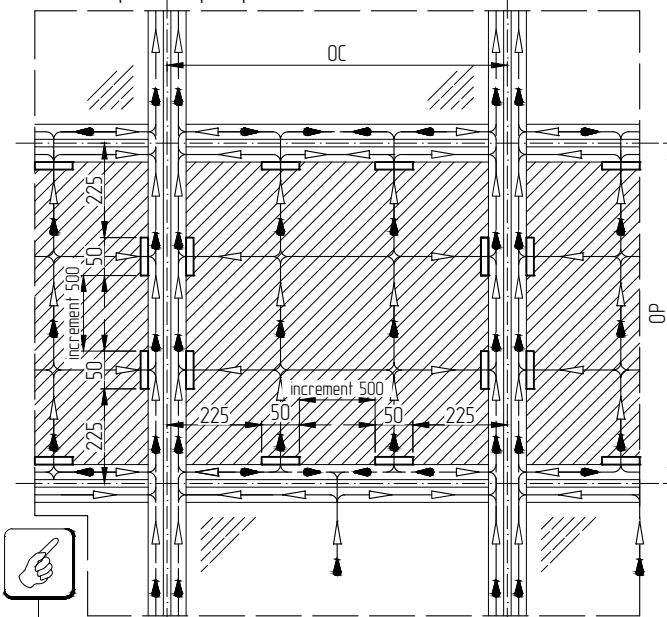
Scheme of ventilation and moisture removal from the glass unit rebate area for straight translucent structure of the facade
End-to-end mullion-transom connection / End-to-end transom-transom connection



Cuts of the gasket in the clamp bar			
OC	OC < 1500 mm	1500mm < OC < 2000mm	2000mm < OC < 3800mm
Number of cuts	0	1	2

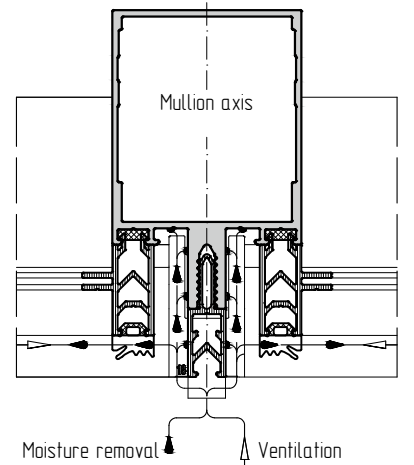
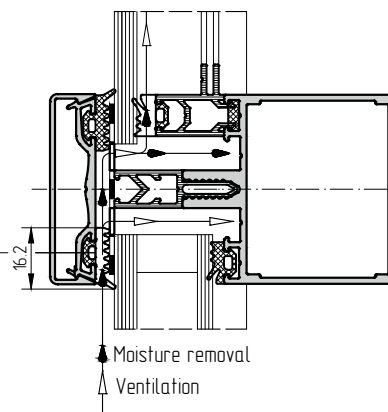
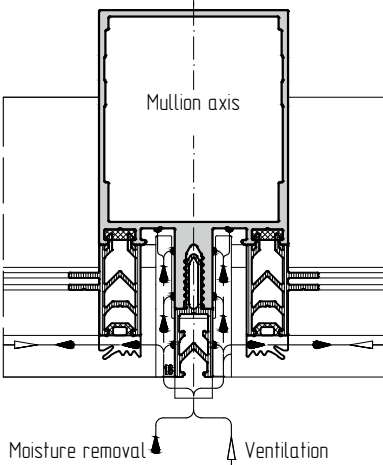
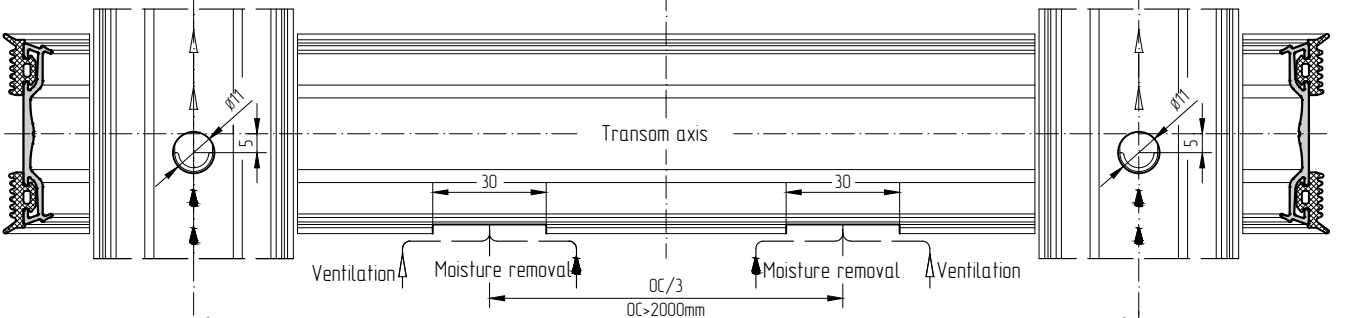
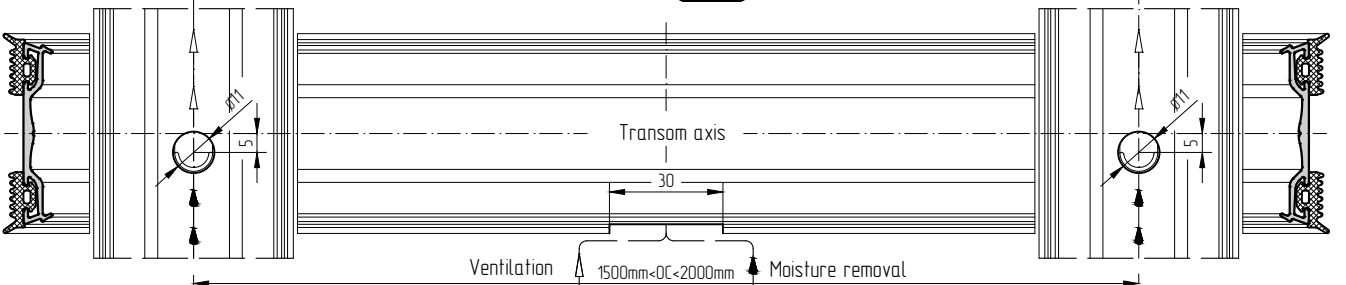


Scheme of ventilation and moisture removal from the glass unit rebate area for straight non-translucent structure of the facade for all types of mullion-transom, transom-transom connections with waterproof vapor-permeable membrane

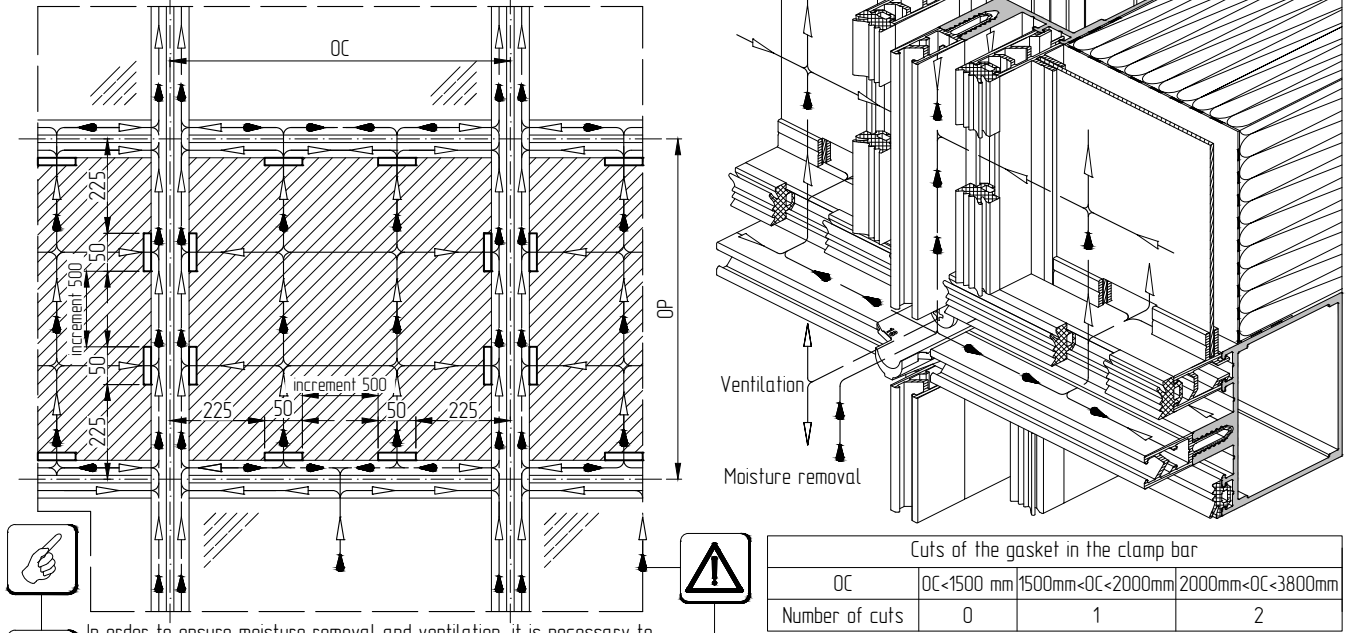


Cuts of the gasket in the clamp bar			
OC	OC < 1500 mm	1500 mm < OC < 2000 mm	2000 mm < OC < 3800 mm
Number of cuts	0	1	2

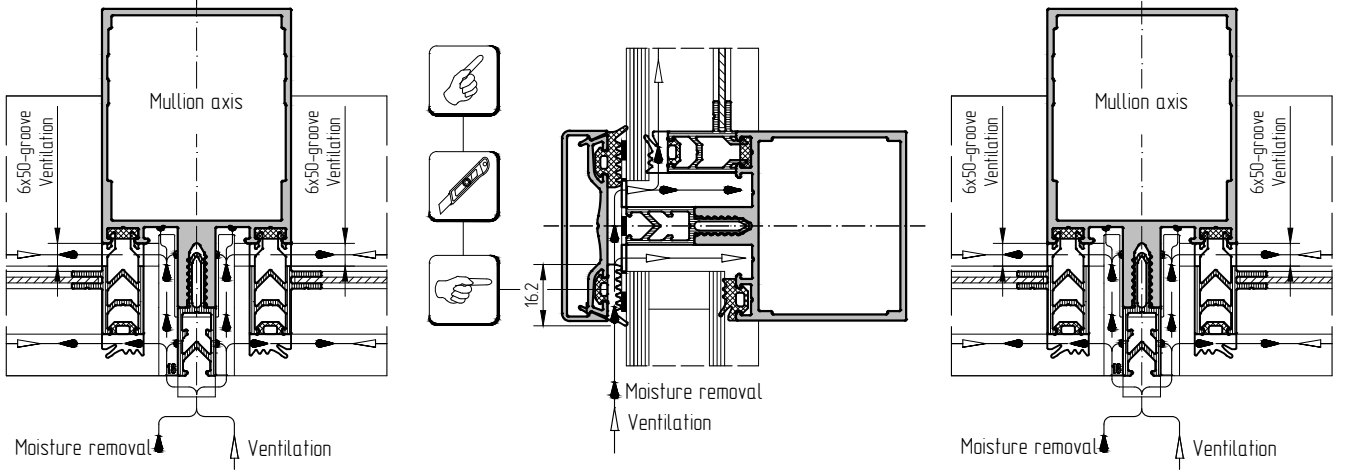
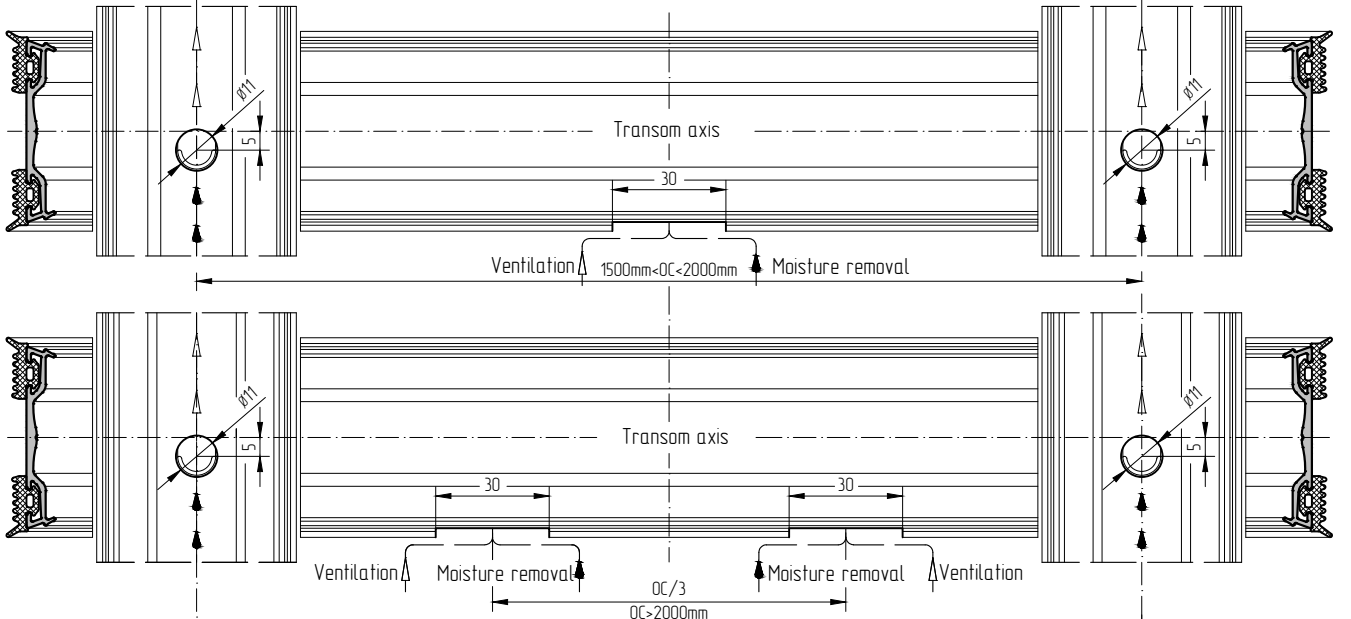
In order to ensure moisture removal and ventilation, it is necessary to make cuts 50 mm long in mullion and transoms gaskets, stepping back from the axes of mullions and transoms at a distance of 225 mm. Make cuts with an increment of 500 mm



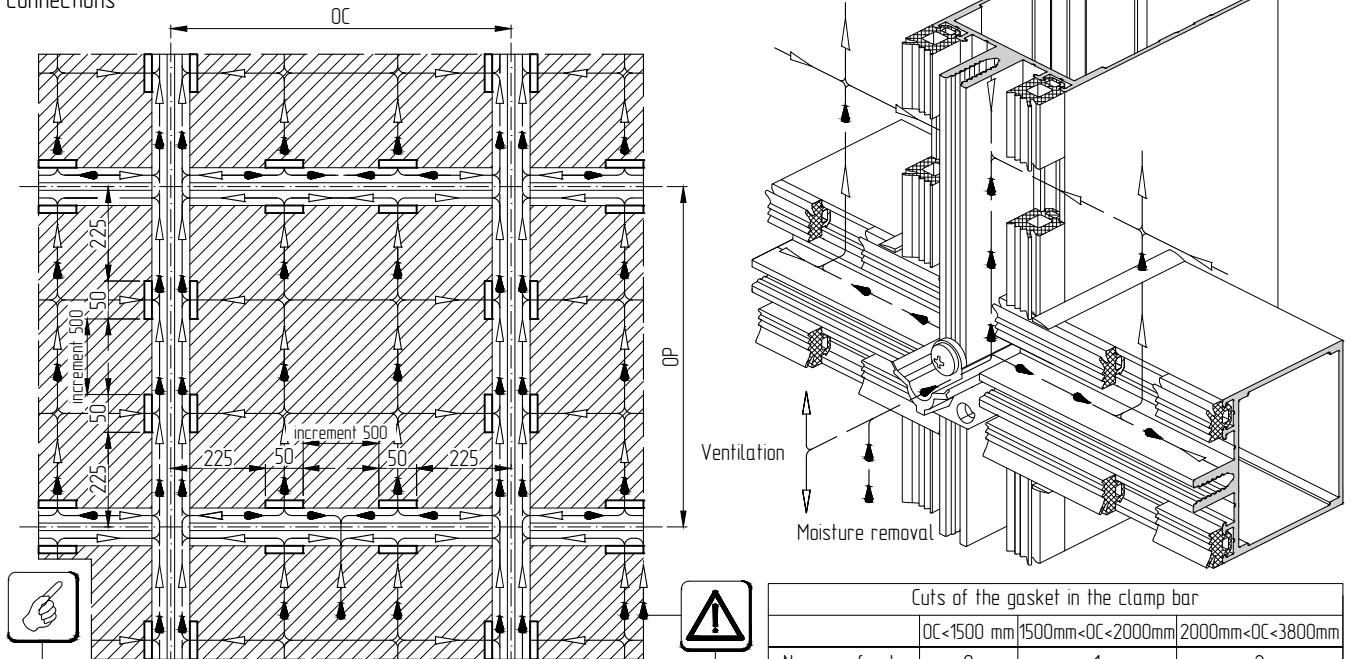
Scheme of ventilation and moisture removal from the glass unit rebate area for straight non-translucent structure of the facade for all types of mullion-transom or transom-transom connections with waterproof vapor-permeable membrane and aluminium sheet with thickness of 15 mm



In order to ensure moisture removal and ventilation, it is necessary to make cuts 50 mm long in mullion and transoms gaskets, stepping back from the axes of mullions and transoms at a distance of 225 mm. Make cuts with an increment of 500 mm



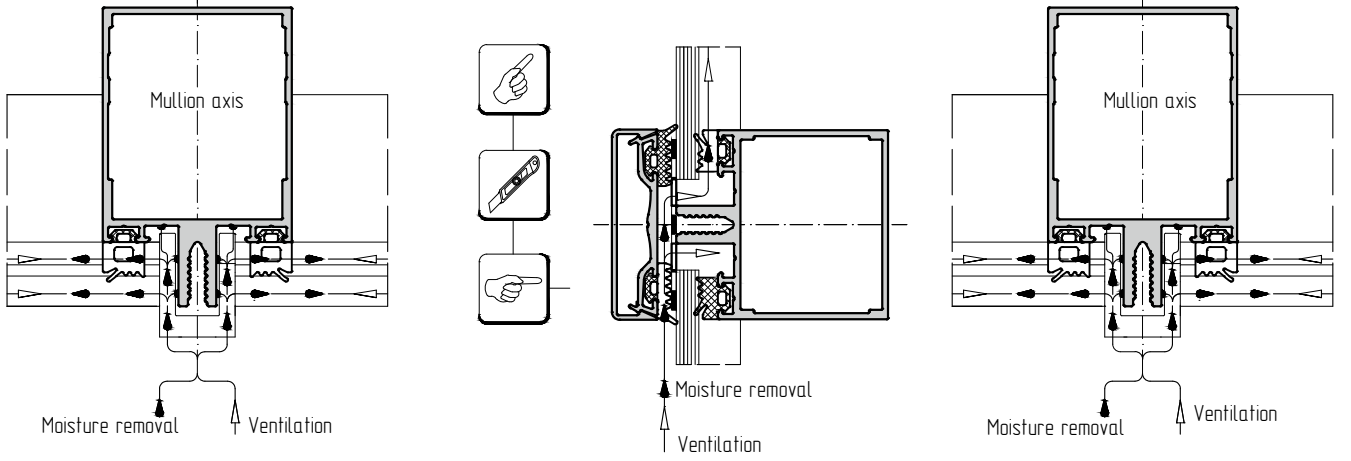
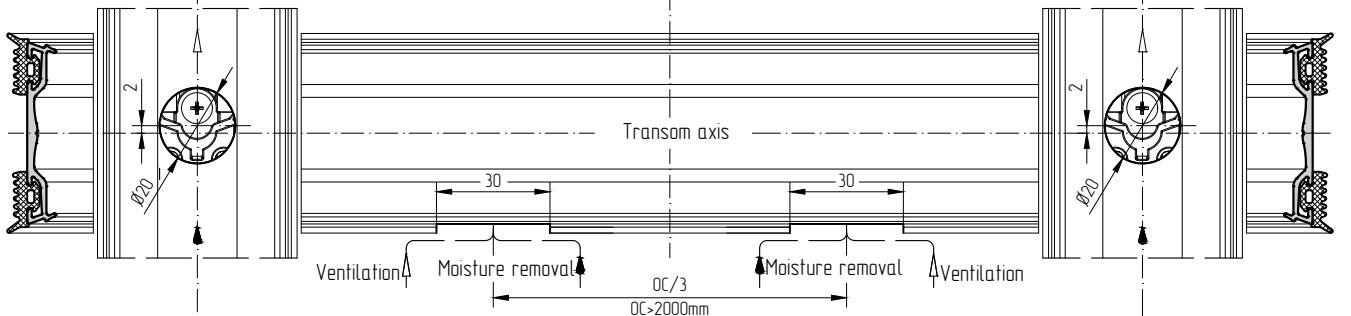
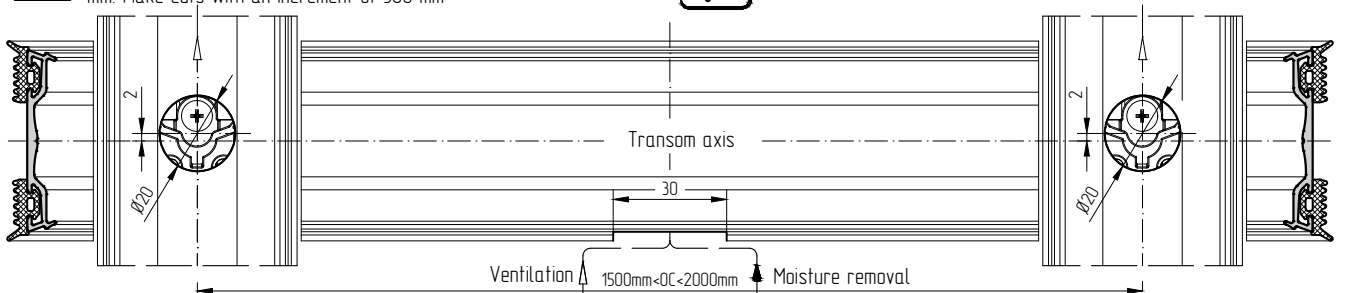
Scheme of ventilation and moisture removal from the glass unit rebate area for straight non-translucent structure of the facade for all types of mullion-transom or transom-transom connections



In order to ensure moisture removal and ventilation, it is necessary to make cuts 50 mm long in mullion and transoms gaskets, stepping back from the axes of mullions and transoms at a distance of 225 mm. Make cuts with an increment of 500 mm

Cuts of the gasket in the clamp bar

	OC < 1500 mm	1500mm < OC < 2000mm	2000mm < OC < 3800mm
Number of cuts	0	1	2



GENERAL INFORMATION

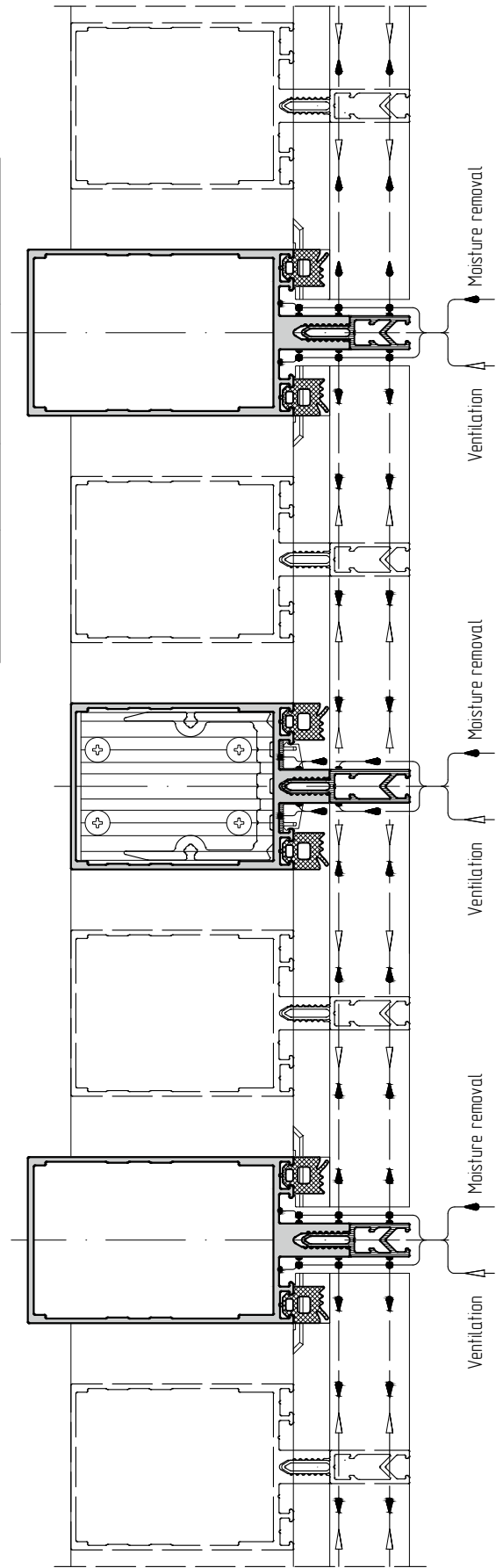
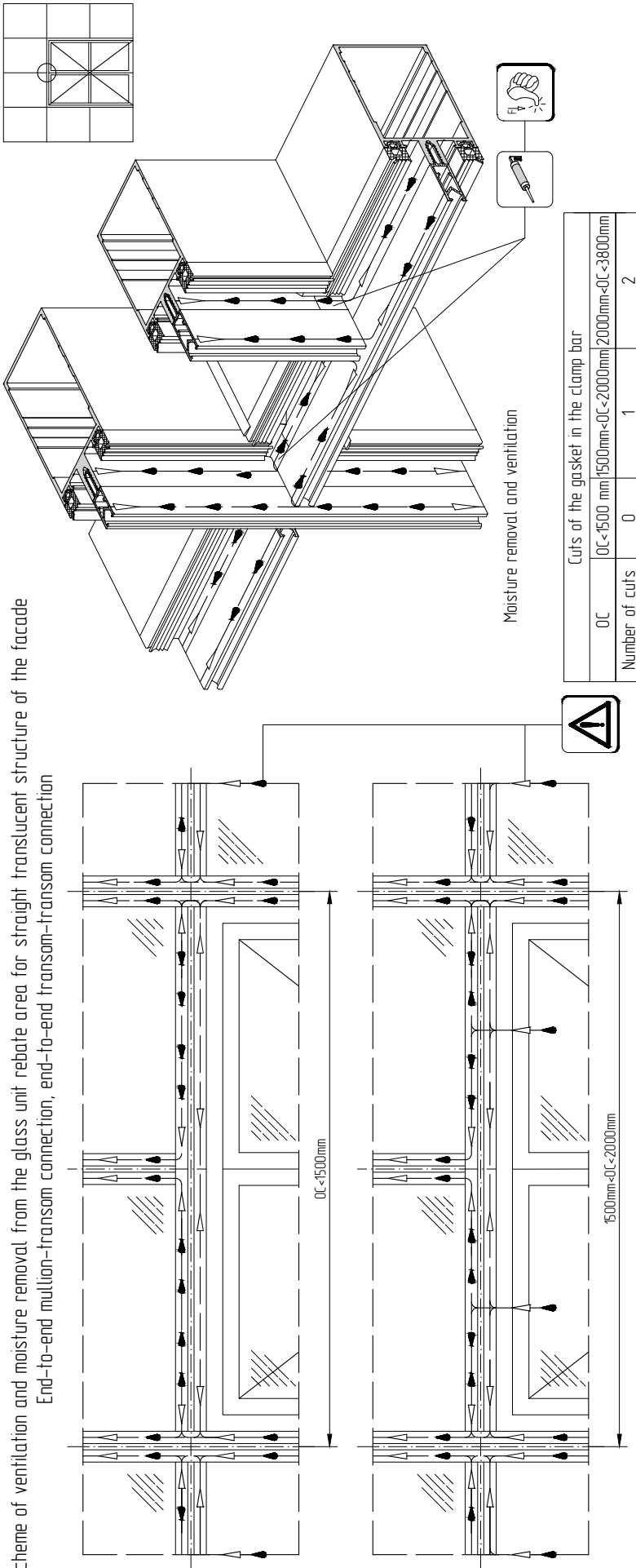
ALT F50

ALT F50 TT

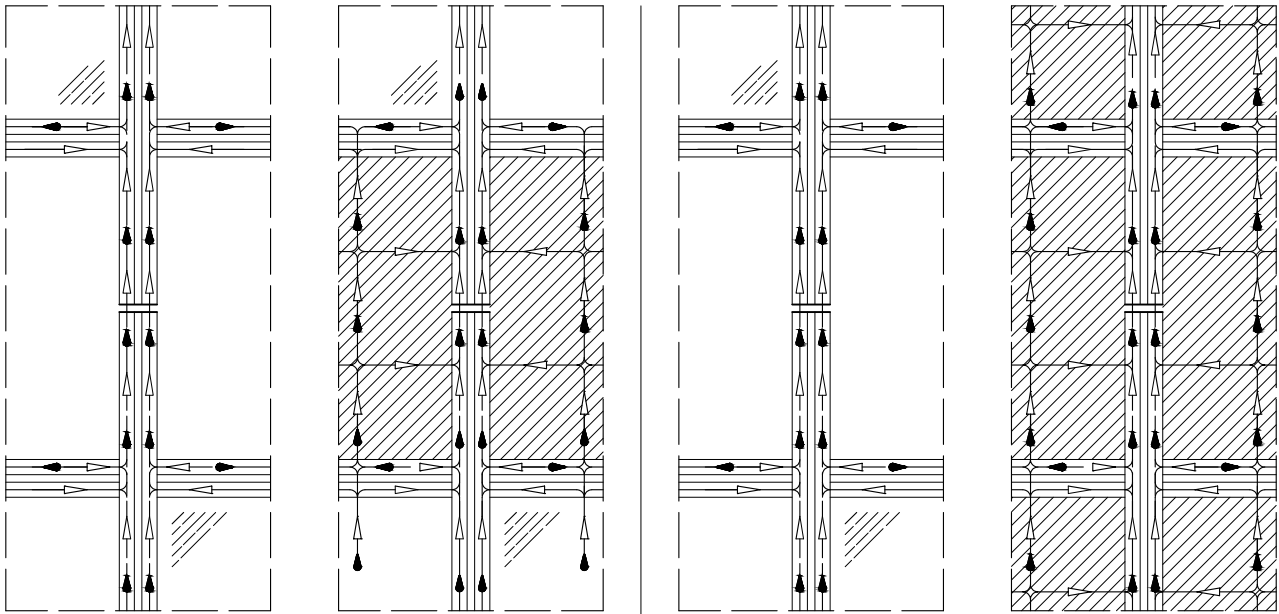
ALT F50 HC

ALT SKL50

Scheme of ventilation and moisture removal from the glass unit rebate area for straight translucent structure of the facade
End-to-end mullion-transom connection, end-to-end transom-transom connection



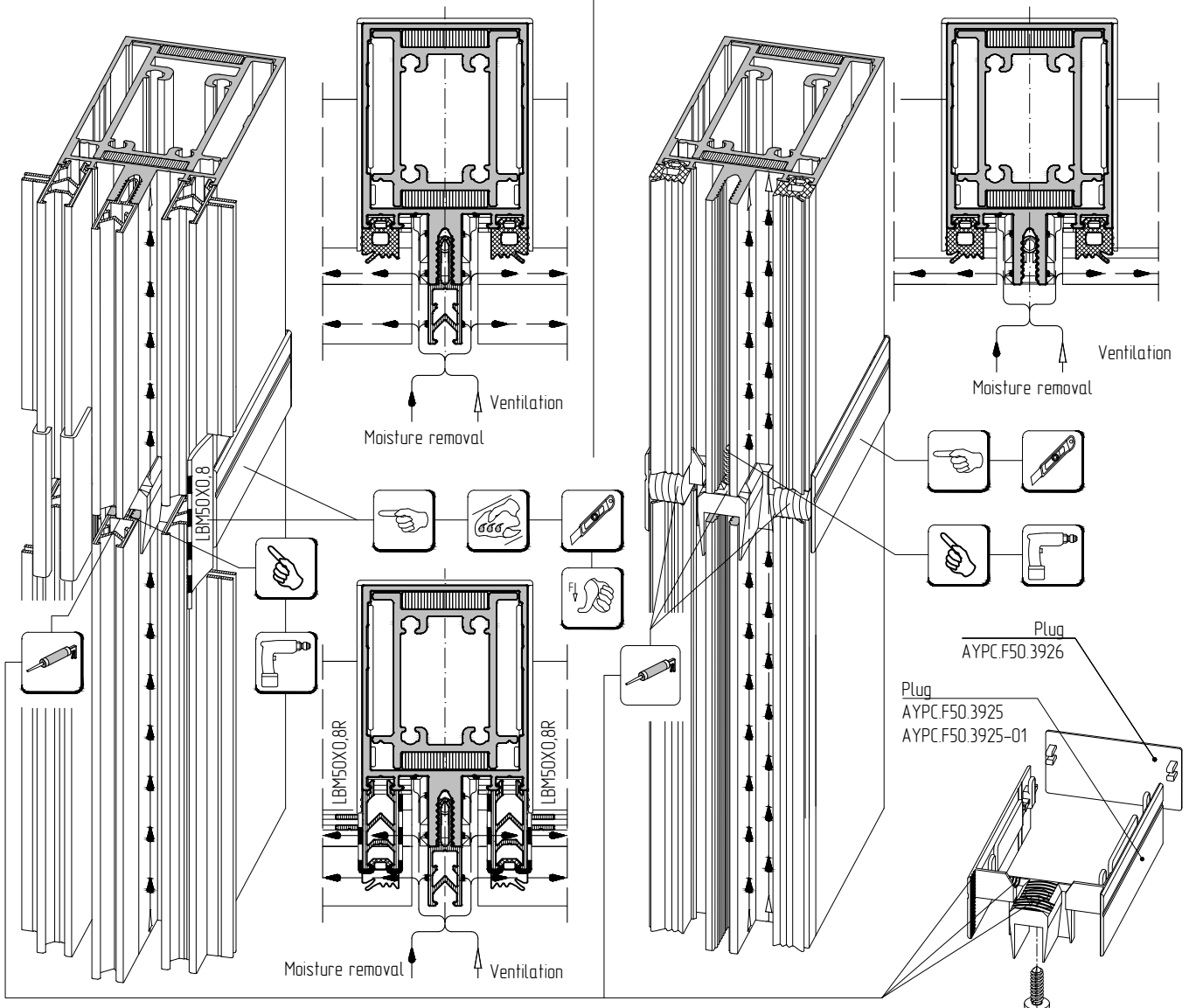
Scheme of ventilation and moisture removal from the glass unit rebate area for straight and non-translucent structure of the facade at mullions and transoms connection vertically



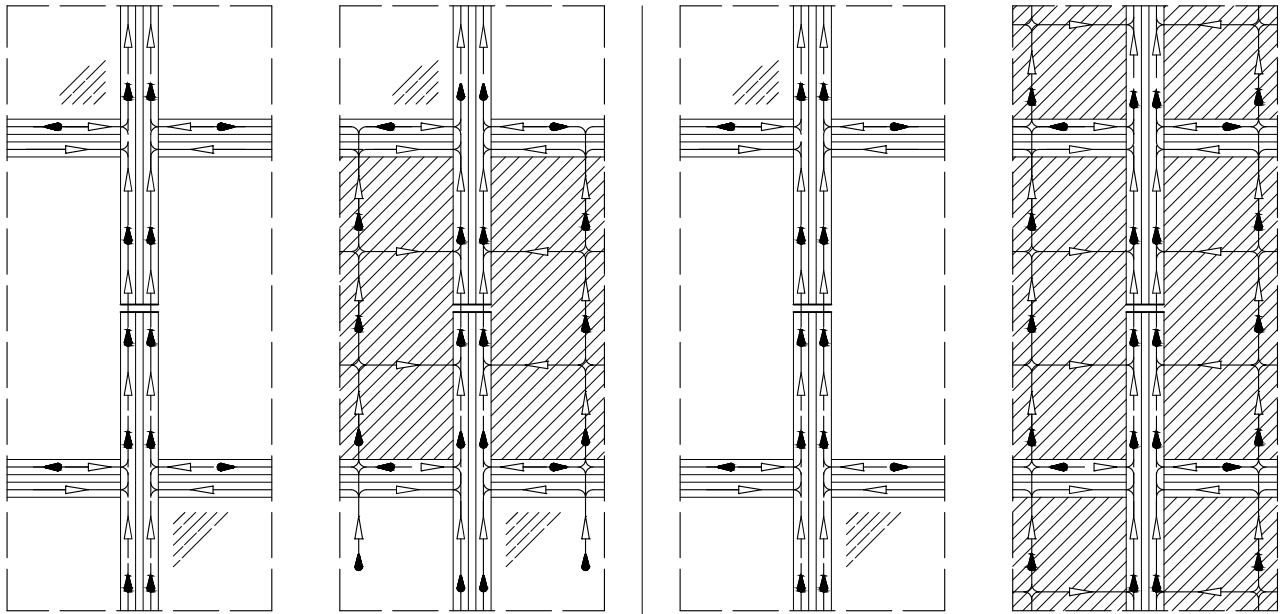
Moisture transfer and ventilation are ensured in the area of mullions connection with thermal breaks (warm facade)



Moisture transfer and ventilation are ensured in the area of mullions connection without thermal breaks (cold facade)



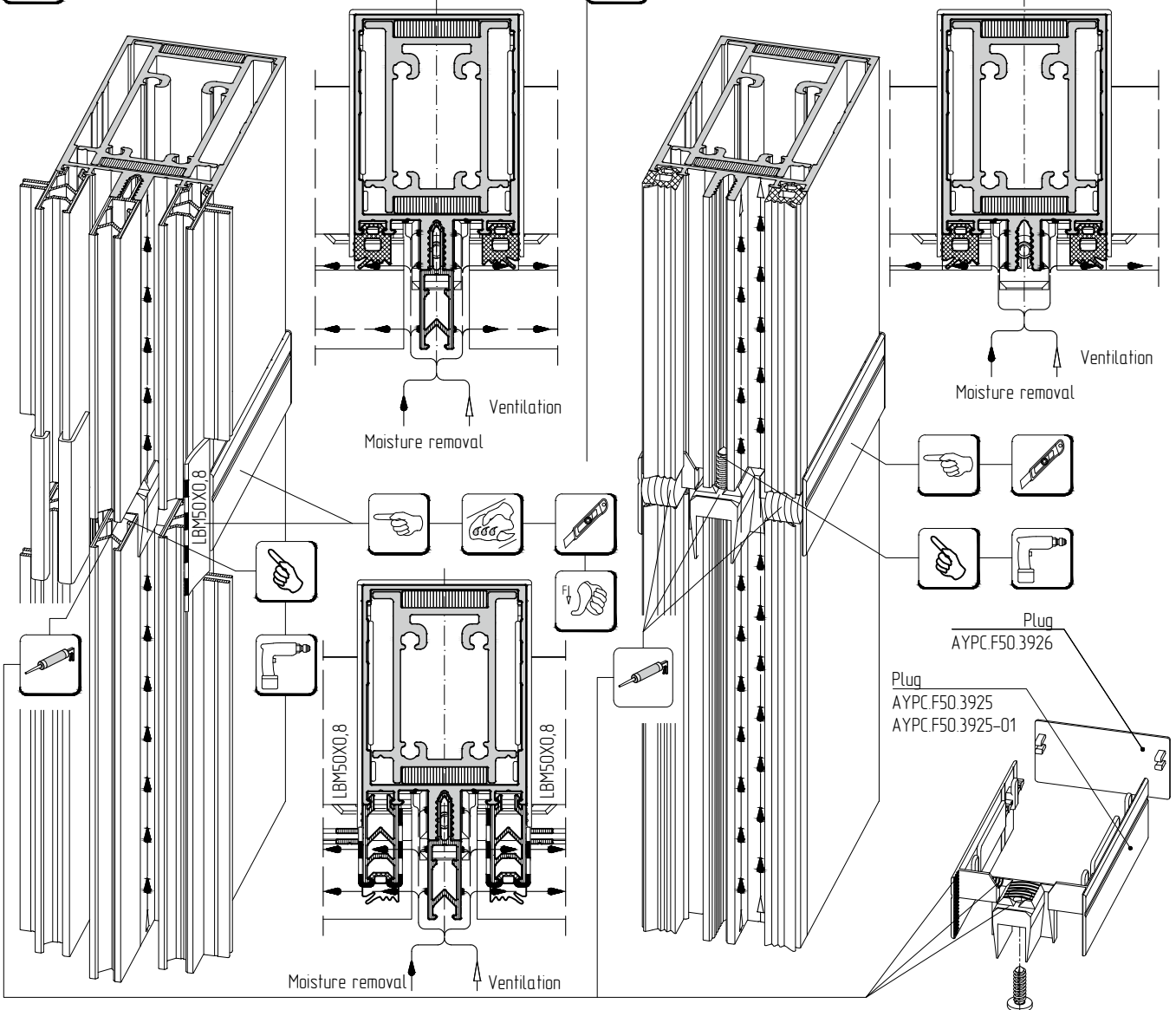
Scheme of ventilation and moisture removal from the glass unit rebate area for straight and non-translucent structure of the facade at transoms connection vertically (transom used as a mullion)



Moisture transfer and ventilation are ensured in the area of mullions connection with thermal breaks (warm facade)



Moisture transfer and ventilation are ensured in the area of mullions connection without thermal breaks (cold facade)



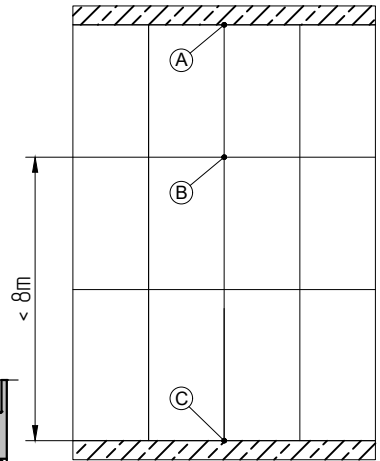
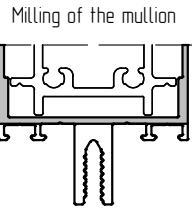
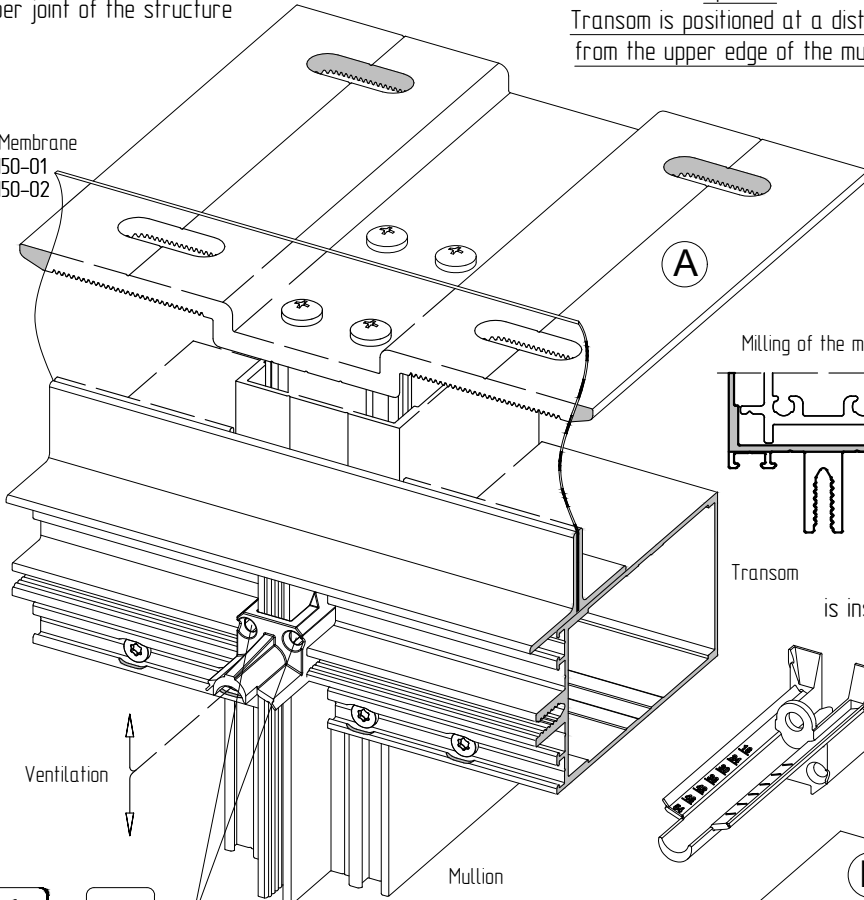
Moisture removal and vapor pressure equalization in the glass unit rebate area for straight structure of the facade
Mullion-transom connection overlapped

Option 1

Transom is positioned at a distance from the upper edge of the mullion

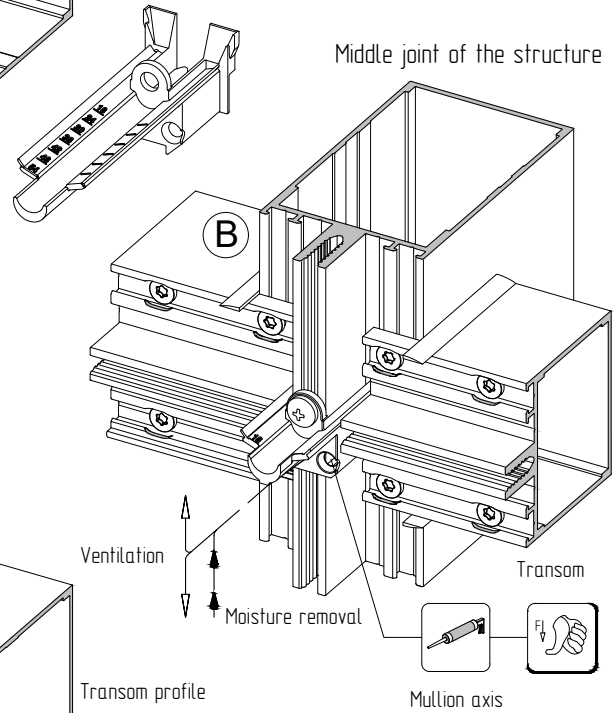
Upper joint of the structure

EPDM Membrane
FRK 150-01
FRK 150-02



Transom AYPC.F50.3928-01 Detail is installed with a max increment 8 m

Middle joint of the structure

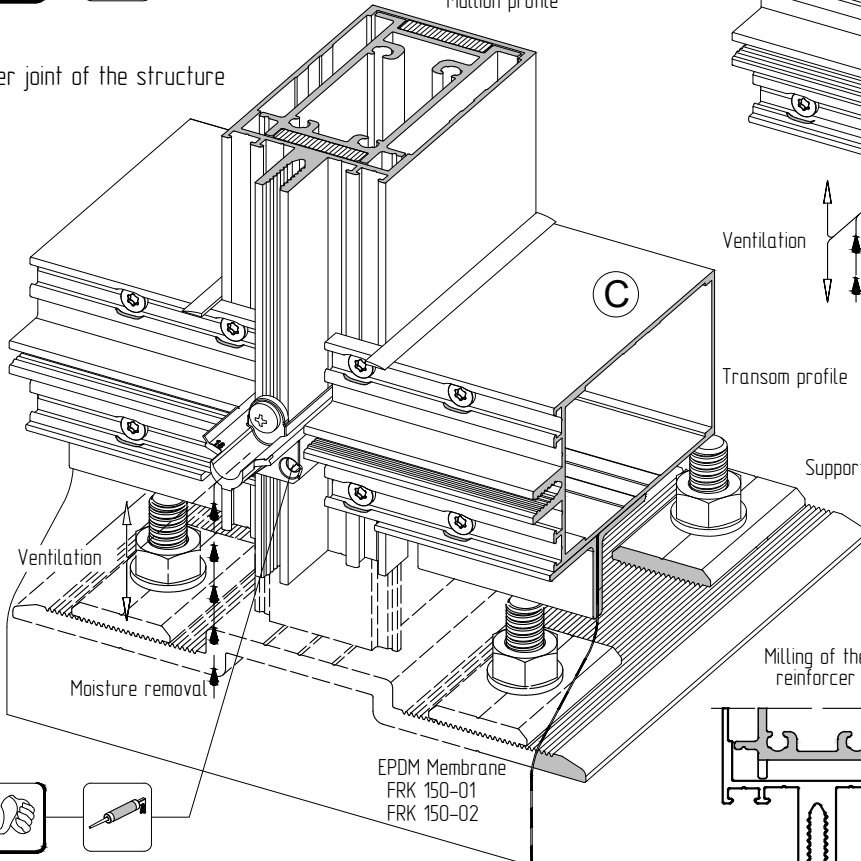


Ventilation

Moisture removal

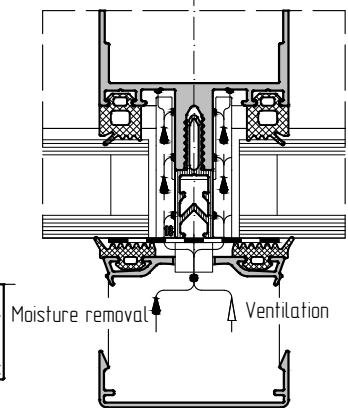
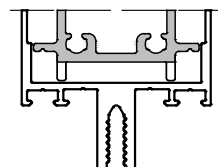
Mullion axis

Lower joint of the structure



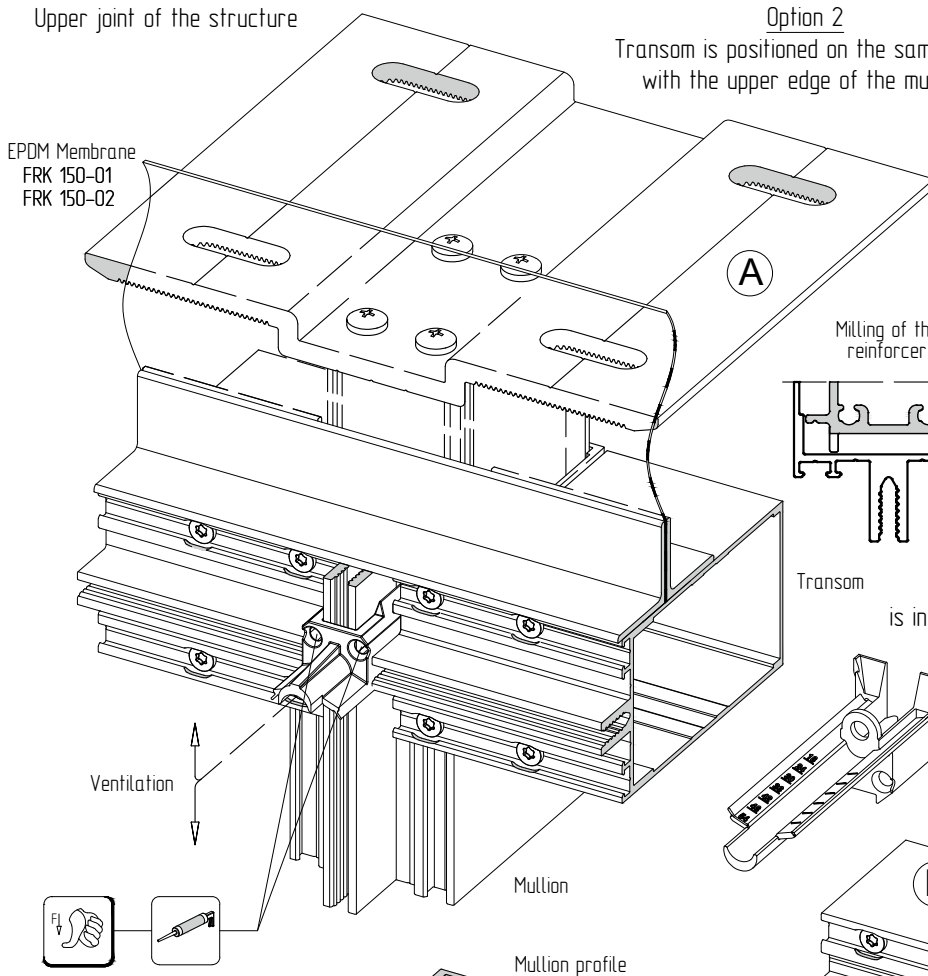
EPDM Membrane
FRK 150-01
FRK 150-02

Milling of the reinforcer



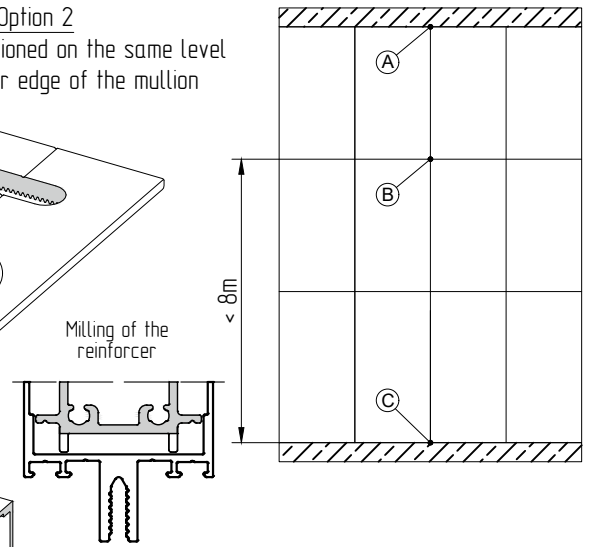
Moisture removal and vapor pressure equalization in the glass unit rebate area for straight structure of the facade
Mullion-transom connection overlapped

Upper joint of the structure

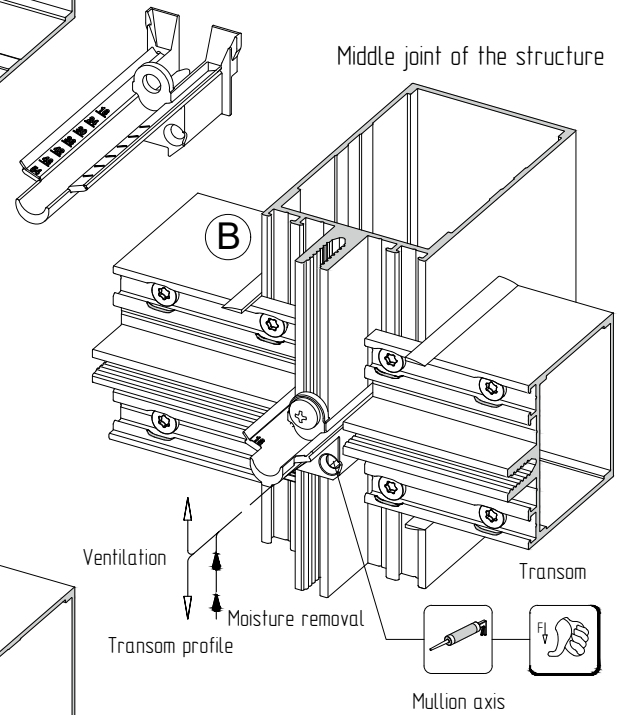


Option 2

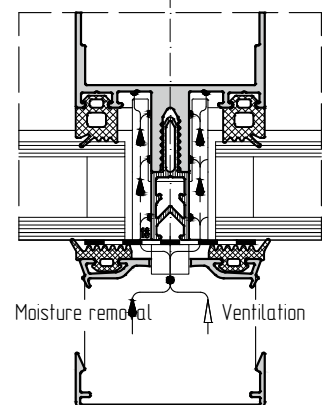
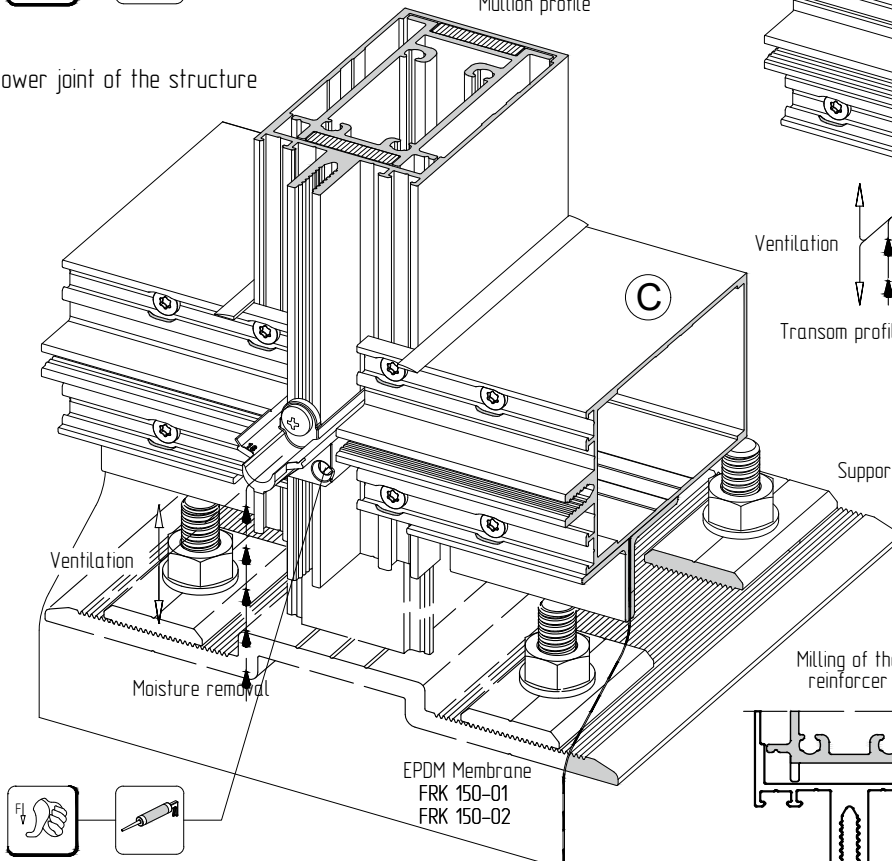
Transom is positioned on the same level with the upper edge of the mullion



Middle joint of the structure



Lower joint of the structure



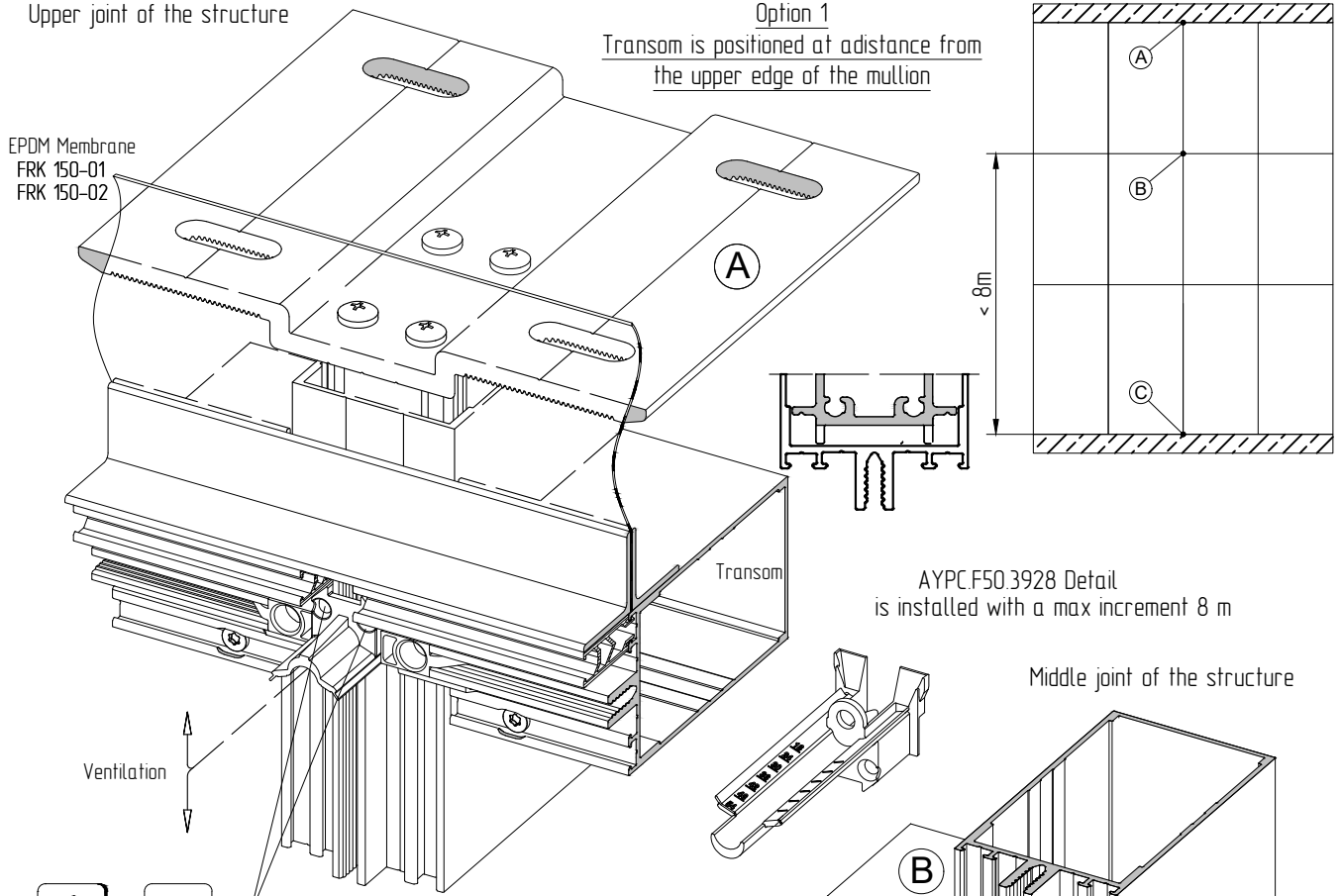
Moisture removal and vapor pressure equalization in the glass unit rebate area for straight structure of the facade
End-to-end transom-transom connection (transom used as a mullion)

Upper joint of the structure

Option 1

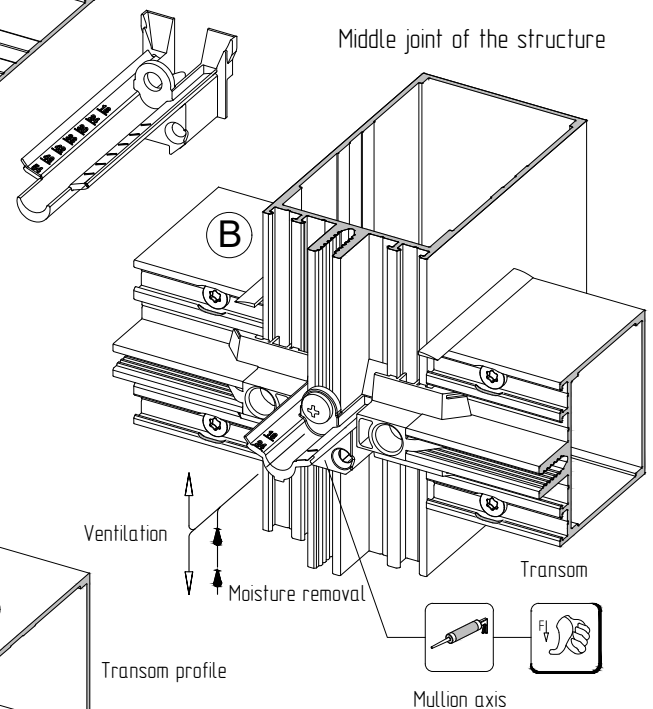
Transom is positioned at distance from the upper edge of the mullion

EPDM Membrane
FRK 150-01
FRK 150-02

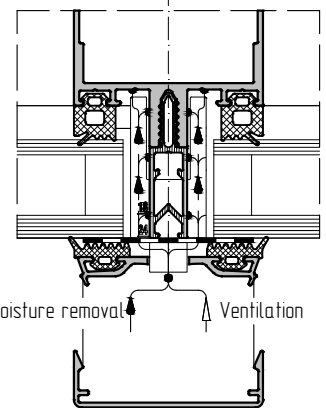
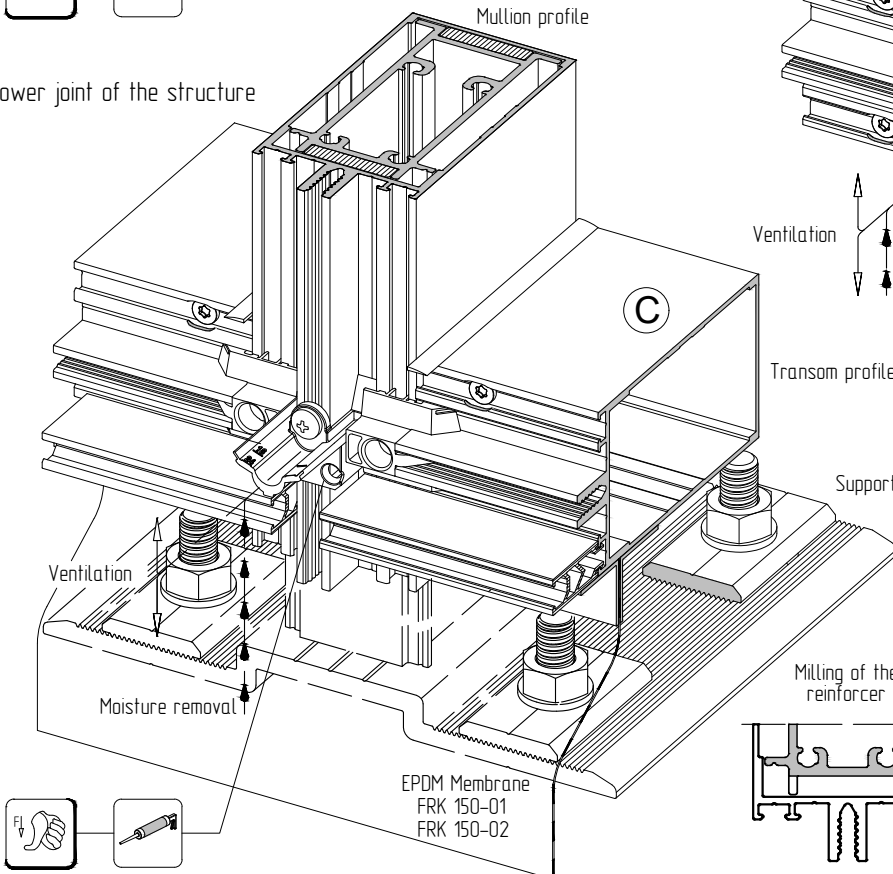


AYPC.F50.3928 Detail
is installed with a max increment 8 m

Middle joint of the structure

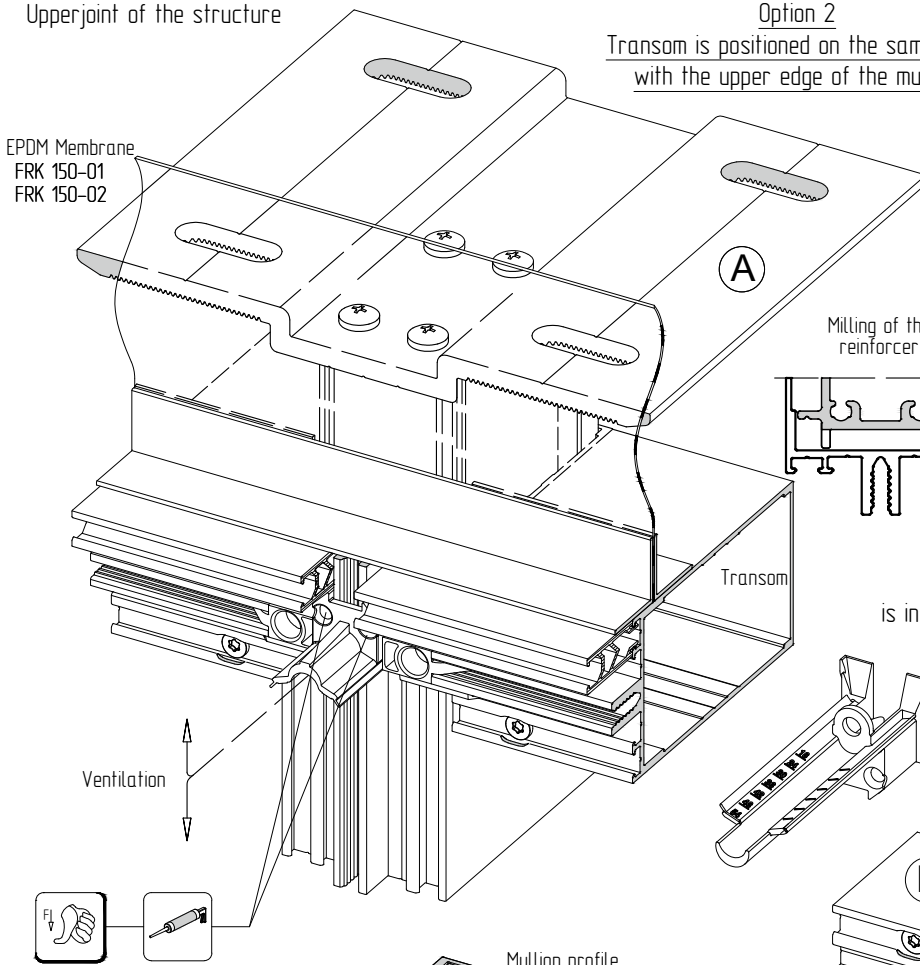


Lower joint of the structure



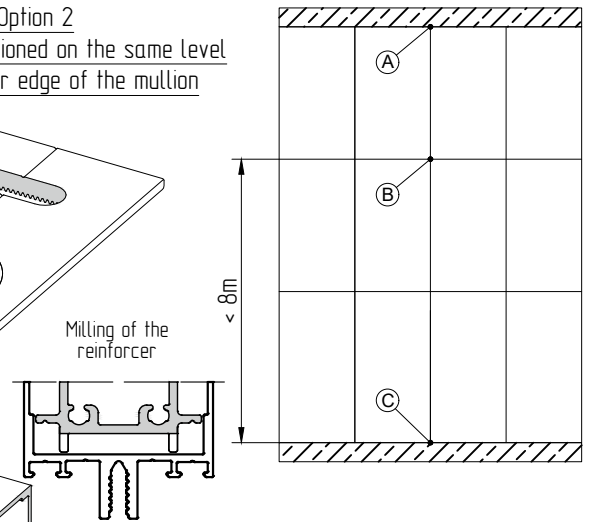
Moisture removal and vapor pressure equalization in the glass unit rebate area for straight structure of the facade
End-to-end transom-transom connection (transom used as a mullion)

Upperjoint of the structure



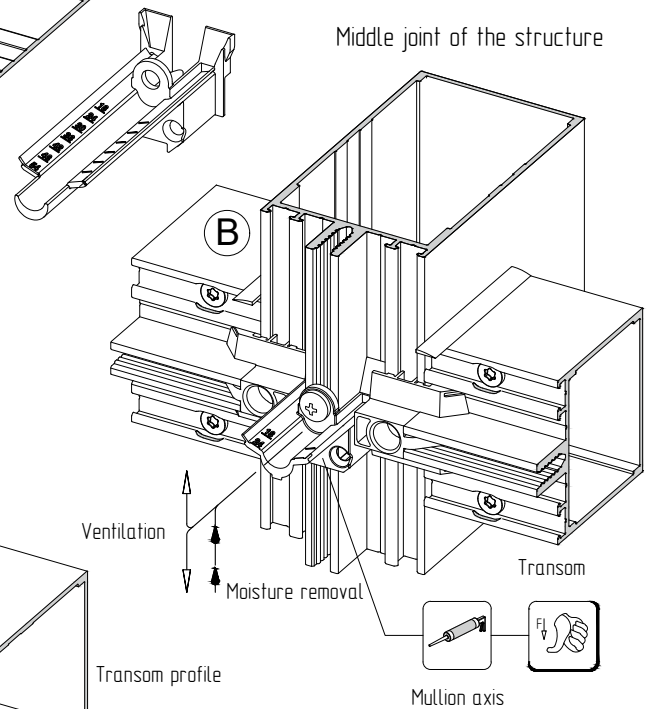
Option 2

Transom is positioned on the same level with the upper edge of the mullion

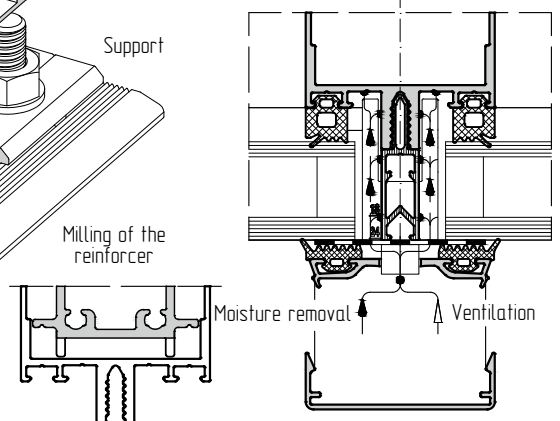
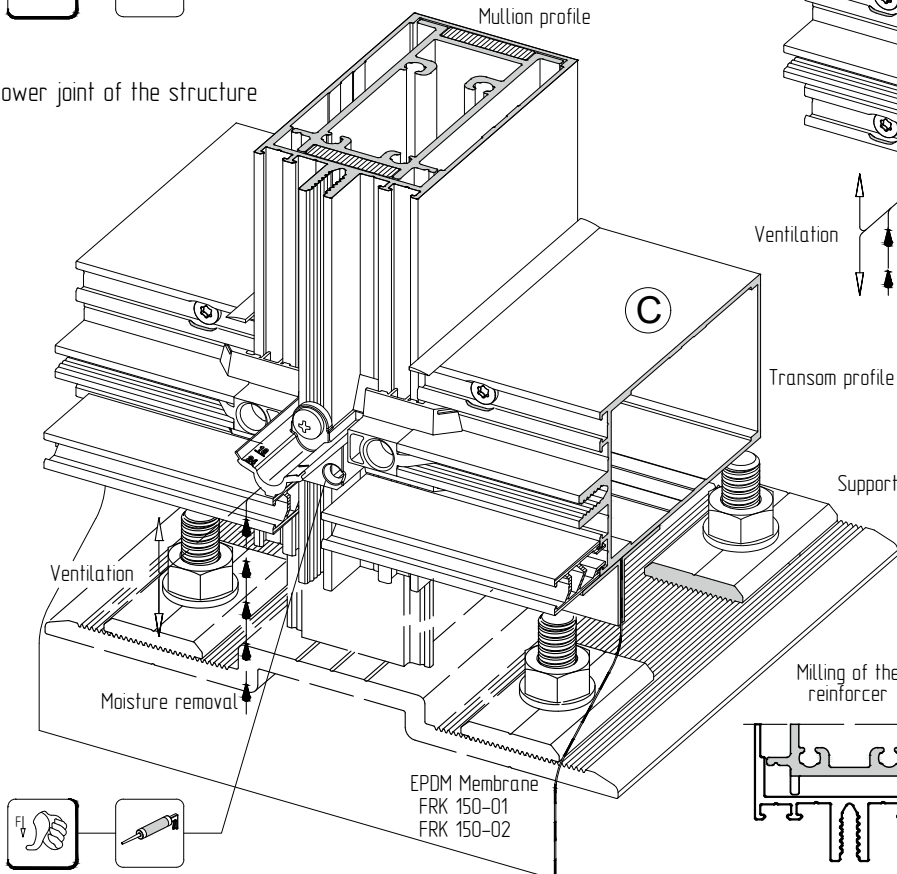


AYPC.F50.3928 Detail is installed with a max increment 8 m

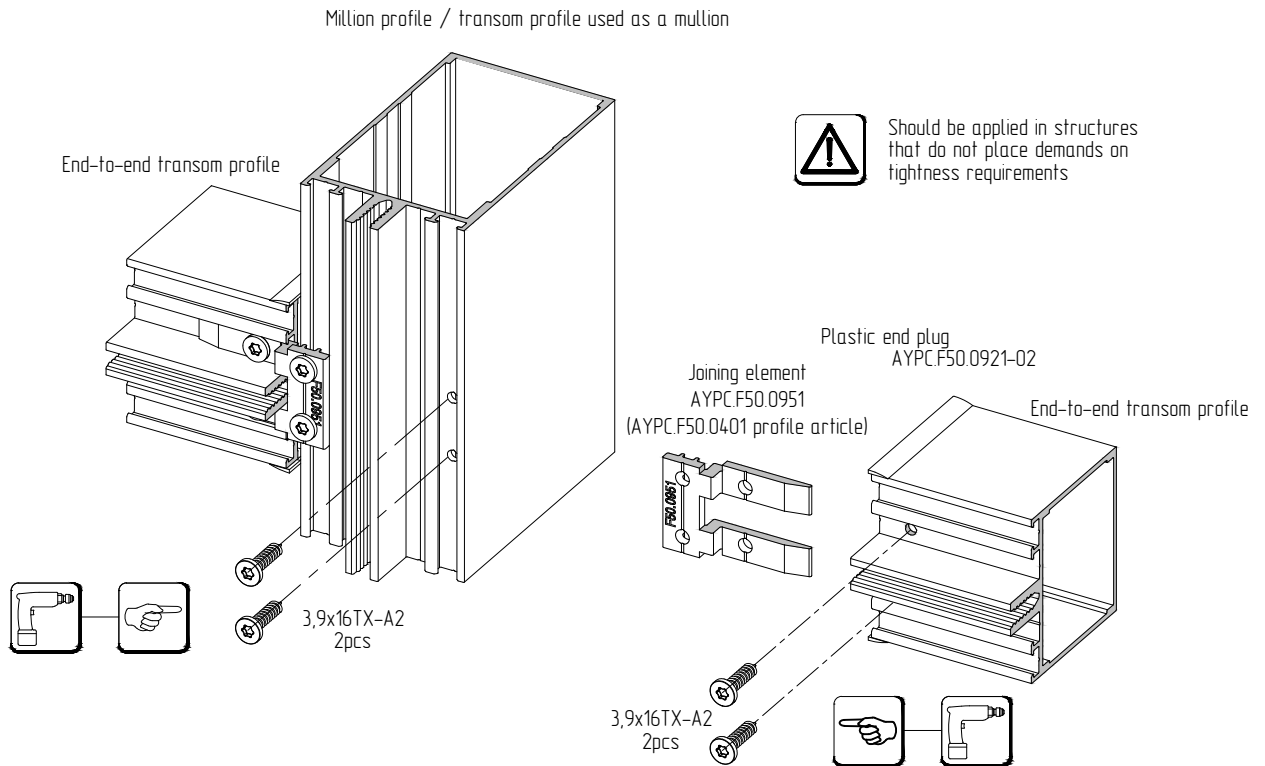
Middle joint of the structure



Lower joint of the structure

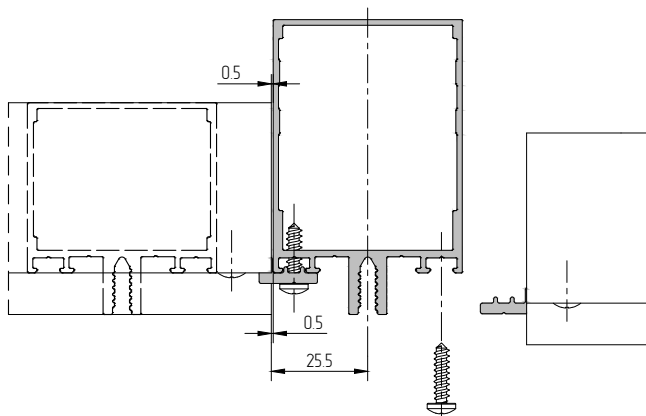
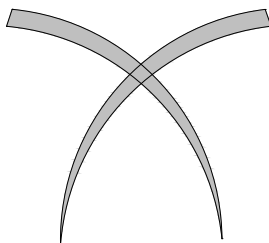


End-to-end connection of mullions and transoms profiles by means of one joining element



Option A - BC-15/A

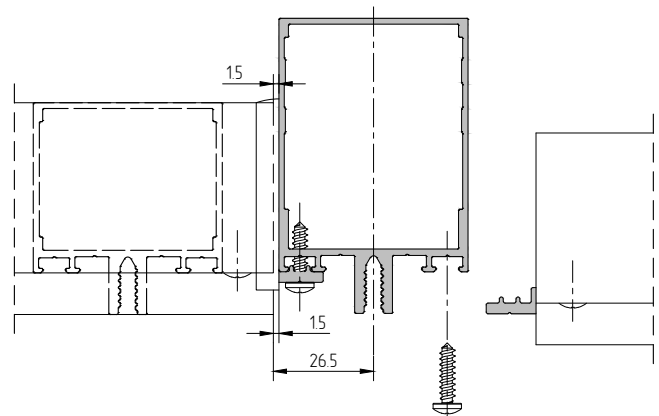
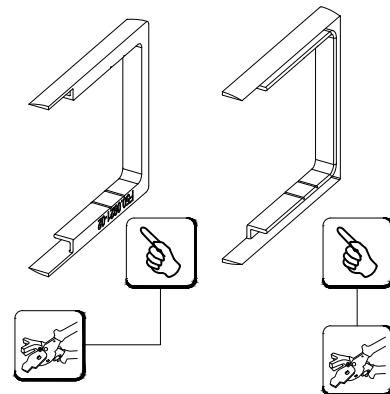
Without end plugs installation



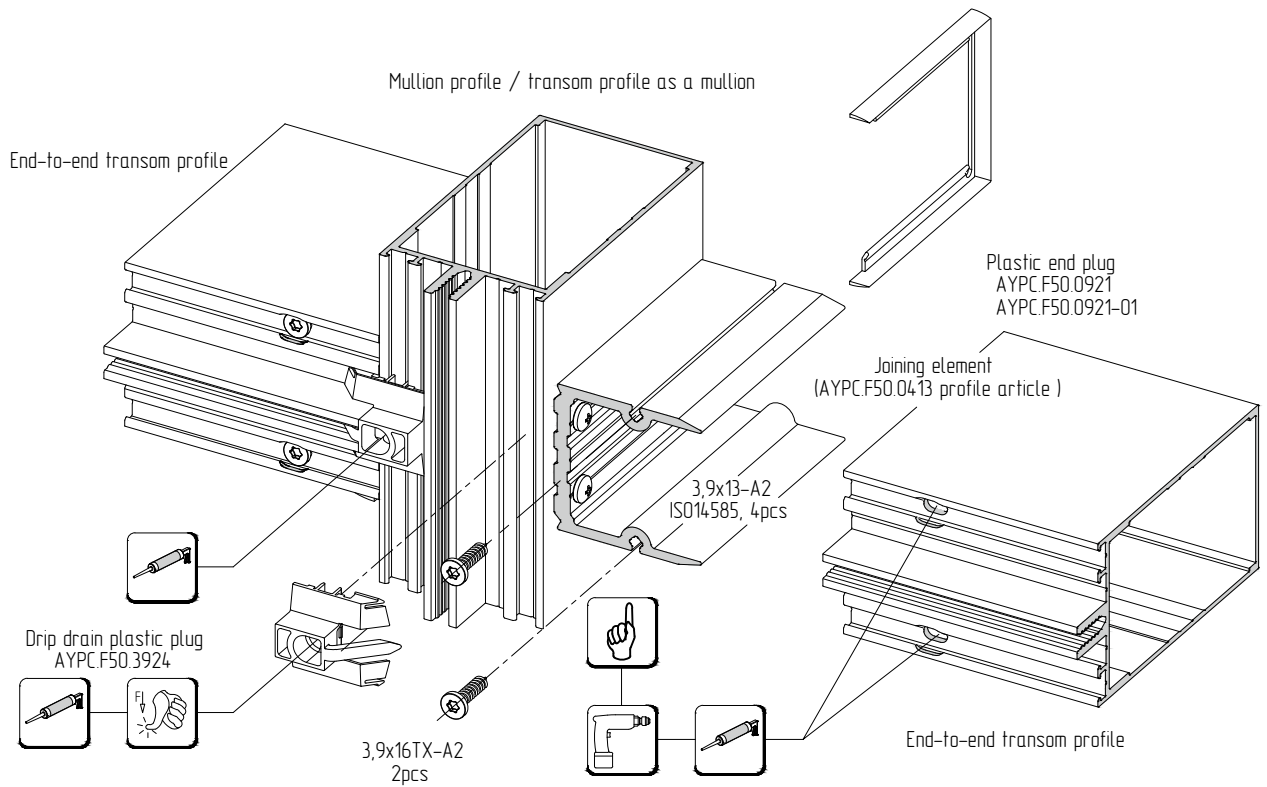
Option B - BC-15/B

With plastic end plugs installation

AYPC.F50.0921-02



Connection of transom profiles used as mullions and end-to-end transom profiles by means of one joining element



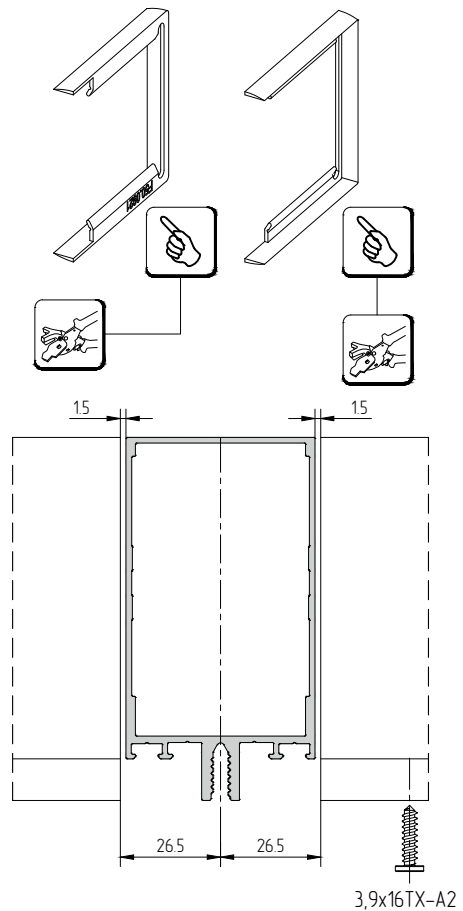
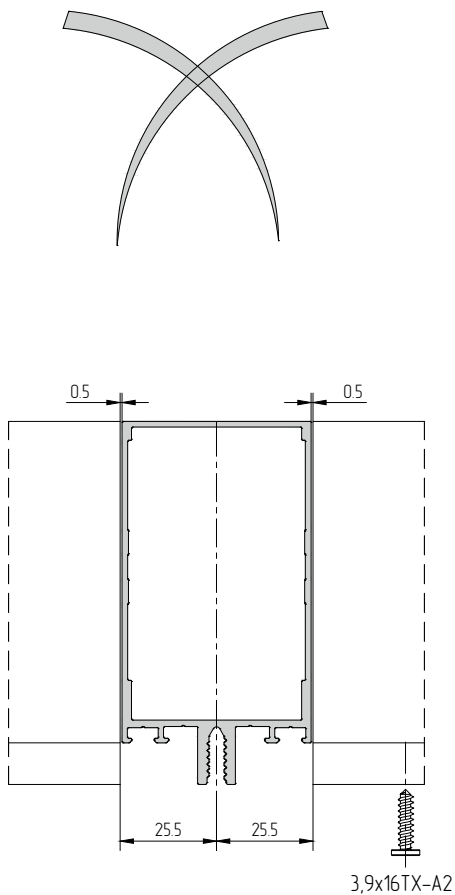
Option A  - BC-06/A

Without end plugs installation

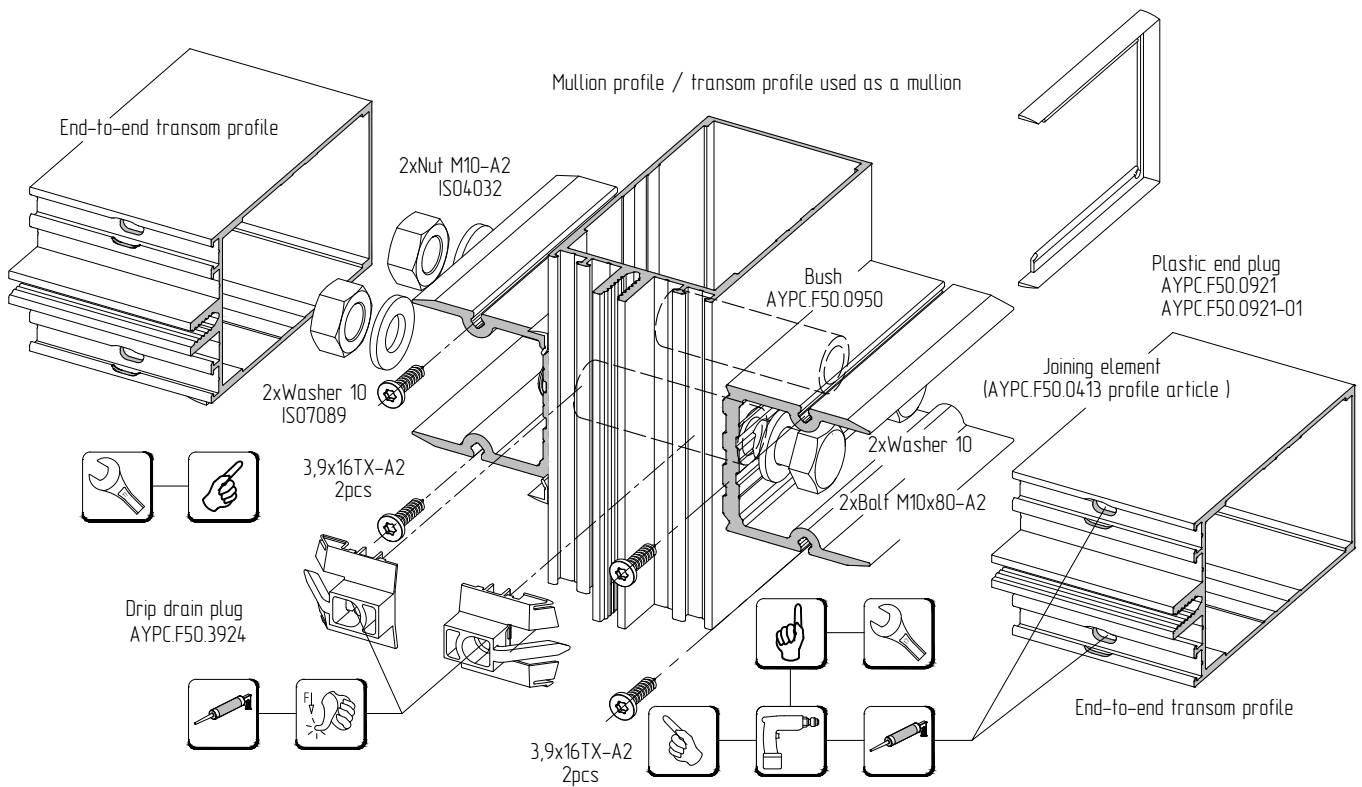
Option B  - BC-06/B

With plastic end plugs installation


AYPC.F50.0921 AYPC.F50.0921-01

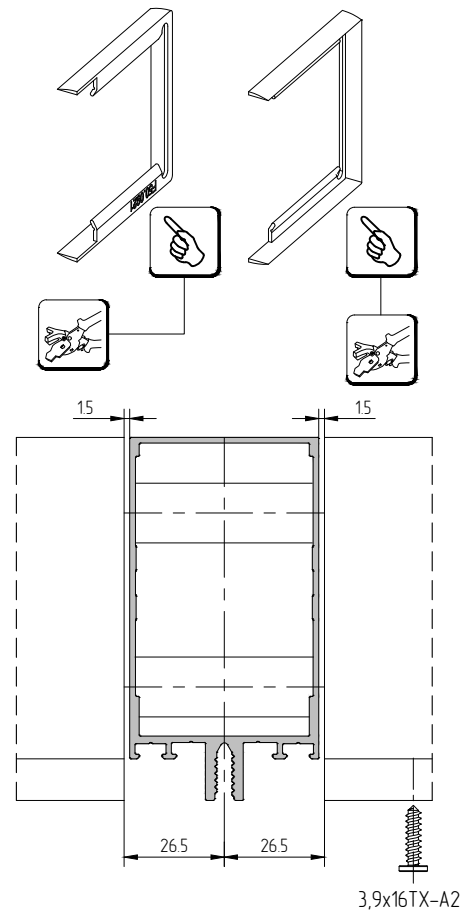
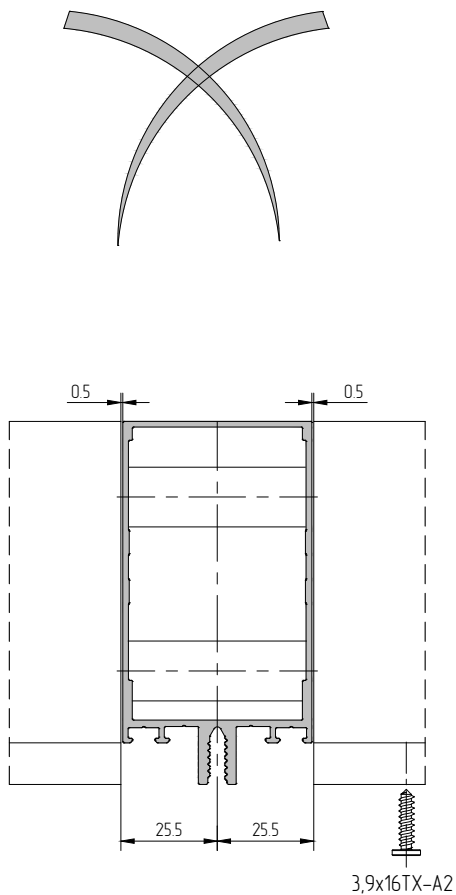


Connection of transom profiles used as mullions and end-to-end transom profiles by means of one joining element



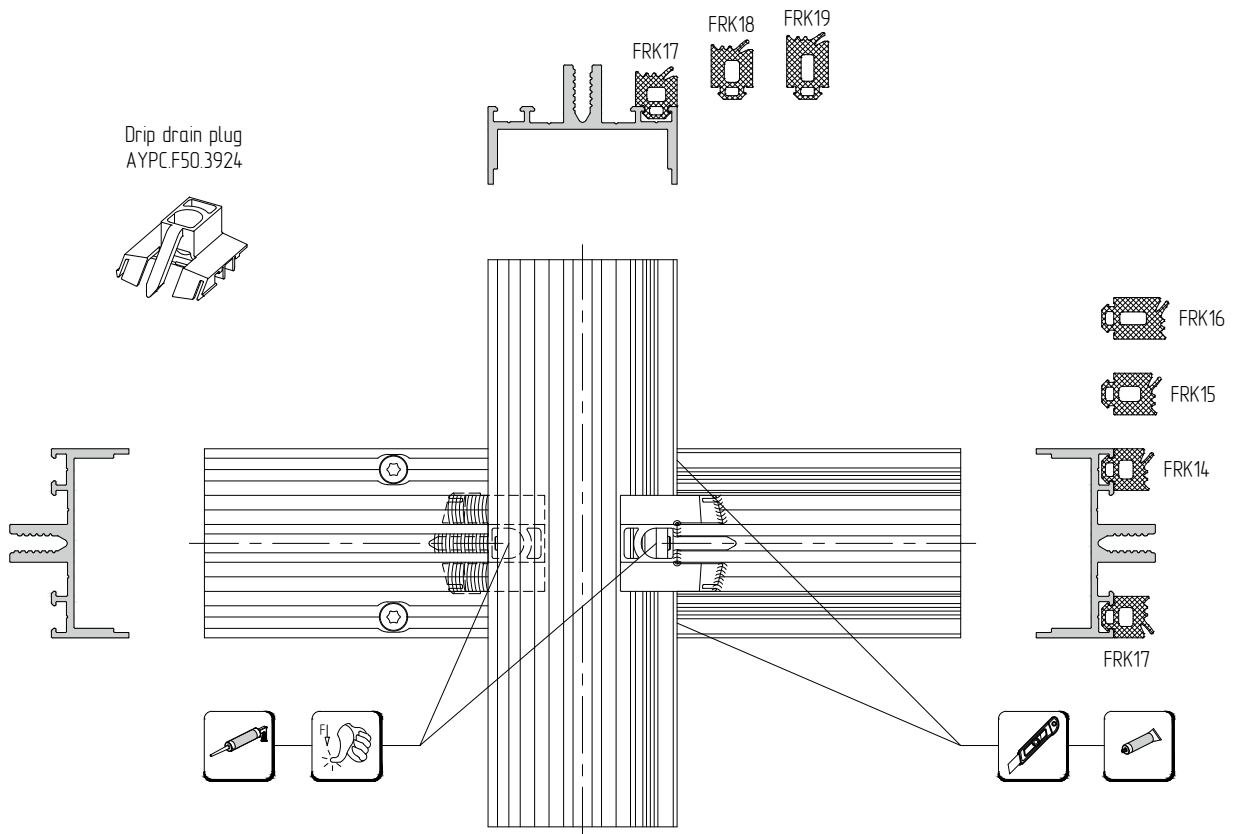
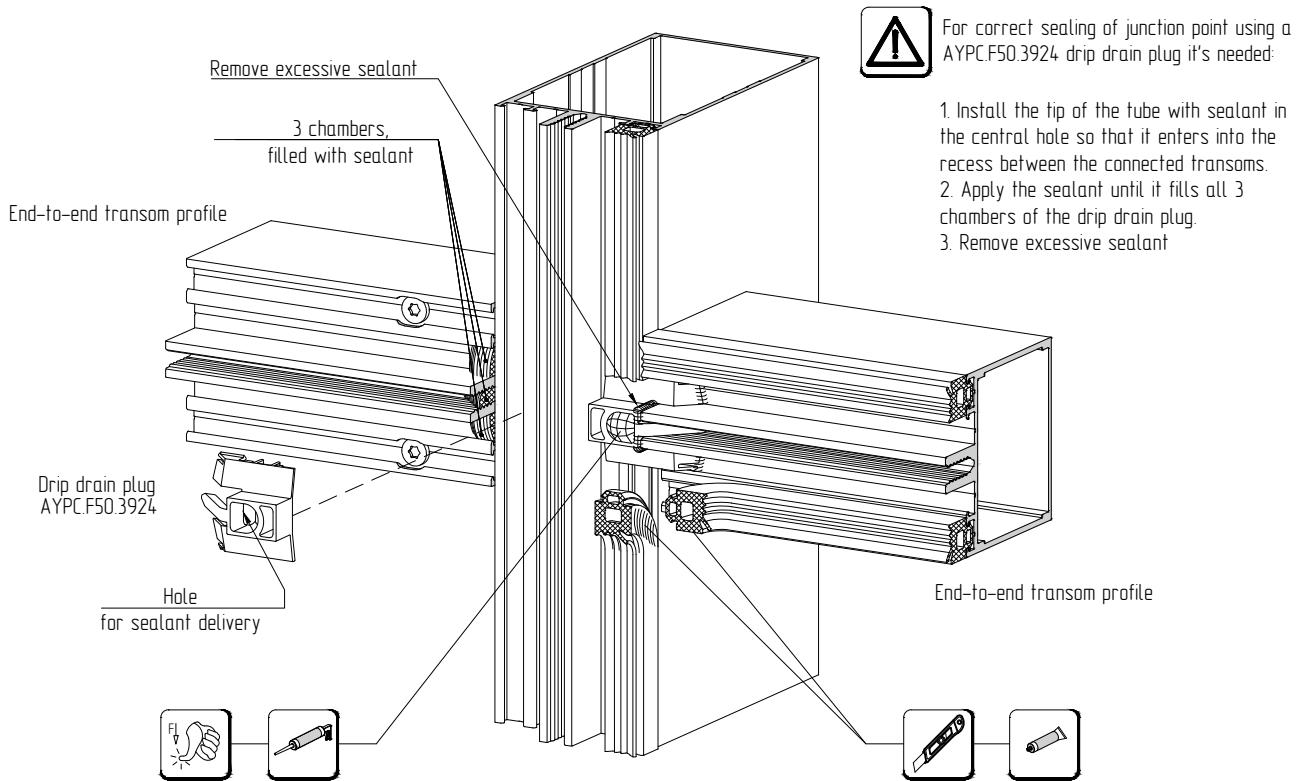
Option A  - BH-06/A
Without end plugs installation

Option B  - BH-06/B
With plastic end plugs installation
AYPC.F50.0921 | AYPC.F50.0921-01

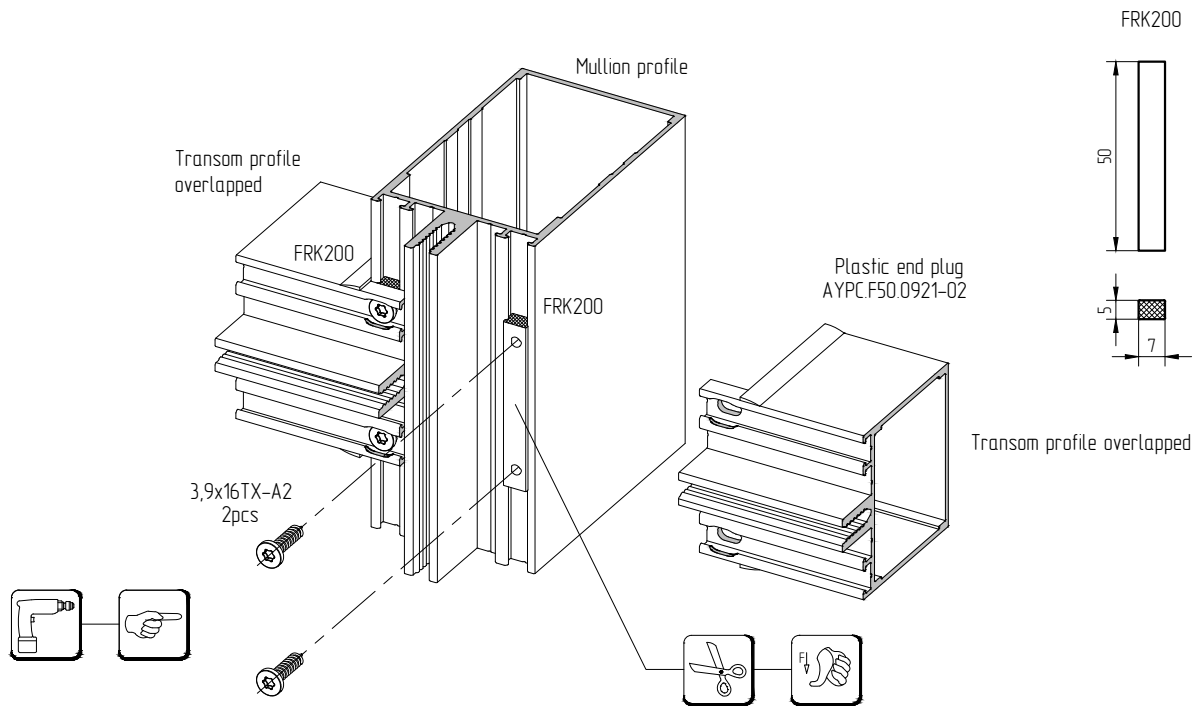


Installation and sealing of drip drain plug at connection of transom profiles used as mullions and end-to-end transom profiles by means of one joining element


Mullion profile / transom profile used as a mullion

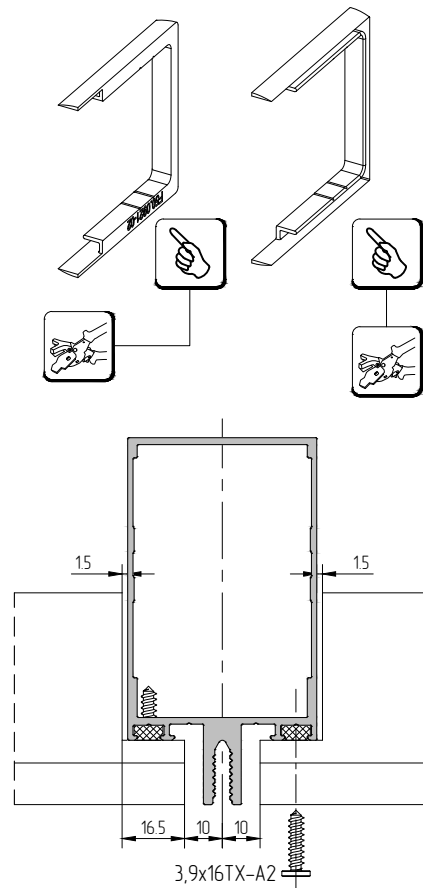
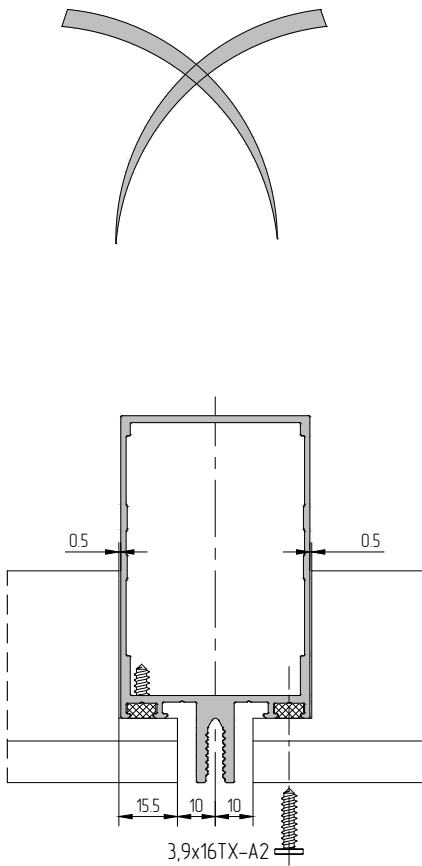


Overlapped connection of mullion and transom profiles without a joining element

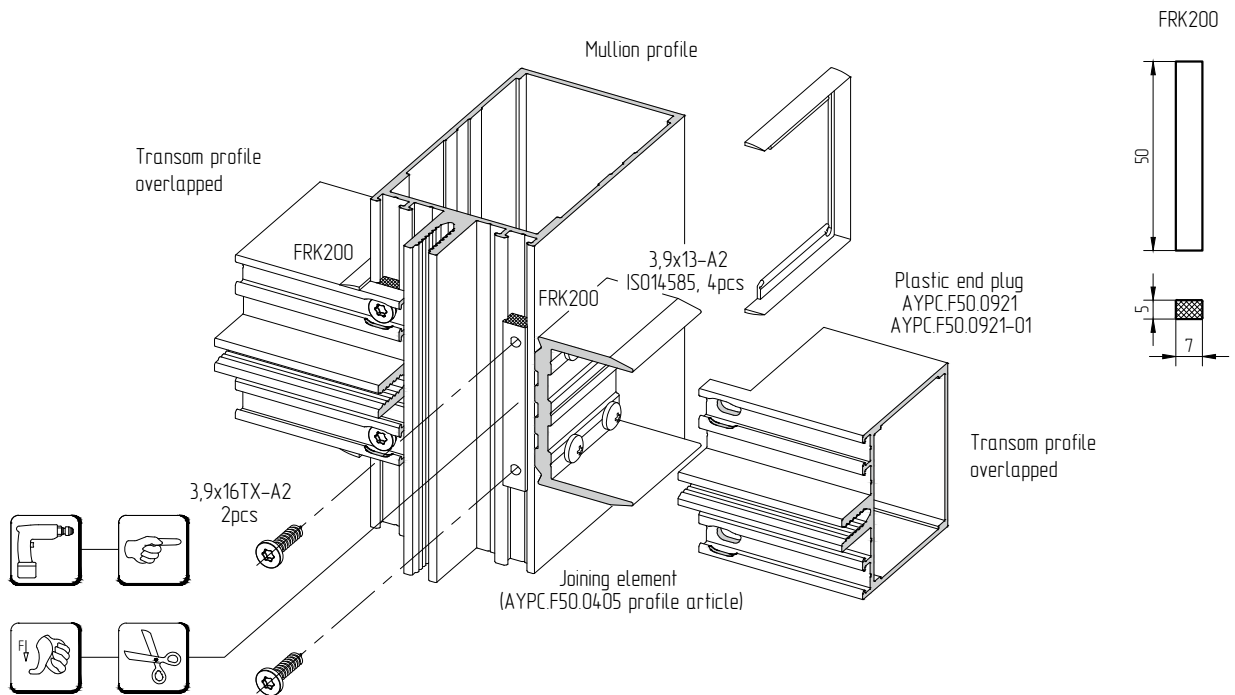


Option A  - BH-01/A
Without end plugs installation

Option B  - BH-01/B
With plastic end plugs installation
AYPC.F50.0921-02



Overlapped connection of mullion and transom profiles by means of one joining element



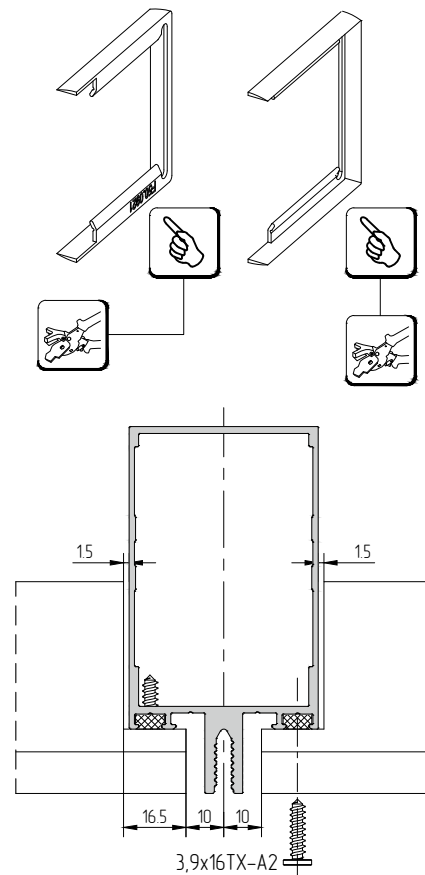
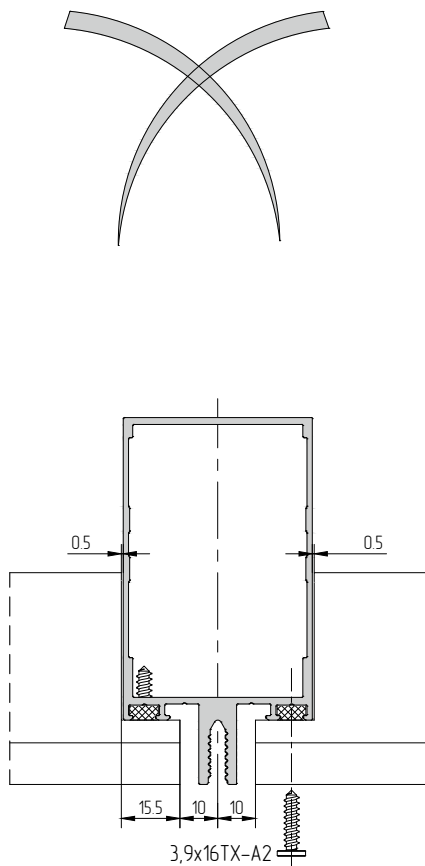
Option A **AluPro - BH-03/A**

Without end plugs installation

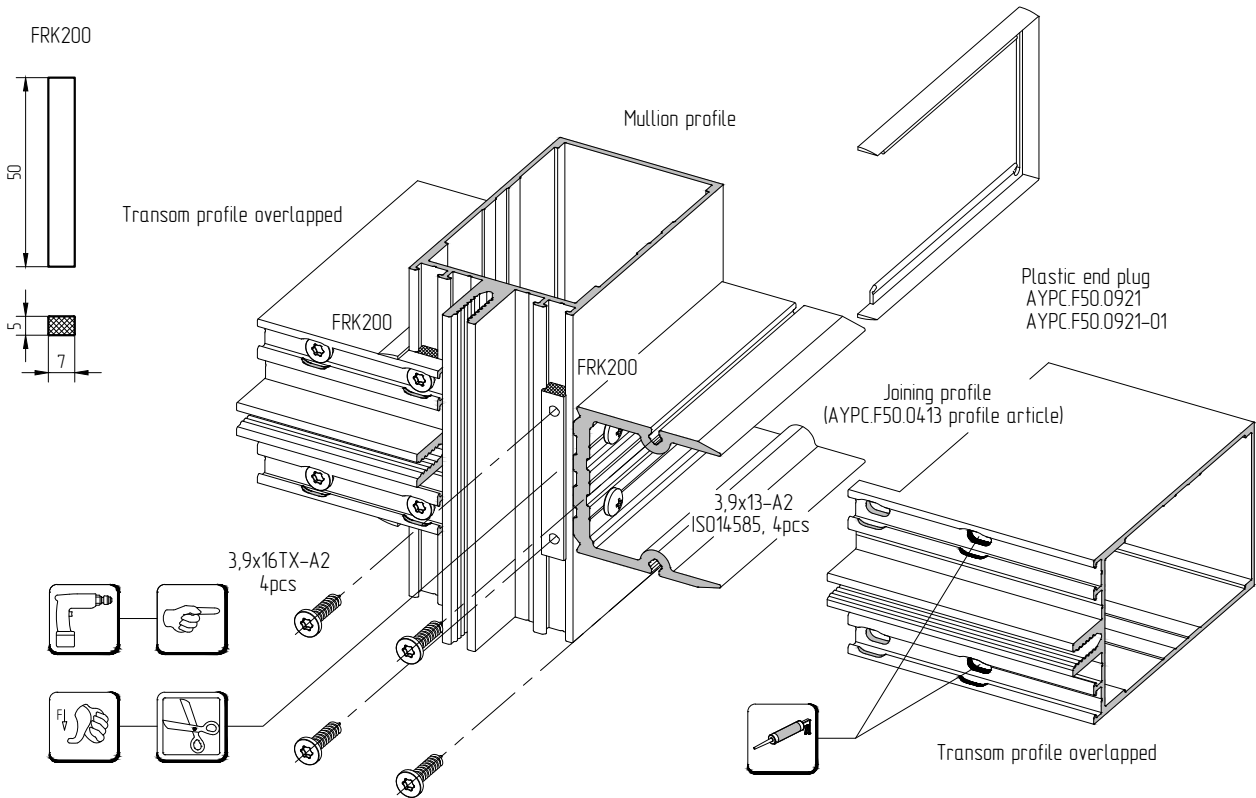
Option B **AluPro - BH-03/B**

With plastic end plugs installation

AYPC.F50.0921 AYPC.F50.0921-01

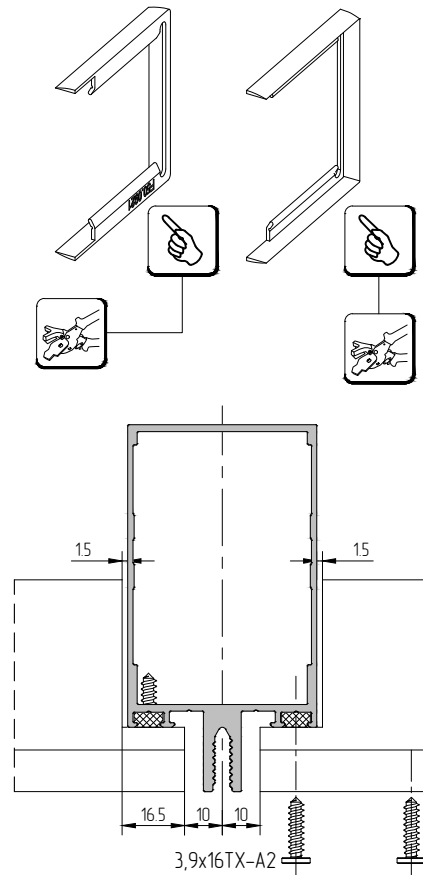
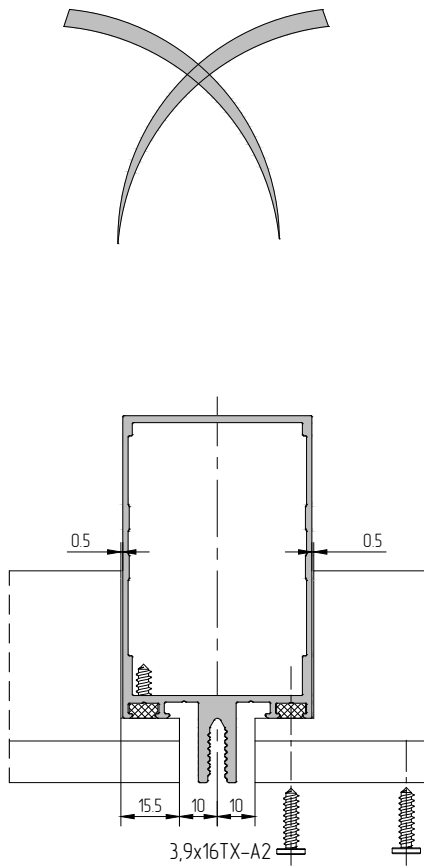


Overlapped connection of mullion and transom profiles by means of one joining element

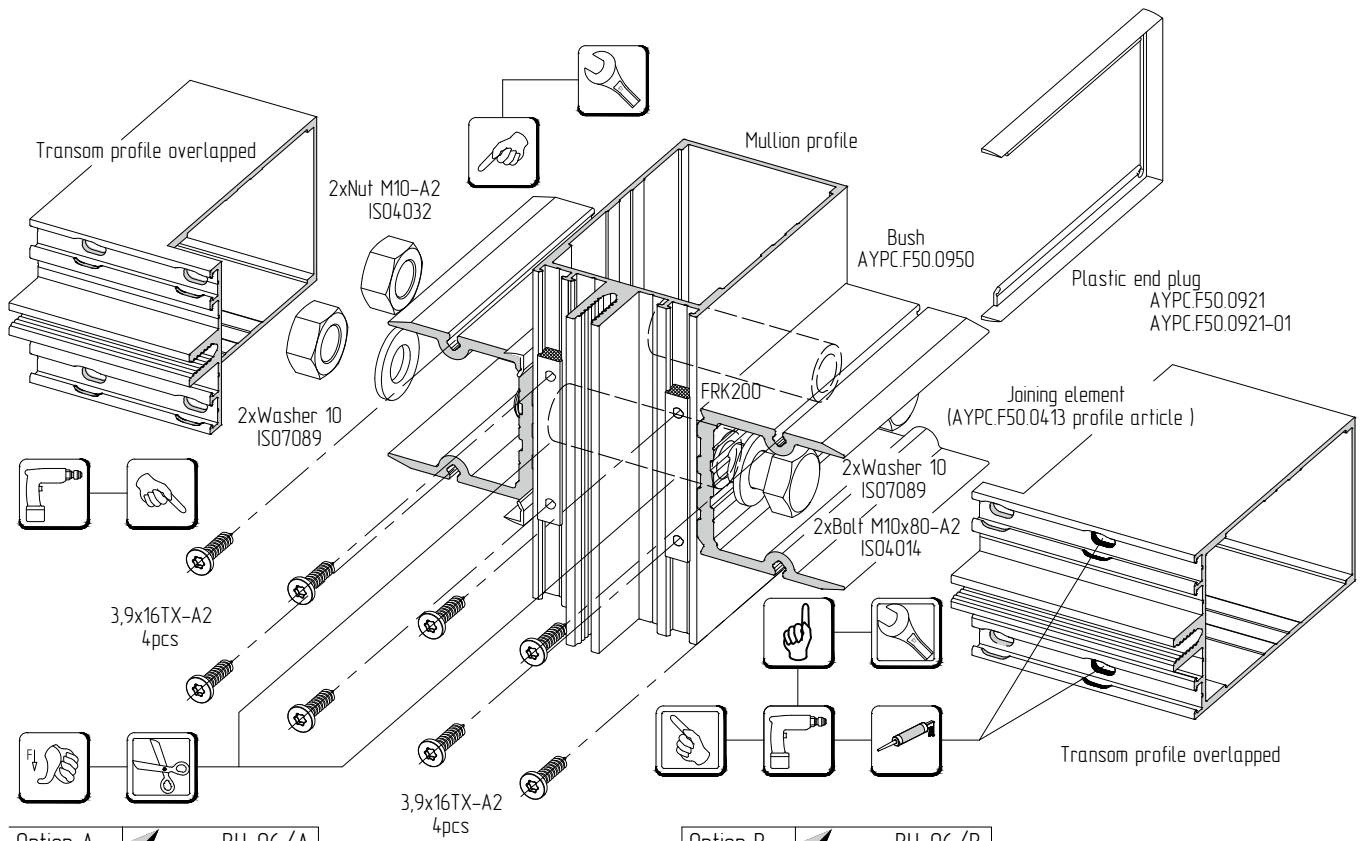


Option A - BH-06/A
Without end plugs installation

Option B - BH-06/B
With plastic end plugs installation
AYPC.F50.0921 | AYPC.F50.0921-01

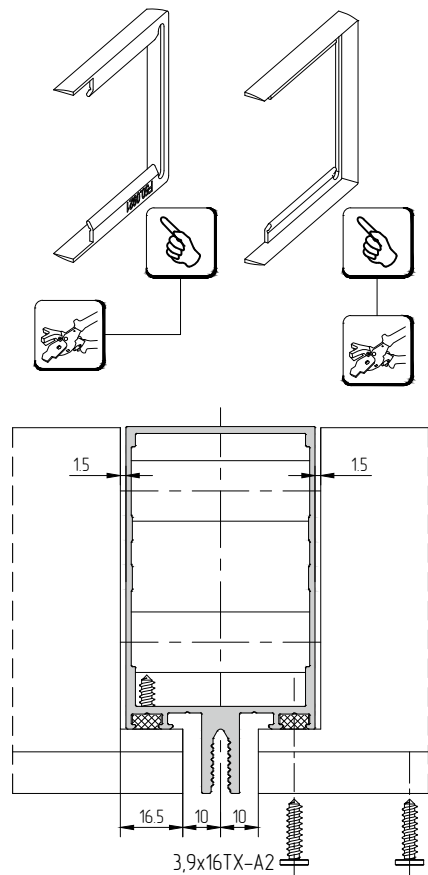
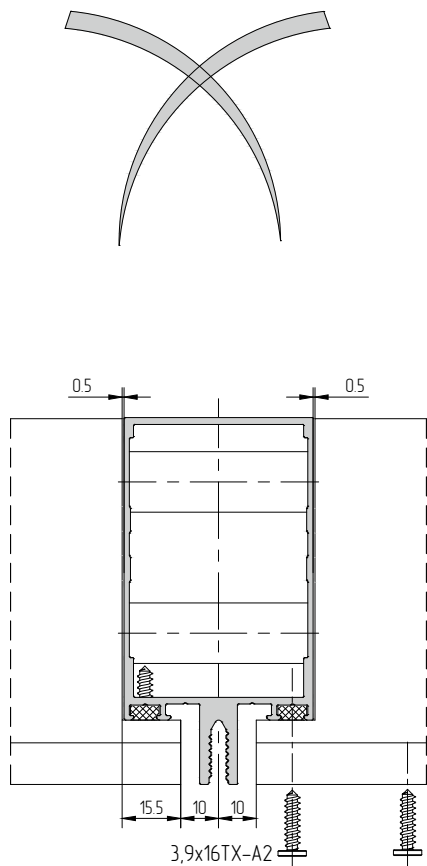


Overlapped connection of mullion and transom profiles by means of one joining element

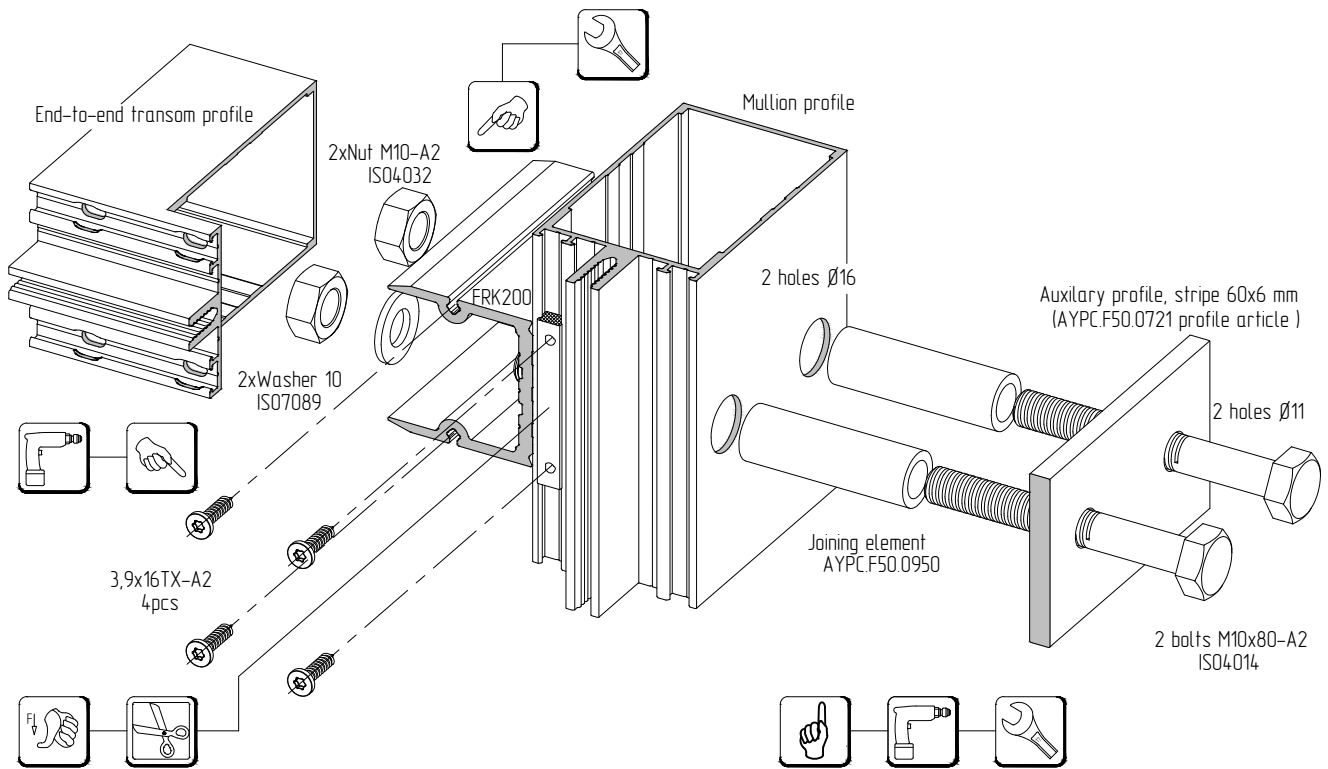


Option A - BH-06/A
Without end plugs installation

Option B - BH-06/B
With plastic end plugs installation
AYPC.F50.0921 | AYPC.F50.0921-01



Overlapped connection of mullion and transom profiles by means of one joining element



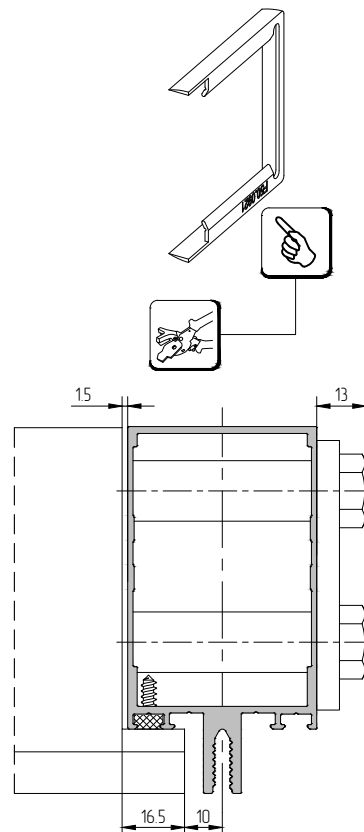
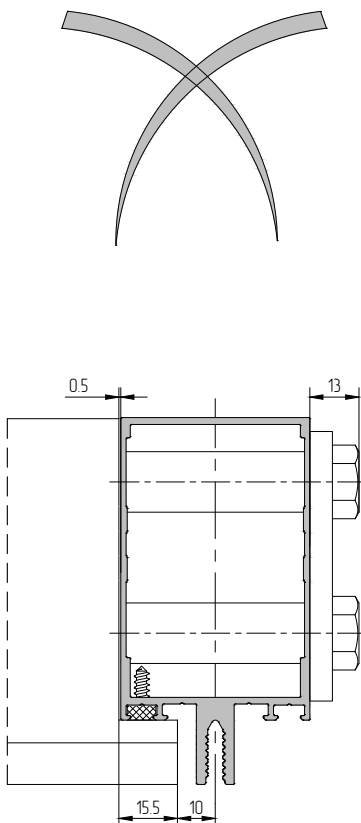
Option A AluPro - BH-06/A

Without end plugs installation

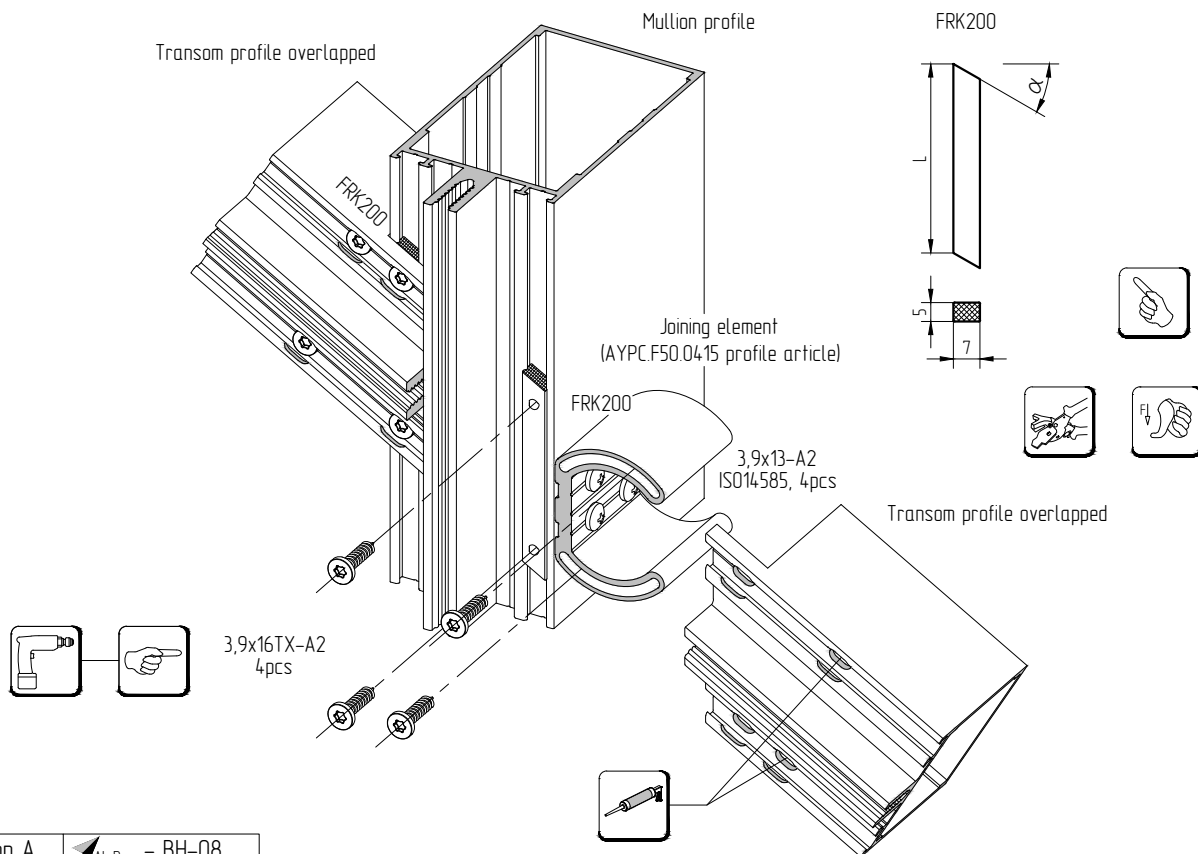
Option B AluPro - BH-06/B

With plastic end plugs installation

AYPC.F50.0921 | AYPC.F50.0921-01

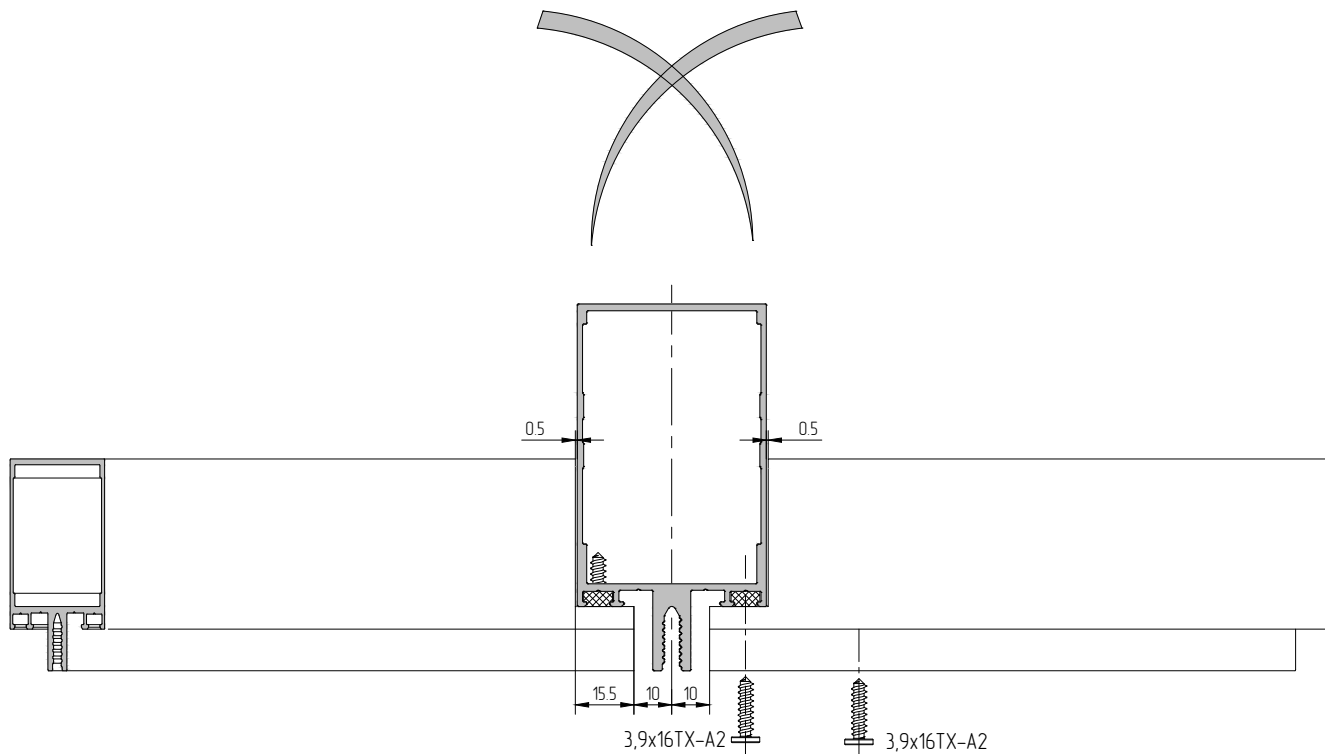


Overlapped connection of mullions and inclined transoms by means of one joining element

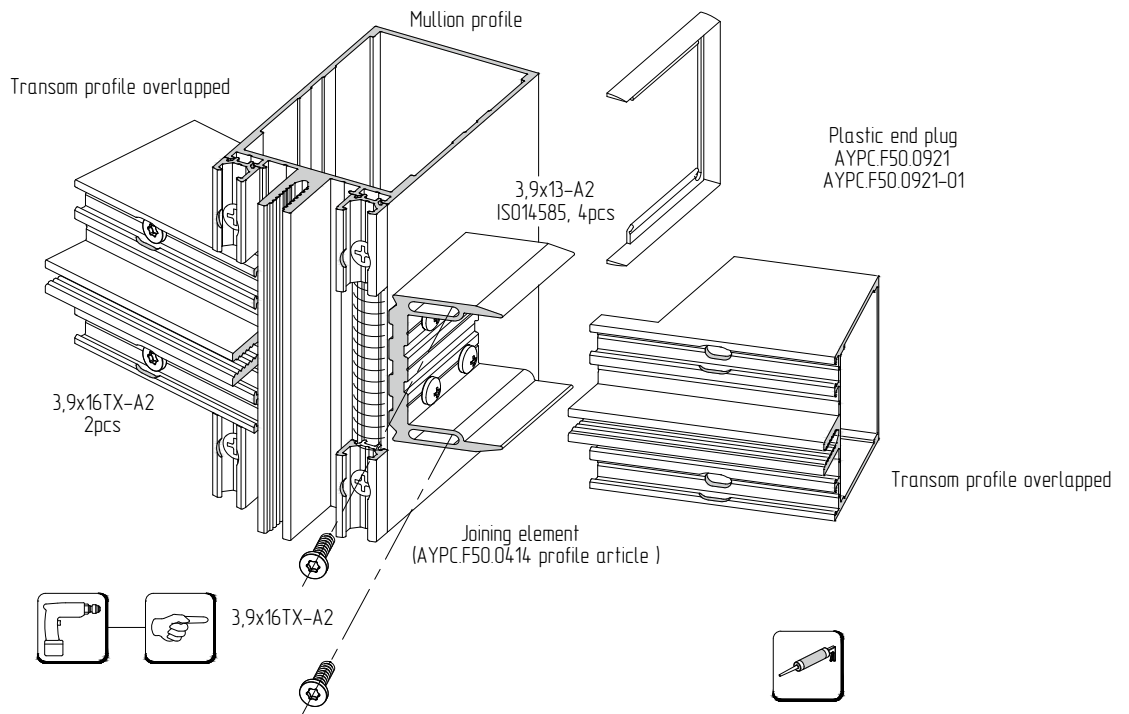


Option A  - BH-08

Without end plugs installation



Transom connection of mullions and transoms by means of one joining element



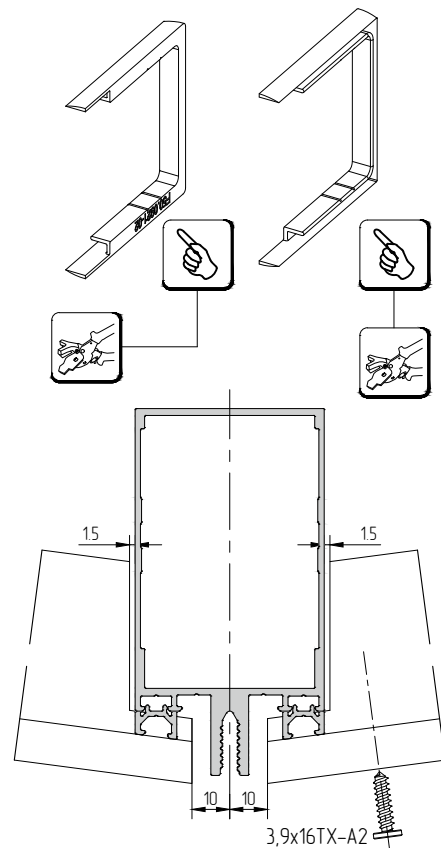
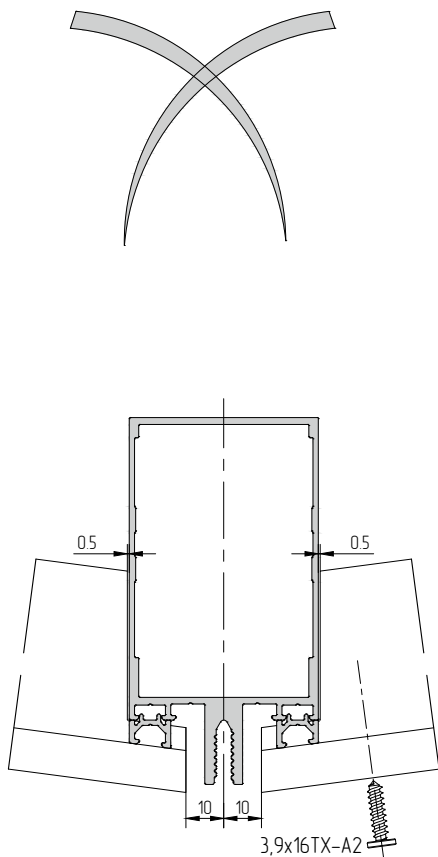
Option A **AluPro - BH-10/A**

Without end plugs installation

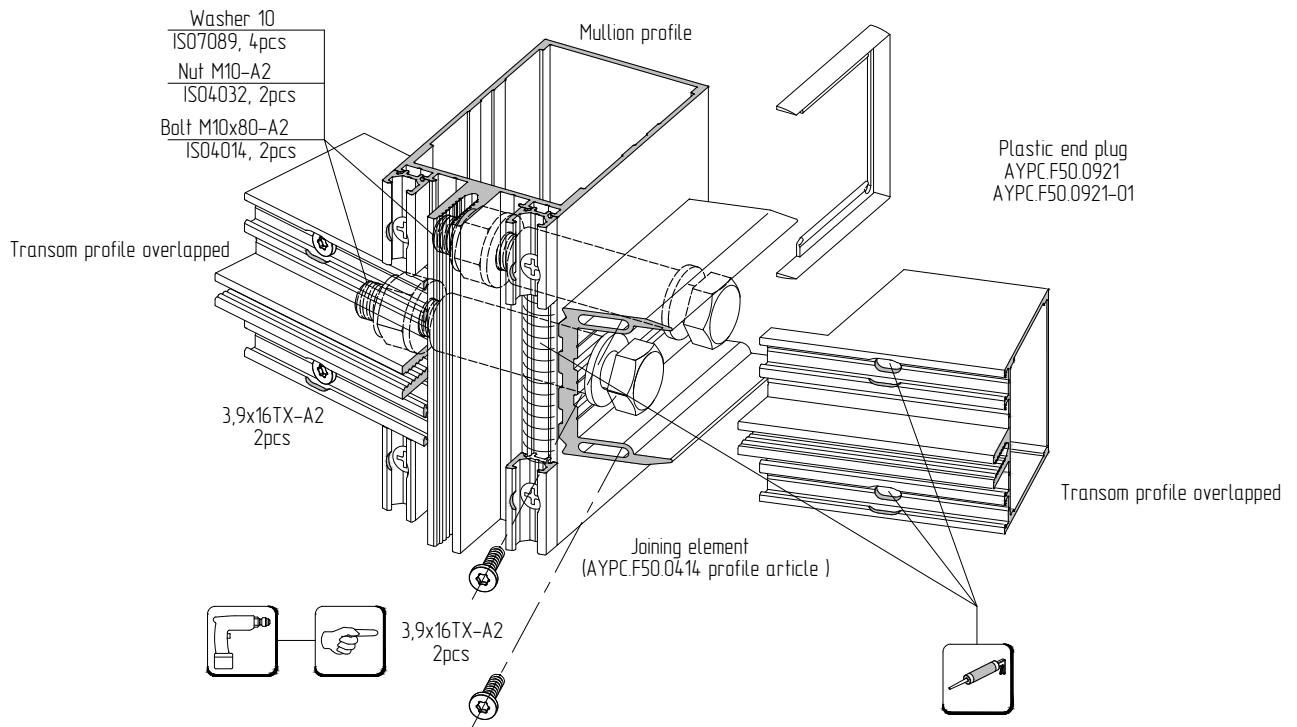
Option B **AluPro - BH-10/B**

With plastic end plugs installation

AYPC.F50.0921	AYPC.F50.0921-01
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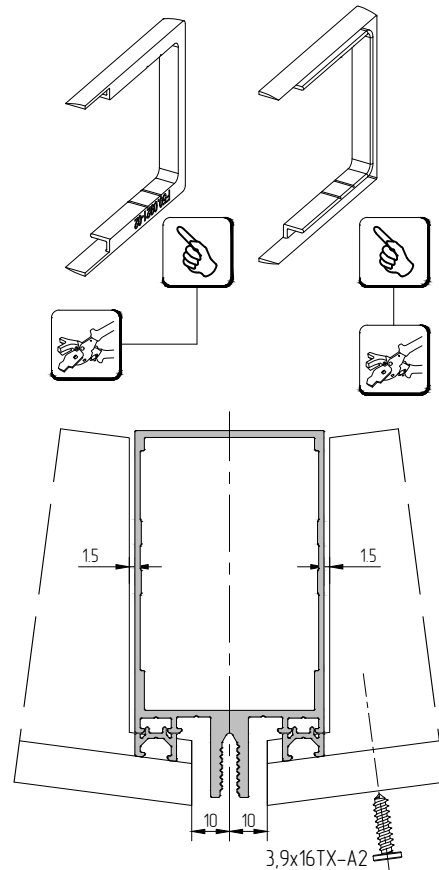
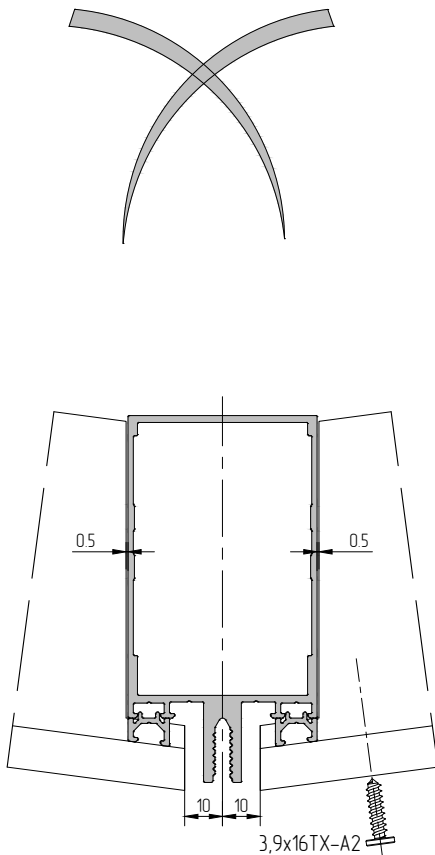


Overlapped connection of mullions and transoms by means of one joining element

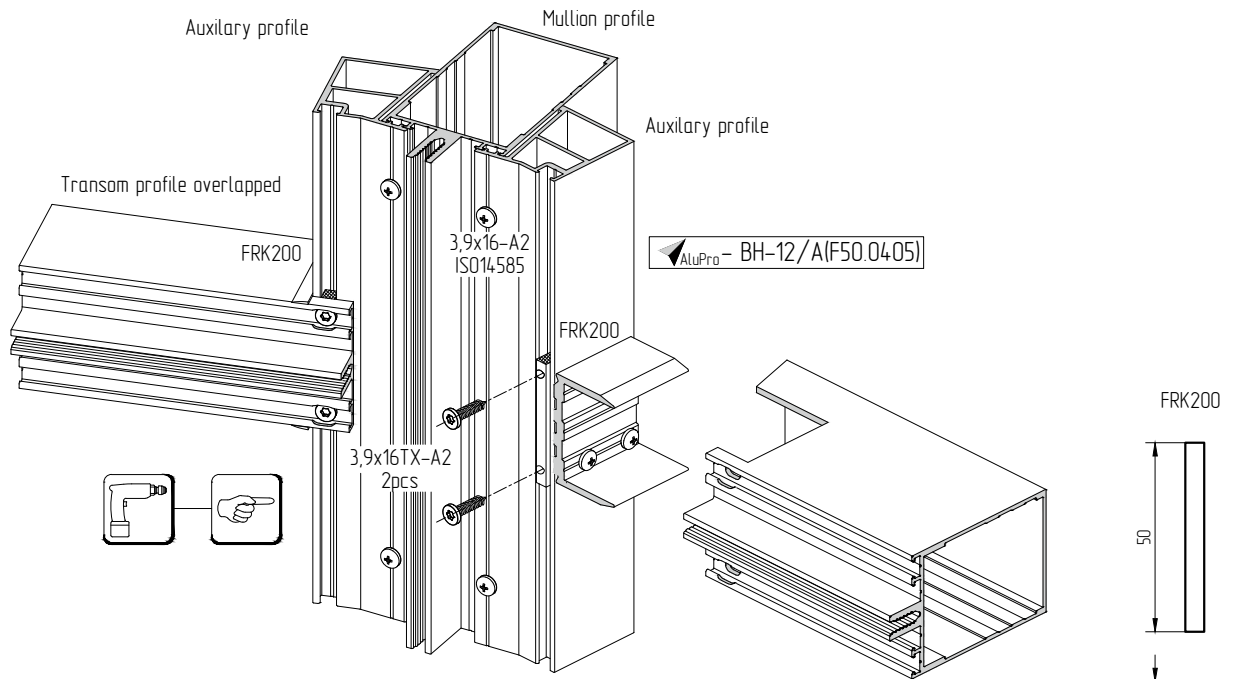
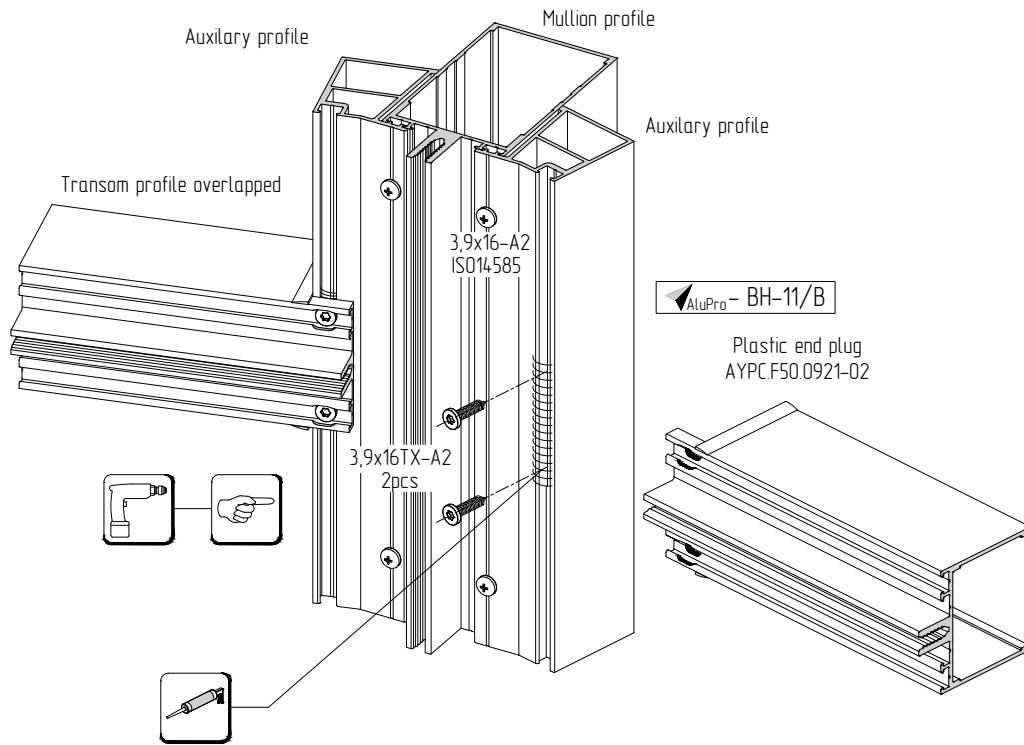


Option A  - BH-10/A+
Without end plugs installation

Option B  - BH-10/B+
With end plugs installation
AYPC.F50.0921 | AYPC.F50.0921-01

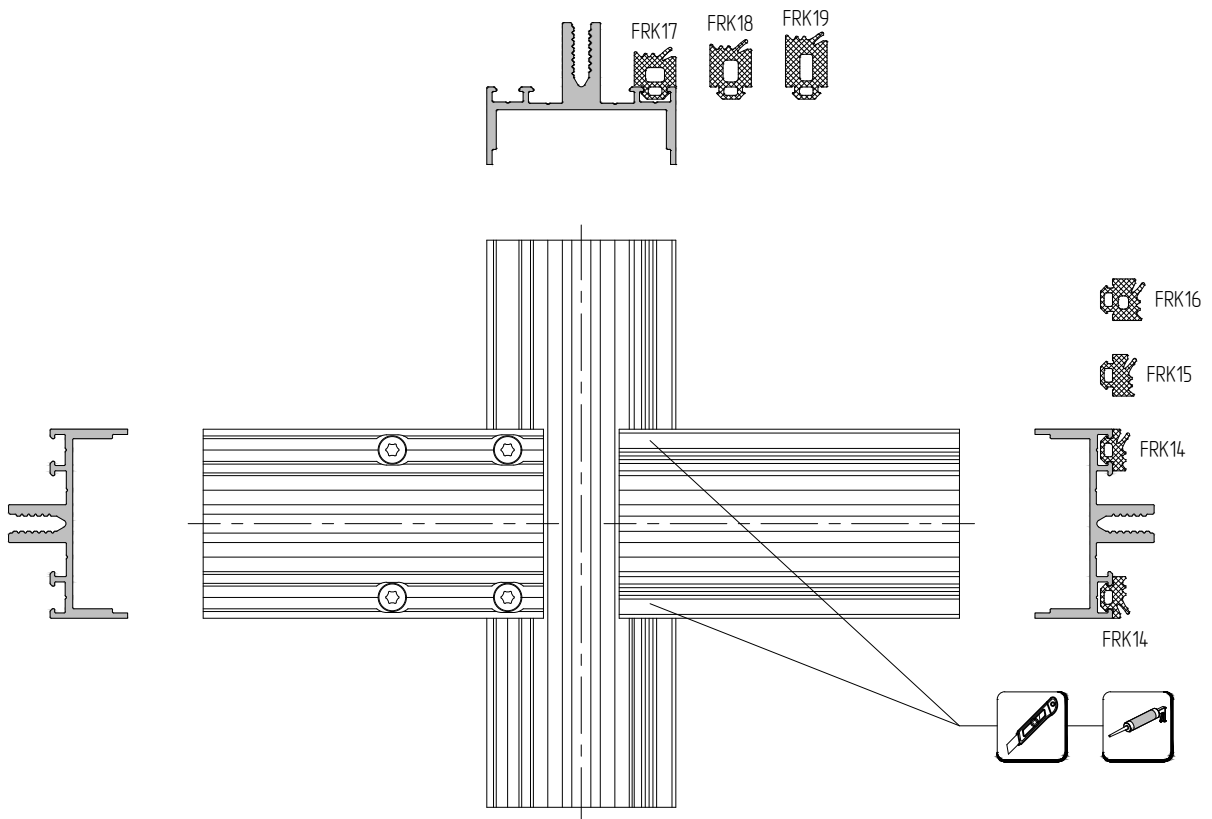
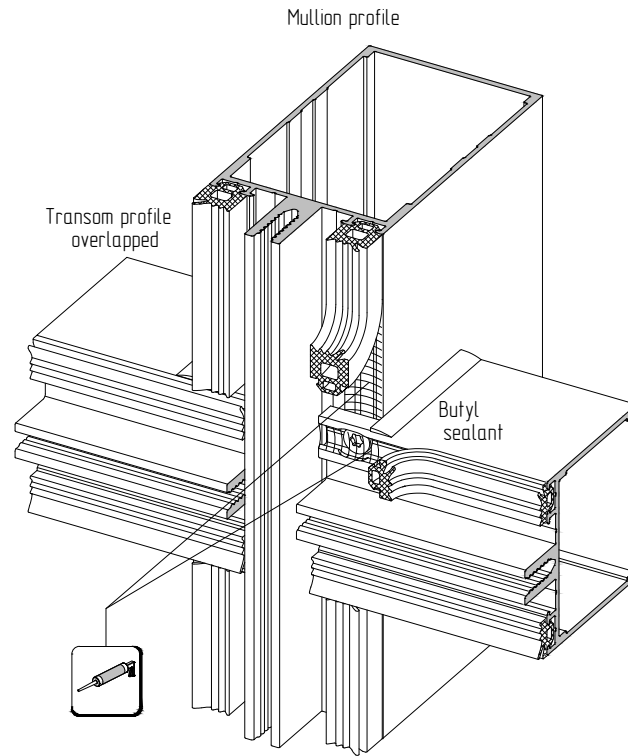


Overlappedh connection of mullions and transoms by means auxiliary profiles

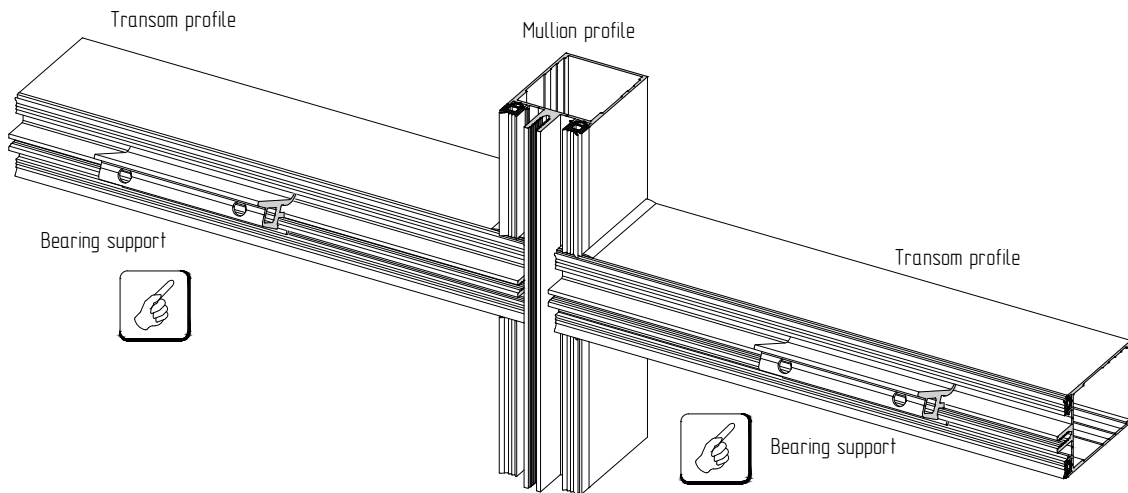


With fixed internal corners of rotation of the structure 90°, 120° and 150° it is allowed to use FRK200 gasket

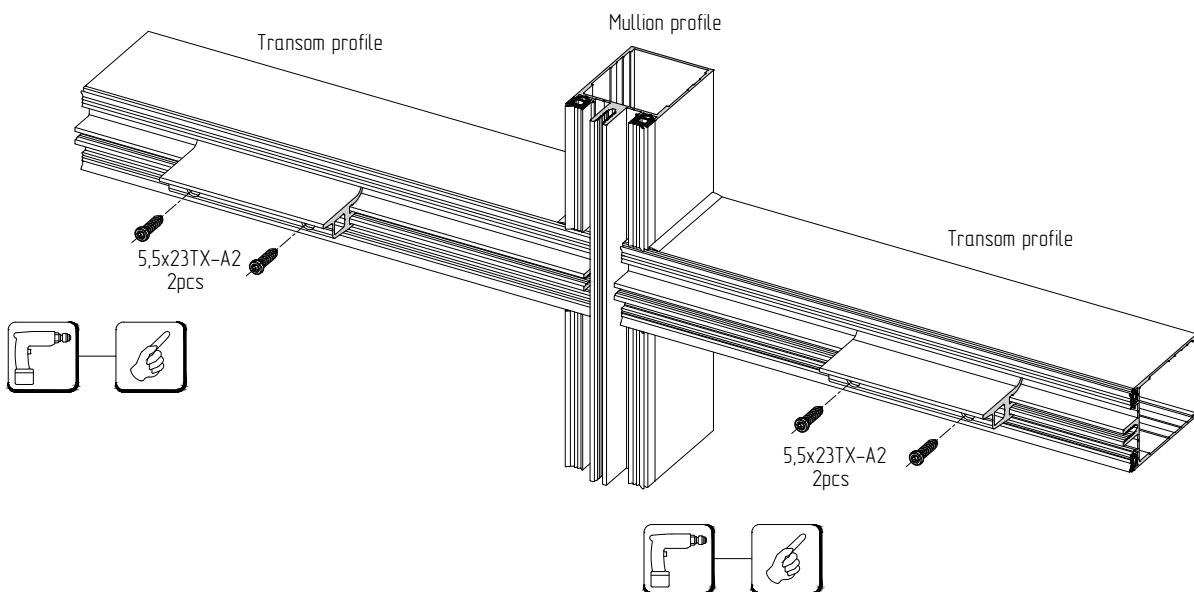
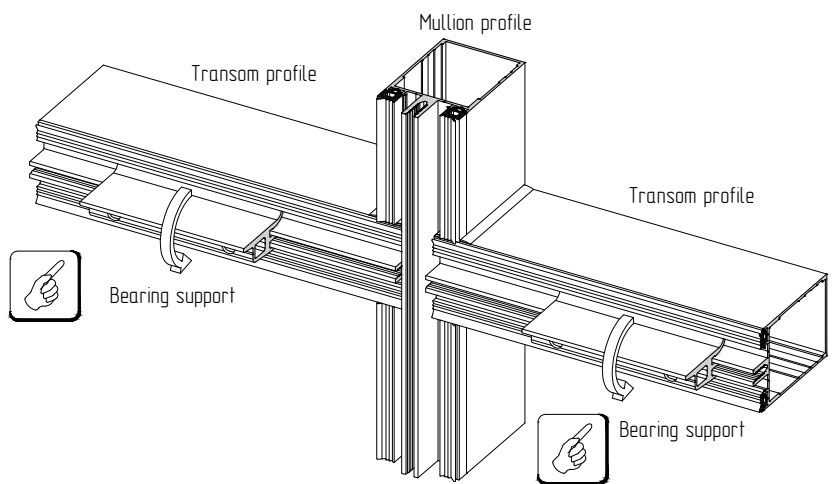
Installation of FRK14–FRK19 gaskets at overlapped connection of mullions and transoms



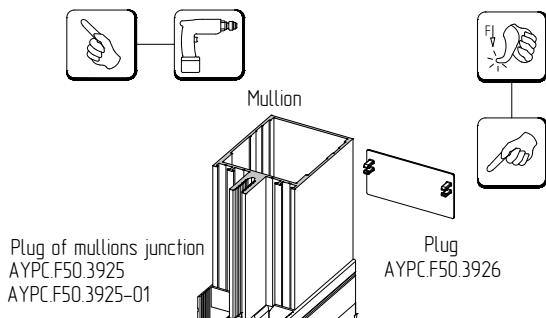
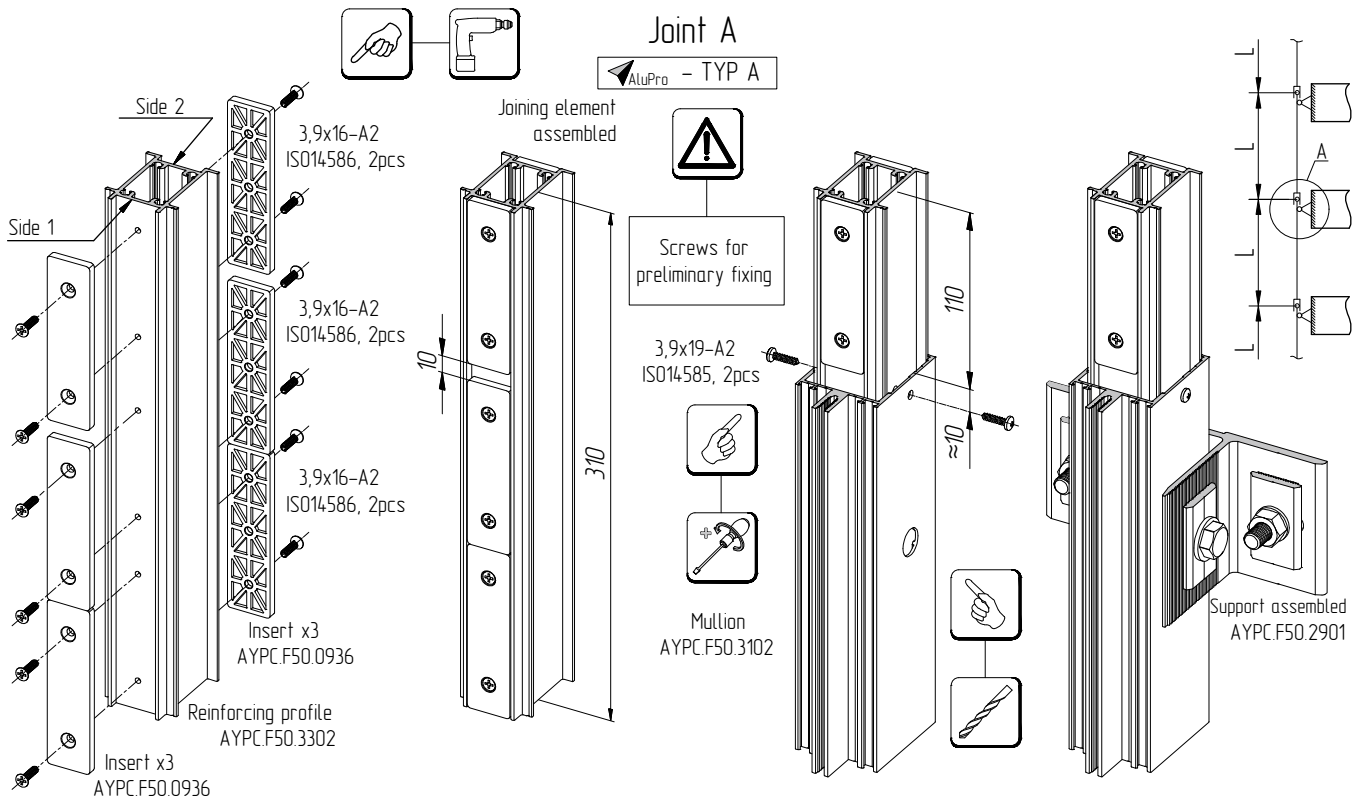
Sequence of installation of reinforced bearing supports for infill units with thickness of 28–62mm for a straight glass structure



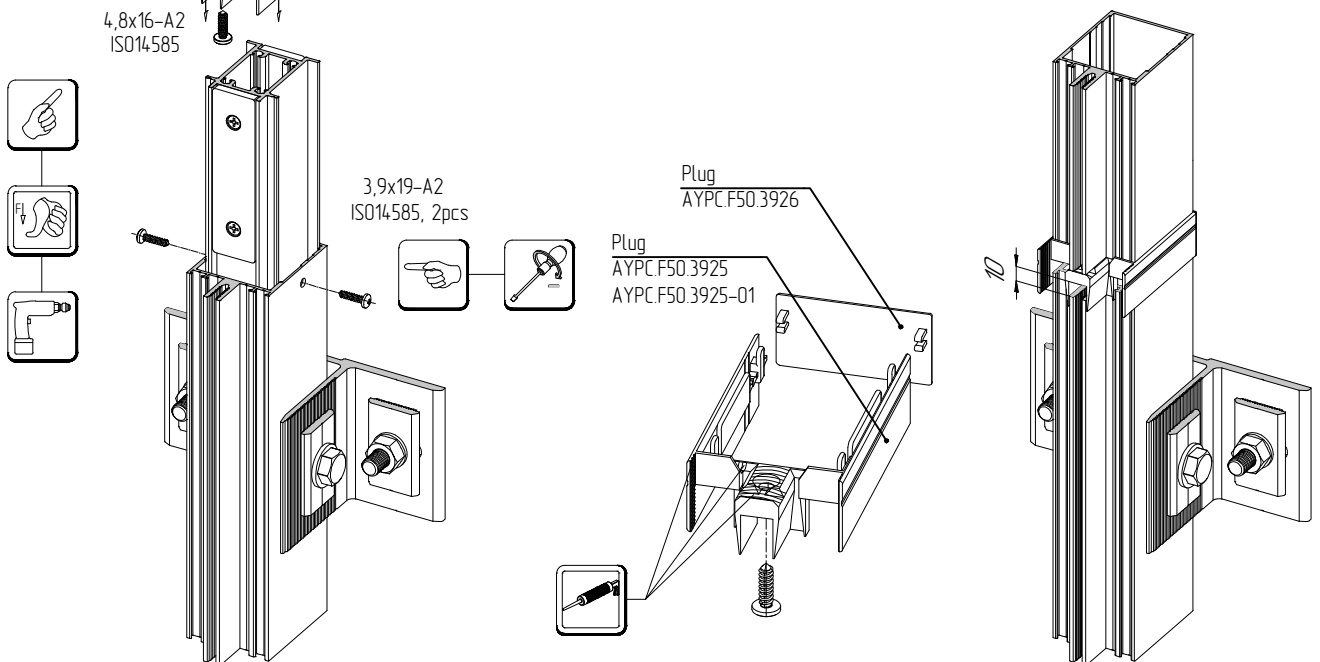
Infill unit thickness, mm	Article of bearing support	Self-tapp. screw for fixing
28–32	AYPC.F50.9971	5,5x23TX-A2
34–38	AYPC.F50.9972	
40–44	AYPC.F50.9973	
46–50	AYPC.F50.9974	
52–56	AYPC.F50.9975	
58–62	AYPC.F50.9976	



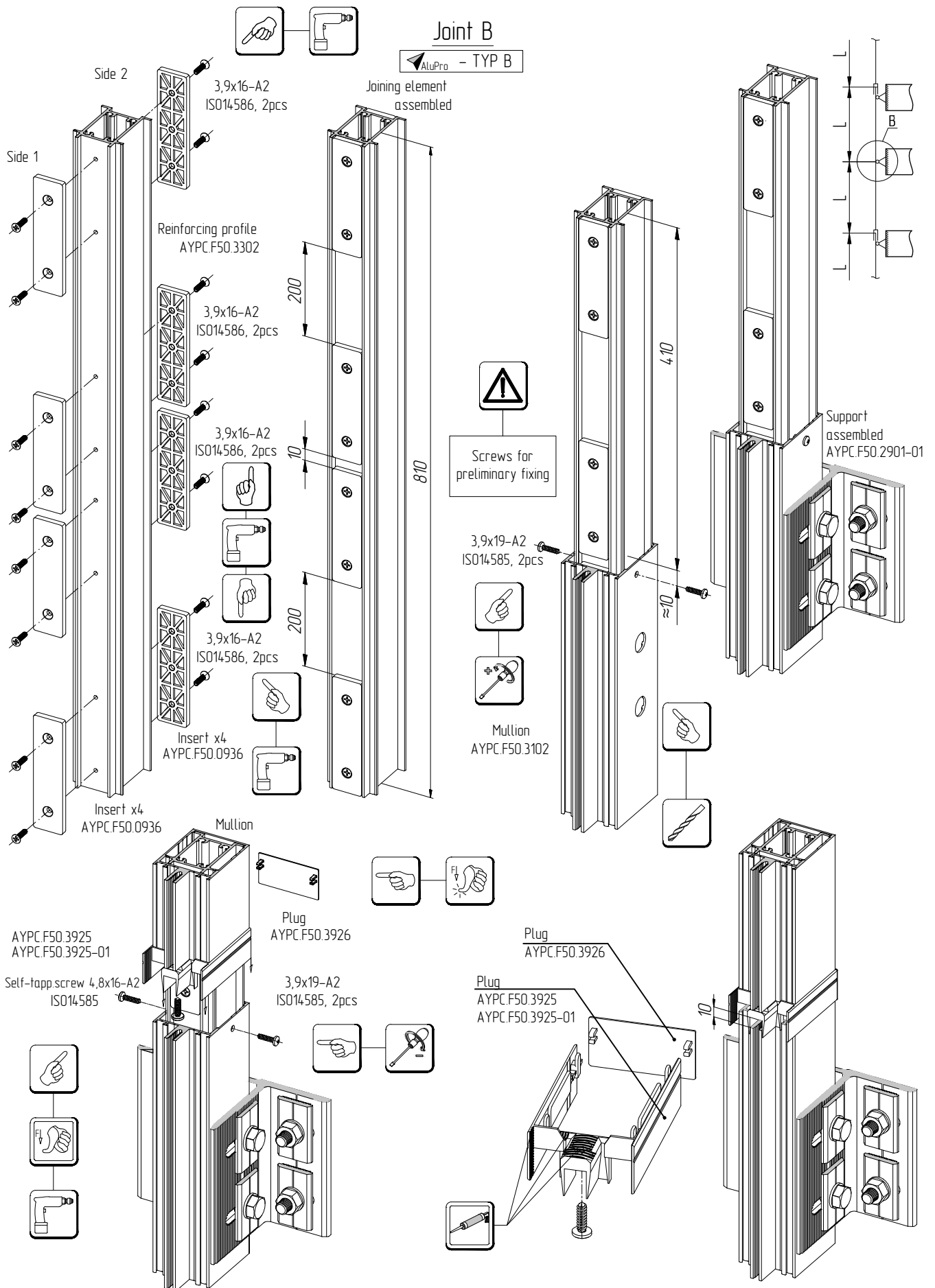
Sequence of assemblage of joint of two mullions fixing at height at single-span section scheme of glass structure fixing



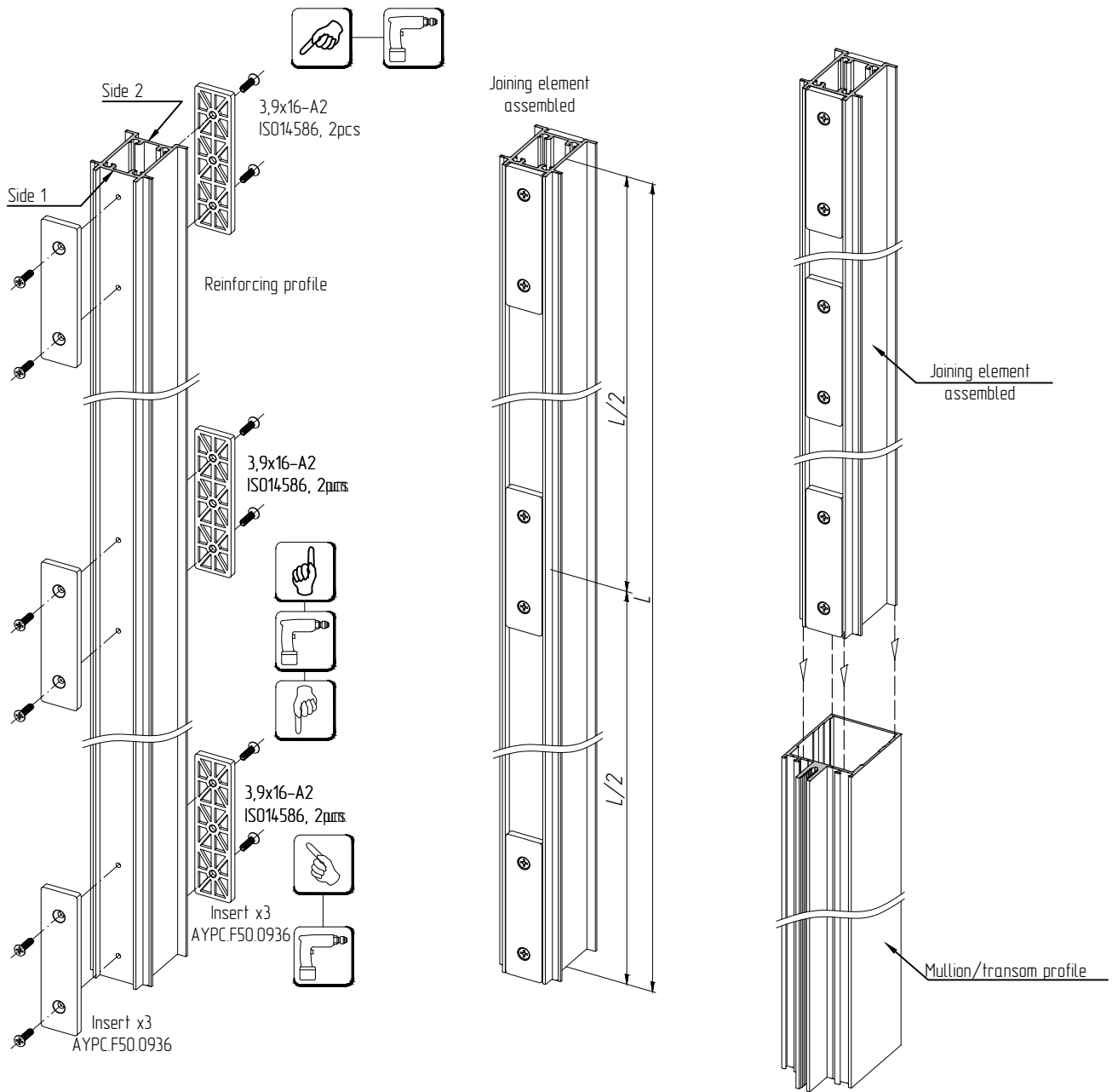
Typical size Mullion/Transom	Reinforcing profile		Distance insert AYPC.F50.0936 (Side 1 / Side 2)
	Mullion	Transom	
62/67	AYPC.F50.3302	AYPC.F50.3325	AYPC.F50.0936 (Side 1 / Side 2)
80/85	AYPC.F50.3303	AYPC.F50.3326	
100/105	AYPC.F50.3304	AYPC.F50.3327	
120/125	AYPC.F50.3305	AYPC.F50.3328	
140/145	AYPC.F50.3306	AYPC.F50.3329	
155/160	AYPC.F50.3307	AYPC.F50.3330	
170/175	AYPC.F50.3308	AYPC.F50.3331	
185/190	AYPC.F50.3309	AYPC.F50.3332	



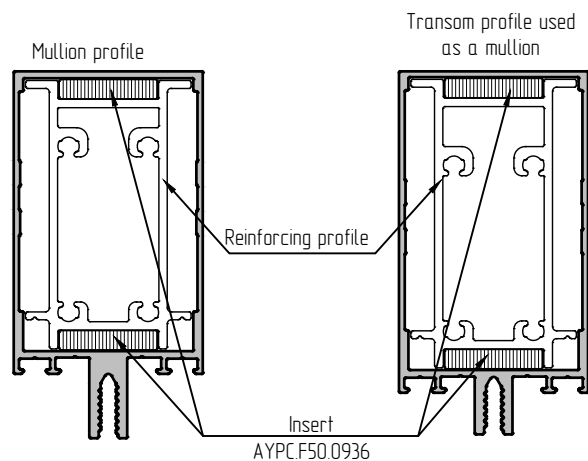
Sequence of assemblage of joint of two mullions fixing at height at multi-span non-sectional scheme of glass structure fixing



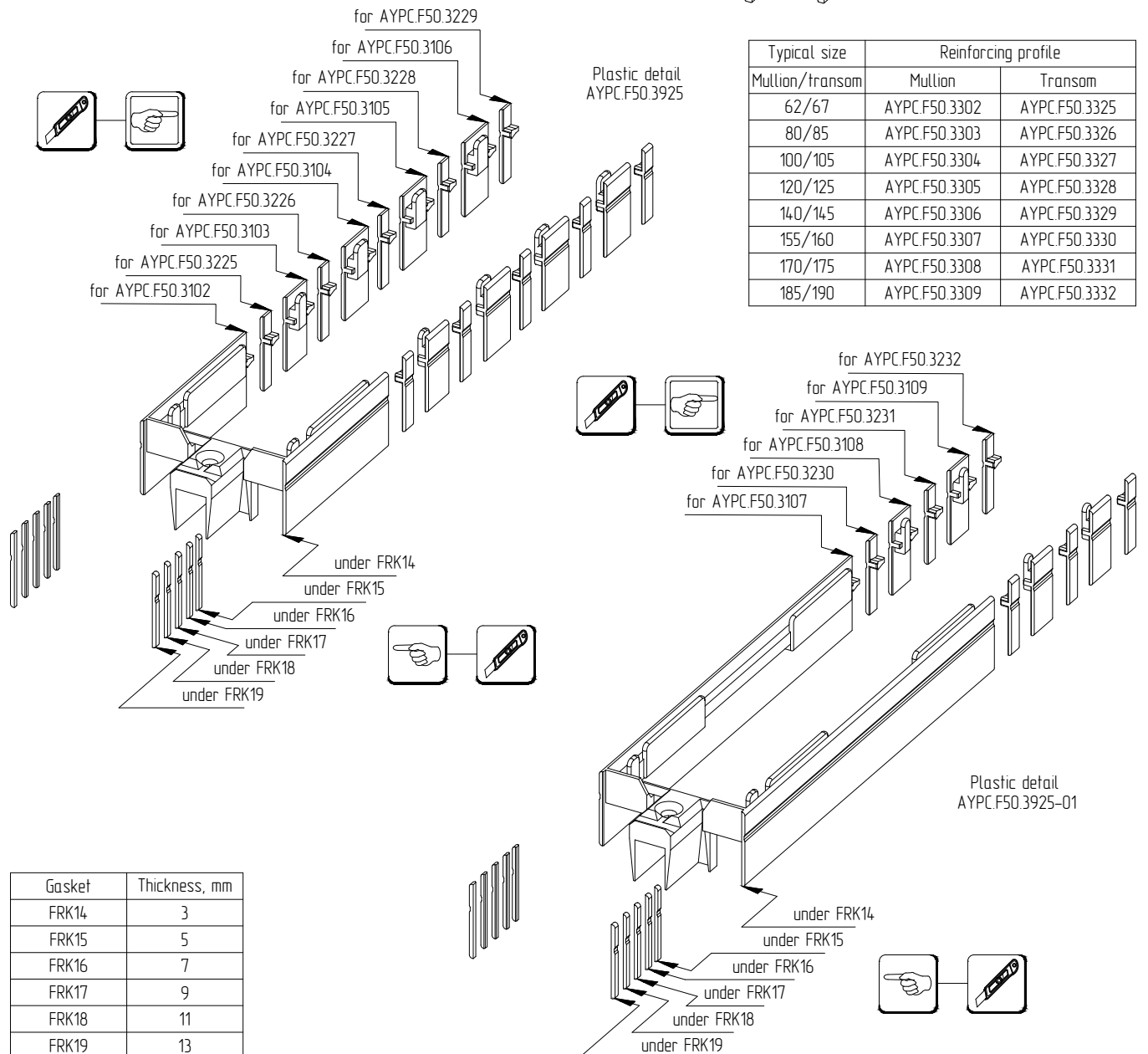
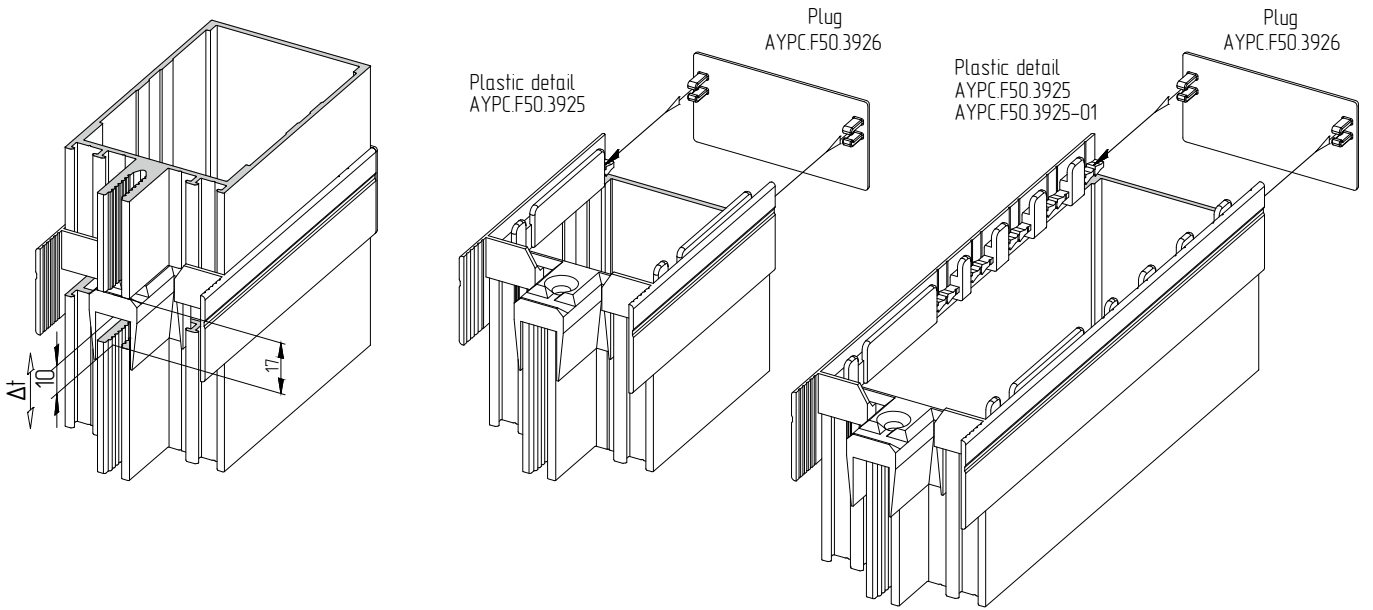
Sequence of assemblage of a joining element when it's used as a reinforcer for a mullion /transom as a mullion



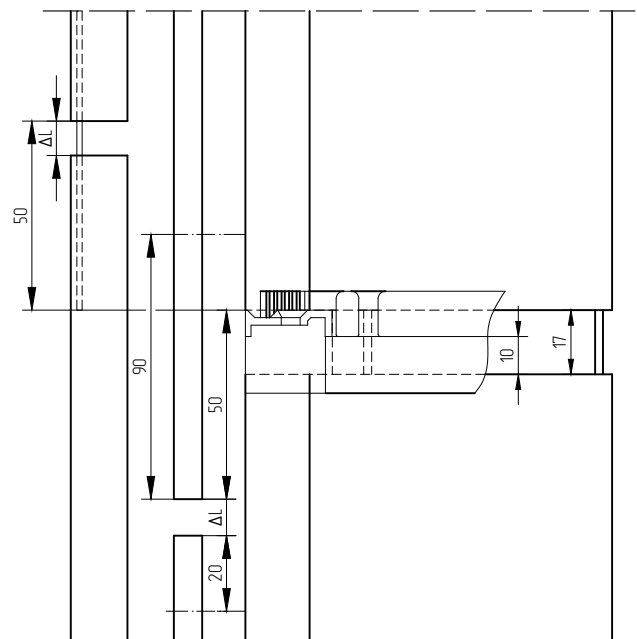
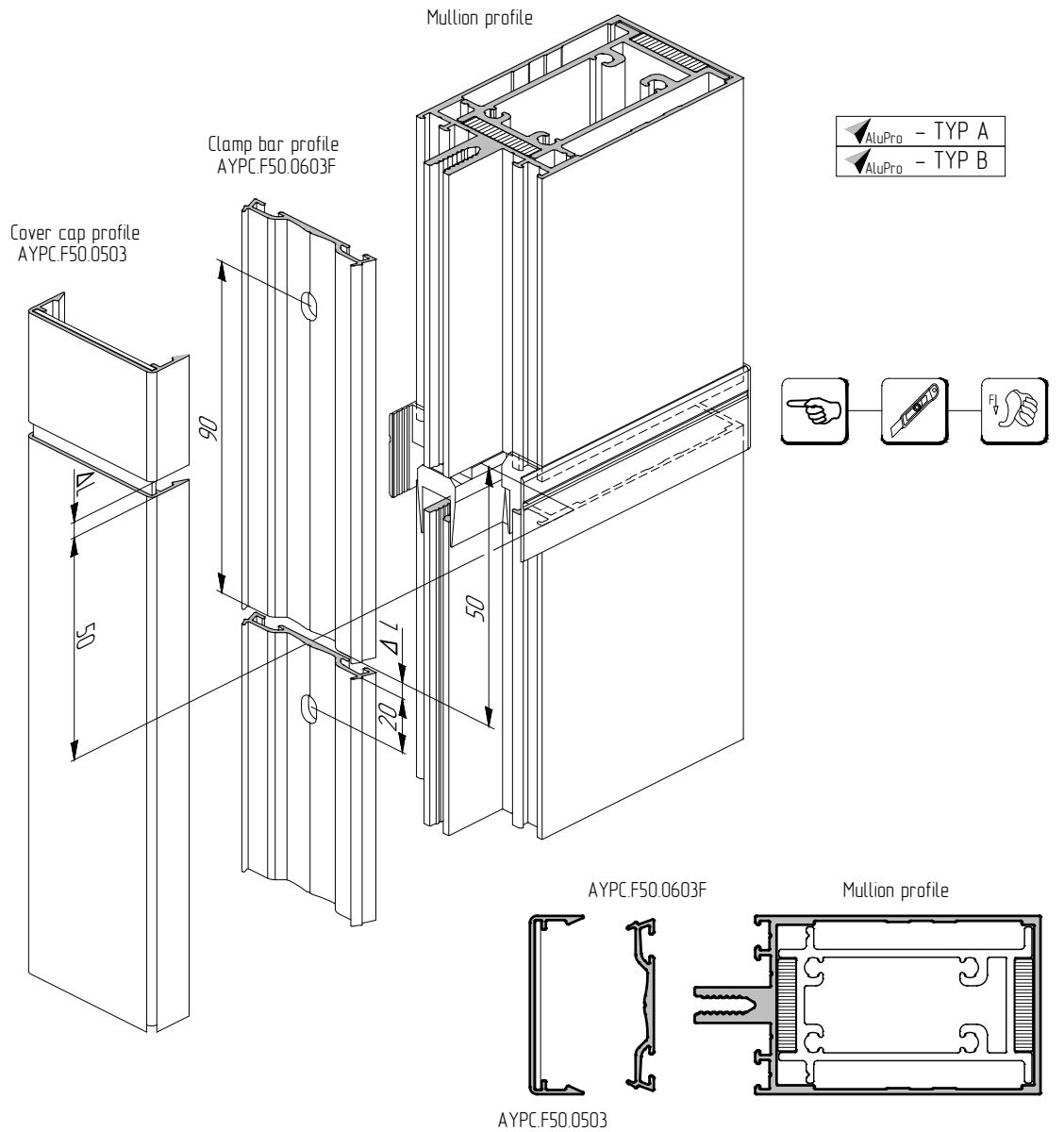
Typical size Mullion/transom	Reinforcing profile		Distance insert
	Mullion	Transom	
-/54.5	-	AYPC.F50.3324	AYPC.F50.0936 (Side 1 / Side 2)
62/67	AYPC.F50.3302	AYPC.F50.3325	
80/85	AYPC.F50.3303	AYPC.F50.3326	
100/105	AYPC.F50.3304	AYPC.F50.3327	
120/125	AYPC.F50.3305	AYPC.F50.3328	
140/145	AYPC.F50.3306	AYPC.F50.3329	
155/160	AYPC.F50.3307	AYPC.F50.3330	
170/175	AYPC.F50.3308	AYPC.F50.3331	
185/190	AYPC.F50.3309	AYPC.F50.3332	



Installation of plastic plugs of mullions junction at the place of vertical connection of profiles



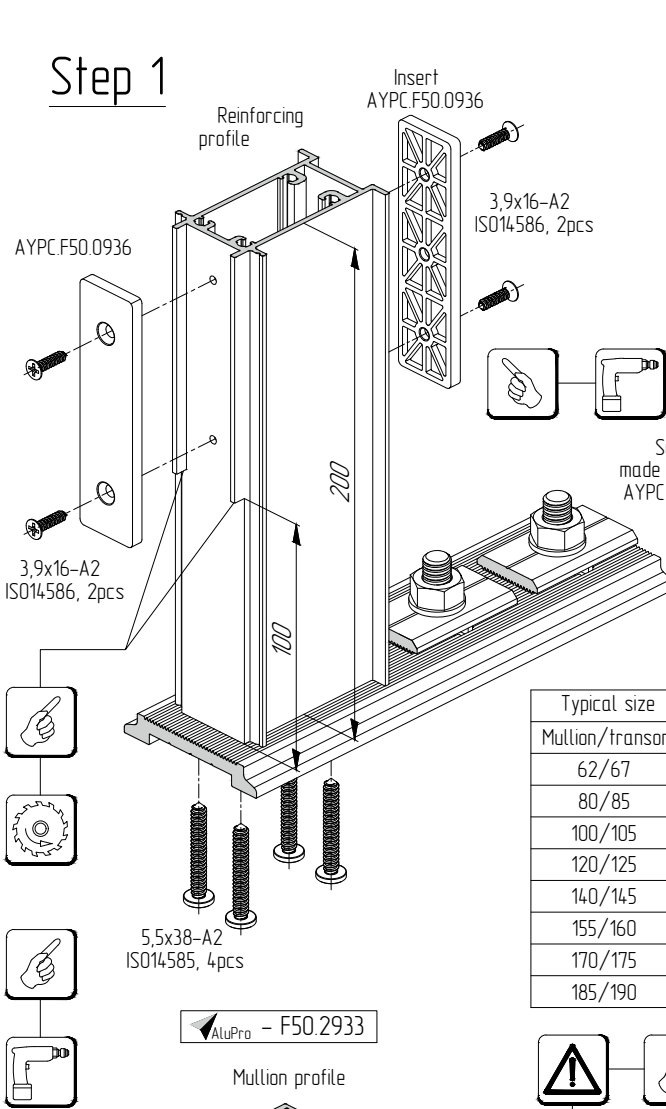
Direct/straight connection of mullion profiles, clamp bar and cover cap vertically



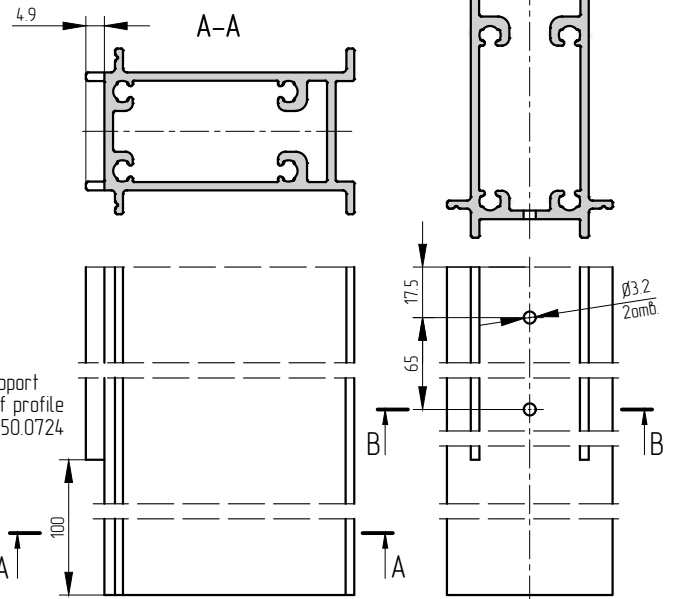
$\Delta L = L_0 \times \lambda \times \Delta T$;
 $\Delta T = T - T_1$
 where L_0 - profile cutting length [mm];
 λ - linear expansion coefficient of aluminium profile 23×10^{-5} [1/°C];
 ΔT - difference of temperatures [°C];
 T - temperature of profile cutting [°C];
 T_1 - max. temperature on the facade surface [°C];
 Example:
 $\Delta T = 18 - 80 = 62$ [°C];
 $\Delta L = 6750 \times 23 \times 10^{-5} \times 62 = 9.6$ [mm]

Assemblage of the lower joint at structure installation into the opening

Step 1



Processing of a reinforcing profile



Typical size Mullion/transom	Reinforcing profile		Complete set for fixing	
	Mullion	Transom	min quantity	Image and components
62/67	AYPC.F50.3302	AYPC.F50.3325	1 set	<p>Nut M10-A2 ISO4032 Washer 10-A2 ISO7089 Joining element AYPC.F50.0950 Washer 10-A2 ISO7089 Bolt M10x70-A2 ISO4017</p>
80/85	AYPC.F50.3303	AYPC.F50.3326	1 set	
100/105	AYPC.F50.3304	AYPC.F50.3327	2 sets	
120/125	AYPC.F50.3305	AYPC.F50.3328	2 sets	
140/145	AYPC.F50.3306	AYPC.F50.3329	2 sets	
155/160	AYPC.F50.3307	AYPC.F50.3330	2 sets	
170/175	AYPC.F50.3308	AYPC.F50.3331	2 sets	
185/190	AYPC.F50.3309	AYPC.F50.3332	2 sets	

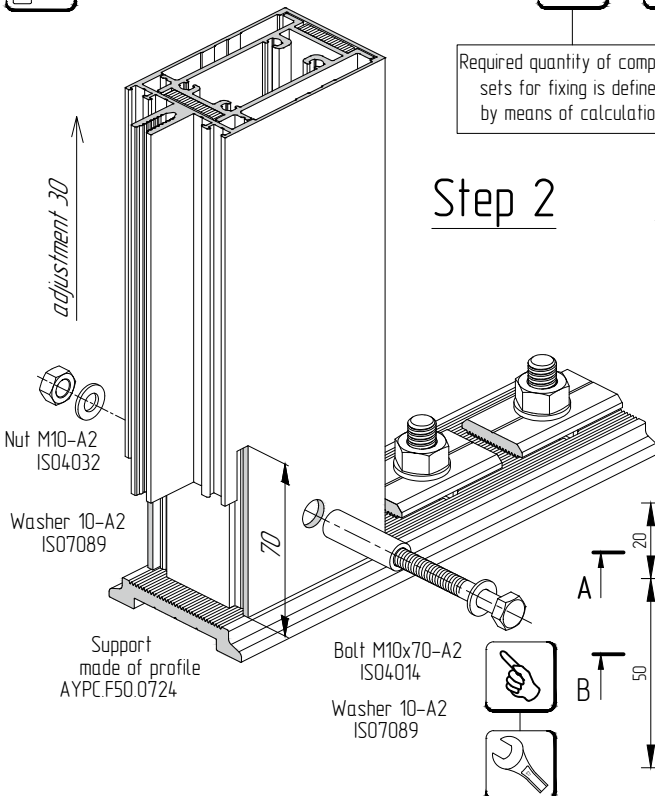
AluPro - F50.2933

Mullion profile

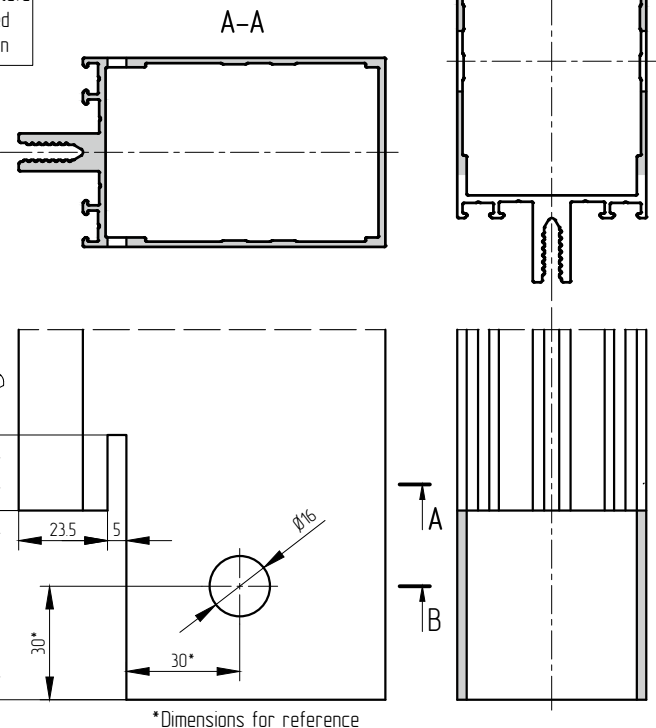


Required quantity of complete sets for fixing is defined by means of calculation

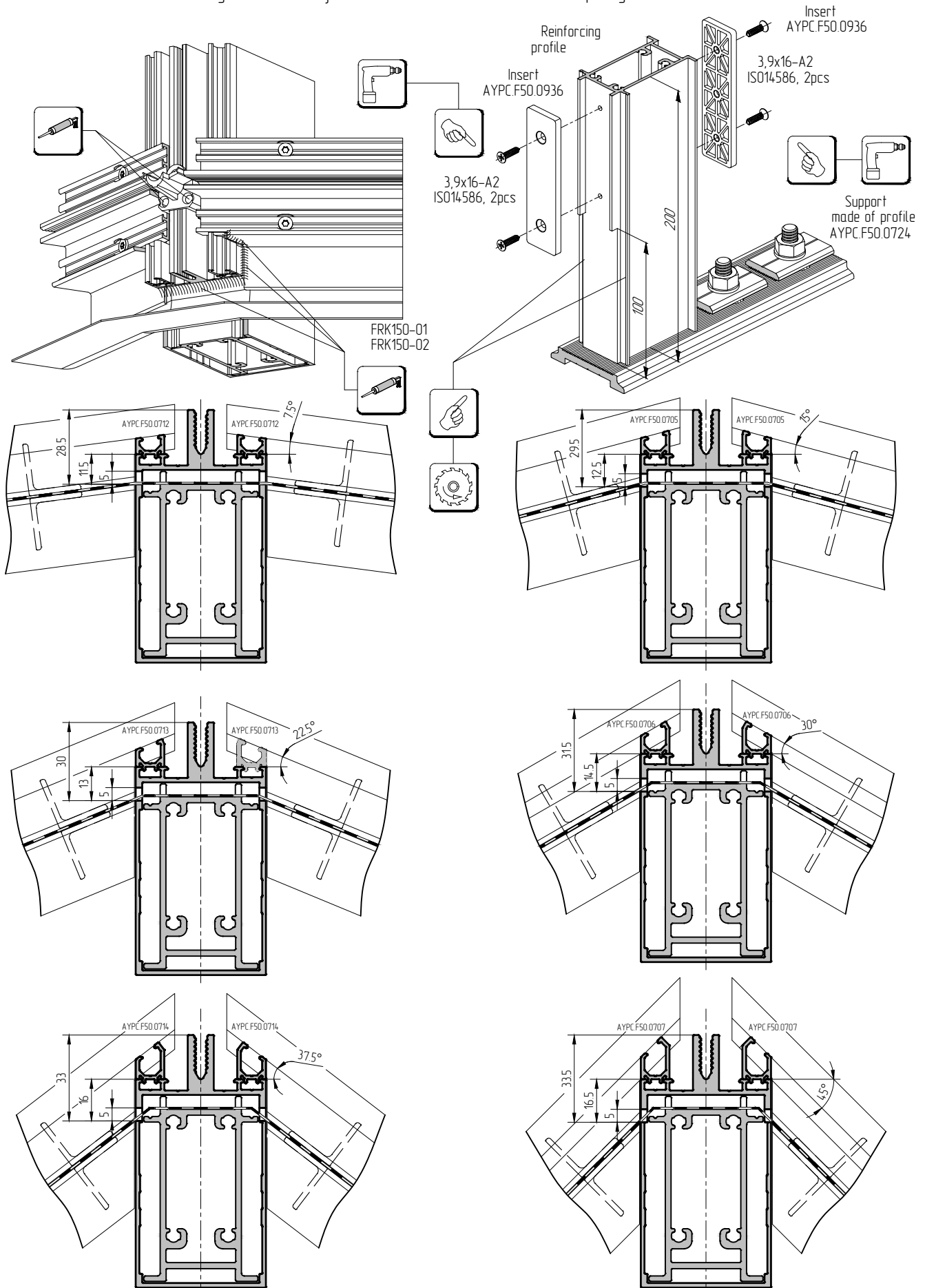
Step 2



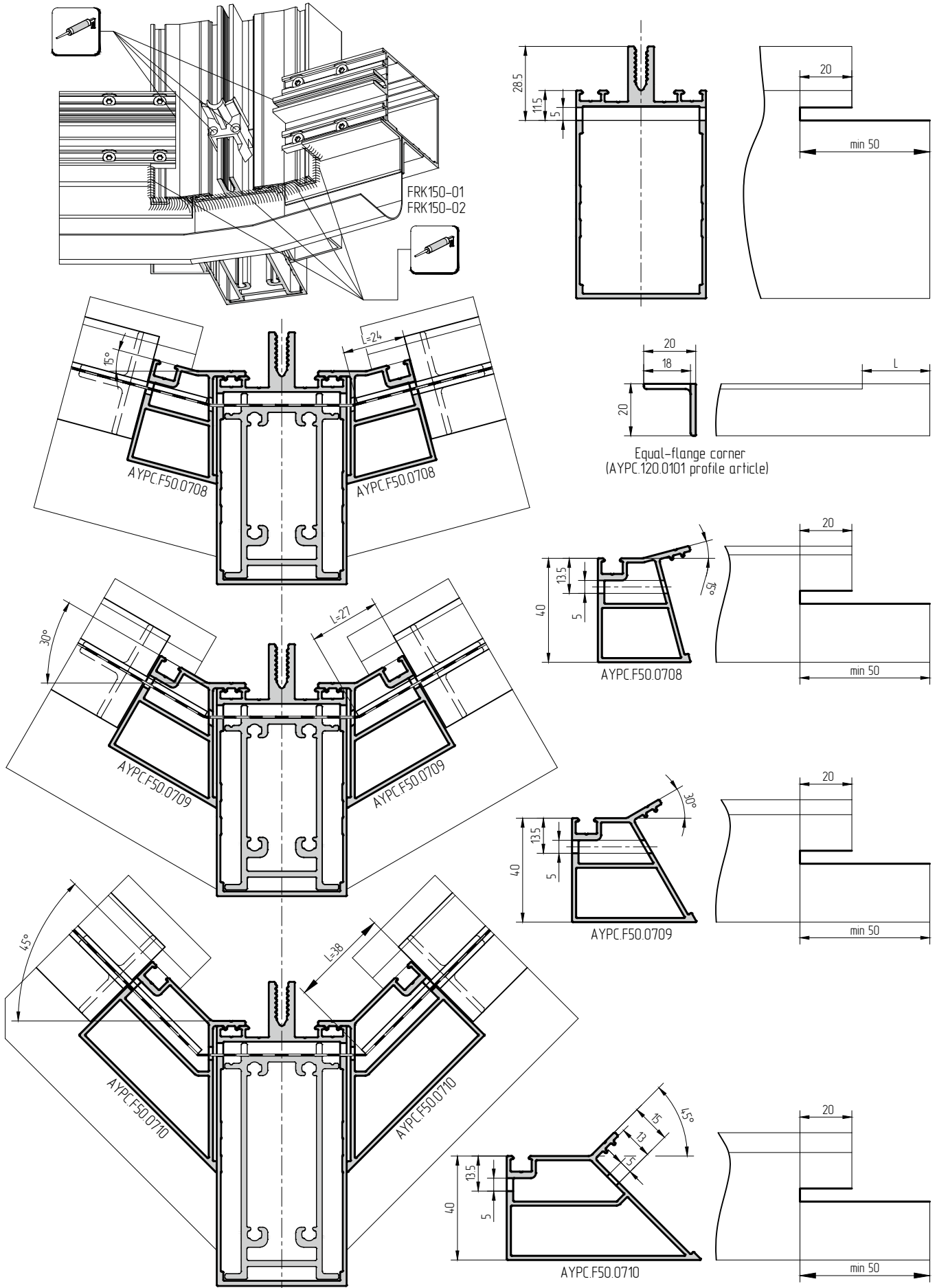
Processing of mullion profile



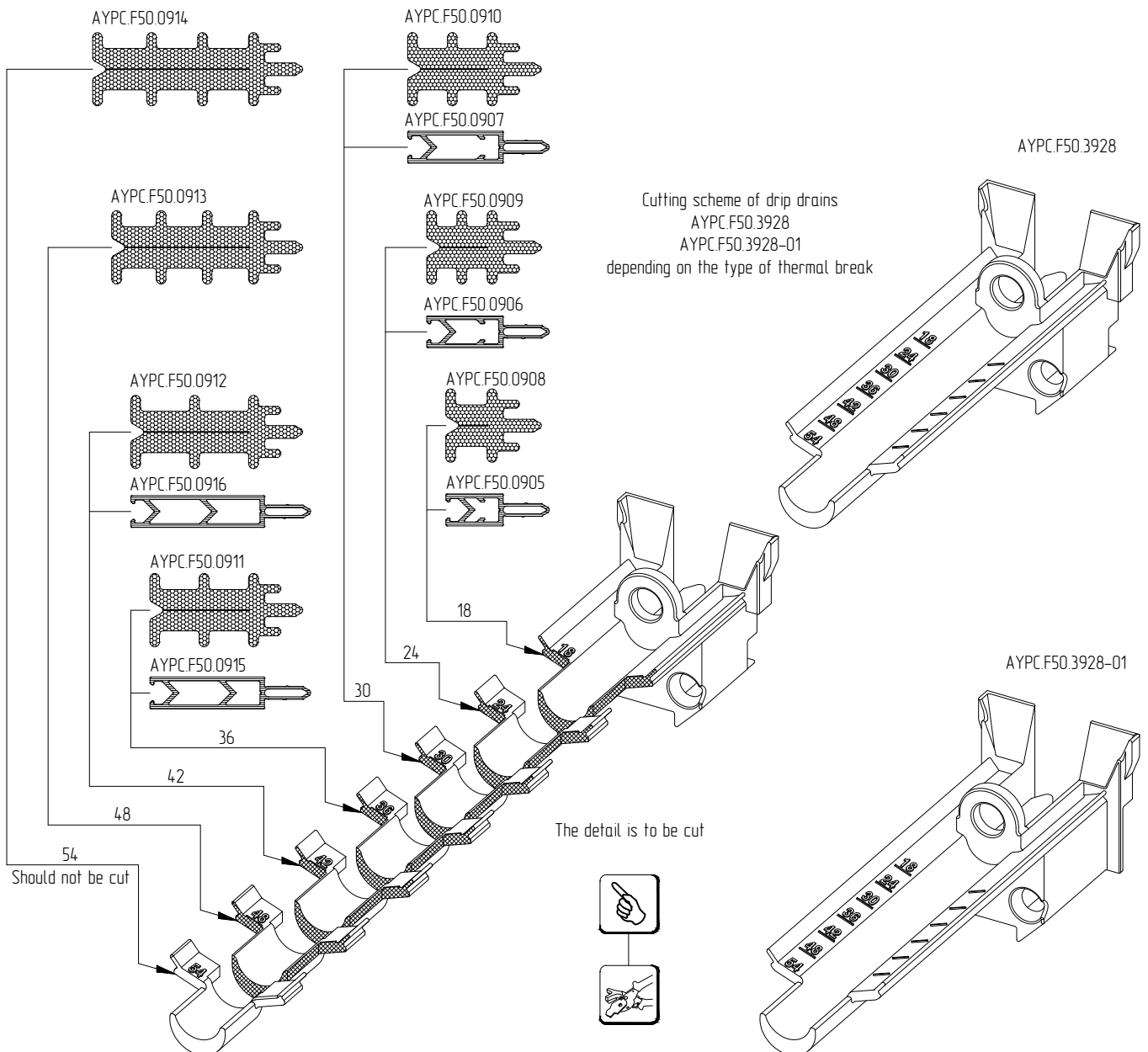
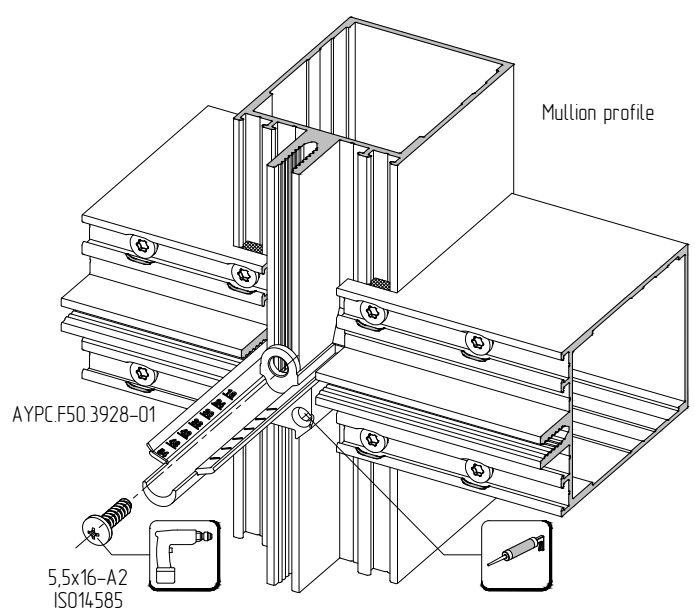
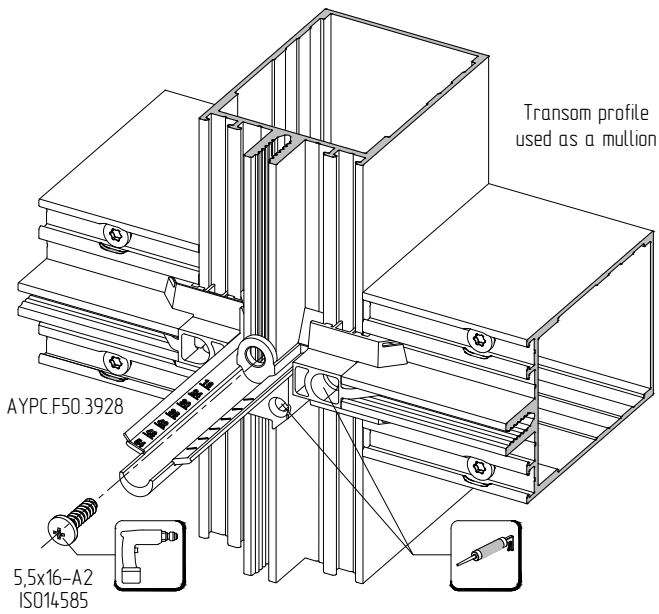
Assemblage of the lower joint at structure installation into the opening with external turn



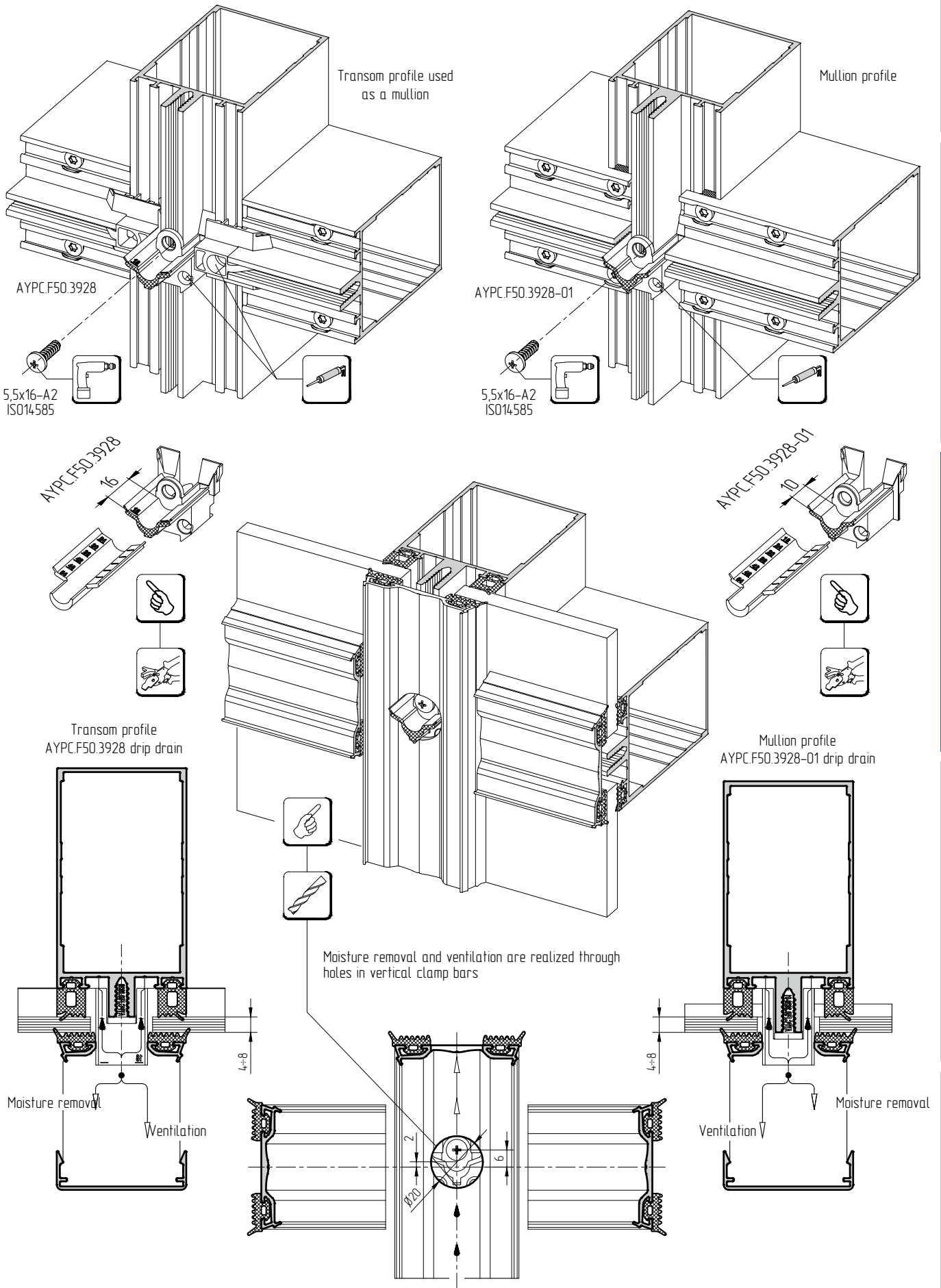
Assemblage of the lower joint at structure installation into the opening with internal turn



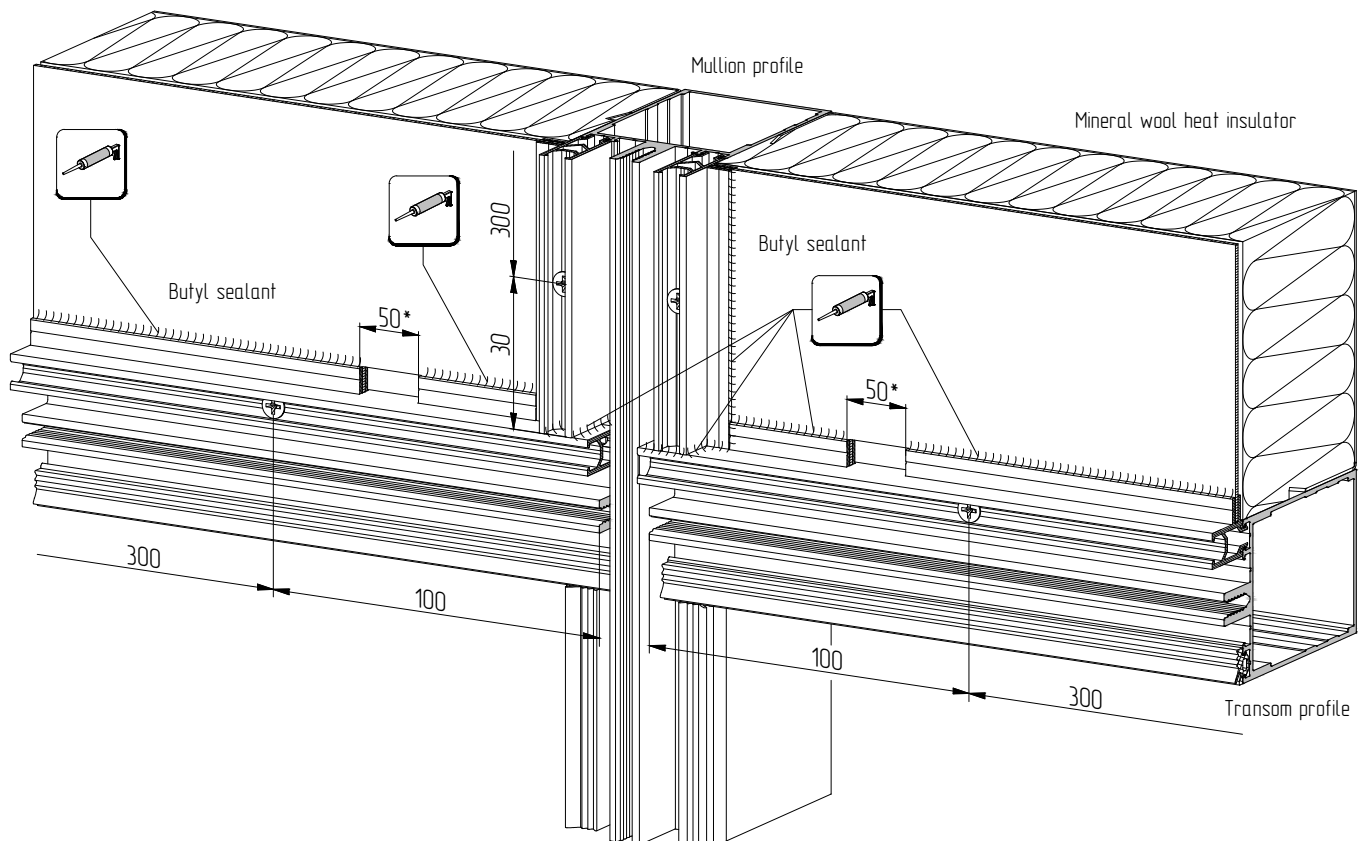
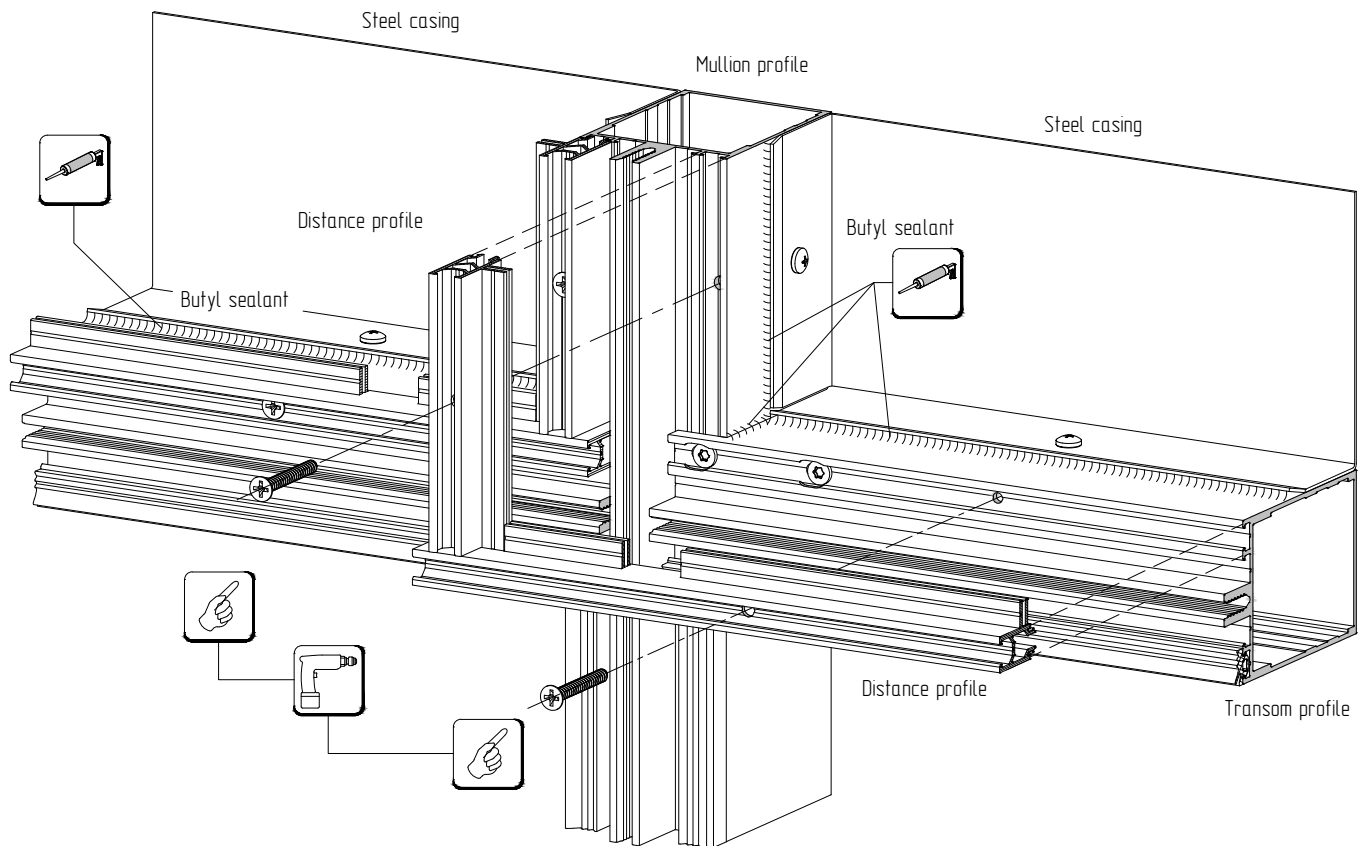
Installation of a AYPC.F50.3928 rubber drip drain and AYP.C.F50.3928-01 into mullion drainage channels



Installation of a AYPC.F50.0928 rubber drip drain into mullion drainage channels at infill unit thickness of 4-8mm

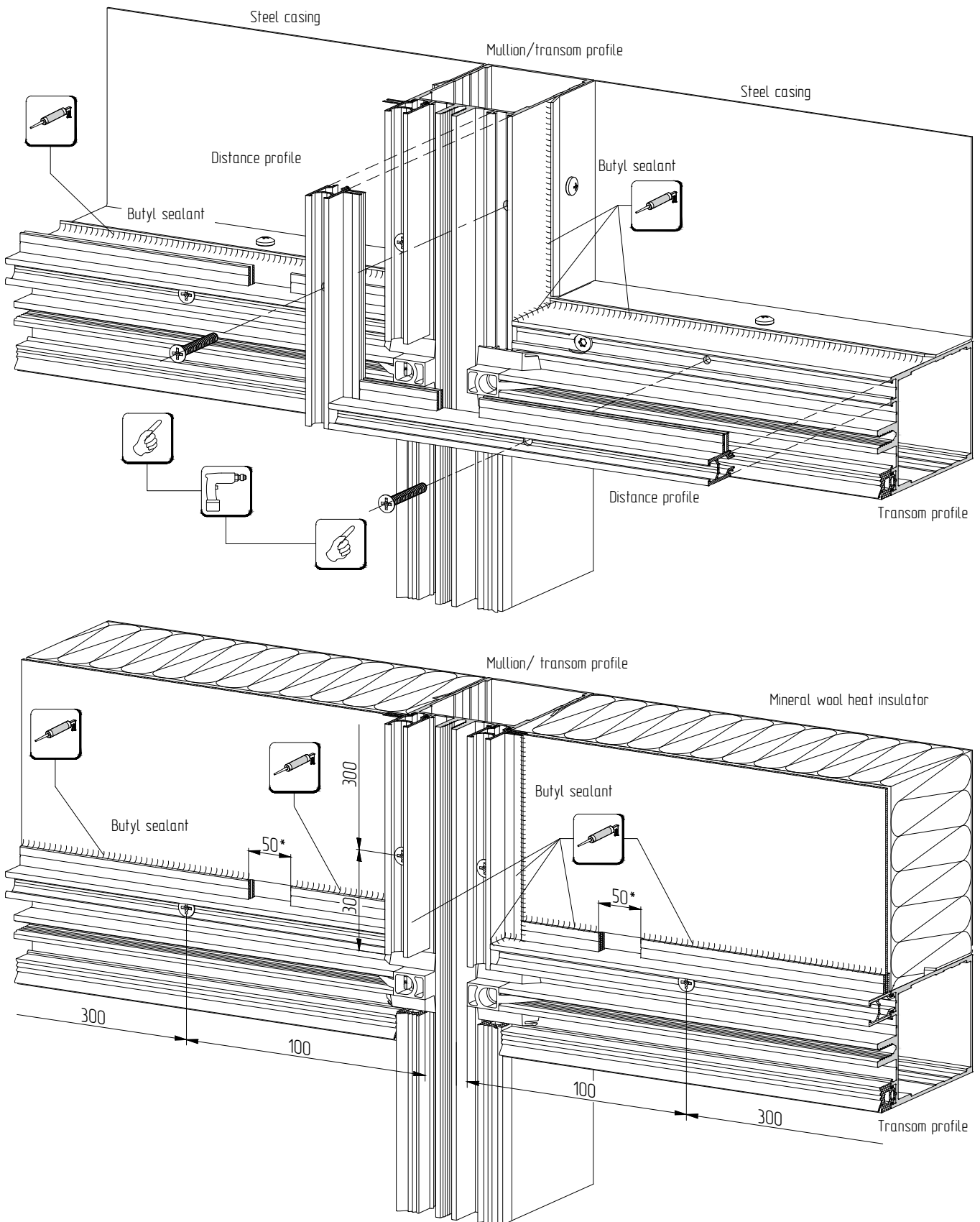


Installation of AYPC.F50.0901-AYPC.F50.0903 PVC distance profiles in the non-translucent part of the facade structure at overlapped connection of mullion and transom profiles



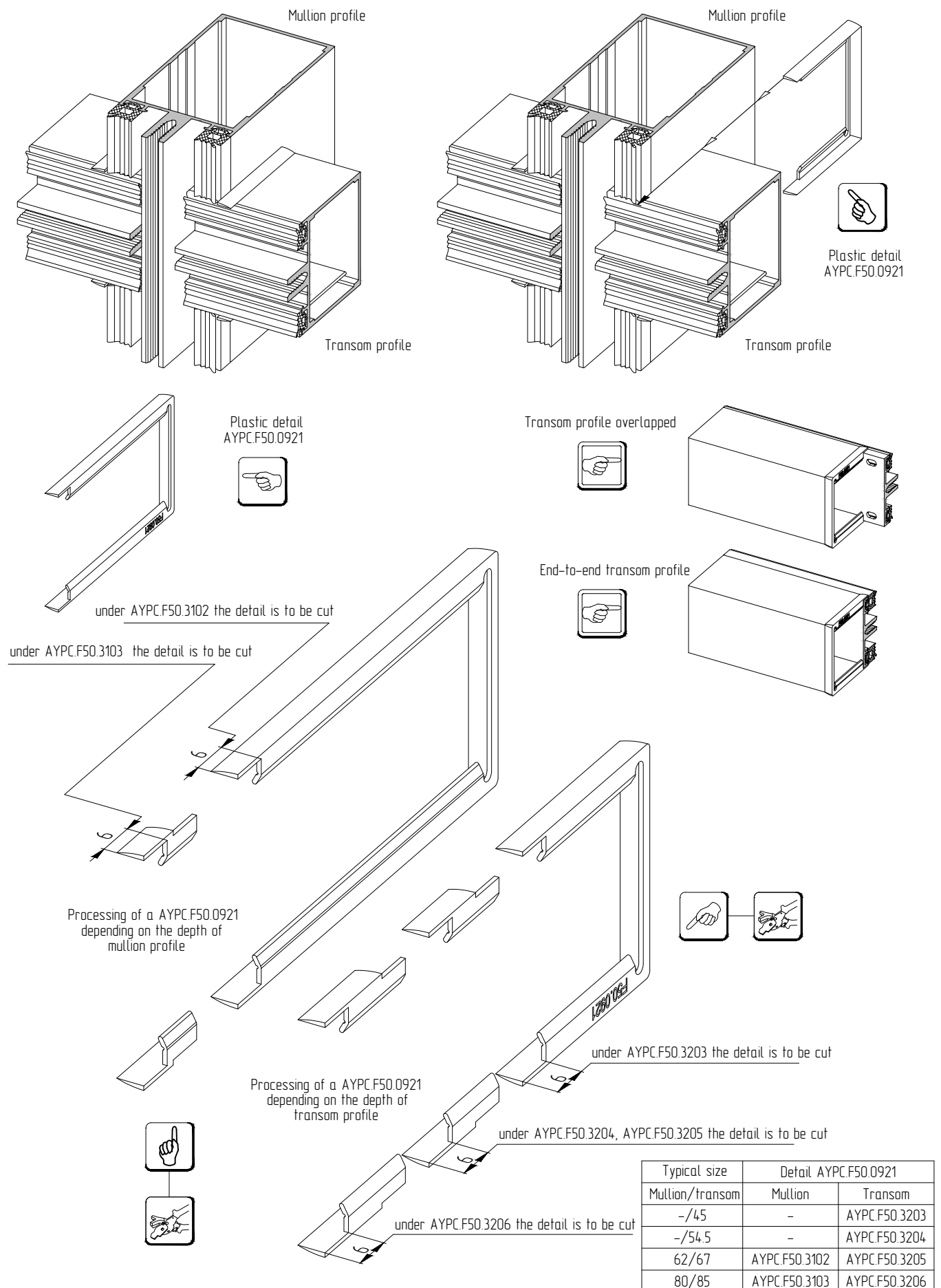
*In order to ensure moisture removal and ventilation in distance profiles, it is necessary to make cuts 50 mm long, stepping back from the axes of mullions and transoms at a distance of 225 mm. Make cuts in increments of 500 mm

Installation of AYP.C.F50.0901–AYP.C.F50.0903 PVC distance profiles in the non-translucent part of the facade structure at end-to-end connection of mullion and transom profiles

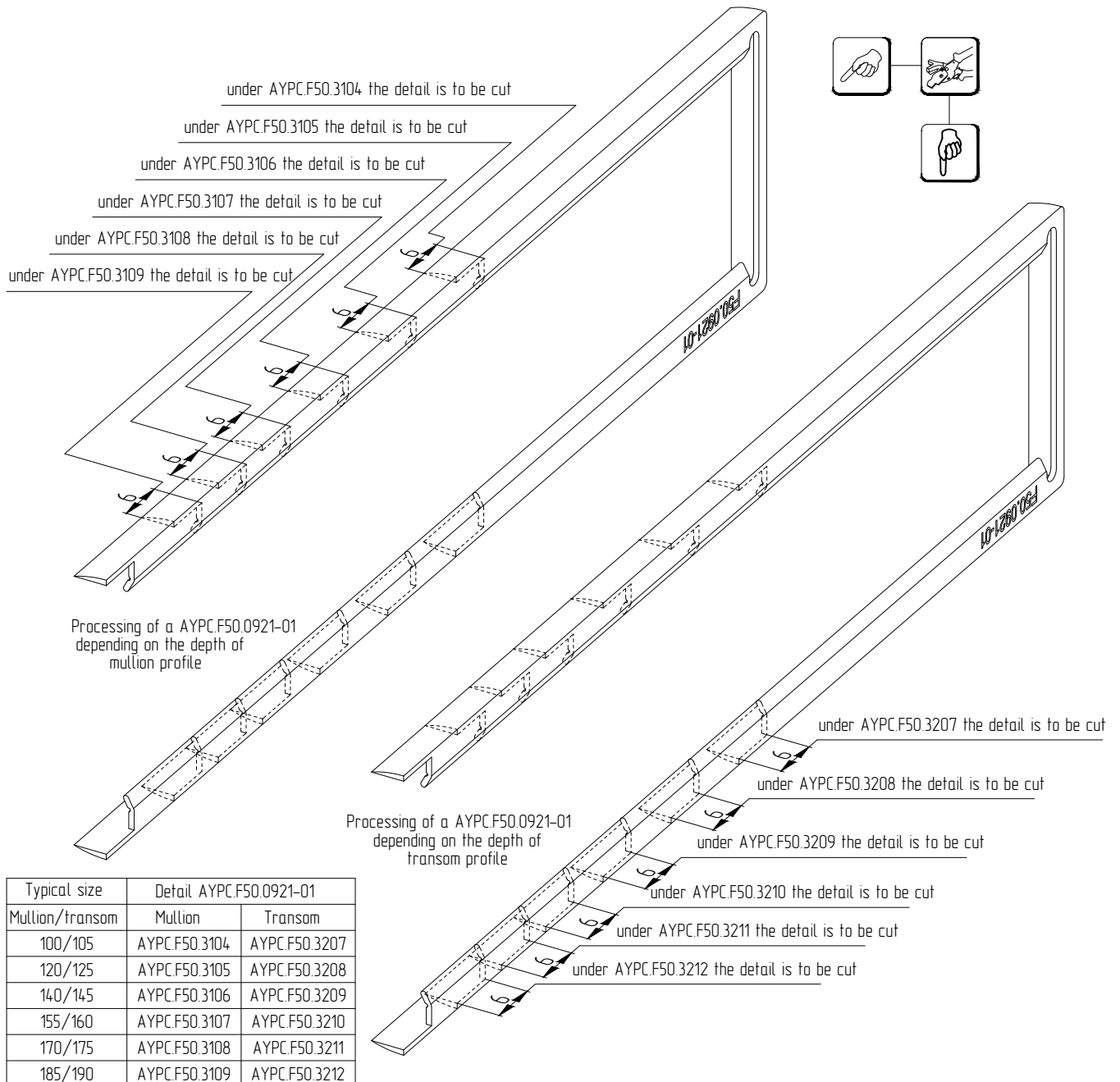
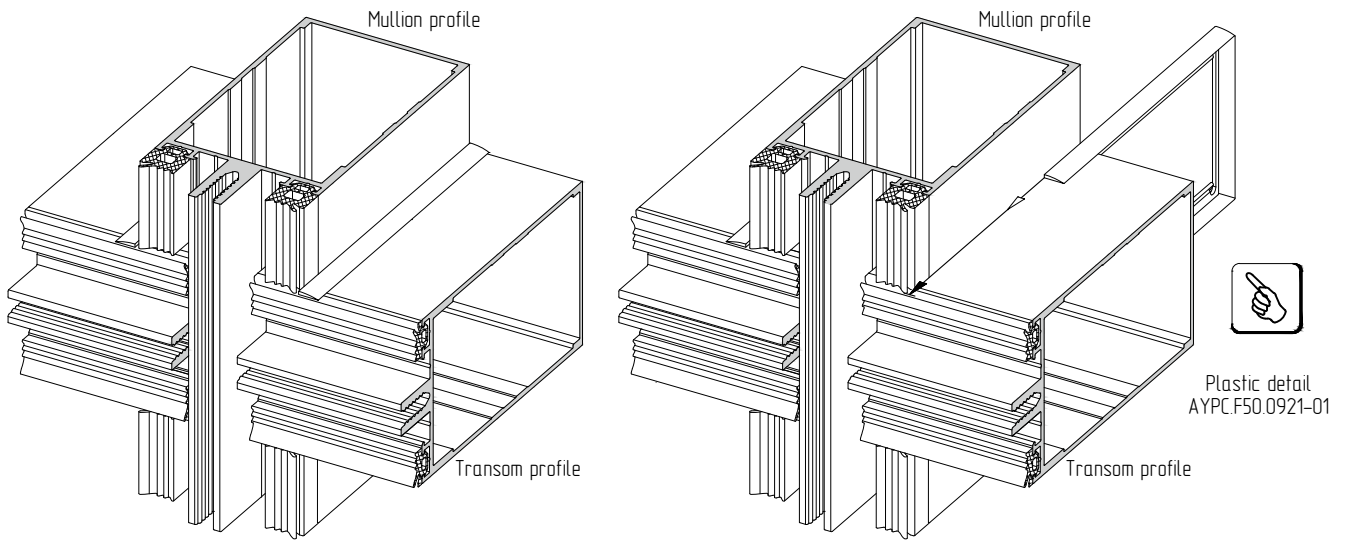


*In order to ensure moisture removal and ventilation in distance profiles, it is necessary to make cuts 50 mm long, stepping back from the axes of mullions and transoms at a distance of 225 mm. Make cuts in increments of 500 mm

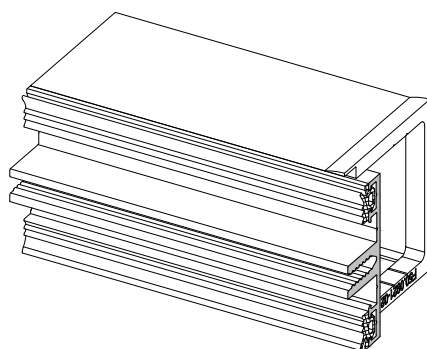
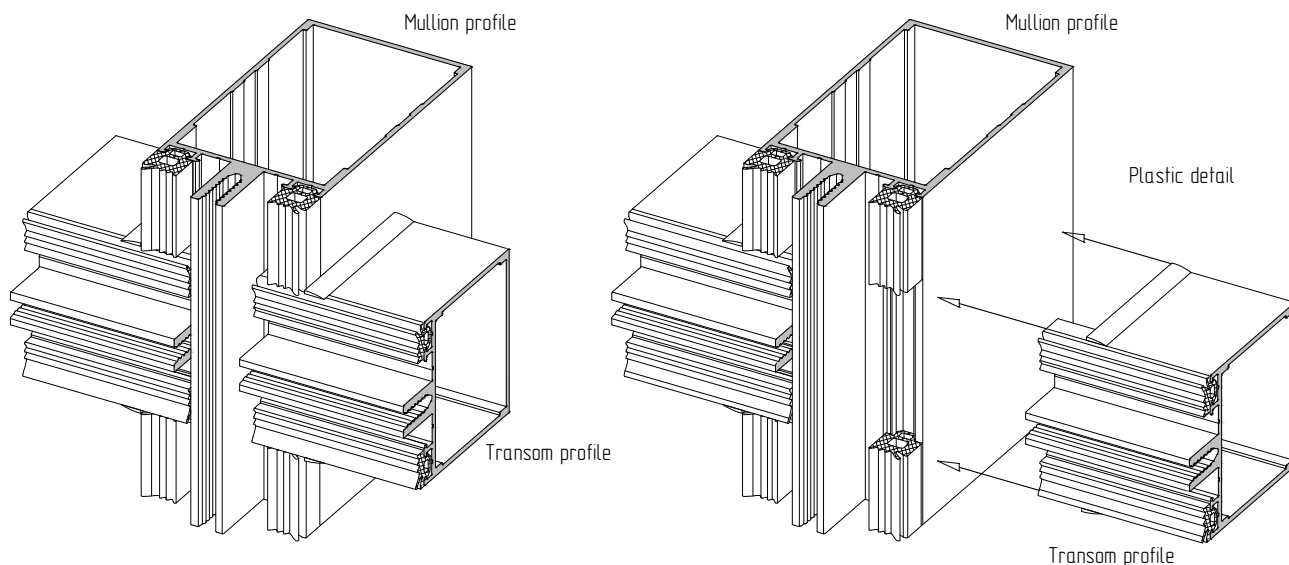
Installation of a AYPC.F50.0921 plastic end plug at junction point of transom profiles with mullion profiles



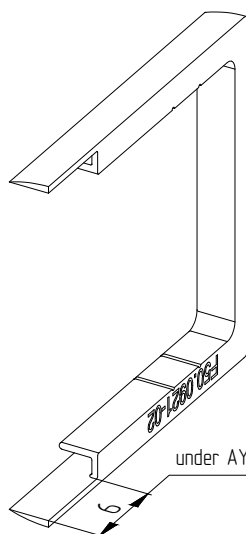
Installation of a AYPC.F50.0921-01 plastic end plug at junction point of transom profiles with mullion profiles



Installation of a AYPC.F50.0921-02 plastic end plug at junction point of transom profiles with mullion profiles



Transom profile overlapped



under AYPC.F50.3203 the detail is to be cut

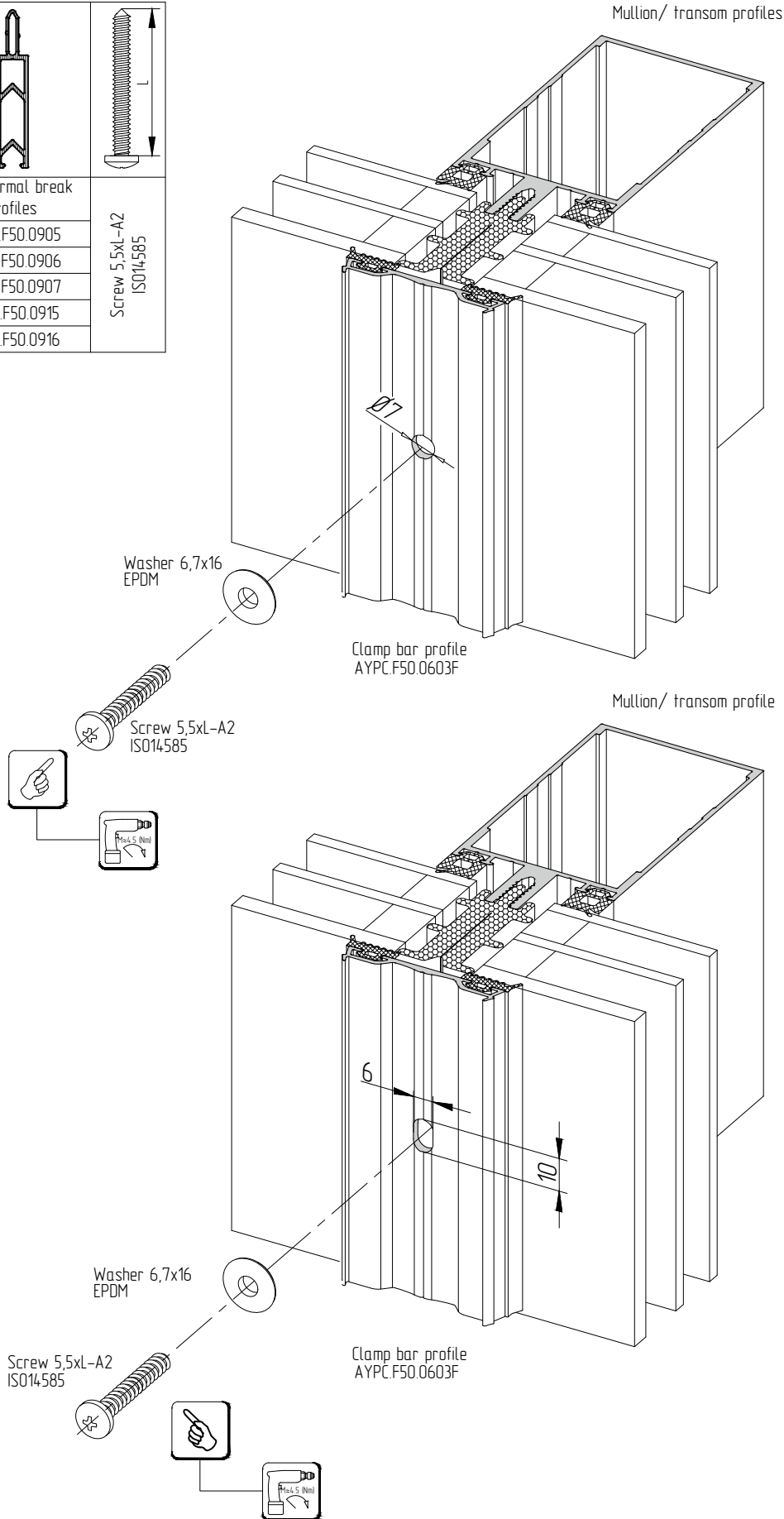


typical size	AYPC.F50.0921-02 Detail	
Mullion/transom	Mullion	Transom
-/45	-	AYPC.F50.3203

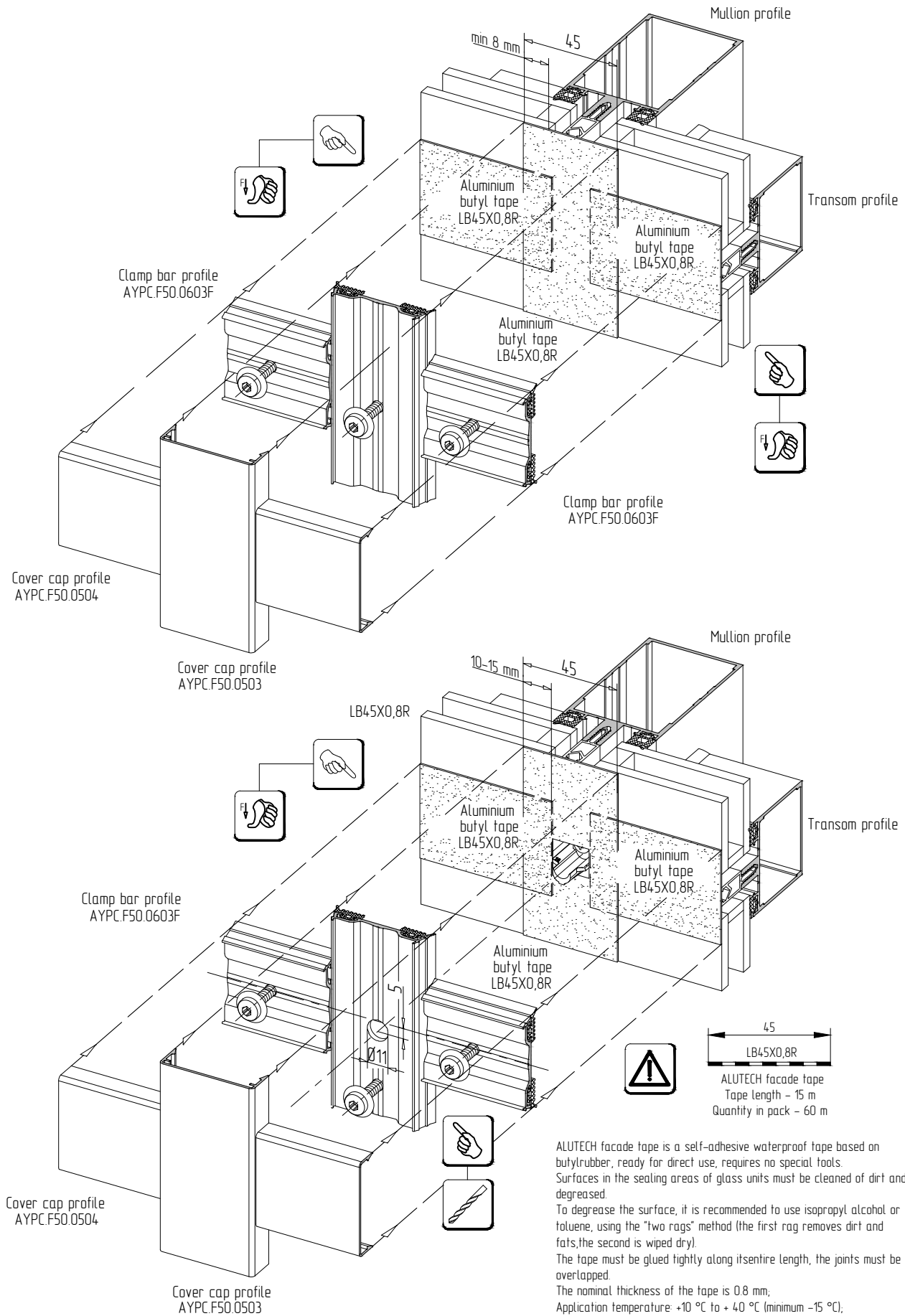
Fixing of AYPC.F50.0603 and AYPC.F50.0603F clamp bars

For thermal break profiles	Screw 5,5xL-A2 ISO14585
AYPC.F50.0905	
AYPC.F50.0906	
AYPC.F50.0907	
AYPC.F50.0915	
AYPC.F50.0916	

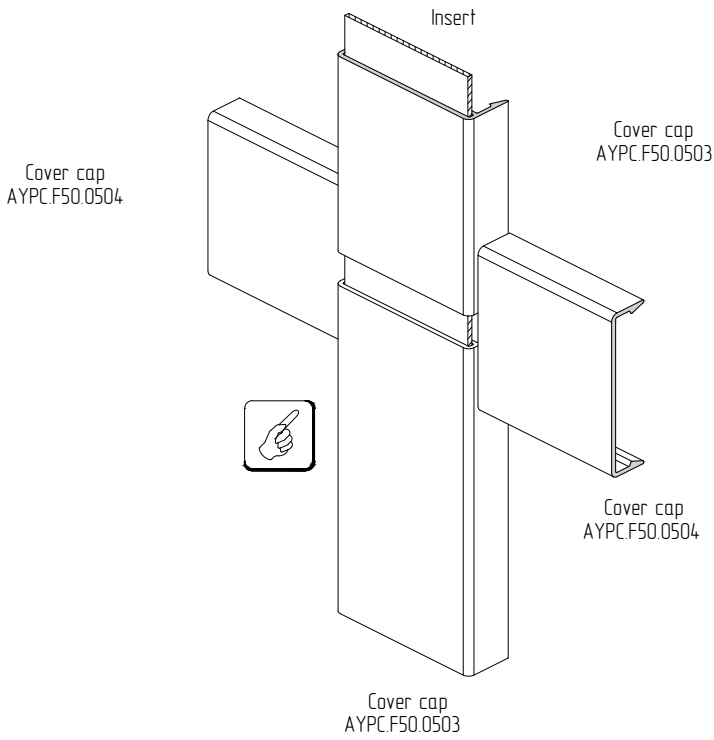
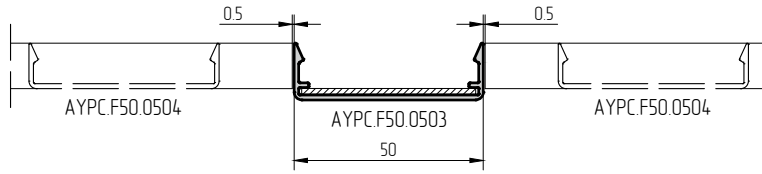
For thermal break profiles	Screw 5,5xL-A2 ISO 14585
AYPC.F50.0908	
AYPC.F50.0909	
AYPC.F50.0910	
AYPC.F50.0911	
AYPC.F50.0912	
AYPC.F50.0913	
AYPC.F50.0914	



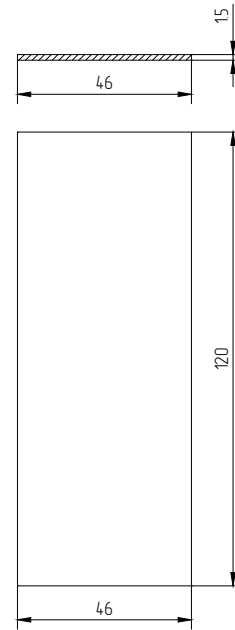
Installation of aluminium butyl tape



Installation of aluminium inserts at junction point of AYPC.F50.0503 cover cap profiles

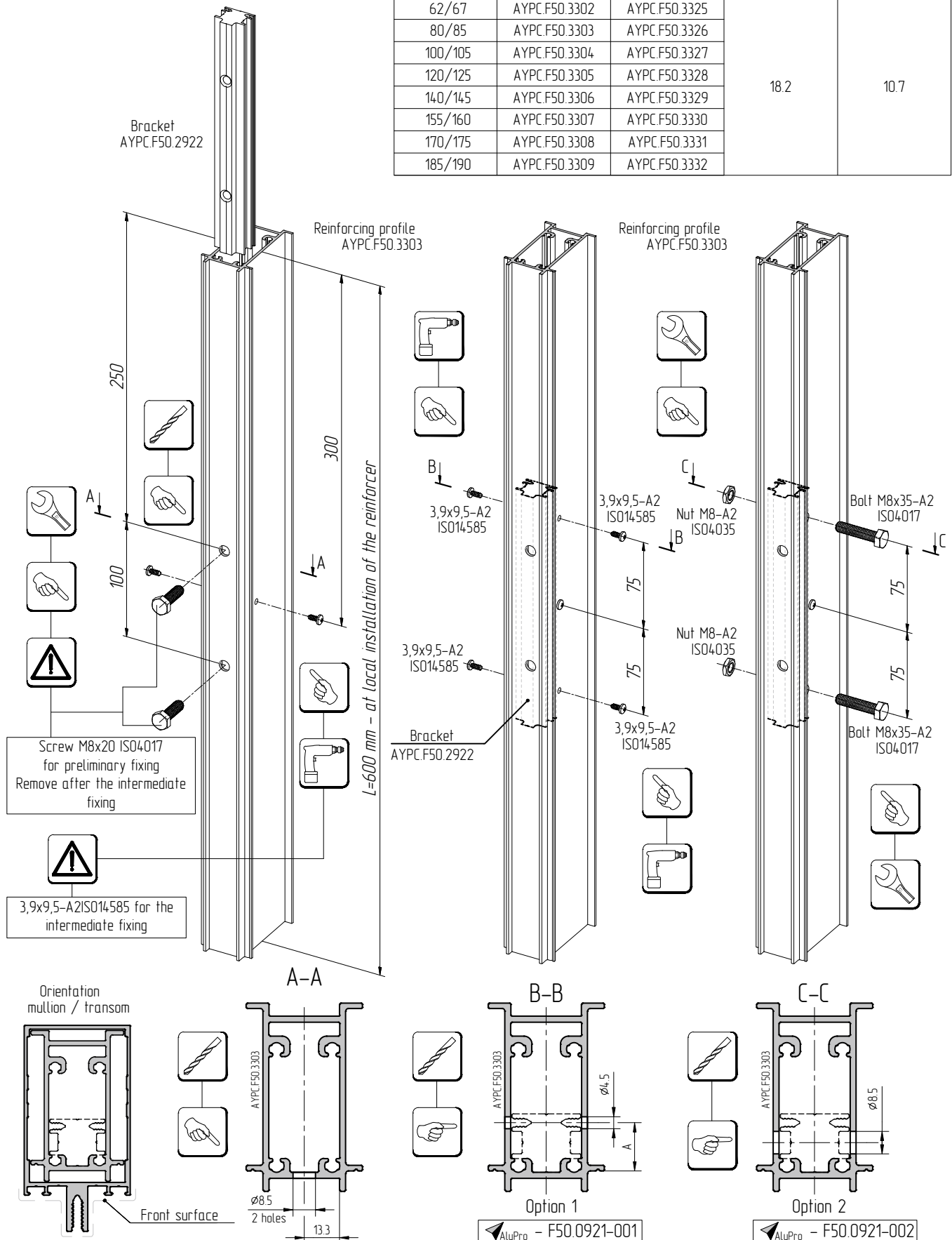


Insert made of aluminium sheet with thickness of 15 mm



Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2921 bearing bracket.
AYPC.F50.2922 Bracket is installed from the side of front mullion surface

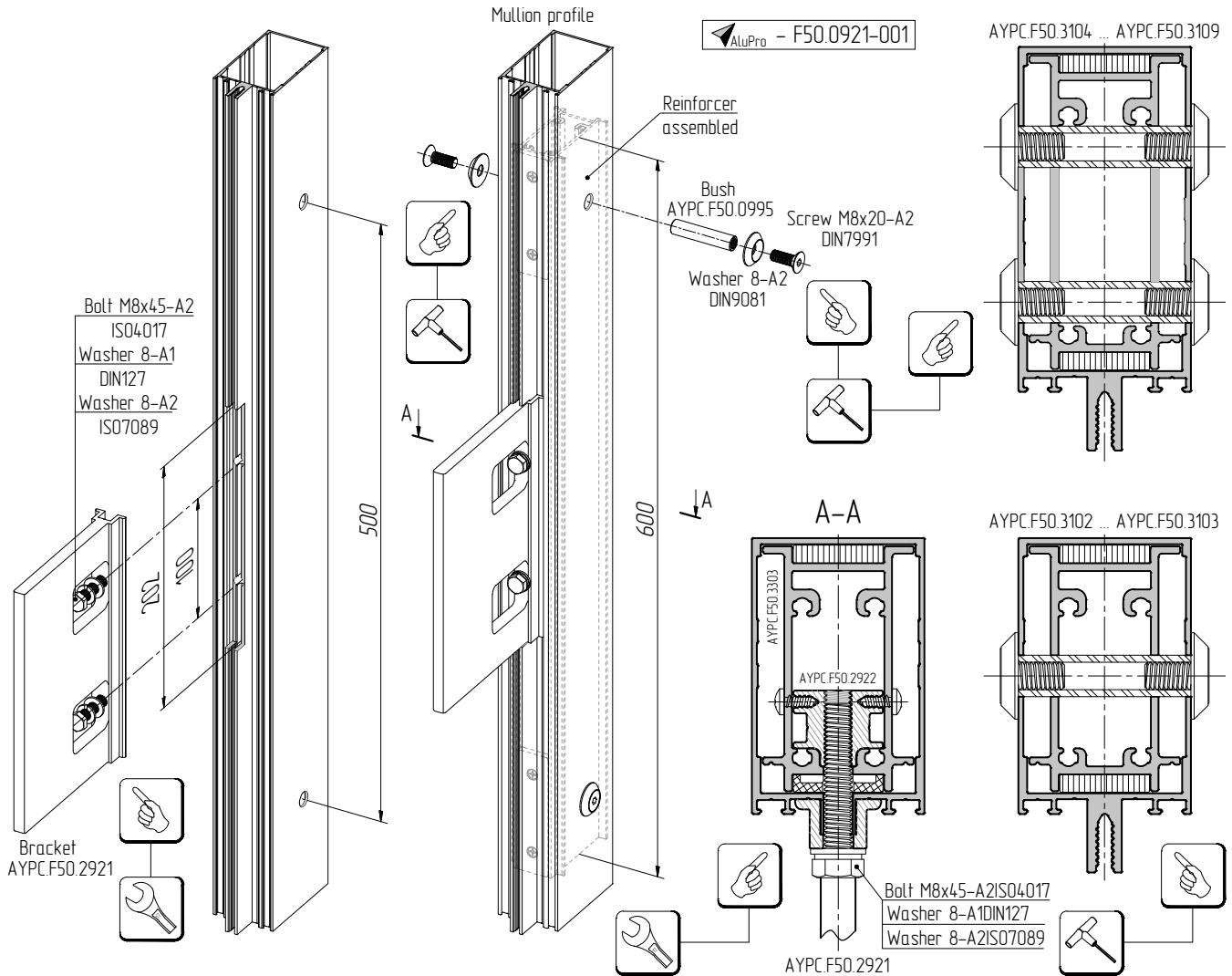
Typical size Mullion/ transom	Reinforcing profile		Processing	
	Mullion	Transom	Dimension A, mm	Dimension B, mm
62/67	AYPC.F50.3302	AYPC.F50.3325	18.2	10.7
80/85	AYPC.F50.3303	AYPC.F50.3326		
100/105	AYPC.F50.3304	AYPC.F50.3327		
120/125	AYPC.F50.3305	AYPC.F50.3328		
140/145	AYPC.F50.3306	AYPC.F50.3329		
155/160	AYPC.F50.3307	AYPC.F50.3330		
170/175	AYPC.F50.3308	AYPC.F50.3331		
185/190	AYPC.F50.3309	AYPC.F50.3332		



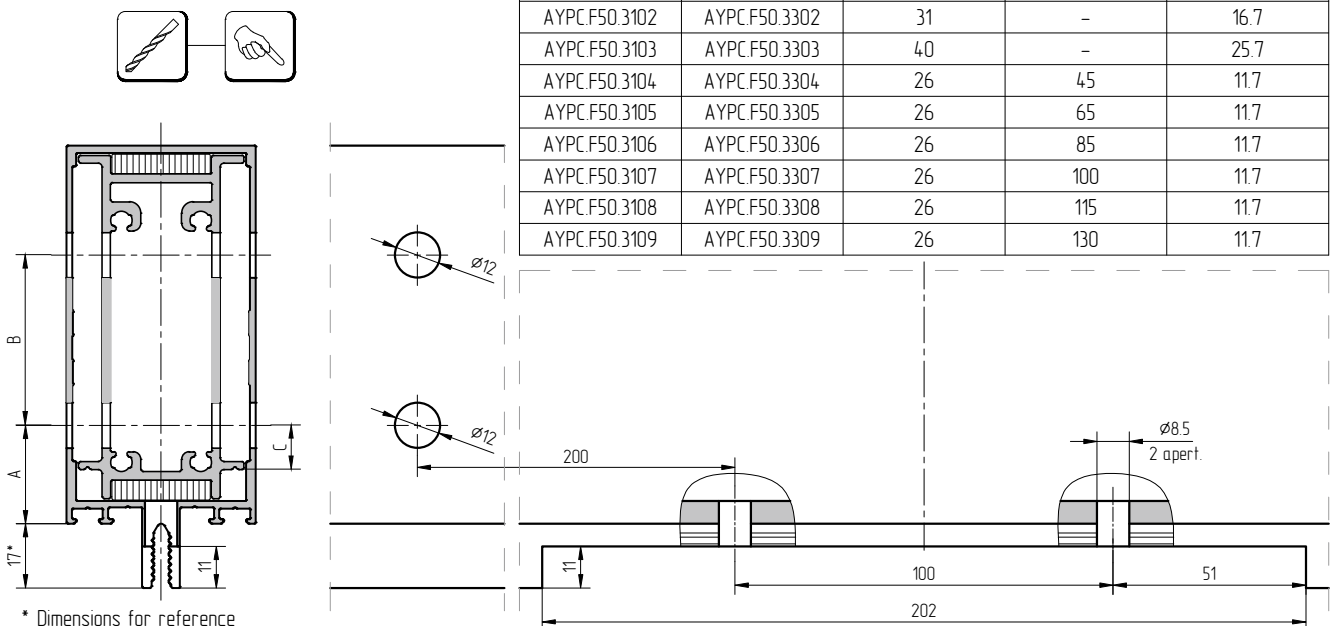
Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2921 bearing bracket

Processing of mullion profile

Fixing of the reinforcer into the mullion profile at its local installation



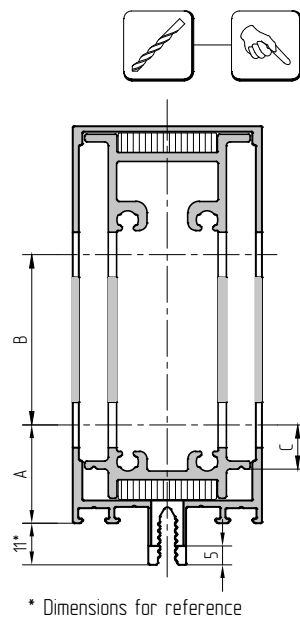
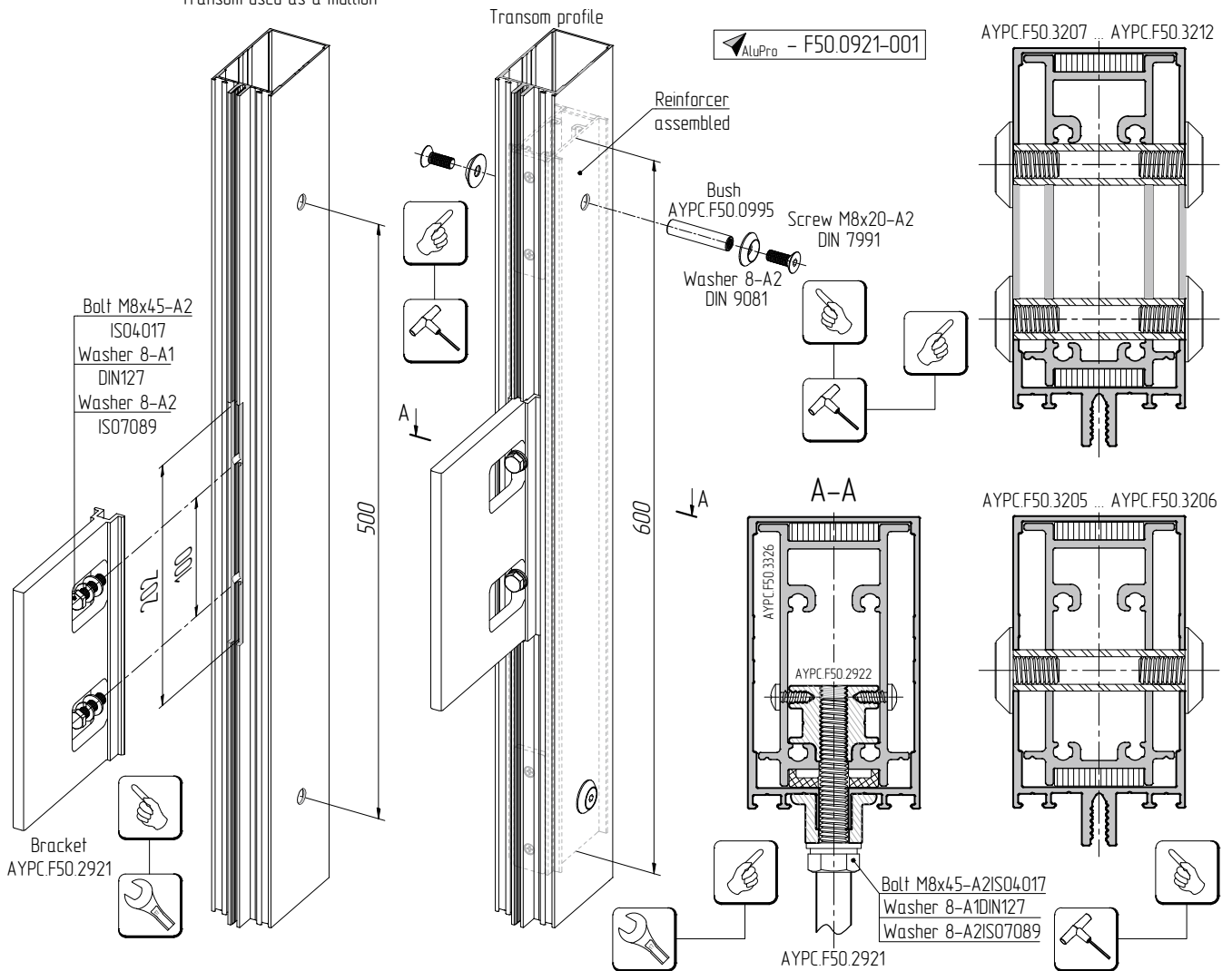
Mullion profile	Reinforcing profile	Processing		
		Dimension A, mm	Dimension B, mm	Dimension C, mm
AYPC.F50.3102	AYPC.F50.3302	31	-	16.7
AYPC.F50.3103	AYPC.F50.3303	40	-	25.7
AYPC.F50.3104	AYPC.F50.3304	26	45	11.7
AYPC.F50.3105	AYPC.F50.3305	26	65	11.7
AYPC.F50.3106	AYPC.F50.3306	26	85	11.7
AYPC.F50.3107	AYPC.F50.3307	26	100	11.7
AYPC.F50.3108	AYPC.F50.3308	26	115	11.7
AYPC.F50.3109	AYPC.F50.3309	26	130	11.7



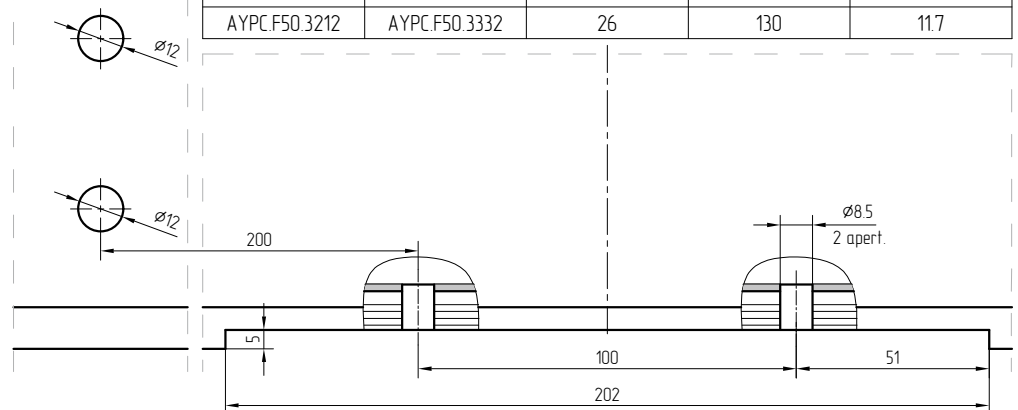
Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2921 bearing bracket

Processing of transom profile
Transom used as a mullion

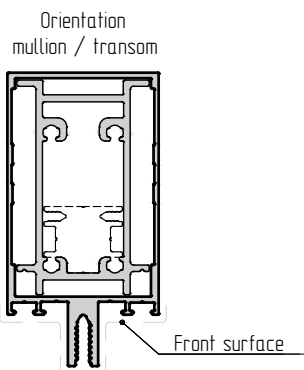
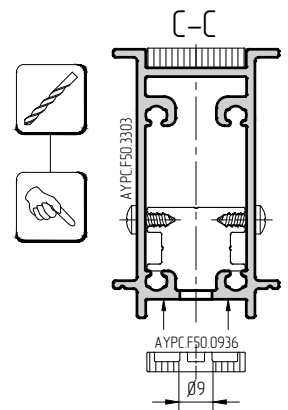
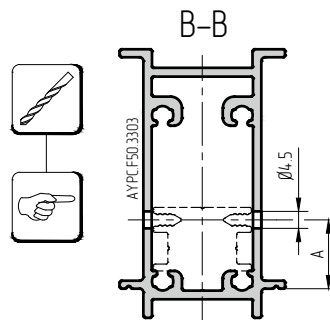
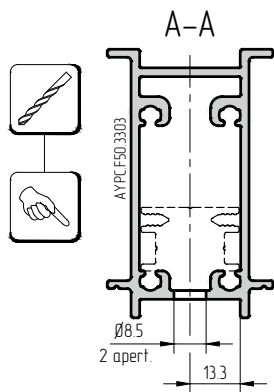
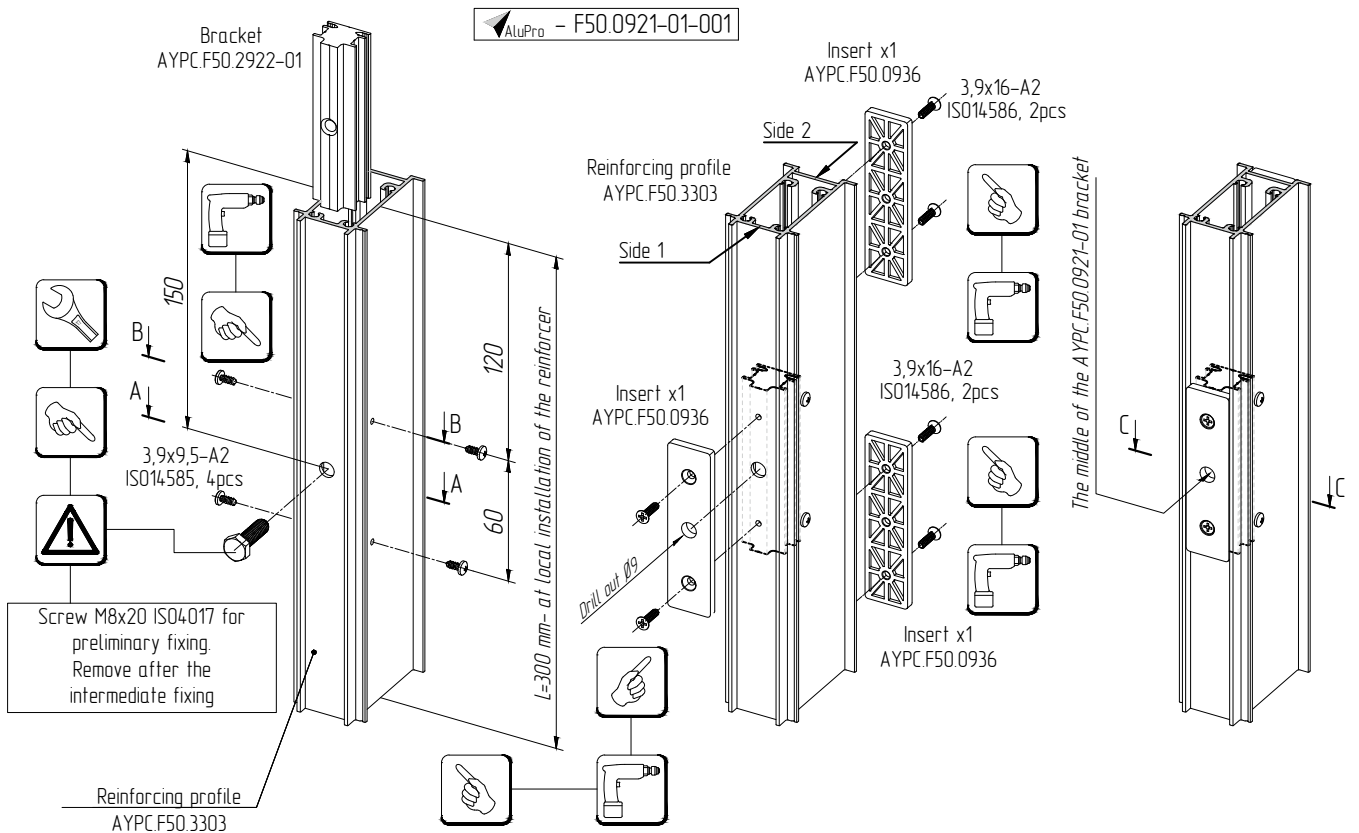
Fixing of the reinforcer into the mullion profile at its local installation



Transom profile	Reinforcing profile	Processing		
		Dimension A, mm	Dimension B, mm	Dimension C, mm
AYPC.F50.3205	AYPC.F50.3325	31	-	16.7
AYPC.F50.3206	AYPC.F50.3326	40	-	25.7
AYPC.F50.3207	AYPC.F50.3327	26	45	11.7
AYPC.F50.3208	AYPC.F50.3328	26	65	11.7
AYPC.F50.3209	AYPC.F50.3329	26	85	11.7
AYPC.F50.3210	AYPC.F50.3330	26	100	11.7
AYPC.F50.3211	AYPC.F50.3331	26	115	11.7
AYPC.F50.3212	AYPC.F50.3332	26	130	11.7

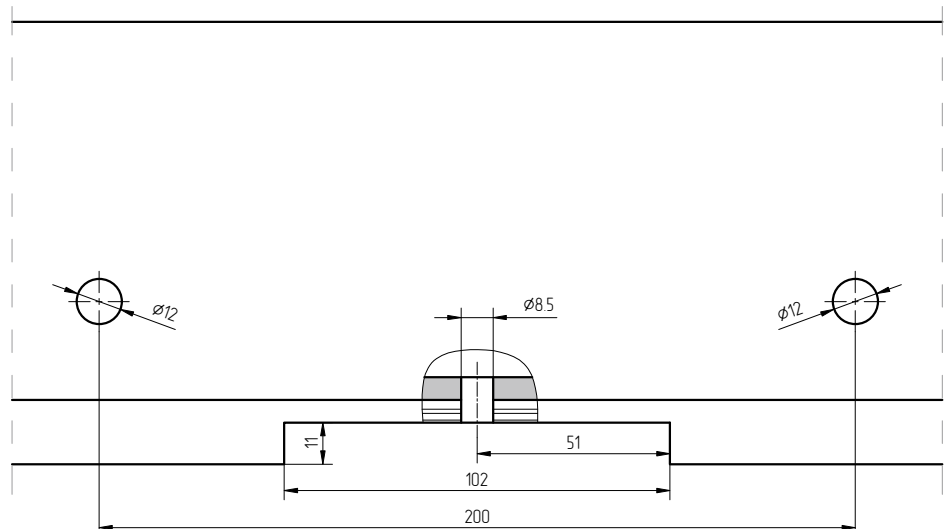
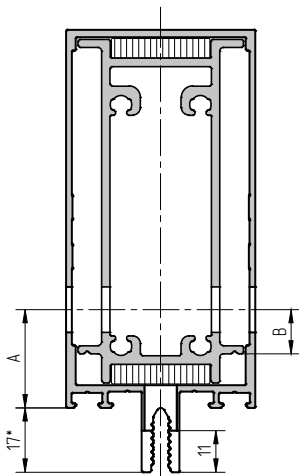
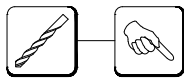
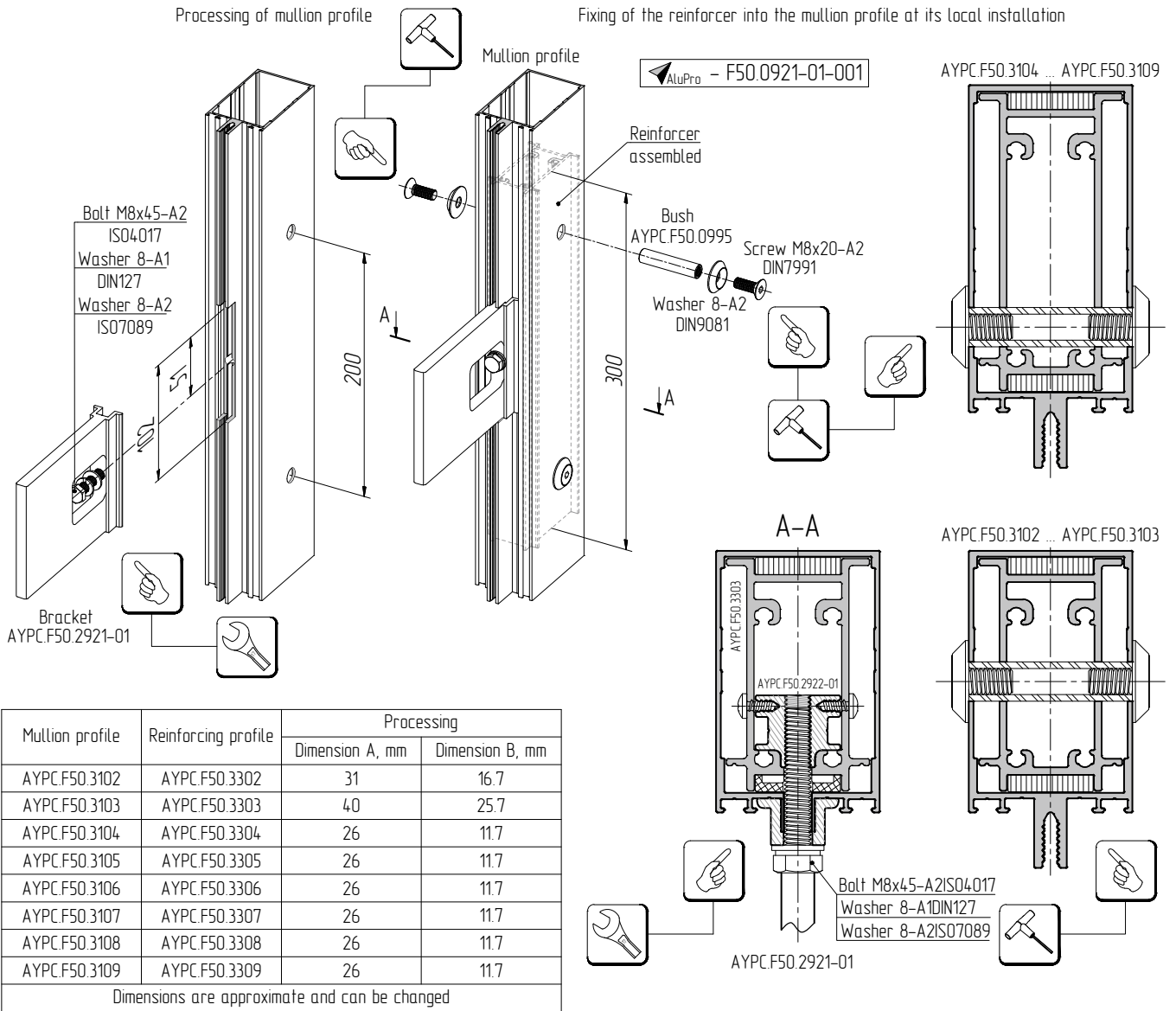


Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2921AYPC.F50.2921-01 bearing bracket.
AYPC.F50.2922-01 Bracket is installed from the side of front mullion surface

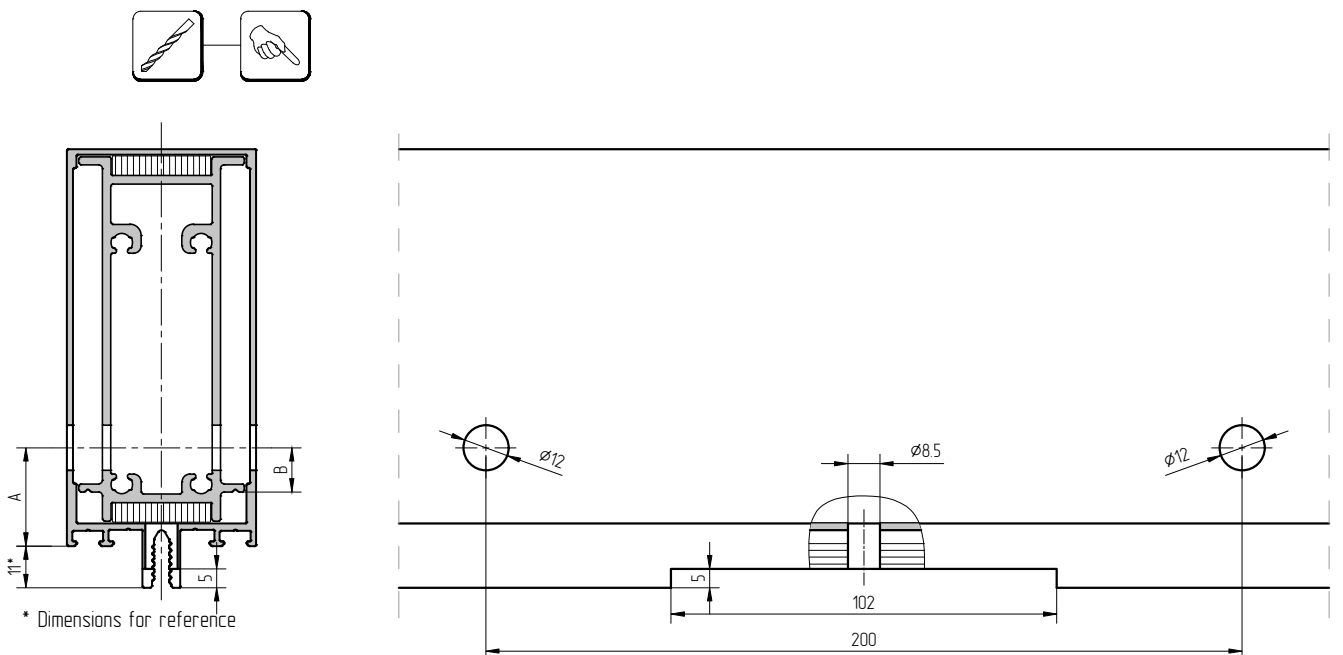
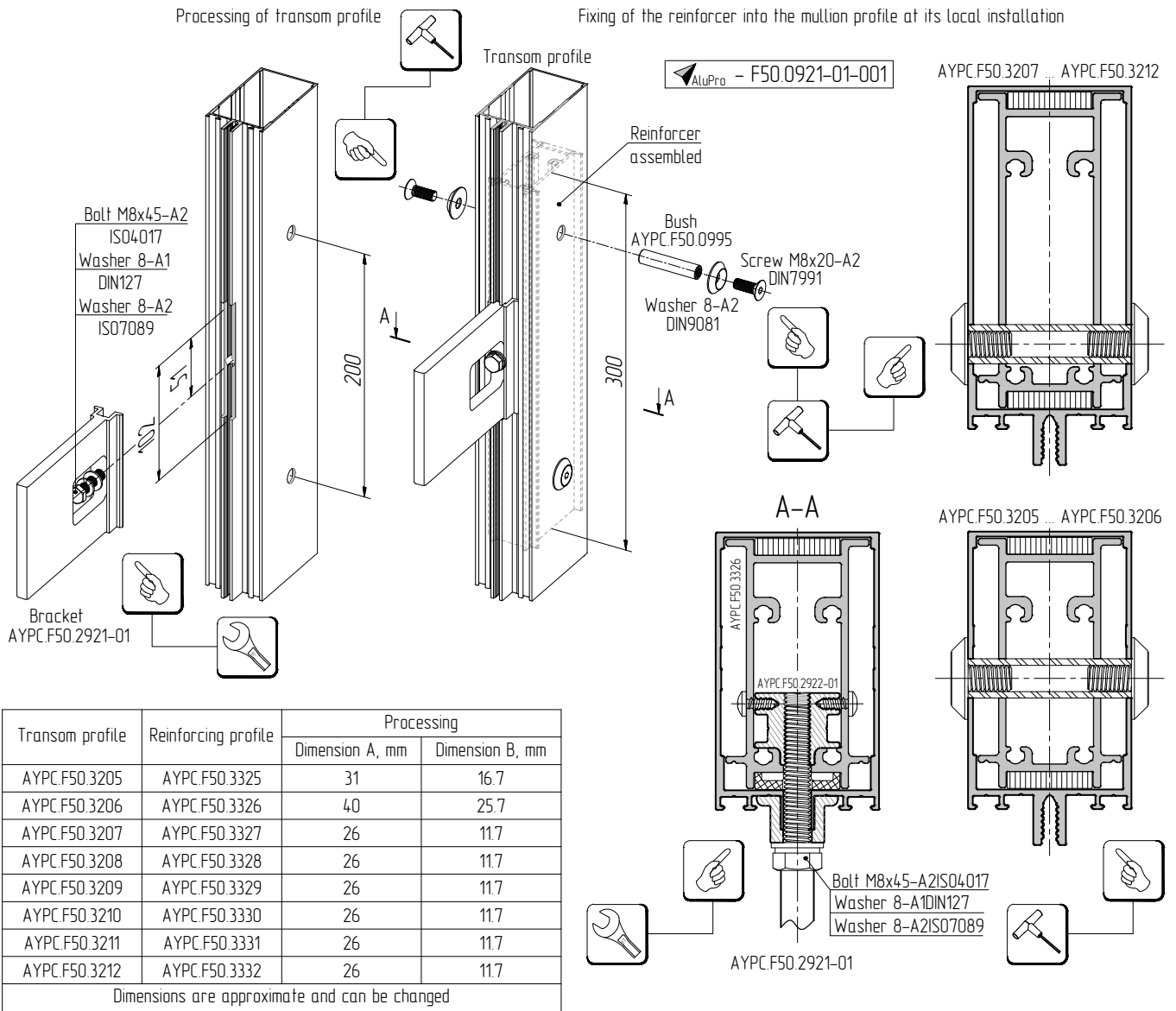


Typical size Mullion/ transom	Reinforcing profile		Processing Dimension A, mm
	Mullion	Transom	
62/67	AYPC.F50.3302	AYPC.F50.3325	18.2
80/85	AYPC.F50.3303	AYPC.F50.3326	
100/105	AYPC.F50.3304	AYPC.F50.3327	
120/125	AYPC.F50.3305	AYPC.F50.3328	
140/145	AYPC.F50.3306	AYPC.F50.3329	
155/160	AYPC.F50.3307	AYPC.F50.3330	
170/175	AYPC.F50.3308	AYPC.F50.3331	
185/190	AYPC.F50.3309	AYPC.F50.3332	

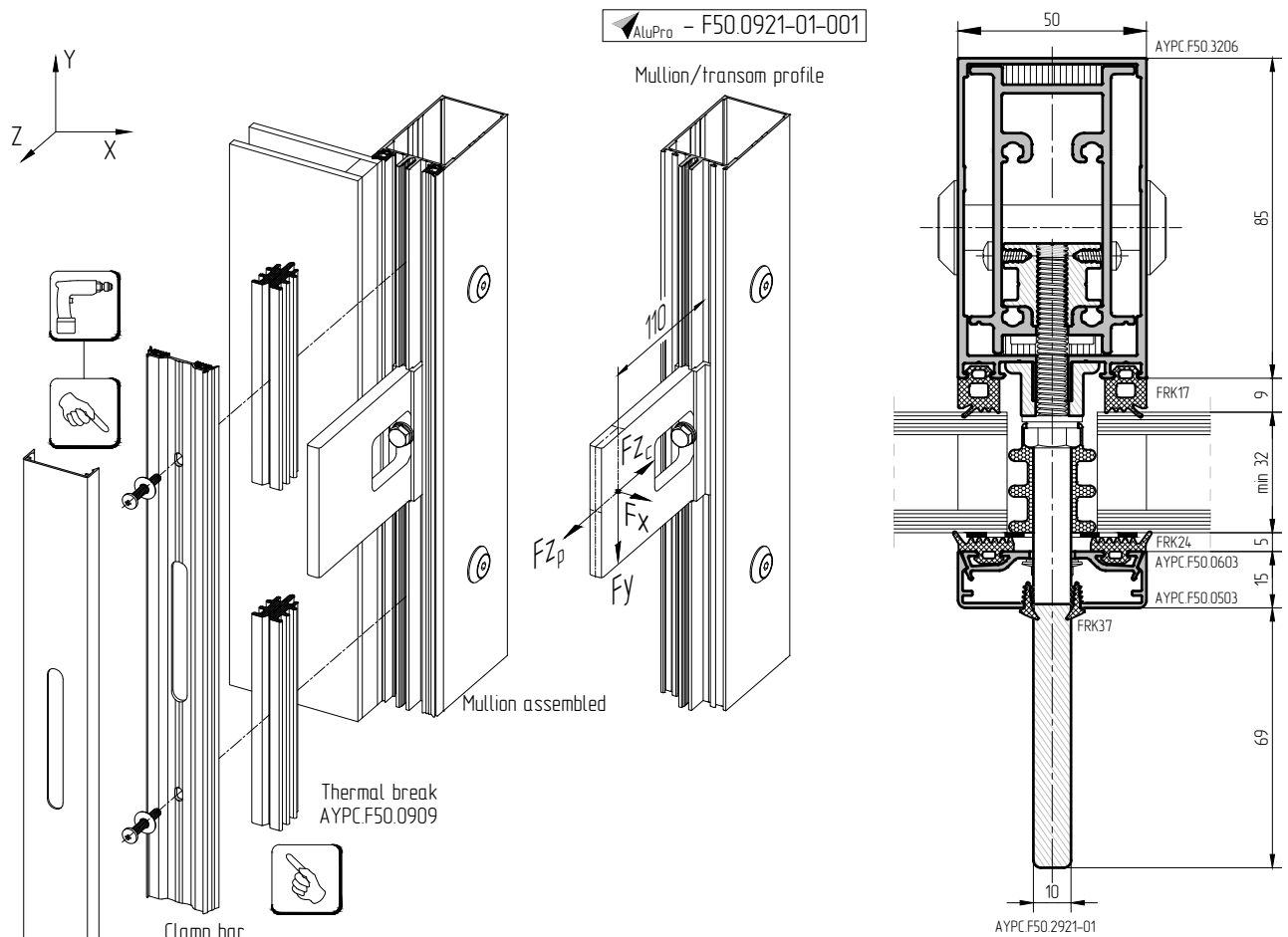
Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2921-01 wind bracket



Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2921-01 wind bracket



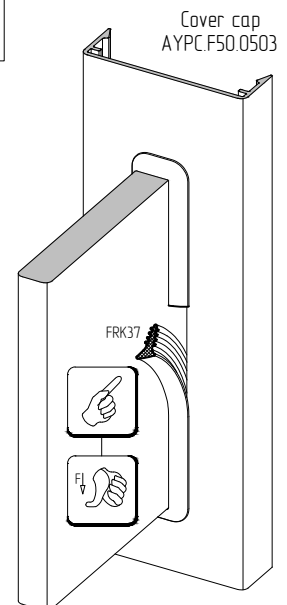
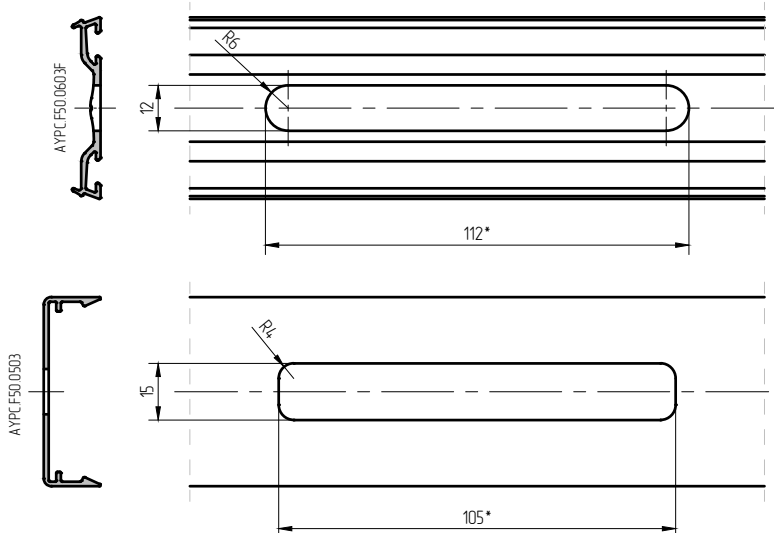
Sequence of processing and assemblage of profiles for the installation of a AYPC.F50.2921-01 wind bracket



Allowable loads on the AYP.C.F50.2921-01 bracket

$F_y = 3000 \text{ N}$	$F_x = 1000 \text{ N}$
$F_{z_p} = 4000 \text{ N}$	$F_{z_c} = 4000 \text{ N}$

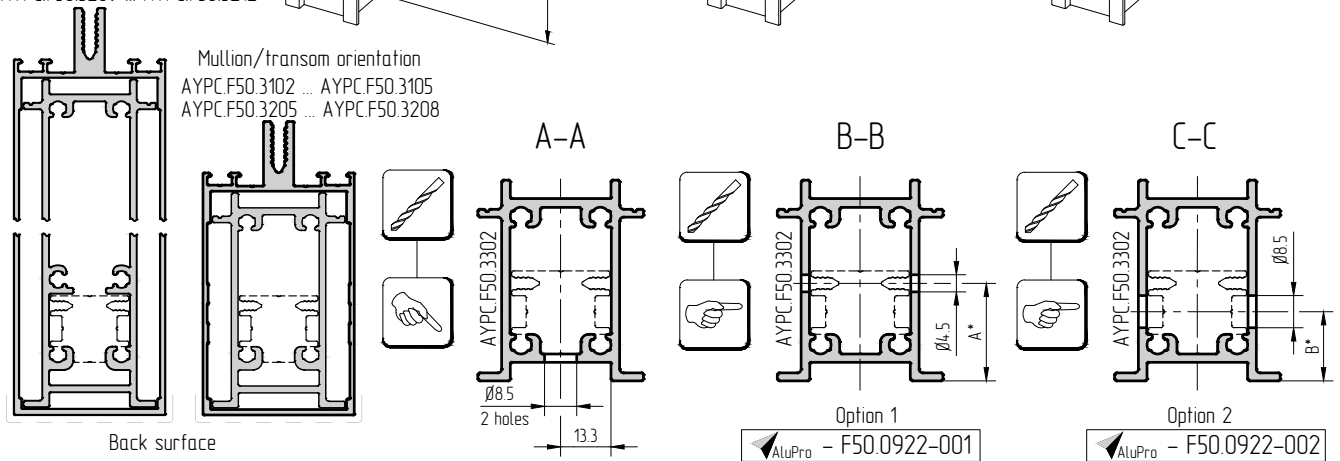
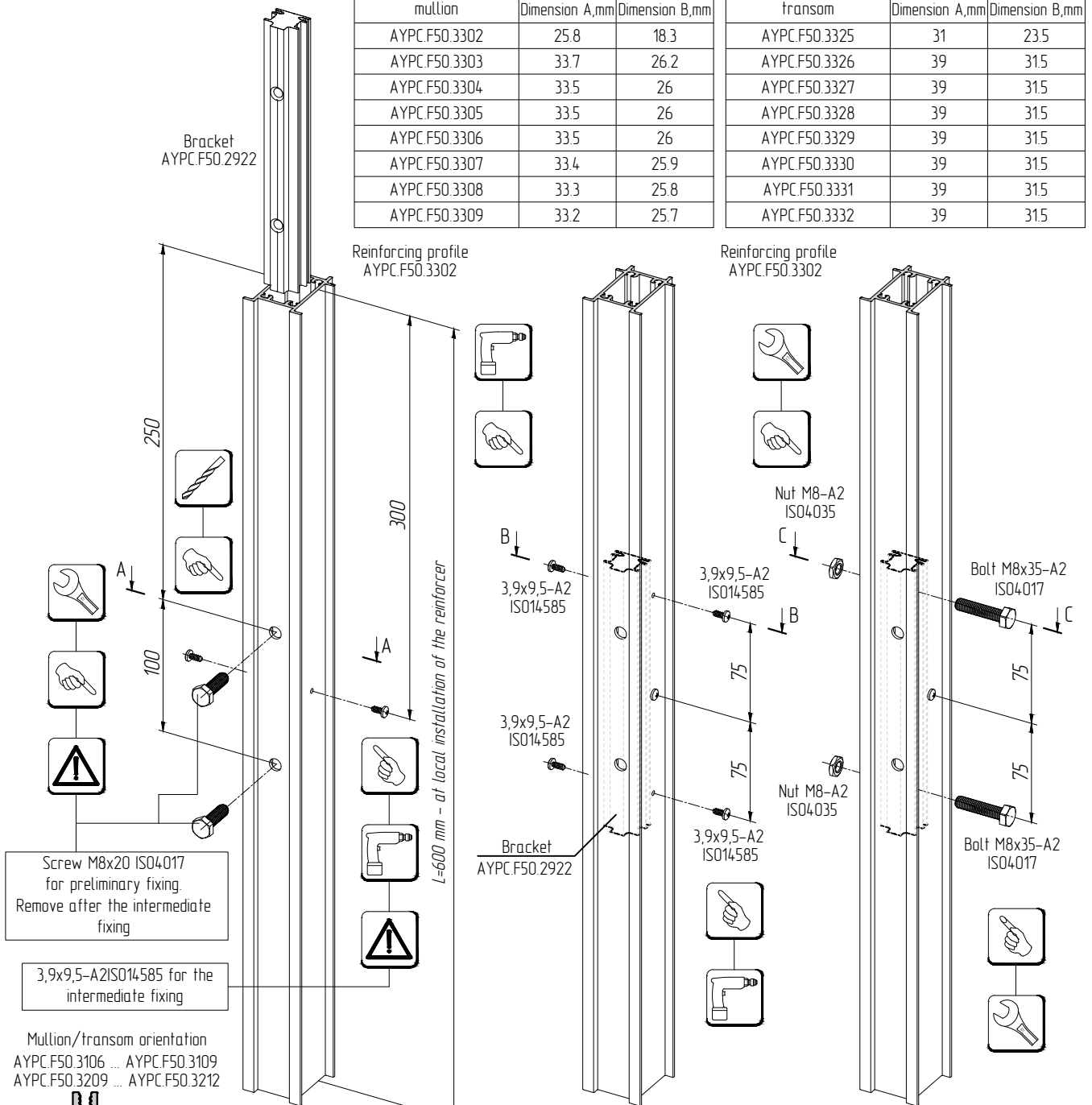
where F_{z_p} - axis force, acting on tension;
 F_{z_c} - axis force, acting on compression



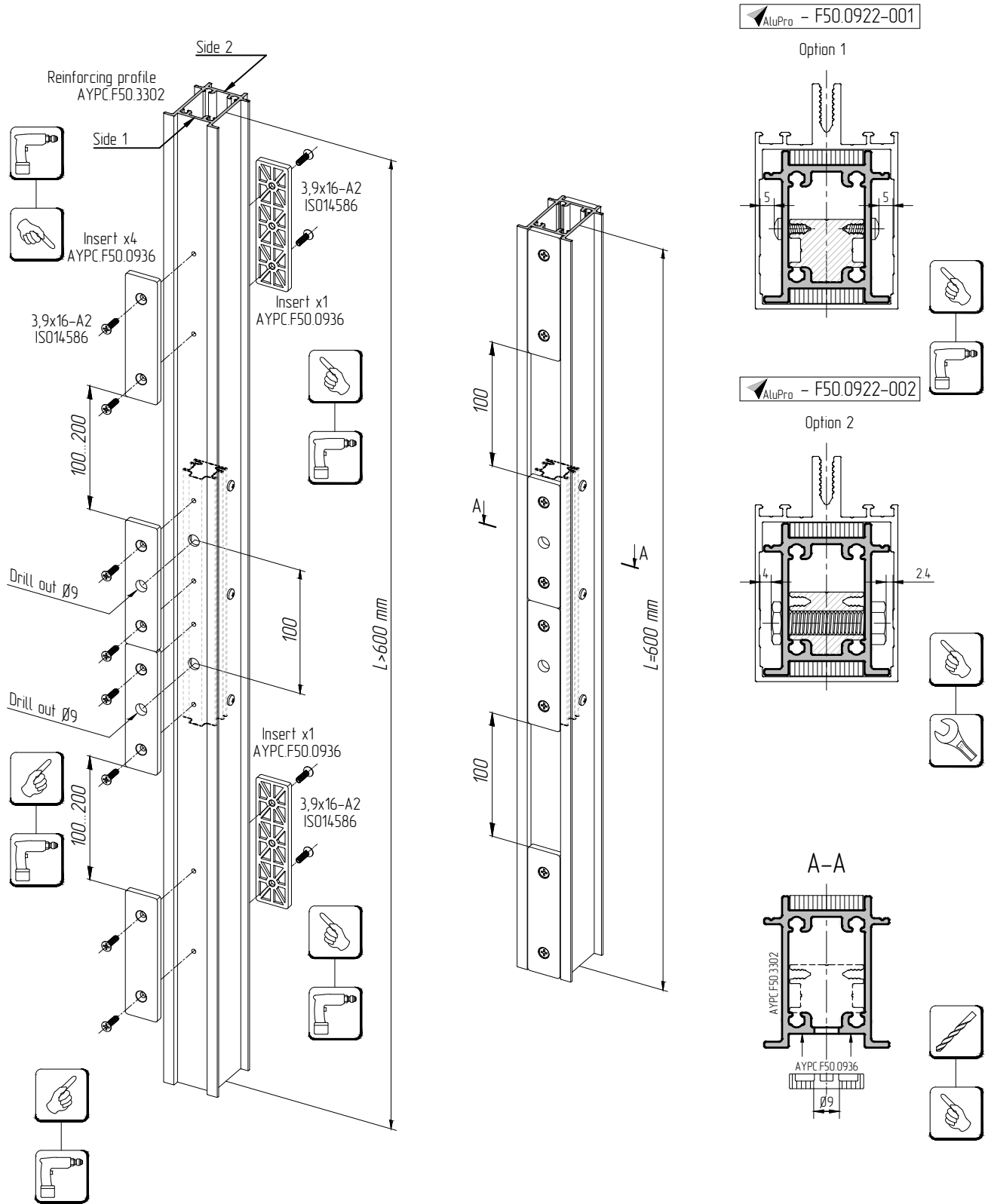
* The dimensions are valid for the length of the AYP.C.F50.0603F clamp bar and the AYP.C.F50.0503 cover cap of no more than 3400 mm

Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2922 bearing bracket from the side of back mullion surface

Reinforcing profile of the mullion	Processing		Reinforcing profile of the transom	Processing	
	Dimension A,mm	Dimension B,mm		Dimension A,mm	Dimension B,mm
AYPC.F50.3302	25.8	18.3	AYPC.F50.3325	31	23.5
AYPC.F50.3303	33.7	26.2	AYPC.F50.3326	39	31.5
AYPC.F50.3304	33.5	26	AYPC.F50.3327	39	31.5
AYPC.F50.3305	33.5	26	AYPC.F50.3328	39	31.5
AYPC.F50.3306	33.5	26	AYPC.F50.3329	39	31.5
AYPC.F50.3307	33.4	25.9	AYPC.F50.3330	39	31.5
AYPC.F50.3308	33.3	25.8	AYPC.F50.3331	39	31.5
AYPC.F50.3309	33.2	25.7	AYPC.F50.3332	39	31.5

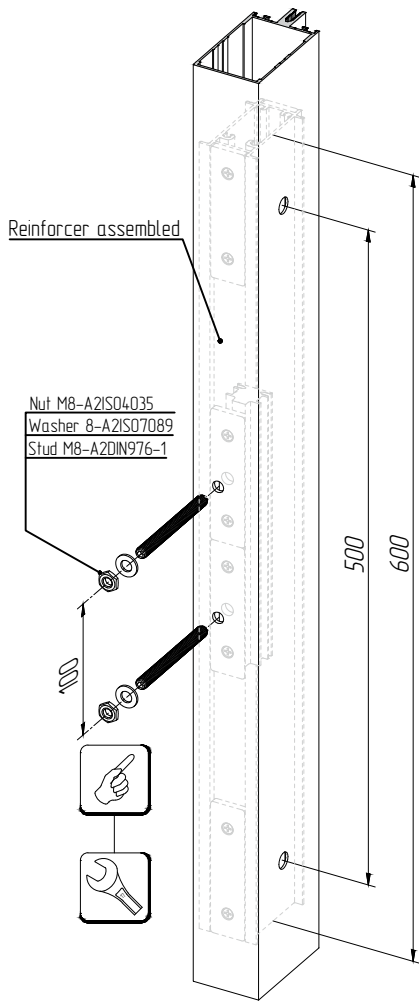


Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2922 bearing bracket from the side of back mullion surface

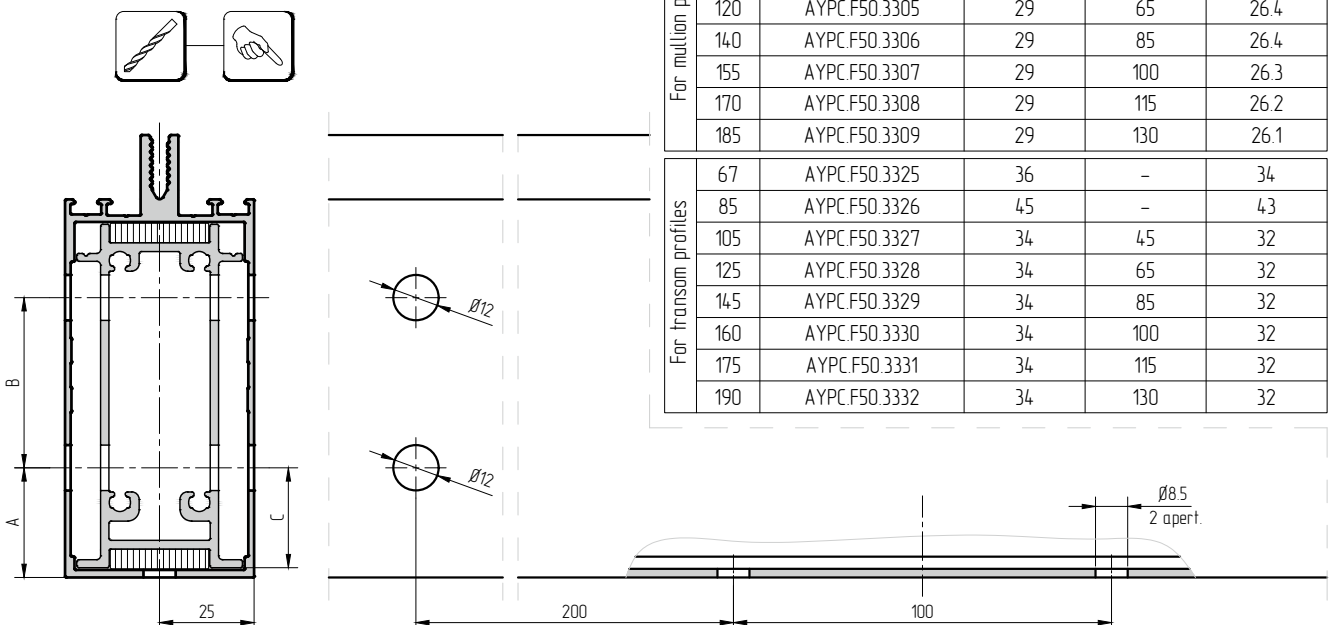
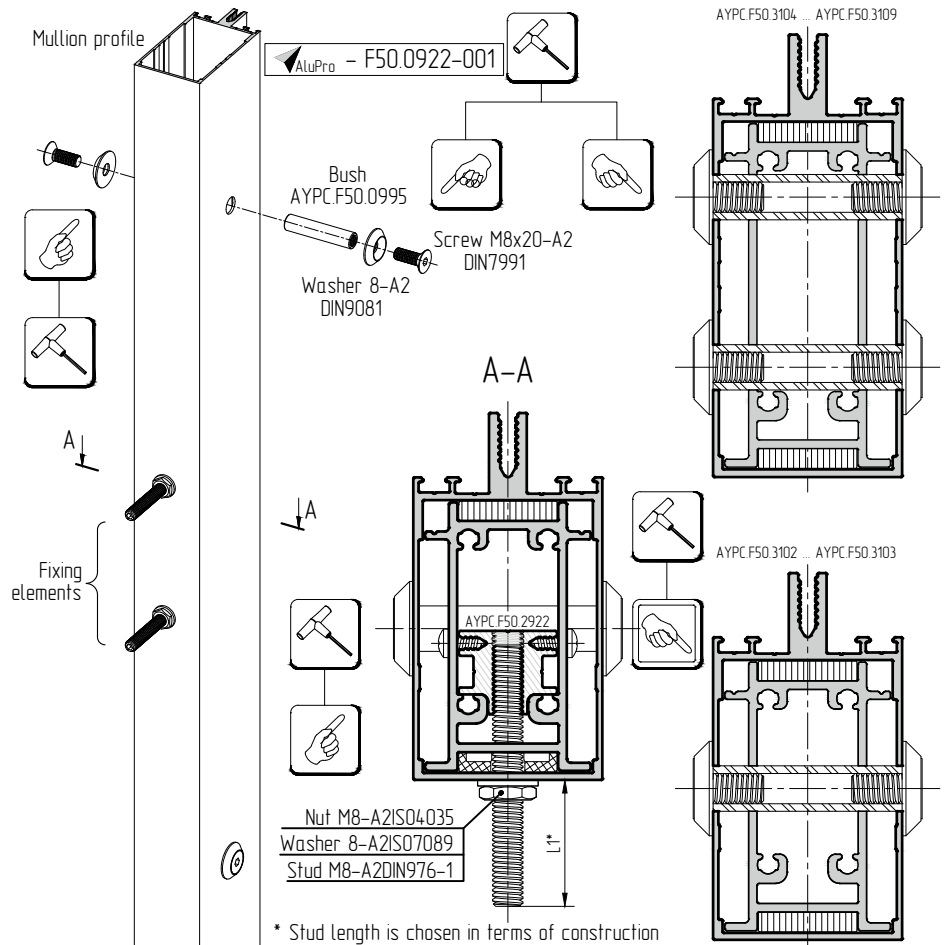


Sequence of assemblage of mullion profiles for the installation of anchor fixing elements from the side of back mullion surface

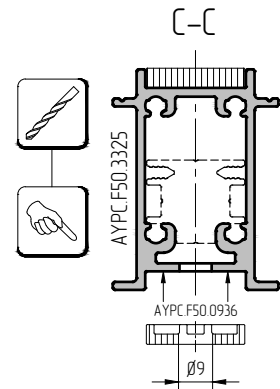
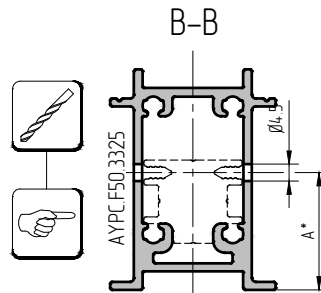
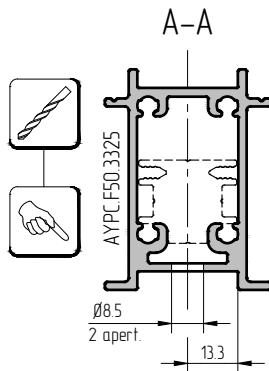
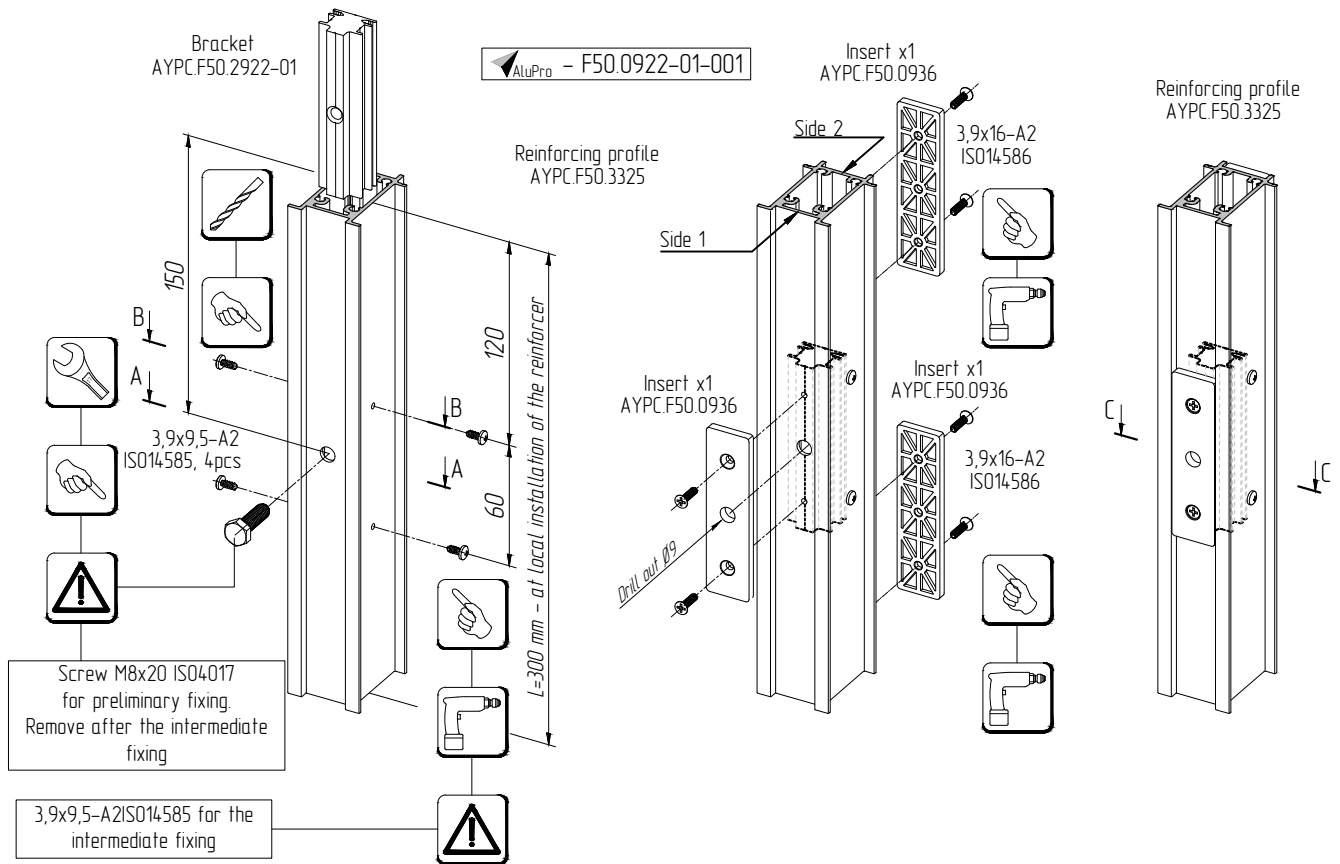
Processing of mullion/transom profile



Fixing of the reinforcer into the mullion profile at its local installation



Sequence of assemblage of a reinforcing profile for the installation of a AYPC.F50.2922-01 bracket from the side of back mullion surface

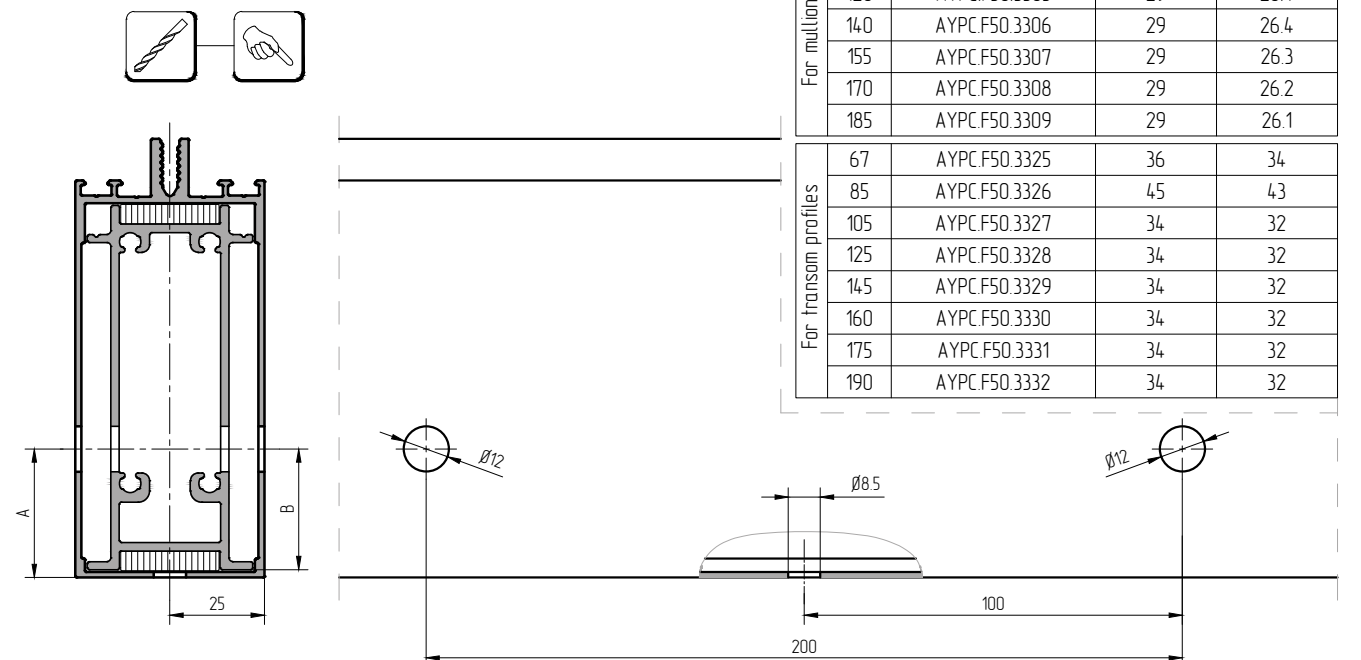
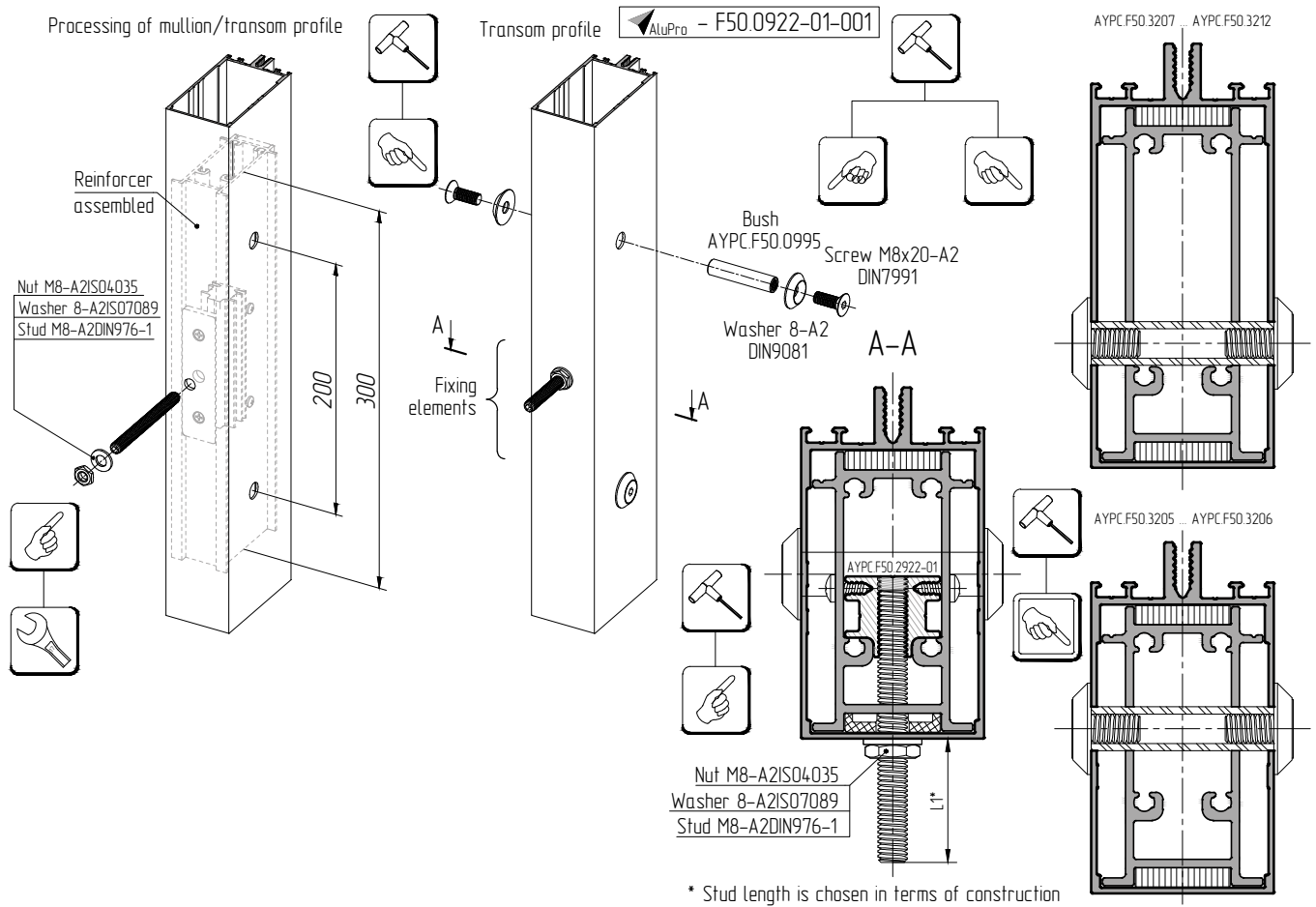


	Typical size	Reinforcing profile	Processing
			Dimension A,mm
For mullion profiles	62	AYPC.F50.3302	25.8
	80	AYPC.F50.3303	33.7
	100	AYPC.F50.3304	33.5
	120	AYPC.F50.3305	33.5
	140	AYPC.F50.3306	33.5
	155	AYPC.F50.3307	33.4
	170	AYPC.F50.3308	33.3
	185	AYPC.F50.3309	33.2

	Typical size	Reinforcing profile	Processing
			Dimension A,mm
For transom profiles	67	AYPC.F50.3325	31
	85	AYPC.F50.3326	39
	105	AYPC.F50.3327	39
	125	AYPC.F50.3328	39
	145	AYPC.F50.3329	39
	160	AYPC.F50.3330	39
	175	AYPC.F50.3331	39
	190	AYPC.F50.3332	39

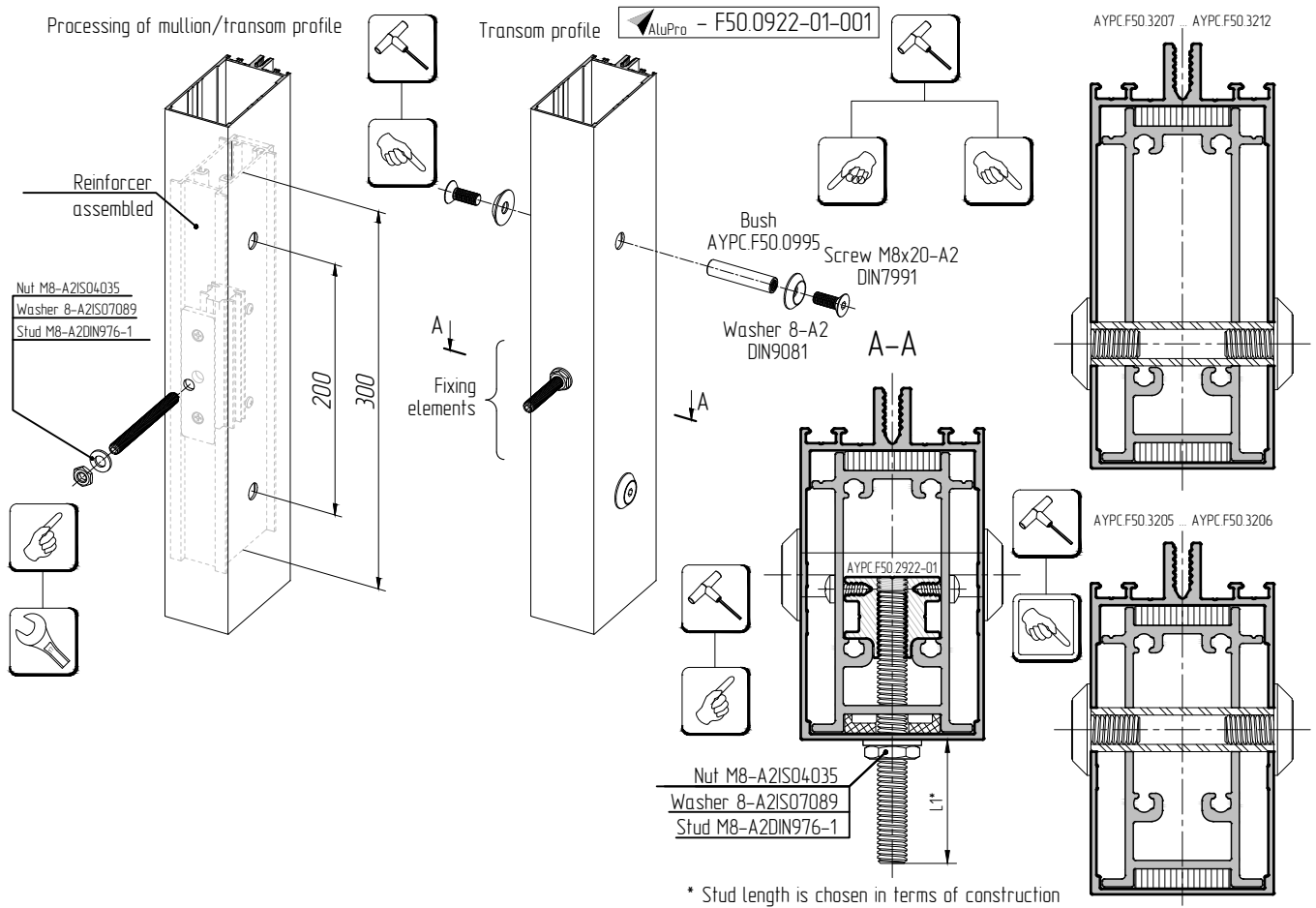
Sequence of assemblage of mullion profiles for the installation of anchor fixing elements from the side of back mullion surface

Fixing of the reinforcer into the mullion profile at its local installation



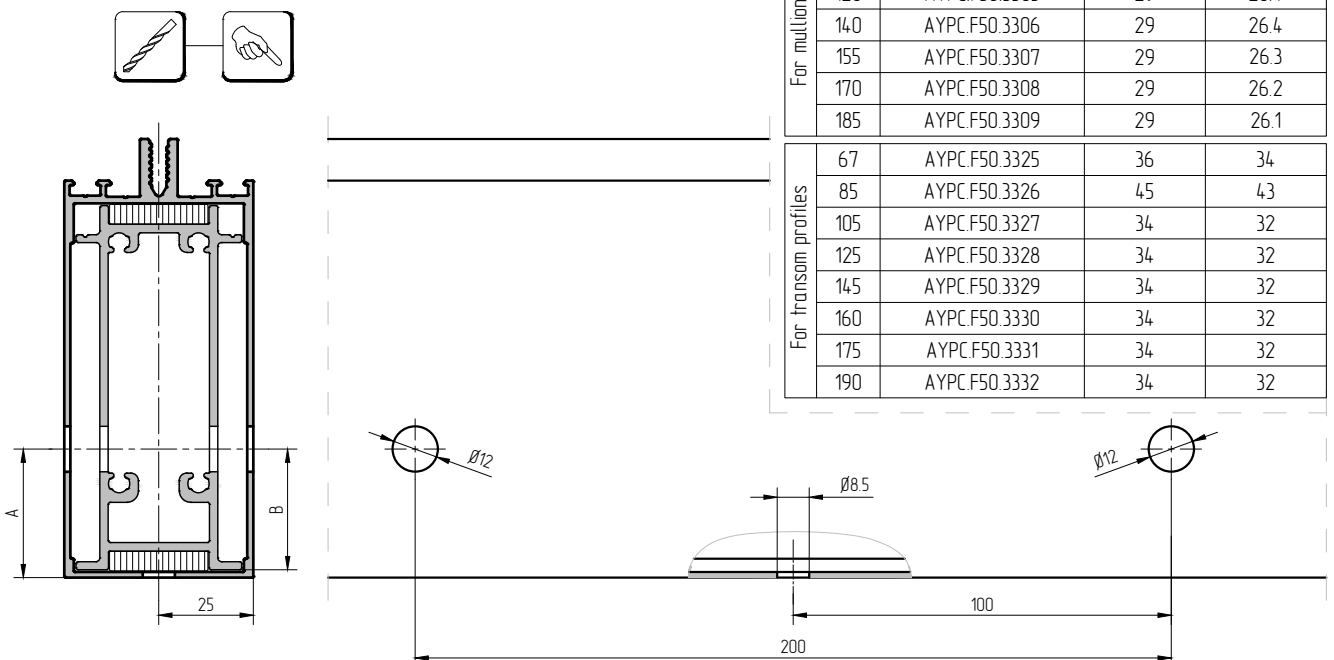
Sequence of assemblage of mullion profiles for the installation of anchor fixing elements from the side of back mullion surface

Fixing of the reinforcer into the mullion profile at its local installation

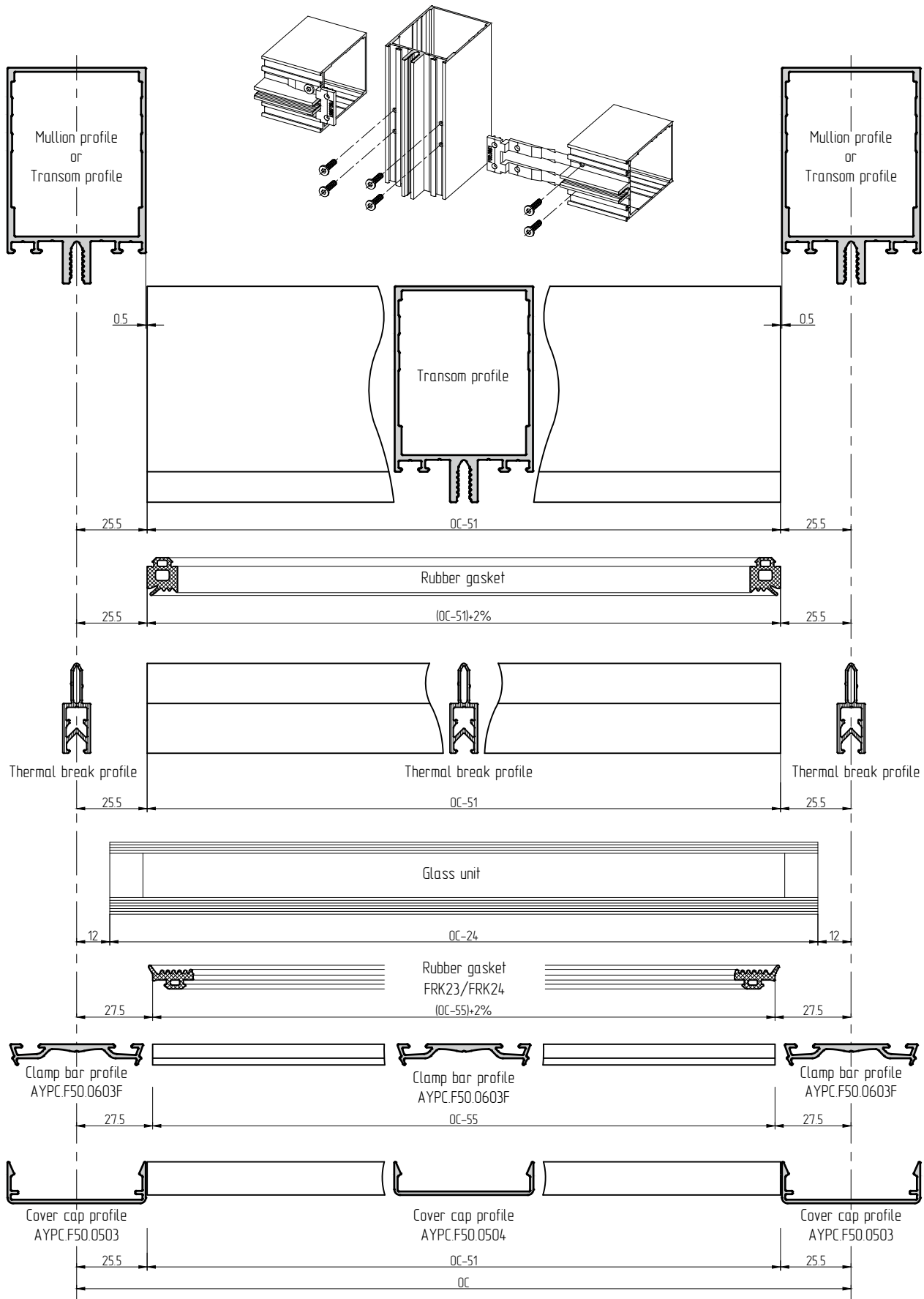


* Stud length is chosen in terms of construction

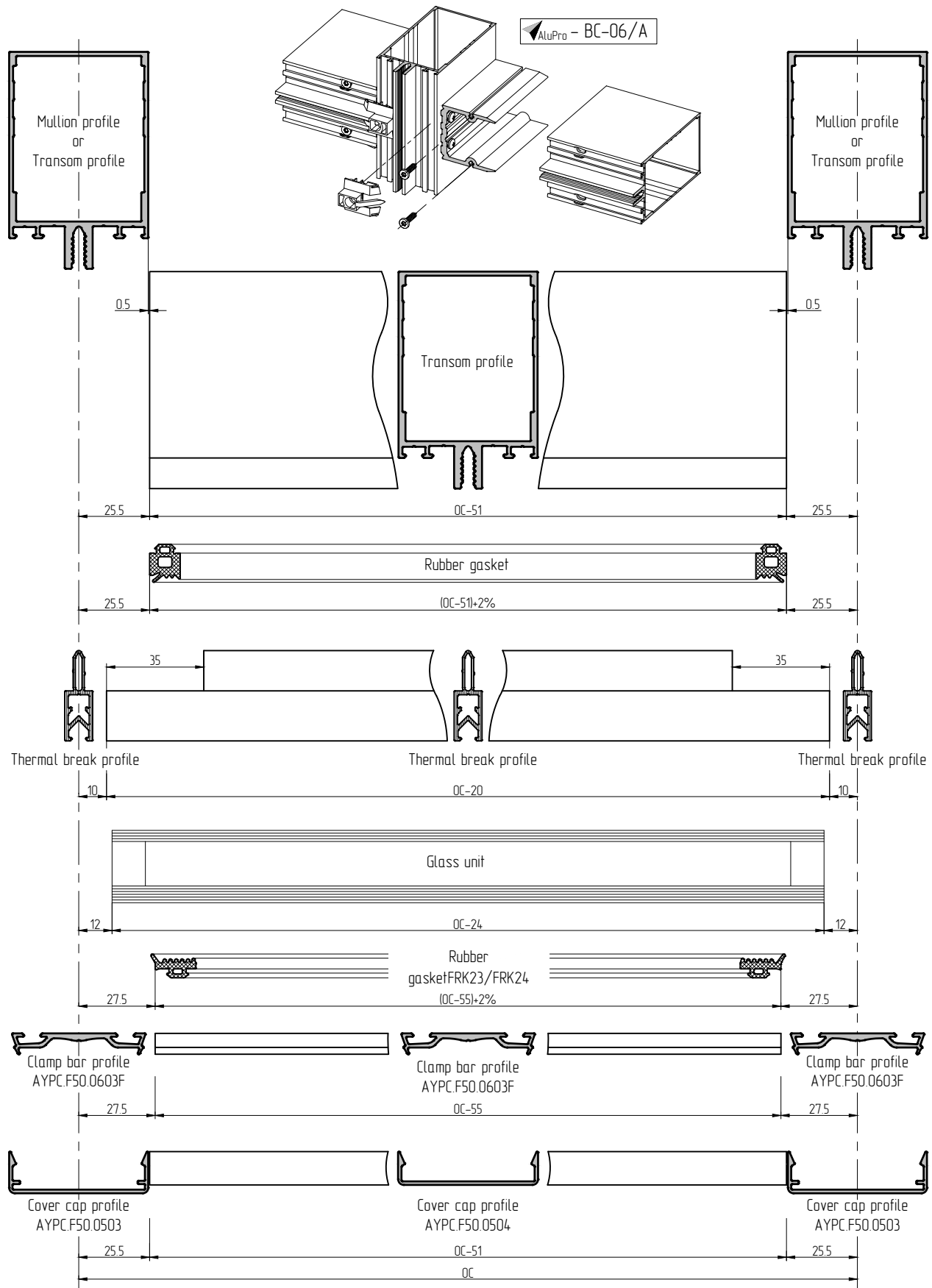
Typical size	Reinforcing profile	Processing		
		Dimension A,mm	Dimension B,mm	
For mullion profiles	62	AYPC.F50.3302	31	28.7
	80	AYPC.F50.3303	40	37.6
	100	AYPC.F50.3304	29	26.4
	120	AYPC.F50.3305	29	26.4
	140	AYPC.F50.3306	29	26.4
	155	AYPC.F50.3307	29	26.3
	170	AYPC.F50.3308	29	26.2
185	AYPC.F50.3309	29	26.1	
For transom profiles	67	AYPC.F50.3325	36	34
	85	AYPC.F50.3326	45	43
	105	AYPC.F50.3327	34	32
	125	AYPC.F50.3328	34	32
	145	AYPC.F50.3329	34	32
	160	AYPC.F50.3330	34	32
	175	AYPC.F50.3331	34	32
	190	AYPC.F50.3332	34	32



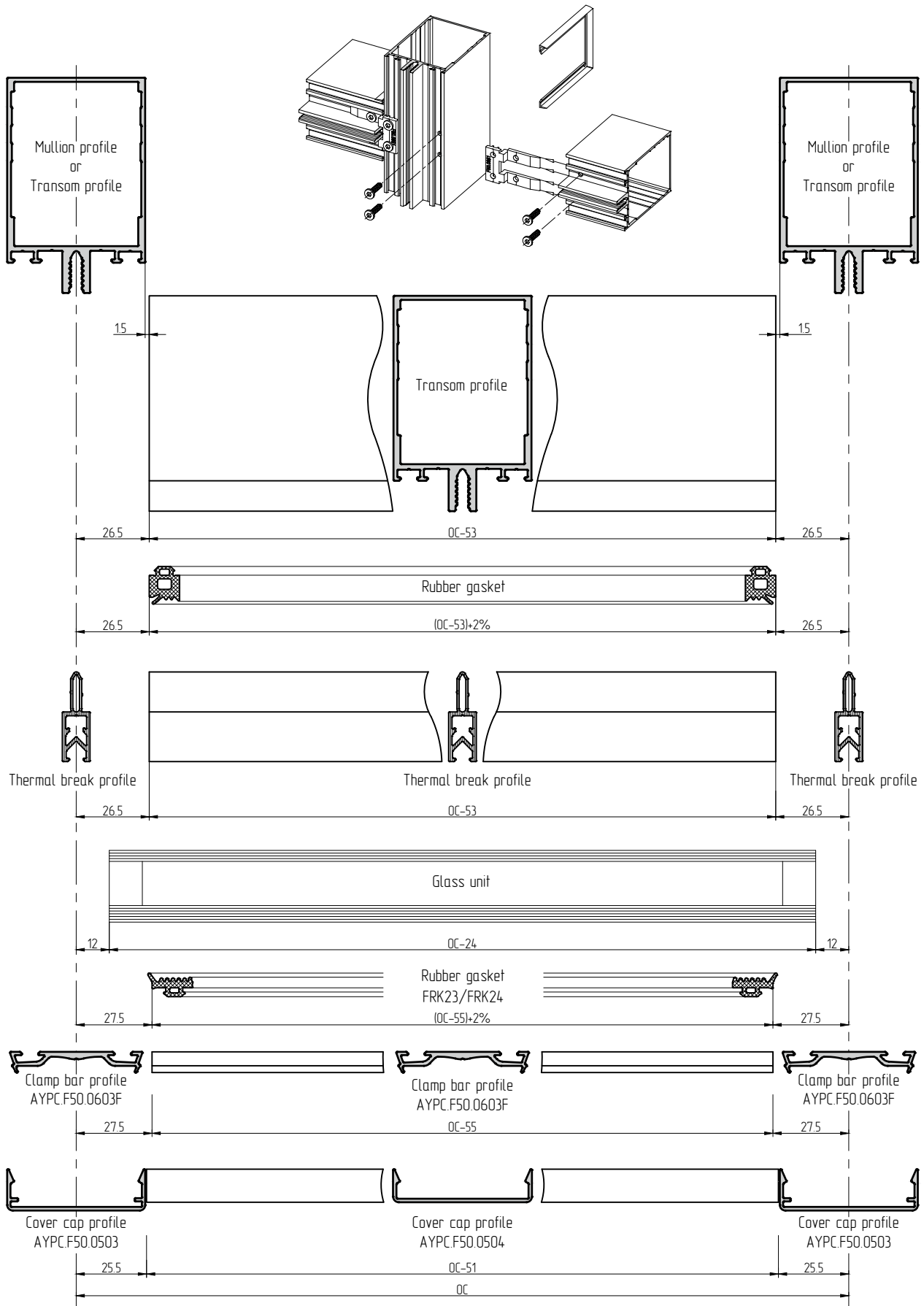
End-to-end profiles connection without plastic end plugs installation



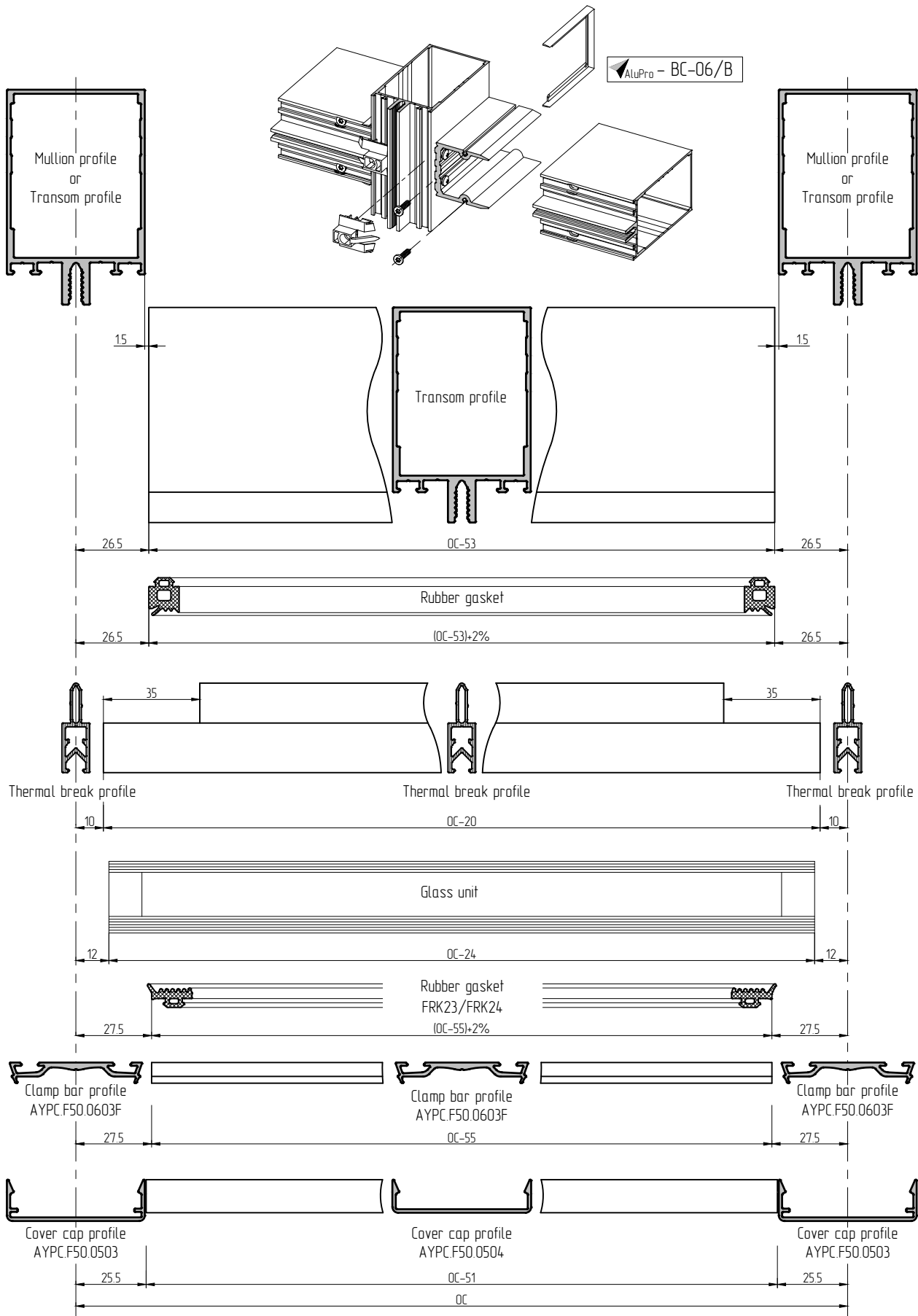
End-to-end profiles connection without plastic end plugs installation



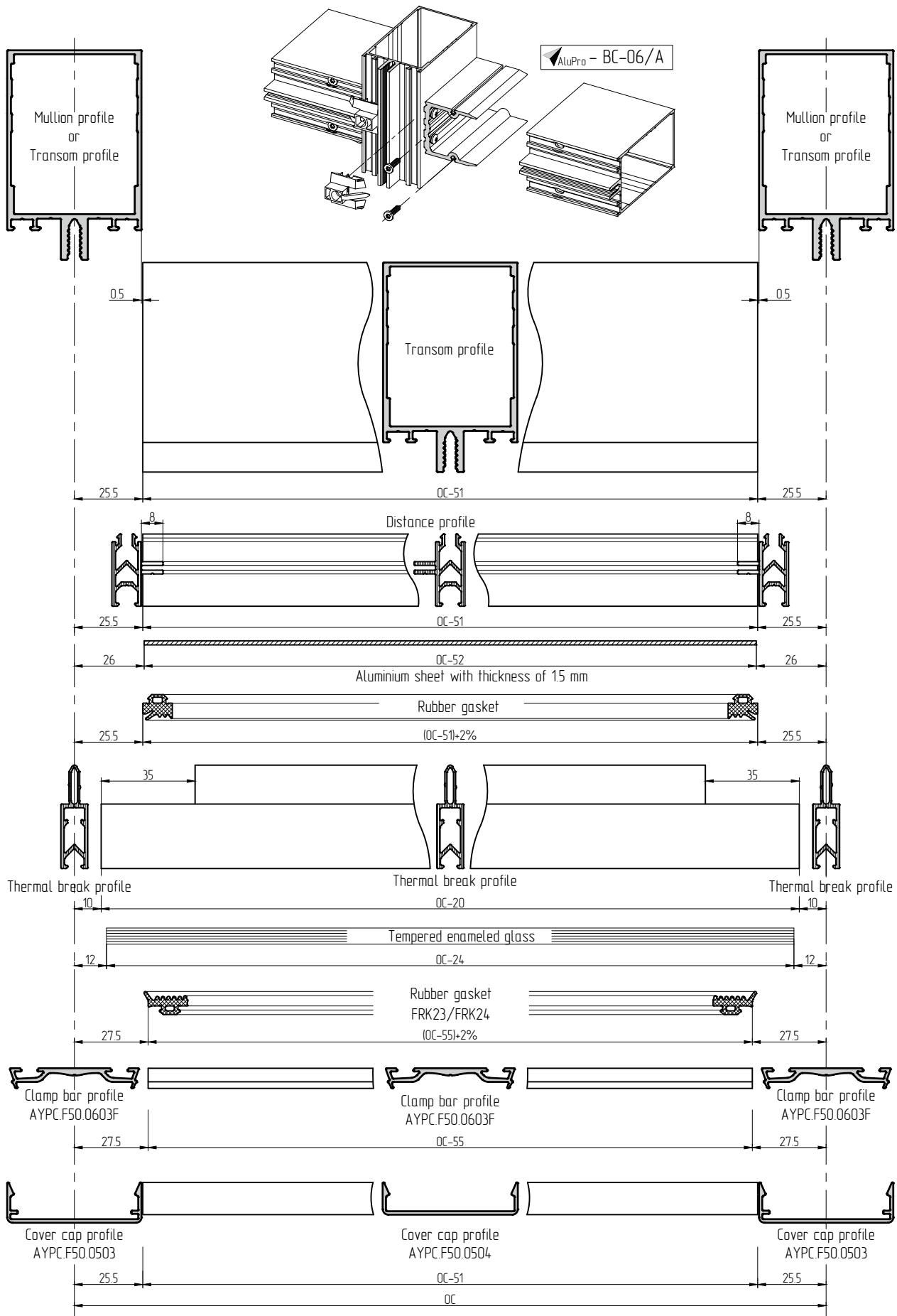
End-to-end connection of profiles with AYPC.F50.0921, AYPC.F50.0921-01, AYPC.F50.0921-02 plastic end plugs installation



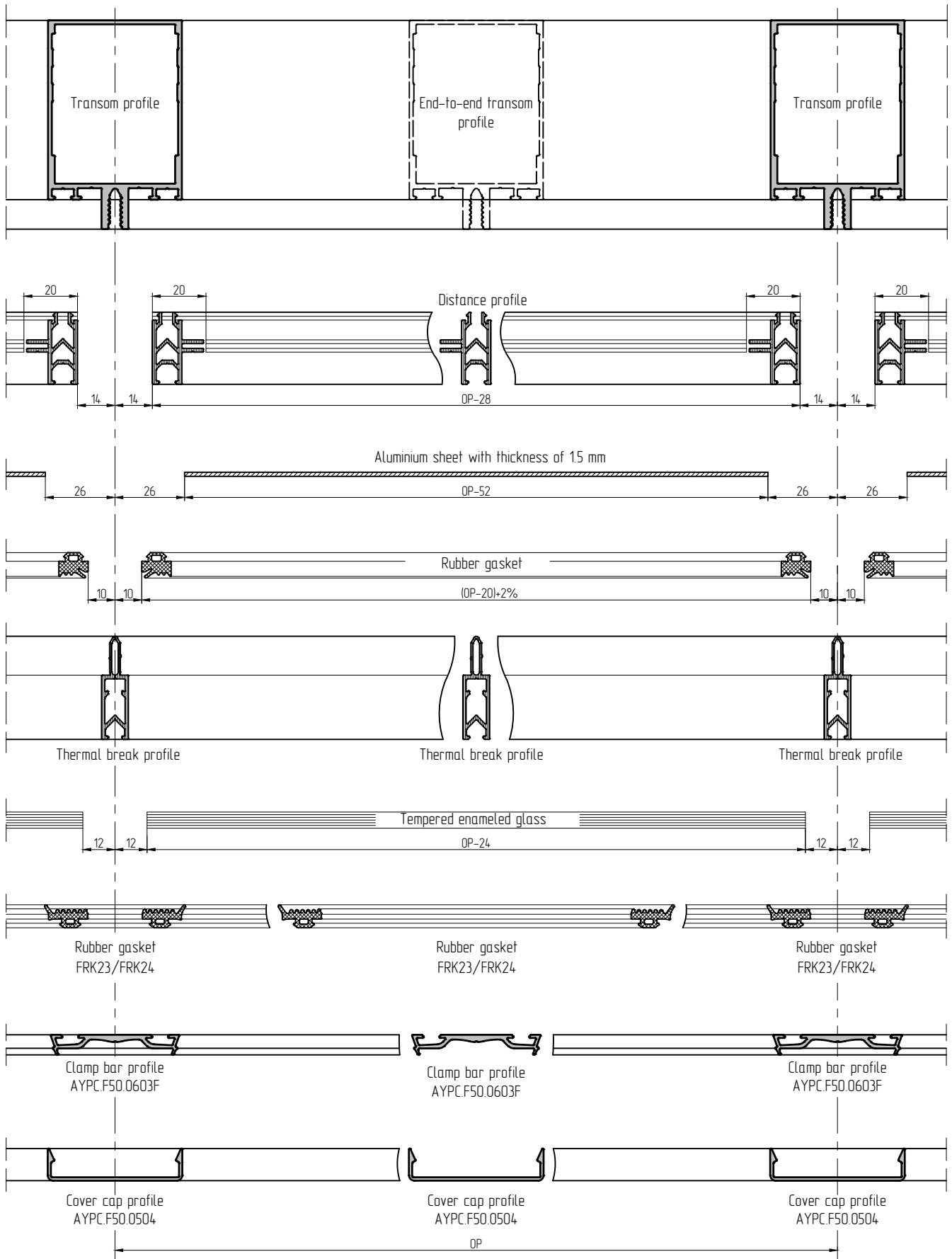
End-to-end connection of profiles with AYPC.F50.0921, AYPC.F50.0921-01, AYPC.F50.0921-02 plastic end plugs installation



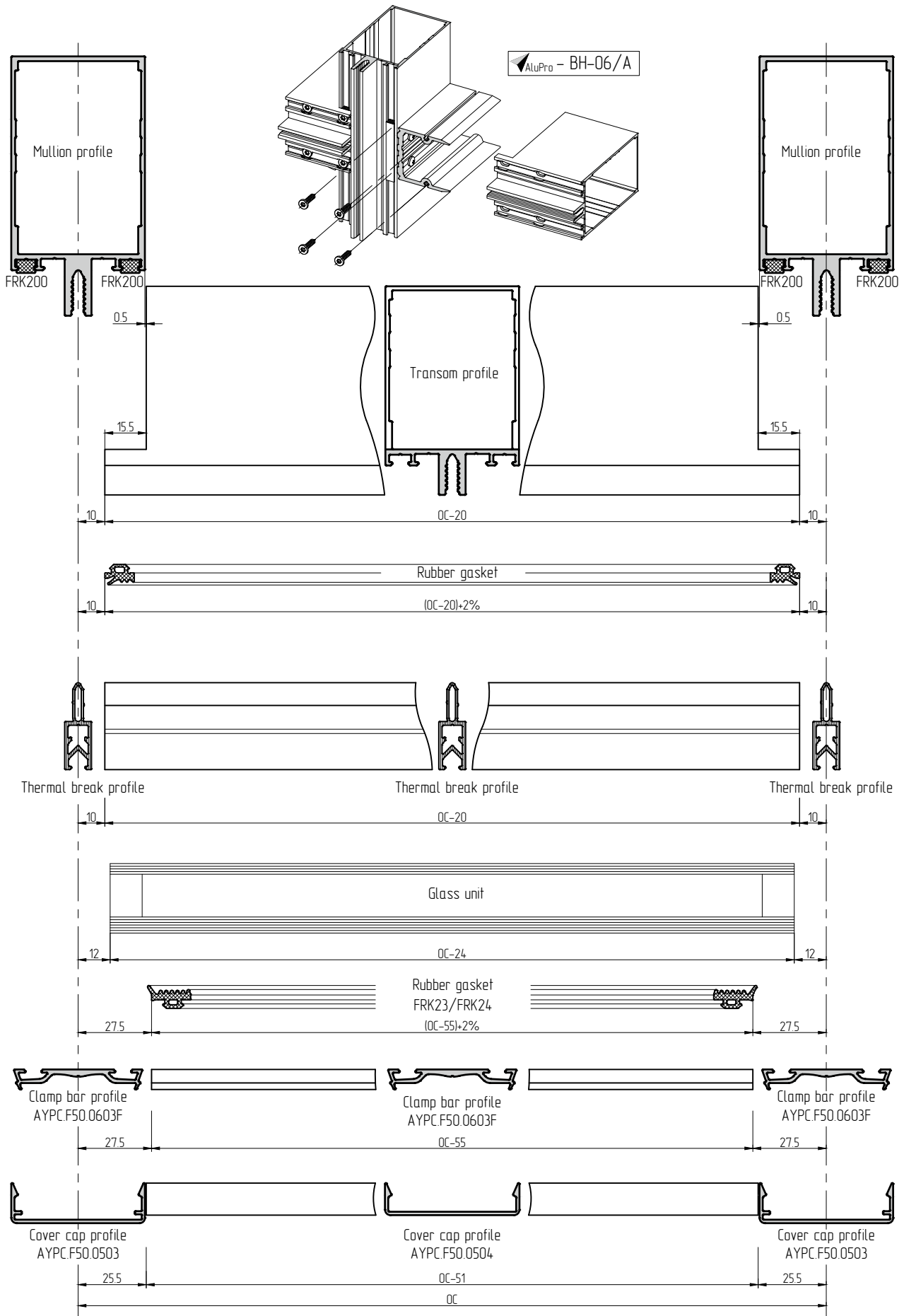
End-to-end connection of profiles in the non-translucent area of the facade structure without plastic end plugs installation



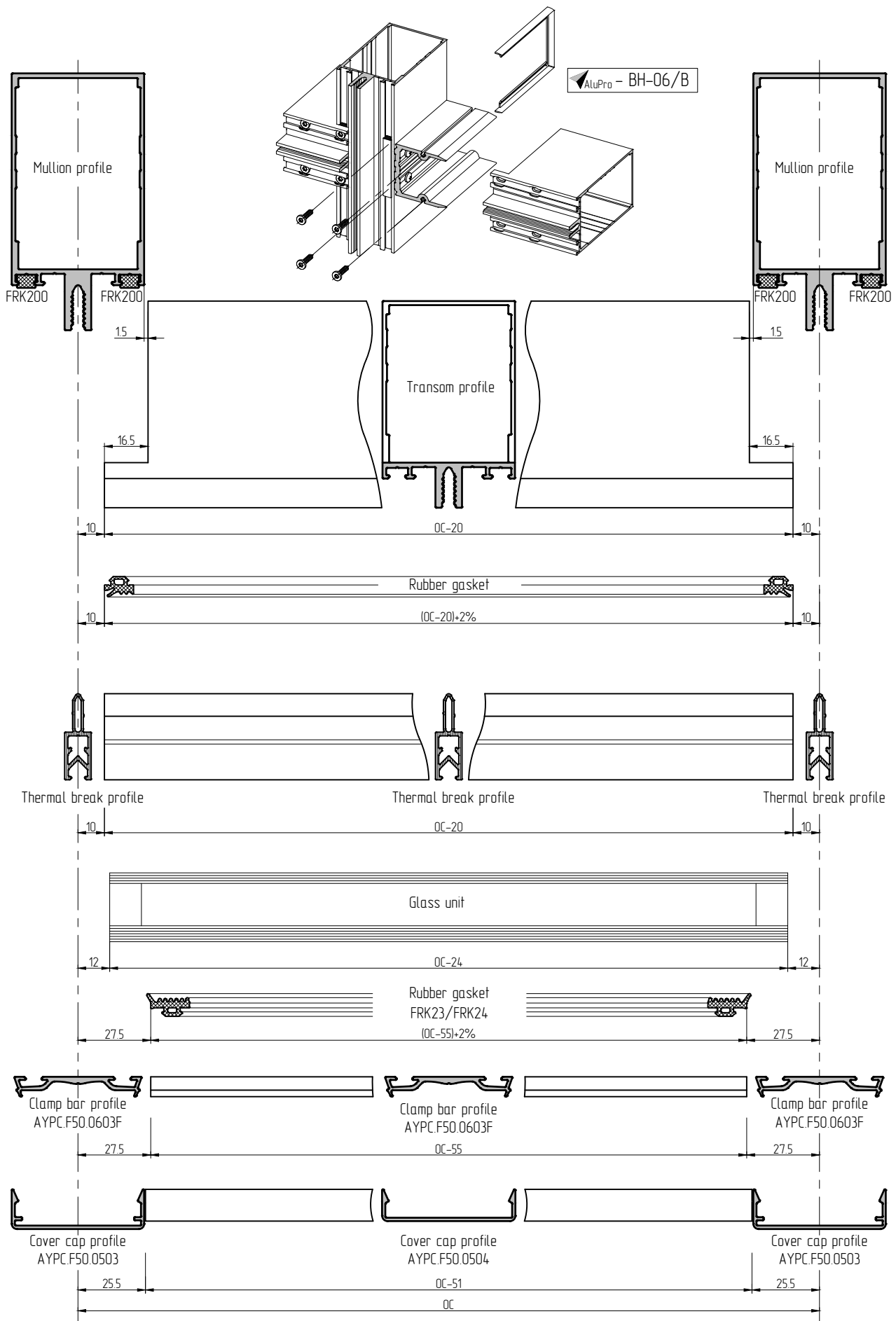
End-to-end connection of profiles in the non-translucent area of the facade structure



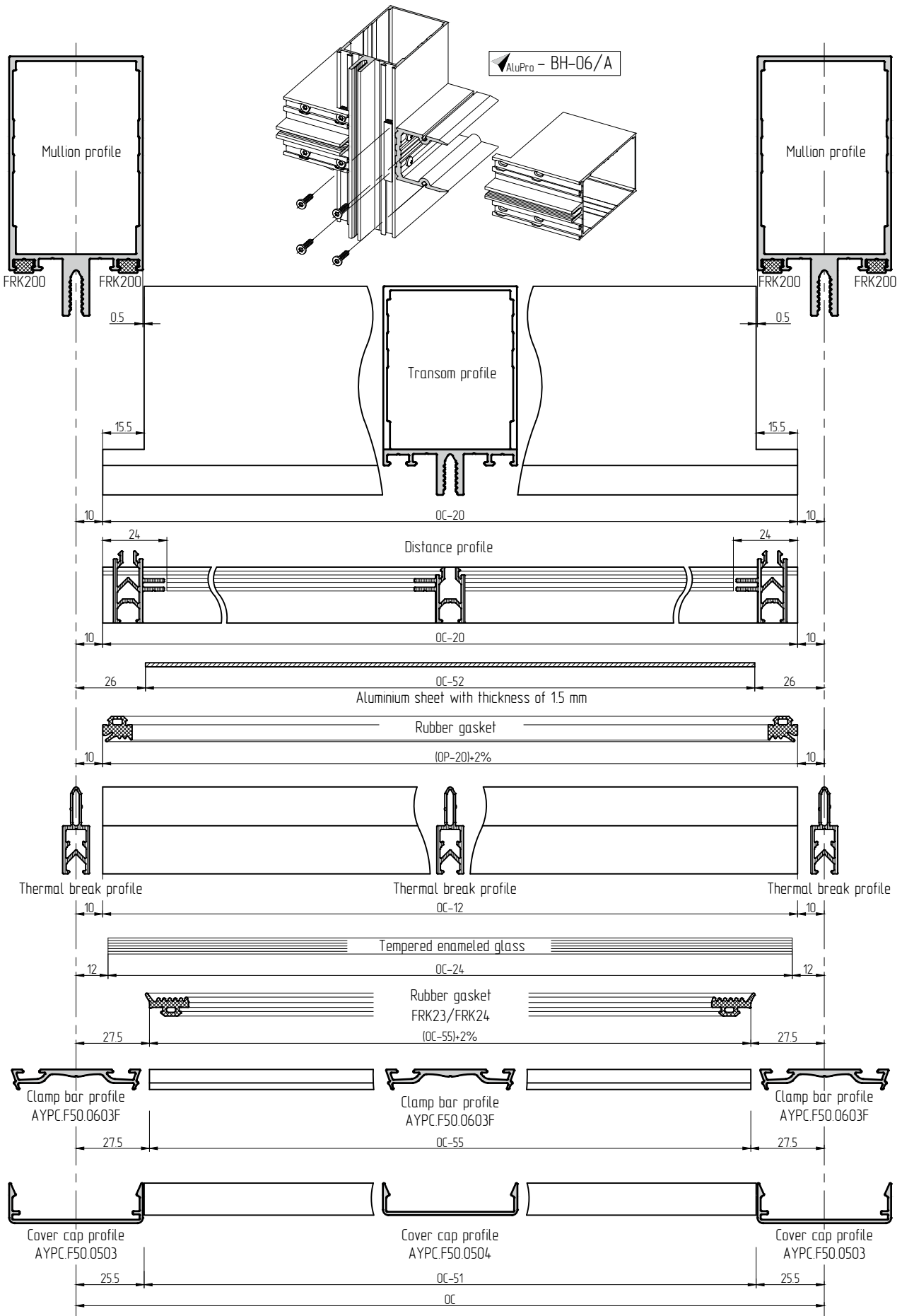
Overlapped connection of profiles without plastic end plugs installation



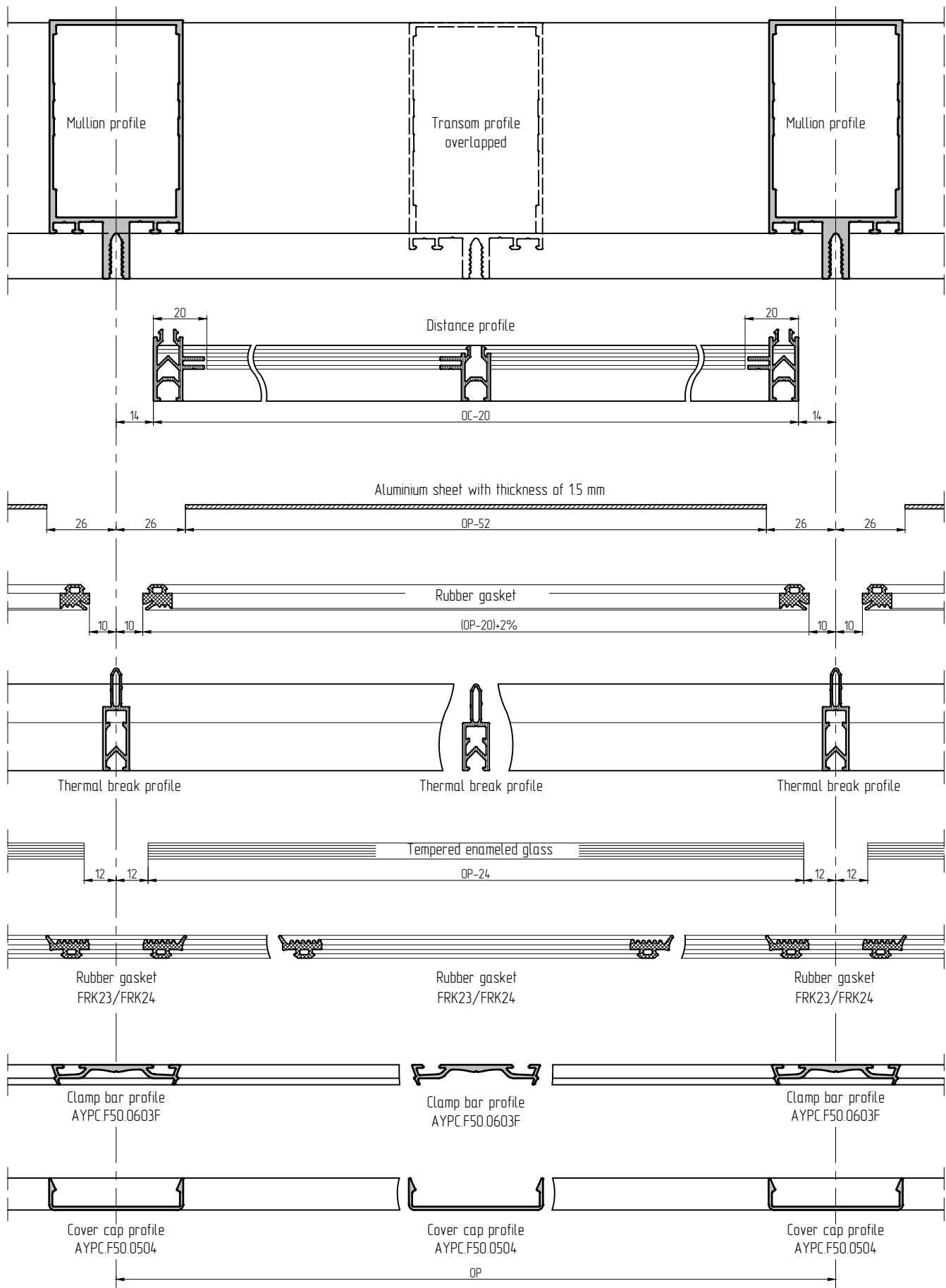
Overlapped connection of profiles without plastic end plugs installation



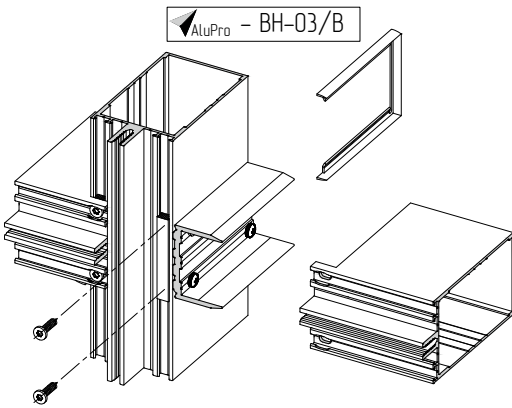
Overlapped connection of profiles in the non-translucent area of the facade structure without plastic end plugs installation



Overlapped connection of profiles in the non-translucent area of the facade structure



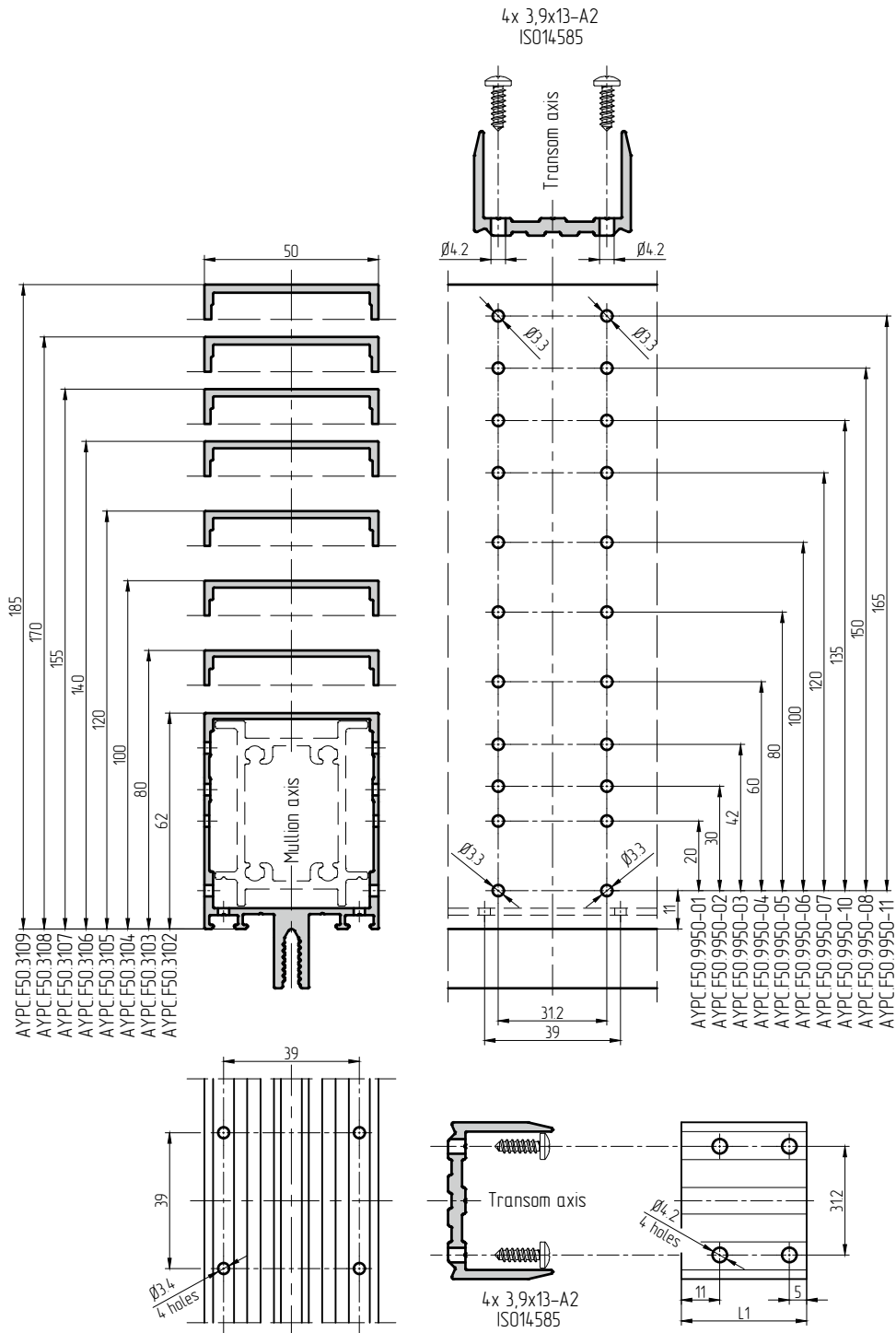
Processing of Mullions for joining elements installation. Overlapped connection of Mullions and Transoms 6 mm



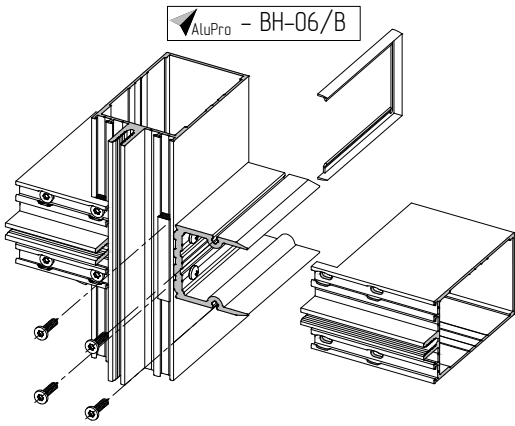
Sealing support made of FRK200
For Mullions and Transoms connection:
- overlapped 6 mm

Install only after Mullions processing

Joining element made of AYPC.F50.0405 profile		
Article	Length L1, mm	For transom
AYPC.F50.9950-01	36	AYPC.F50.3203
AYPC.F50.9950-02	45	AYPC.F50.3204
AYPC.F50.9950-03	58	AYPC.F50.3205
AYPC.F50.9950-04	76	AYPC.F50.3206
AYPC.F50.9950-05	96	AYPC.F50.3207
AYPC.F50.9950-06	116	AYPC.F50.3208
AYPC.F50.9950-07	136	AYPC.F50.3209
AYPC.F50.9950-10	151	AYPC.F50.3210
AYPC.F50.9950-08	166	AYPC.F50.3211
AYPC.F50.9950-11	181	AYPC.F50.3212



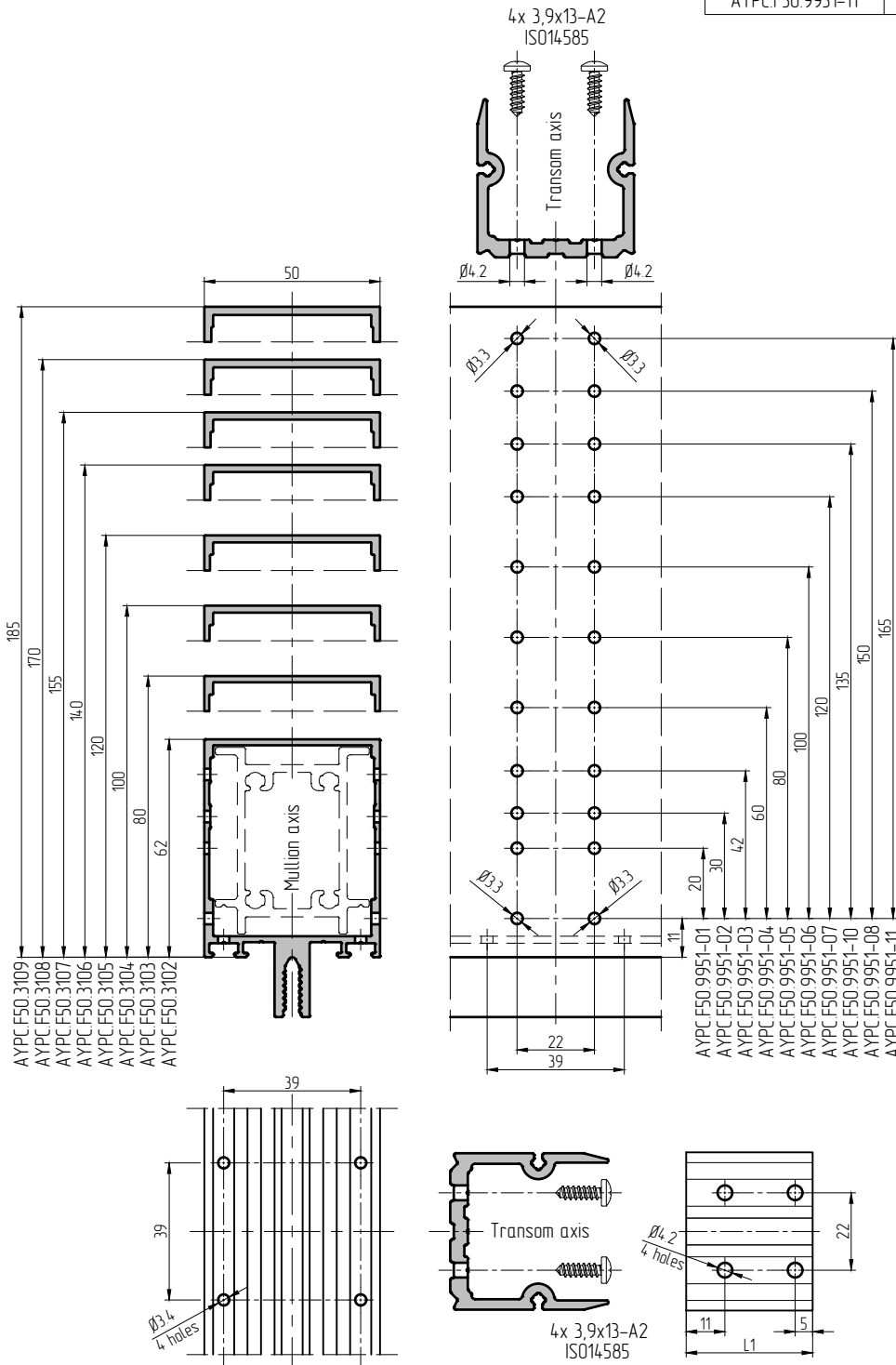
Processing of mullions for joining elements installation. Overlapped connection of mullions and transoms 6 mm



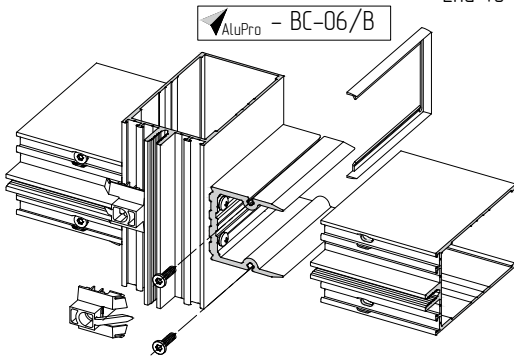
Sealing support made of FRK200
For mullions and transoms connection:
- overlapped 6 mm

Install only after mullions processing

Joining element made of AYPC.F50.0413 profile		
Article	Length L1, mm	For transom
AYPC.F50.9951-01	36	AYPC.F50.3203
AYPC.F50.9951-02	45	AYPC.F50.3204
AYPC.F50.9951-03	58	AYPC.F50.3205
AYPC.F50.9951-04	76	AYPC.F50.3206
AYPC.F50.9951-05	96	AYPC.F50.3207
AYPC.F50.9951-06	116	AYPC.F50.3208
AYPC.F50.9951-07	136	AYPC.F50.3209
AYPC.F50.9951-10	151	AYPC.F50.3210
AYPC.F50.9950-08	166	AYPC.F50.3211
AYPC.F50.9951-11	181	AYPC.F50.3212



Processing of mullions and transoms, used as mullions, for joining elements installation.
End-to-end connection of mullions and transoms



AYPC.F50.3924 Joint plug

For connection of mullions and transoms or transoms and transoms - end-to-end

⚠ Install and waterproof after mullions processing

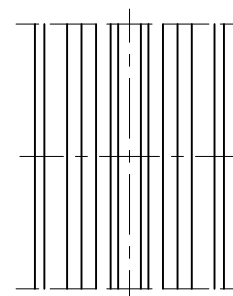
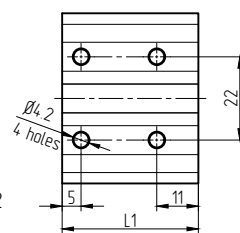
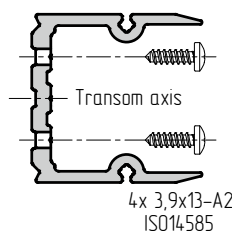
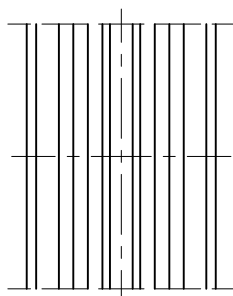
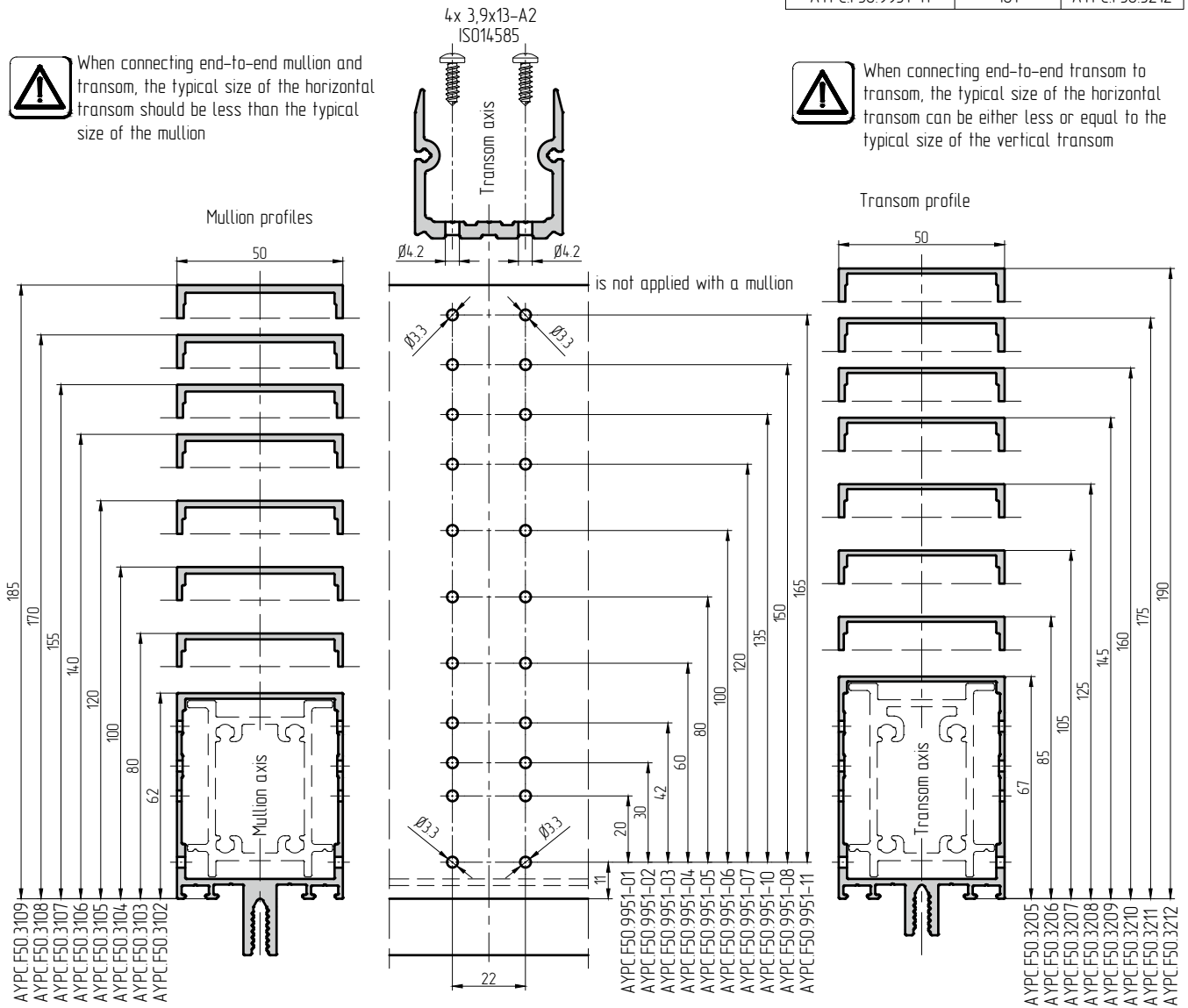
Joining element made of AYPC.F50.0413 profile		
Article	Length L1, mm	For transom
AYPC.F50.9951-01	36	AYPC.F50.3203
AYPC.F50.9951-02	45	AYPC.F50.3204
AYPC.F50.9951-03	58	AYPC.F50.3205
AYPC.F50.9951-04	76	AYPC.F50.3206
AYPC.F50.9951-05	96	AYPC.F50.3207
AYPC.F50.9951-06	116	AYPC.F50.3208
AYPC.F50.9951-07	136	AYPC.F50.3209
AYPC.F50.9951-10	151	AYPC.F50.3210
AYPC.F50.9950-08	166	AYPC.F50.3211
AYPC.F50.9951-11	181	AYPC.F50.3212



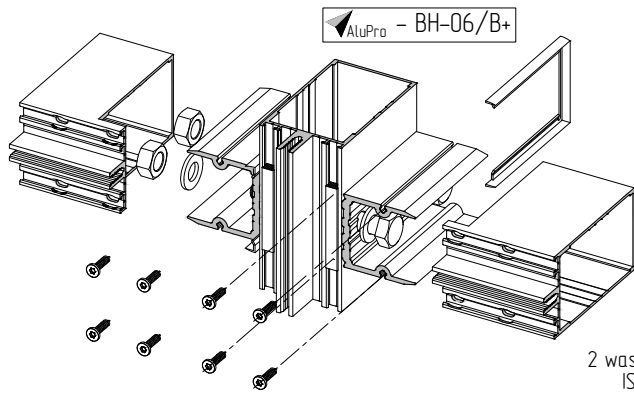
When connecting end-to-end mullion and transom, the typical size of the horizontal transom should be less than the typical size of the mullion



When connecting end-to-end transom to transom, the typical size of the horizontal transom can be either less or equal to the typical size of the vertical transom



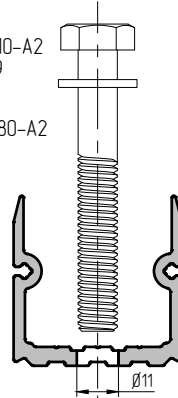
Processing of Mullions for joining elements installation. Overlapped connection of Mullions and transoms 6 mm



Joining element made of AYPC.F50.0413 profile		
Length L1, mm	Length L2, mm	For transom
76	35	AYPC.F50.3206
96	55	AYPC.F50.3207
116	75	AYPC.F50.3208
136	95	AYPC.F50.3209
151	110	AYPC.F50.3210
166	125	AYPC.F50.3211
181	140	AYPC.F50.3212

2 washers 10-A2
ISO7089

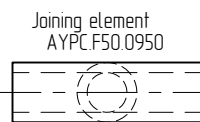
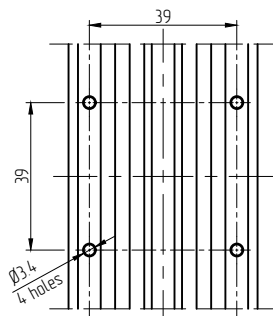
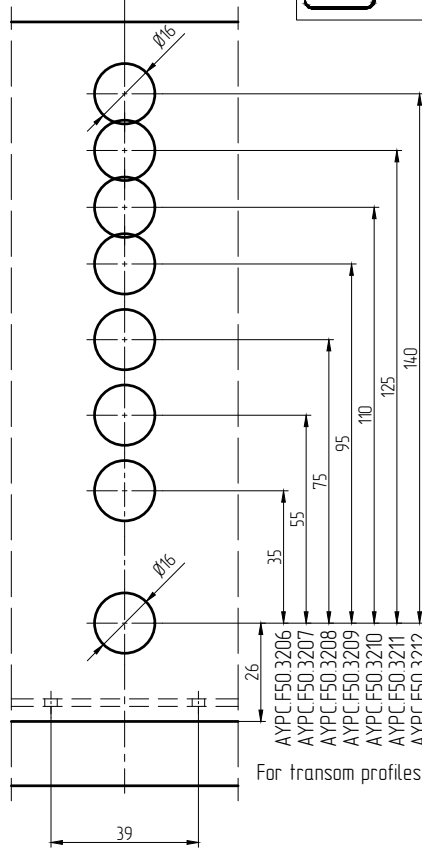
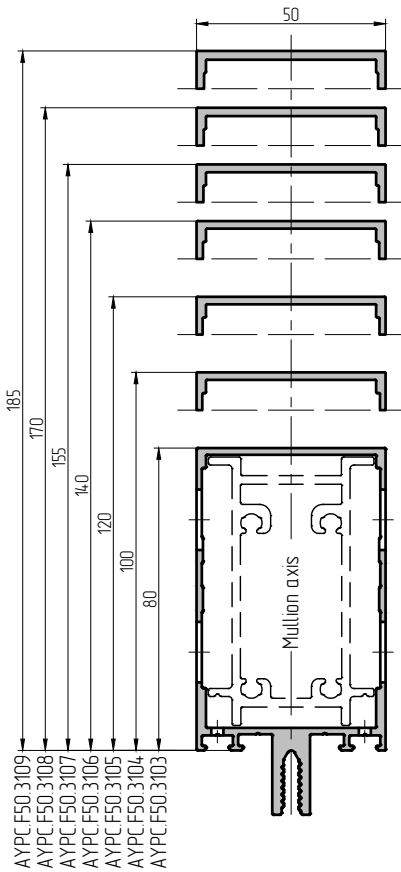
2 bolts M10x80-A2
ISO4014



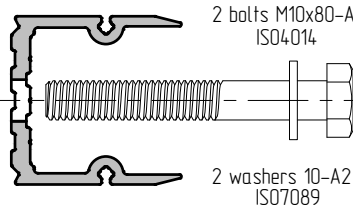
Sealing support made of FRK200

For Mullions and transoms connection:
- overlapped 6 mm

⚠ Install only after Mullions processing

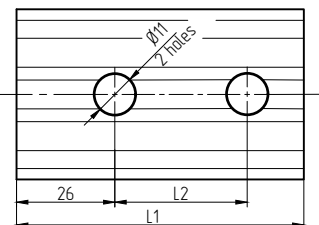


Joining element
AYPC.F50.0950



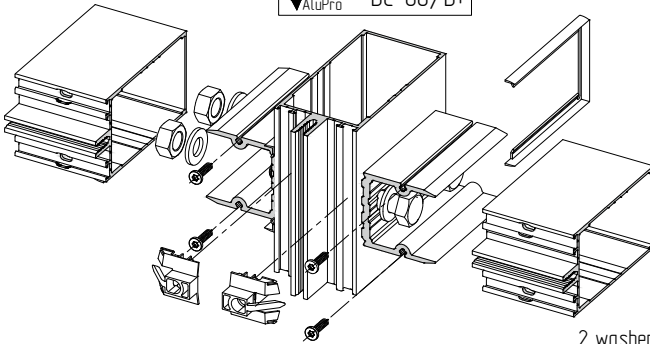
2 bolts M10x80-A2
ISO4014

2 washers 10-A2
ISO7089



Processing of Mullions for joining elements installation. End-to-end connection of Mullions and Transoms

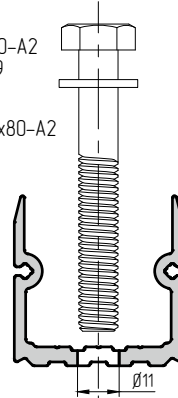
AluPro - BC-06/B+



Joining element made of AYP.C.F50.04.13 profile		
Length L1, mm	Length L2, mm	For transom
58	23	AYPC.F50.3205
76	41	AYPC.F50.3206
96	61	AYPC.F50.3207
116	81	AYPC.F50.3208
136	101	AYPC.F50.3209
151	116	AYPC.F50.3210
166	131	AYPC.F50.3211

2 washers 10-A2
ISO7089

2 bolts M10x80-A2
ISO4014



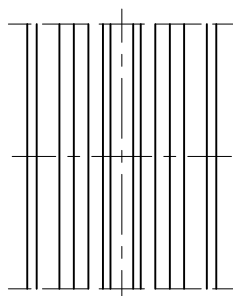
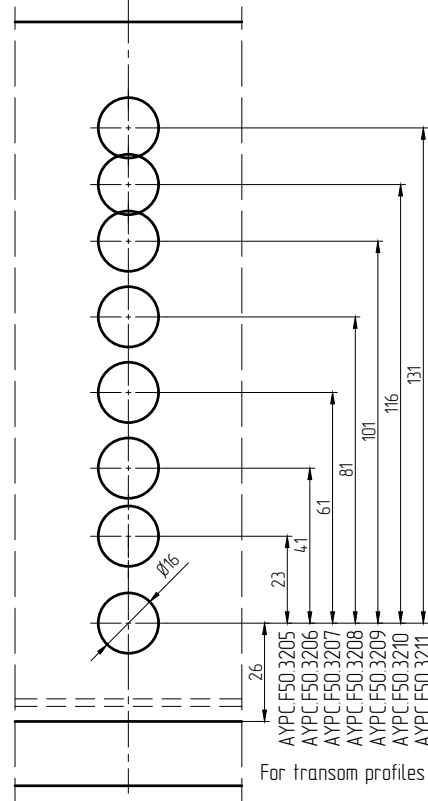
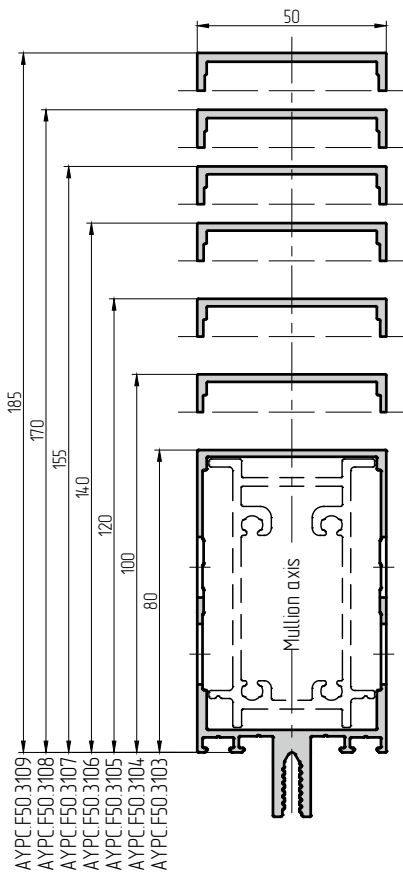
AYPC.F50.3924 Joint plug

For connection of Mullions and transoms or transoms and transoms - end-to-end

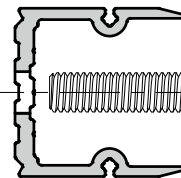
⚠ Install and waterproof after Mullions processing



When connecting end-to-end mullion and transom, the typical size of the horizontal transom should be less than the typical size of the mullion

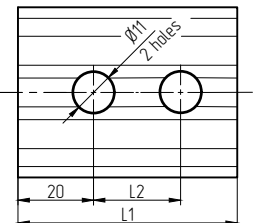


Joining element
AYPC.F50.0950

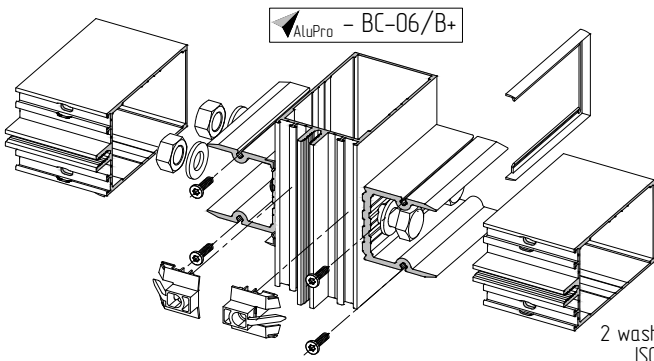


2 bolts M10x80-A2
ISO4014

2 washers 10-A2
ISO7089



Processing of transoms, used as mullions for joining elements installation. End-to-end connection of mullions and transoms



AluPro - BC-06/B+

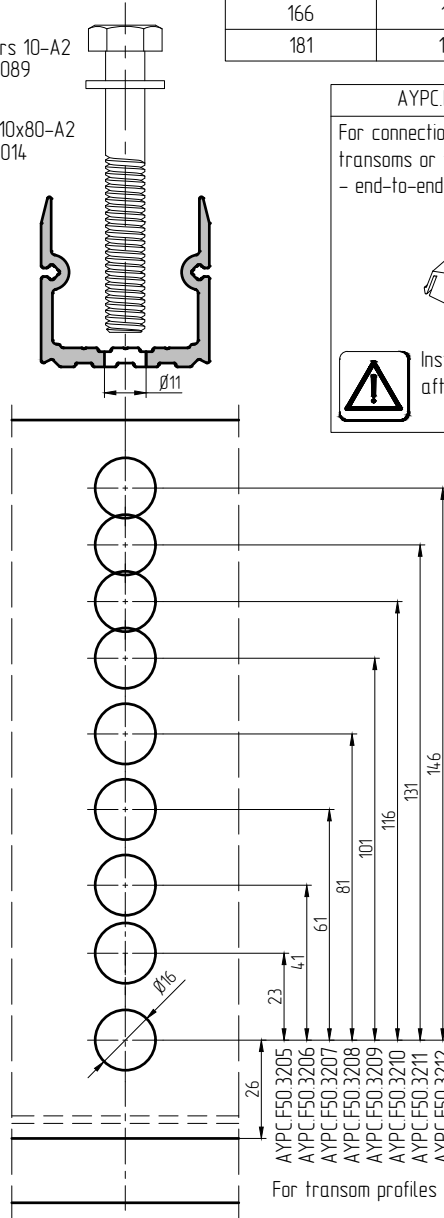
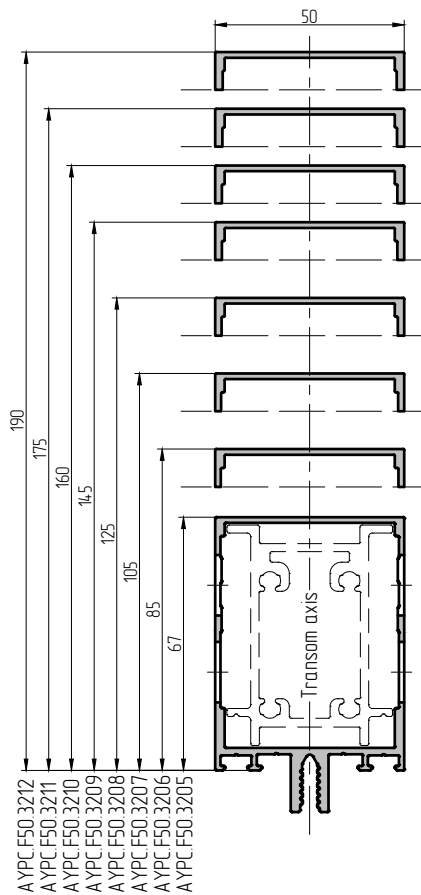
2 washers 10-A2 ISO7089

2 bolts M10x80-A2 ISO4014

Joining element made of AYPF50.0413 profile		
Length L1, mm	Length L2, mm	For transom
58	23	AYPC.F50.3205
76	41	AYPC.F50.3206
96	61	AYPC.F50.3207
116	81	AYPC.F50.3208
136	101	AYPC.F50.3209
151	116	AYPC.F50.3210
166	131	AYPC.F50.3211
181	146	AYPC.F50.3212



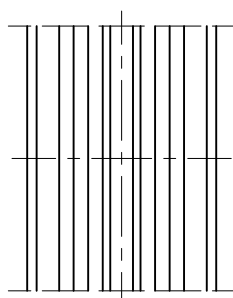
When connecting end-to-end transom to transom, the typical size of the horizontal transom can be either less or equal to the typical size of the vertical transom



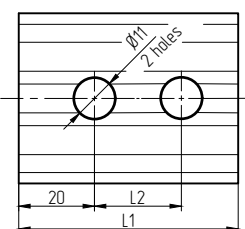
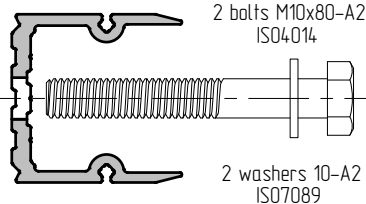
AYPC.F50.3924 Joint plug

For connection of mullions and transoms or transoms and transoms - end-to-end

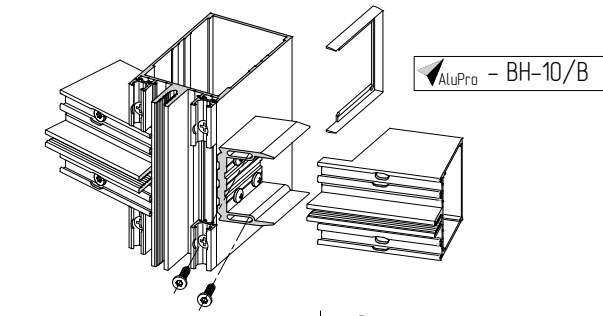
Warning: Install and waterproof after mullions processing



Joining element
AYPC.F50.0950

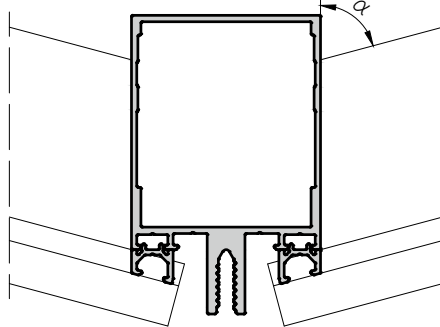


Processing of mullions for joining elements installation. Overlapped connection of mullions and transoms 6 mm

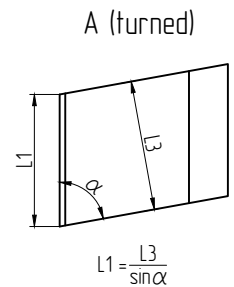
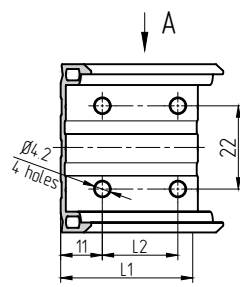
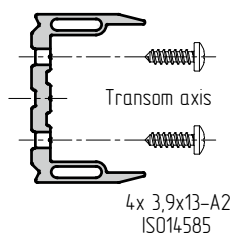
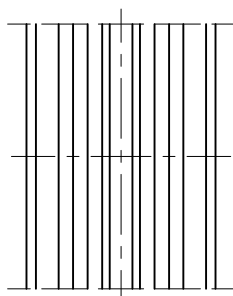
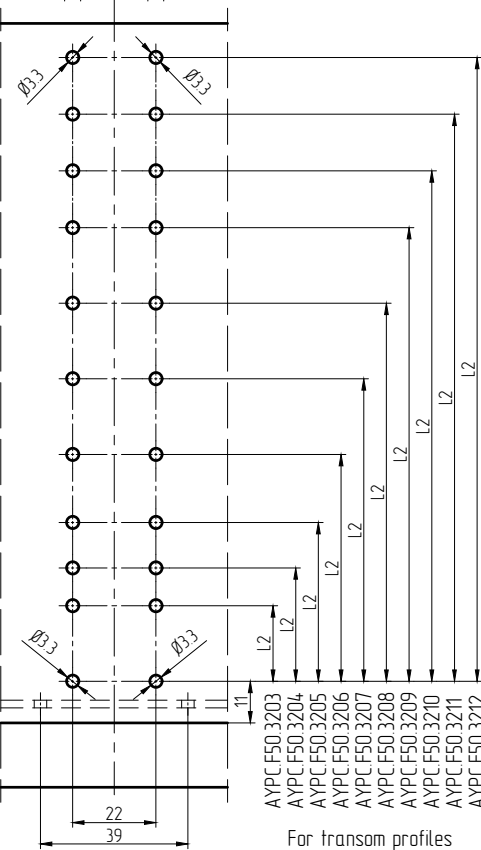
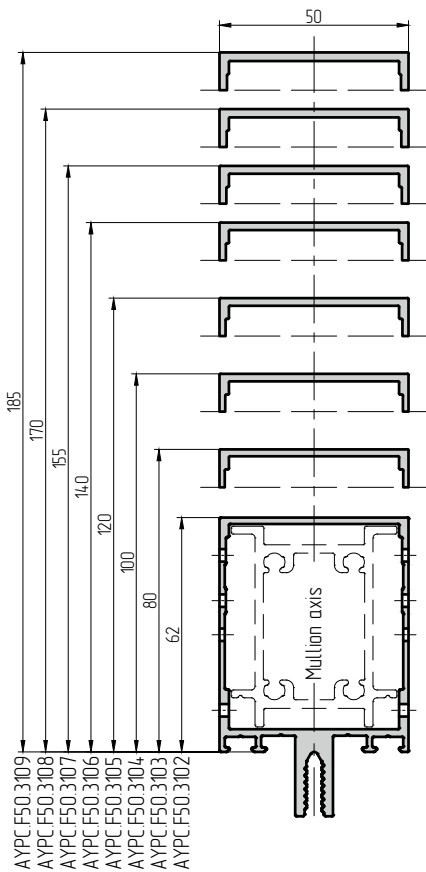
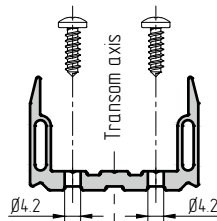


Joining element made of AYPC.F50.0414 profile			
Length L1, mm	Length L2, mm	Length L3, mm	For transom
			AYPC.F50.3203
			AYPC.F50.3204
			AYPC.F50.3205
			AYPC.F50.3206
			AYPC.F50.3207
			AYPC.F50.3208
			AYPC.F50.3209
			AYPC.F50.3210
			AYPC.F50.3211
			AYPC.F50.3212

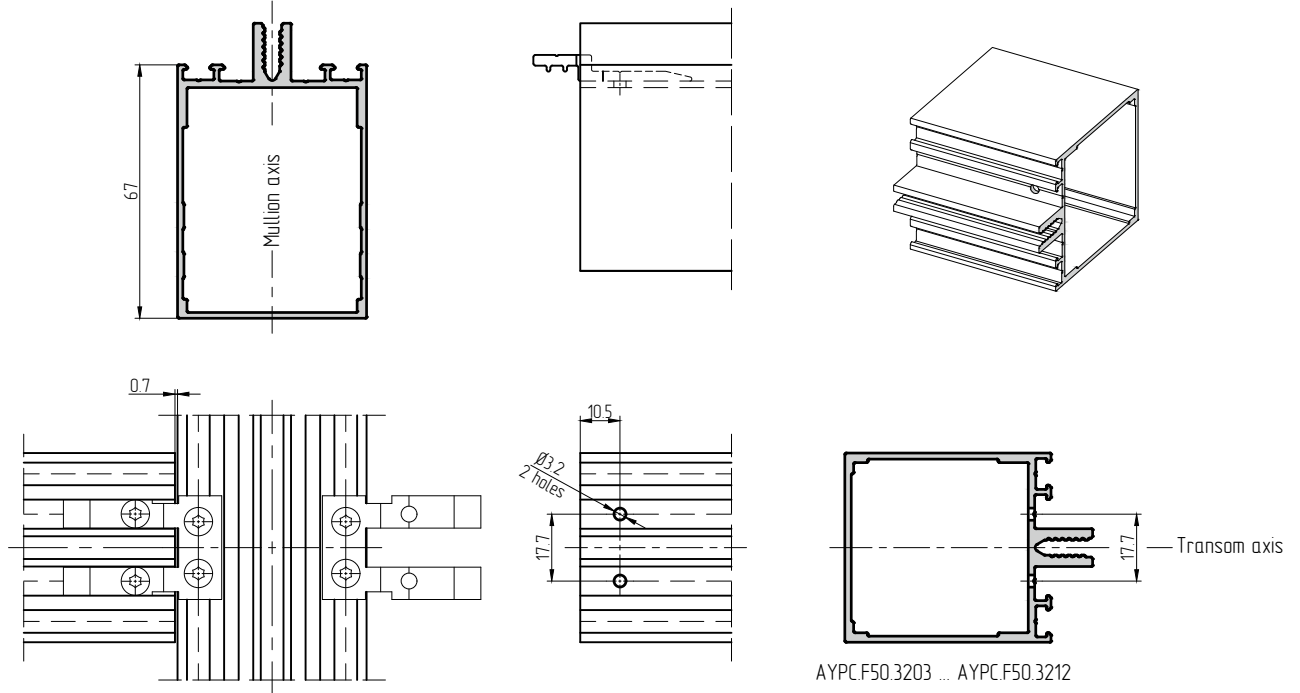
The detail is cut custom-made depending on the corner α



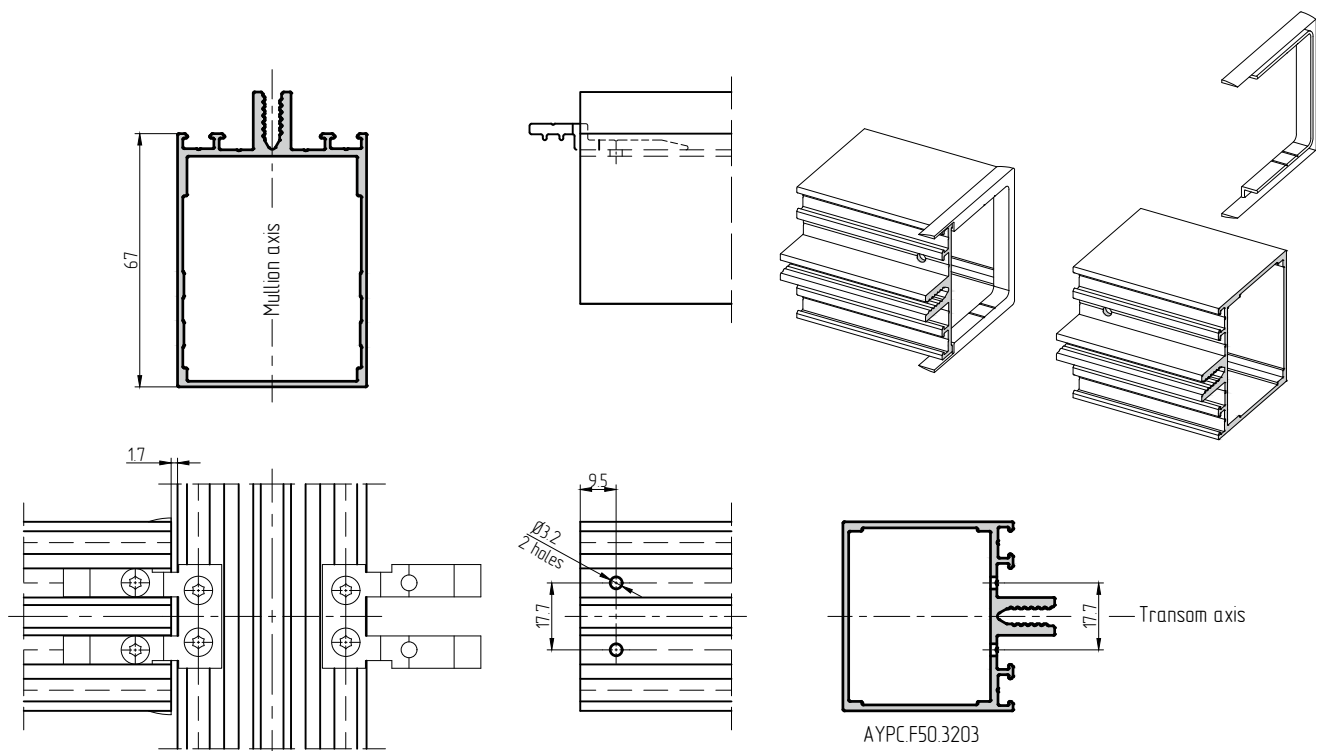
4x 3,9x13-A2
ISO14585



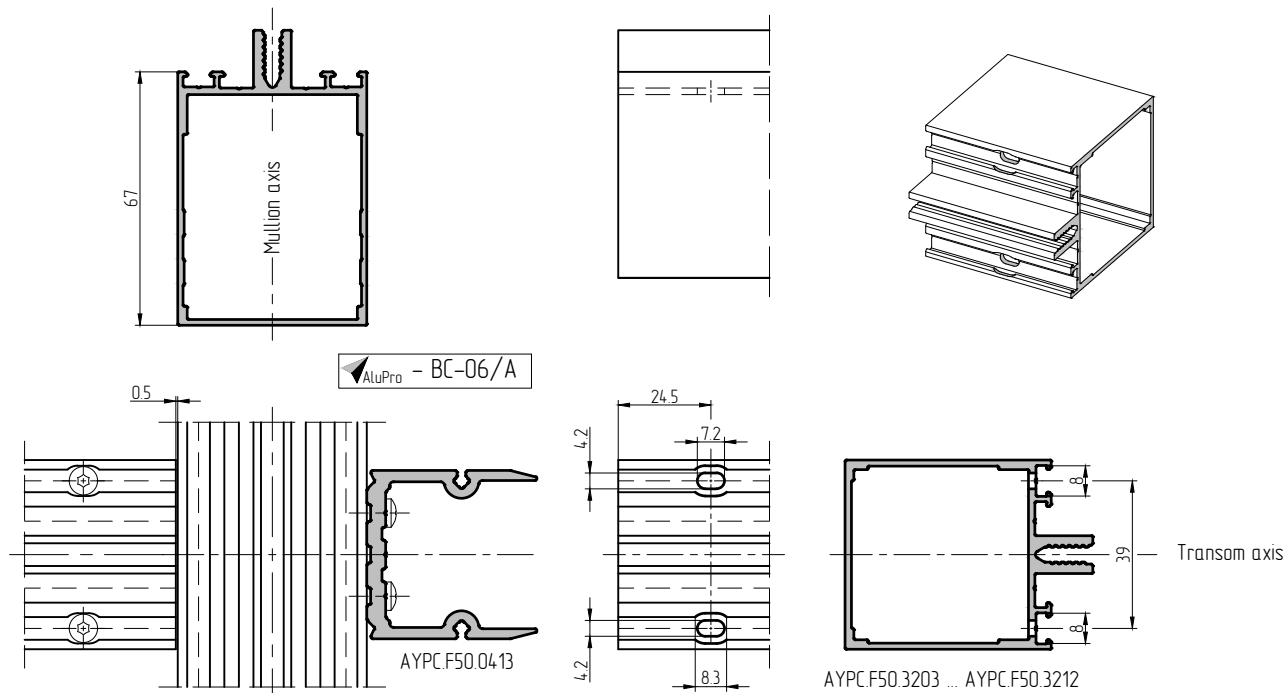
Processing of end-to-end transoms without plastic end plugs



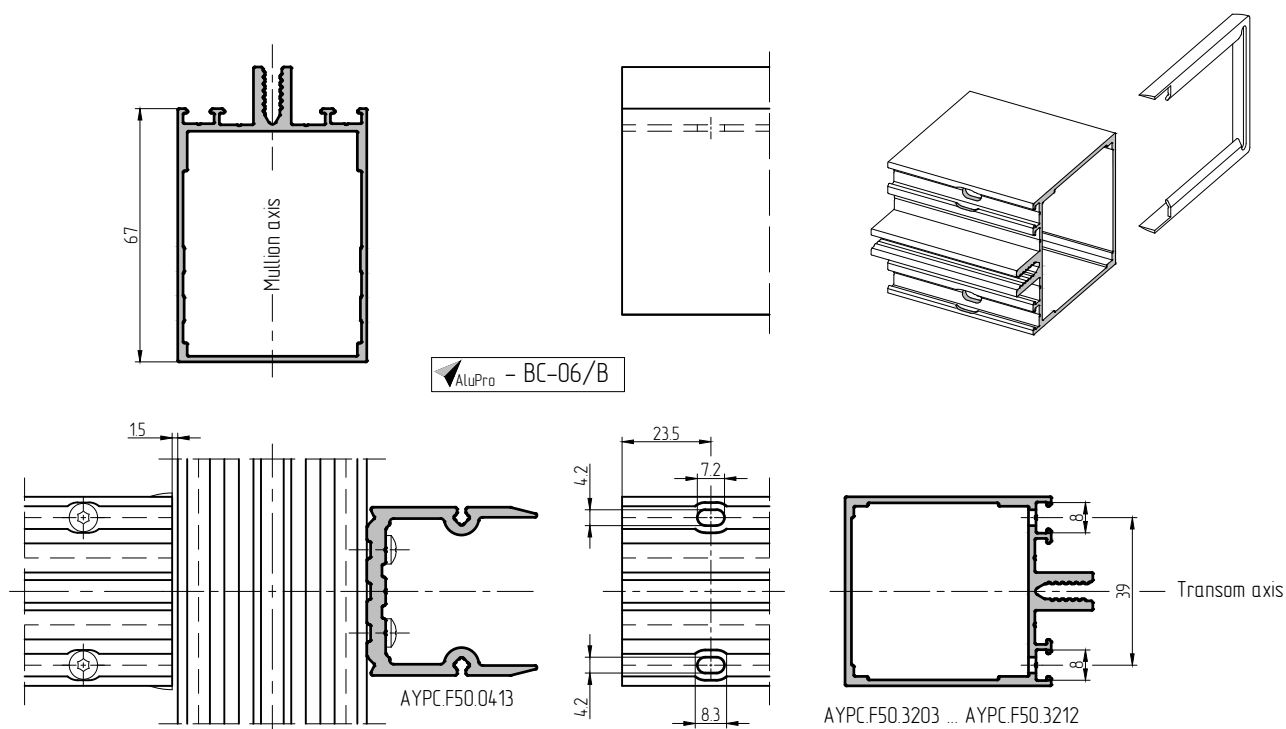
Processing of end-to-end transoms with AYPC.F50.0921-02 plastic end plugs



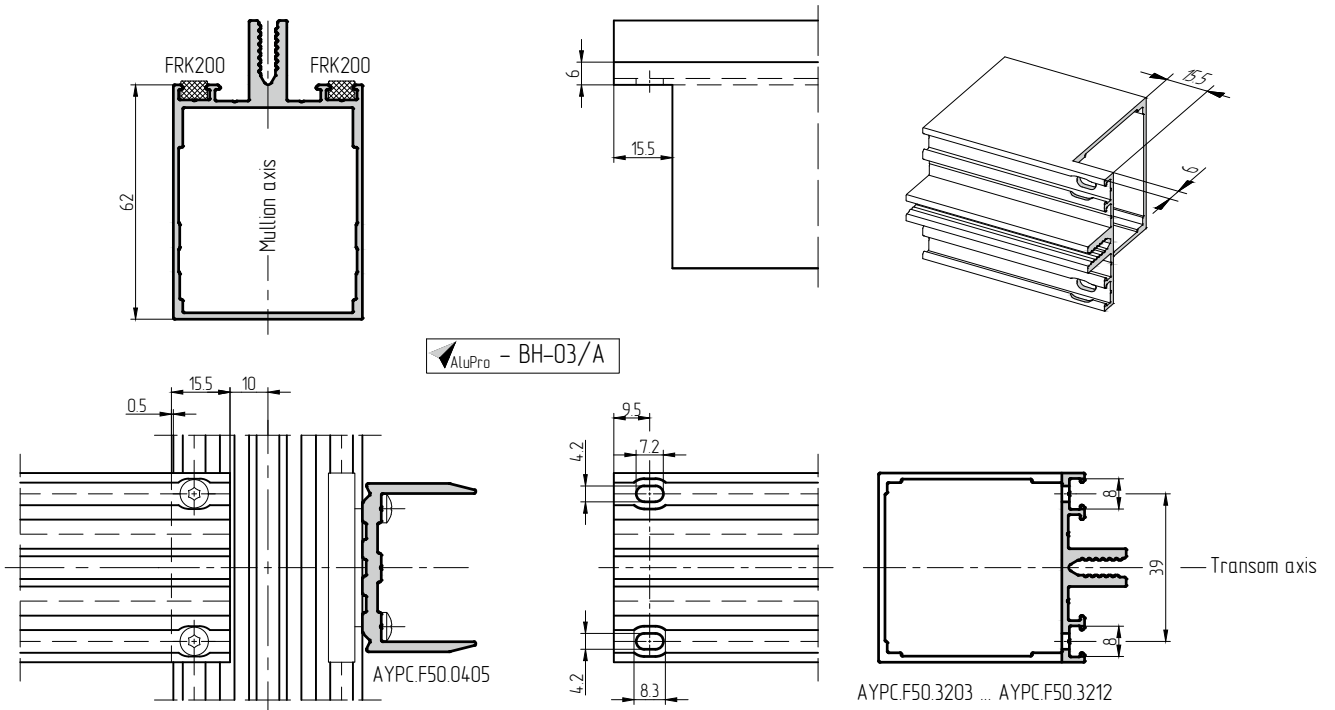
Processing of end-to-end transoms without plastic end plugs



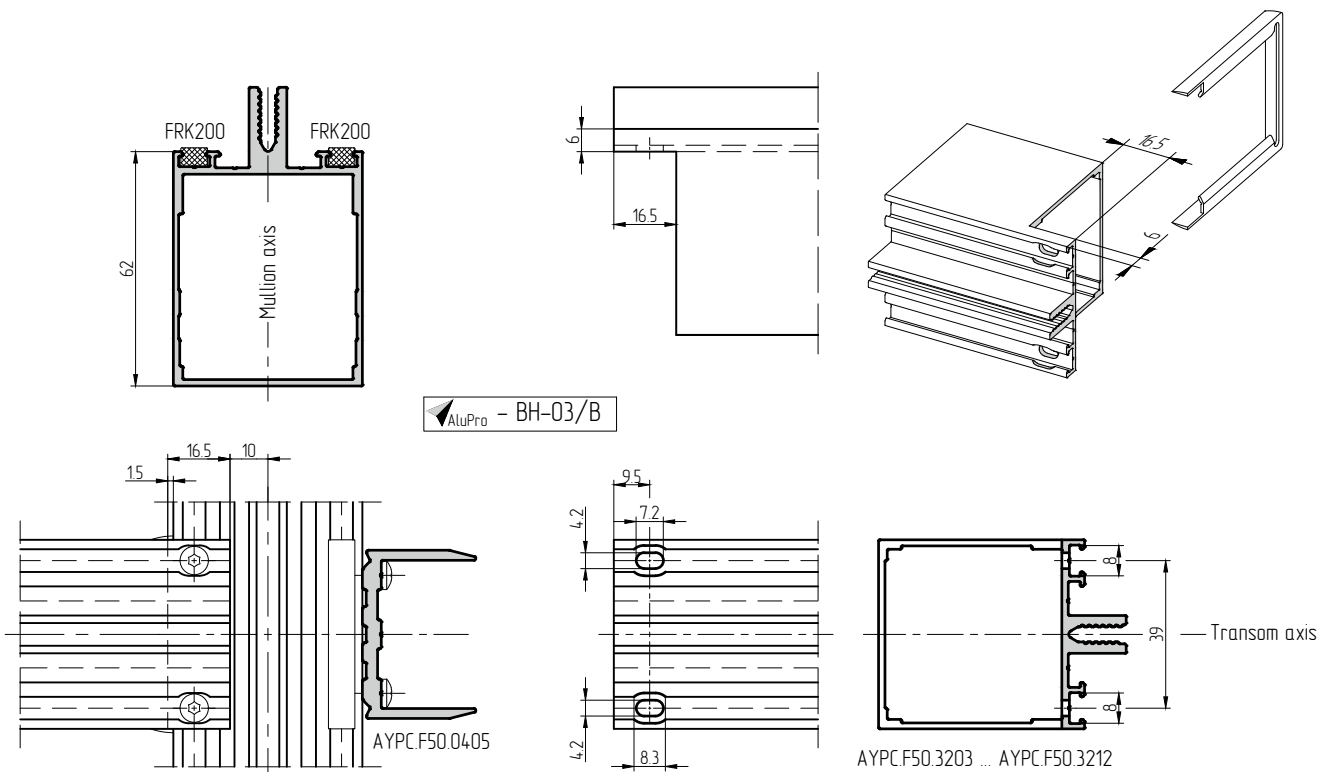
Processing of end-to-end transoms with AYPC.F50.0921 and AYPC.F50.0921-01 plastic end plugs



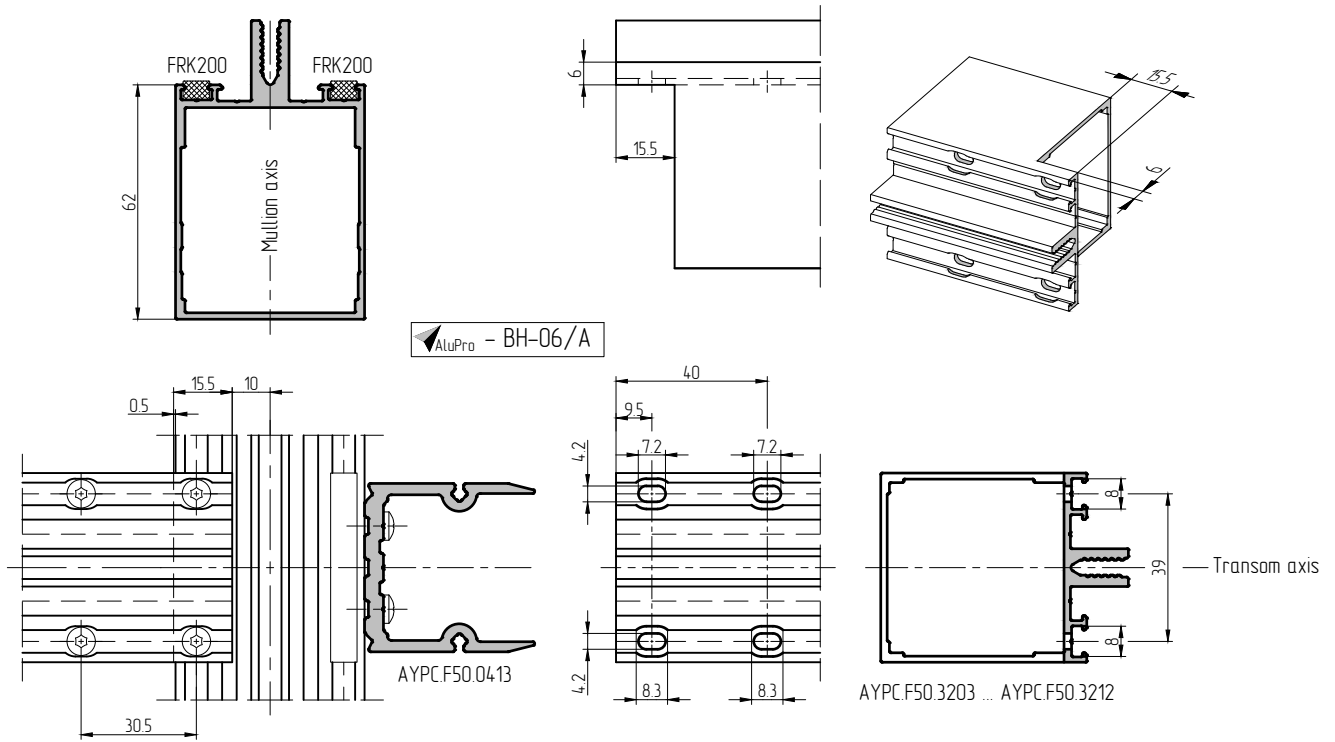
Processing of transoms overlapped without plastic end plugs



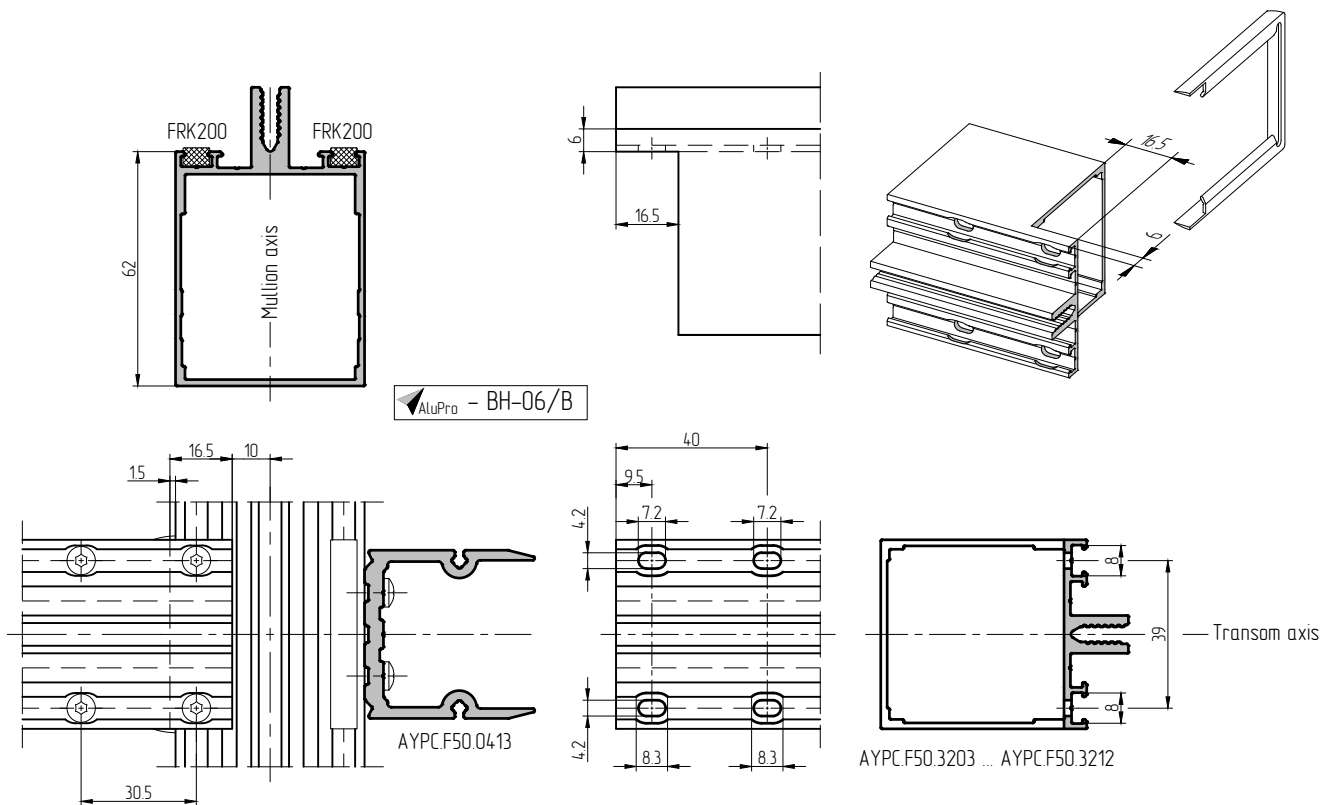
Processing of transoms overlapped with AYPC.F50.0921 and AYPC.F50.0921-01 plastic end plugs



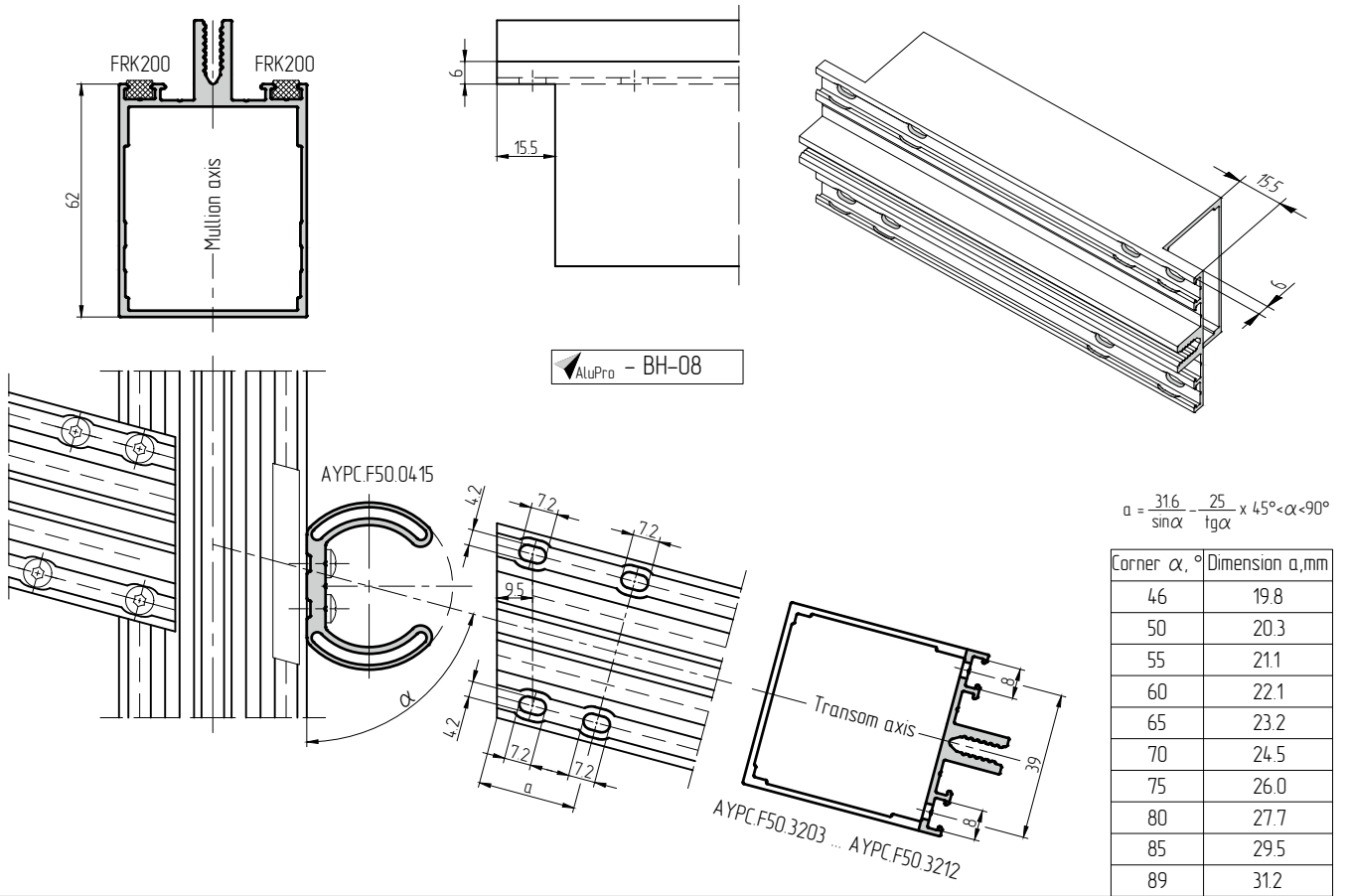
Processing of transoms overlapped without plastic end plugs



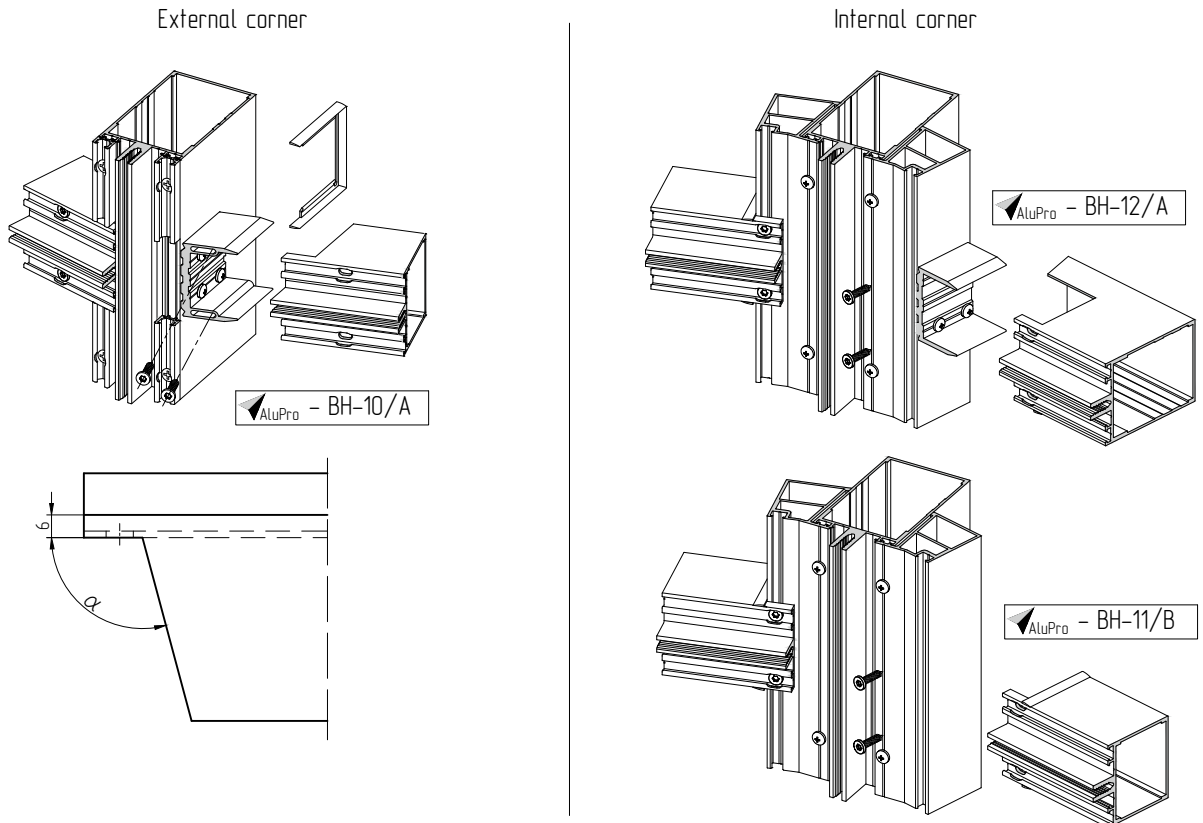
Processing of transoms overlapped with AYP.C.F50.0921 and AYP.C.F50.0921-01 plastic end plugs



Processing of transoms overlapped without plastic end plugs

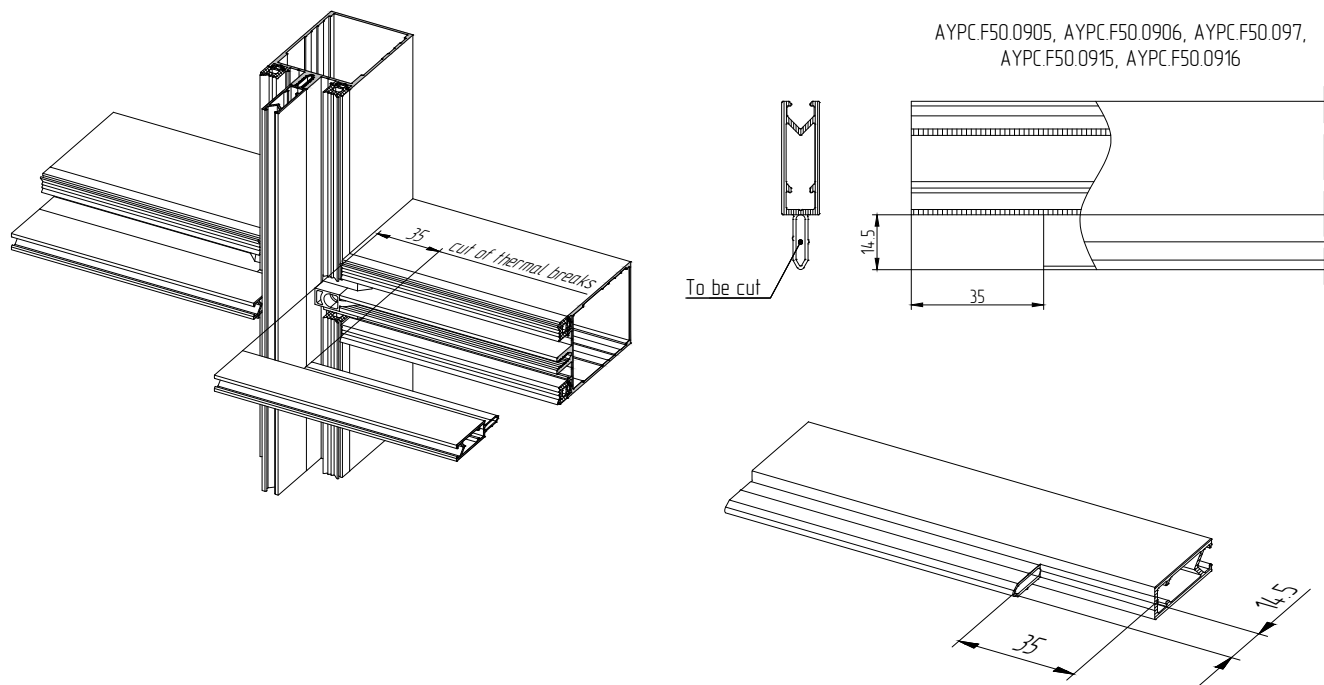


Processing of transoms overlapped at turn of the facade in a plan view

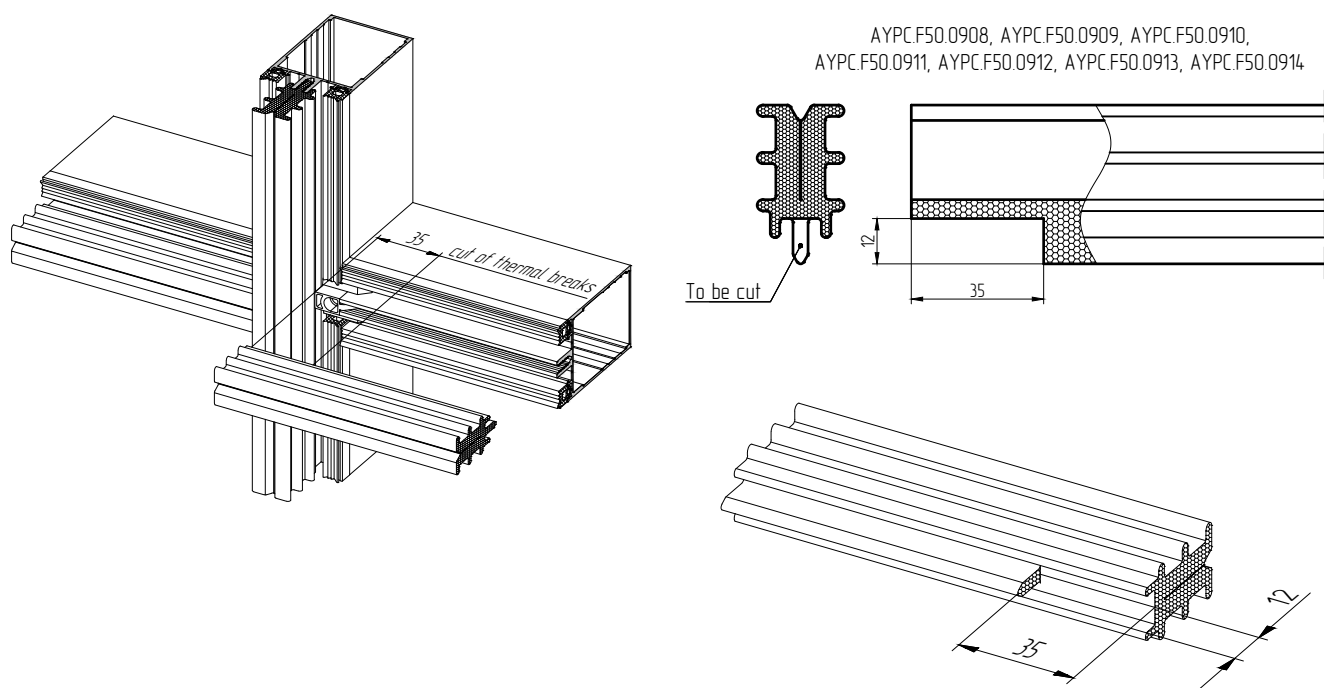


Processing of thermal breaks at end-to-end transoms installation with a AYPC.F50.3924 joint plug

Processing of thermal breaks made of PVC



Processing of thermal breaks made of foamed polyethylene





ALUTECH
ALUMINIUM
PROFILE SYSTEMS

ALT F50 HC

«HOT-COLD» CURTAIN WALL SYSTEM

System description	04.01.01
Glazing table	04.02.01
Sections and junctions	04.03.01
Machining and assembly	
Ventilation and moisture drainage.	04.04.01
Assembly and installation	04.04.06
Fabrication details	04.04.33

F50 HC System is designed for manufacturing light wall envelopes of suspended and filling type in concrete buildings which have solid walls with window openings.



Structurally, the facade of the building consists of two sections, the 'hot' and the 'cold' one. The 'hot' area is the translucent part of the building represented by window openings that are thermally isolated from the non-translucent part – a blind wall. The facade in the non-translucent part of the building only has a decorative function and serves to clad the insulated walls. It is due to this clear distinction of 'cold' and 'hot' areas that the facade is named 'hot-cold'.

The system is characterised by the effect of continuous glazed surface of the building. The 'hot' area is a classic ALT F50 curtain wall system. Vertical elements (mullions) and horizontal elements (transoms) overlap to create a single structure and can be installed on the outer side of the window opening with special adjustable fasteners (supports). In order to ensure the necessary thermal and sound insulation properties of the enveloping structure in ALT F50 series, a set of thermal inserts (thermal insulators) made of hard impact-resistant polyvinyl chloride (PVC-U-HI) or closed-cell polyethylene foam with high thermal insulation properties is used.

The appropriate thermal inserts and gaskets make it possible to install the infill in the form of glass units with a thickness from 22 to 50 mm, thereby achieving the required thermal insulation performance of the joint solution. The infill is fixed on the outside of the building with clamp bars to the bearing profiles by means of stainless steel screws (class A2 or higher). It is possible to mount ALT W62, ALT W72 window structures with various types of opening (turn, tilt, tilt and turn) making them distinctive on the building facade. It is also possible to use an integrated window or a window with a concealed sash, which allows the window openings to be indistinguishable from the building facade.

The 'cold' area is a curtain wall made on specialized tubeless profiles of mullions and transoms. The frame of the bearing structure in the 'cold' area of the facade is vertical (mullions) and horizontal (transoms) elements with a visible architectural width of 50 mm, which emphasizes the lightness and translucency of the structure as a whole. These profiles are light and are used on site uncoated, which can significantly reduce material costs.

ALT F50 HC system provides the opportunity to use a transom as a mullion, which allows to reduce the amount of mullion profile waste, as well as to reduce metal consumption of the structure, where it is possible. The mullion is connected to the transom by overlapping the transom onto the mullion, and

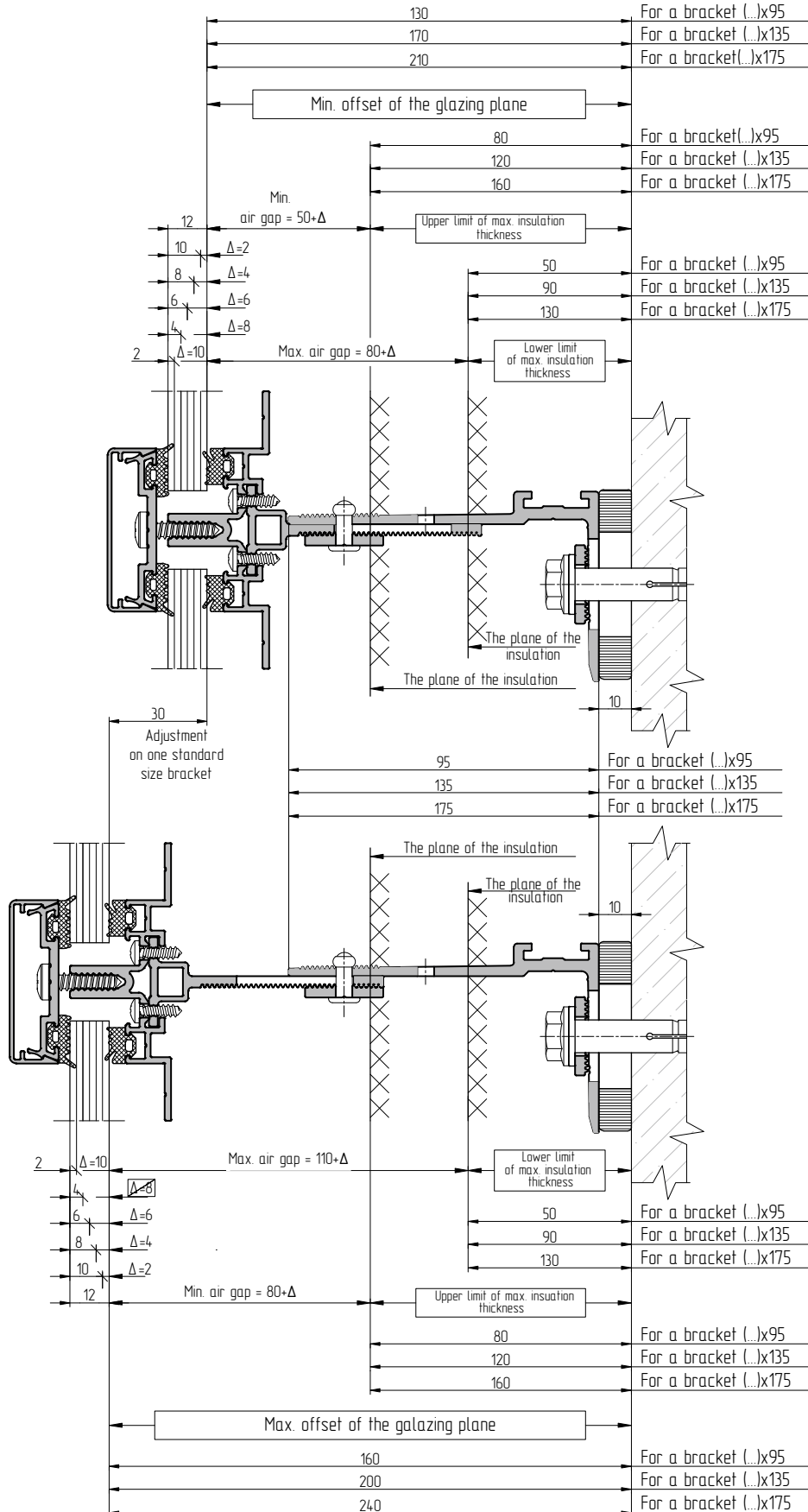
the transoms are connected to one another by butt joints using a joining element which allows cutting the profiles at right angles, thus eliminating complex machining. Horizontal changes in the dimensions of structural elements due to temperature fluctuations are balanced by means of special machining of transom fixing holes: they are made in the form of an oval. Rubber gaskets with a height from 5 to 13 mm on both vertical and horizontal profiles allows to install any infill unit in the form of enamelled, tinted or covered with a protective and decorative film glass, as well as in the form of any other panel with a thickness from 12 to 4 mm respectively. Glazing or installation of panels is carried out outside the building. The infill unit is fixed with clamp bars, which, in turn, are fixed with stainless steel screws (class A2 or higher) to the bearing profiles with a spacing of no more than 250 mm. Decorative caps cover the clamp bars of various configurations from the outside. Decorative caps are adjusted in both the 'cold' and the 'hot' areas of the facade, thus achieving the effect of continuous glass surface. The caps can be coated in any RAL colour or anodised, or decorated.

The transition from the 'cold' to the 'hot' section is carried out by installation of a special spacer profile made of solid impact-resistant PVC with low thermal conductivity on mullions and transoms along the entire perimeter of the 'hot' zone. All elements of the 'cold' area of the curtain wall, including glass, are in one way or another supported by the spacer profile, thereby they are thermally separated into 'hot' and 'cold' areas. In order to combine the glazing planes of two areas based on the thickness of the installed infill unit, a set of spacer profiles made of solid impact-resistant PVC is used. Thus, when using appropriate spacer profiles and gaskets, any combination of infills of any possible thicknesses for the 'hot' and 'cold' areas of the facade, respectively, is available. The junction of the two areas (at the edge of the window opening) is additionally insulated along the perimeter with mineral wool over the wall insulation with a width of at least 100 mm and is protected by a waterproof vapour-permeable flashing.

All fixing elements must be corrosion-resistant or made of stainless steel (class A2 or higher), which would prevent the process of corrosion and ensure a long service life of the curtain wall structure without loss in strength parameters.

Static and strength calculation of each specific curtain wall structure is carried out during the design stage.

Parameters of the glazing offset relative to the wall plane in the "cold" part of the facade, depending on the wall insulation and the type of connection of the profiles used



Glazing of curtain wall structures depending on the type of profile connection (the connection between the "cold" and the "hot" areas in the straight section of the structure is made with a butt joint using AYP.C.F50.0951-01 joining element)

"Hot" area										"Cold" area															
Infill unit thickness	Mullion F50			Transom F50 overlapped						Infill unit thickness	"Cold" area (mullion/transom)				Butt joint to F50 mullion			Butt joint to F50 transom			Corner connection to F50 mullion				
	Gasket	Thermal break	Screw	Gasket	Thermal break	Screw	Bearing support	Leveling support			Gasket	Screw	Bearing support	Leveling support		Spacer profile	Ø3,9-A2IS014585 Self-tapping screw	Mark on the joining profile	Spacer profile	Ø3,9-A2IS014585 Self-tapping screw	Mark on the joining profile	Ø5,5-A2IS014585 Self-tapping screw	Ø3,9-A2IS014585 Self-tapping screw	Gasket	
A	B	C	D	E	F	G	H	I		J	K	L	M	N		O	P/Q/R/S	T	U	V/W/X/Y	T	D	P	Z	
22 mm 24 mm 26 mm	FRK19 FRK18 FRK17	AYPC.F50.0905 AYPC.F50.0908	5,5x38-A2IS014585	FRK16 FRK15 FRK14	AYPC.F50.0905 AYPC.F50.0908	5,5x38 IS014585	AYPC.F50.0941	100x26	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5,5x22-A2IS014585	AYPC.F50.0940-01	100x12 FRK13	x1 2x1 x2 -	x3 -	AYPC.F50.0919	25/16/25/25	1 - 8	Not provided	13/-/25/25	1 - 8	38	32	FRK 24 FRK105
28 mm 30 mm 32 mm	FRK19 FRK18 FRK17	AYPC.F50.0906 AYPC.F50.0909	5,5x45-A2IS014585	FRK16 FRK15 FRK14	AYPC.F50.0906 AYPC.F50.0909	5,5x45 IS014585	AYPC.F50.0941-01	100x32	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5,5x22-A2IS014585	AYPC.F50.0940-01	100x12 FRK13	x1 2x1 x2 -	x3 -	AYPC.F50.0920	32/16/25/25	3 - 8	AYPC.F50.0919	19/16/25/25	1 - 8	45	38	FRK 24 FRK105
34 mm 36 mm 38 mm	FRK19 FRK18 FRK17	AYPC.F50.0907 AYPC.F50.0910	5,5x50-A2IS014585	FRK16 FRK15 FRK14	AYPC.F50.0907 AYPC.F50.0910	5,5x50 IS014585	AYPC.F50.0941-02	100x38	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5,5x22-A2IS014585	AYPC.F50.0940-01	100x12 FRK13	x1 2x1 x2 -	x3 -	AYPC.F50.0901	32/32/25/25	5 - 8	AYPC.F50.0920	25/16/25/25	2 - 8	50	45	FRK 24 FRK105
40 mm 42 mm 44 mm	FRK19 FRK18 FRK17	- AYPC.F50.0911	5,5x60-A2IS014585	FRK16 FRK15 FRK14	- AYPC.F50.0911	5,5x60 IS014585 AYPC.F50.0948-01 AYPC.F50.0949-01 2x 5,5x35 IS07462	100x44	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5,5x22-A2IS014585	AYPC.F50.0940-01	100x12 FRK13	x1 2x1 x2 -	x3 -	AYPC.F50.0902	38/32/25/25	6 - 8	AYPC.F50.0901	32/32/25/25	4 - 8	60	50	FRK 24 FRK105	
46 mm 48 mm 50 mm	FRK19 FRK18 FRK17	- AYPC.F50.0912	5,5x65-A2IS014585	FRK16 FRK15 FRK14	- AYPC.F50.0912	5,5x65 IS014585 AYPC.F50.0948-02 AYPC.F50.0949-02 2x 5,5x38 IS014585	100x50	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5,5x22-A2IS014585	AYPC.F50.0940-01	100x12 FRK13	x1 2x1 x2 -	x3 -	AYPC.F50.0903	45/32/25/25	8	AYPC.F50.0902	38/32/25/25	5 - 8	65	60	FRK 24 FRK105	

See connection of the main profiles of ALT F50 system in the catalogue, section 02.03.

AYPC.F50.0432 Joining profile

It is NOT RECOMMENDED to fix AYP.C.F50.0435 joining element directly to the F50 mullion through AYP.C.F50.0918 spacer profile

Glazing of facade structures depending on the type of profile connection (the connection between the "cold" and the "hot" areas in the straight section of the structure is made with an overlap)

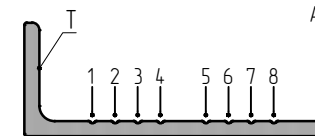
"Hot" area										"Cold" area														
Infill unit thickness	Mullion F50			Transom F50 overlapped					Infill unit thickness	"Cold" area (mullion/transom)				Overlap connection to F50 mullion			Overlap connection to F50 transom			Corner connection to the mullion F50				
	Gasket	Thermal break	Screw	Gasket	Thermal break	Screw	Bearing support	Leveling support		Gasket	Screw	Bearing support	Leveling support		Spacer profile	Ø3,9-A2ISO14585 Self-tapping profile	Mark on the joining profile	Spacer profile	Ø3,9-A2ISO14585 Self-tapping screw	Mark on the joining profile	Ø5,5-A2ISO14585 Self-tapping screw	Ø3,9-A2ISO14585 Self-tapping screw	Gasket	
A	B	C	D	E	F	G	H	I		J	K	L	M	N		O/0*	P/P*/Q/R/S	T	U/0*	V*/W/X/Y	T	D	P	Z
22 mm 24 mm 26 mm	FRK19 FRK18 FRK17	AYPC.F50.0905 AYPC.F50.0908	5.5x38-A2ISO14585	FRK16 FRK15 FRK14	AYPC.F50.0905 AYPC.F50.0908	5.5x38-A2ISO14585	AYPC.F50.0941	100x26	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5.5x22-A2ISO14585	AYPC.F50.0940-01	100x12 FRK13	x1 x2 2x1 -	Not provided AYPC.F50.0701	-/32*/-/32/25 *ISO14586	1 - 8	Not provided AYPC.F50.0701	19*/-/32/25 *ISO14586	1 - 8	38	32	FRK 24 FRK105
28 mm 30 mm 32 mm	FRK19 FRK18 FRK17	AYPC.F50.0906 AYPC.F50.0909	5.5x45-A2ISO14585	FRK16 FRK15 FRK14	AYPC.F50.0906 AYPC.F50.0909	5.5x45-A2ISO14585	AYPC.F50.0941-01	100x32	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5.5x22-A2ISO14585	AYPC.F50.0940-01	100x12 FRK13	x1 x2 2x1 -	AYPC.F50.0919 AYPC.F50.0701	-/38*/16/32/25 *ISO14586	1 - 8	Not provided AYPC.F50.0701	25*/-/32/25 *ISO14586	1 - 8	45	38	FRK 24 FRK105
34 mm 36 mm 38 mm	FRK19 FRK18 FRK17	AYPC.F50.0907 AYPC.F50.0910	5.5x50-A2ISO14585	FRK16 FRK15 FRK14	AYPC.F50.0907 AYPC.F50.0910	5.5x50-A2ISO14585	AYPC.F50.0941-02	100x38	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5.5x22-A2ISO14585	AYPC.F50.0940-01	100x12 FRK13	x1 x2 2x1 -	AYPC.F50.0920 AYPC.F50.0701	25/19*/16/32/25 or -/45*/16/32/25 *ISO14586	3 - 8	AYPC.F50.0919 AYPC.F50.0701	32*/16/32/25 *ISO14586	1 - 8	50	45	FRK 24 FRK105
40 mm 42 mm 44 mm	FRK19 FRK18 FRK17	- AYPC.F50.0911	5.5x60-A2ISO14585	FRK16 FRK15 FRK14	- AYPC.F50.0911	5.5x60-A2ISO14585	AYPC.F50.0948-01 AYPC.F50.0949-01 2x 5.5x35 ISO7462	100x44	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5.5x22-A2ISO14585	AYPC.F50.0940-01	100x12 FRK13	x1 x2 2x1 -	AYPC.F50.0901 AYPC.F50.0701	32/19*/32/32/25 or -/50*/32/32/25 *ISO14586	5 - 8	AYPC.F50.0920 AYPC.F50.0701	38*/16/32/25 *ISO14586	2 - 8	60	50	FRK 24 FRK105
46 mm 48 mm 50 mm	FRK19 FRK18 FRK17	- AYPC.F50.0912	5.5x65-A2ISO14585	FRK16 FRK15 FRK14	- AYPC.F50.0912	5.5x65-A2ISO14585	AYPC.F50.0948-02 AYPC.F50.0949-02 2x 5.5x38-A2ISO14585	100x50	x1 x2 x3	4 6 8 10 12	FRK19 FRK18 FRK17 FRK16 FRK15	5.5x22-A2ISO14585	AYPC.F50.0940-01	100x12 FRK13	x1 x2 2x1 -	AYPC.F50.0902 AYPC.F50.0701		6 - 8	AYPC.F50.0901 AYPC.F50.0701	45*/32/32/25 *ISO14586	4 - 8	65	60	FRK 24 FRK105



See connection of the main profiles of ALT F50 system in the catalogue, section 02.03

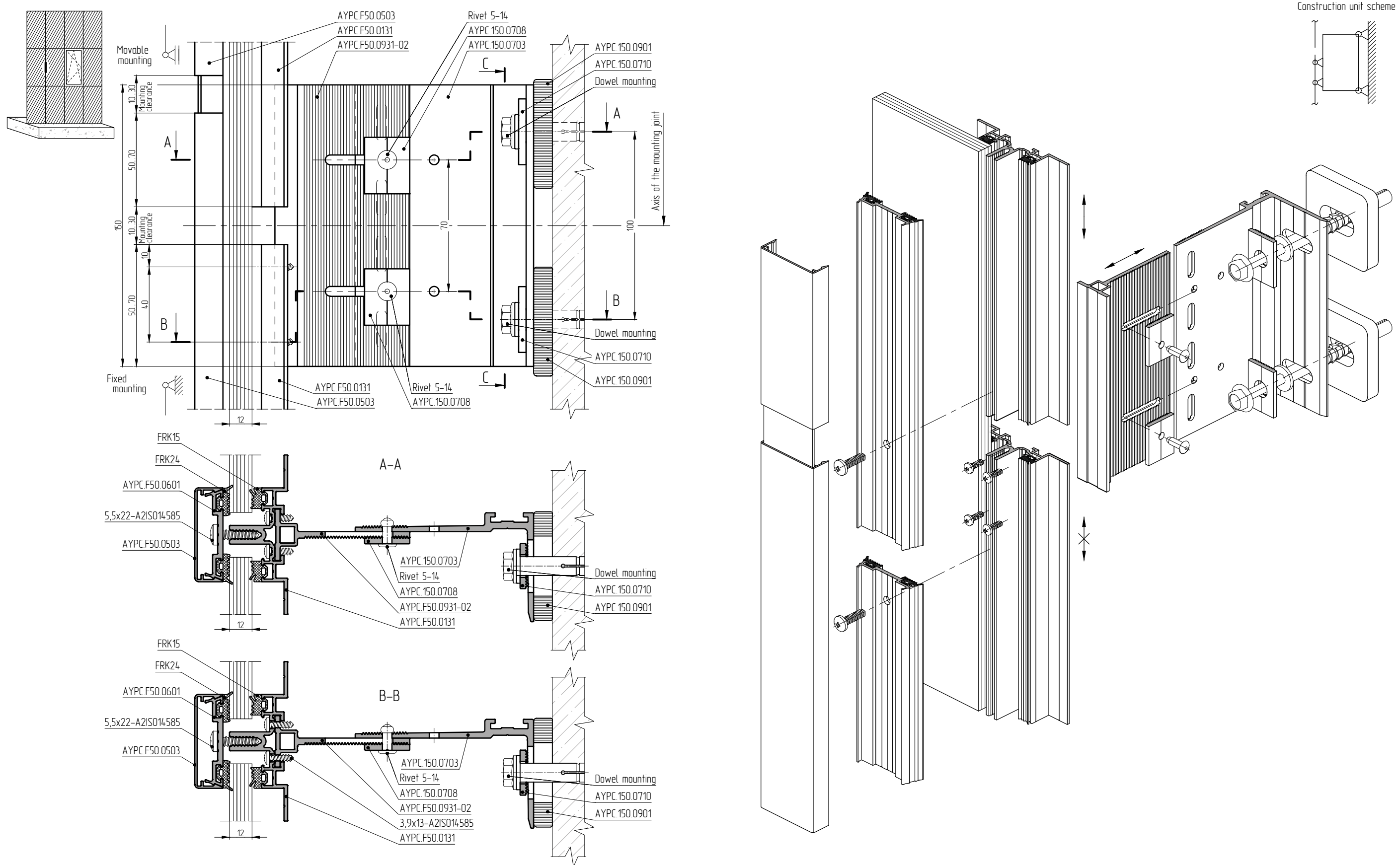


It is NOT RECOMMENDED to use infill units with thicknesses of up to 26 mm, as this would require extra machining of AYPC.F50.0918 profile along the full length at the junction with F50 transom, and would also make it impossible to use AYPC.F50.0204 transom



AYPC.F50.0432 Joining profile

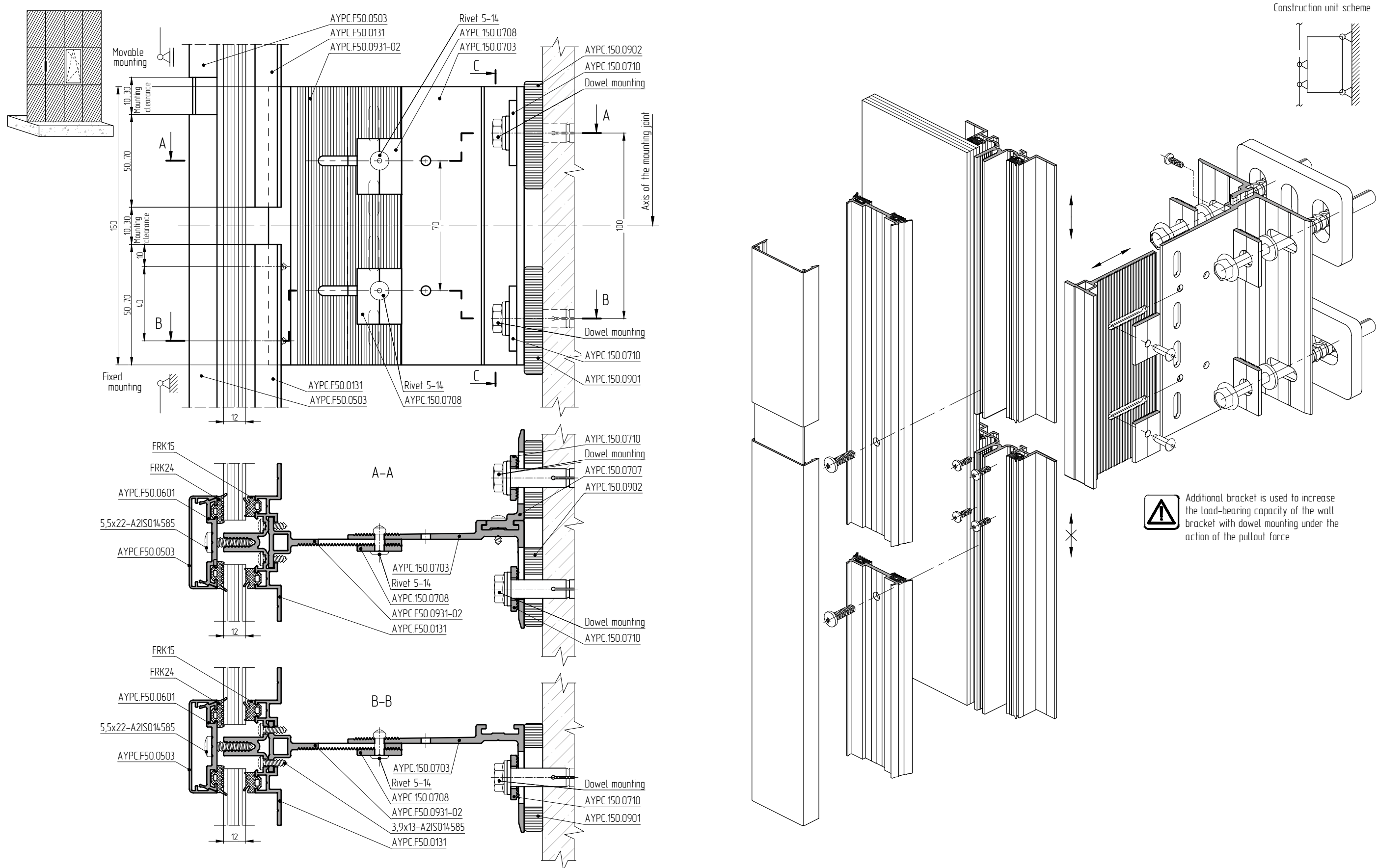
Combined bearing construction unit made according to the overhung-frame connection scheme on a 150 (HCKP-150)- bracket



Note:

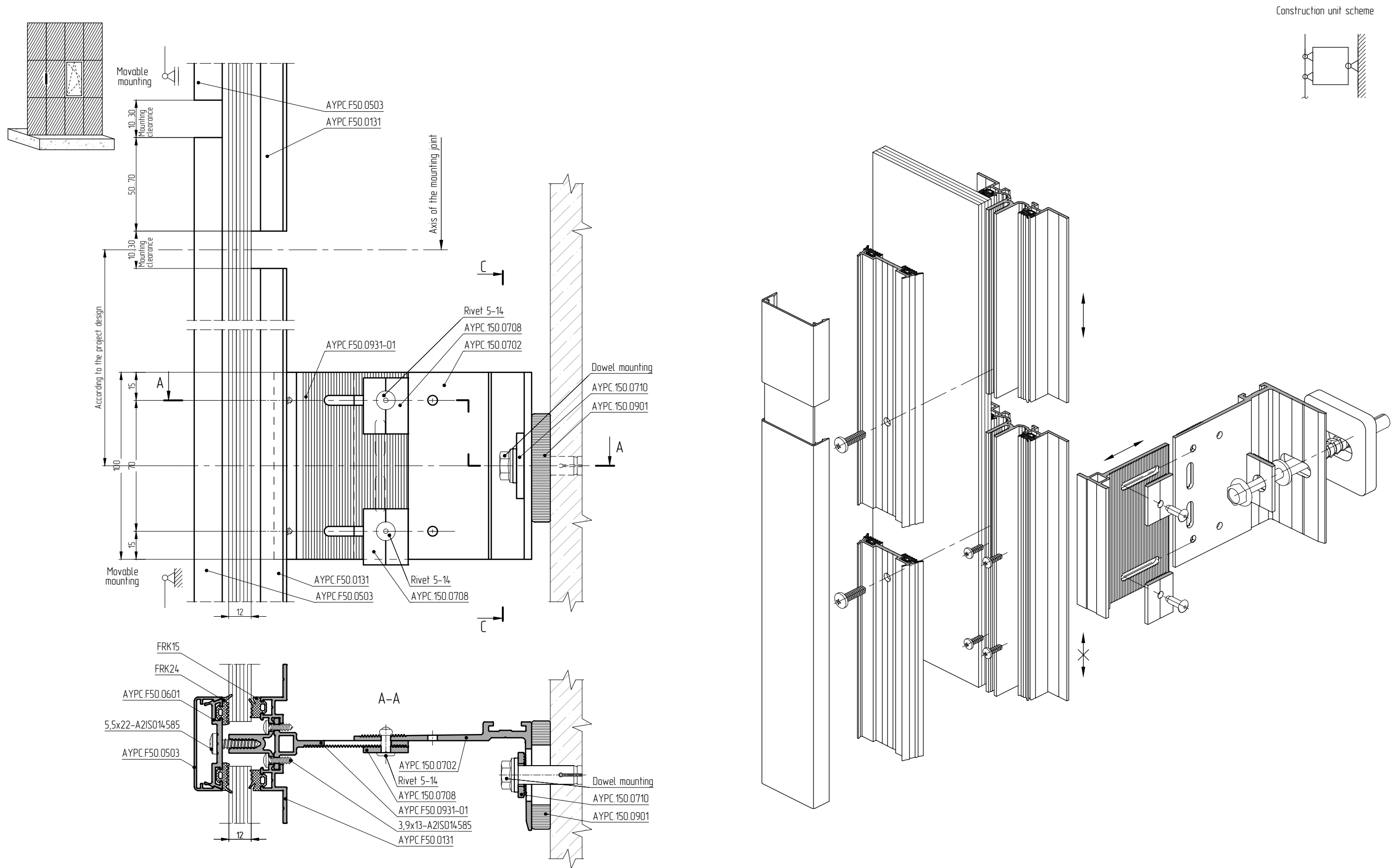
1. See section 04.03.09 for a HCKP-150 construction unit C-C cut

Combined bearing construction unit made according to the overhung-frame scheme on the 150-bracket together with the (HCKP-150D) additional bracket



Note. See section 04.03.10 for a HCKP-150D construction unit C-C cut.

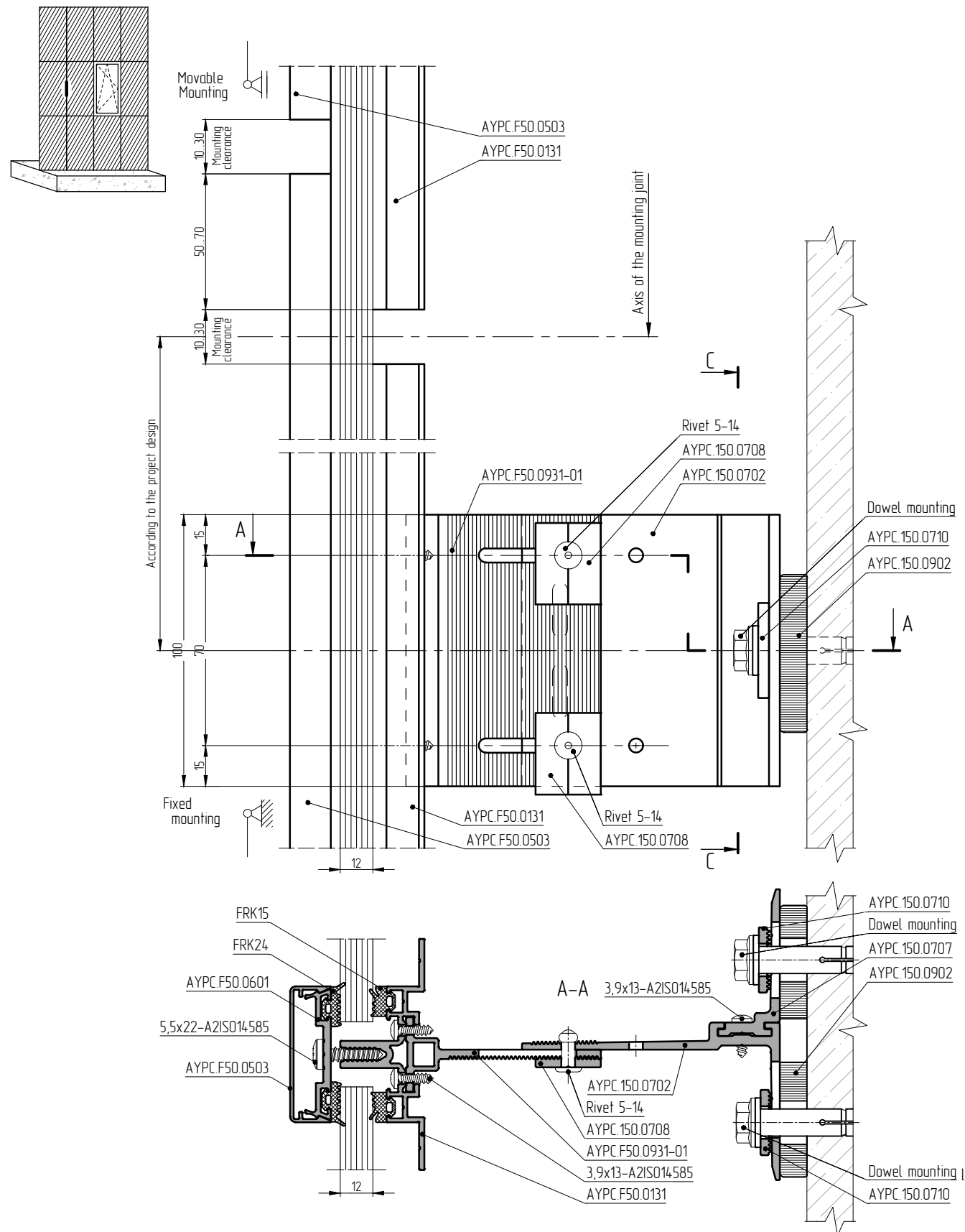
Separate bearing construction unit made according to the hinged-frame connection scheme on the 100 (HPWP-100)- bracket



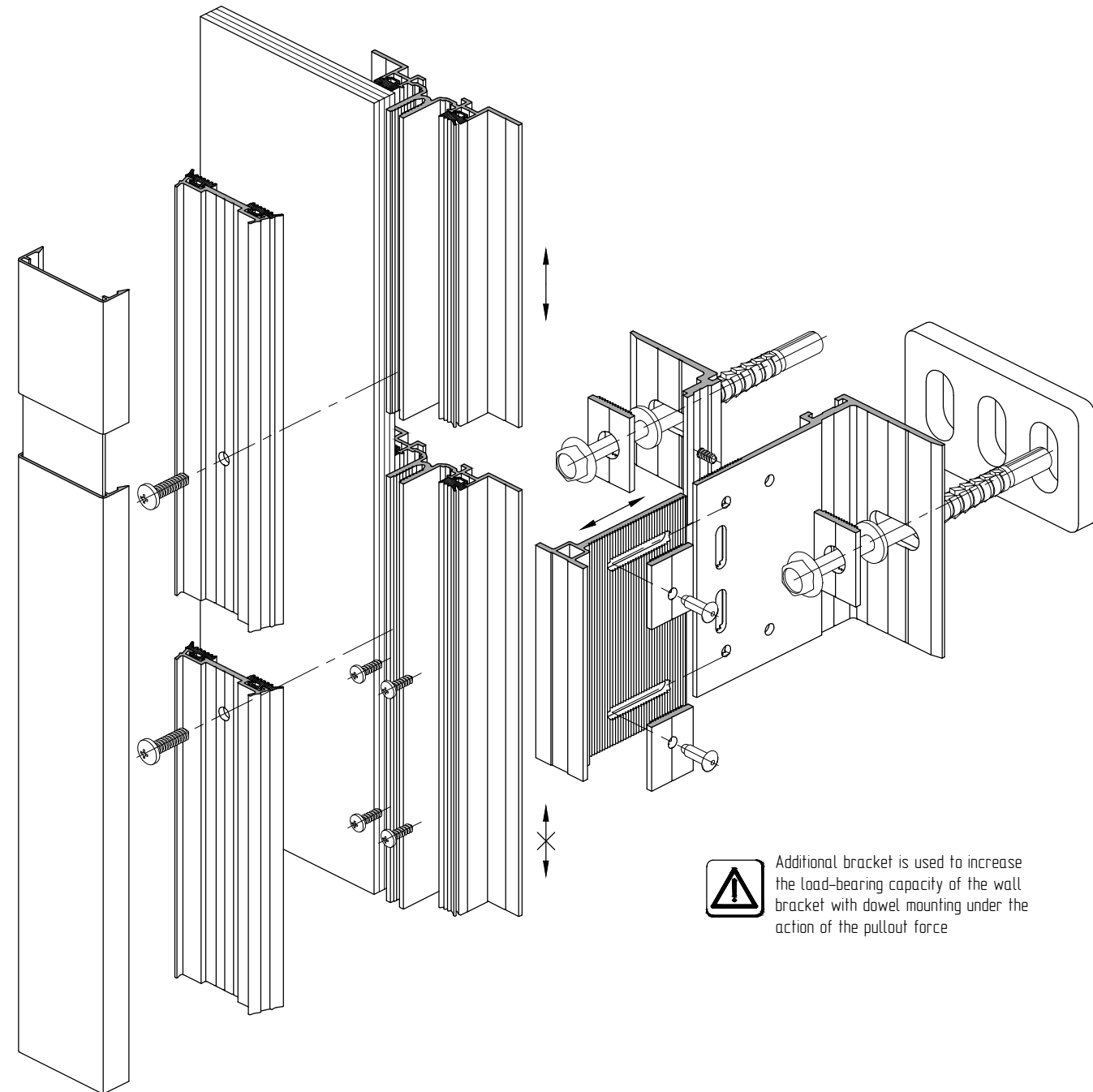
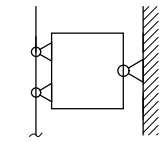
Note:

1. See section 04.03.09 for a HPWP-100 construction unit C-C cut.

Separate bearing construction unit made according to the hinged-frame connection scheme on the 100-bracket together with the (HPWP-100Д) additional bracket



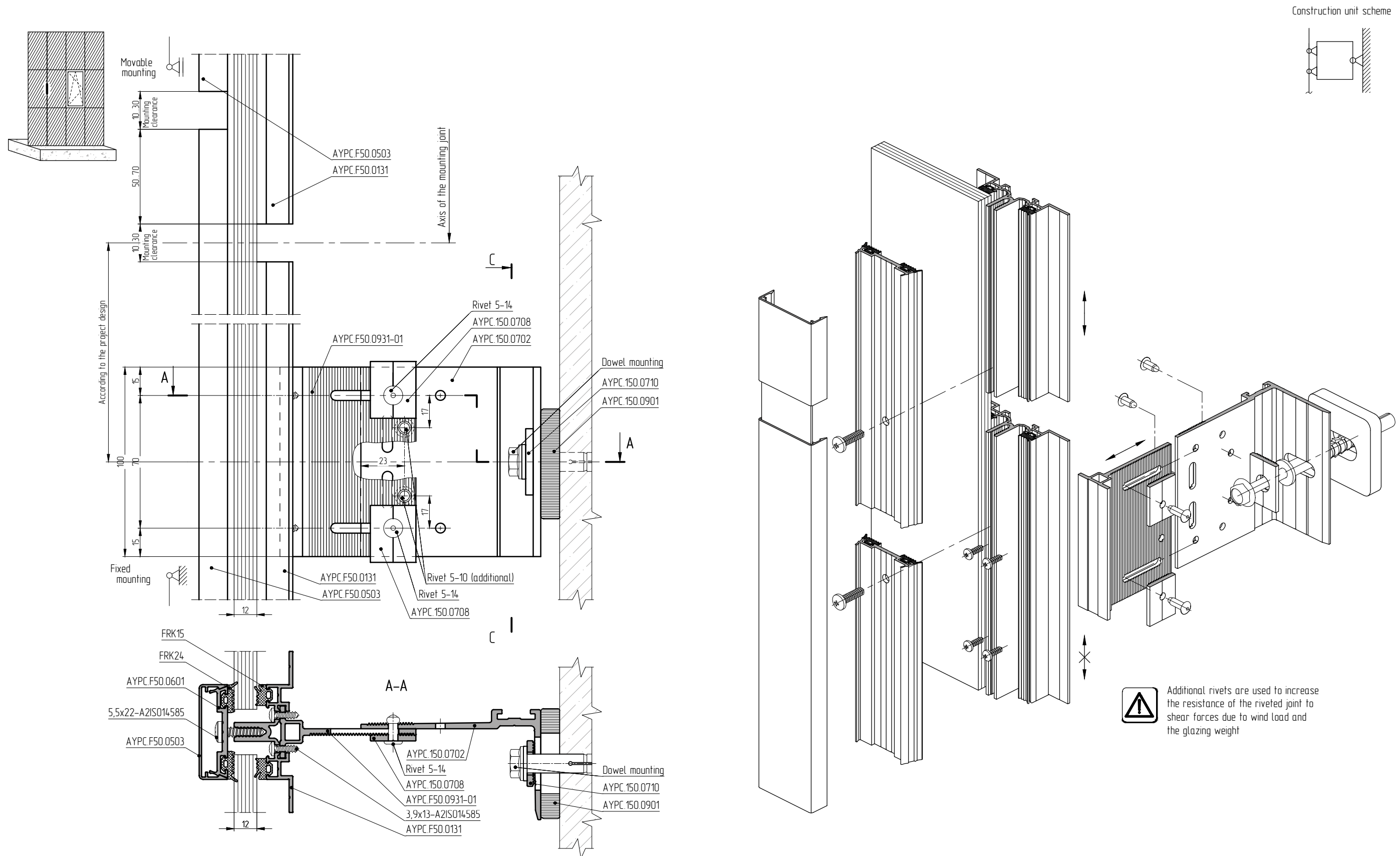
Construction unit scheme



Additional bracket is used to increase the load-bearing capacity of the wall bracket with dowel mounting under the action of the pullout force

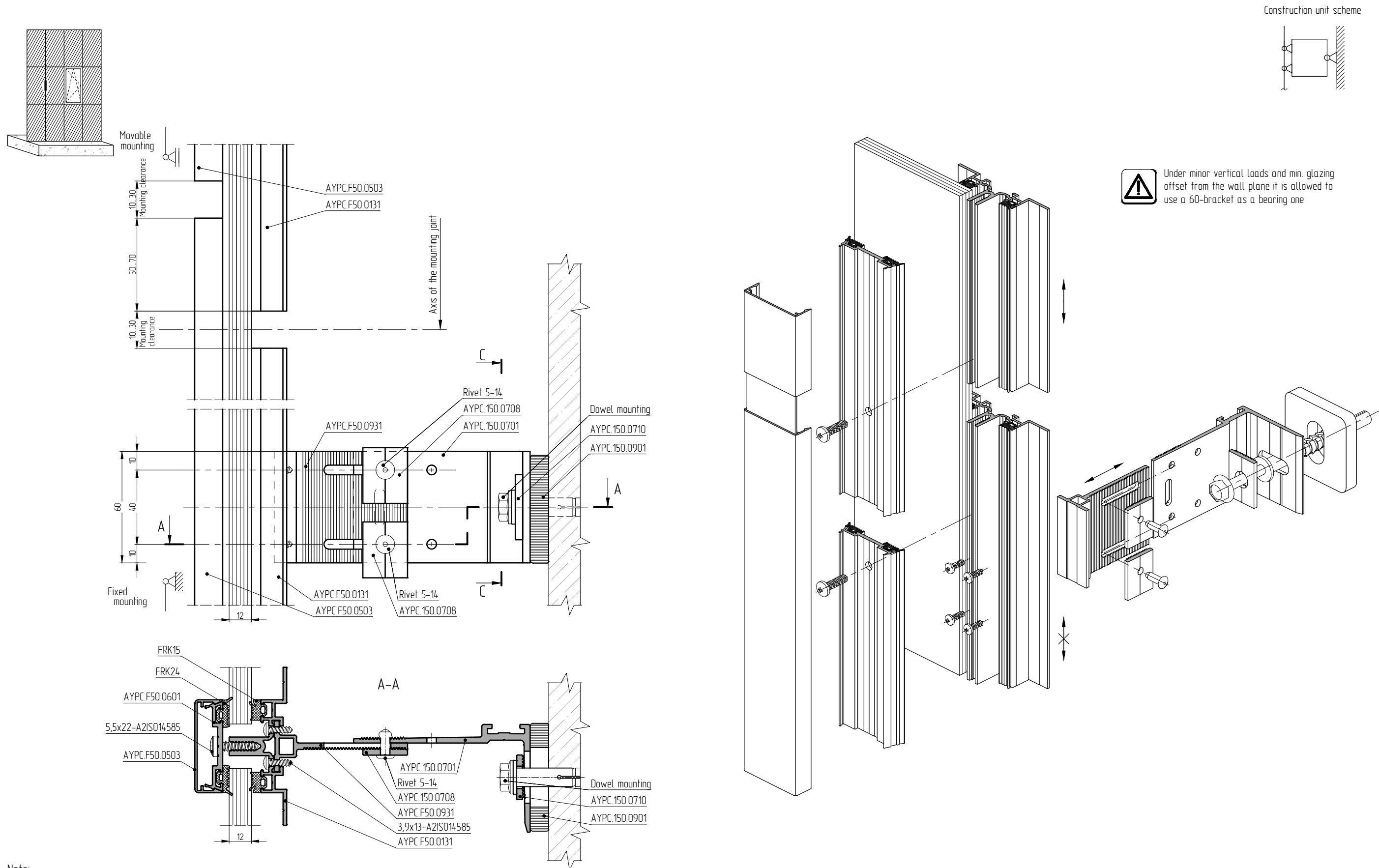
Note. See section 04.03.10 for a HPWP-100Д construction unit C-C cut.

Separate bearing construction unit made according to the hinged-frame connection scheme reinforced on the 100 (HPWPy-100)- bracket



Note:
 1. Separate bearing construction unit made according to the hinged-frame connection scheme reinforced on the 100-bracket can be used together with the additional (HPWPy-100Д) bracket
 2. See section 04.03.10 for a HPWPy-100 construction unit C-C cut.

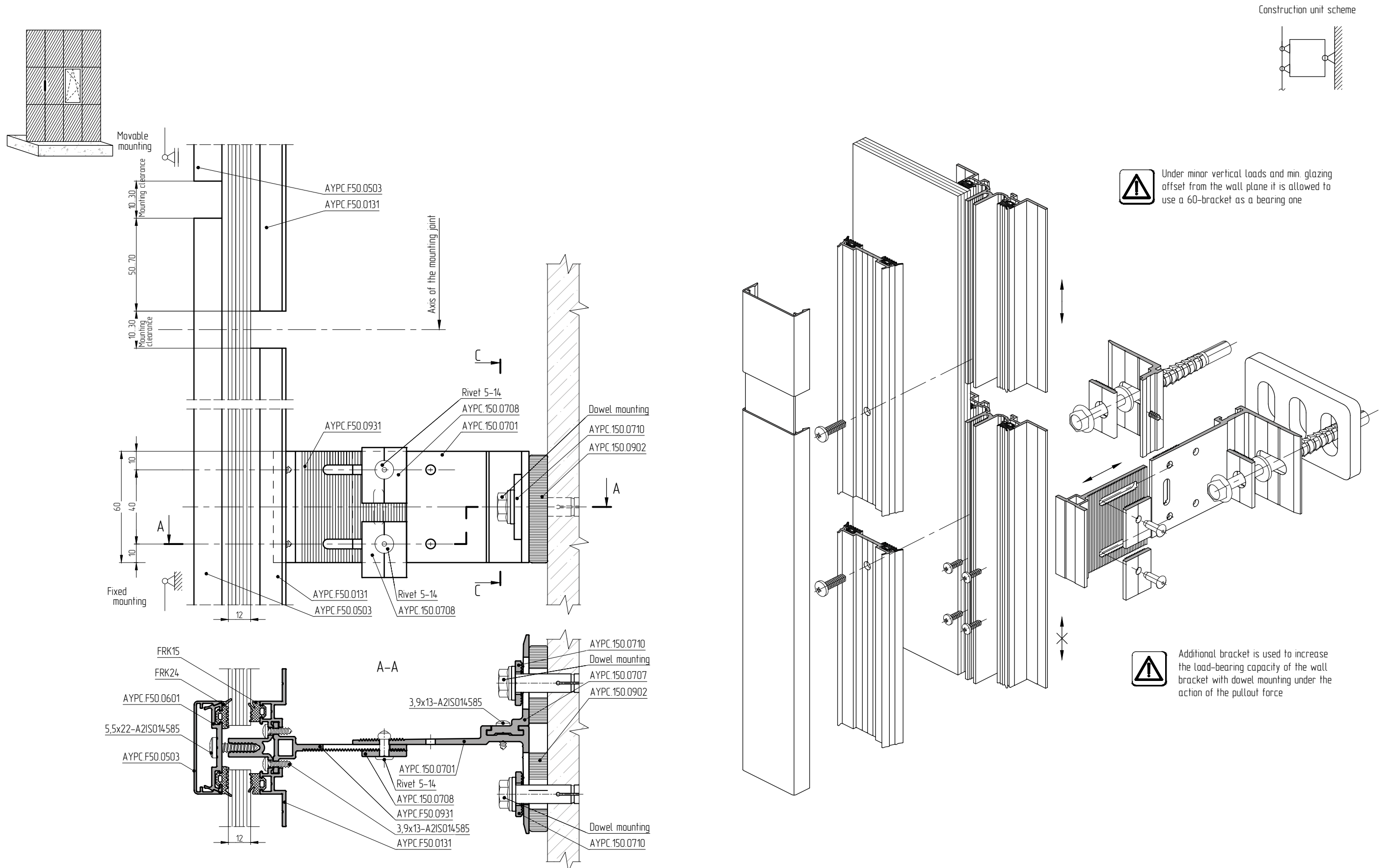
Separate bearing construction unit made according to the hinged-frame connection scheme on the 60 (HPWP-60) bracket



Note:

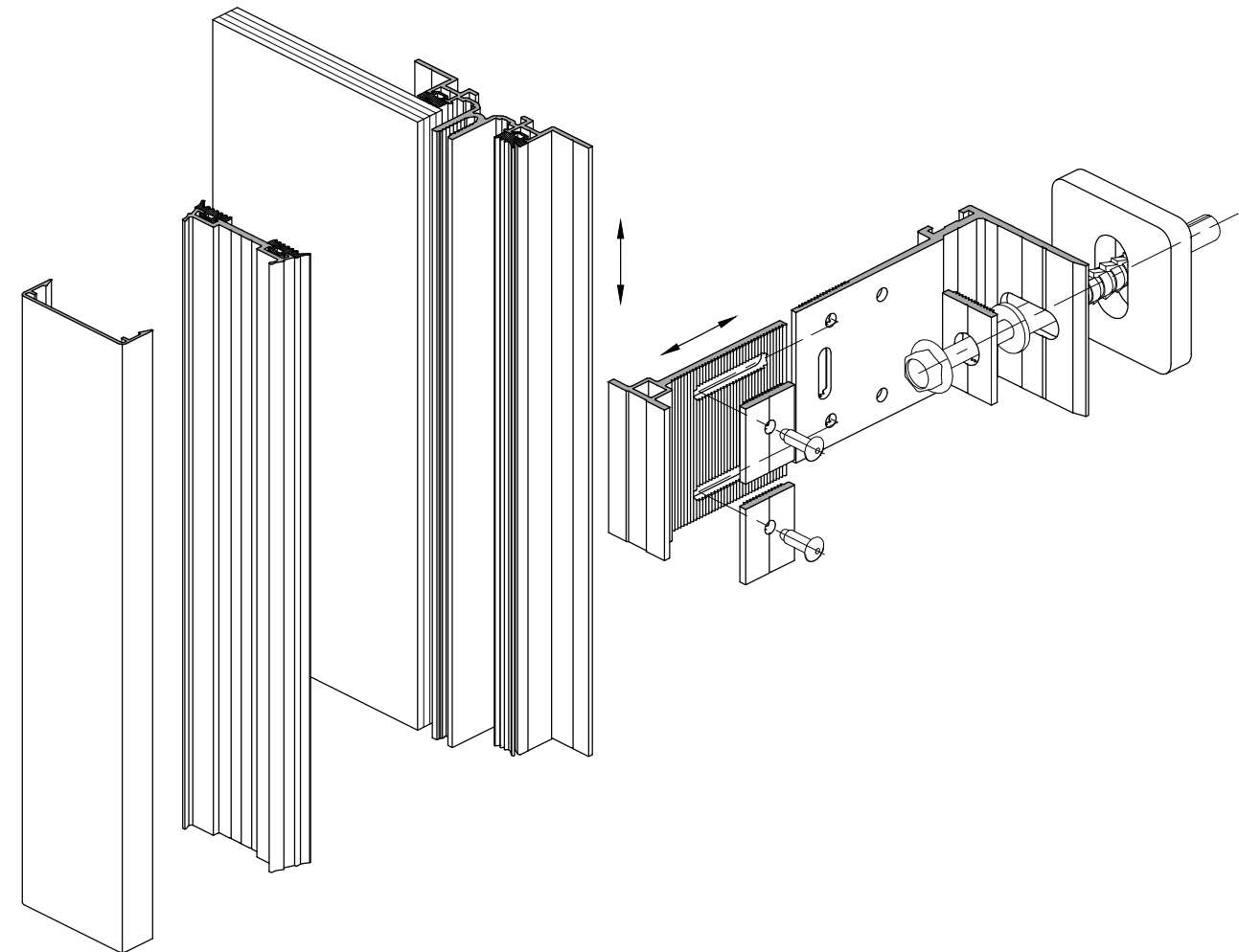
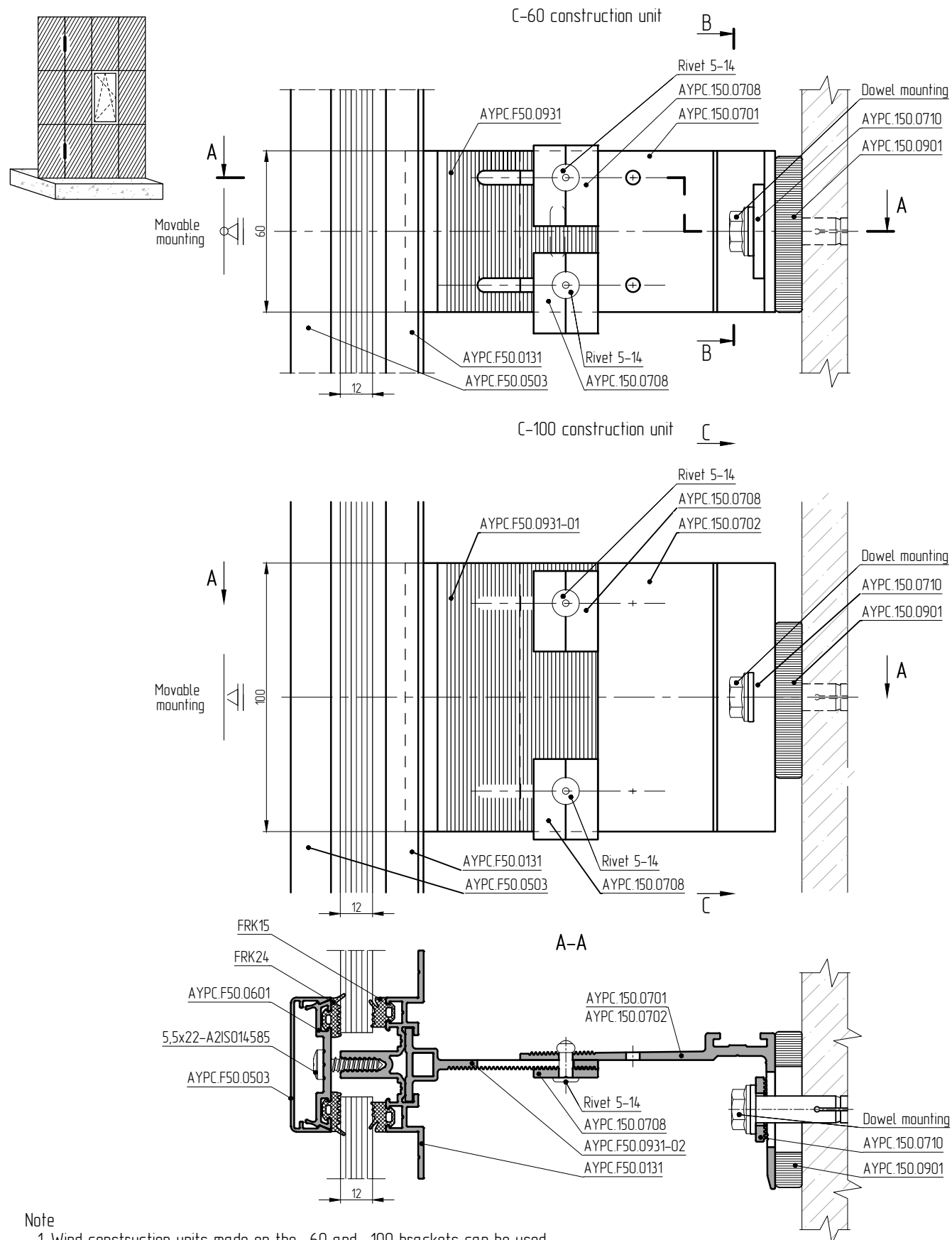
1. See section. 04.03.09 for a HPWP-60 construction unit C-C cut.

Separate bearing construction unit made according to the hinged-frame connection scheme on the 60- bracket together with the (HPWP-60) additional bracket



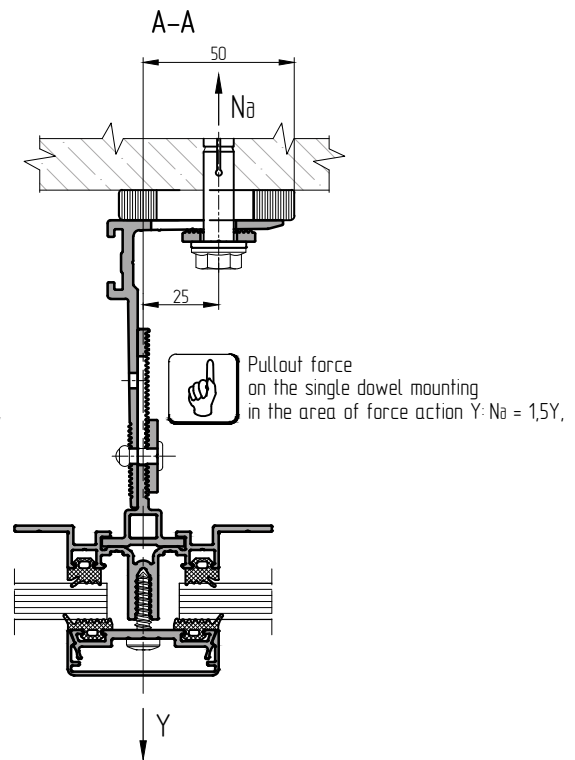
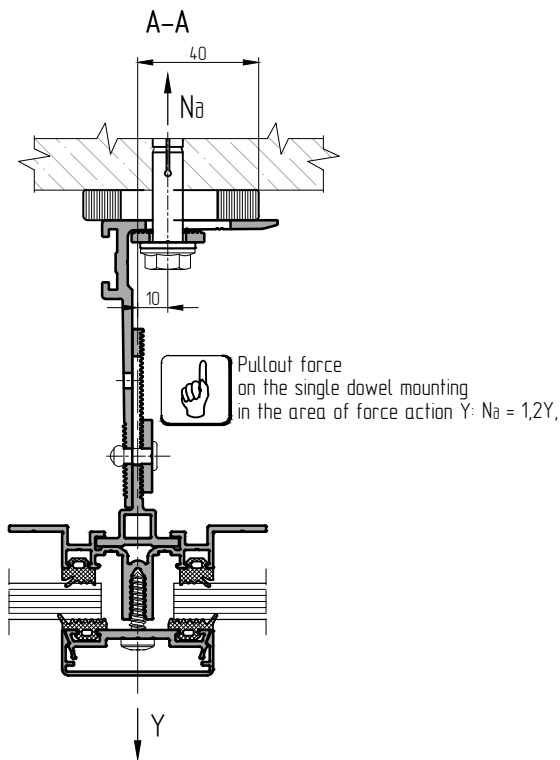
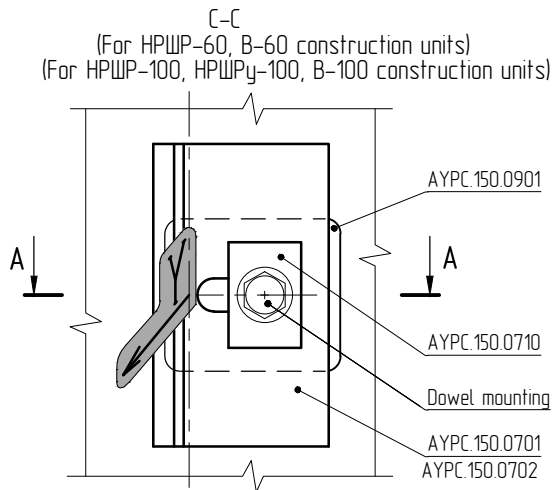
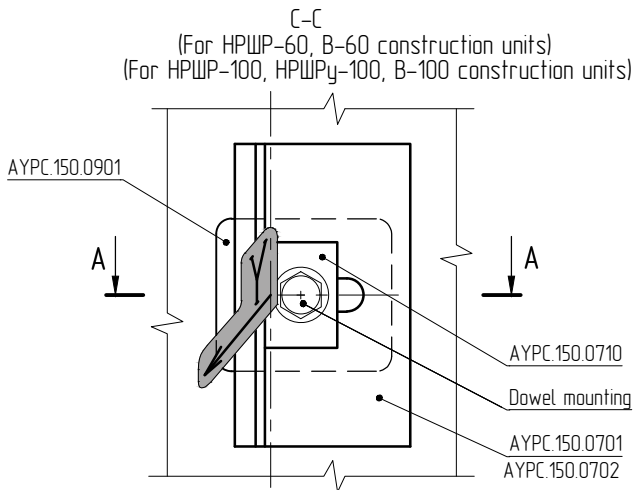
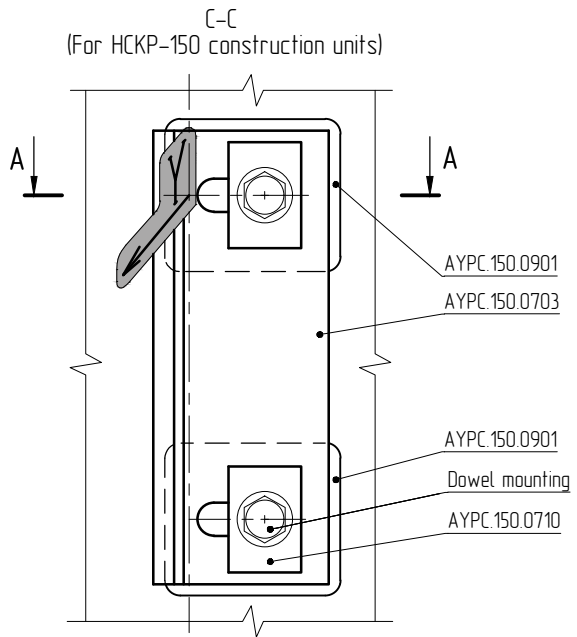
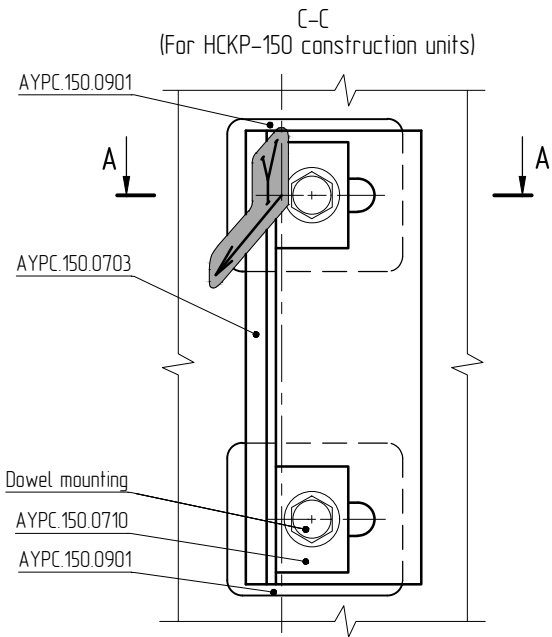
Note: See section 04.03.09 for a HPWP-60 construction unit C-C cut.

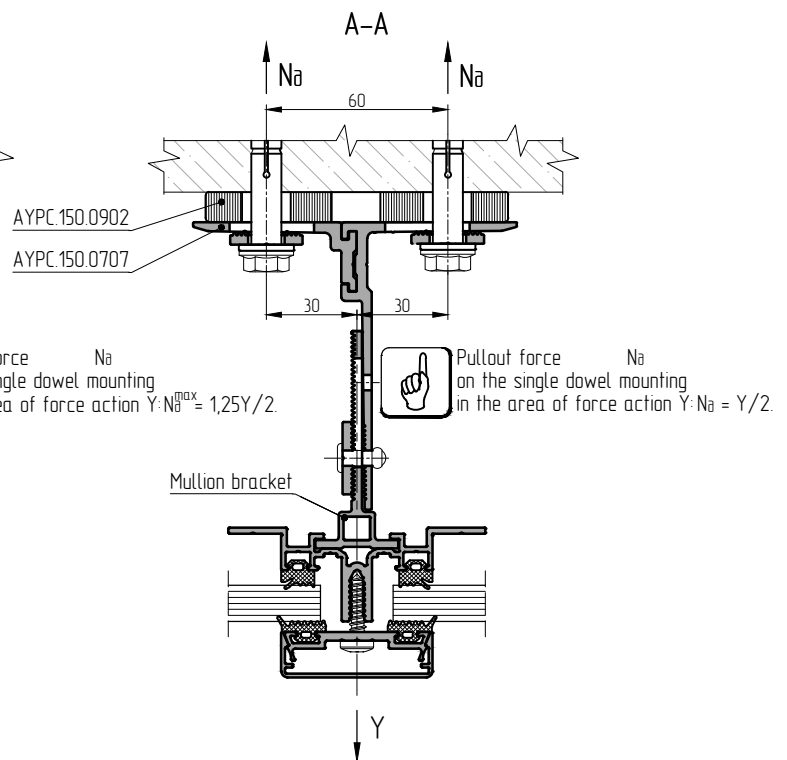
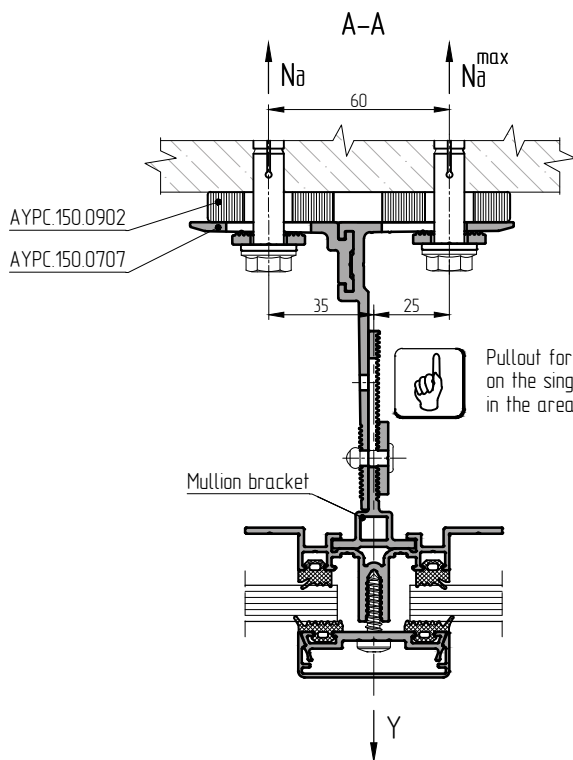
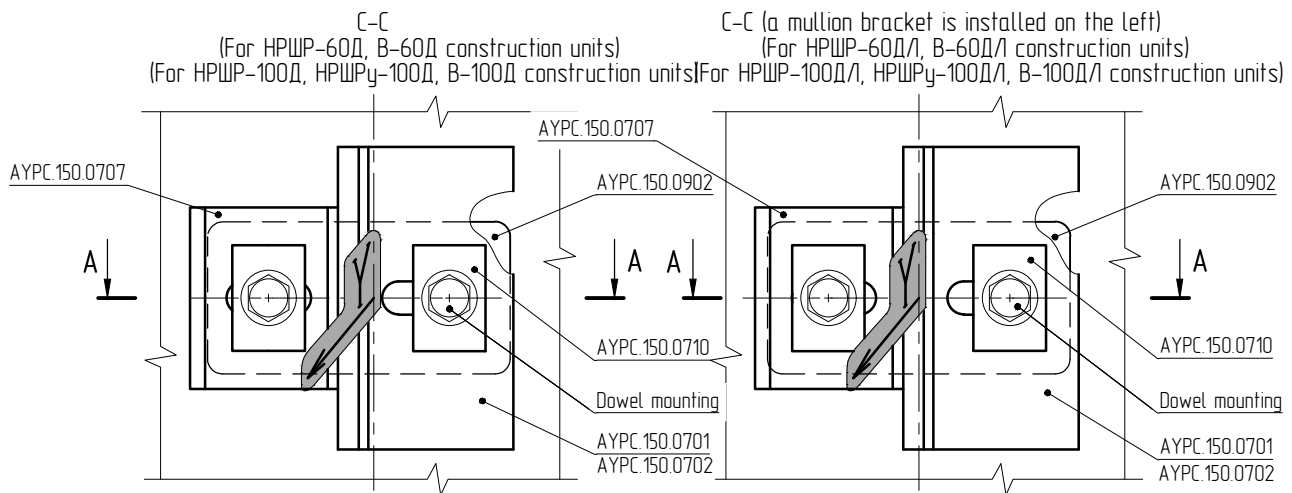
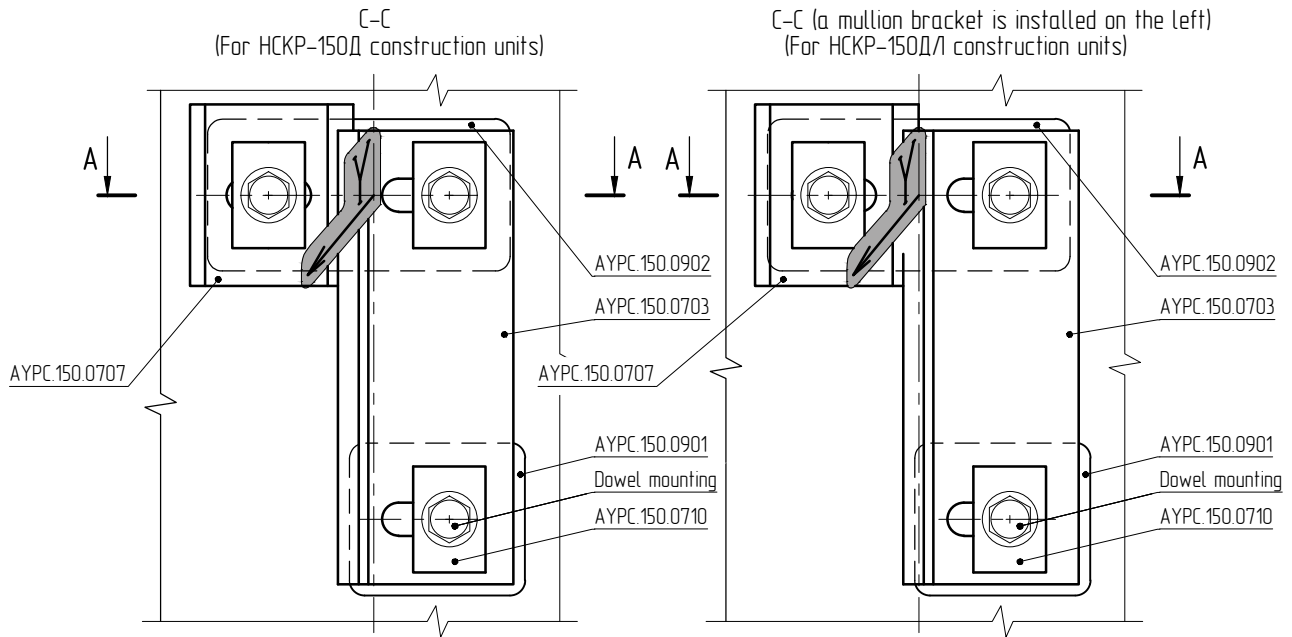
Bearing construction units (wind), made on the -60 (B-60) and -100 (B-100) brackets

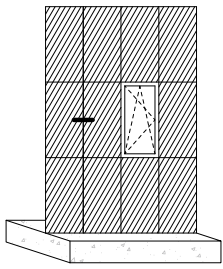


Note

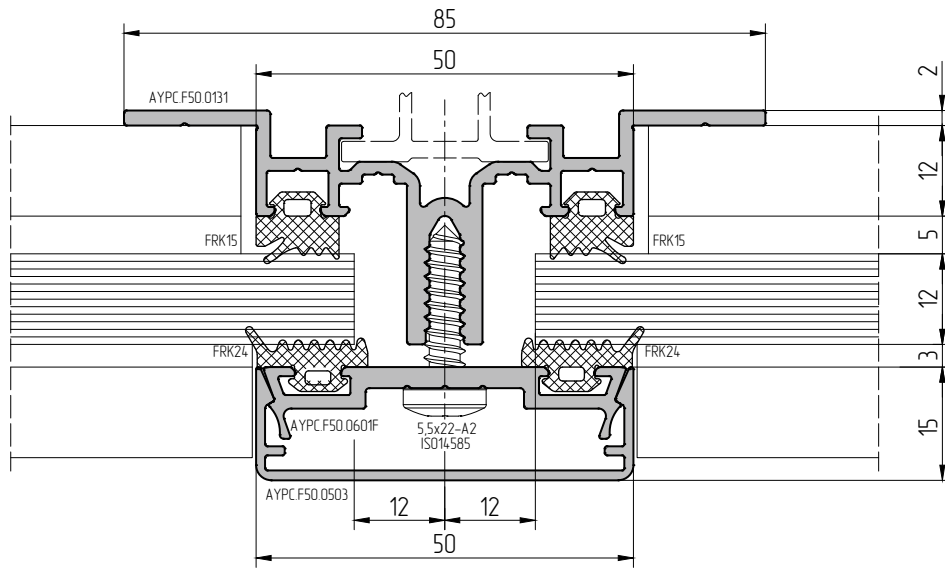
1. Wind construction units made on the -60 and -100 brackets can be used together with an additional bracket (B-60 and B-100 correspondingly).
2. See section 04.03.09 for a B-60 and B-100 construction units C-C cut.





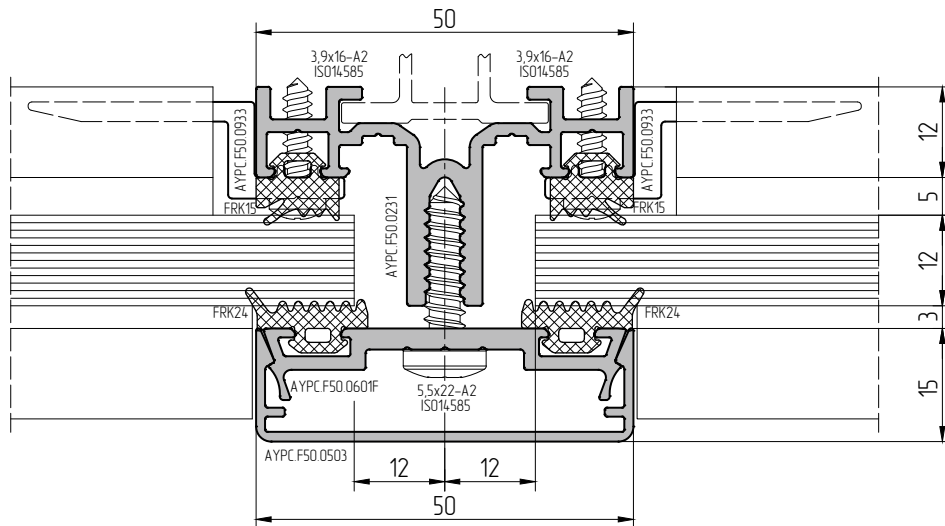


The main type of connection



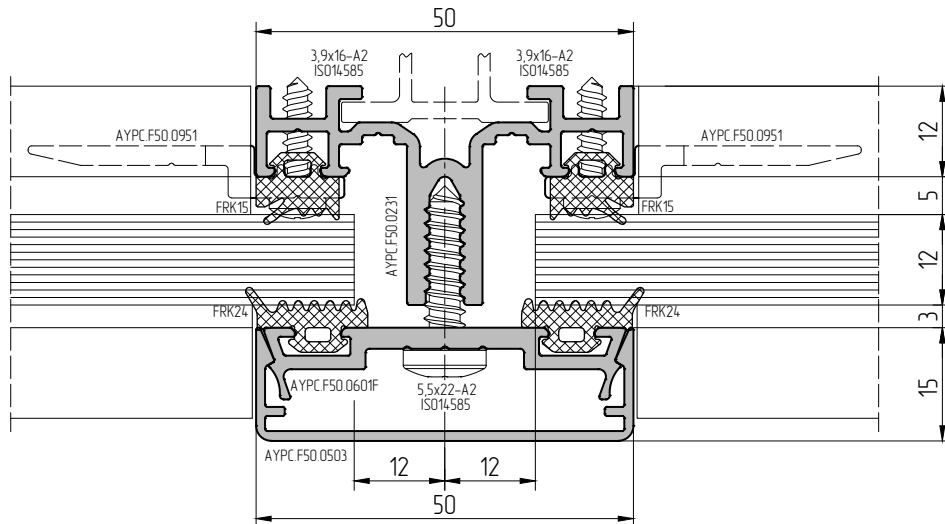
Option 1

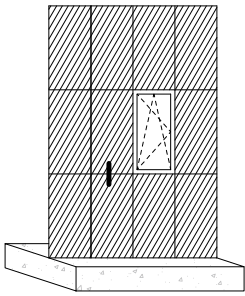
The transom is used as a mullion



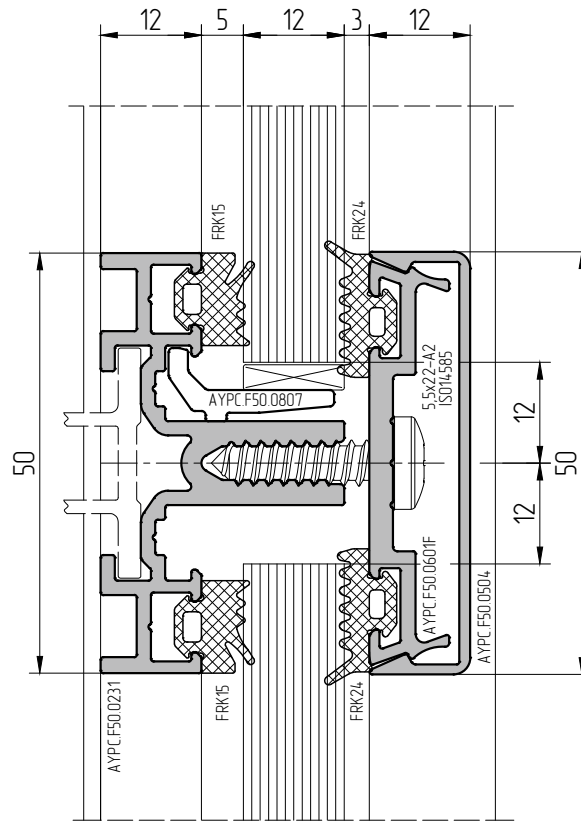
Option 2

The transom is used as a mullion

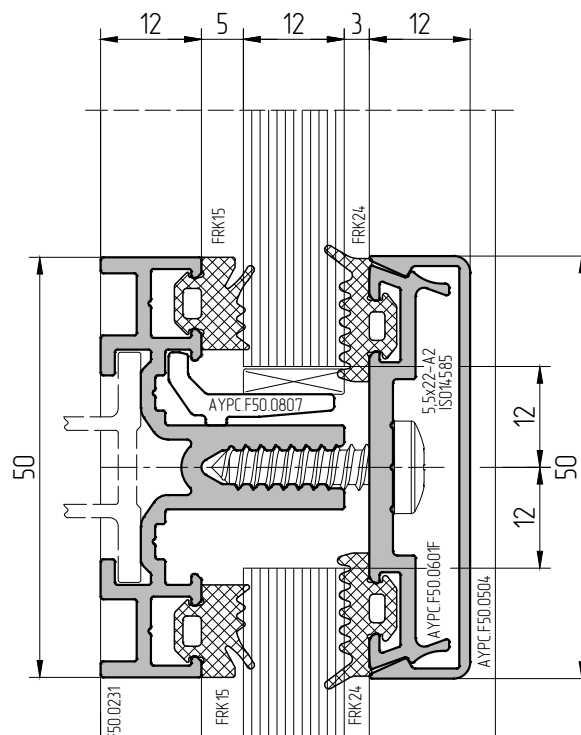


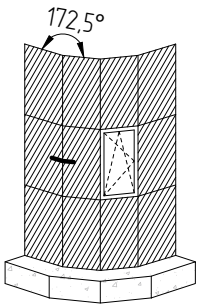


Option 1
The transom is connected to the mullion

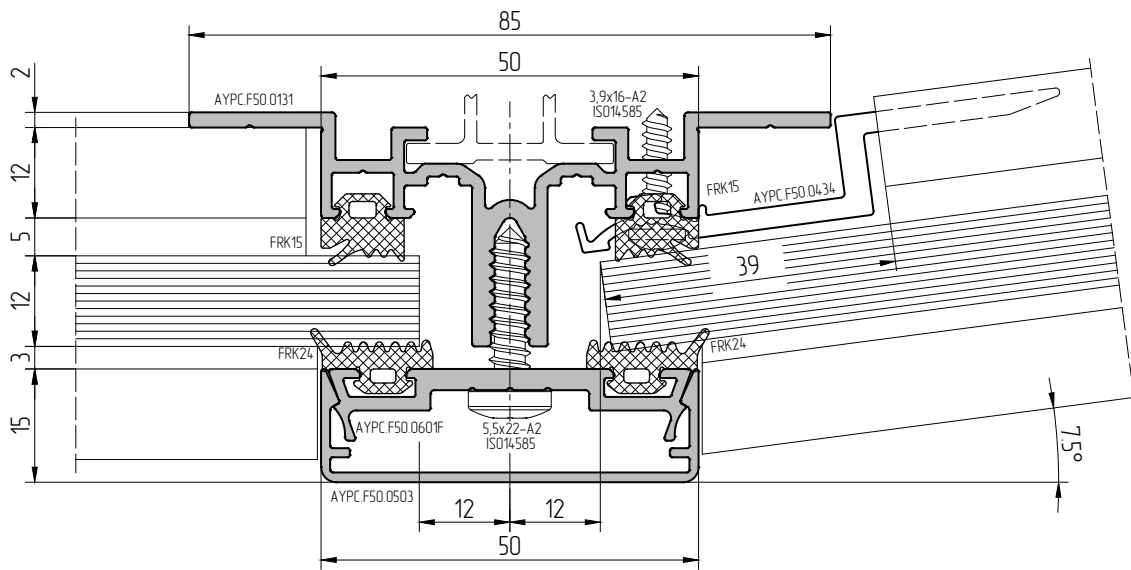


Option 2
The transom is used as a mullion

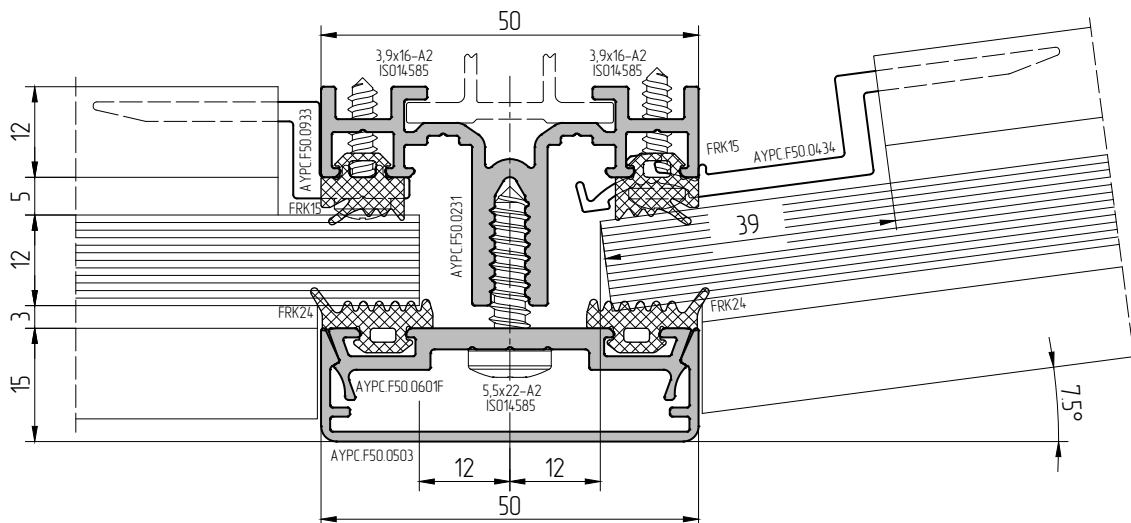


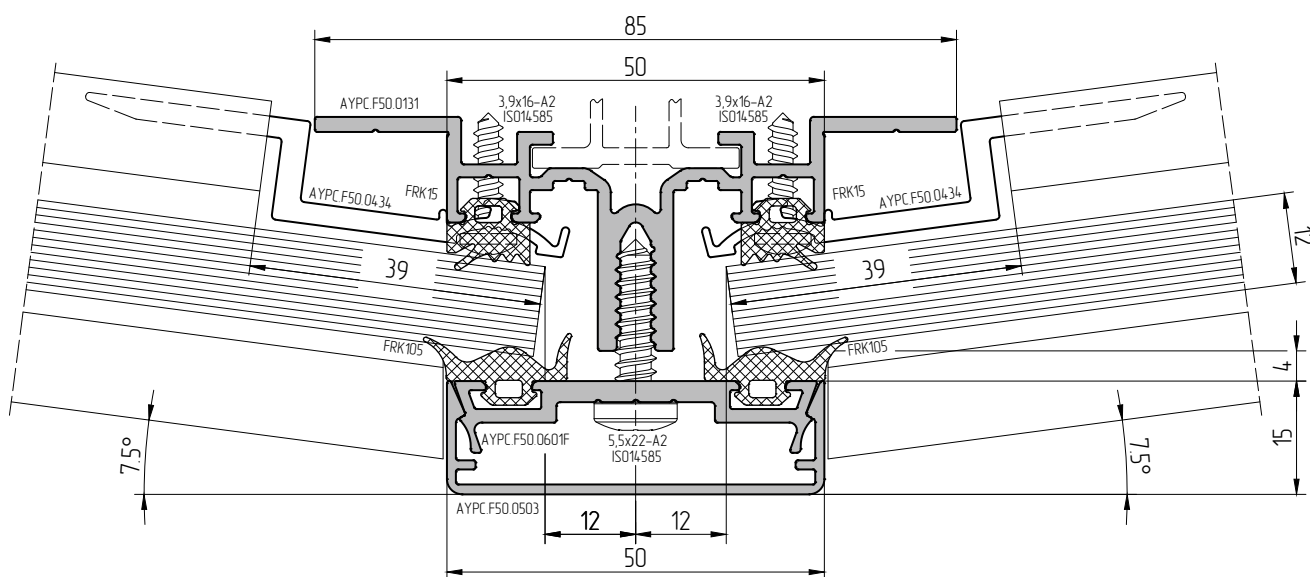
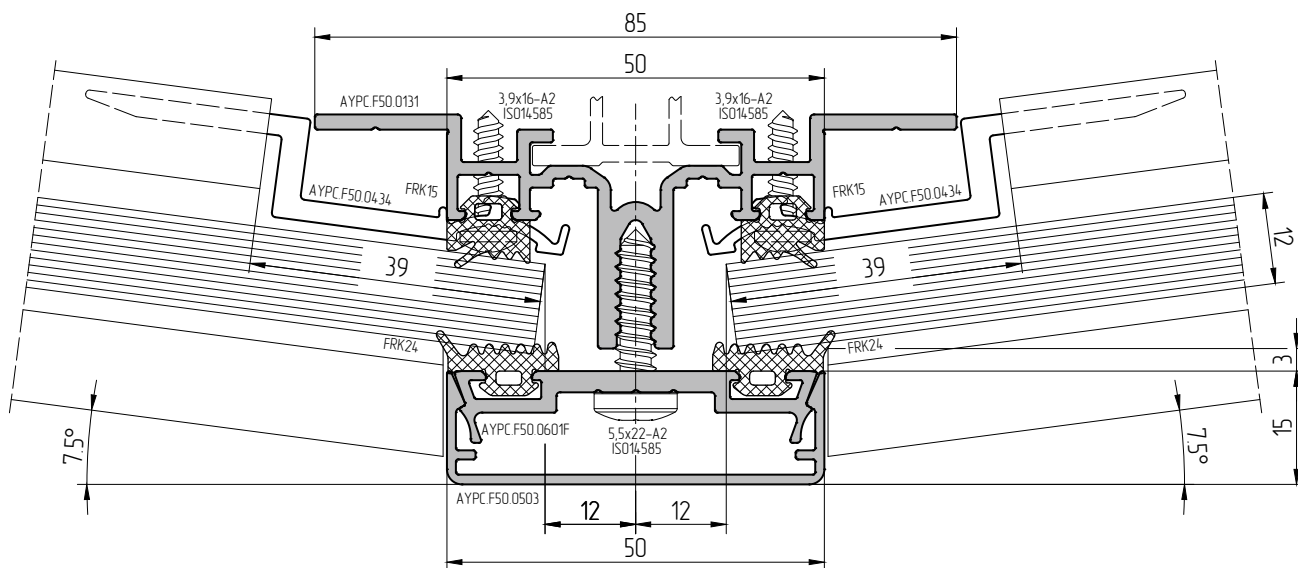
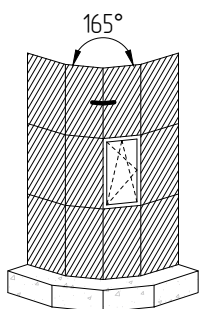


The main type of connection

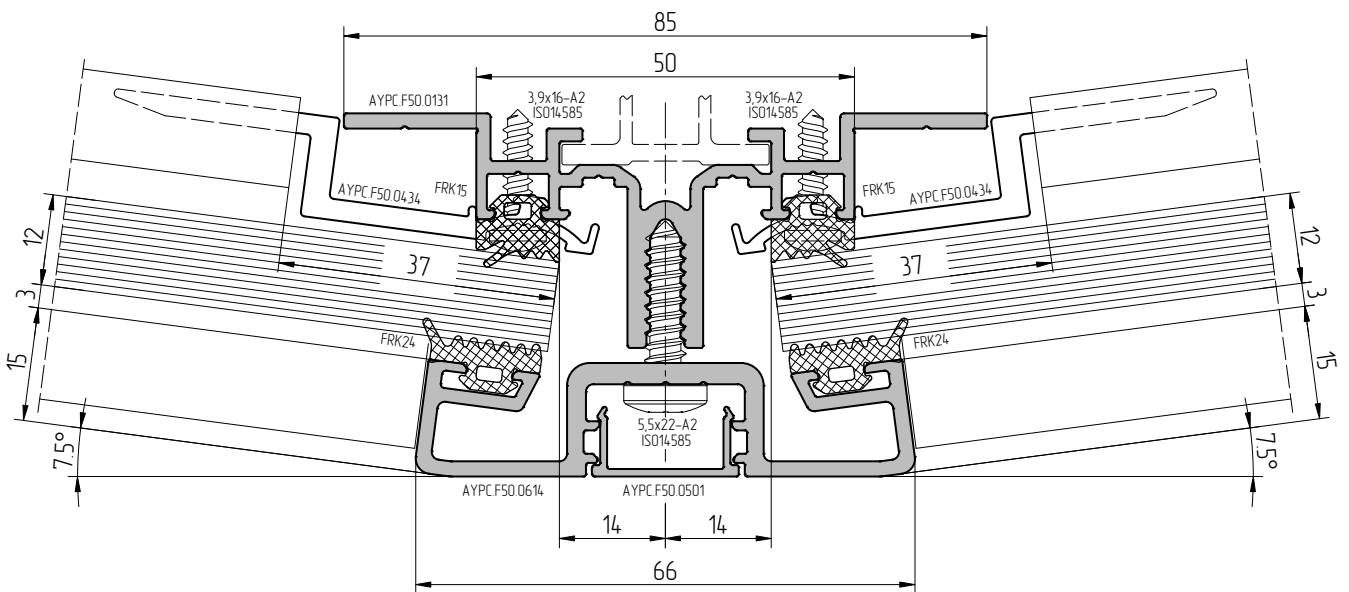
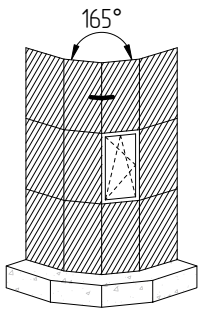
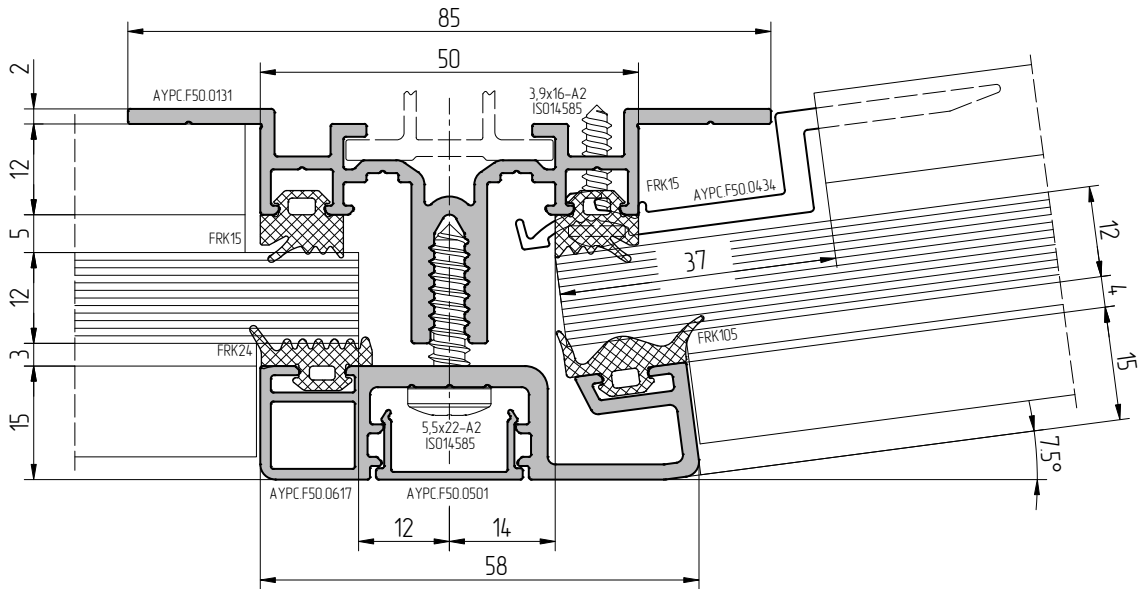
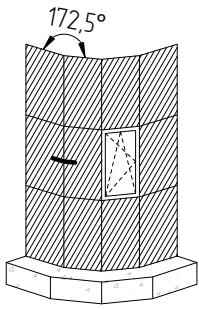


Option
The transom is used as a mullion

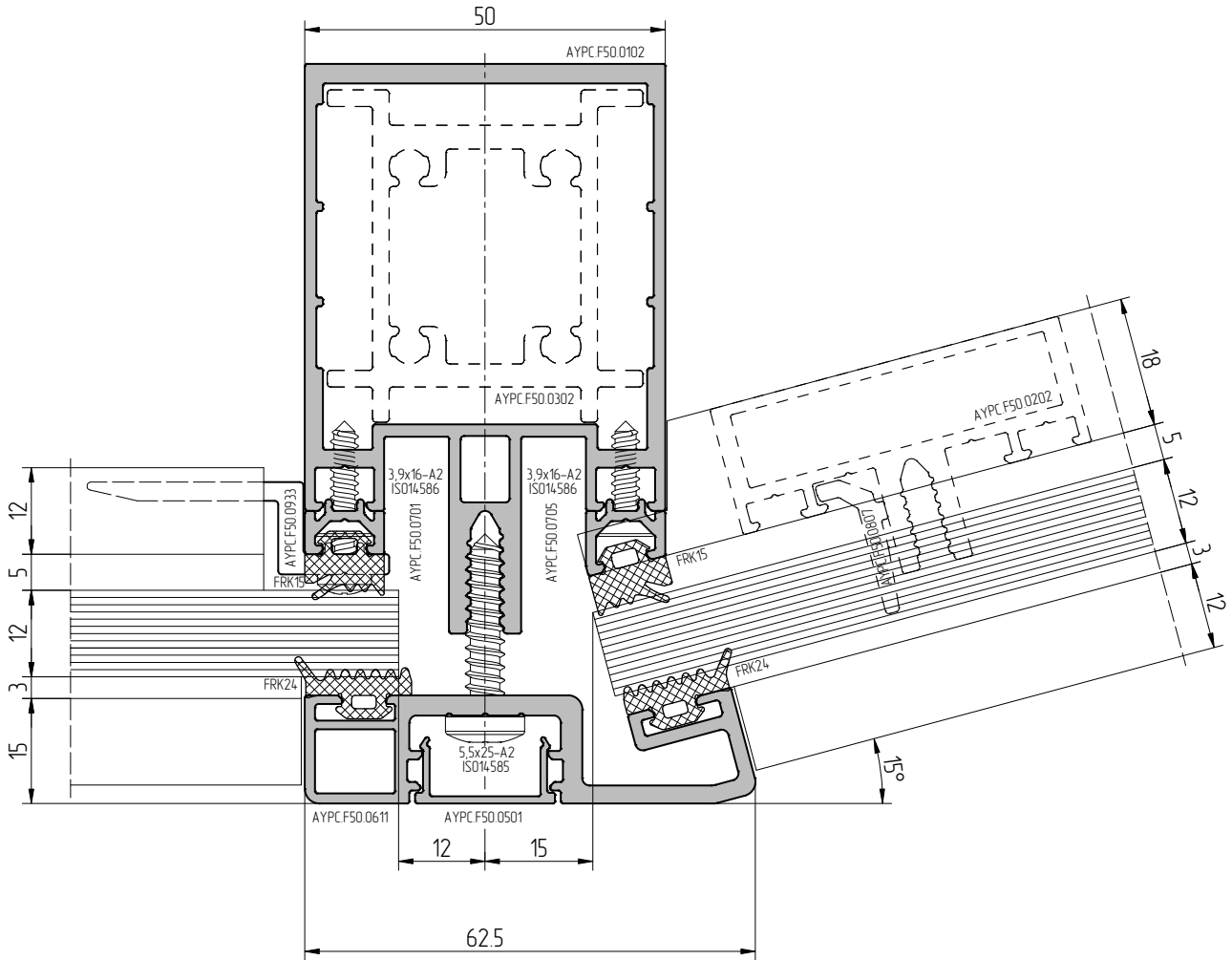
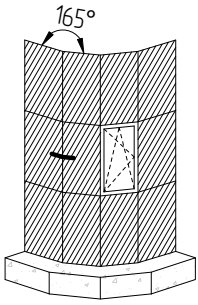


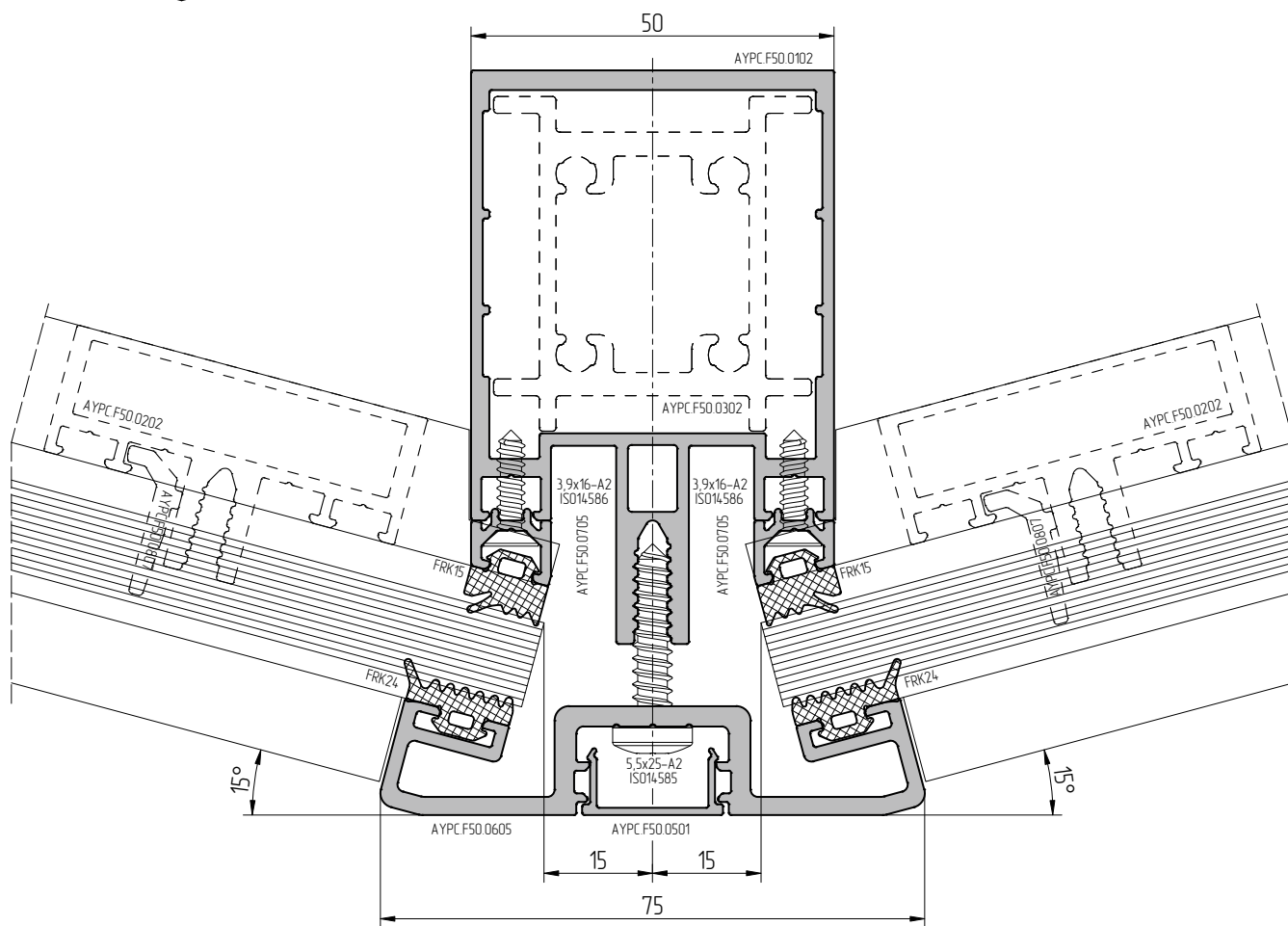
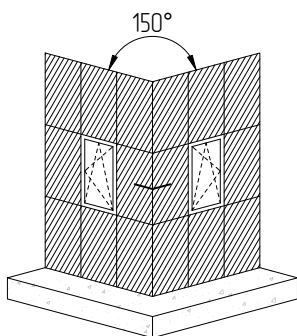


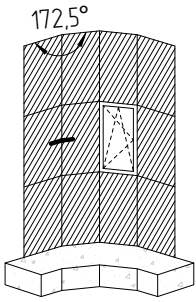
If necessary, AYP.C.F50.0231 transom can be used as a mullion



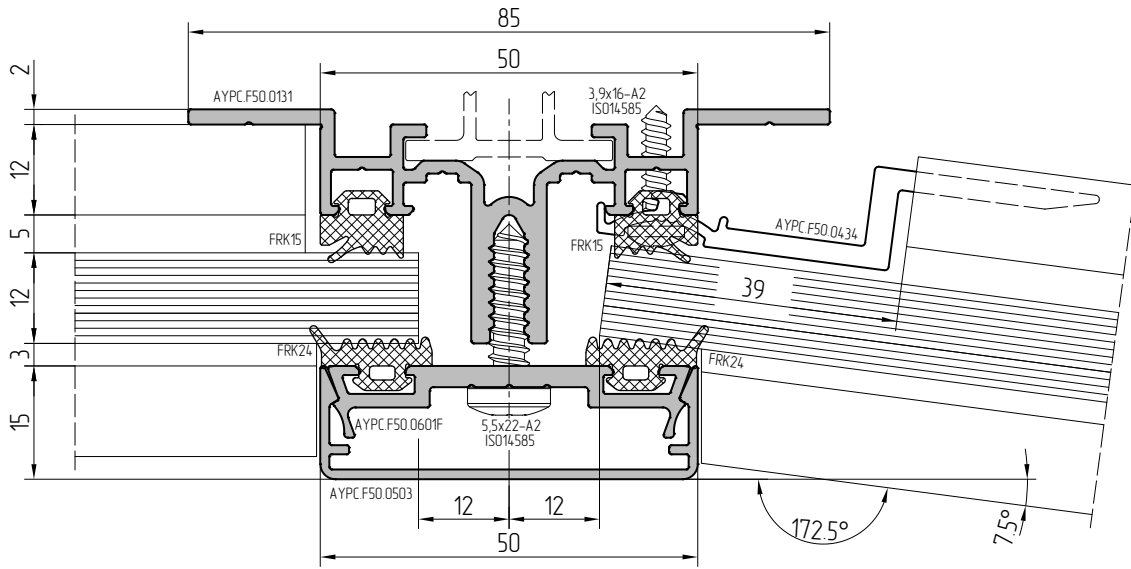
If necessary, AYPC.F50.0231 transom can be used as a mullion



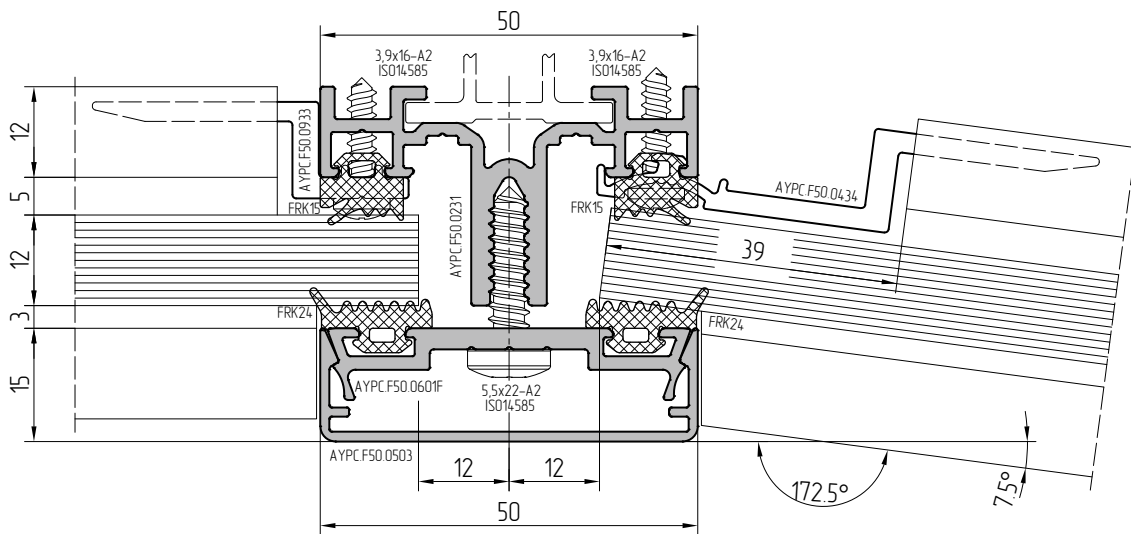


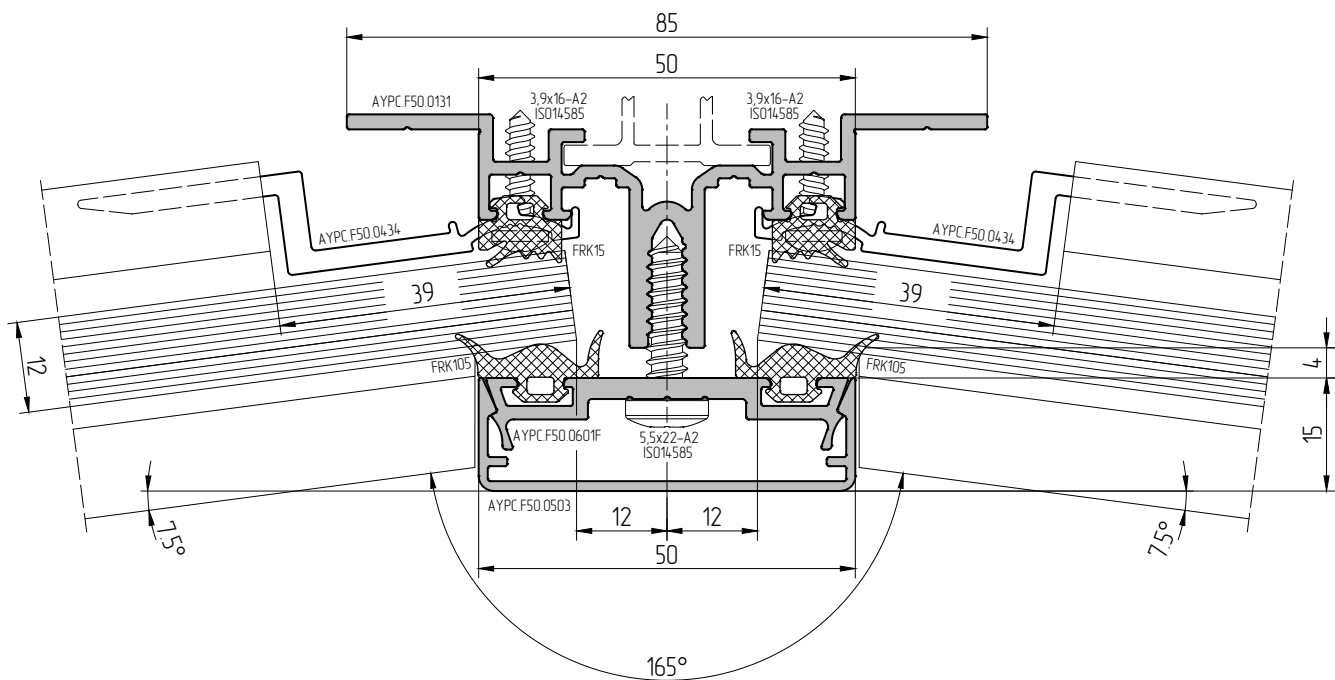
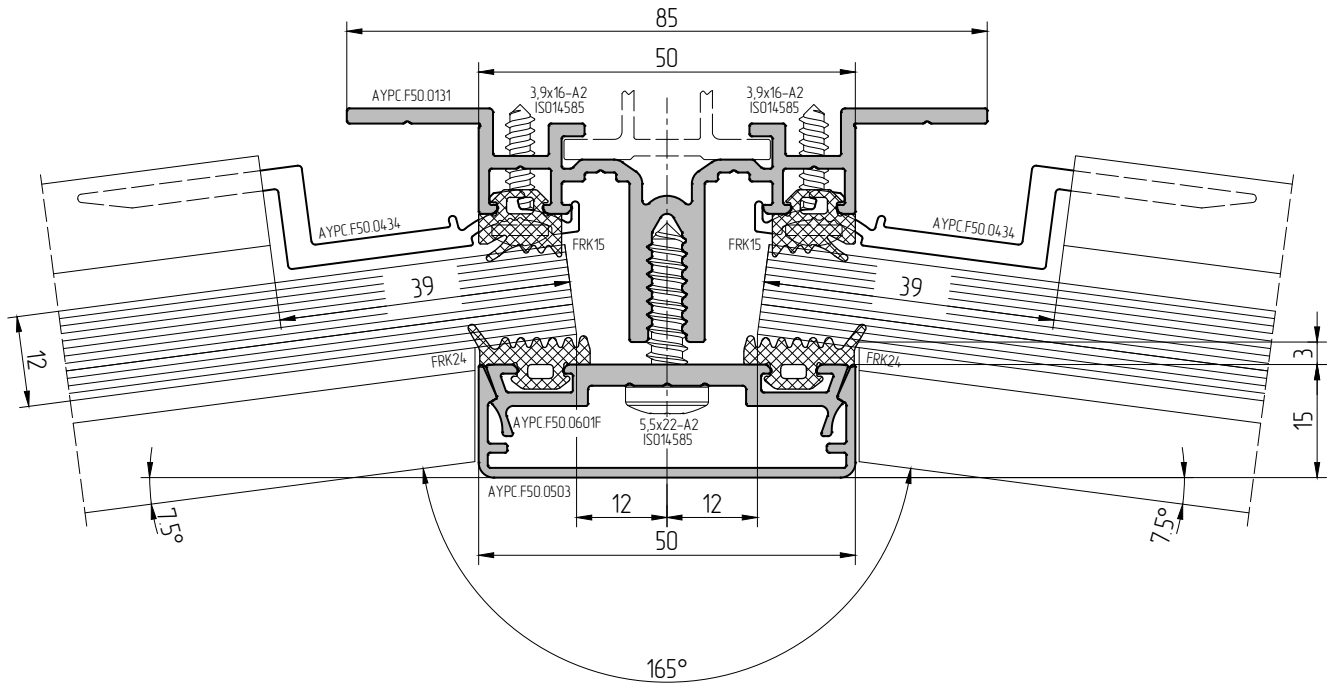
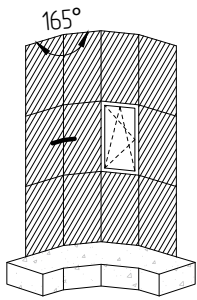


The main type of connection

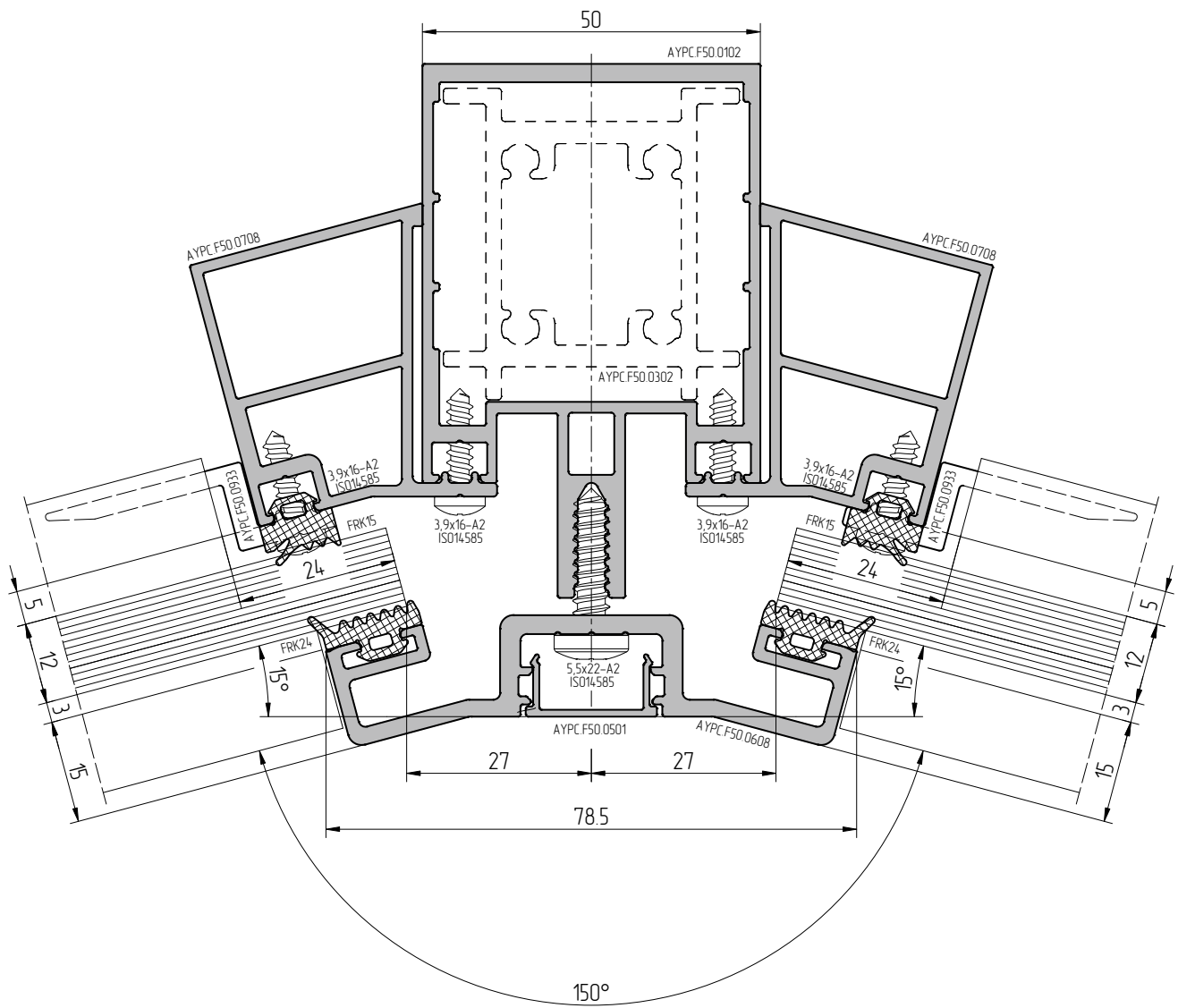
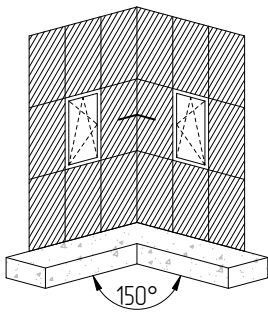


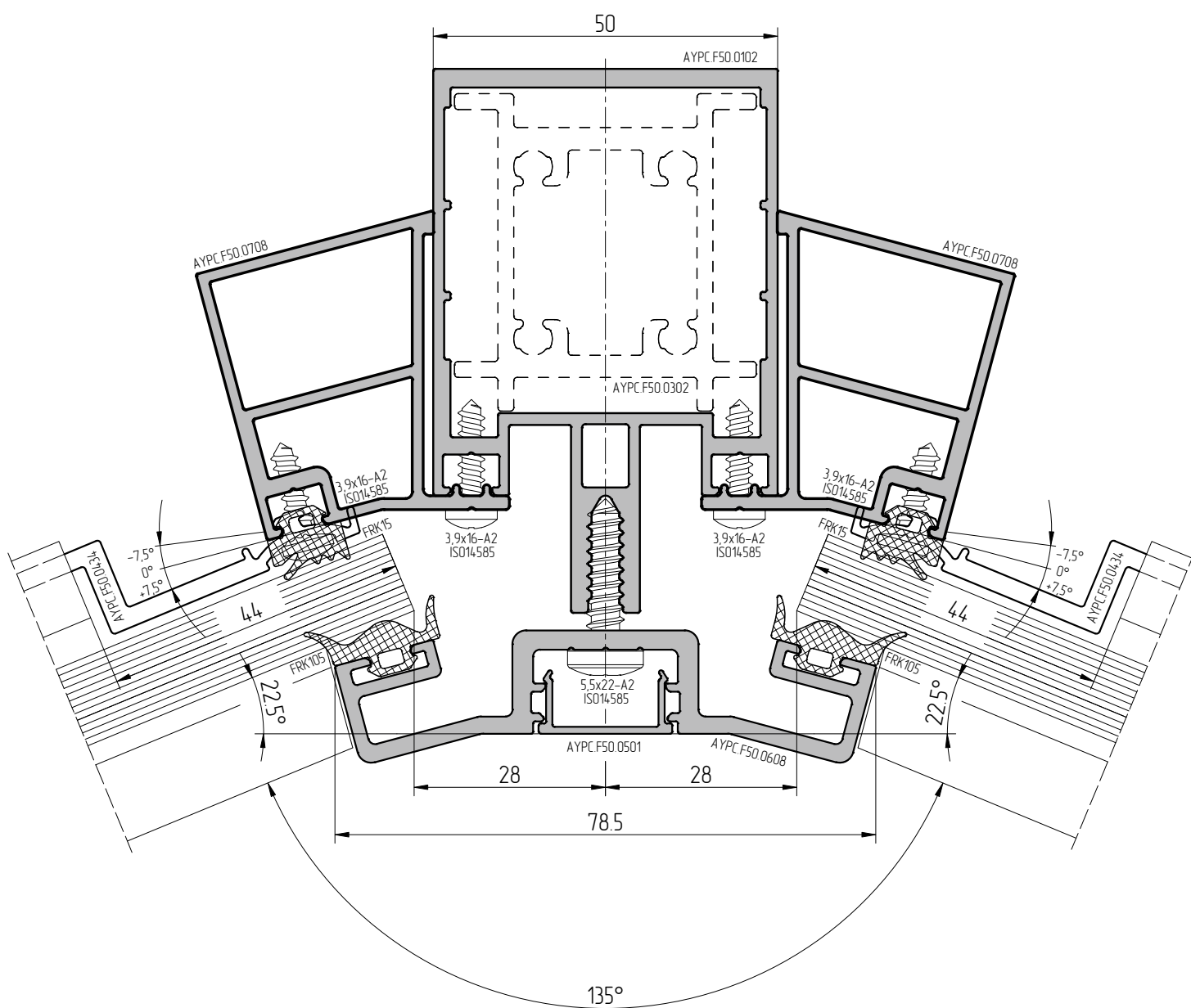
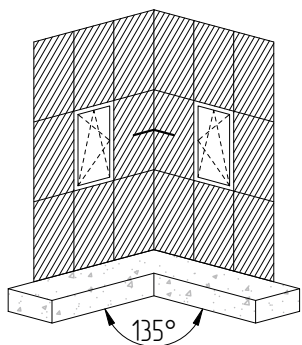
Option
The transom is used as a mullion

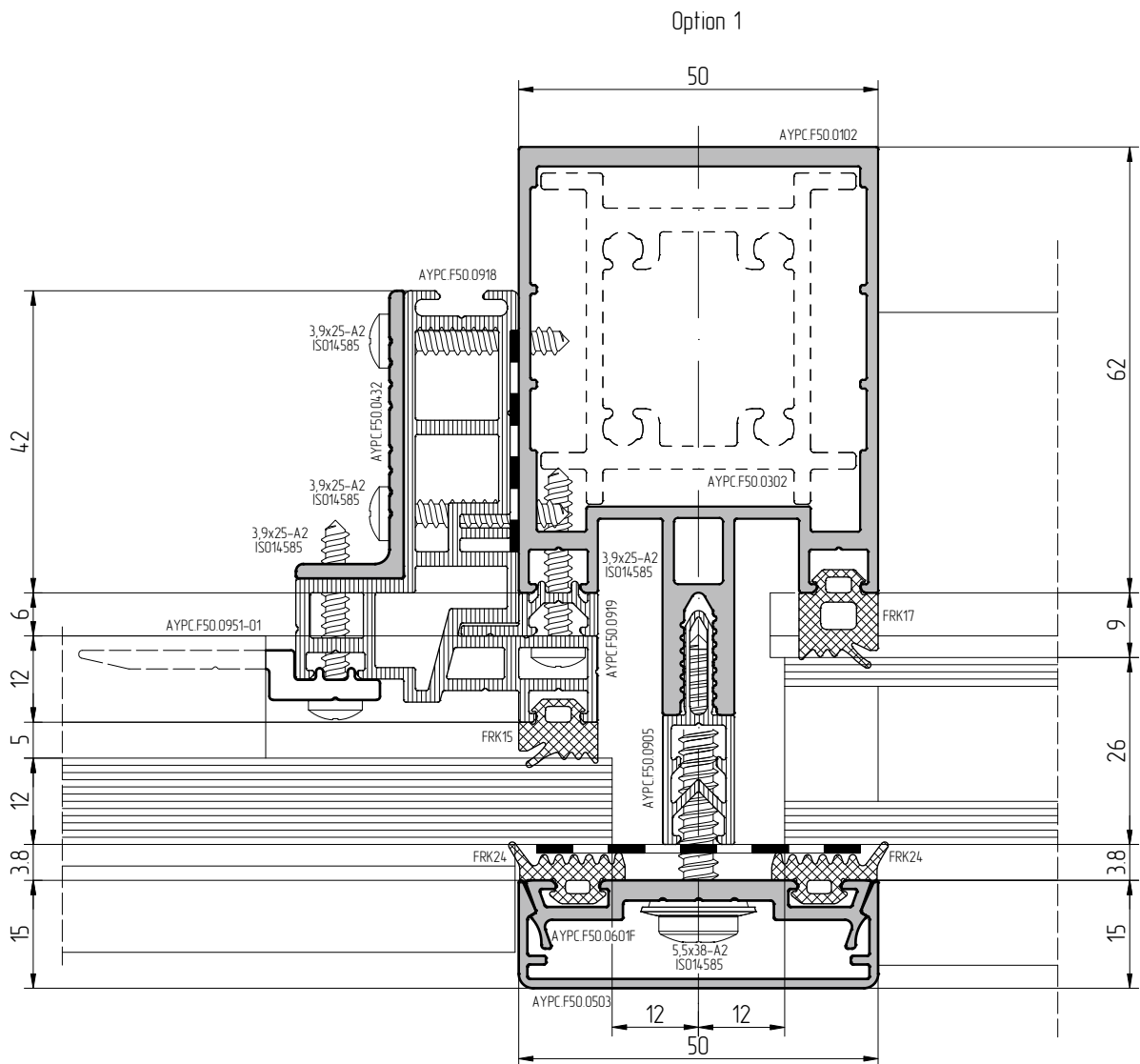
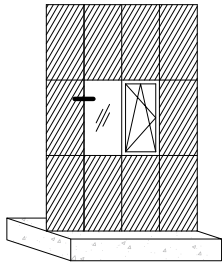


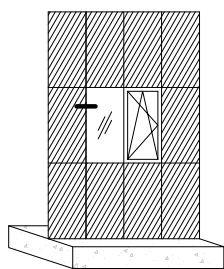


If necessary, AYPC.F50.0231 transom can be used as a mullion

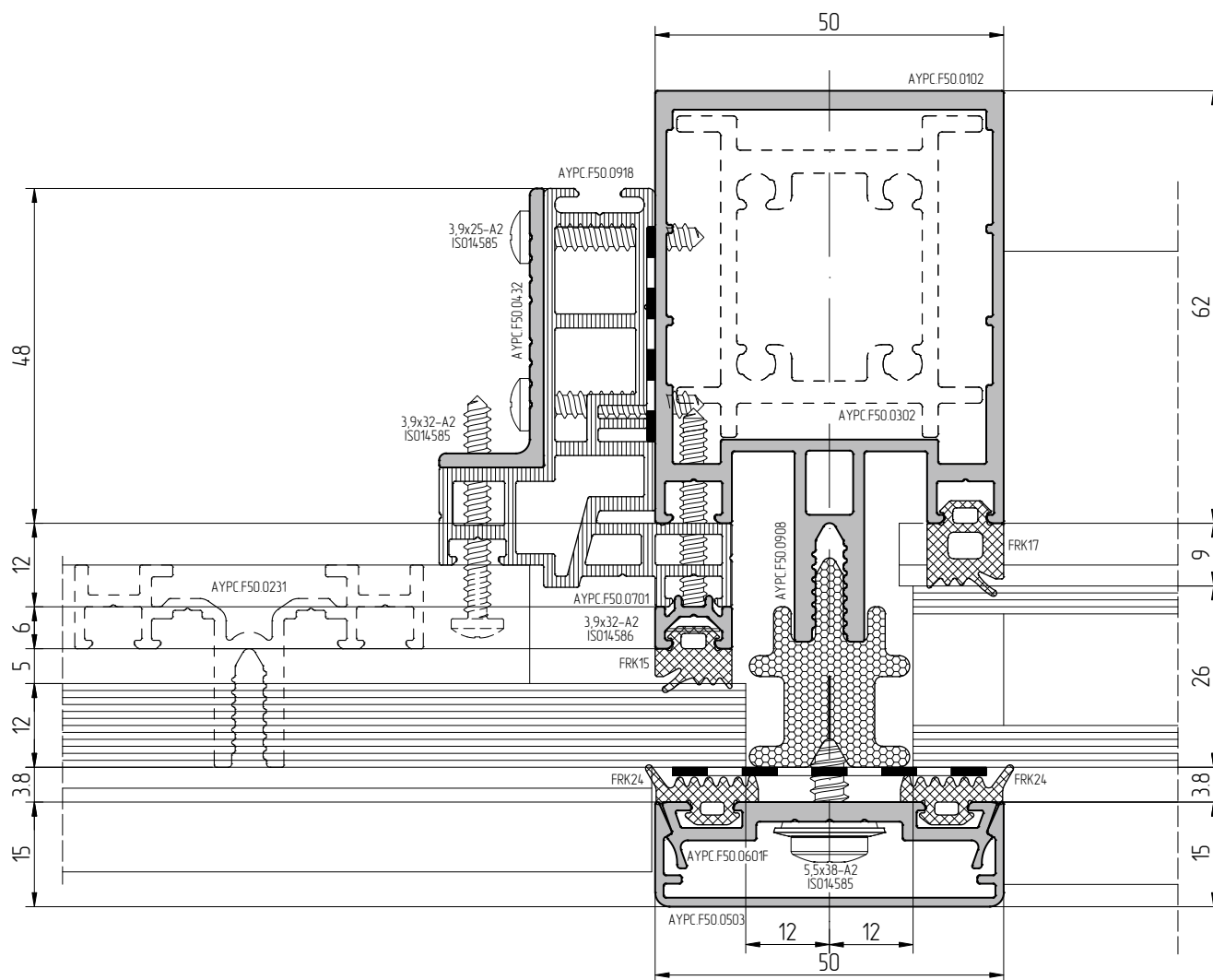


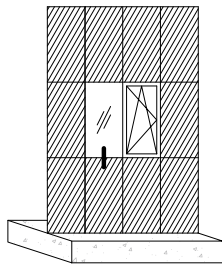




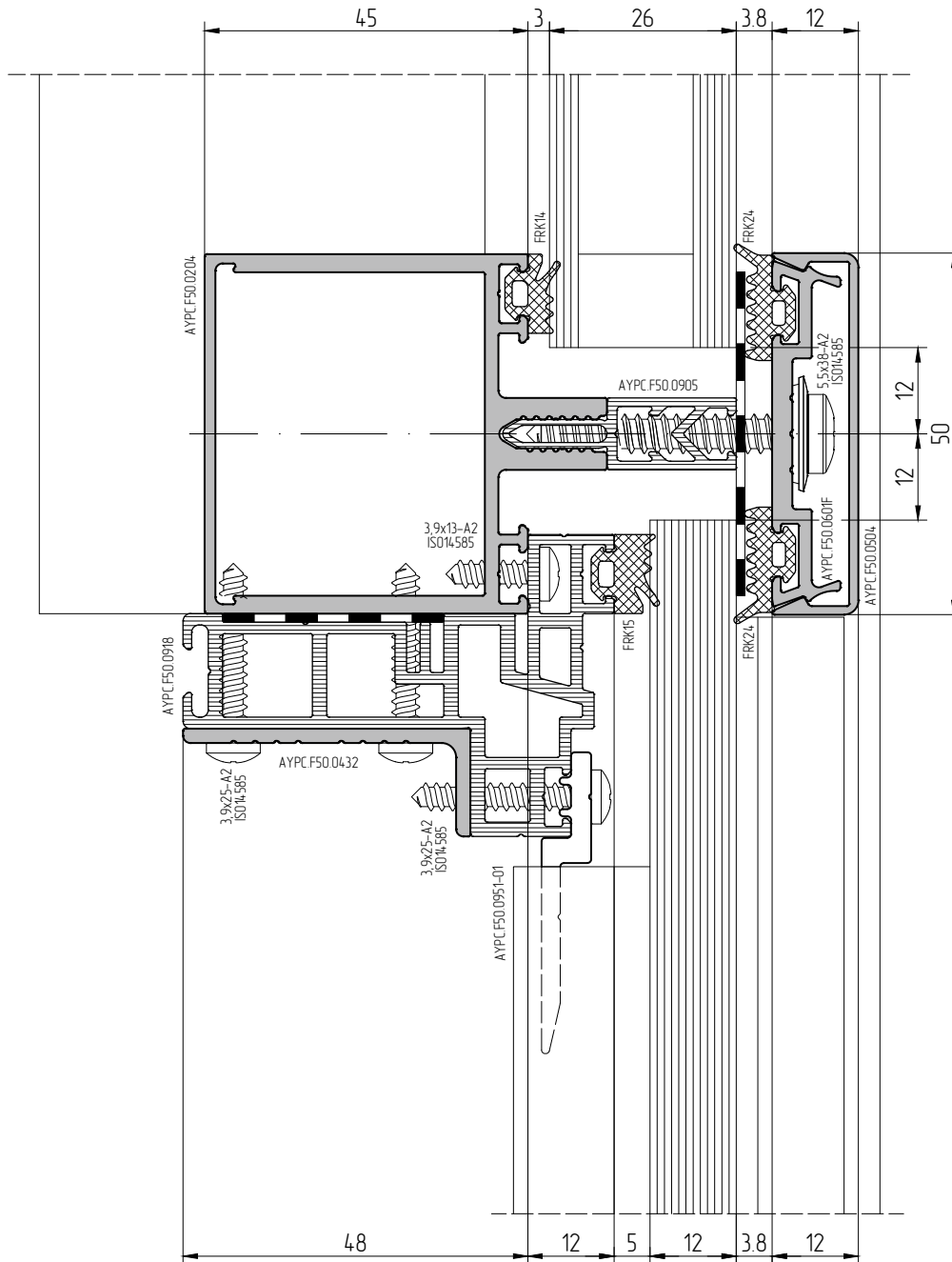


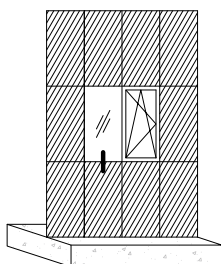
Option 2



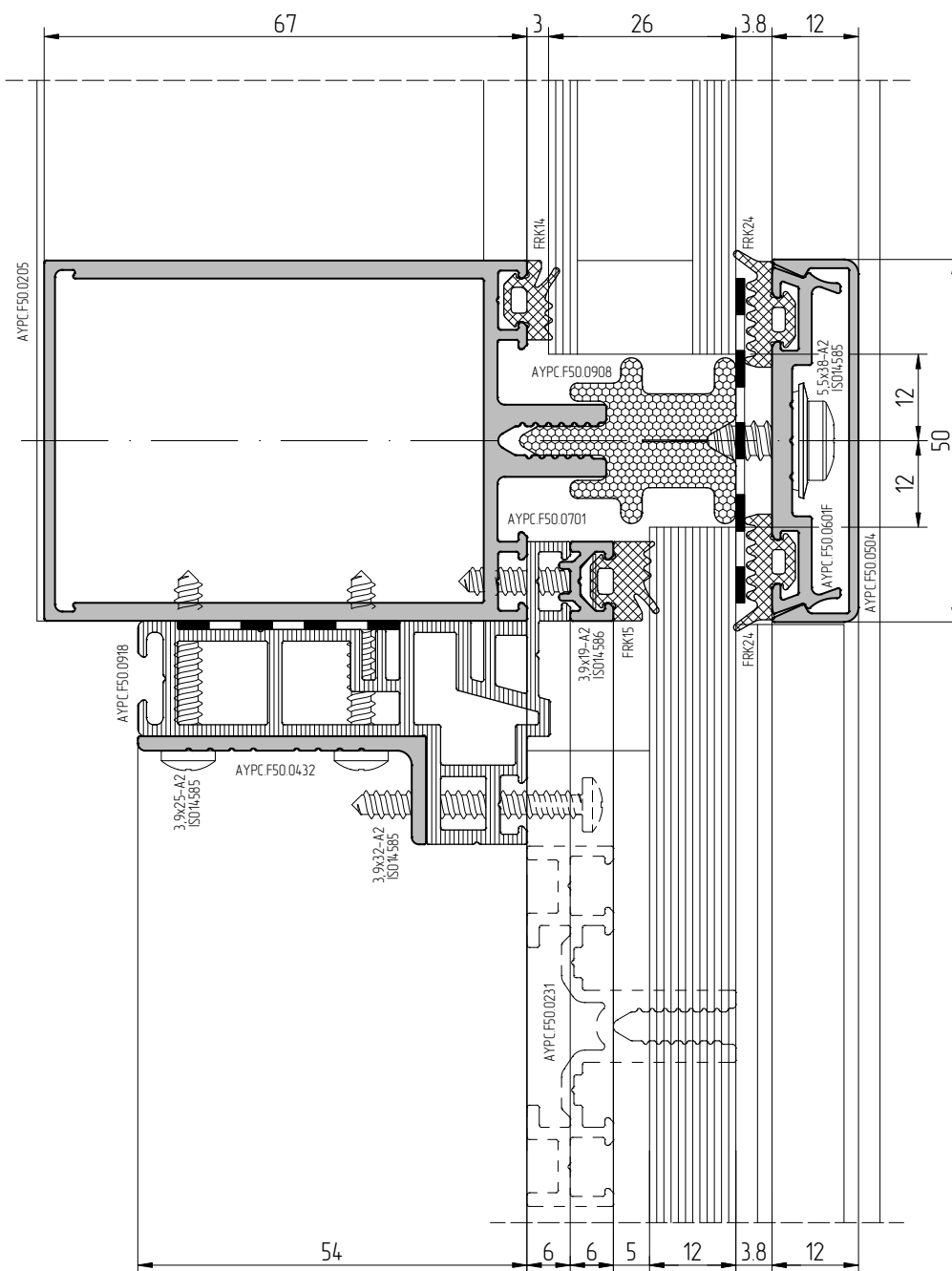


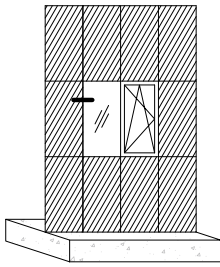
Option 1



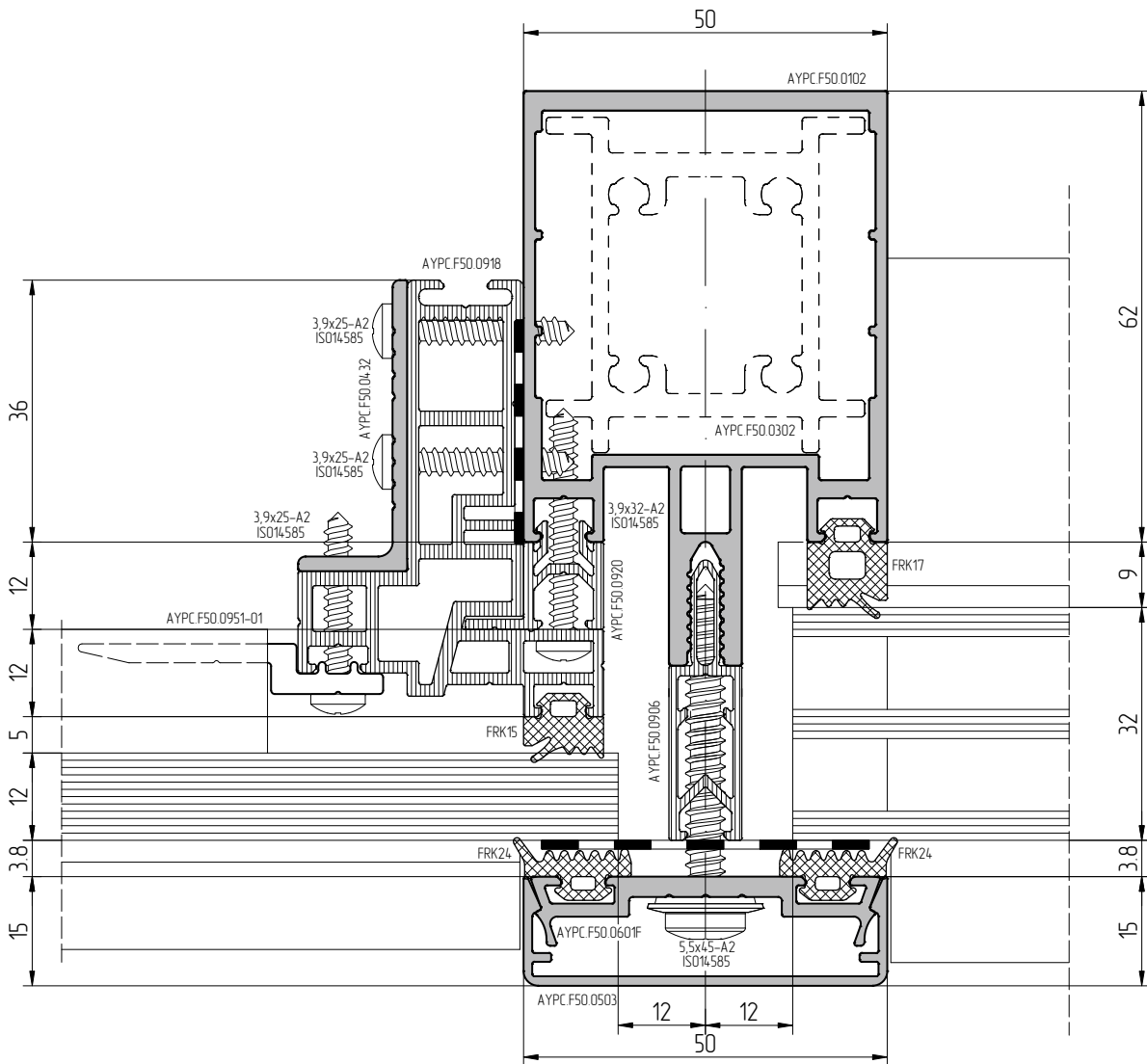


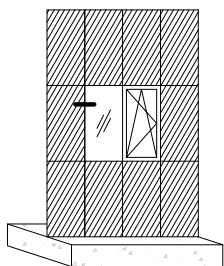
Option 2



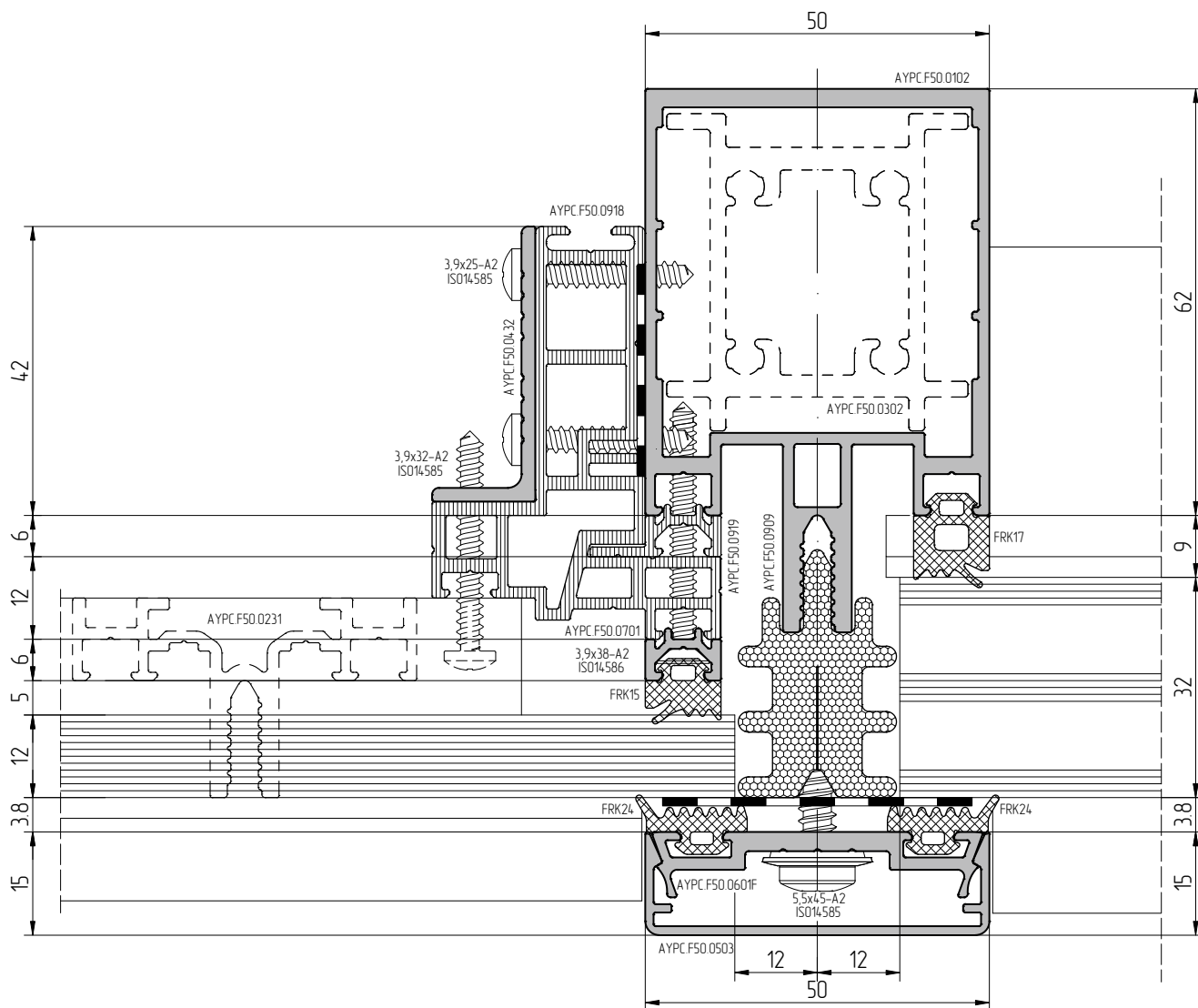


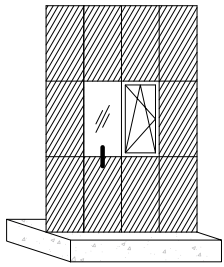
Option 1



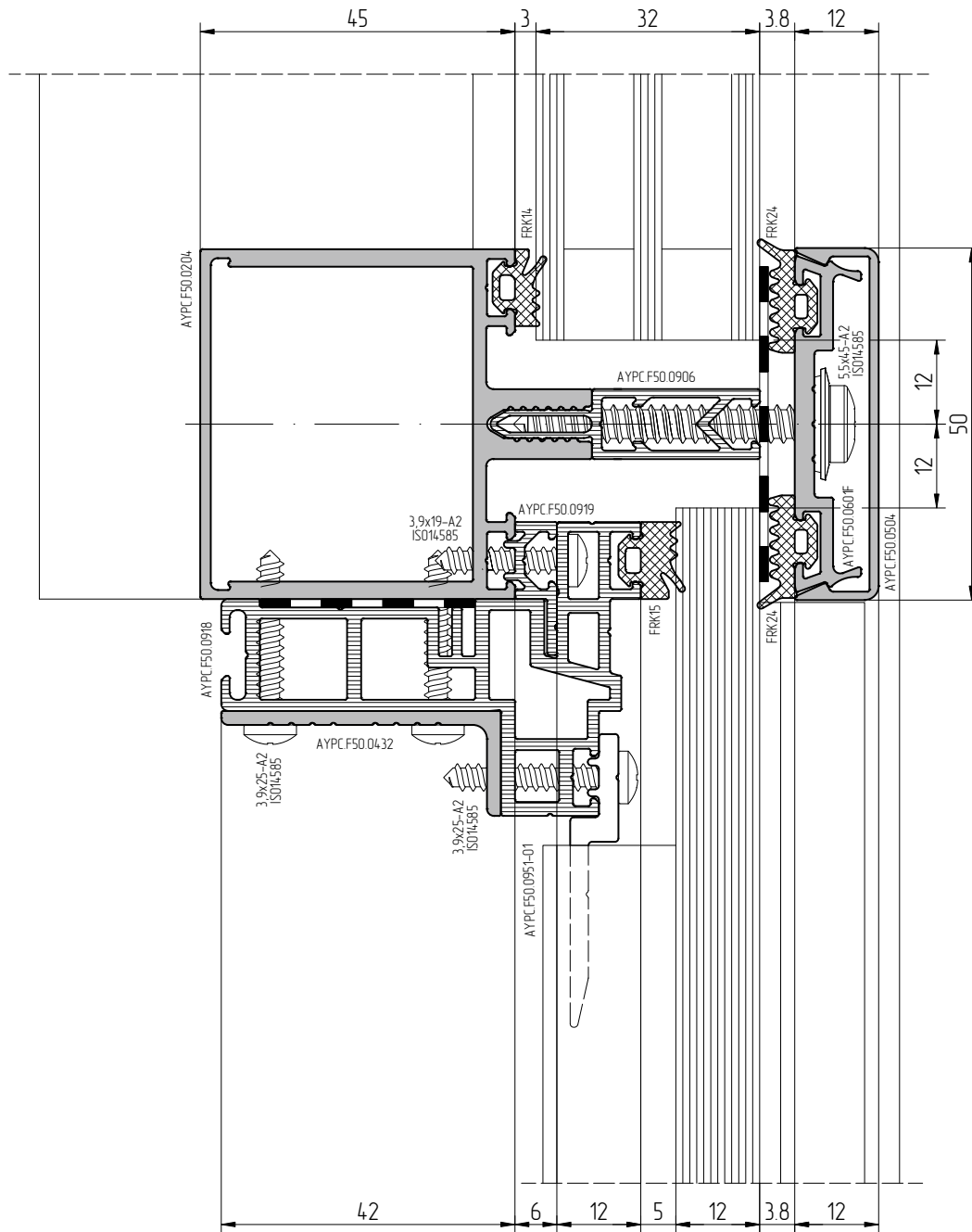


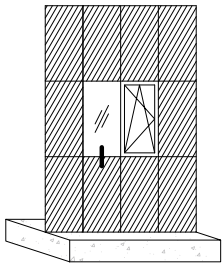
Option 2



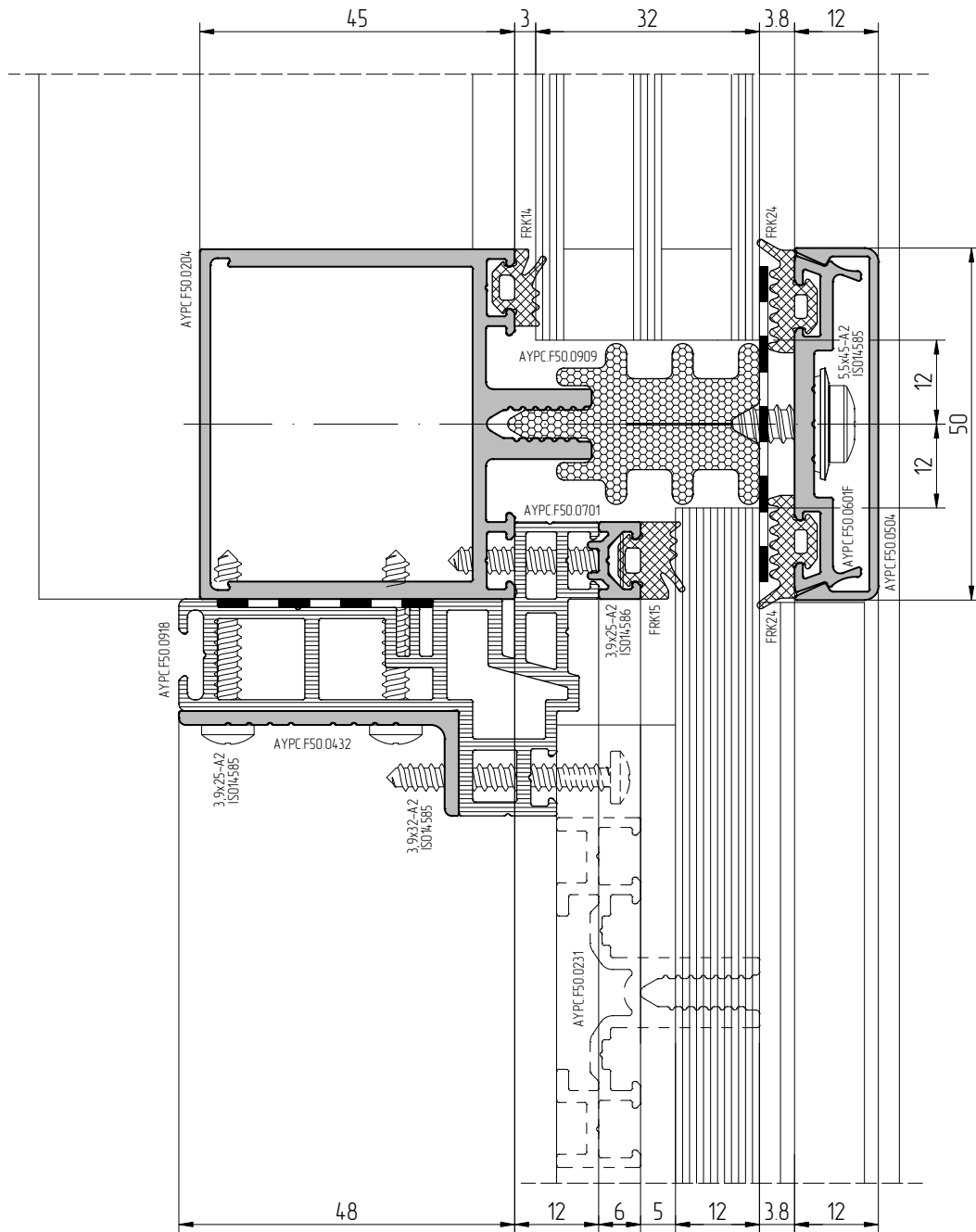


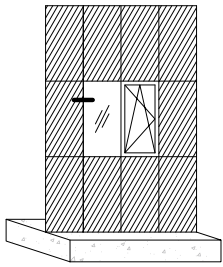
Option 1



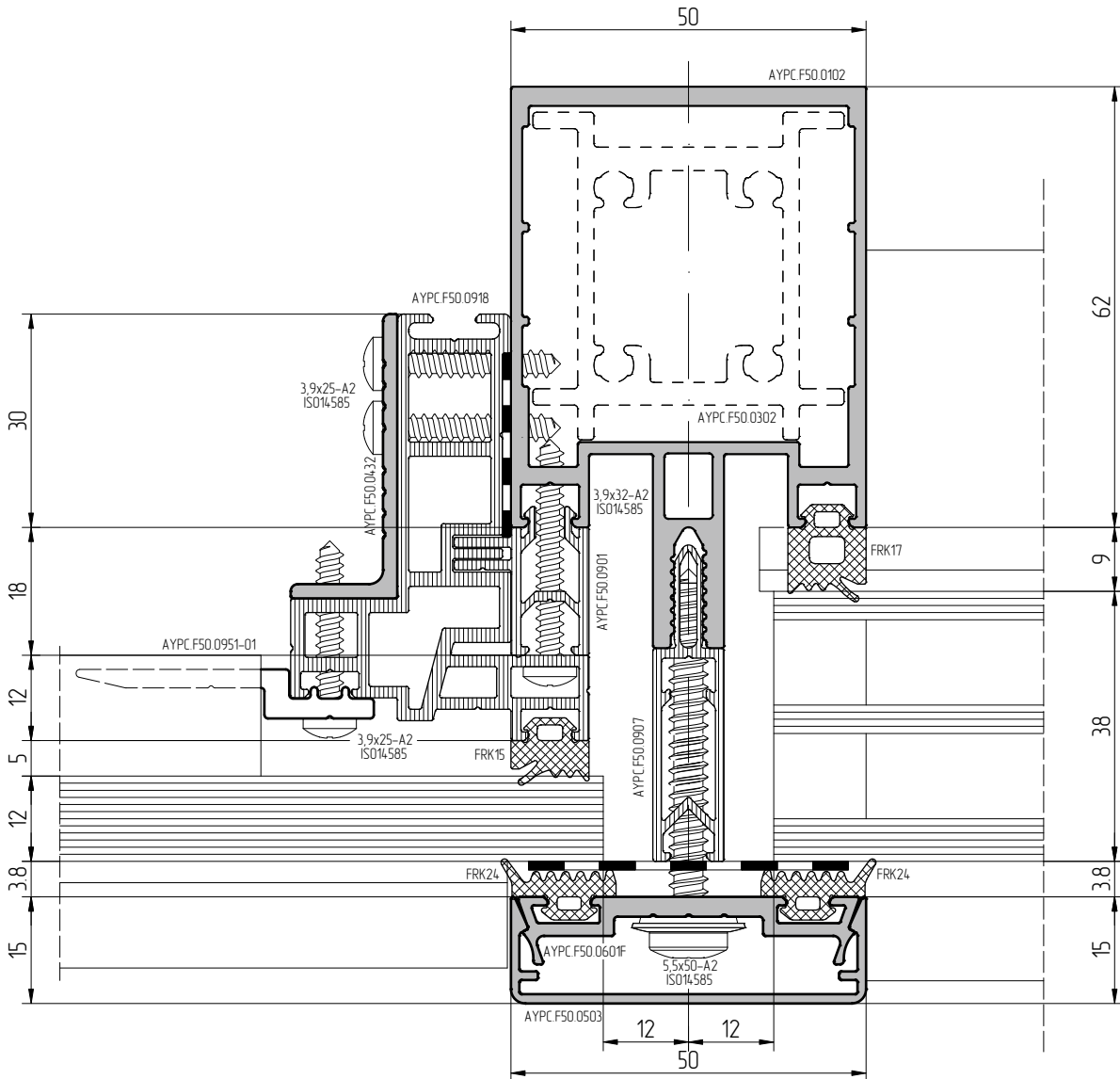


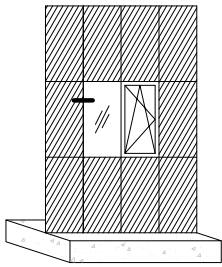
Option 2



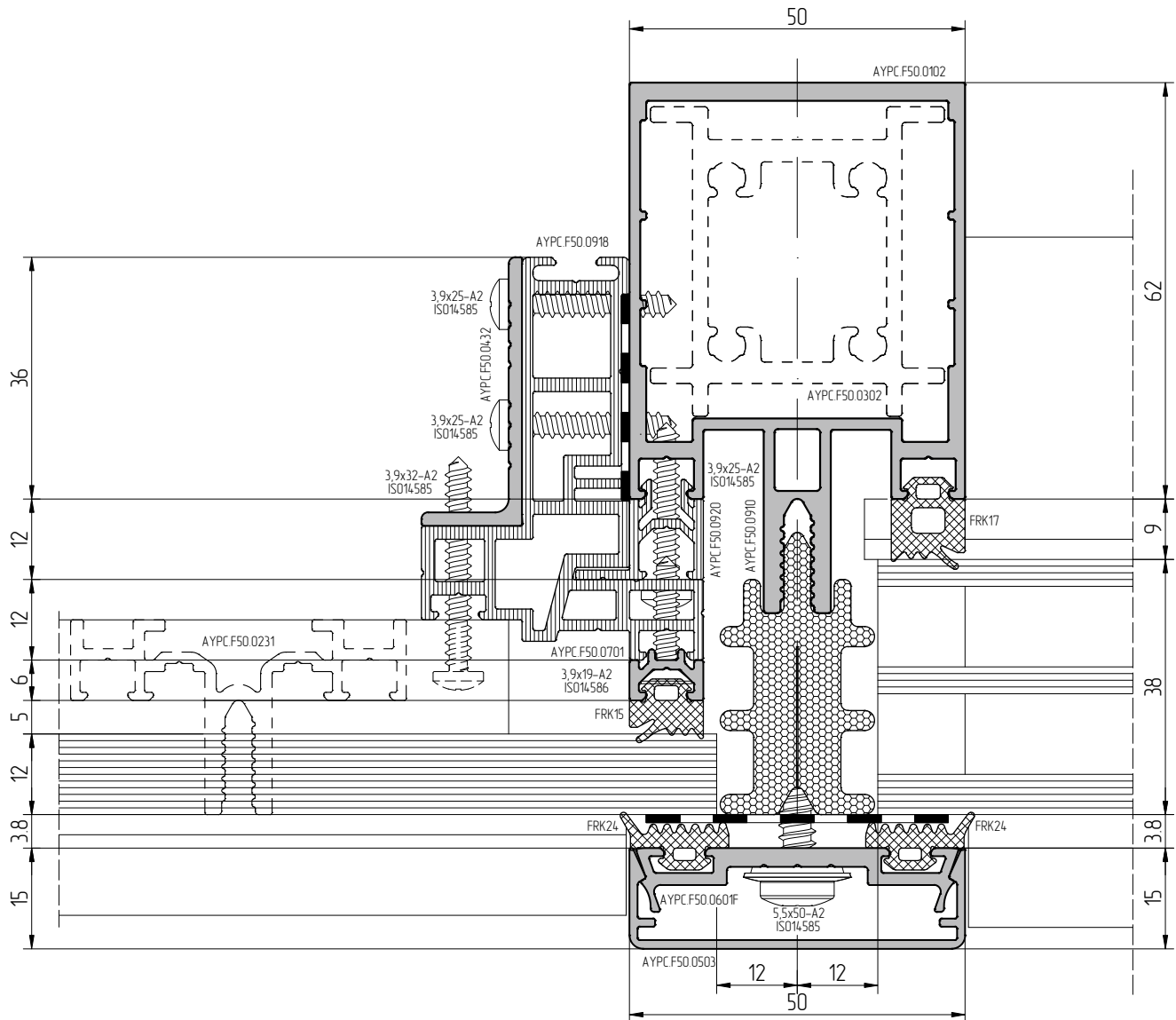


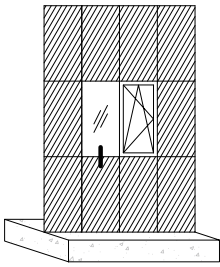
Option 1



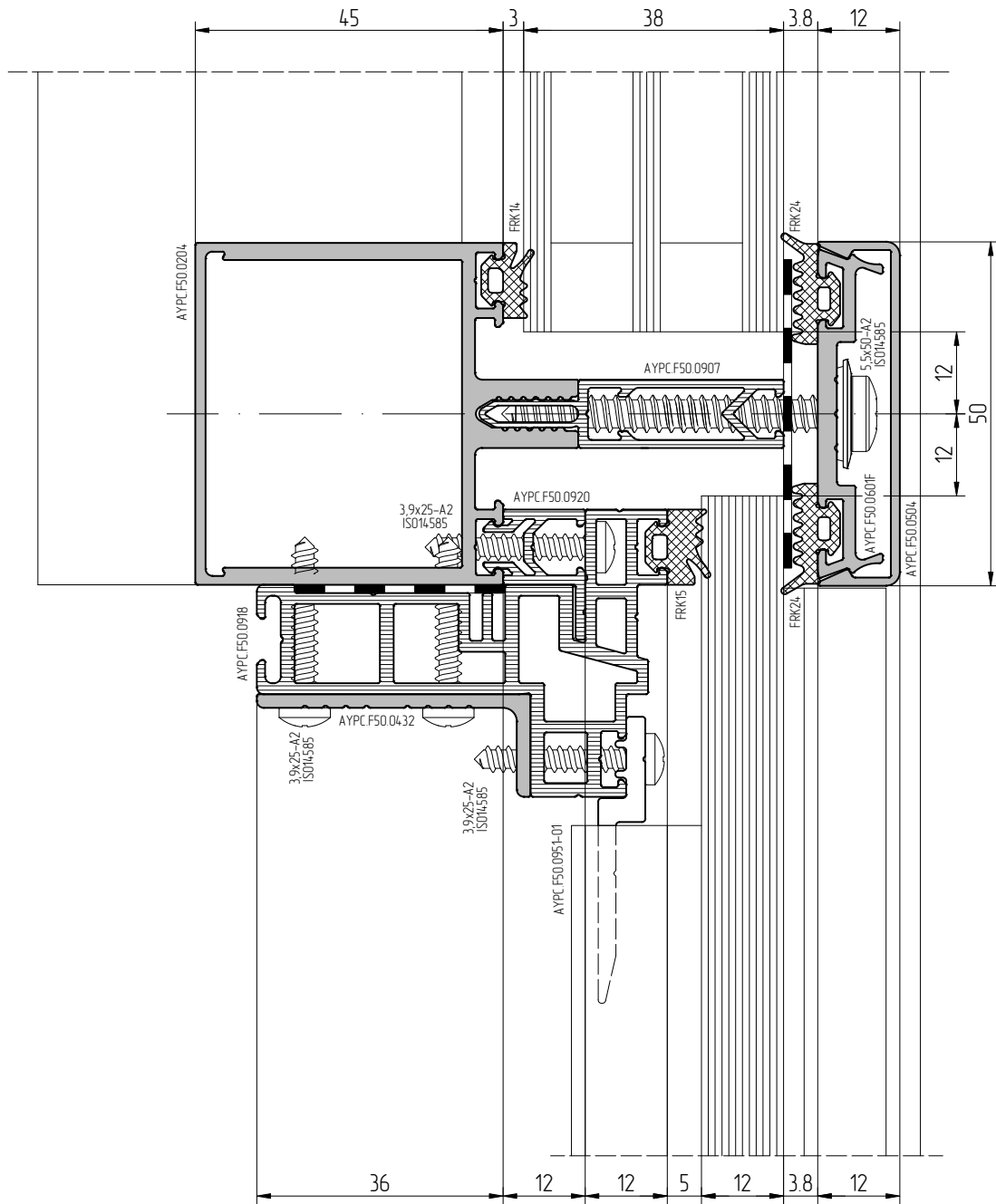


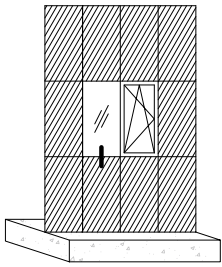
Option 2



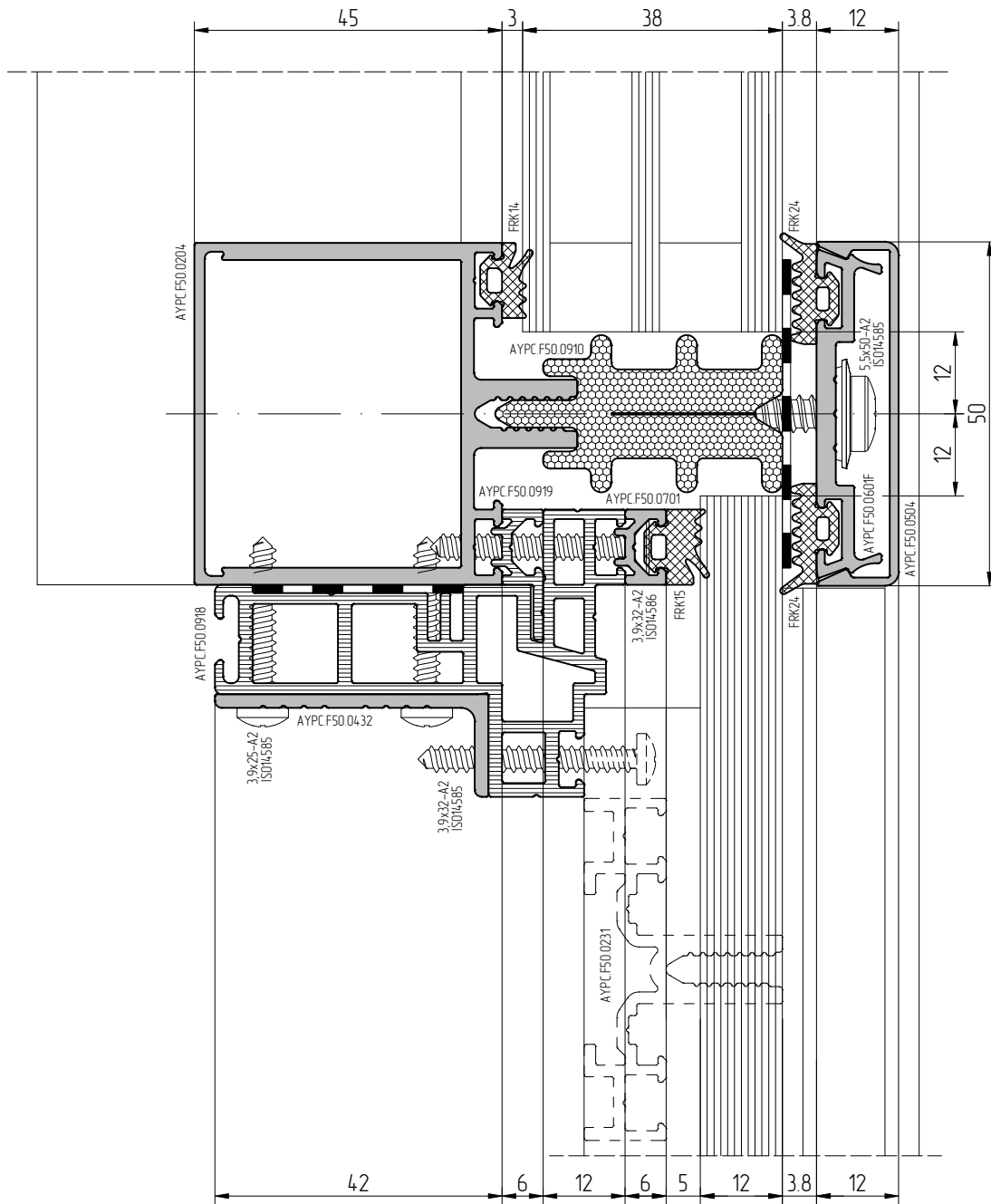


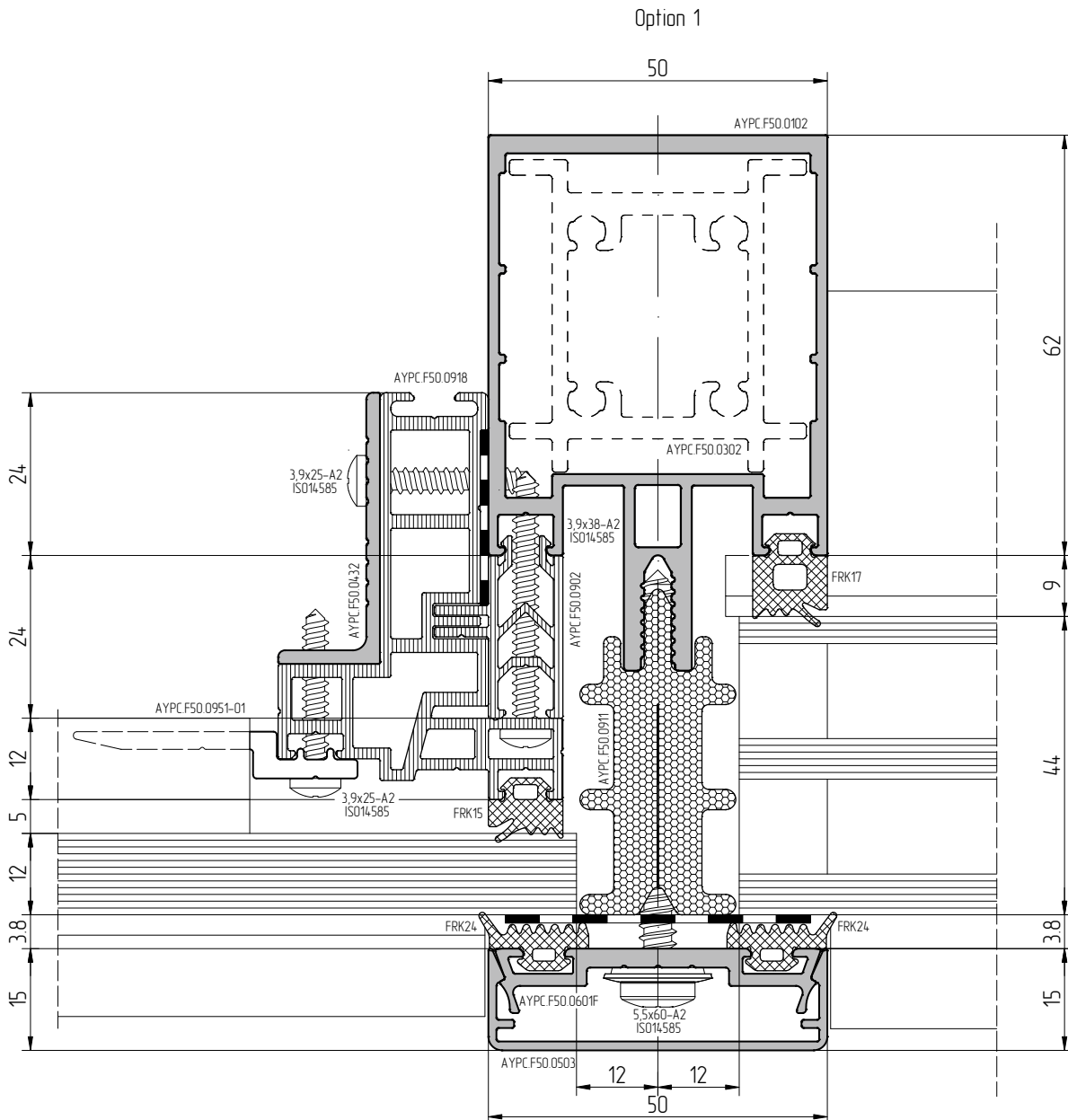
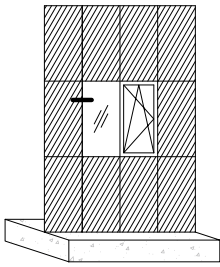
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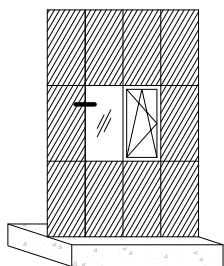




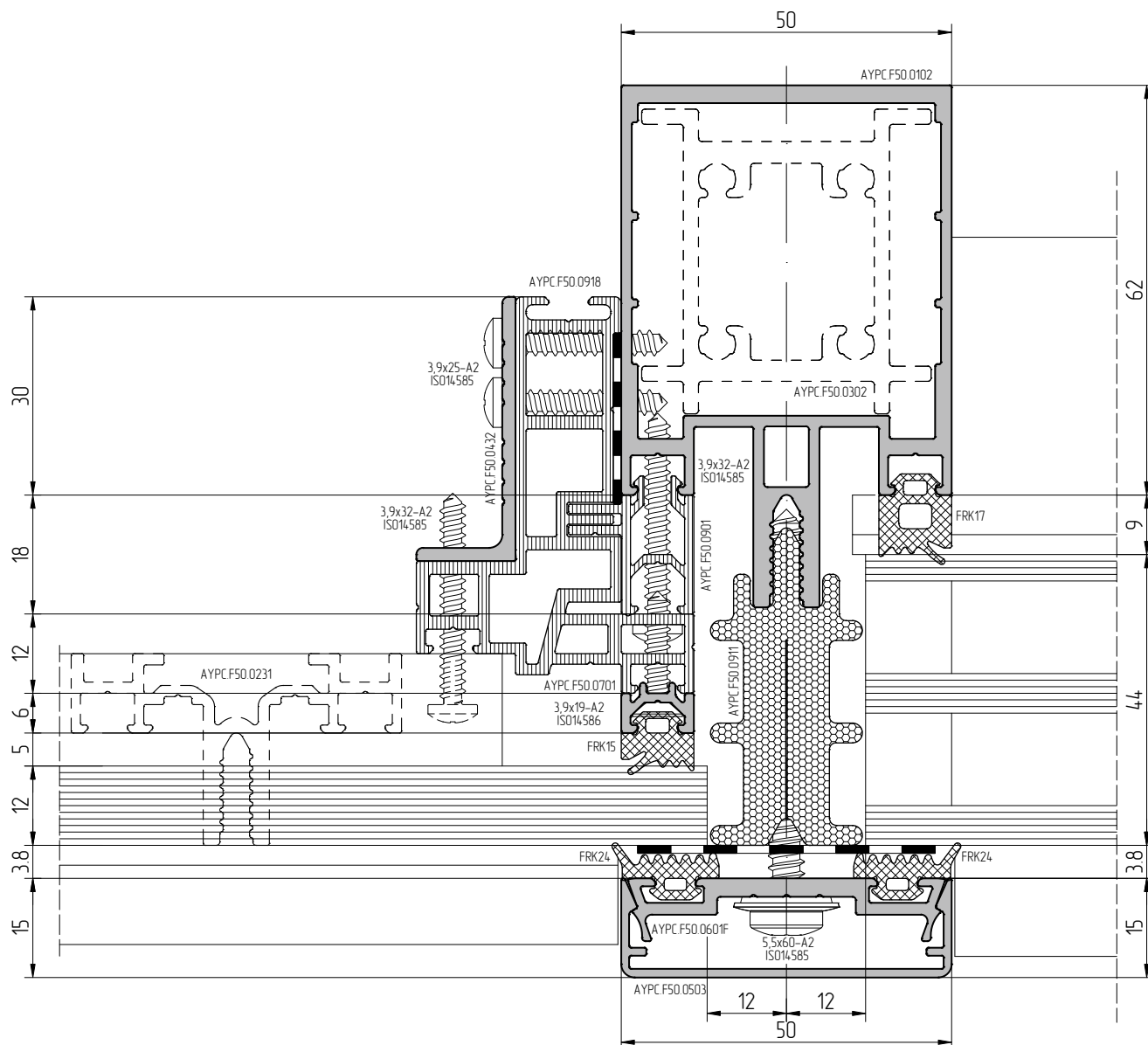
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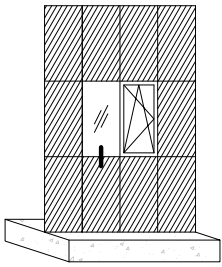




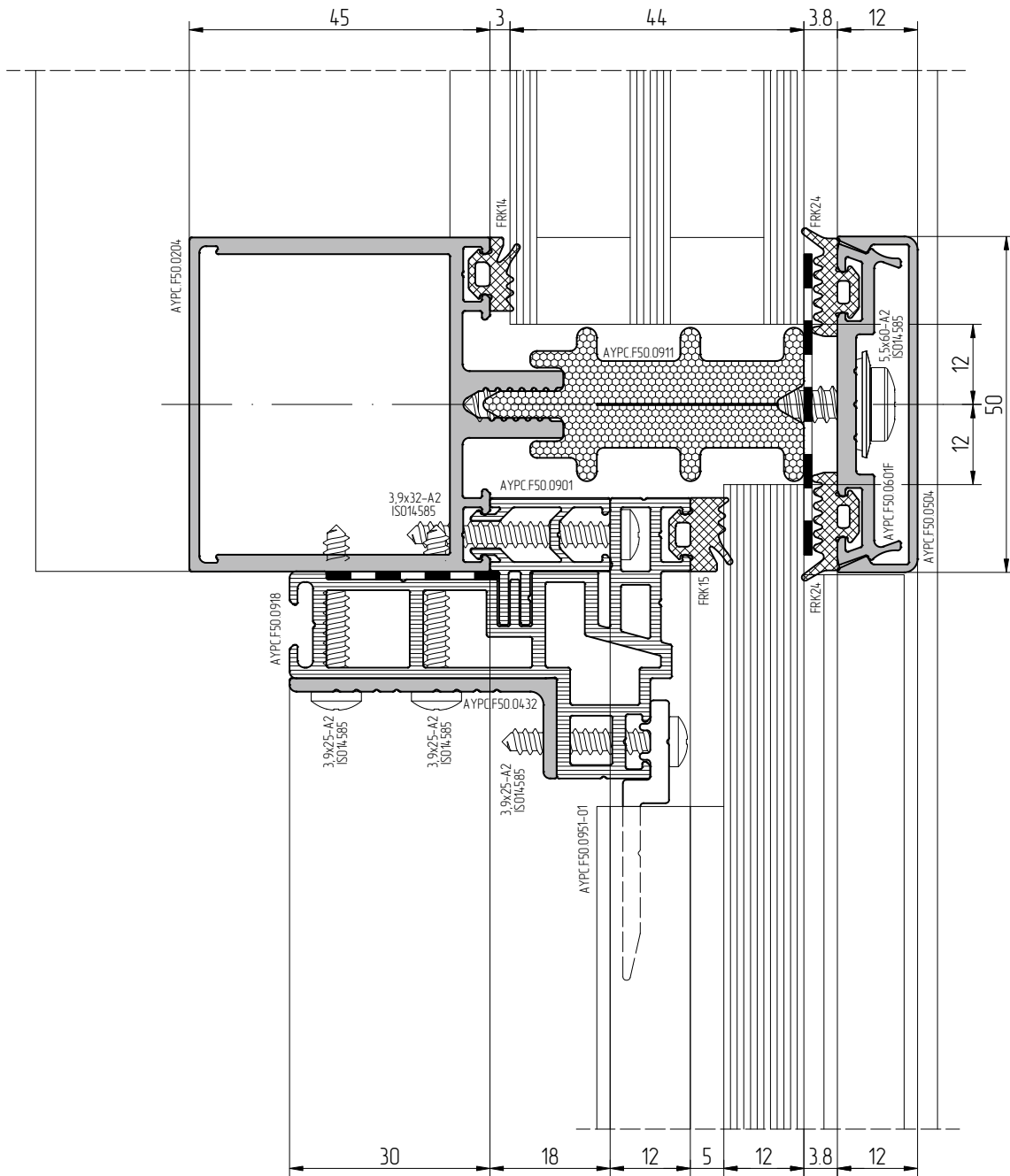


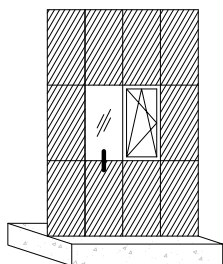
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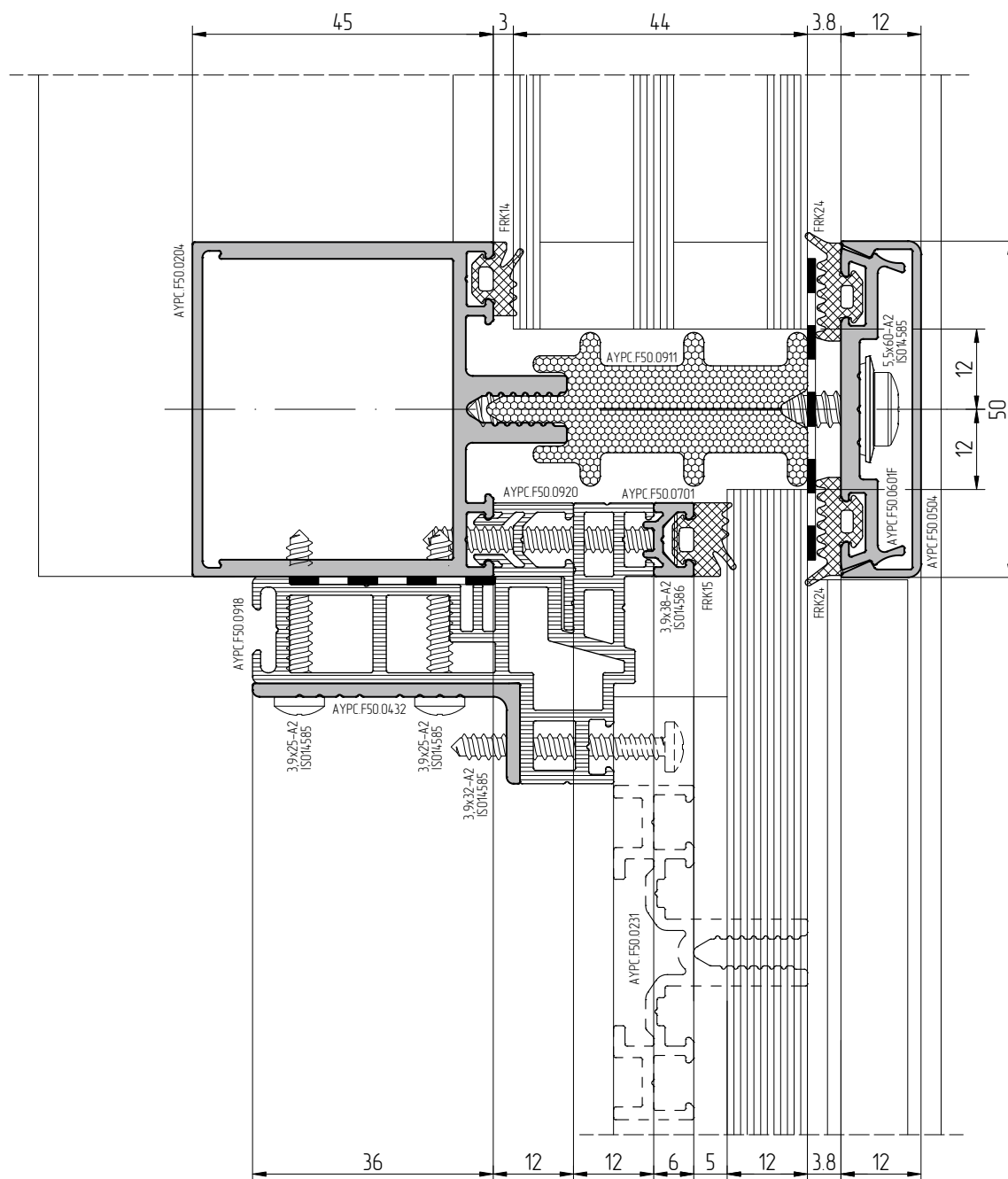


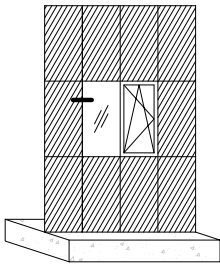
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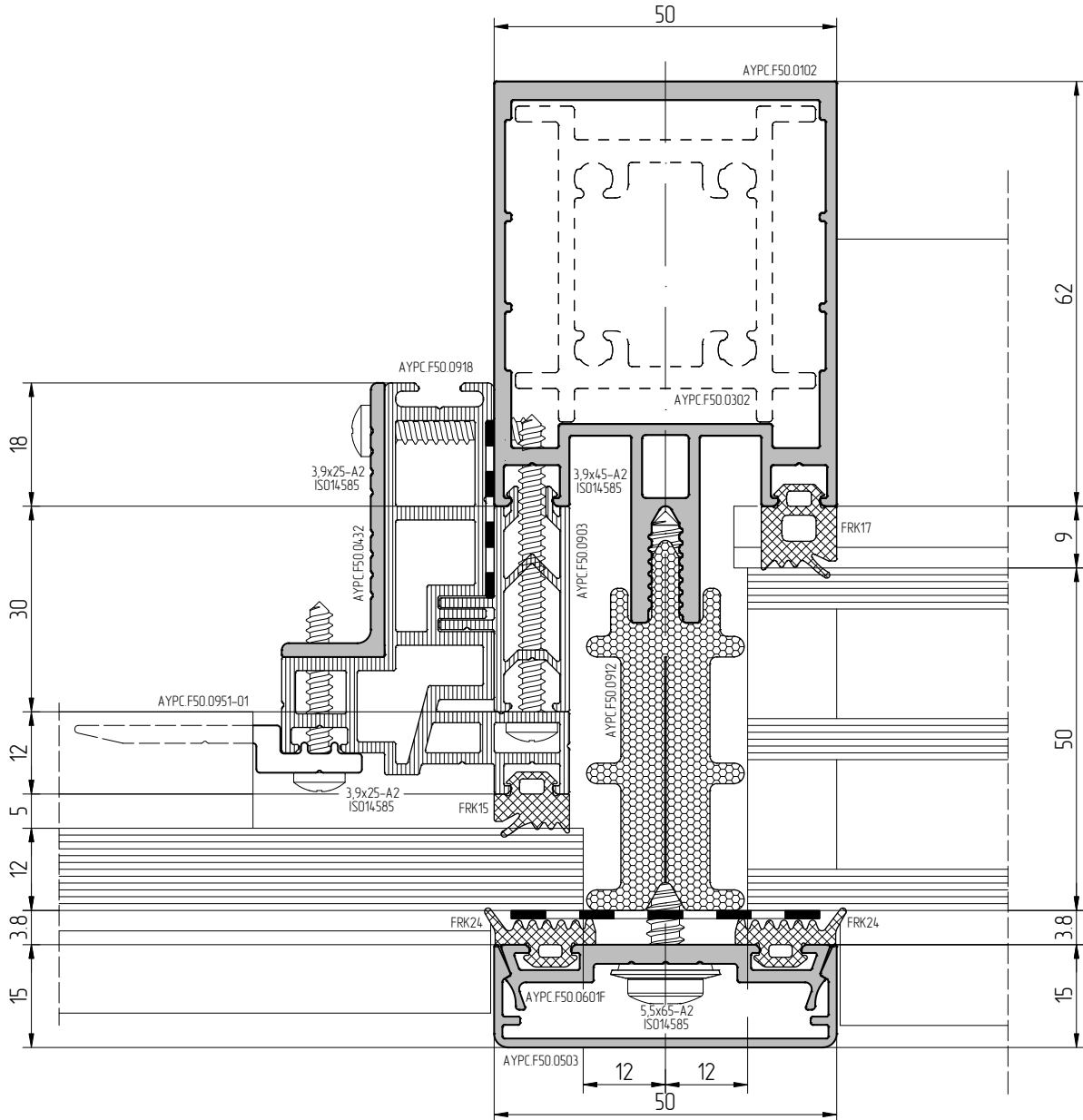


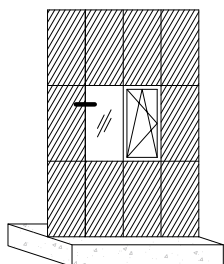
Option 2



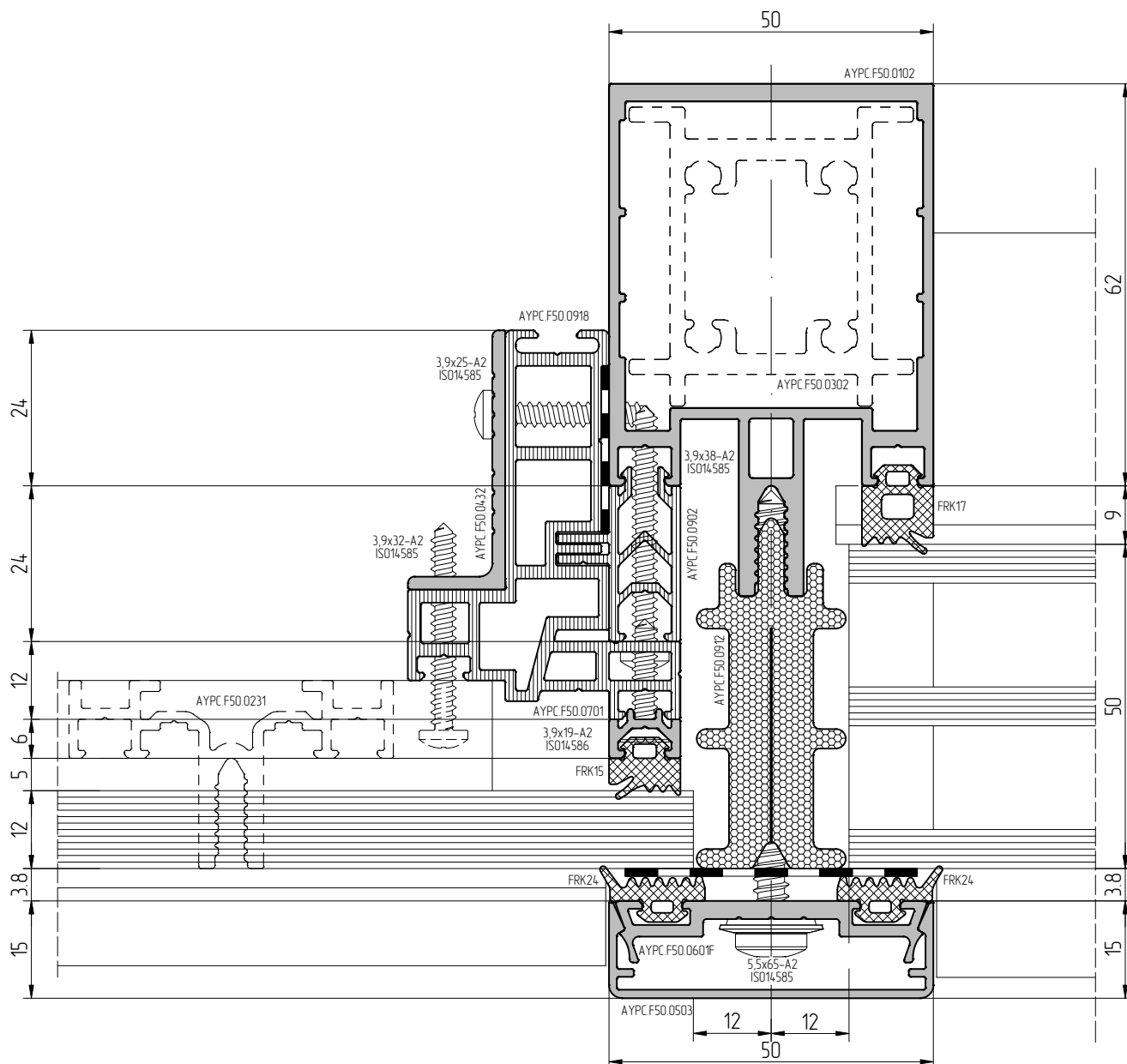


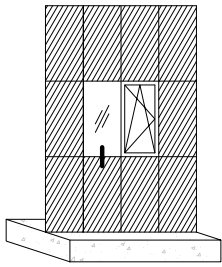
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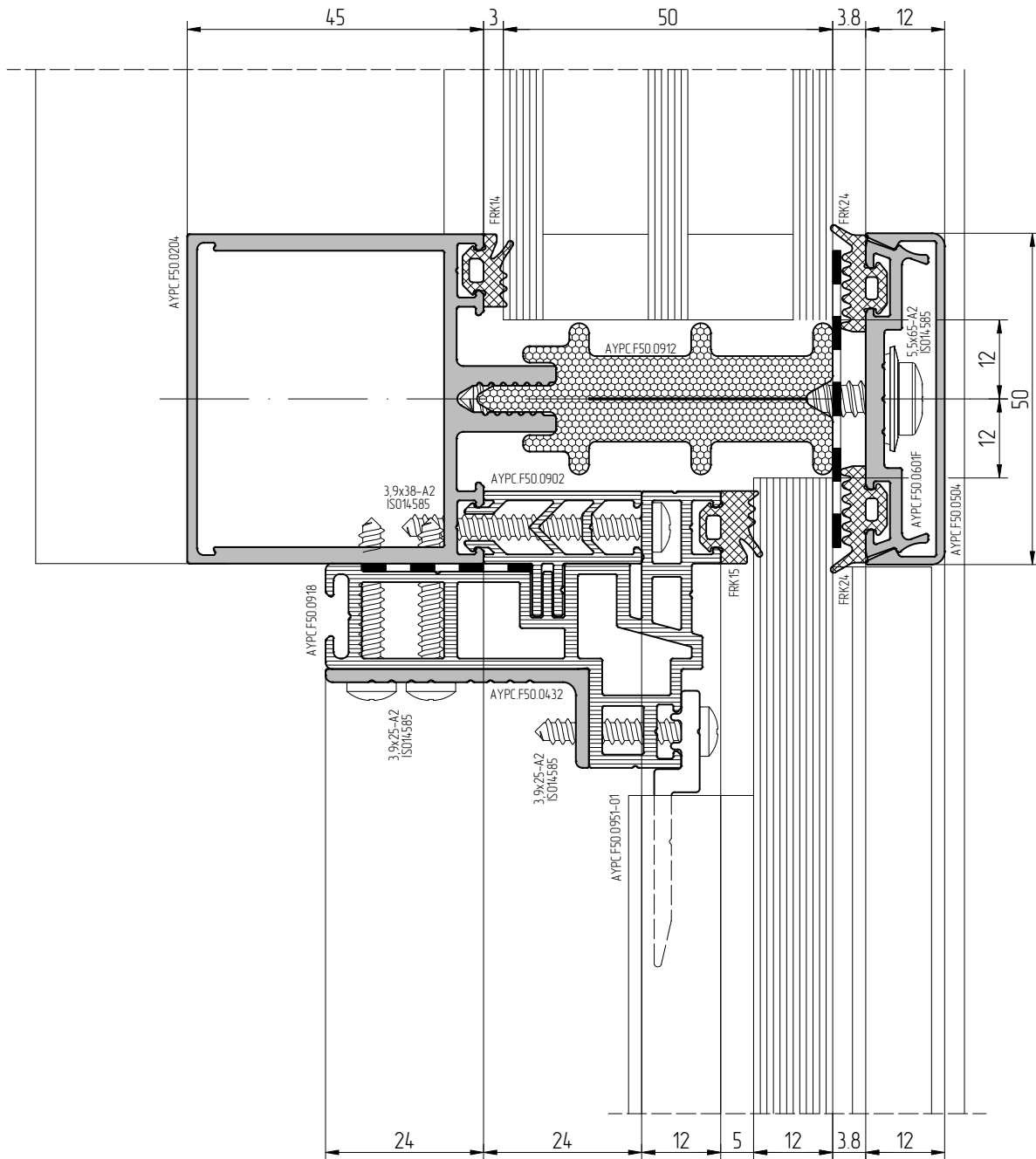


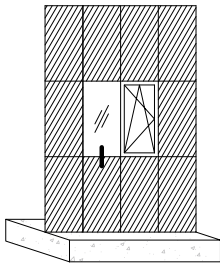
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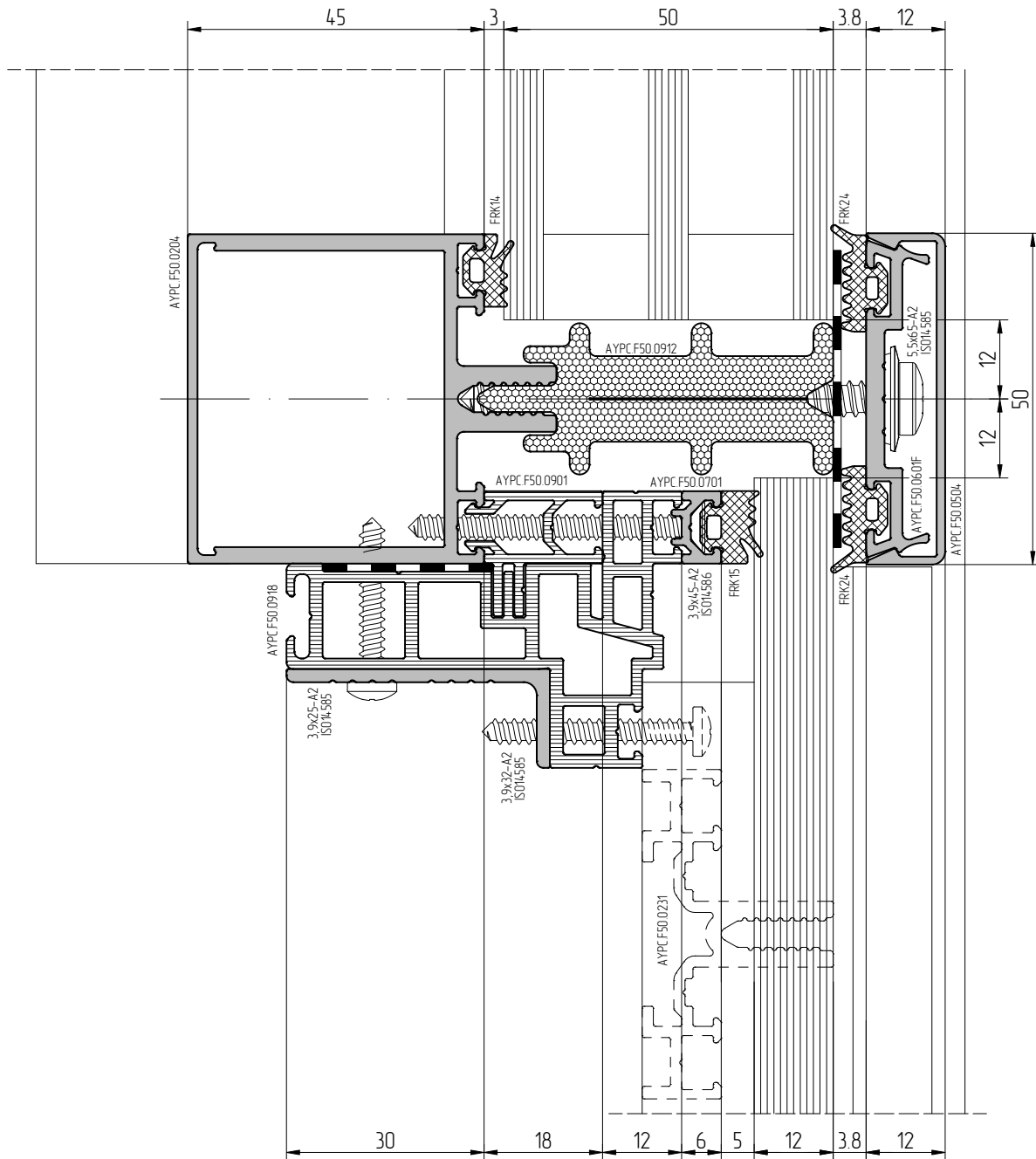


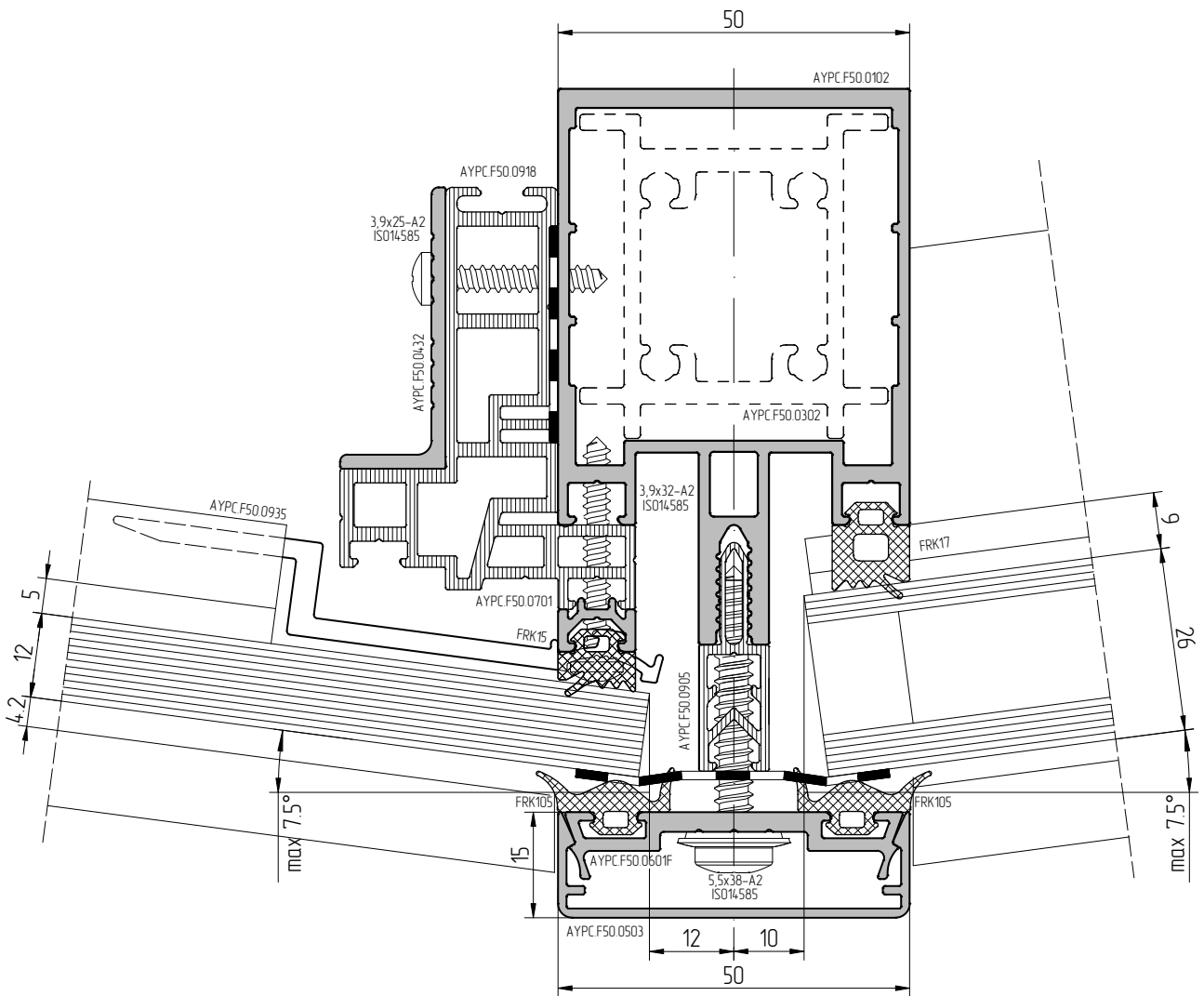
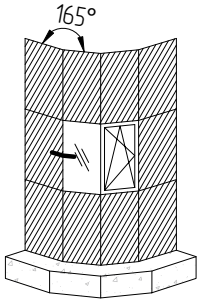
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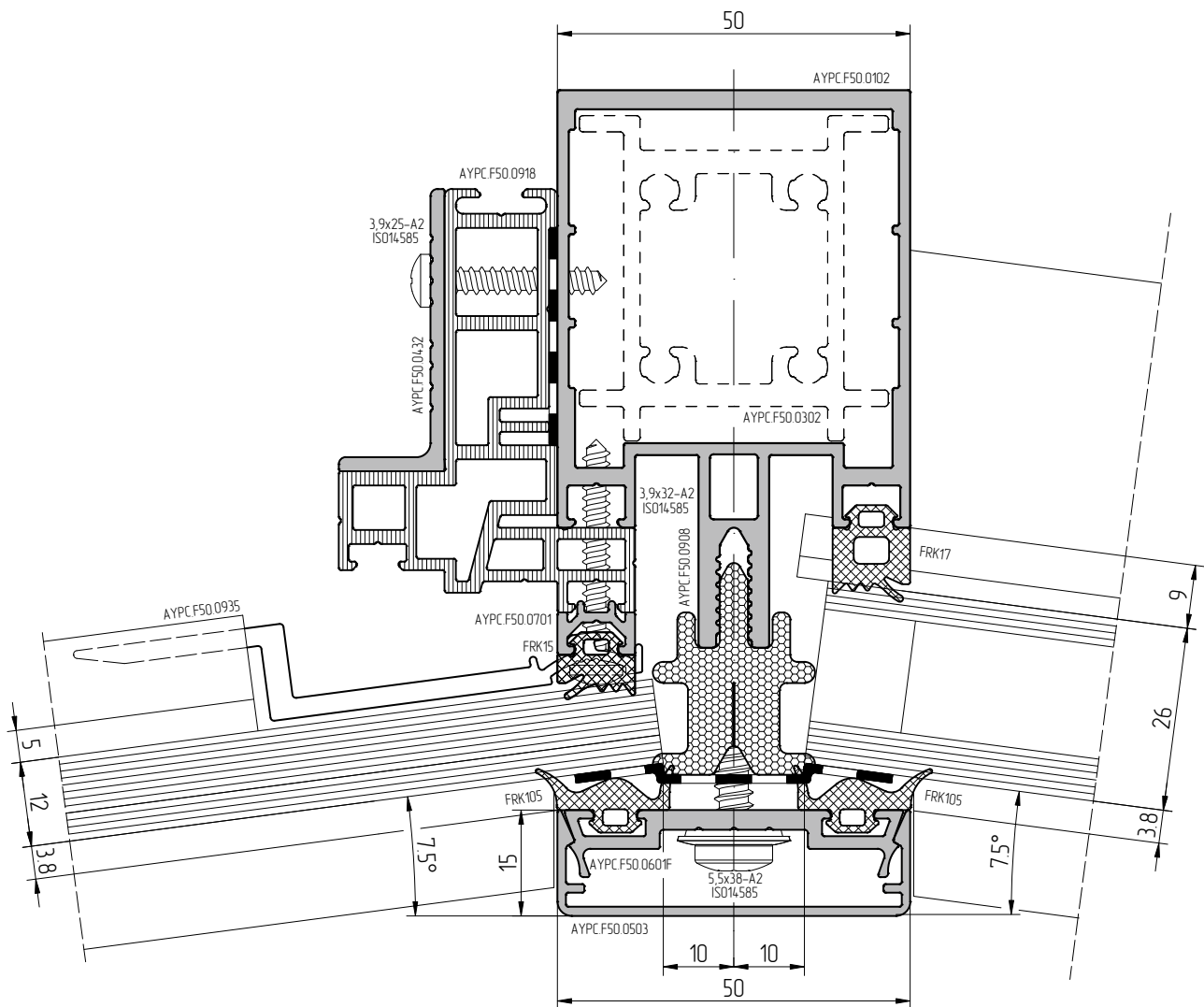
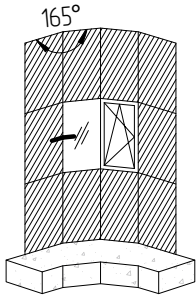


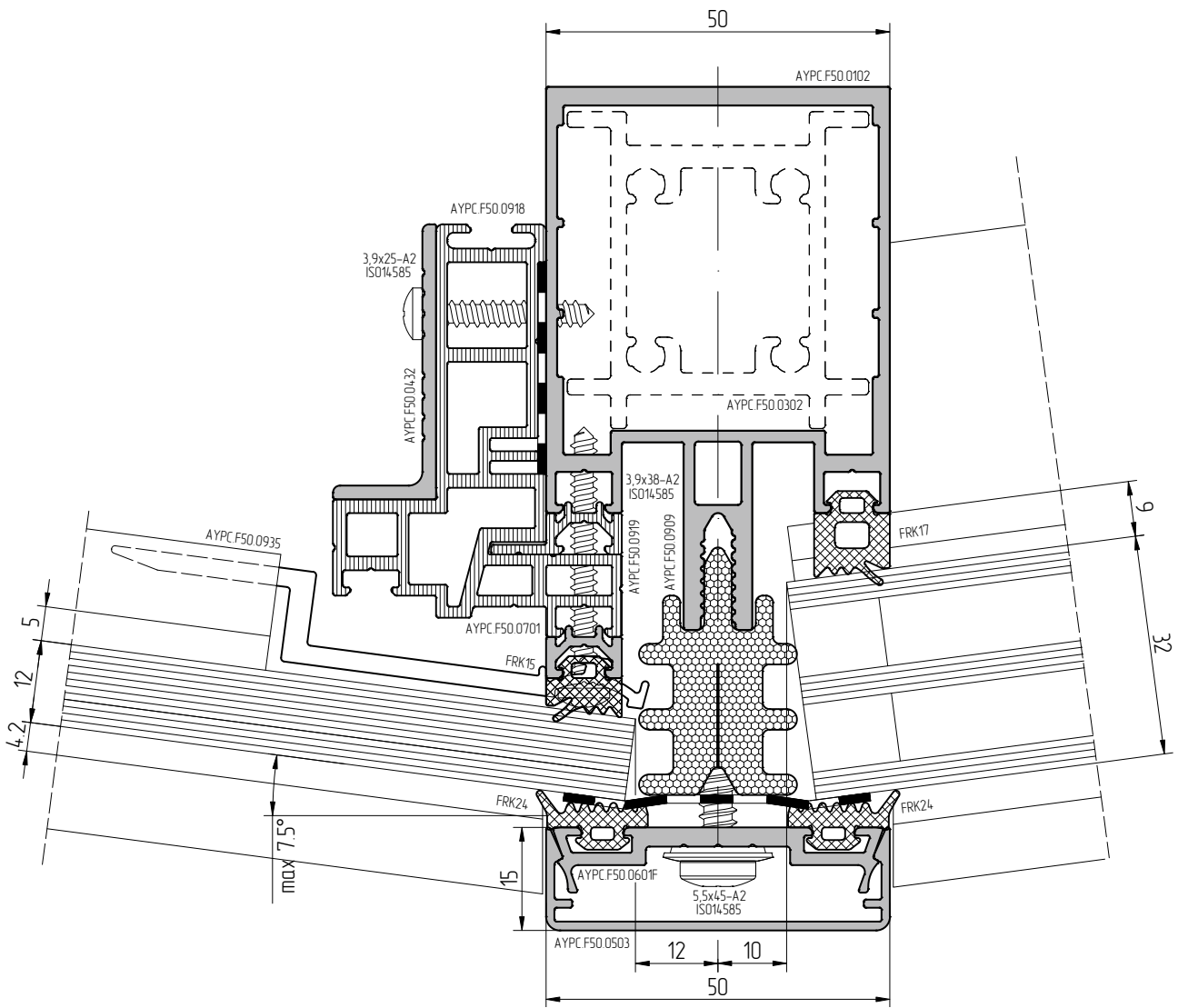
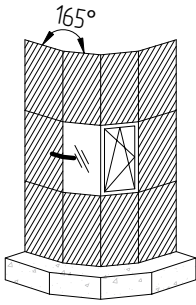


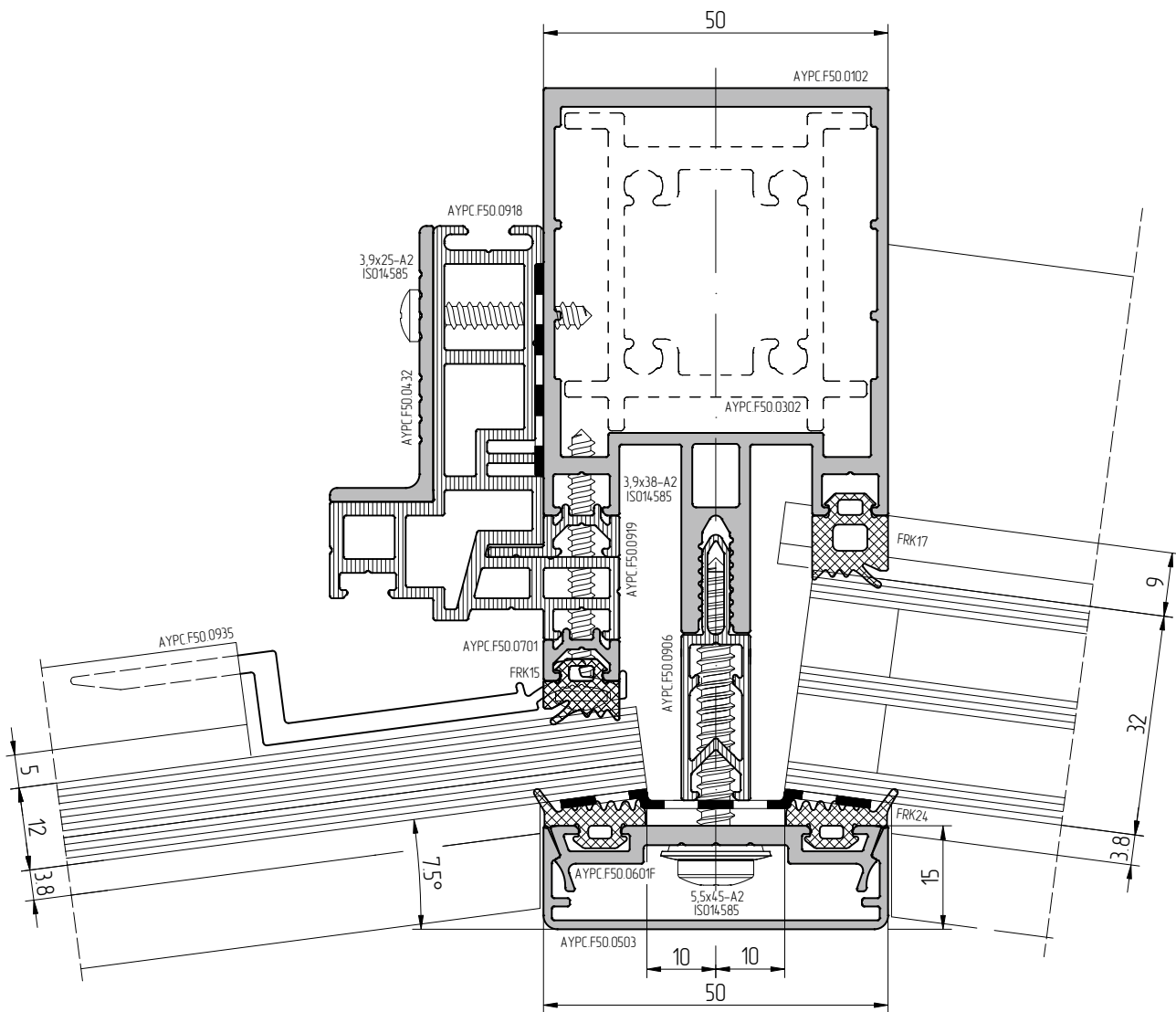
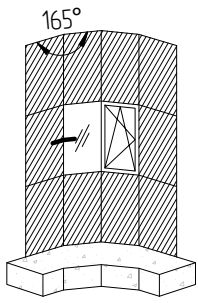
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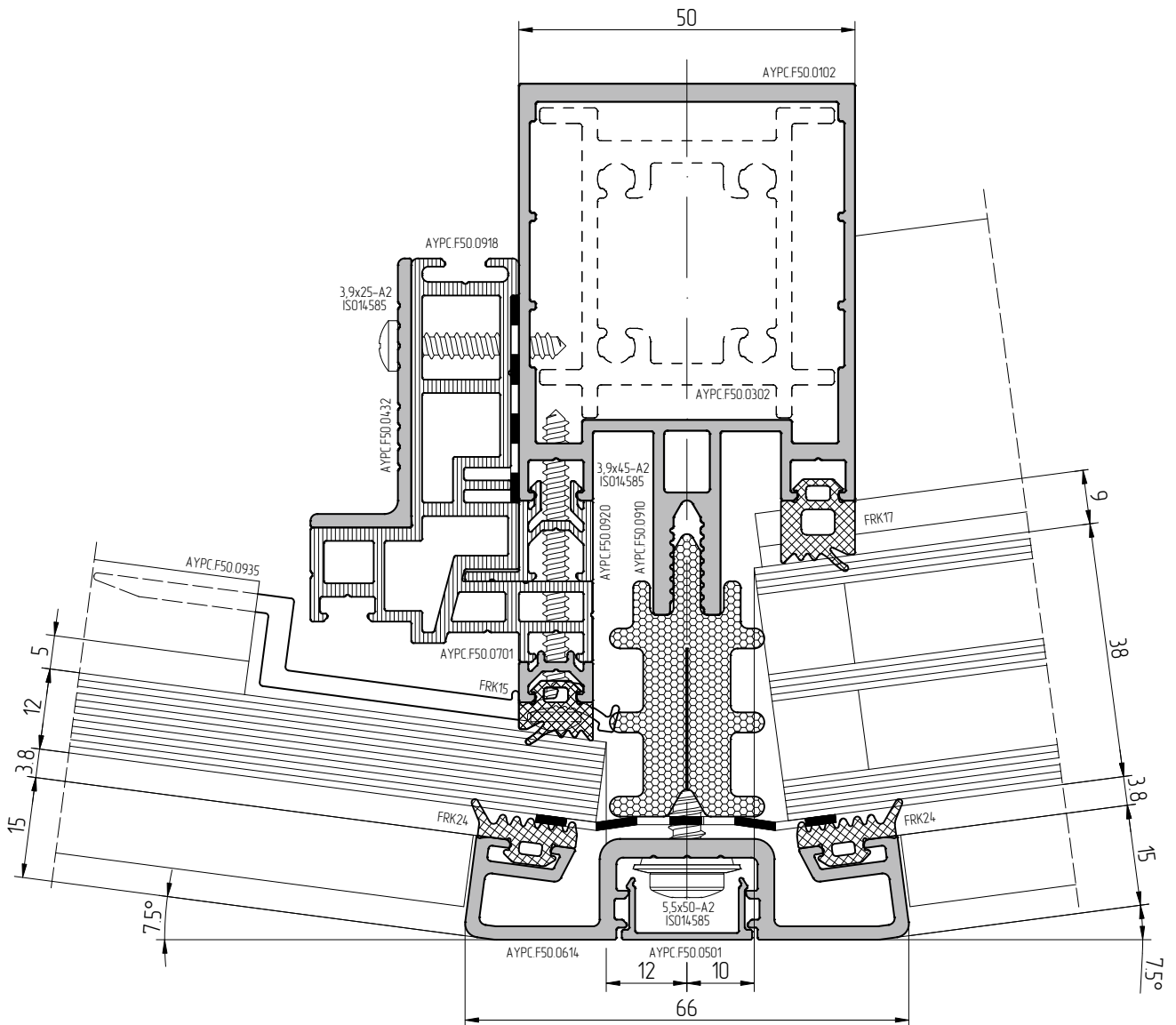
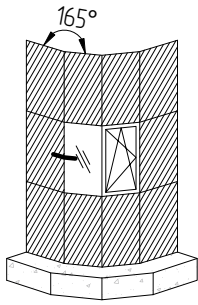


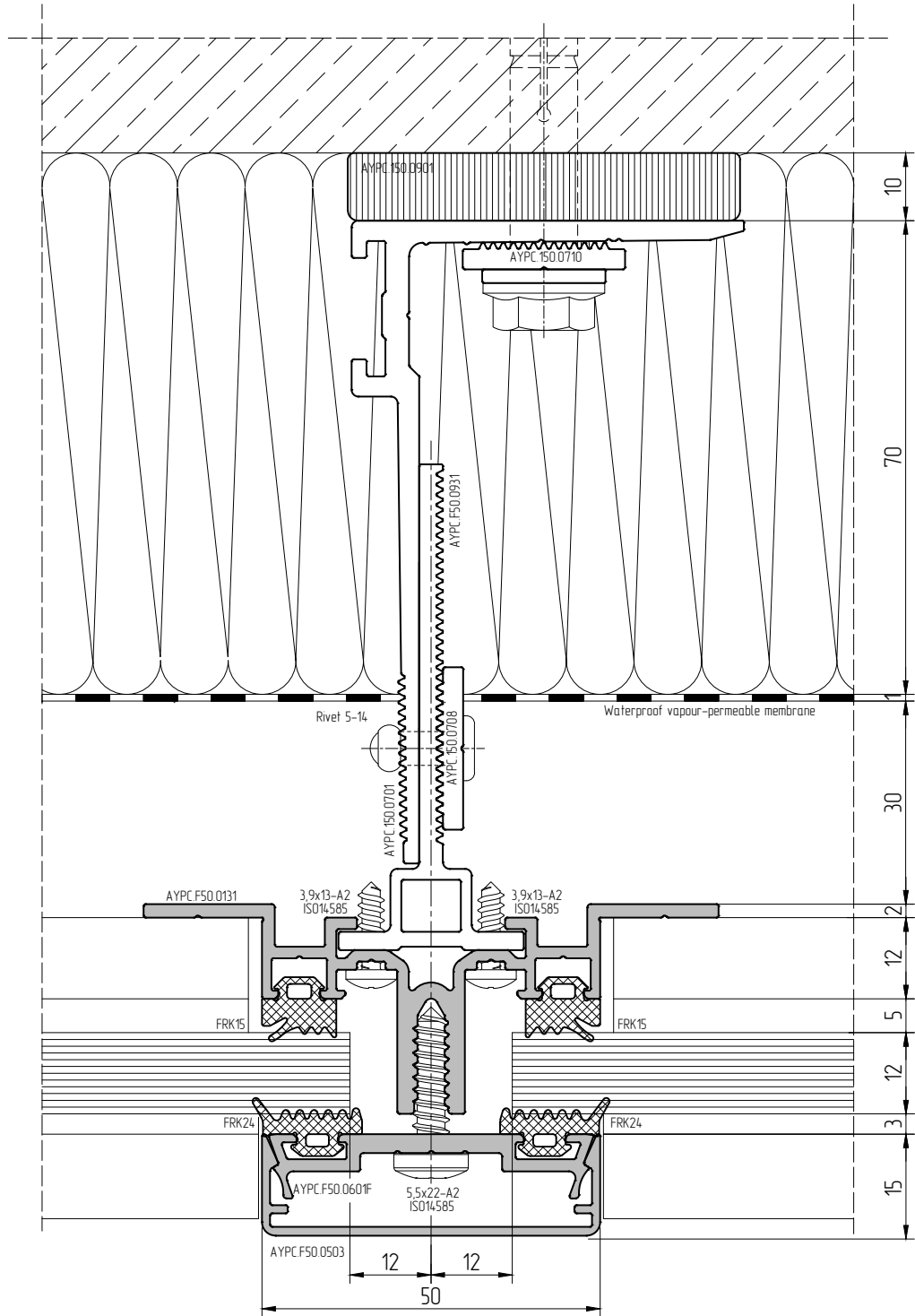
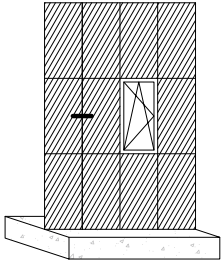


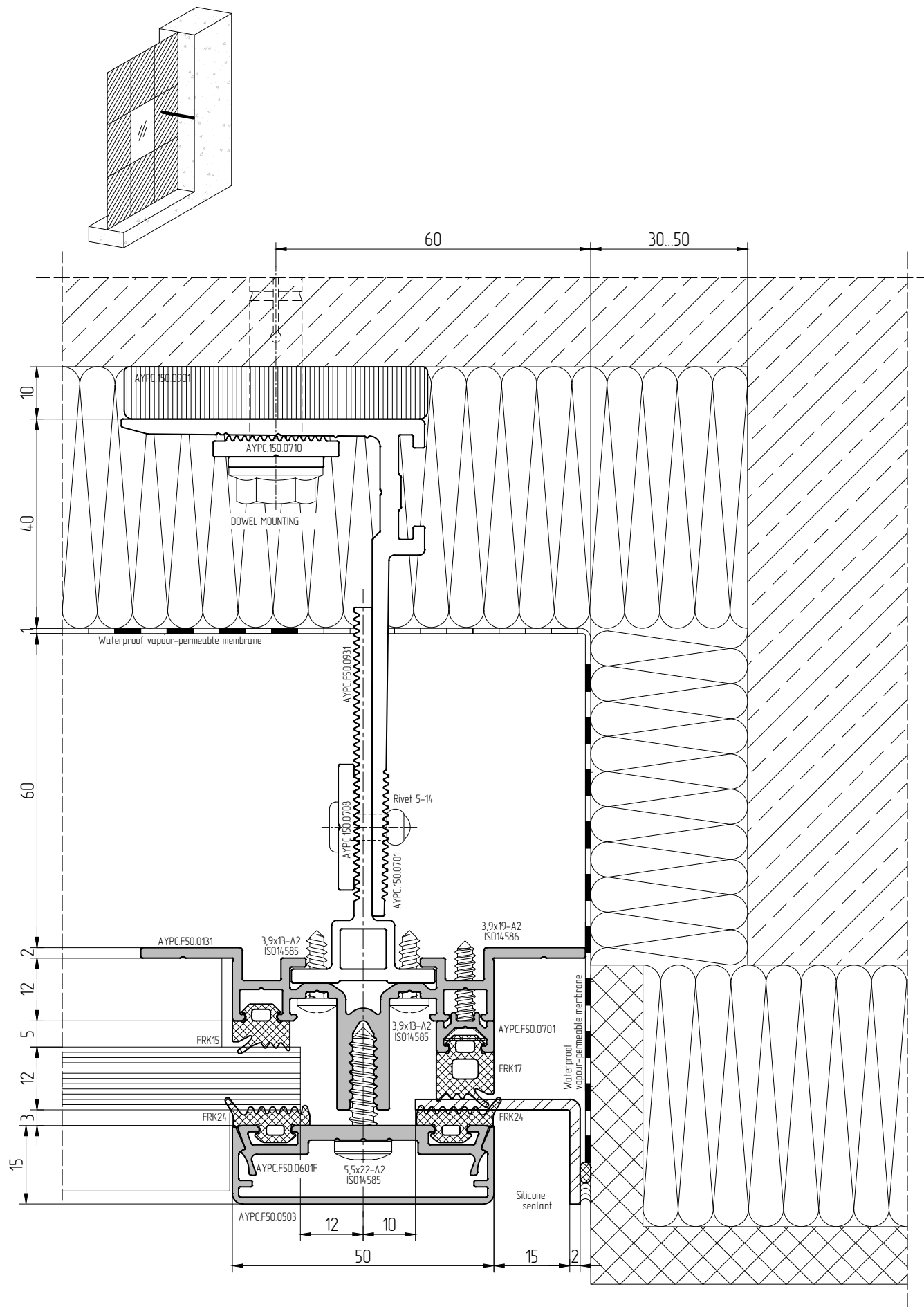


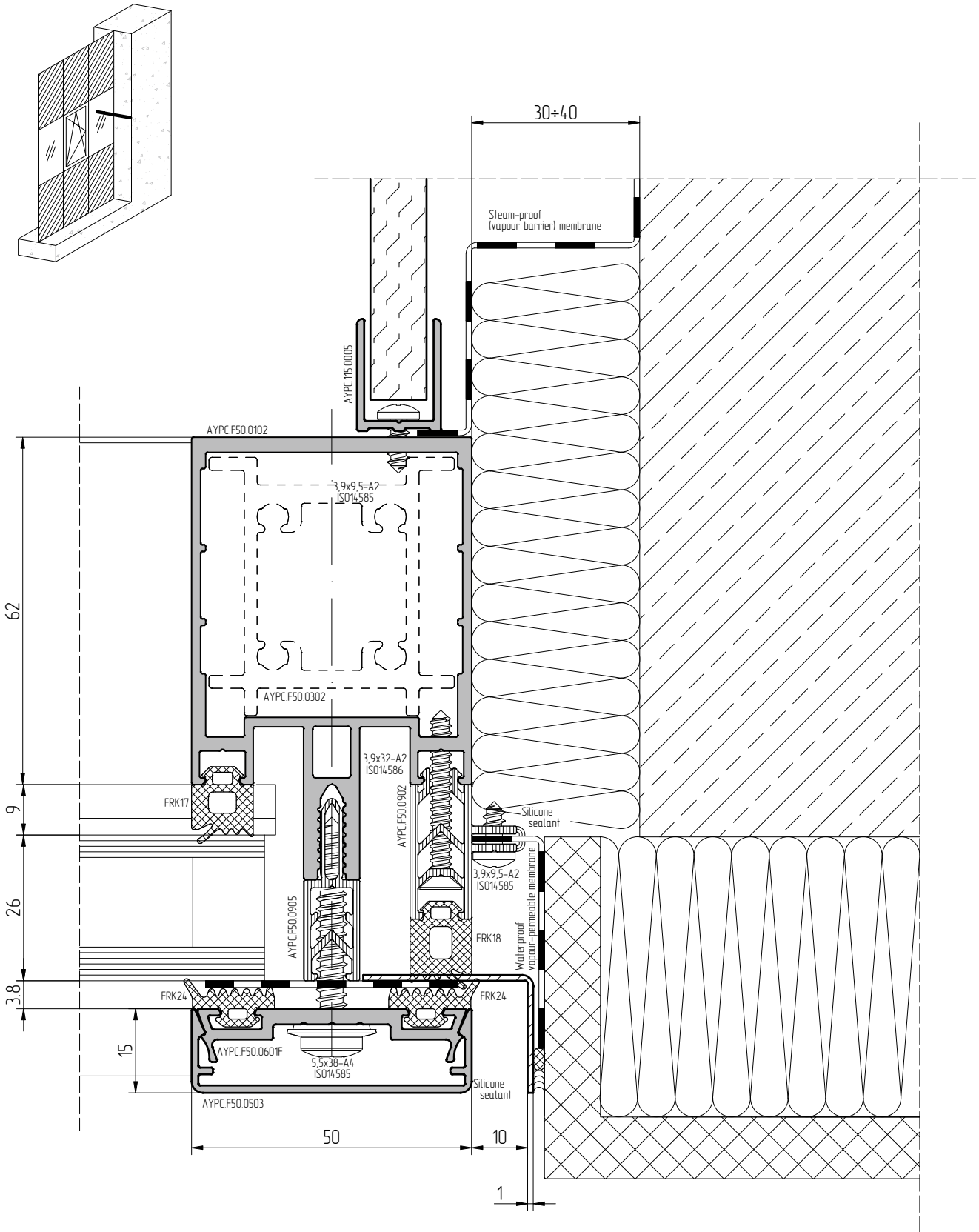


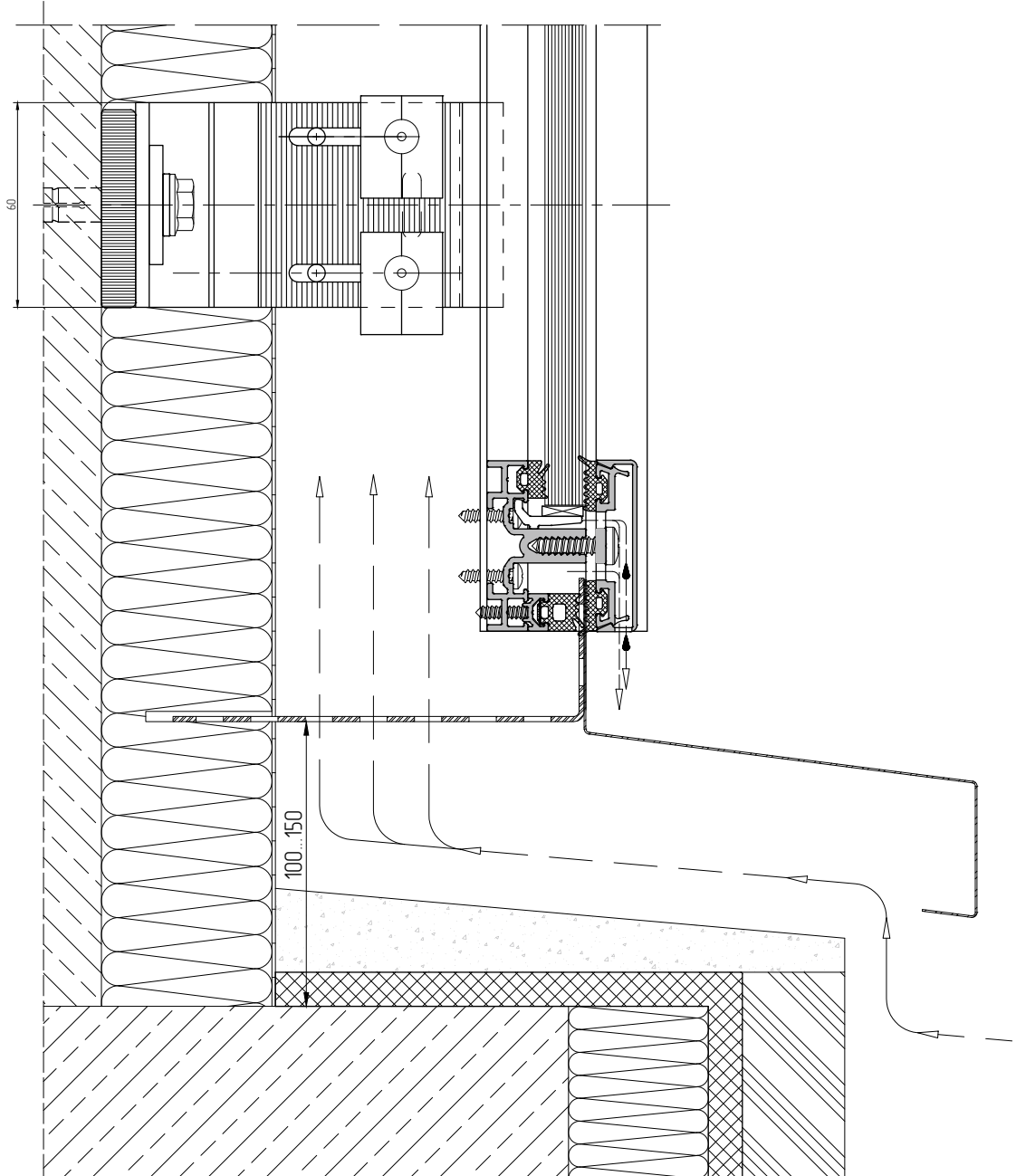
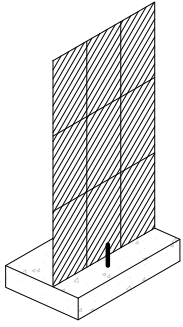




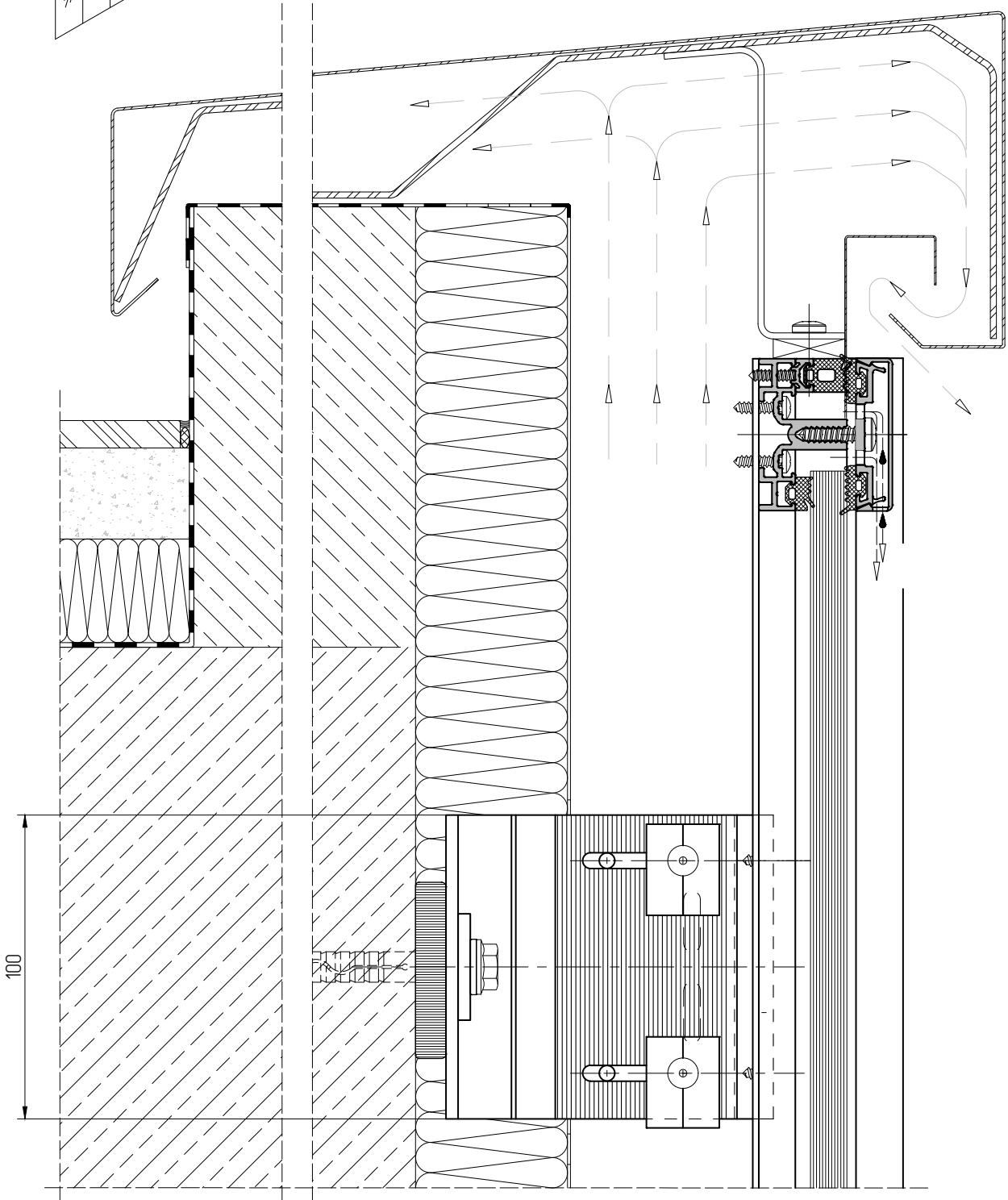
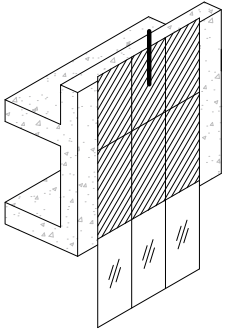




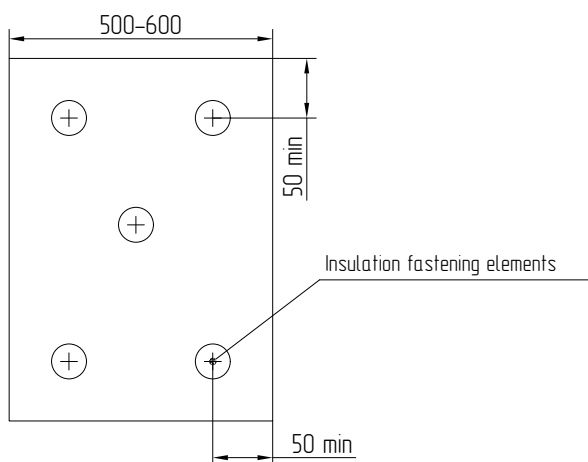




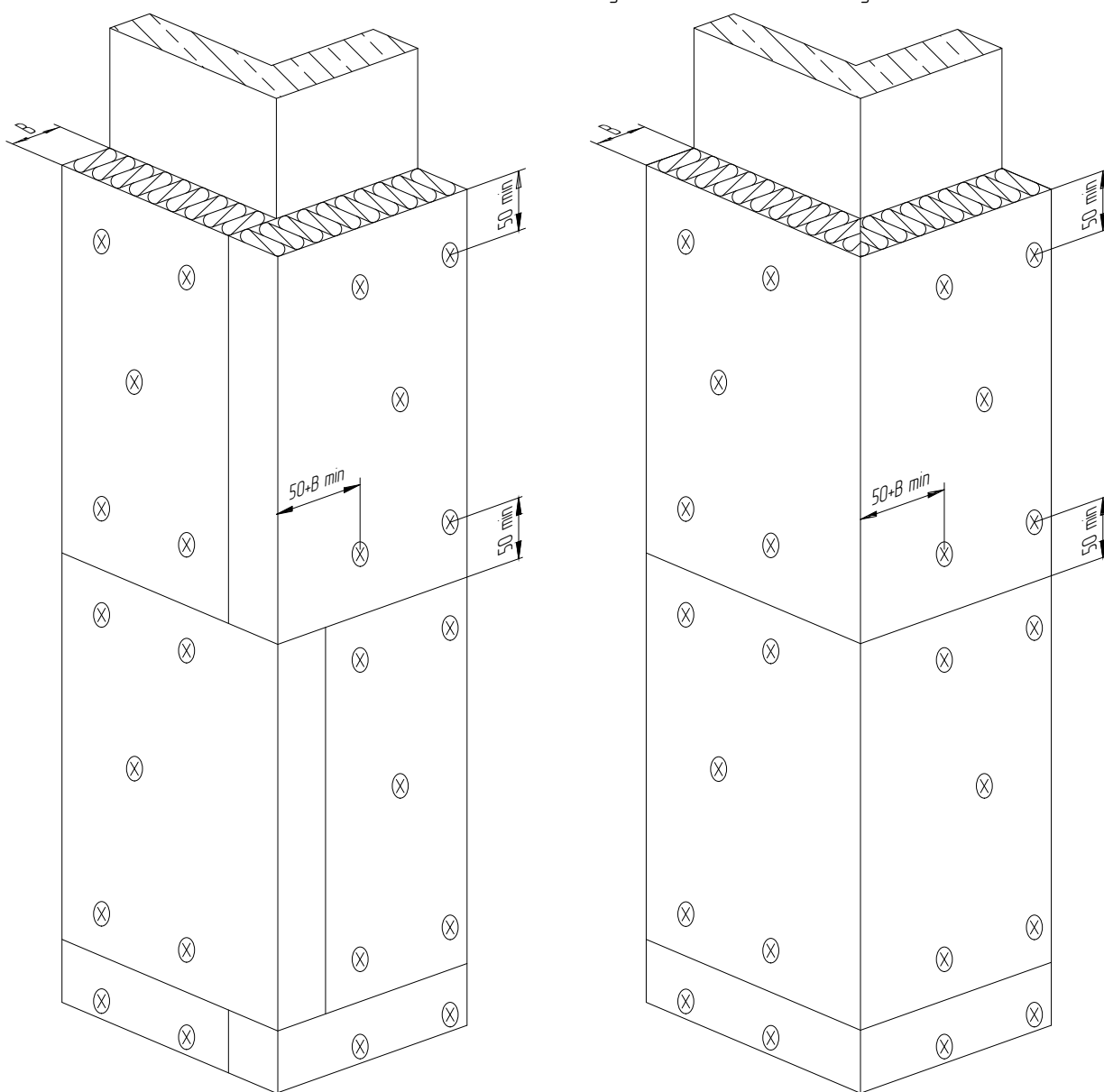
The perforated flashing must be made of thin (0.55 mm or thicker) corrosion-resistant steel sheet and/or steel with an anti-corrosion coating, the diameter of the holes in the flashing is 5 ... 6 mm, the width of the lintel between the holes is at least 15 mm



Scheme of insulation fastening (mineral wool boards)

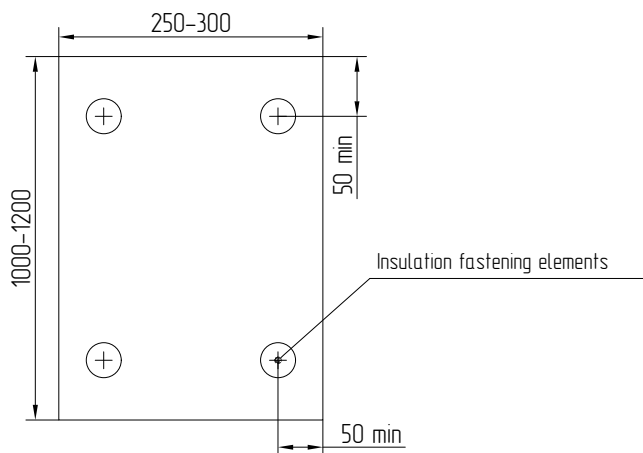


Scheme of insulation fastening on the corner of the building

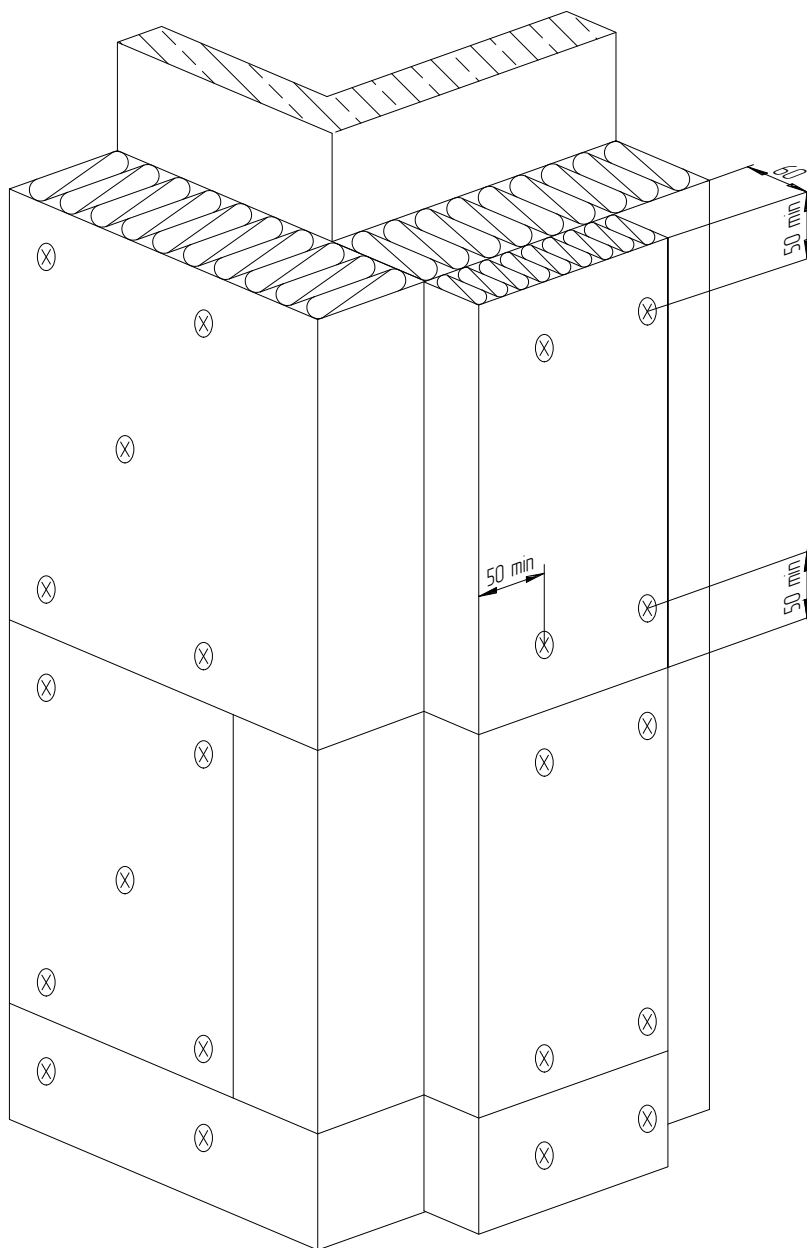


The main standard size of mineral wool boards for ventilated facade systems- 600x1000, 600x1200 mm Fastening of insulation boards to the wall is carried out with disk-shaped dowels at the rate of 5 pcs. for 1 board.
B - insulation thickness

Additional insulation installation on the corner of the building (mineral wool boards)

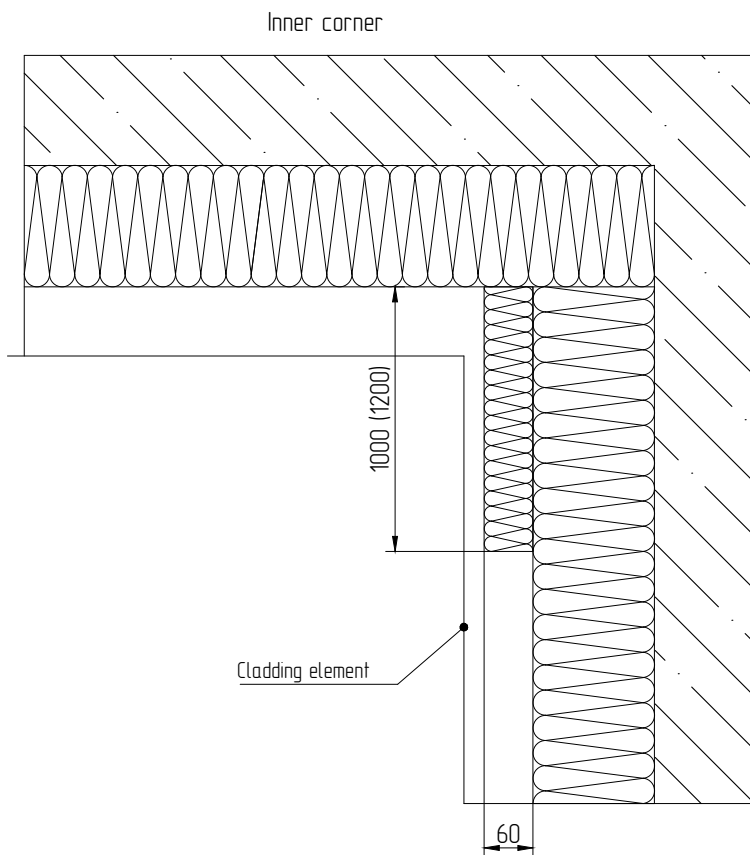
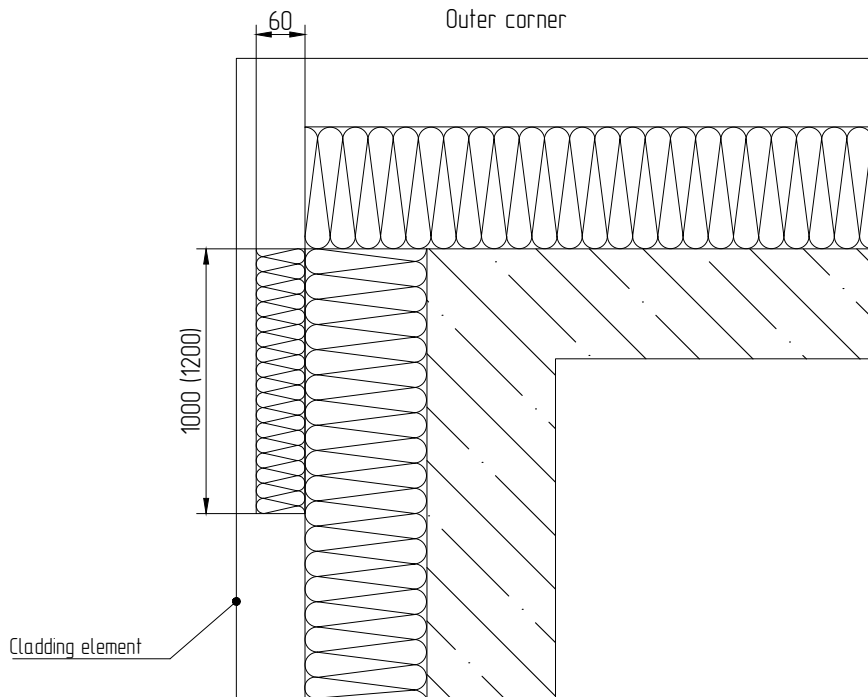


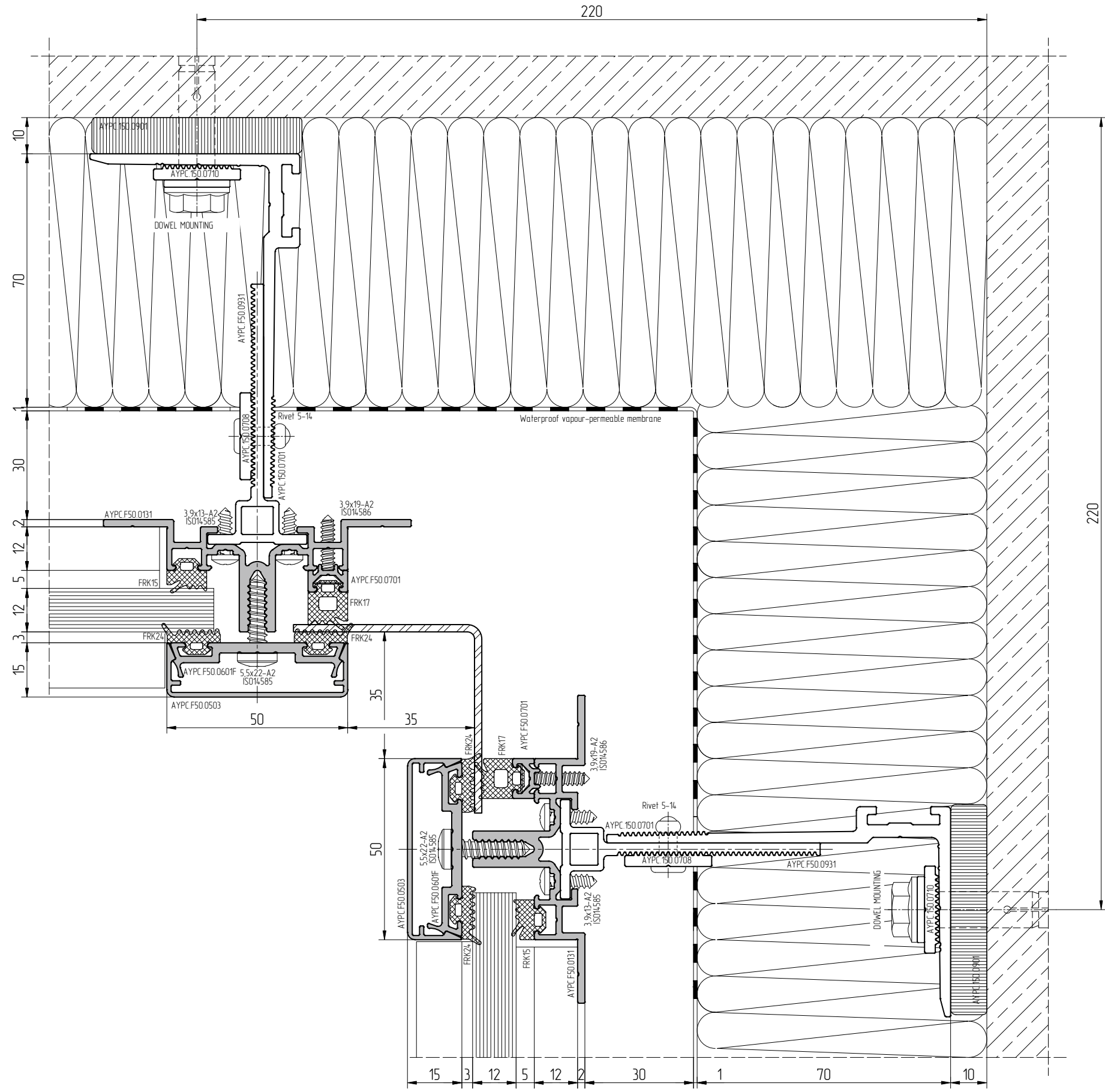
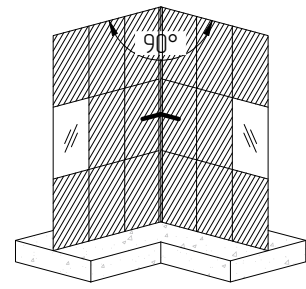
Scheme of insulation fastening on the corner of the building

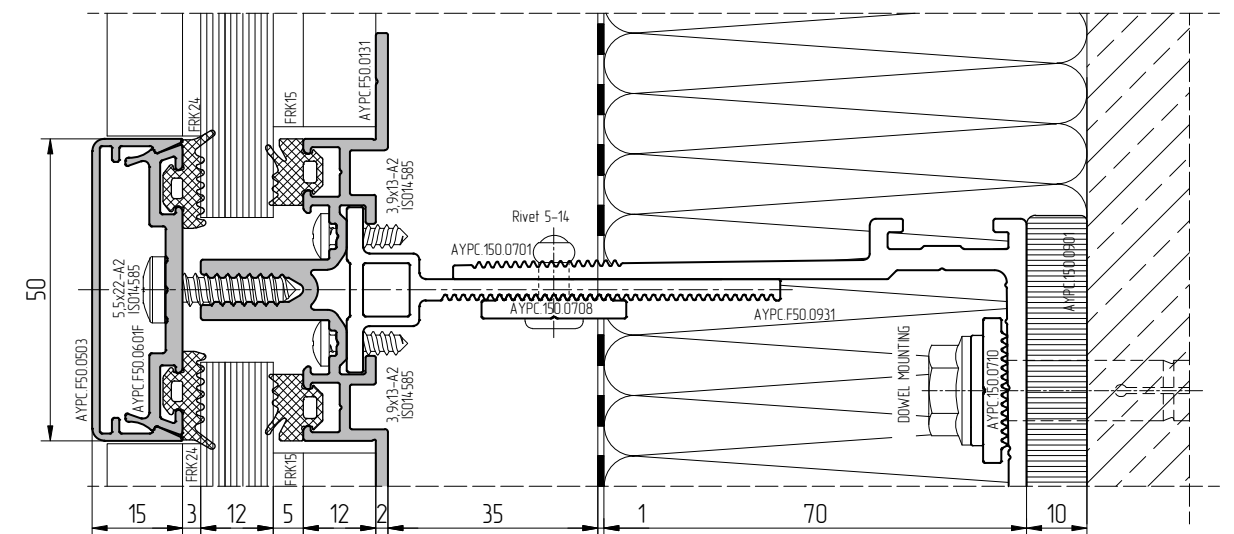
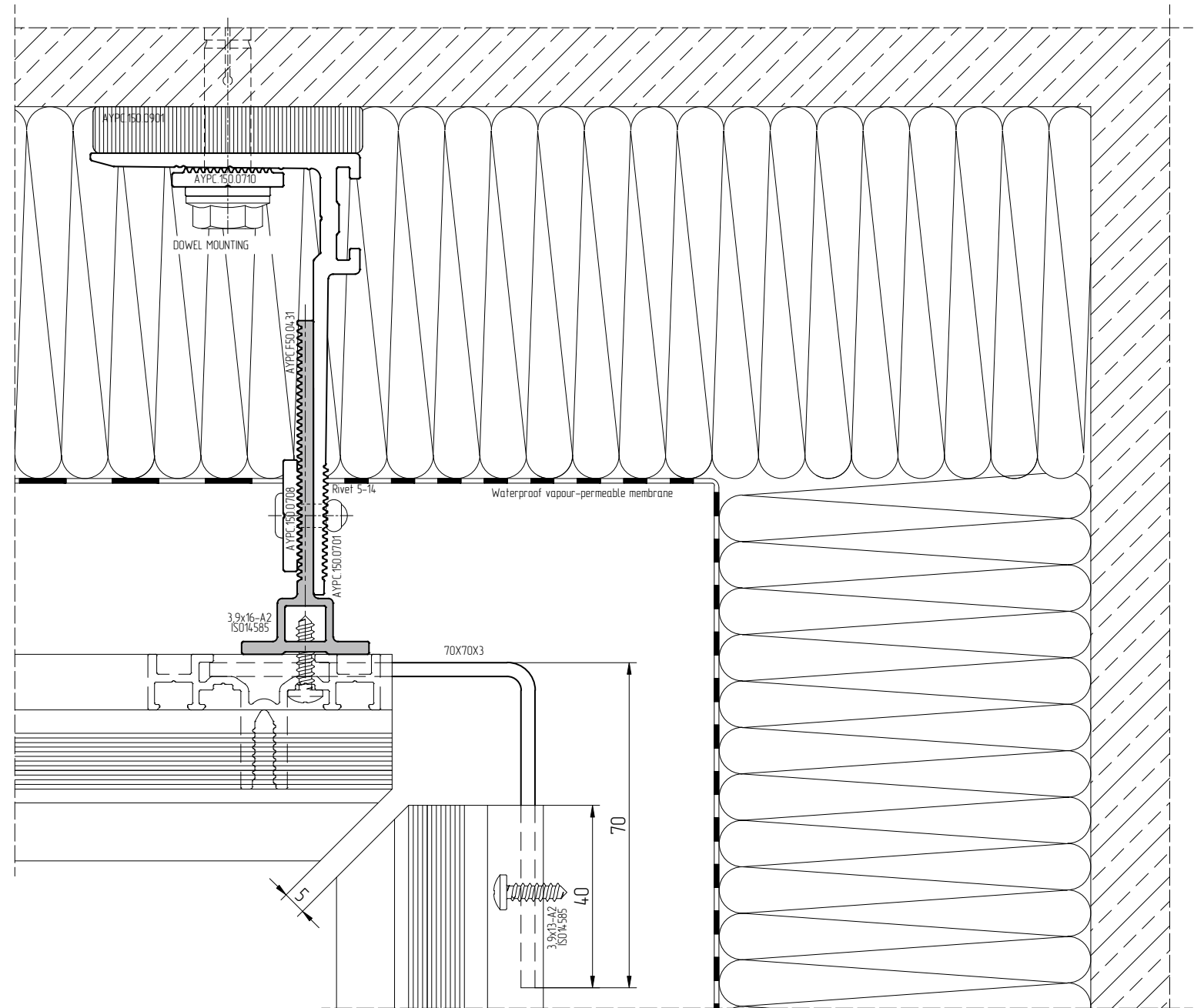
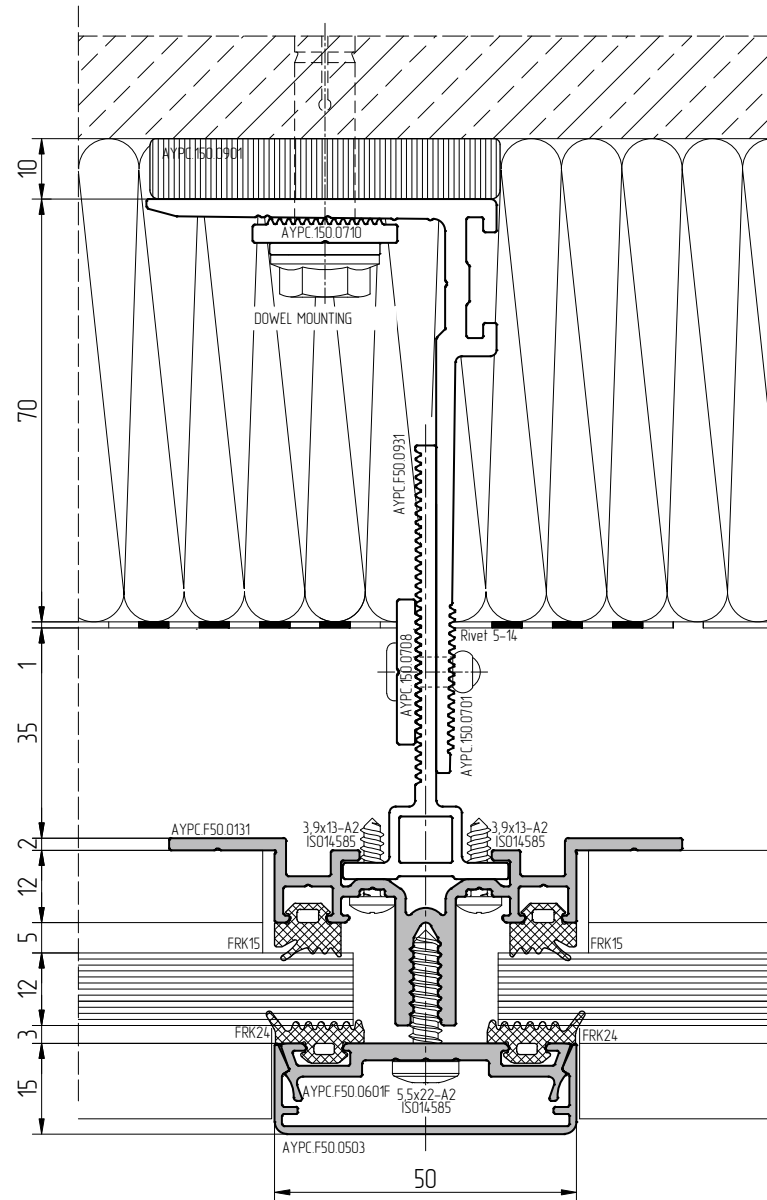
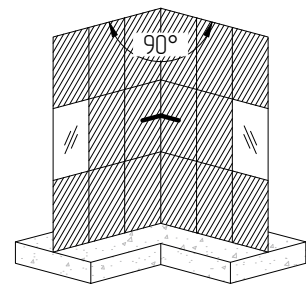


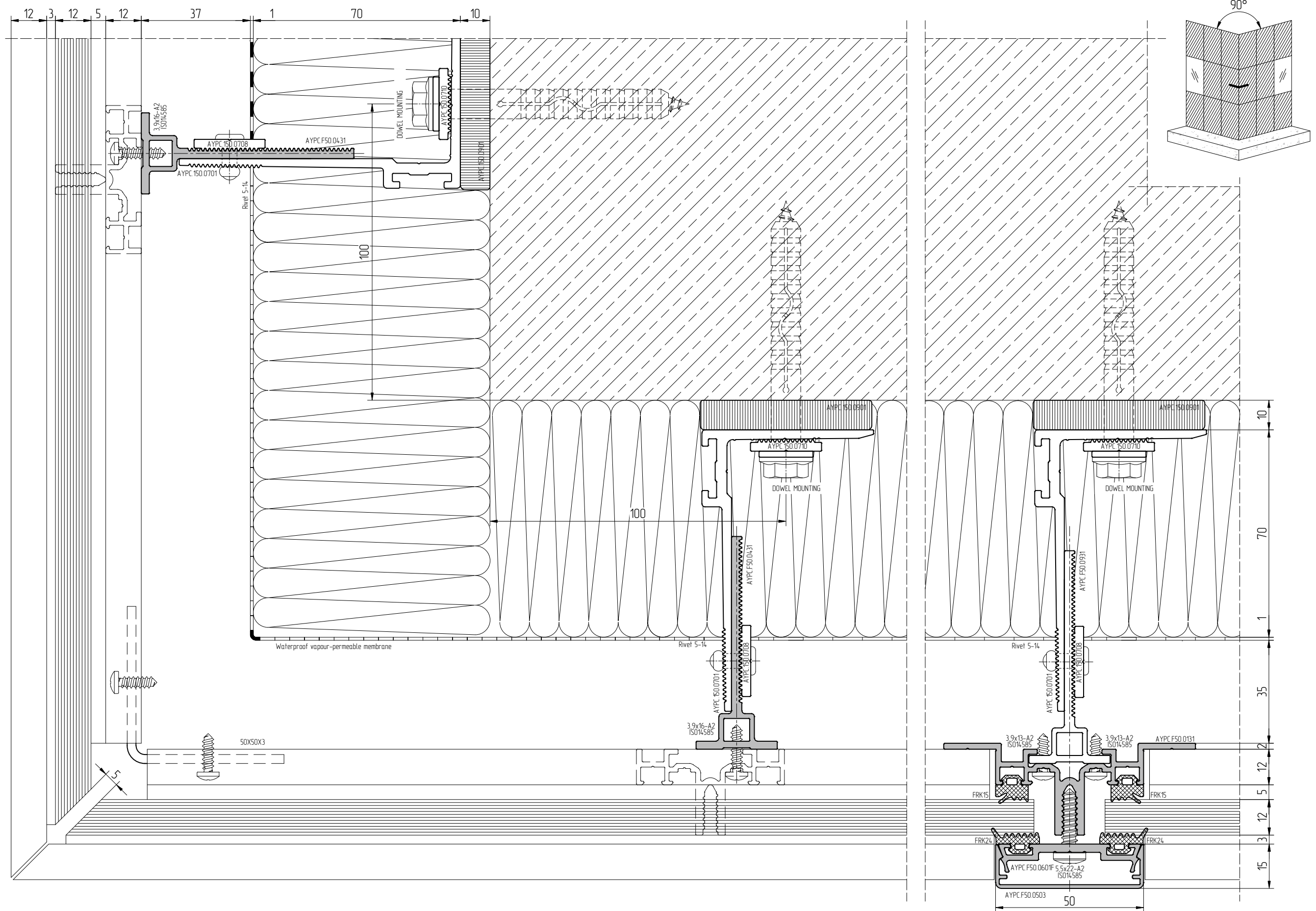
The main standard size of mineral wool boards for ventilated facade systems– 600x1000, 600x1200 mm Fastening of insulation boards to the wall is carried out with disk-shaped dowels at the rate of 5 pcs. for 1 board.

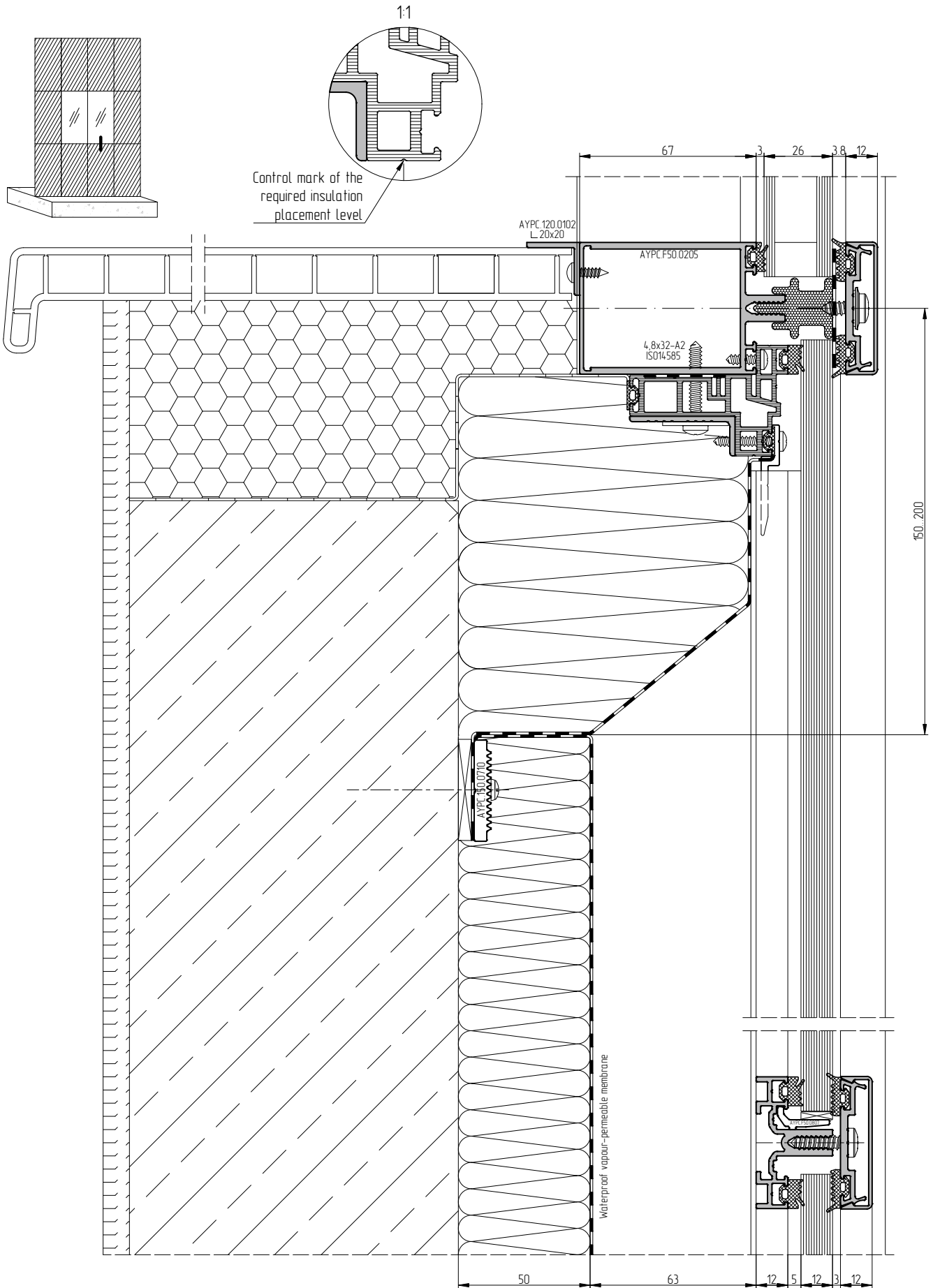
Scheme of barriers installation with insulation application on the corner of the building (mineral wool b

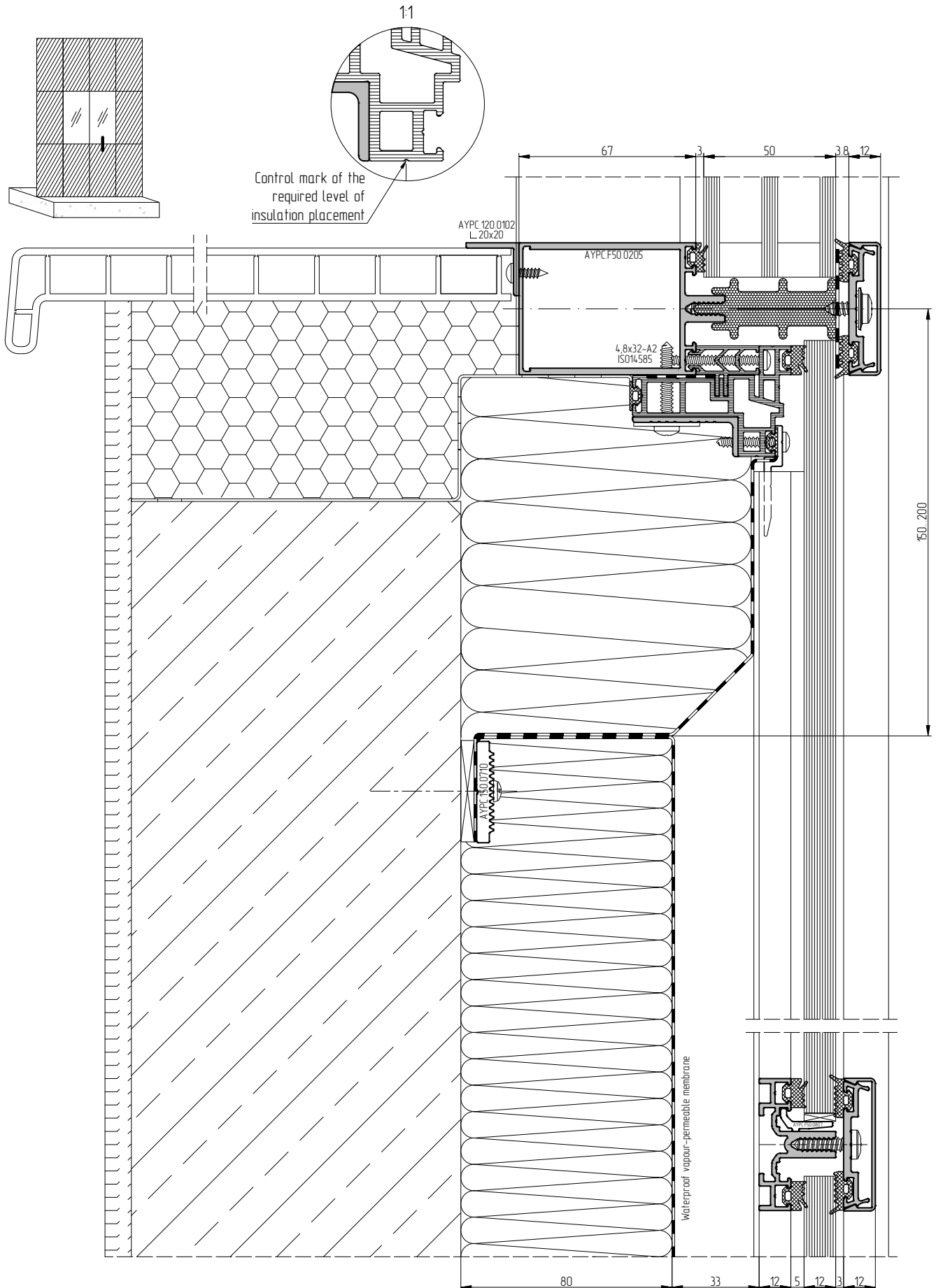


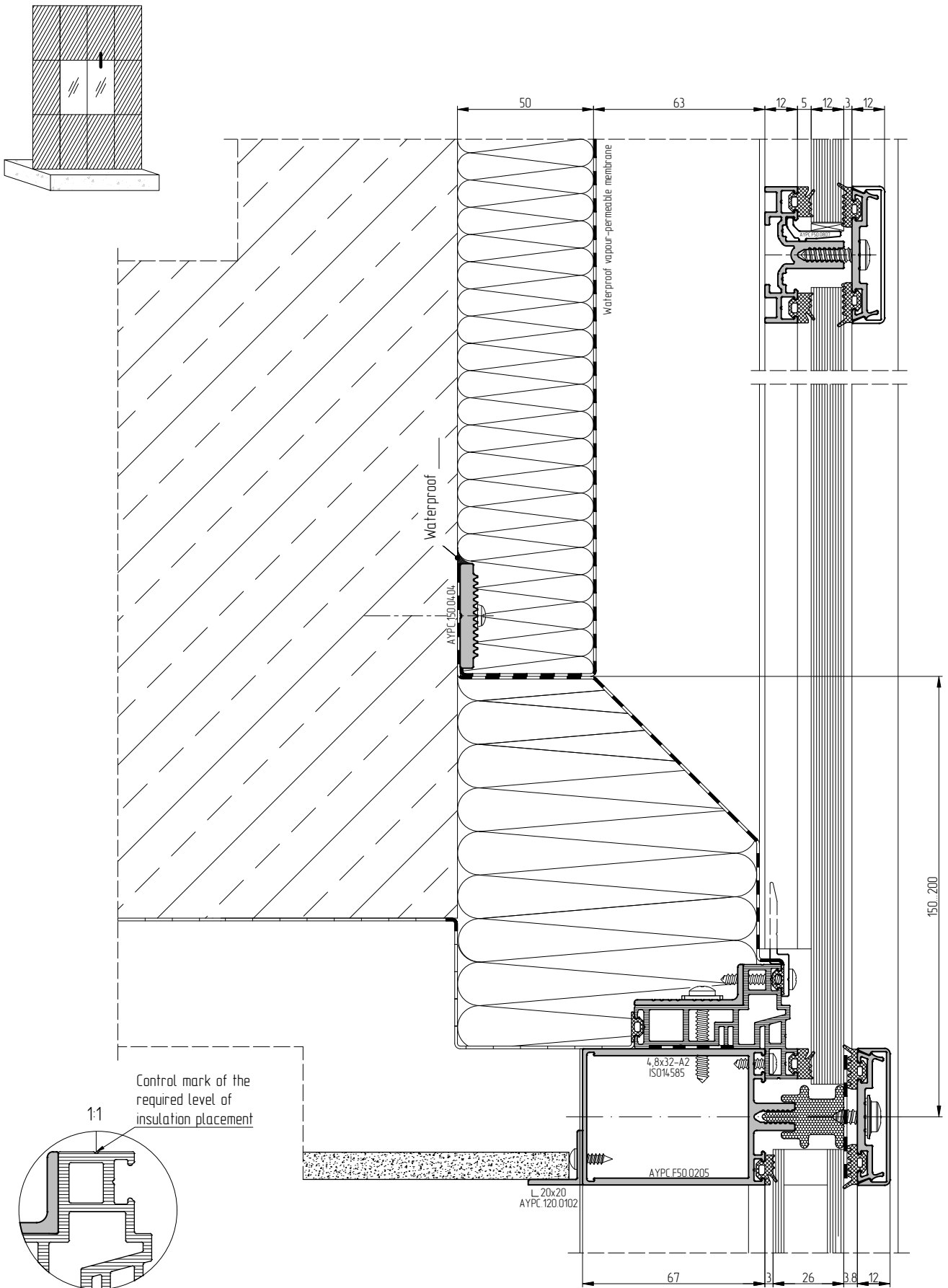


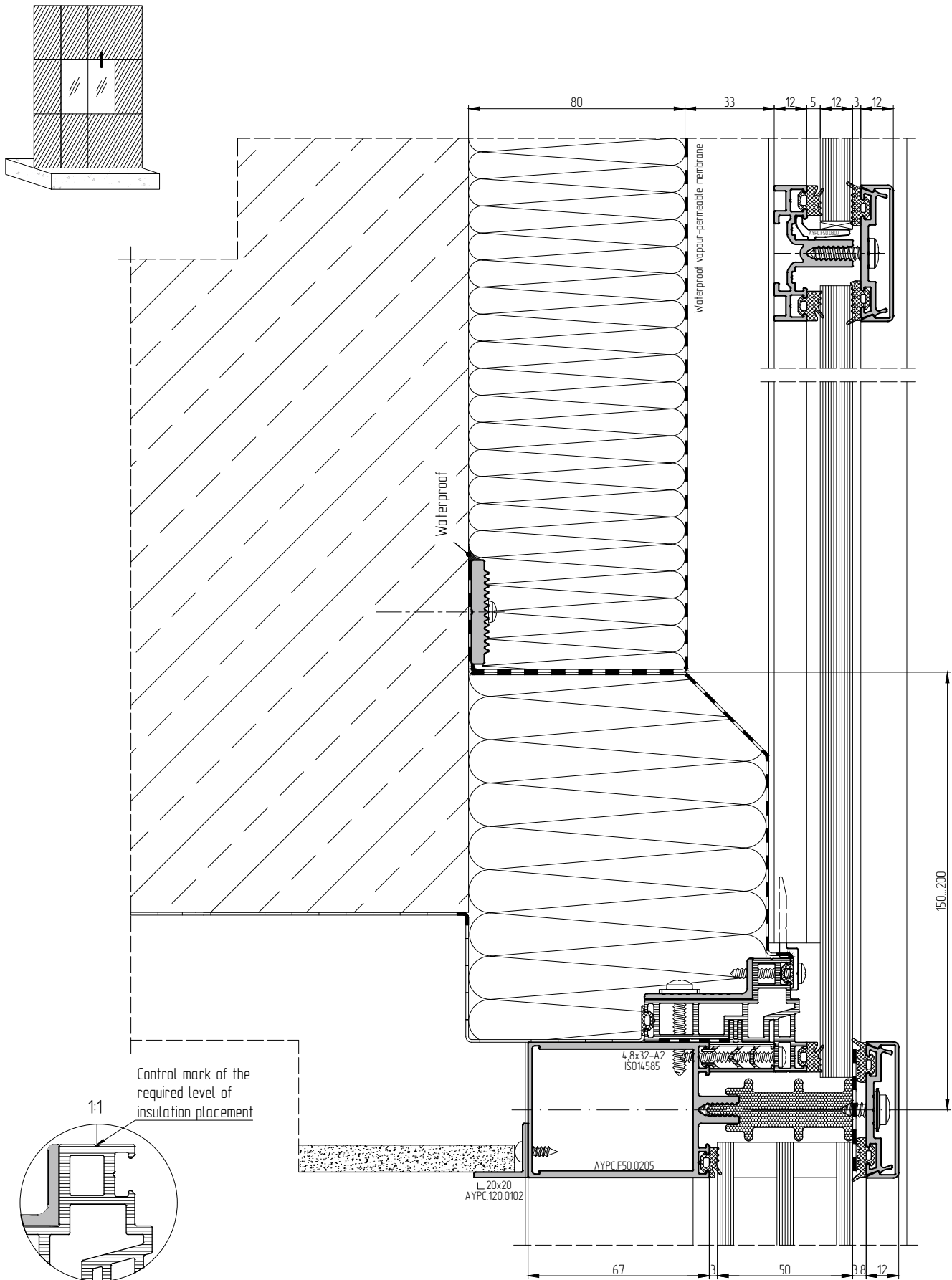


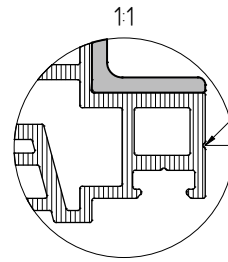
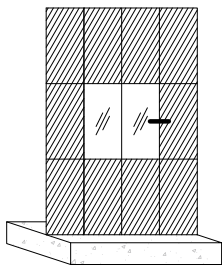




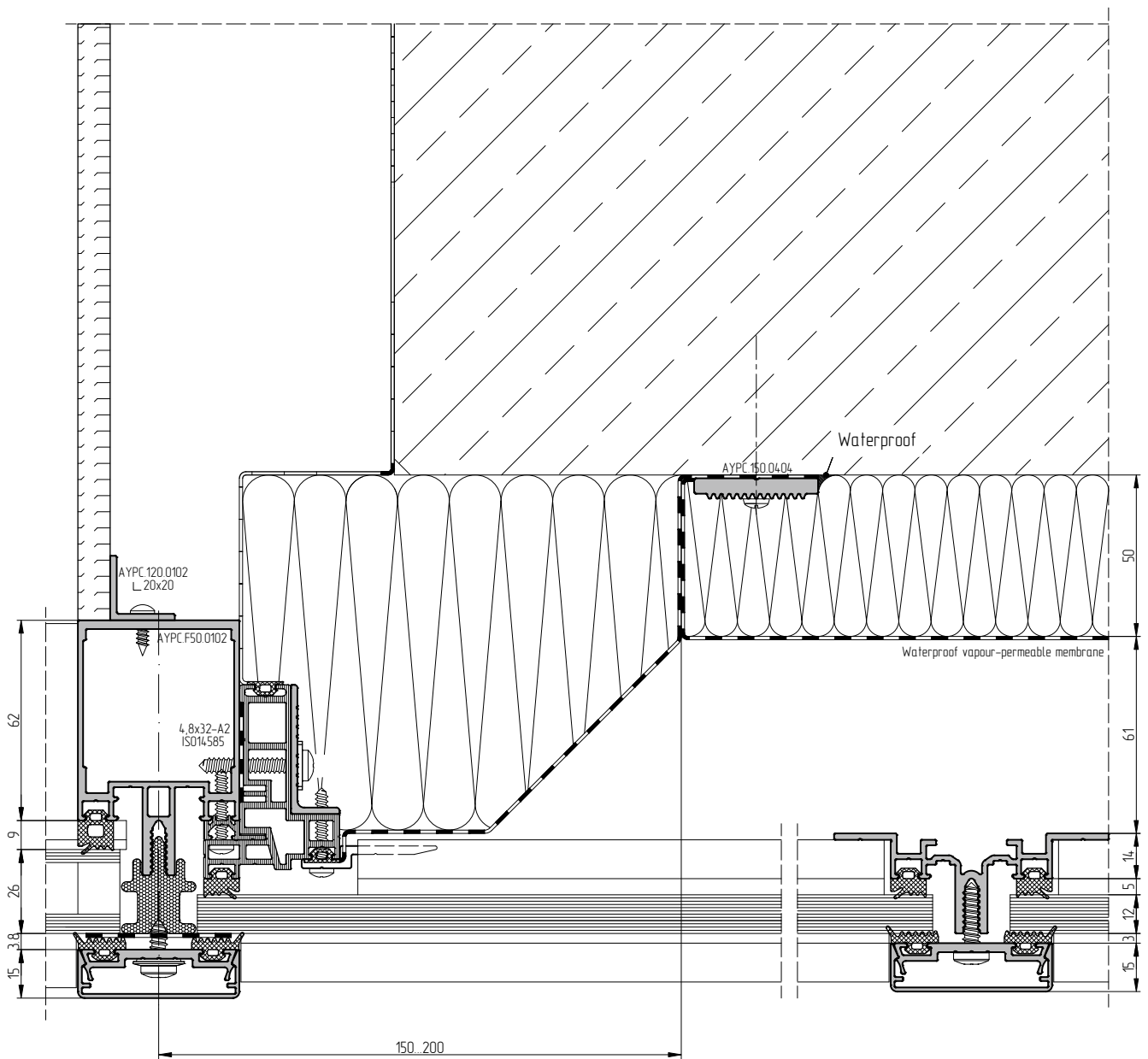


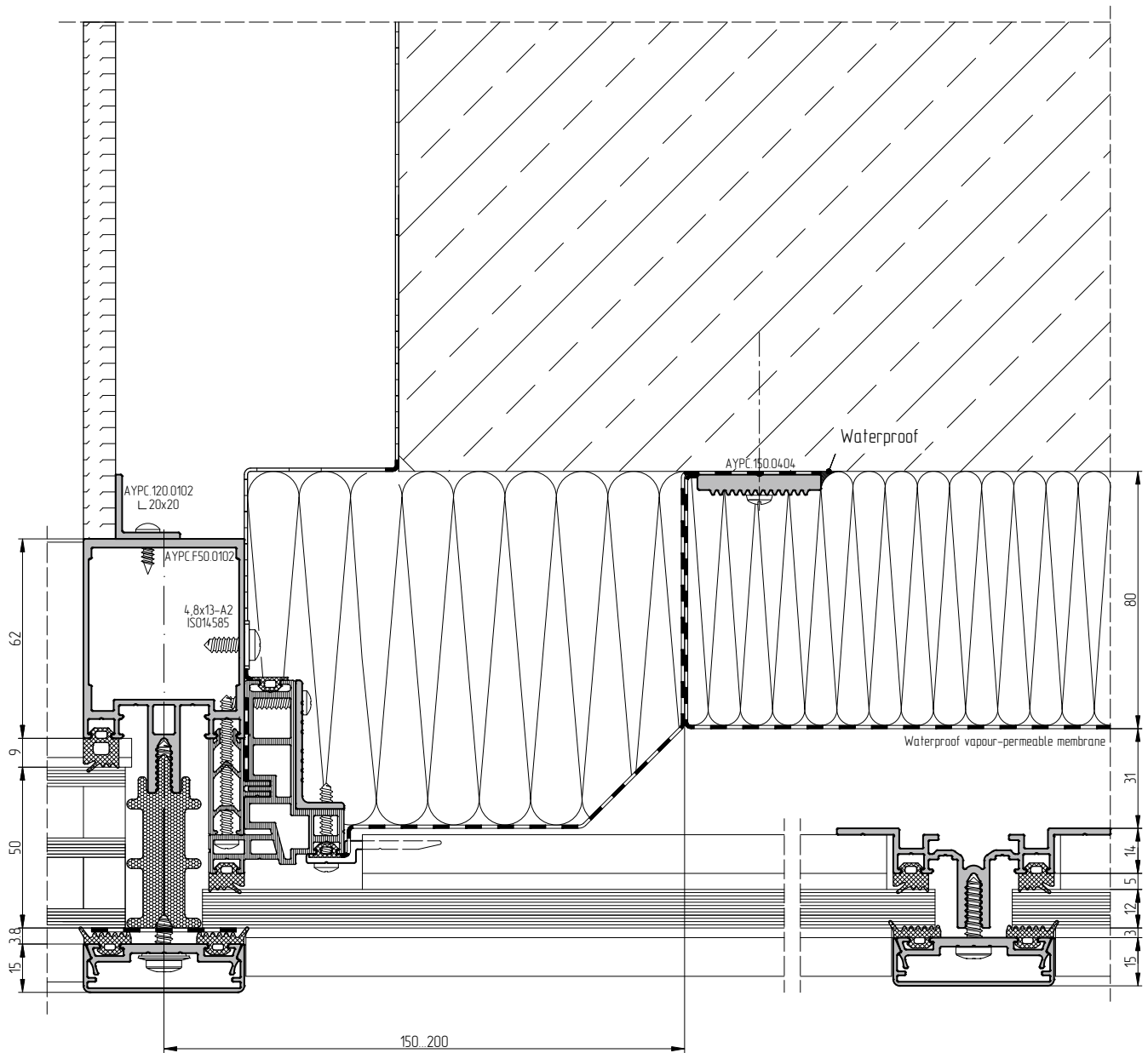
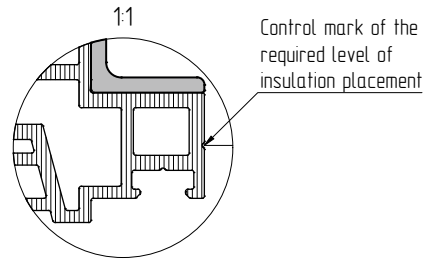
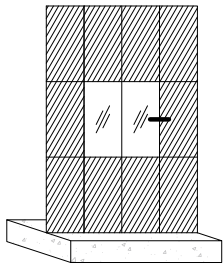


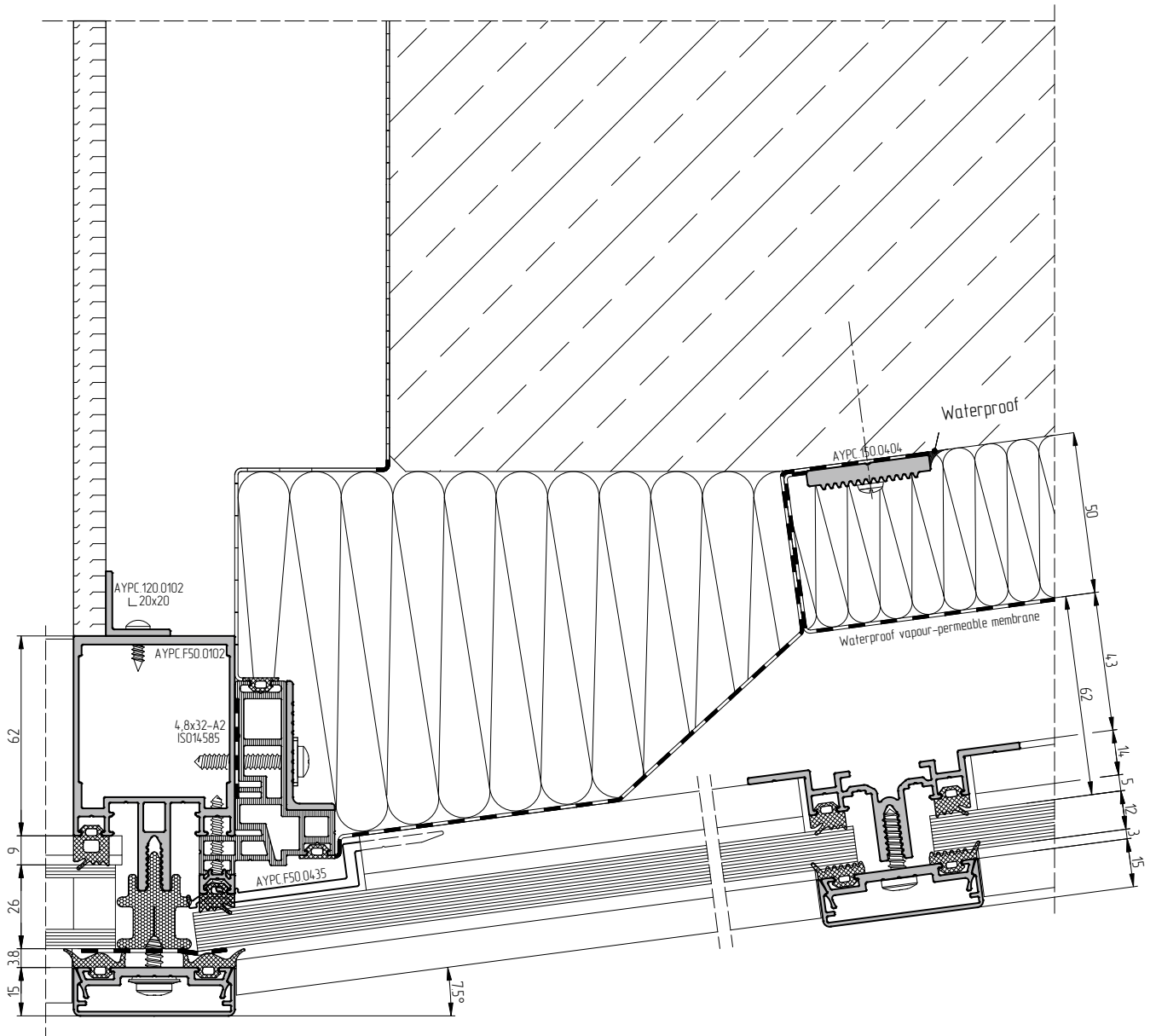
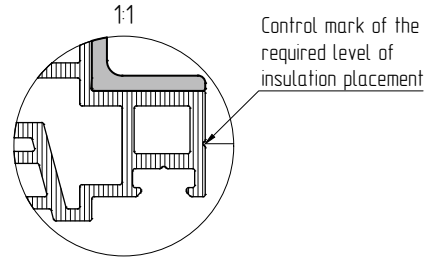
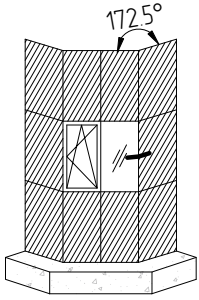


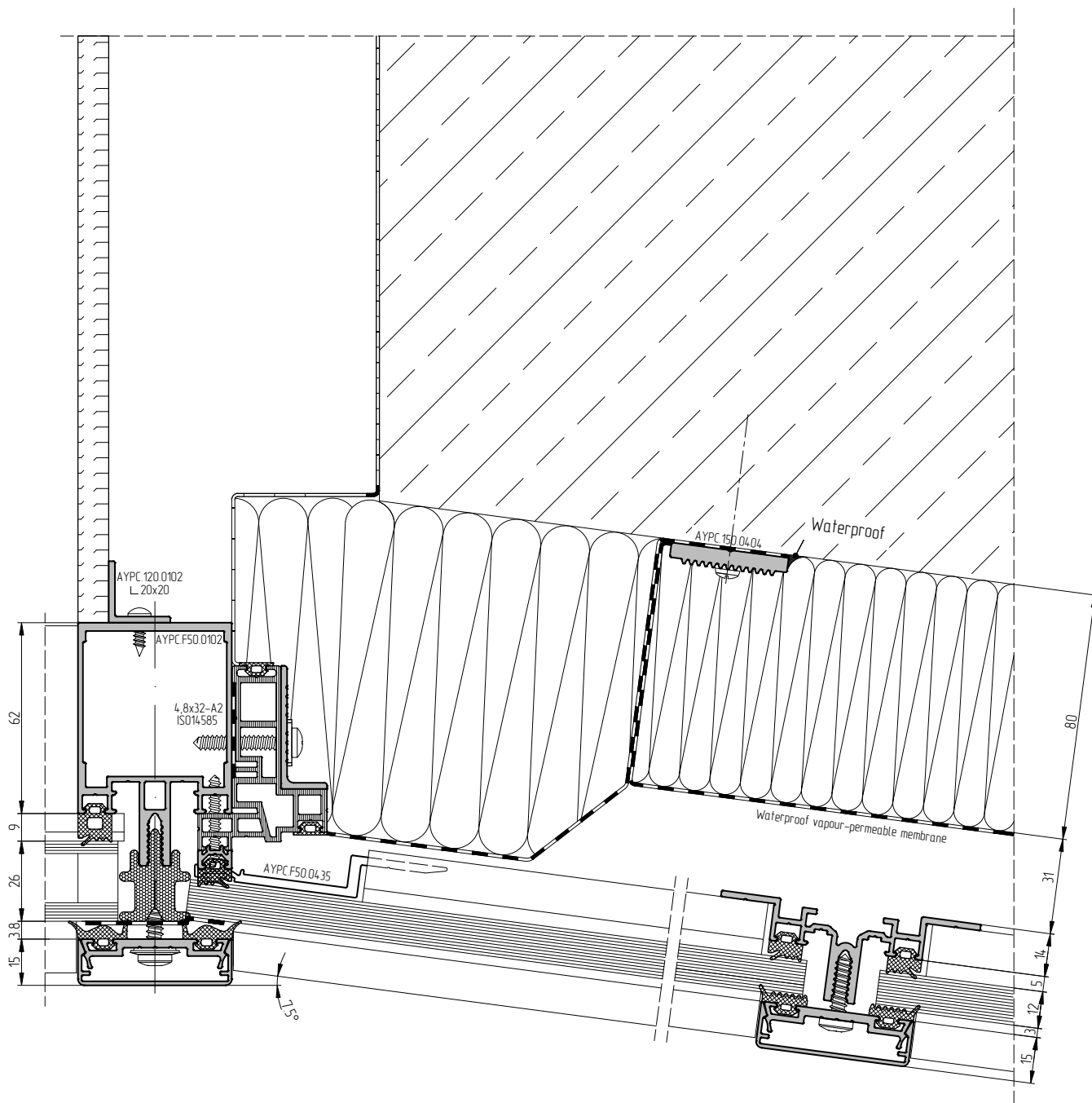
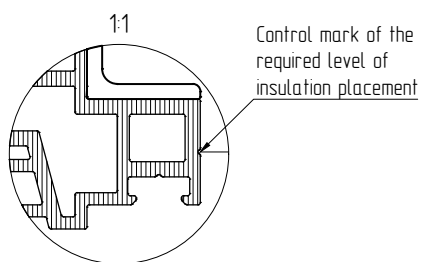
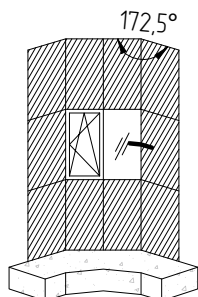


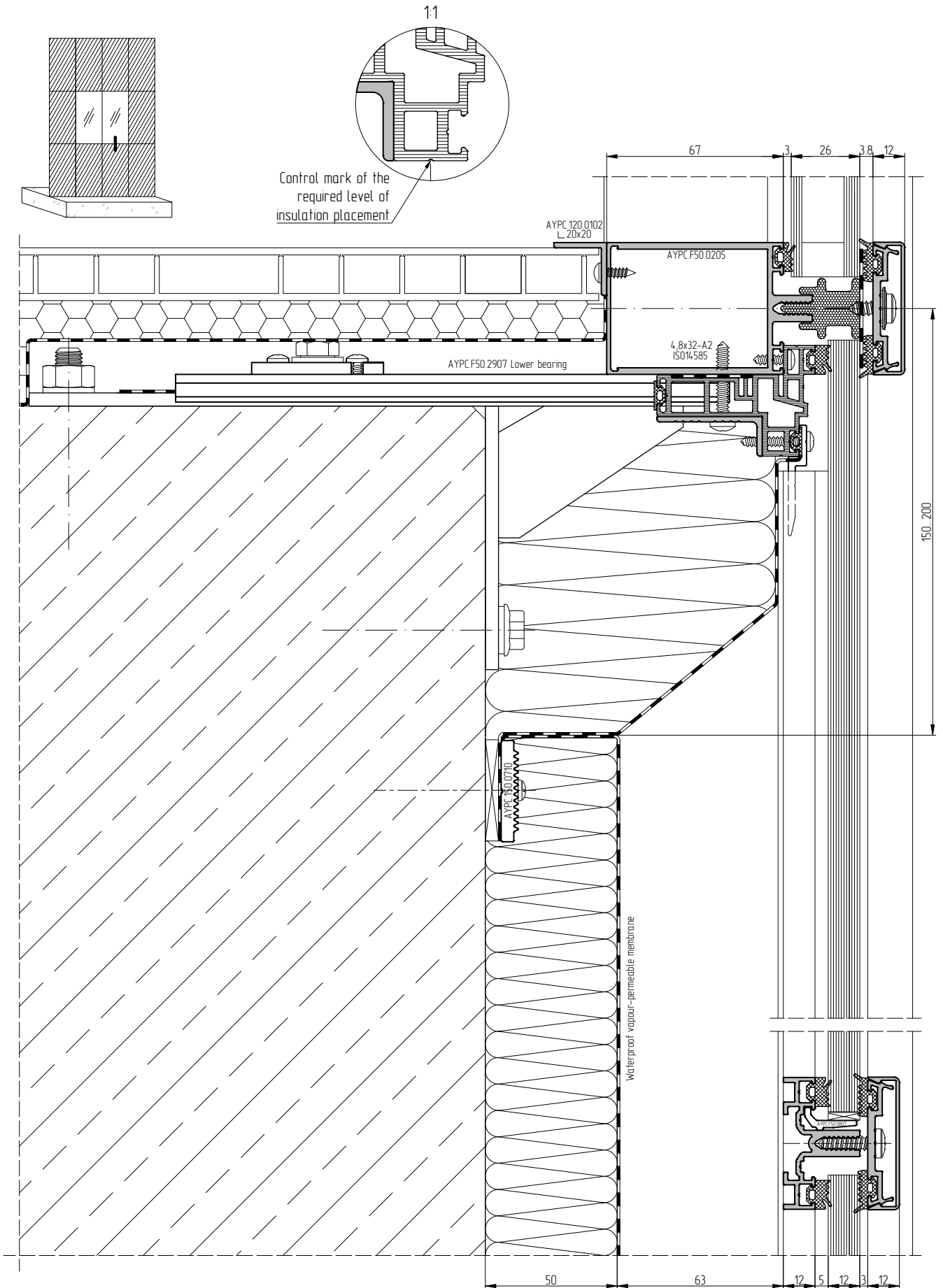
Control mark of the required level of insulation placement

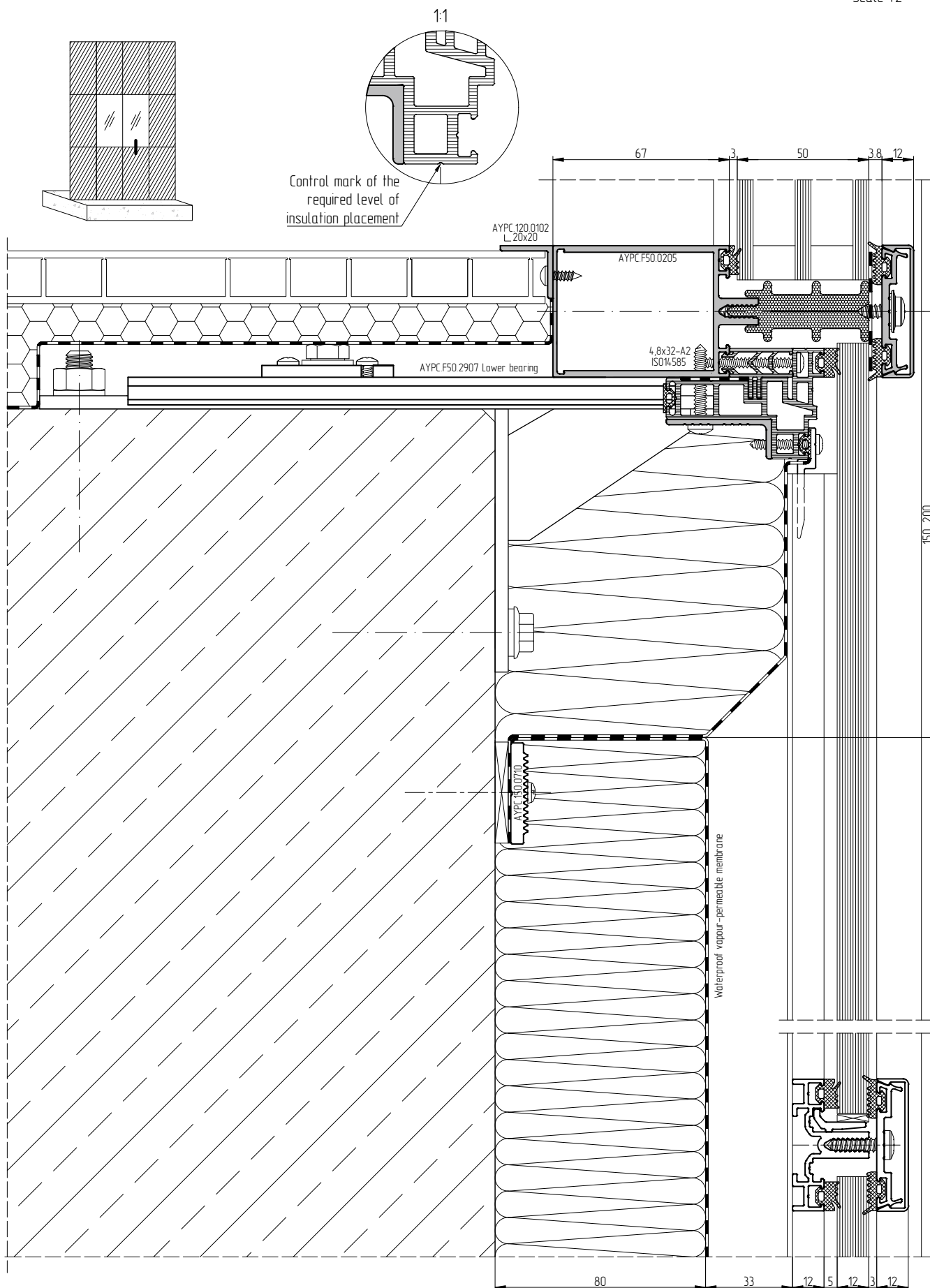


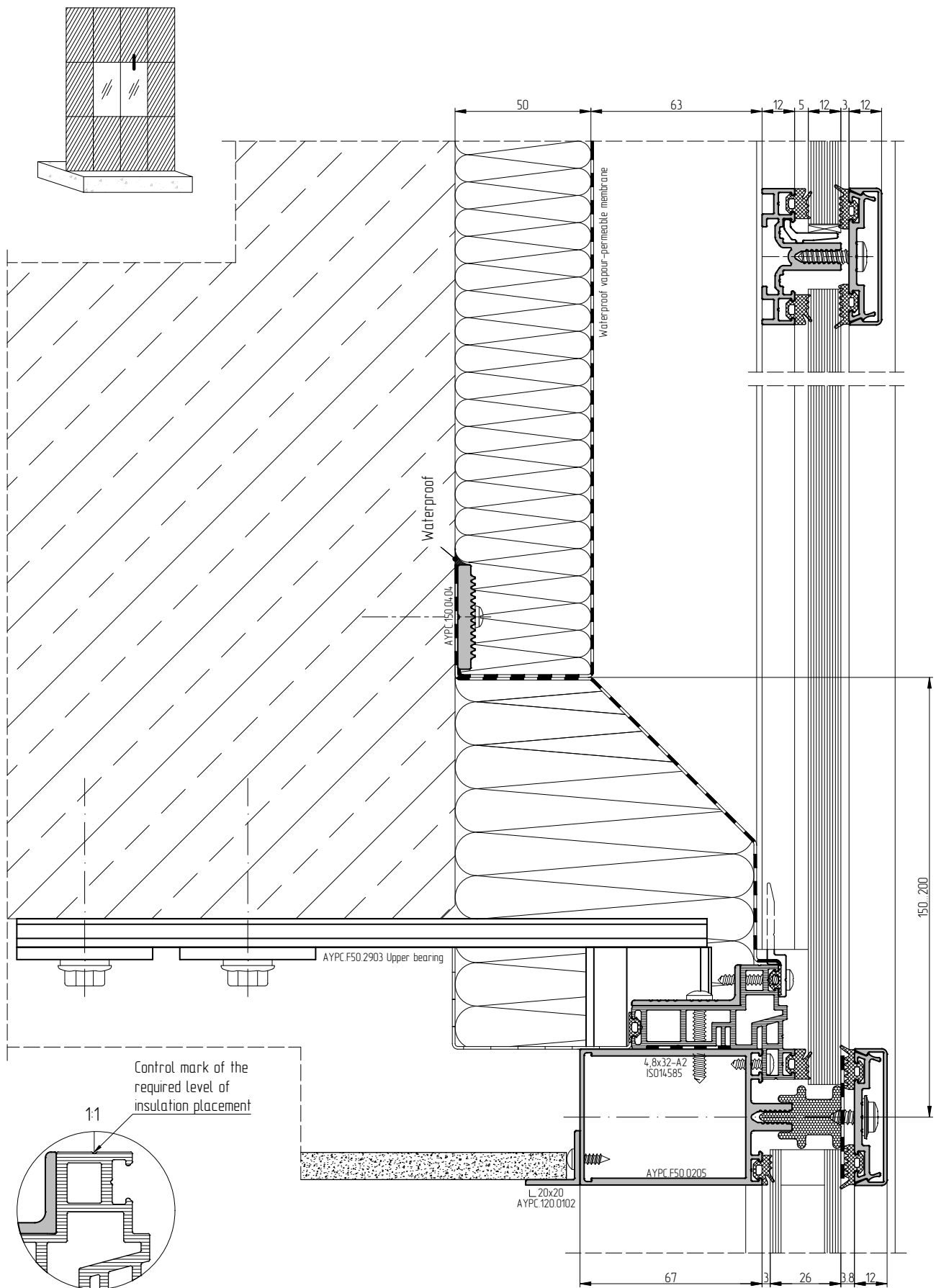


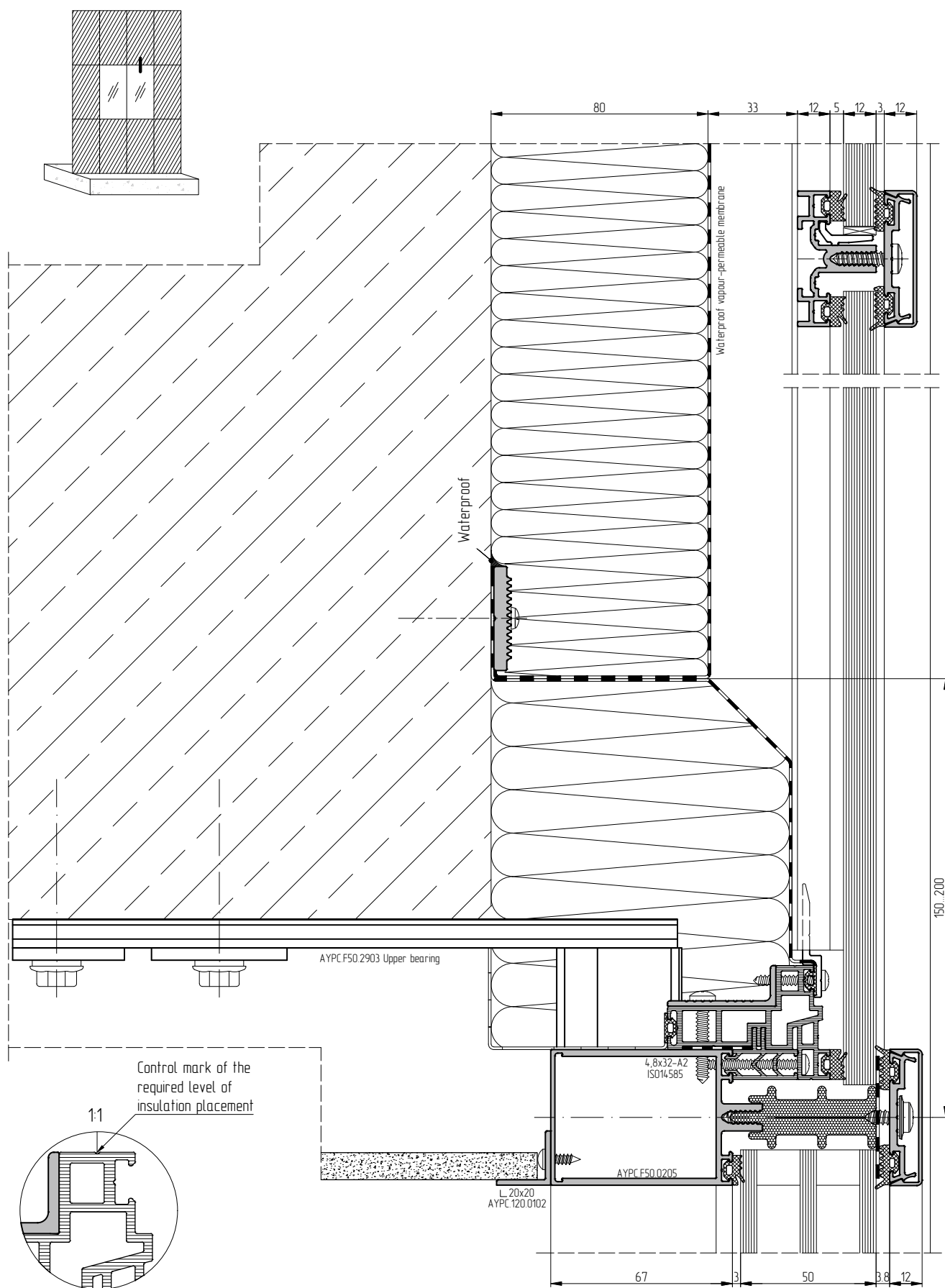




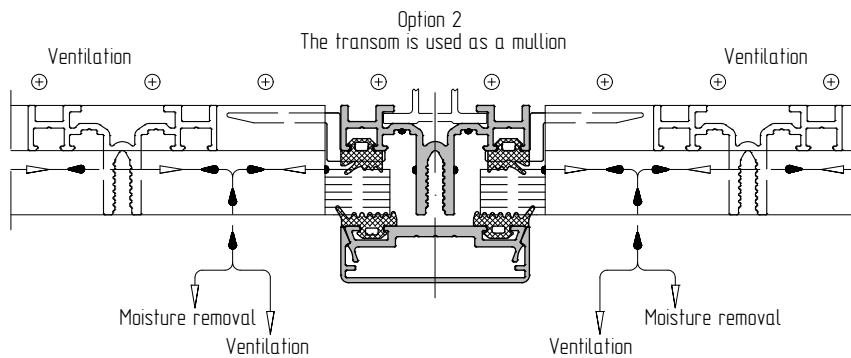
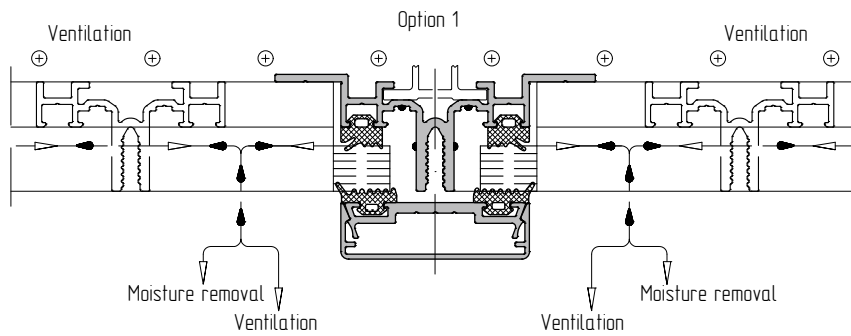
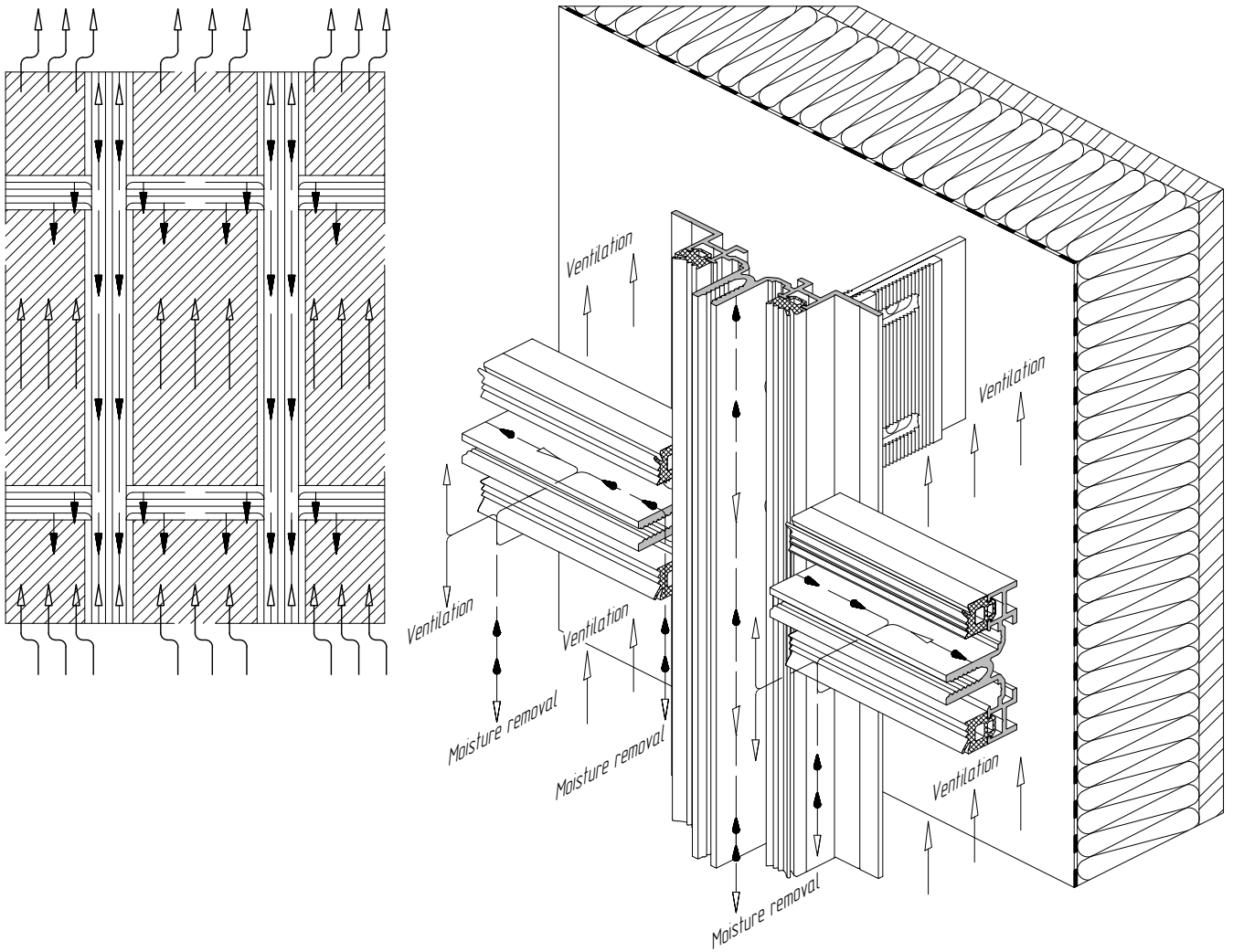




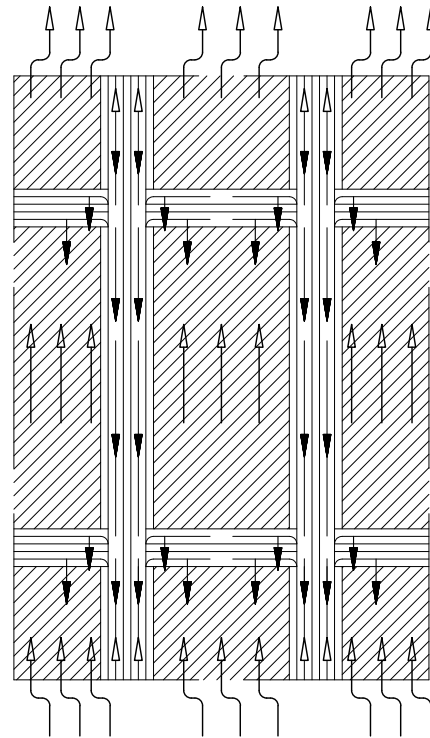
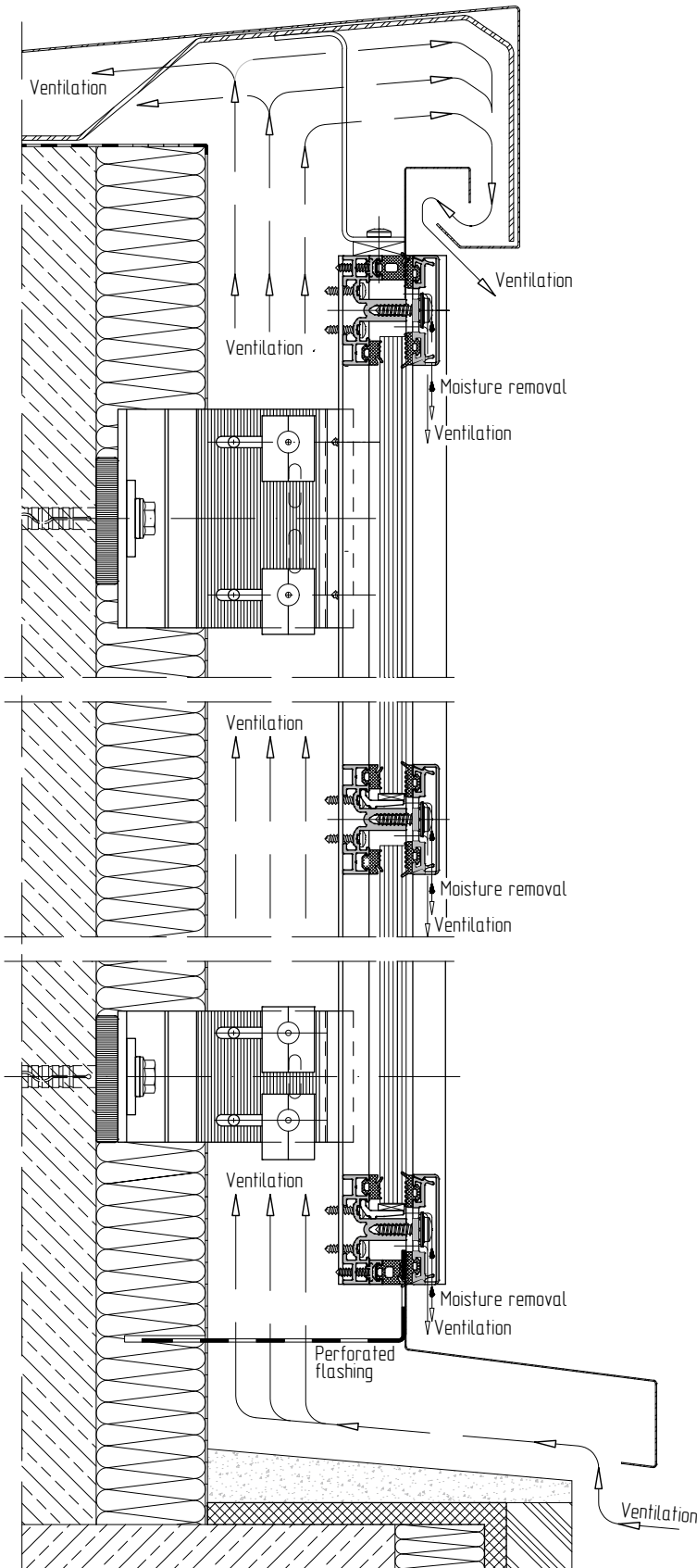




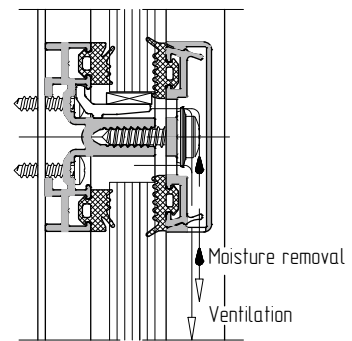
Scheme of ventilation and moisture removal from the rebate area of the infill and partition area for the straight opaque part of the curtain wall "cold" area



Scheme of ventilation and moisture removal from the rebate area of the infill and partition area for the straight opaque part of the curtain wall "cold" area

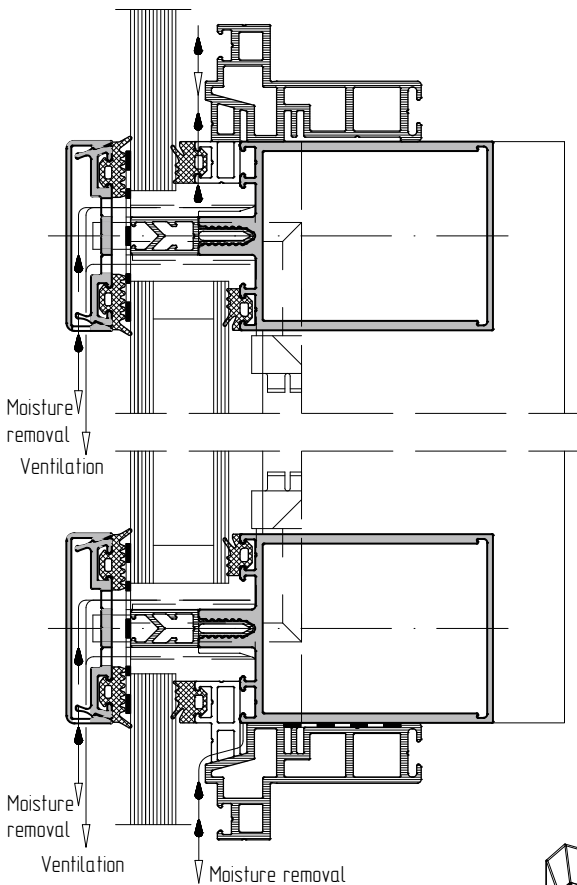
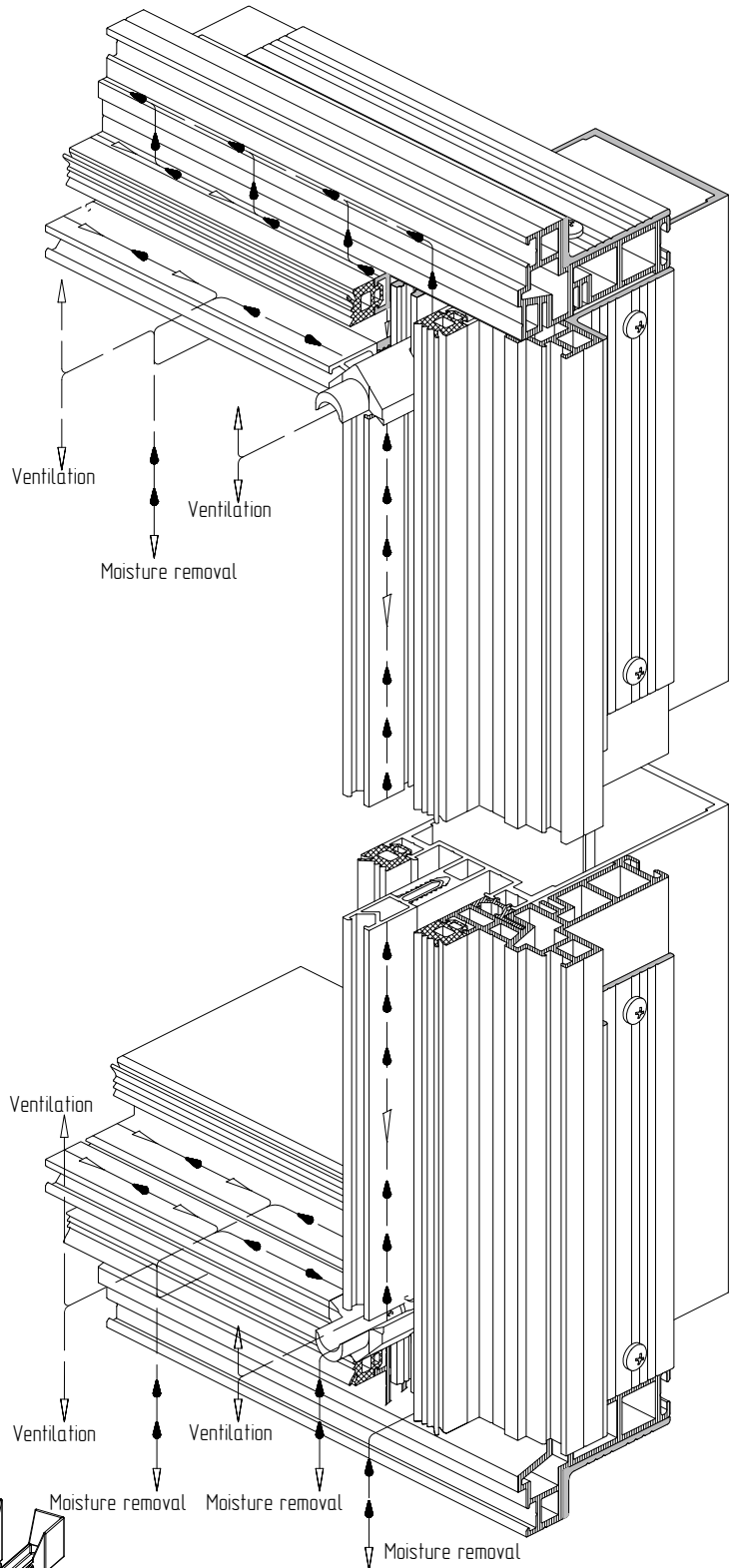
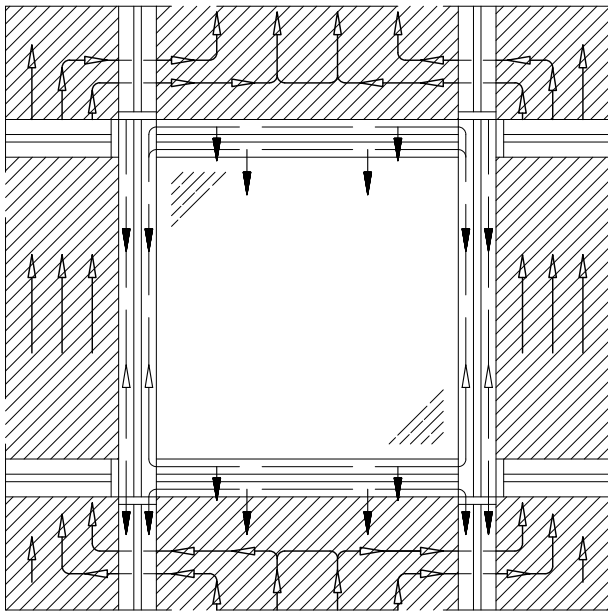


Moisture removal and ventilation of the infill rebate of the transom are realised through the special holes in horizontal clamp bars and cover caps

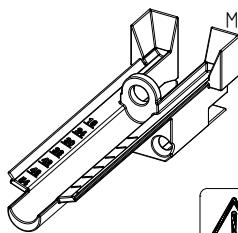


See section "Machining and assembly" of ALT F50 catalogue for detailed process of machining of horizontal decorative caps and clamp bars

Scheme of ventilation and moisture removal from the rebate area of the glass unit for the straight translucent part of the curtain wall "hot" area



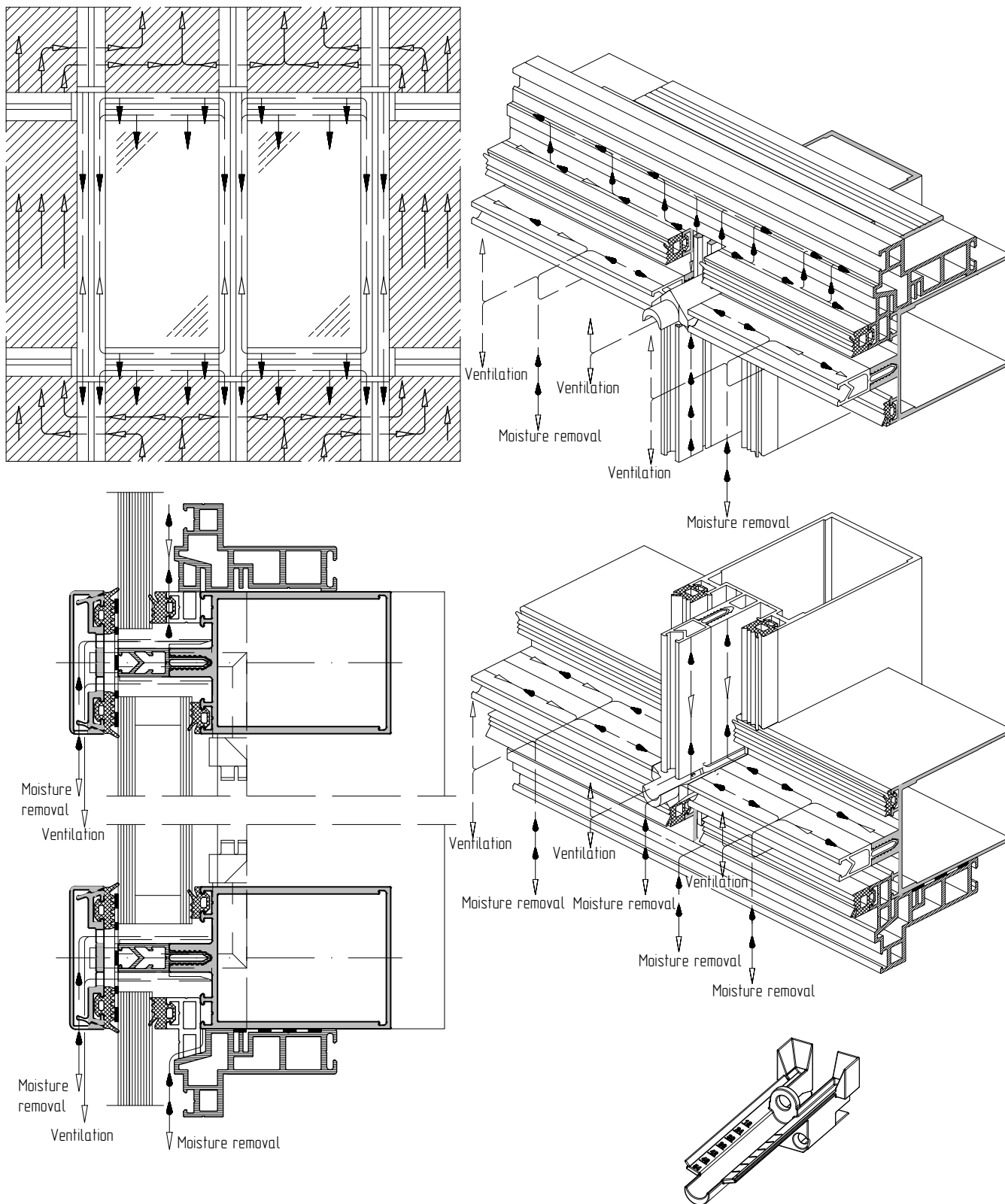
To ensure moisture removal and ventilation of the glass unit rebate, AYPC.F50.0928 (AYPC.F50.0998) drip caps should be installed on the mullions at the intersection of the upper and lower transom axes of the "hot" section of the structure



See section "Machining and assembly" of ALT F50 catalogue for the detailed scheme of a AYPC.F50.0928 (AYPC.F50.0998) drip cap machining and installation

See section "Machining and assembly" of ALT F50 catalogue for detailed process of machining of horizontal decorative caps and clamp bars

Scheme of ventilation and moisture removal from the rebate area of the glass unit for the straight translucent part of the curtain wall "hot" area



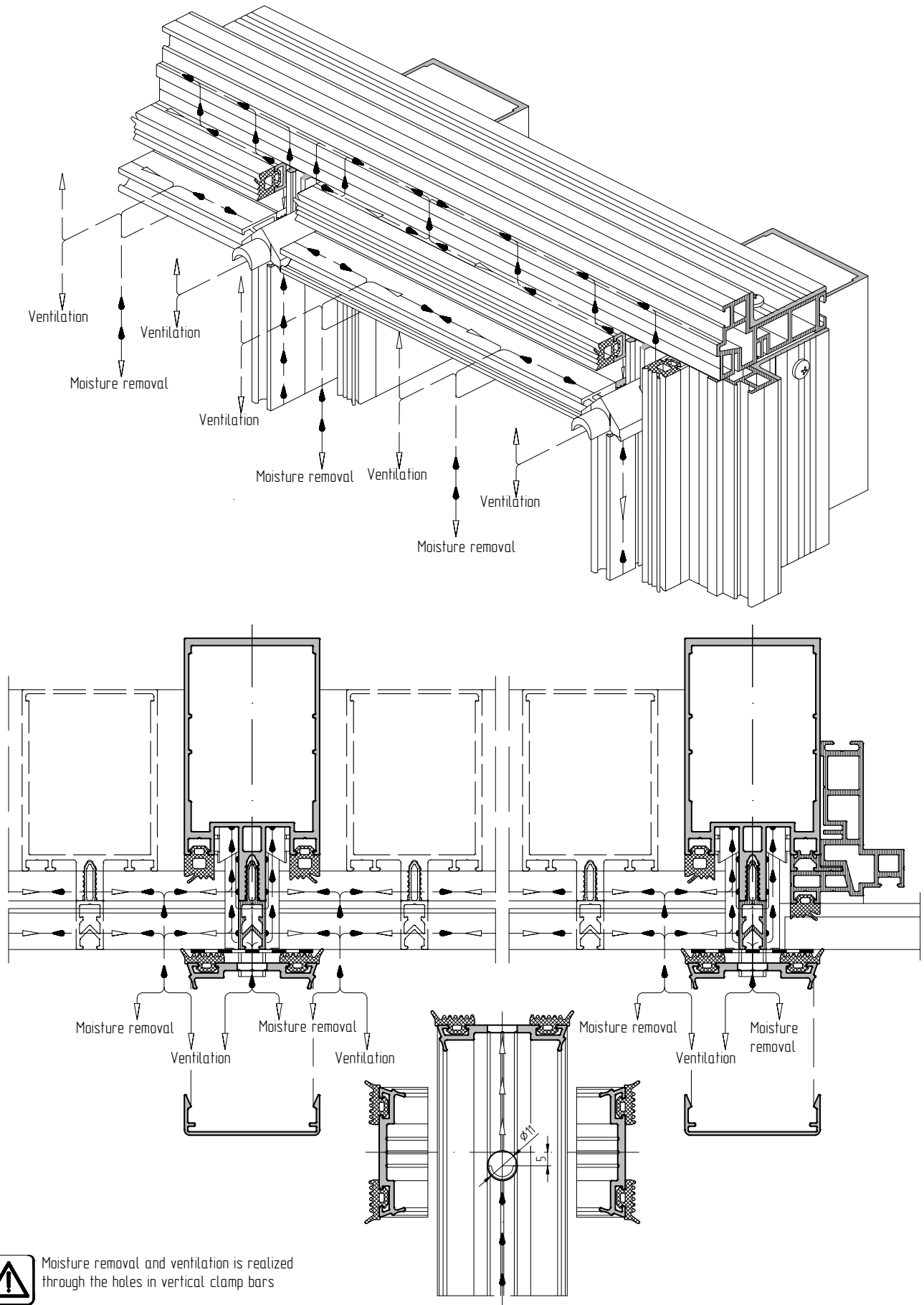
See section "Machining and assembly" of ALT F50 catalogue for the detailed scheme of a AYPC.F50.0928 (AYPC.F50.0998) drip cap machining and installation

See section "Machining and assembly" of ALT F50 catalogue for detailed process of machining of horizontal decorative caps and clamp bars




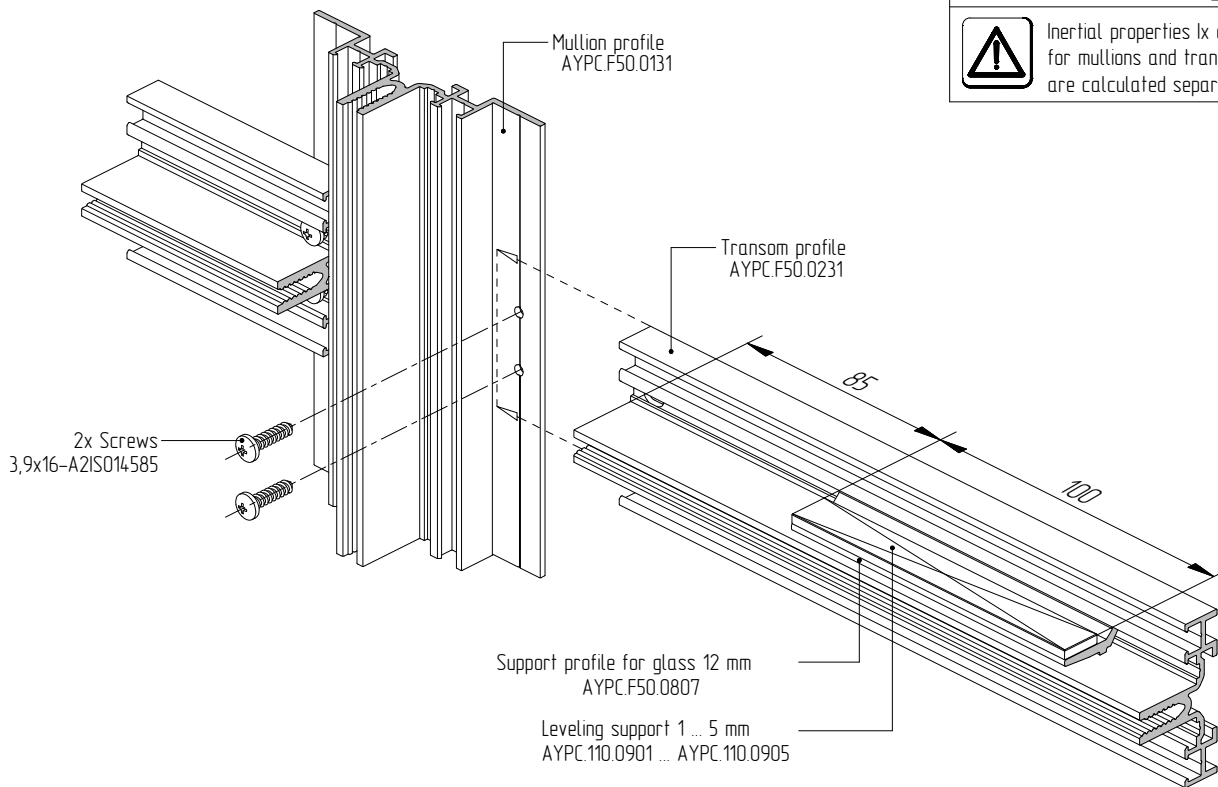
To ensure moisture removal and ventilation of the glass unit rebate, AYPC.F50.0928 (AYPC.F50.0998) drip caps should be installed on the mullions at the intersection of the upper and lower transom axes of the "hot" section of the structure

Scheme of ventilation and moisture removal from the rebate area of the glass unit for the straight translucent part of the curtain wall "hot" area

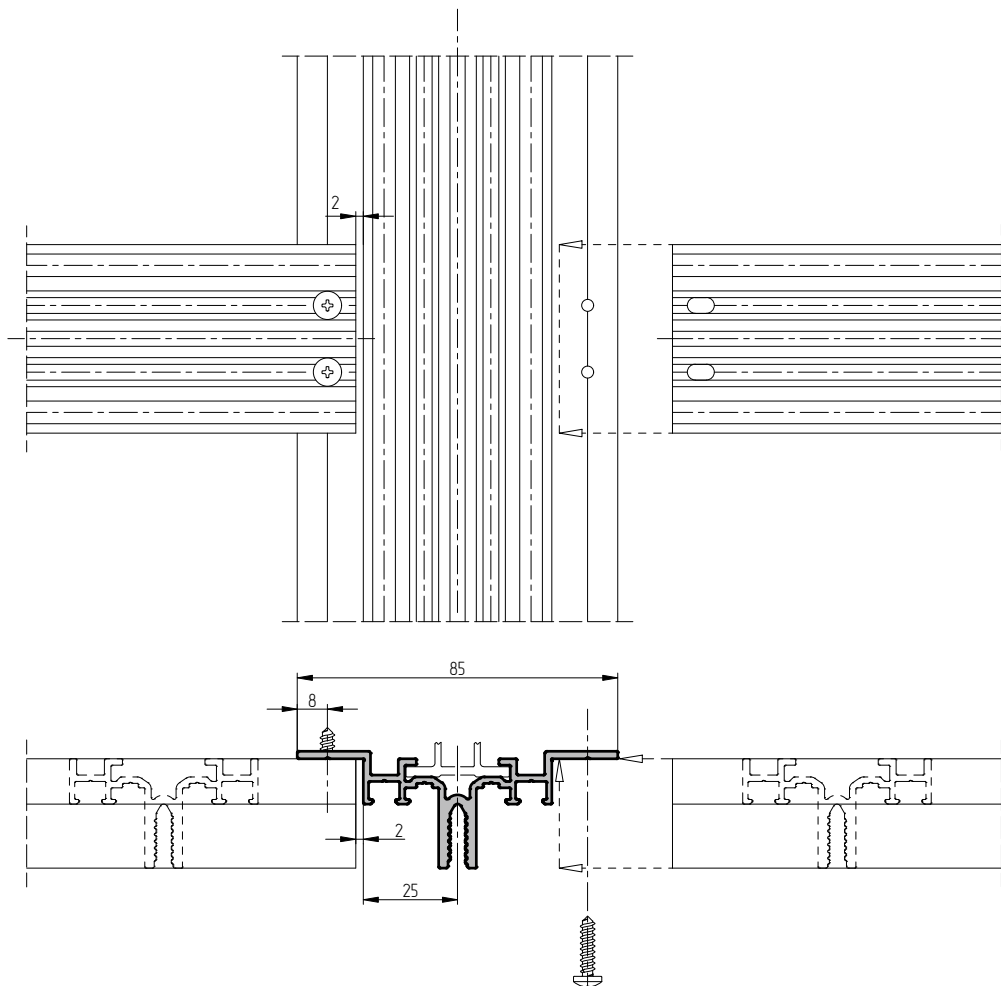


Mullion and transom profiles overlap

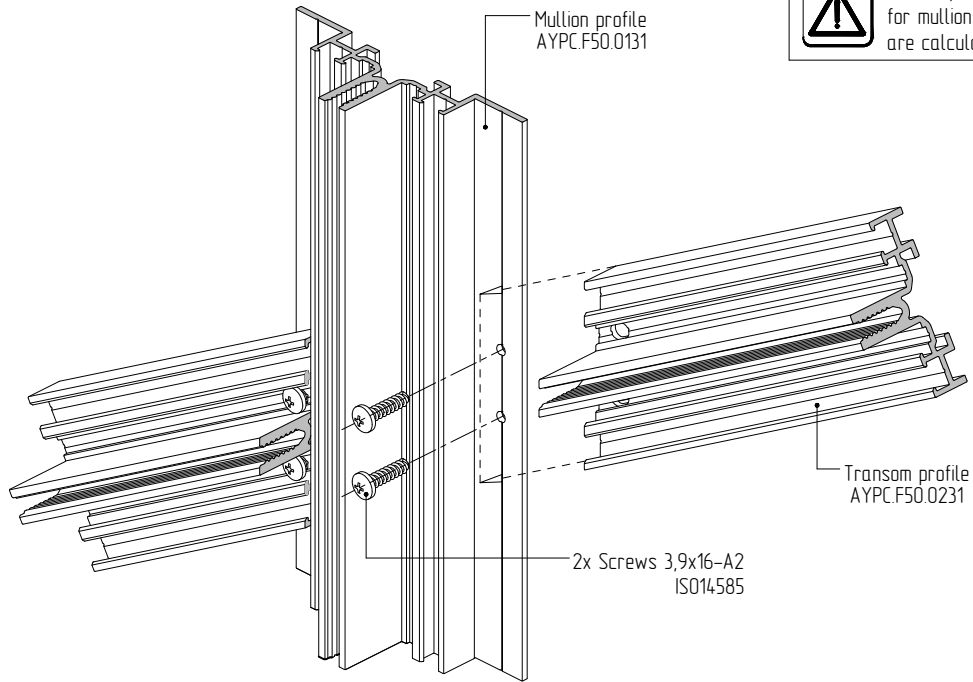
Max. transom load 100 kg	
50 kg	50 kg
 Inertial properties I_x and I_y for mullions and transoms are calculated separately	



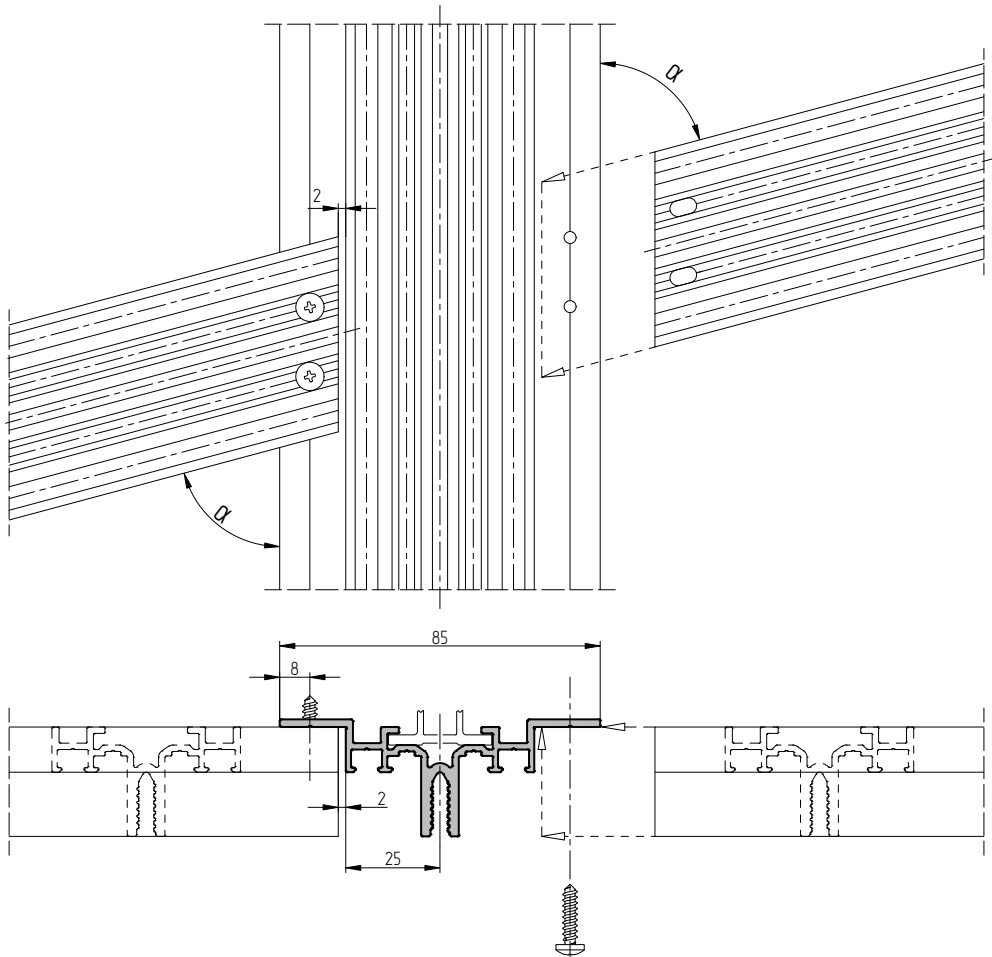
Transoms are connected perpendicular to the mullions




Mullion and transom profiles overlap

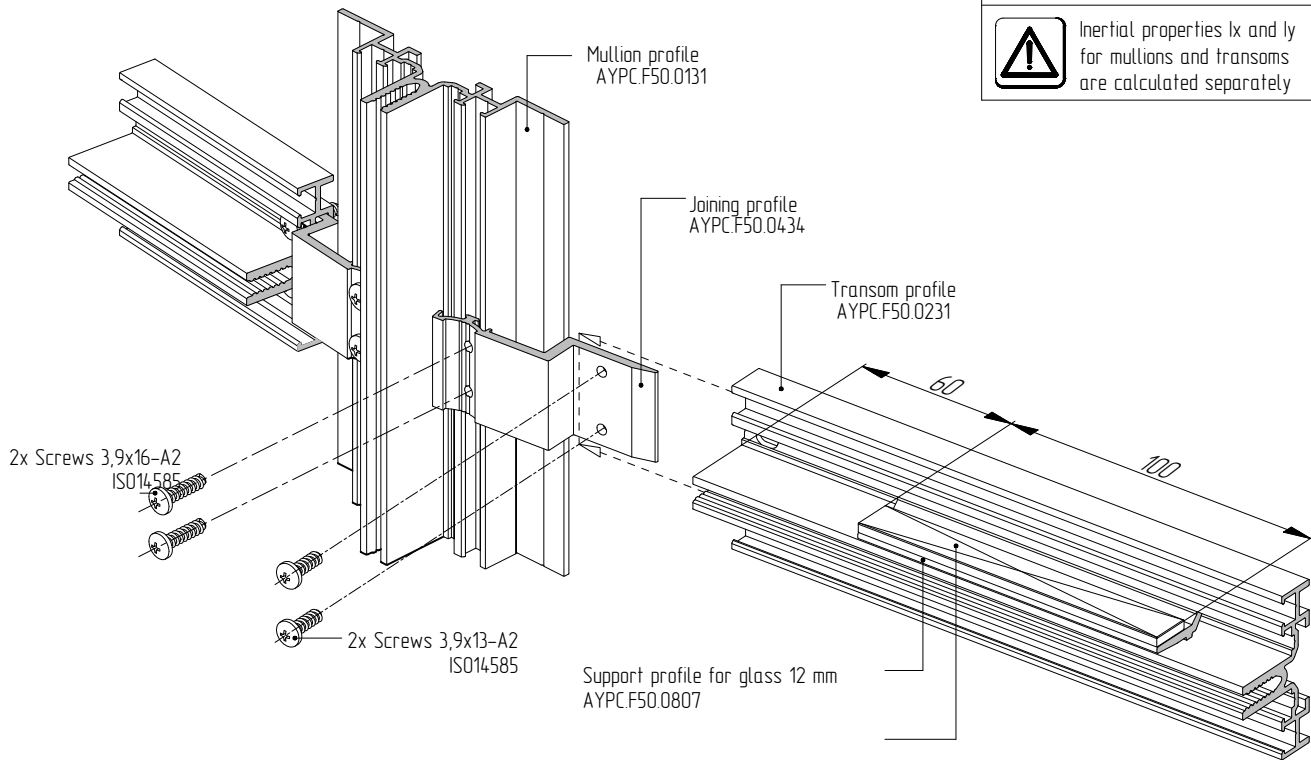


The transoms are connected at an arbitrary angle to the mullions in the glazing plane

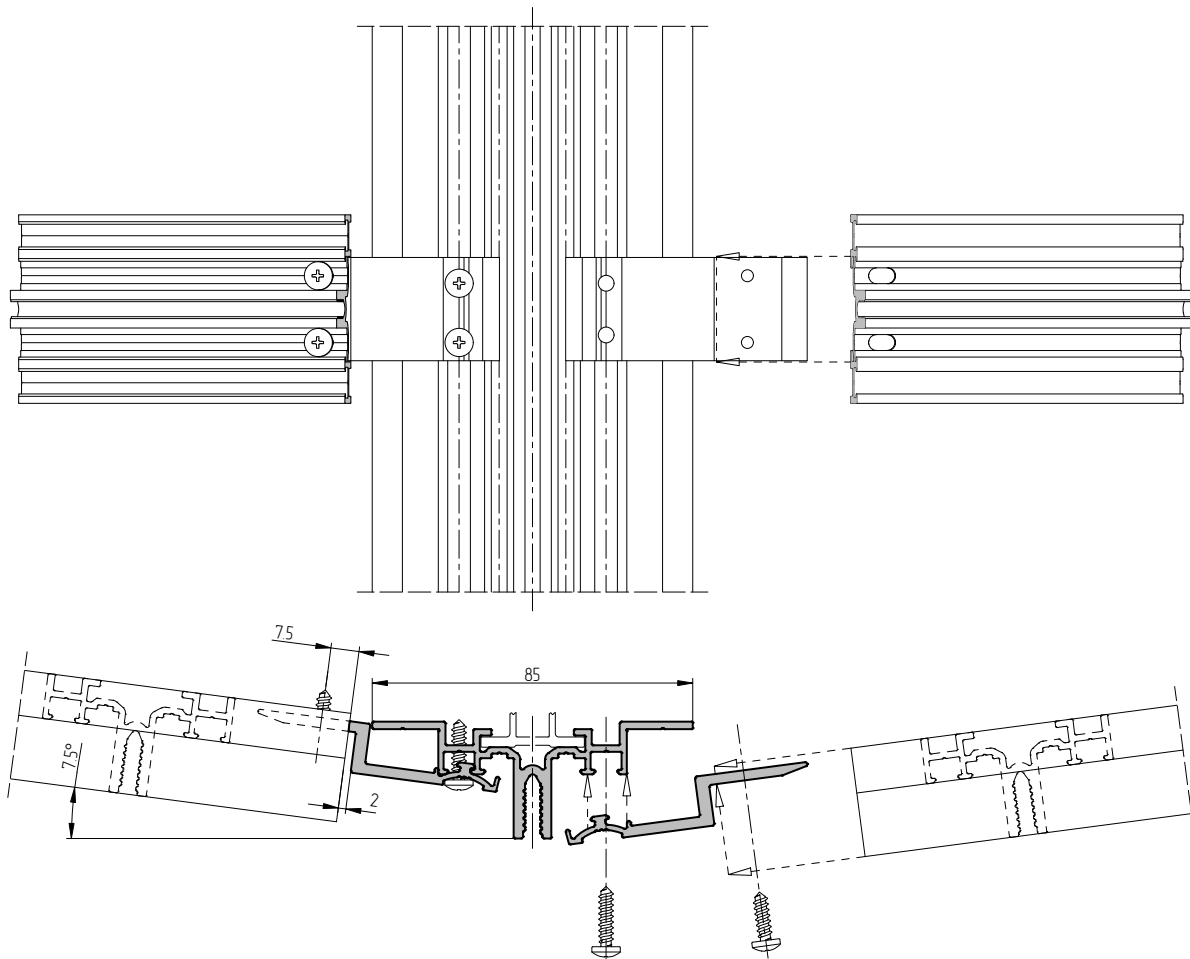


Connection of mullion and transom profiles at an angle of up to +7.5° in plan view


Max. transom load 100 kg	
50 kg	50 kg
 Inertial properties I_x and I_y for mullions and transoms are calculated separately	

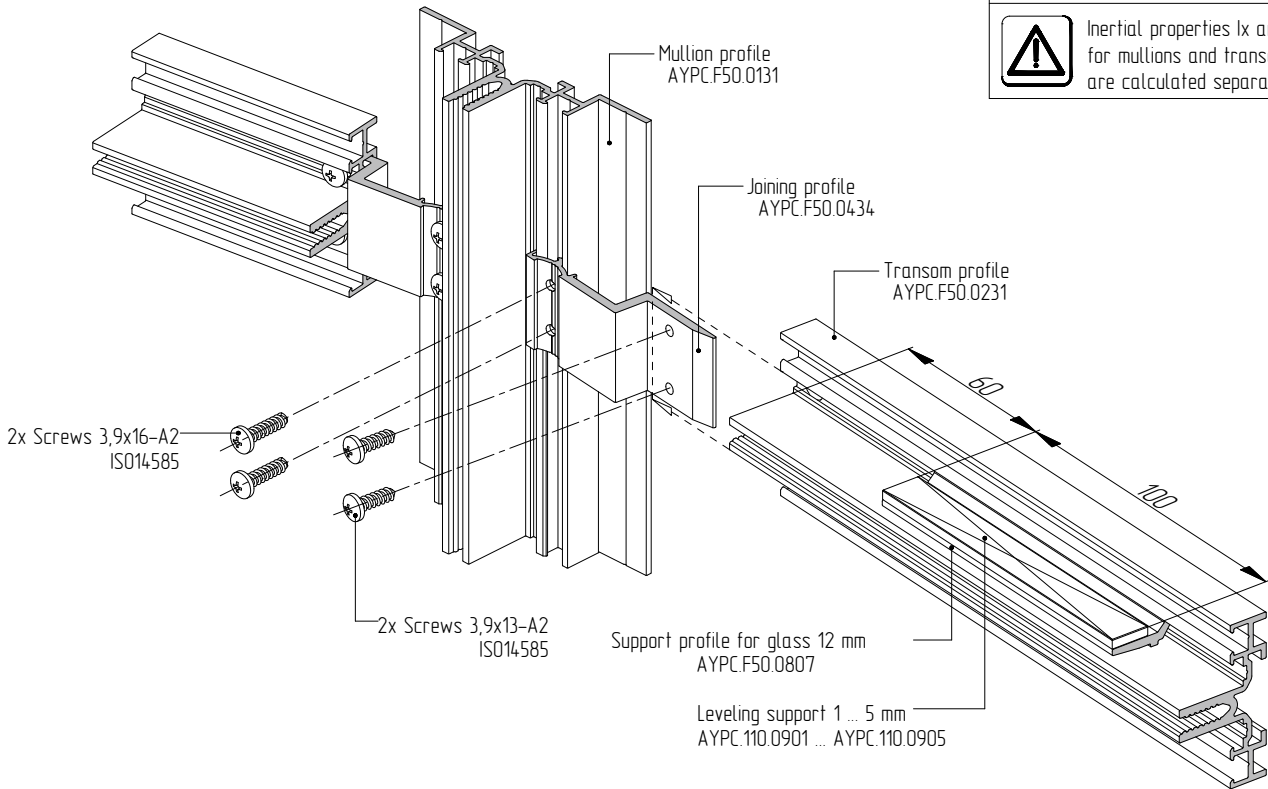


The transoms are connected to the mullions at an angle of +7.5° in plan view by means of AYPC.F50.0434 joining element

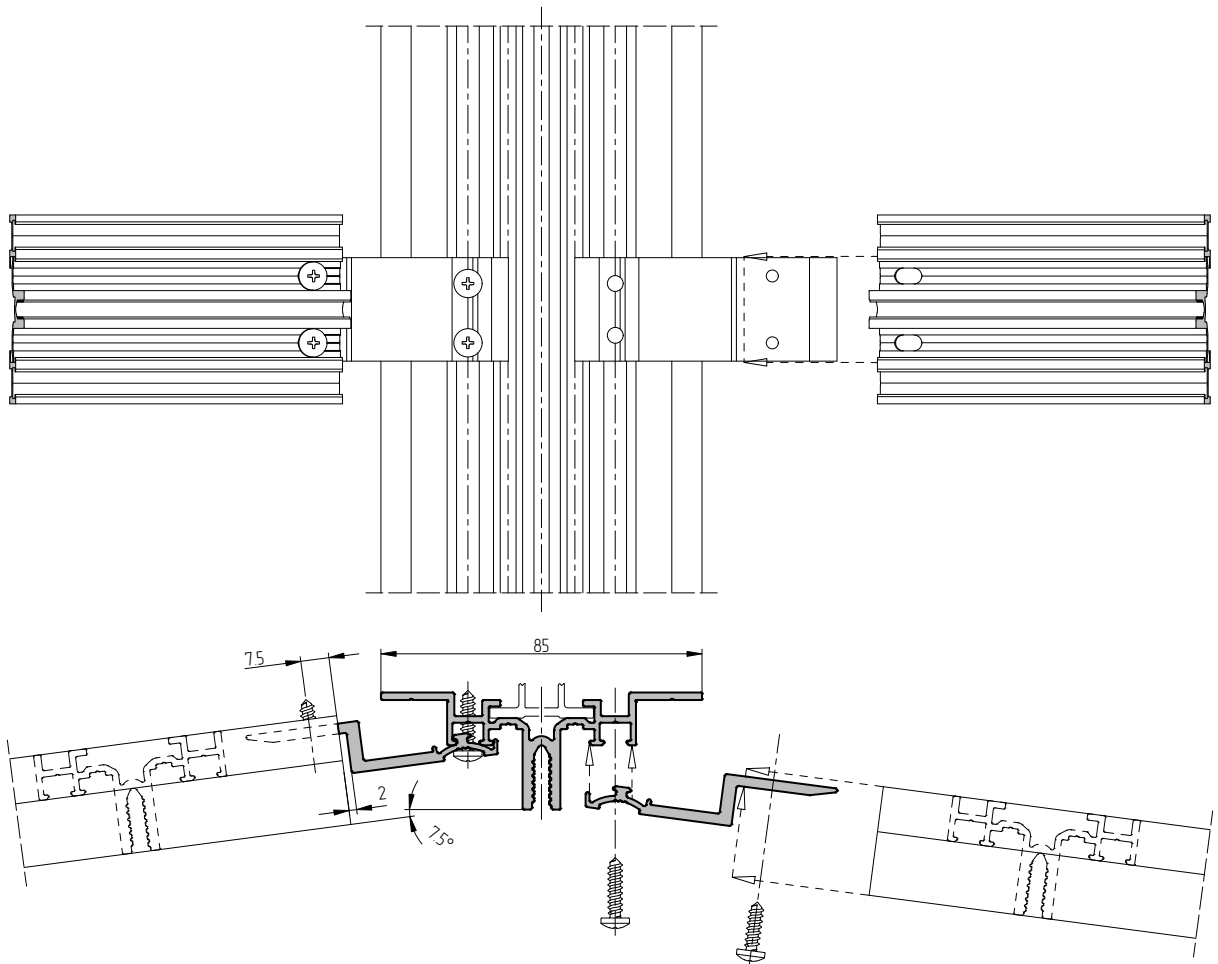


Connection of mullion and transom profiles at an angle of up to +7.5° in plan view

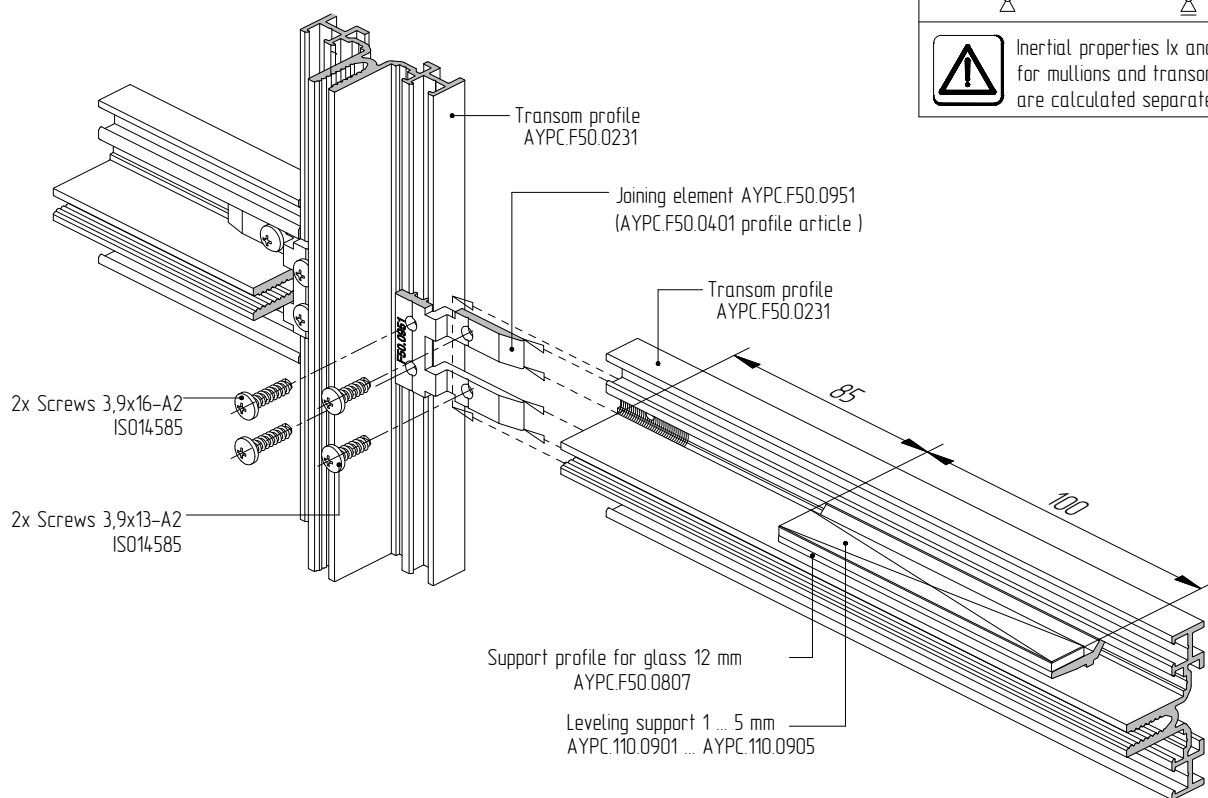
Max. transom load 100 kg	
50 kg	50 kg
 Inertial properties Ix and Iy for mullions and transoms are calculated separately	



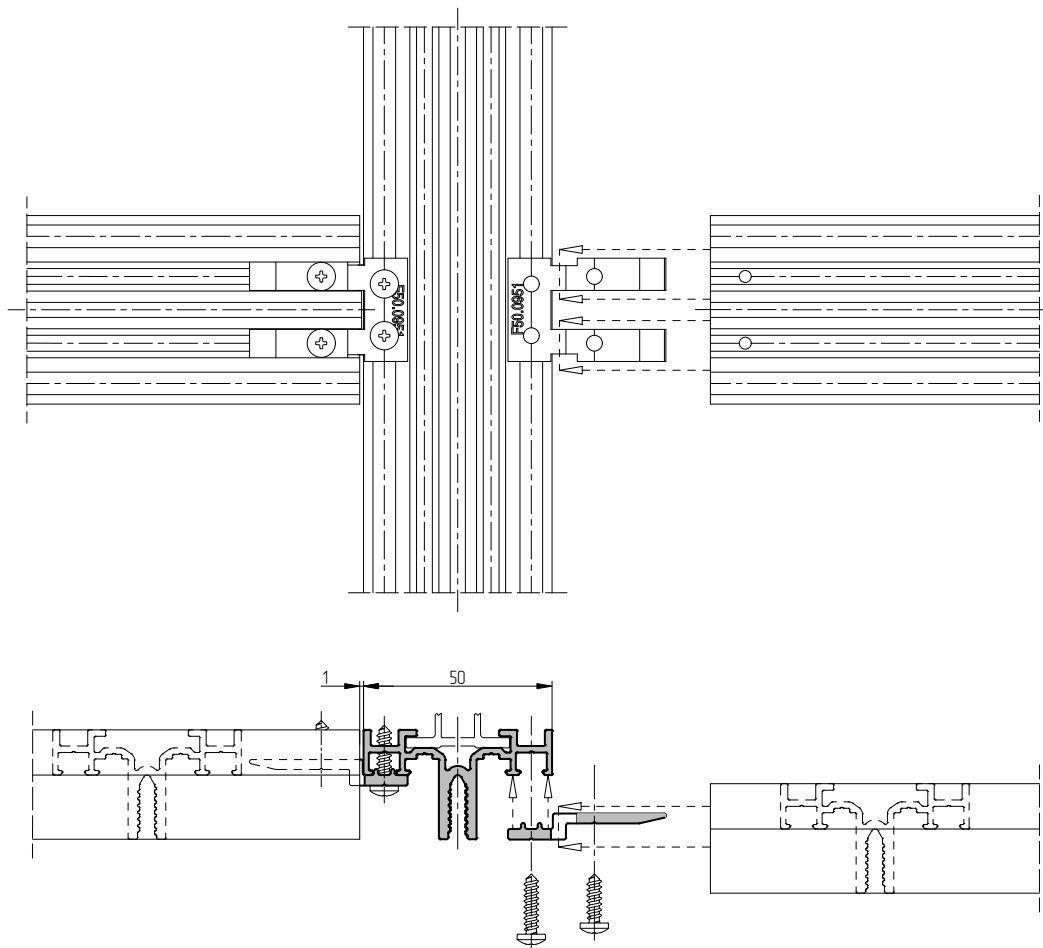
The transoms are connected to the mullions at an angle of +7.5° in plan view by means of AYPC.F50.0434 joining element



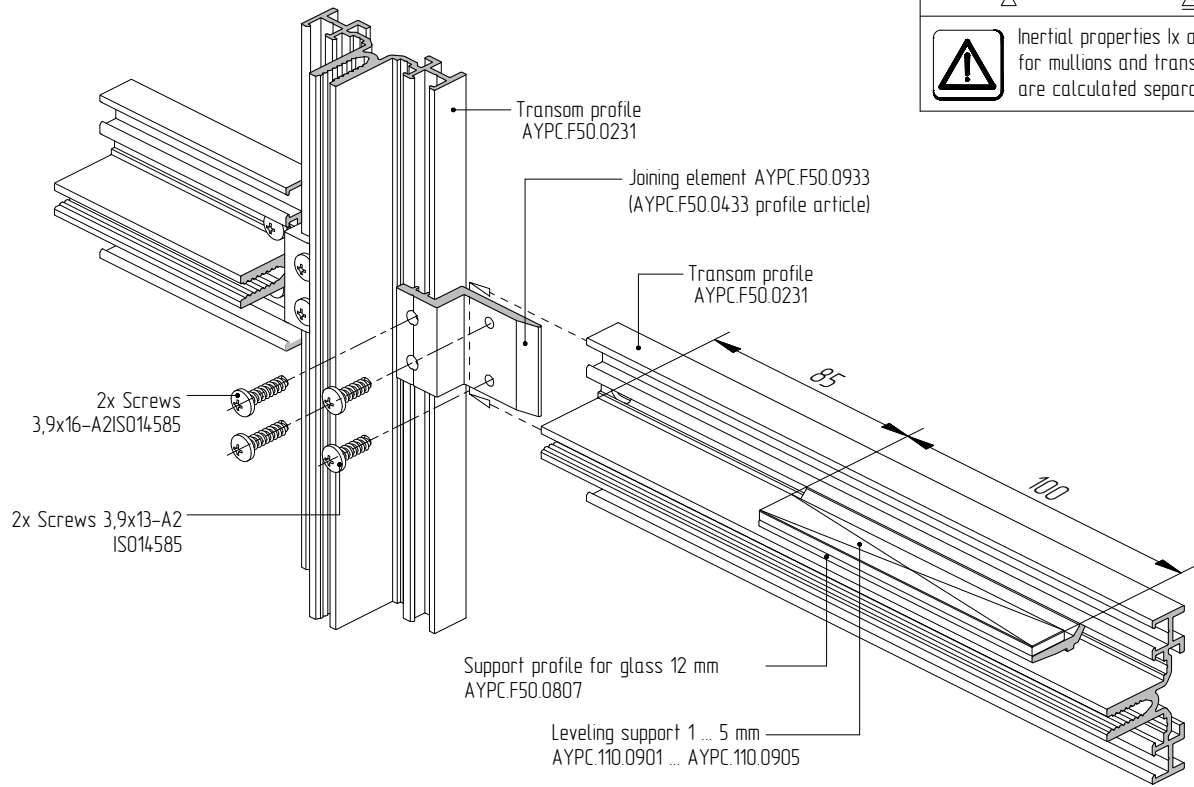
Connection of transom profiles to each other




Connection of transoms by means of AYPC.F50.0951 joining element (AYPC.F50.0401 profile article)

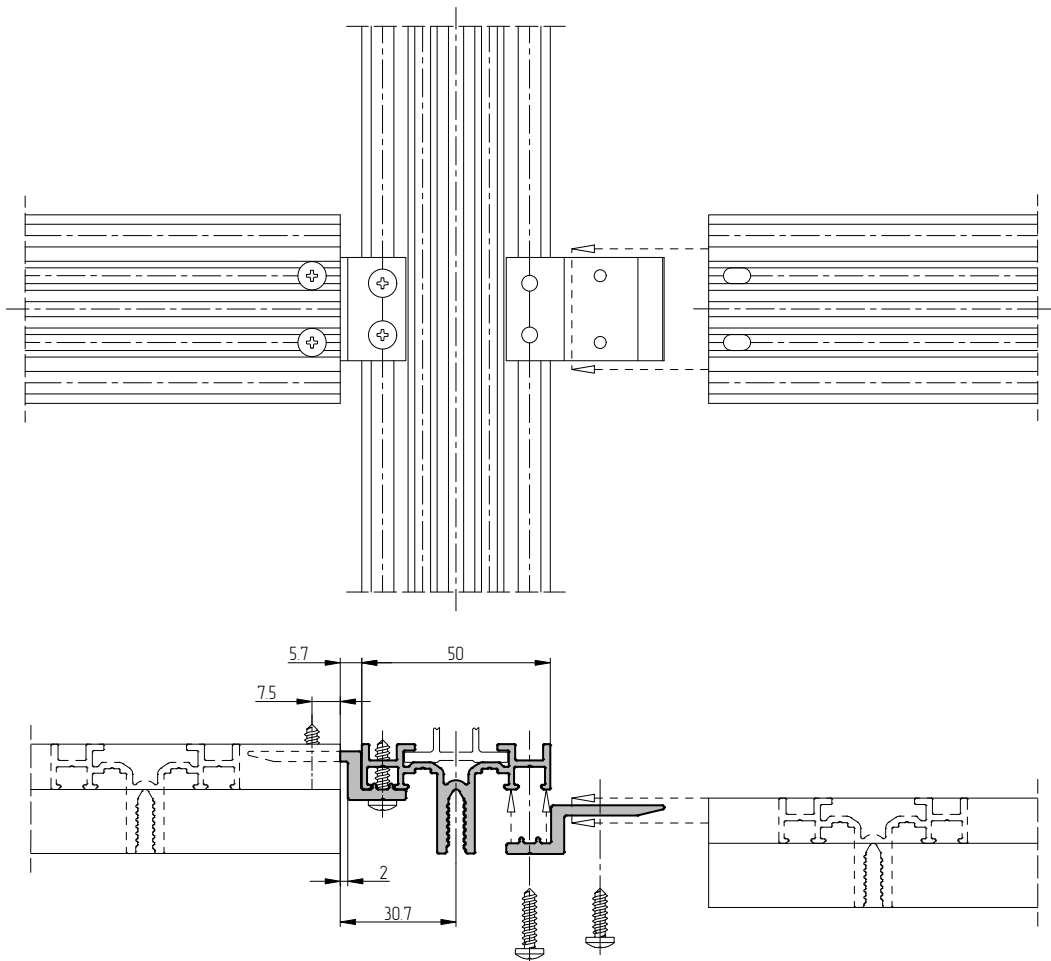


Connection of transom profiles to each other



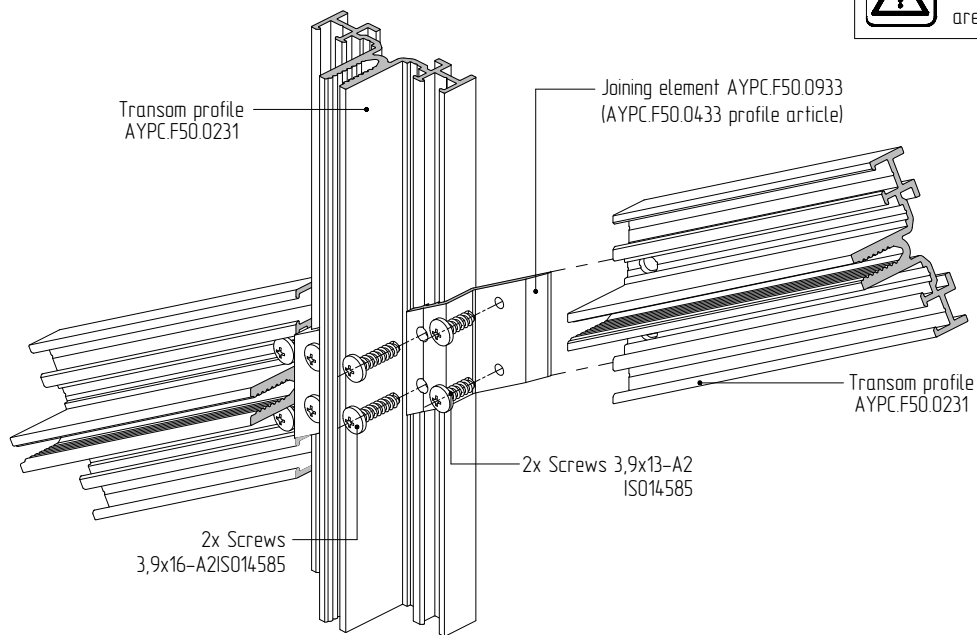
Max. transom load 100 kg	
50 kg	50 kg
 Inertial properties Ix and Iy for Mullions and transoms are calculated separately	

Connection of transoms by means of AYPC.F50.0933 joining element (AYPC.F50.0433 profile article)

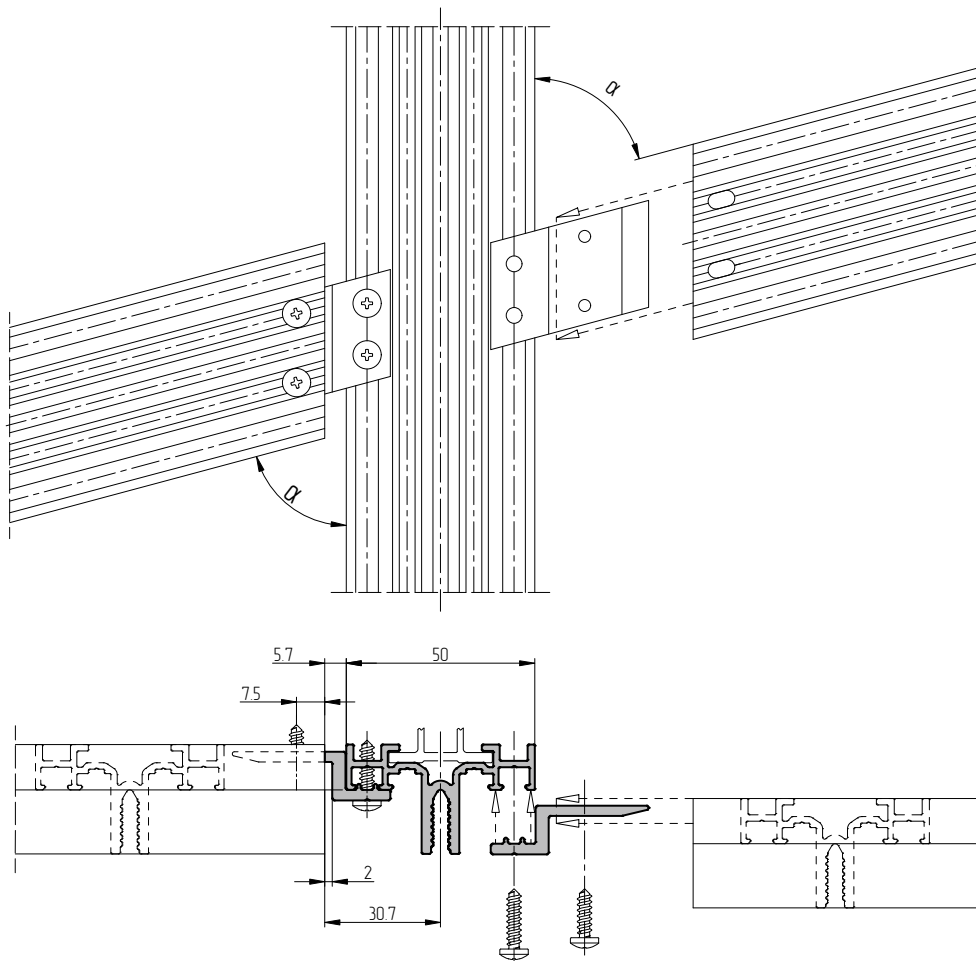


Connection of transom profiles at an arbitrary angle in the glazing plane


Max.transom load 100 kg	
50 kg	50 kg
	Inertial properties I_x and I_y for mullions and transoms are calculated separately

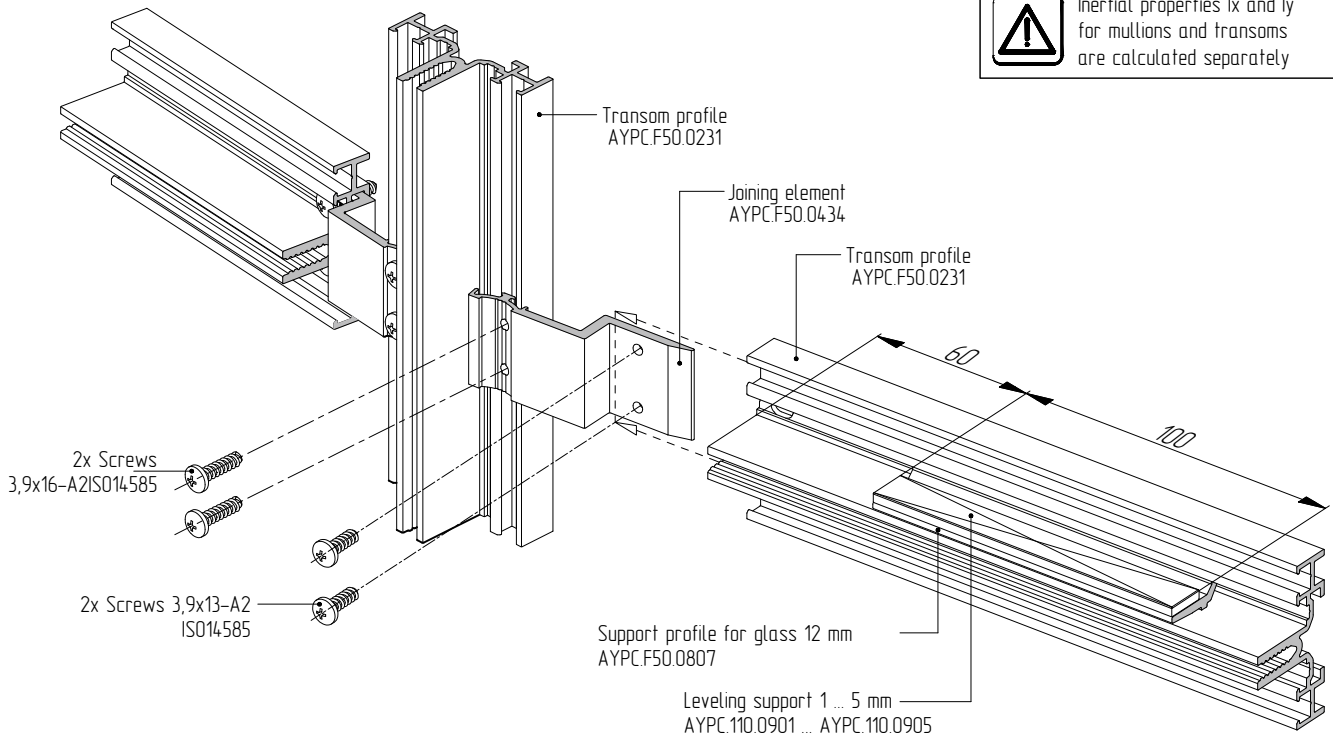


Connection of transoms by means of AYPC.F50.0933 joining element (AYPC.F50.0433 profile article)

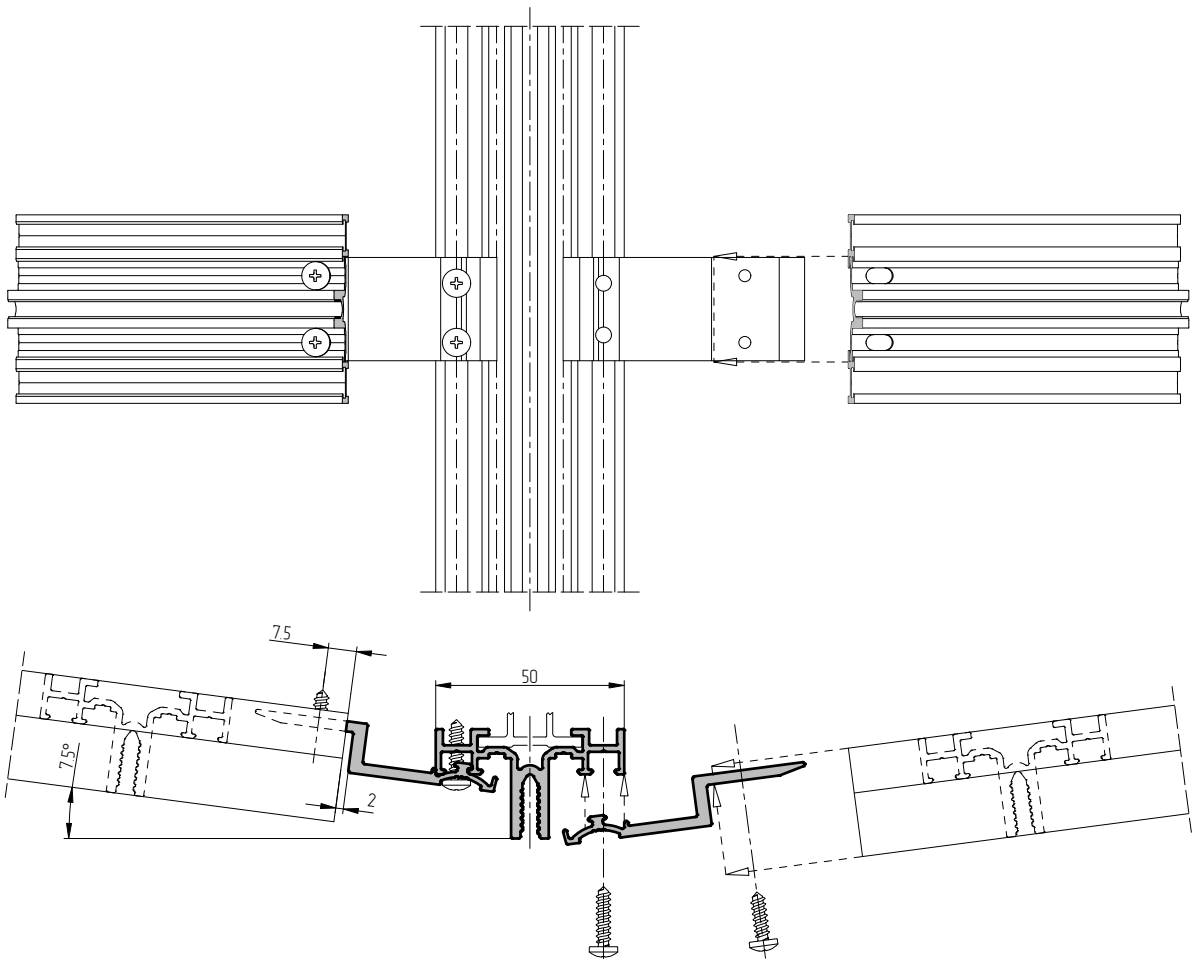


Connection of transom profiles to each other at an angle of up to $+7.5^\circ$ in plan view

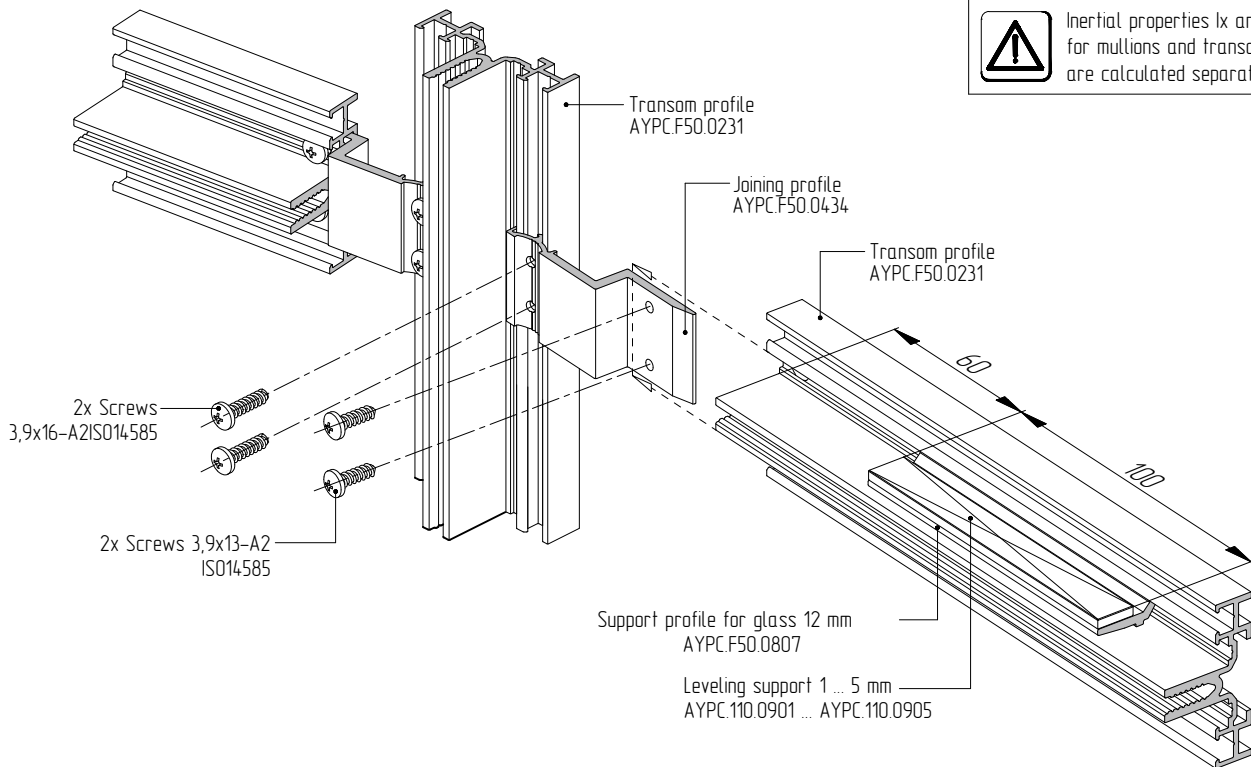
Max.transom load 100 kg	
50 kg	50 kg
 Inertial properties I_x and I_y for mullions and transoms are calculated separately	



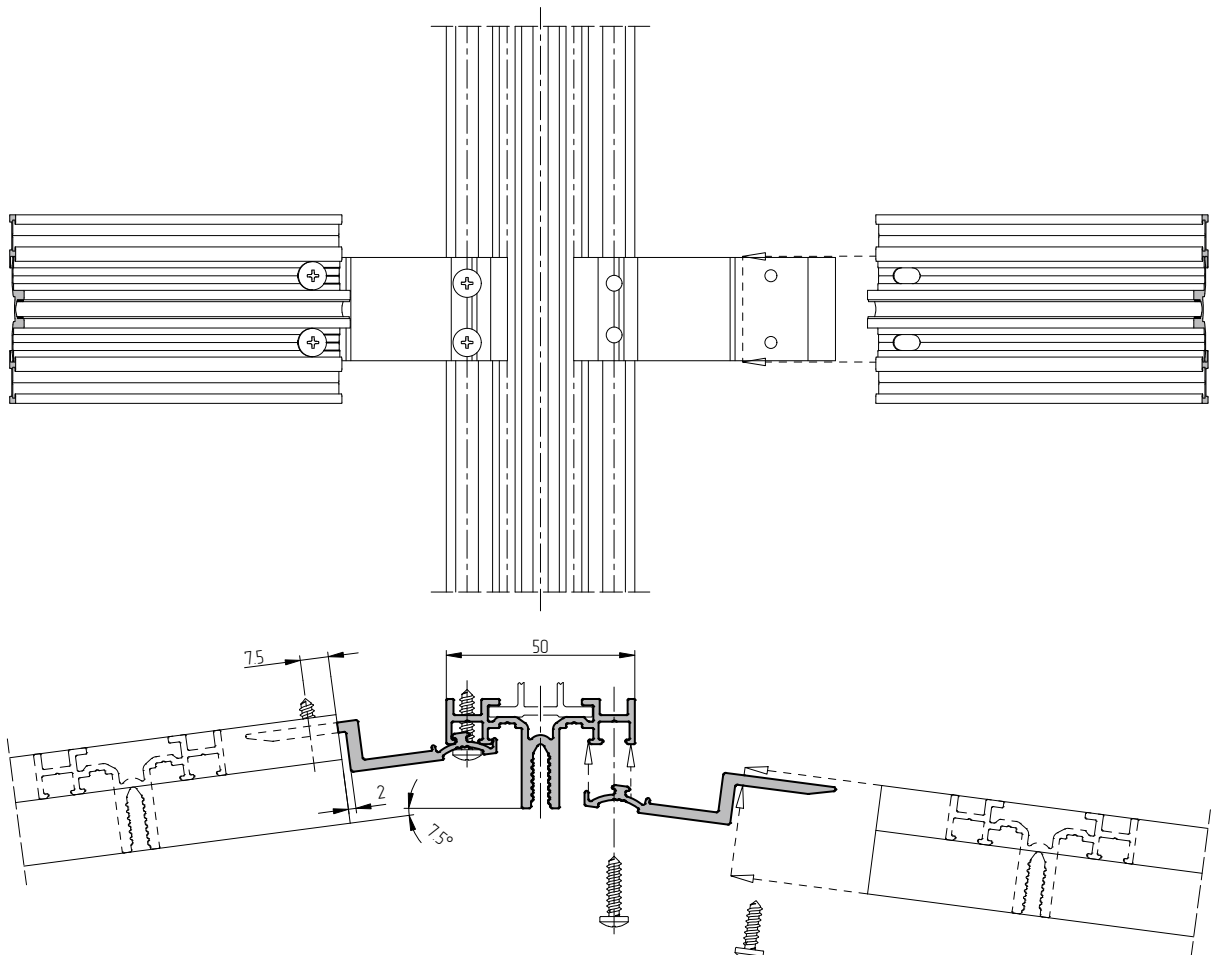
The transoms are connected to the mullions at an angle of $+7.5^\circ$ in plan view by means of AYPC.F50.0434 joining element



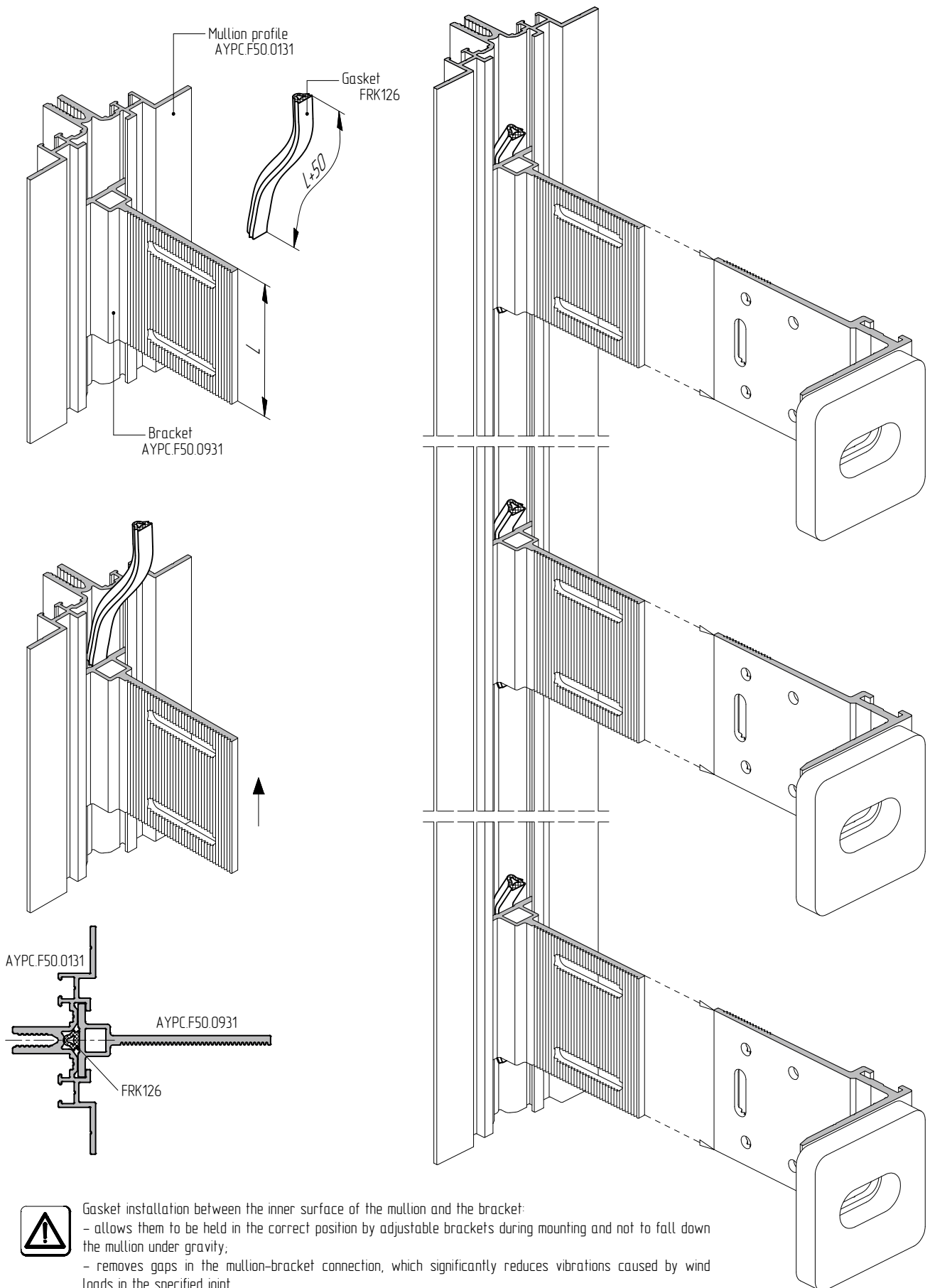
Connection of transom profiles to each other at an angle of up to 7.5° in plan view



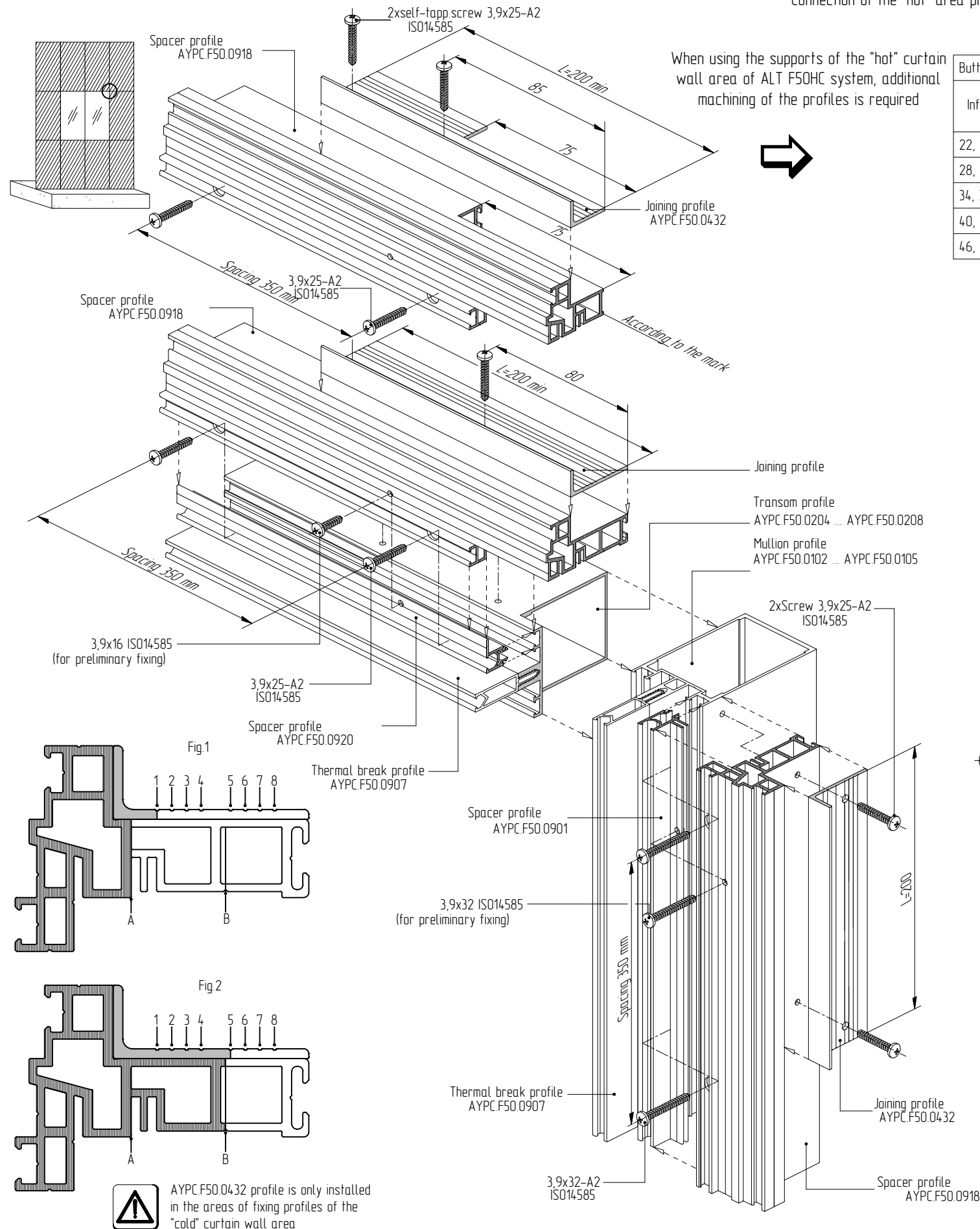
The transoms are connected to the mullions at an angle of +7.5° in plan view by means of AYPC.F50.0434 joining element



Application of FRK126 gasket in connections of mullion profiles with a bracket



Connection of the "hot" area profiles of the curtain wall at the upper corner

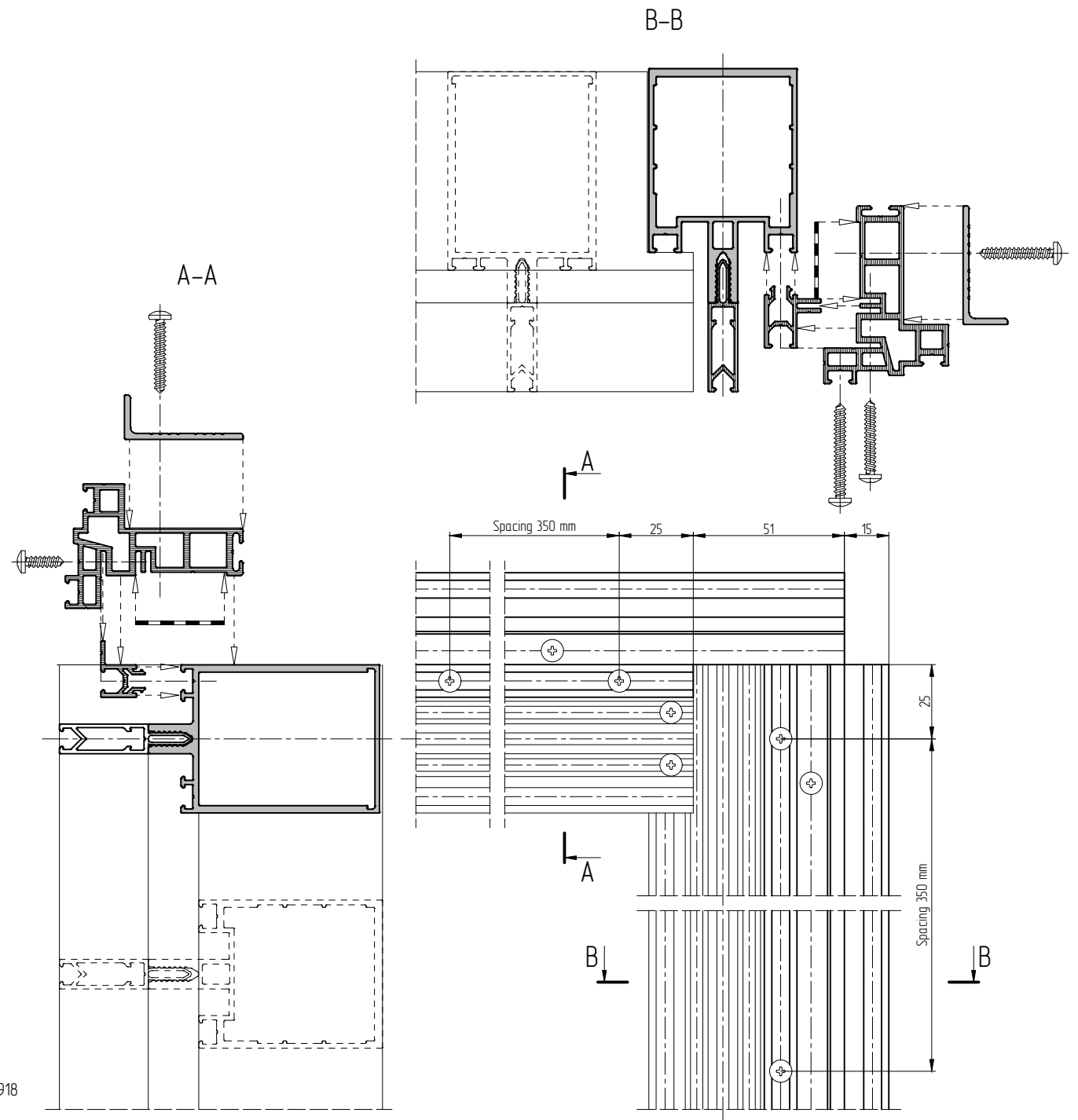


Butt joint between the "cold" and "hot" areas of the curtain wall

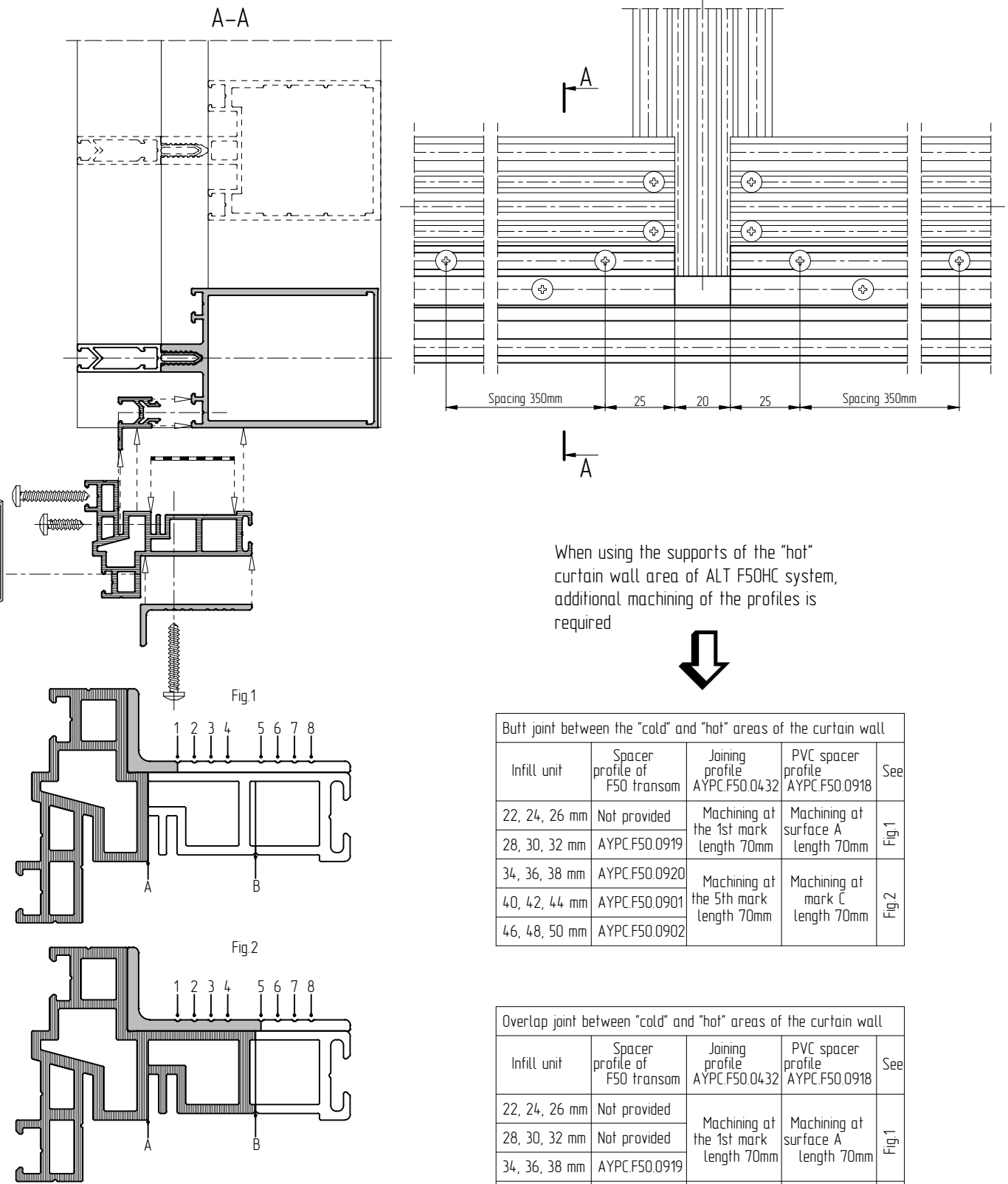
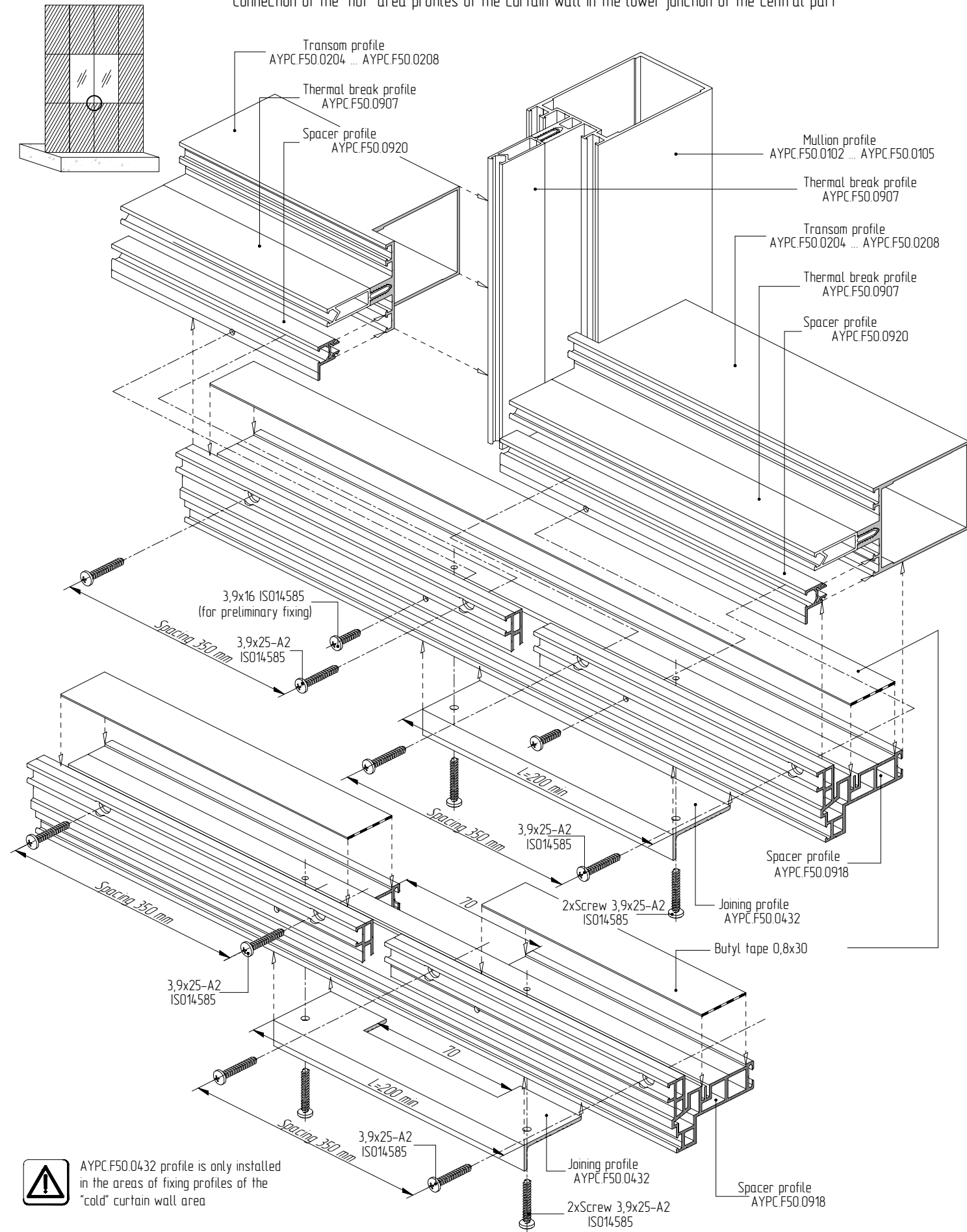
Infill unit	Spacer profile of F50 transom	Joining profile AYPC.F50.0432	PVC spacer profile AYPC.F50.0918	See
22, 24, 26 mm	Not provided	Machining at the 1st mark length 75mm	Machining at surface A length 75mm	Fig1
28, 30, 32 mm	AYPC.F50.0919	Machining at the 5th mark length 75mm	Machining at mark C length 75mm	Fig2
34, 36, 38 mm	AYPC.F50.0920			
40, 42, 44 mm	AYPC.F50.0901			
46, 48, 50 mm	AYPC.F50.0902			

Overlap joint between "cold" and "hot" areas of the curtain wall

Infill unit	Spacer profile of F50 transom	Joining profile AYPC.F50.0432	PVC spacer profile AYPC.F50.0918	See
22, 24, 26 mm	Not provided	Machining at the 1st mark length 75mm	Machining at surface A length 75mm	Fig1
28, 30, 32 mm	Not provided			
34, 36, 38 mm	AYPC.F50.0919	Machining at the 5th mark length 75mm	Machining at mark C length 75mm	Fig2
40, 42, 44 mm	AYPC.F50.0920			
46, 48, 50 mm	AYPC.F50.0901			



Connection of the "hot" area profiles of the curtain wall in the lower junction of the central part



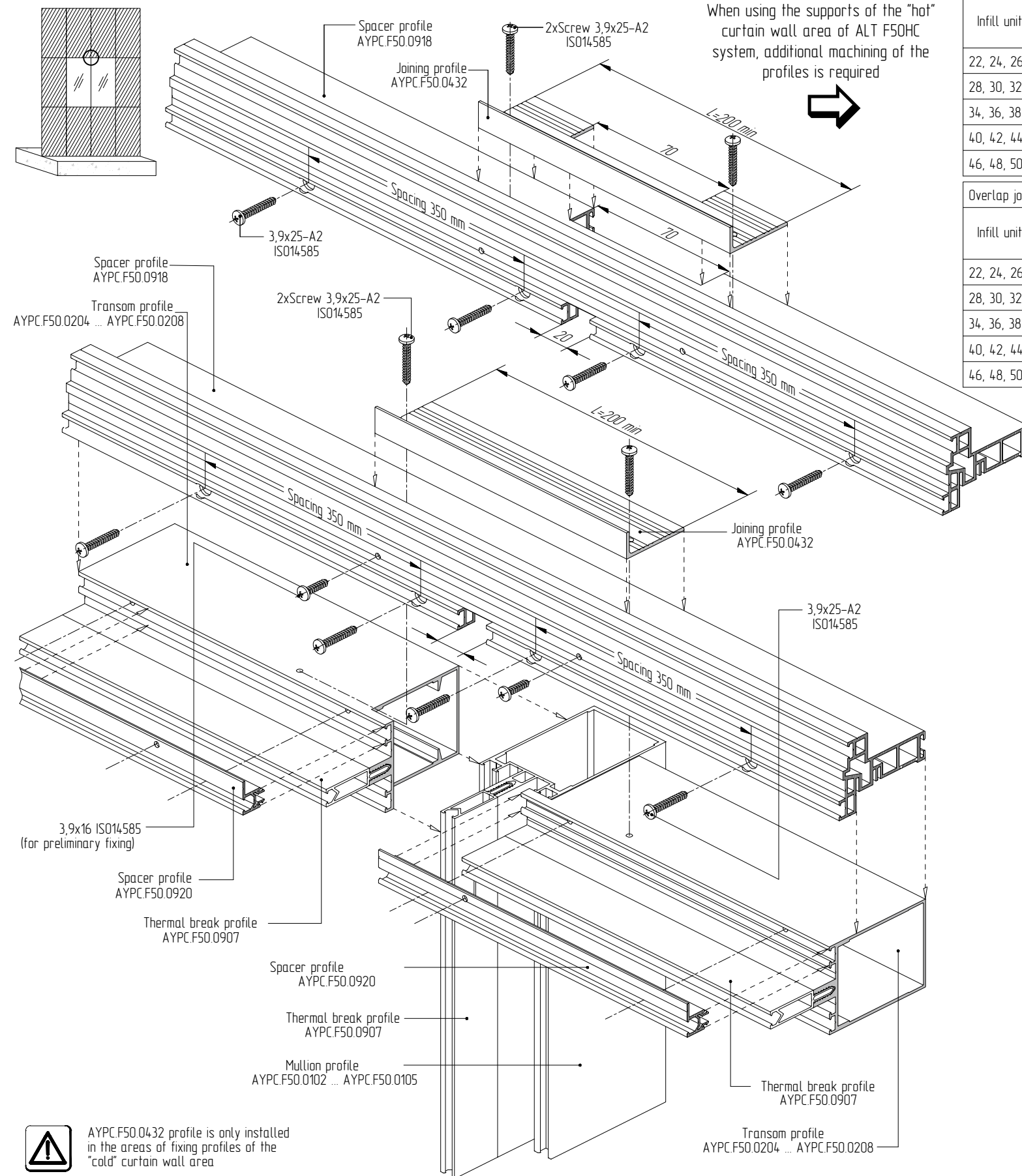
Butt joint between the "cold" and "hot" areas of the curtain wall

Infill unit	Spacer profile of F50 transom	Joining profile AYPC.F50.0432	PVC spacer profile AYPC.F50.0918	See
22, 24, 26 mm	Not provided	Machining at the 1st mark length 70mm	Machining at surface A length 70mm	Fig 1
28, 30, 32 mm	AYPC.F50.0919	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2
34, 36, 38 mm	AYPC.F50.0920	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2
40, 42, 44 mm	AYPC.F50.0901	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2
46, 48, 50 mm	AYPC.F50.0902	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2

Overlap joint between "cold" and "hot" areas of the curtain wall

Infill unit	Spacer profile of F50 transom	Joining profile AYPC.F50.0432	PVC spacer profile AYPC.F50.0918	See
22, 24, 26 mm	Not provided	Machining at the 1st mark length 70mm	Machining at surface A length 70mm	Fig 1
28, 30, 32 mm	Not provided	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2
34, 36, 38 mm	AYPC.F50.0919	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2
40, 42, 44 mm	AYPC.F50.0920	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2
46, 48, 50 mm	AYPC.F50.0901	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig 2

Connection of the "hot" area profiles of the curtain wall in the upper junction of the central part



AYPC.F50.0432 profile is only installed in the areas of fixing profiles of the "cold" curtain wall area

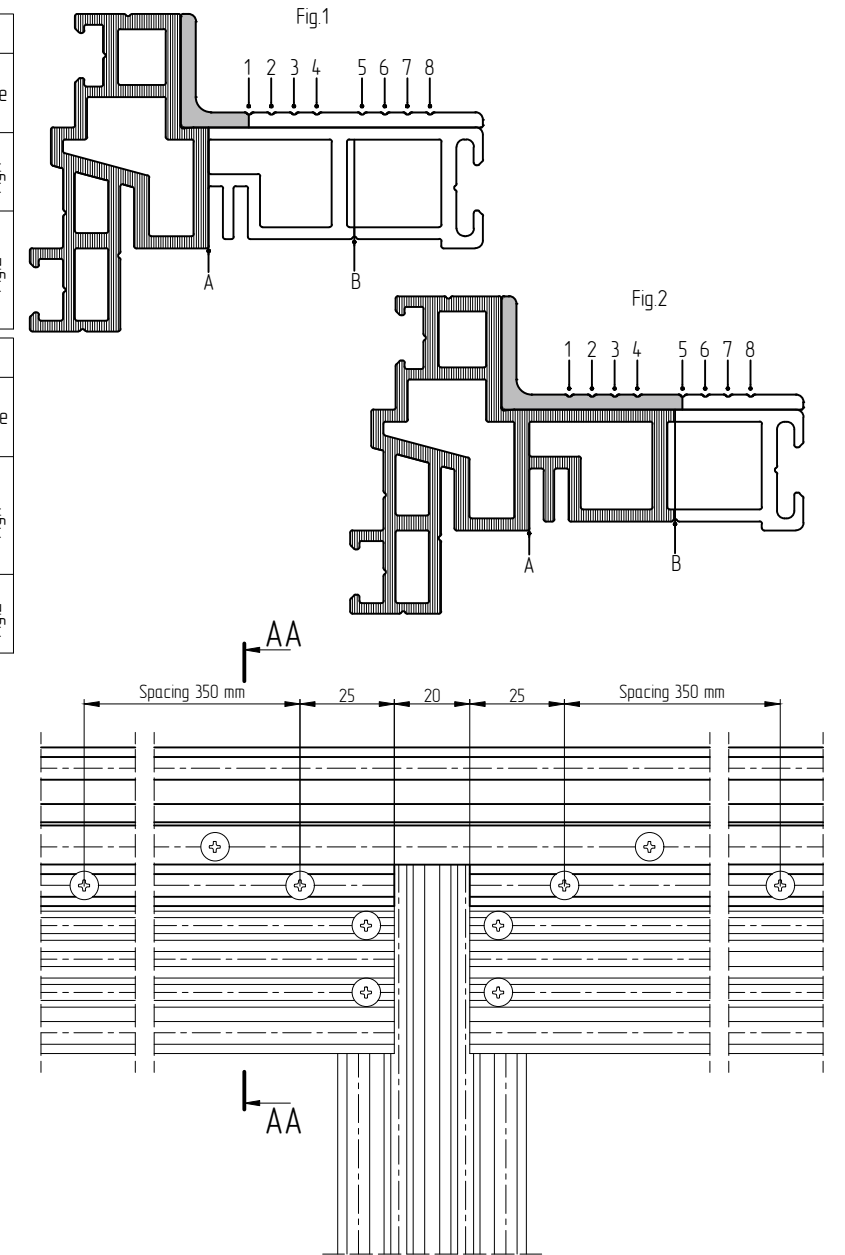
When using the supports of the "hot" curtain wall area of ALT F50HC system, additional machining of the profiles is required

Butt joint between the "cold" and "hot" areas of the curtain wall

Infill unit	Spacer profile of F50 transom	Joining profile AYPC.F50.0432	PVC spacer profile AYPC.F50.0918	See
22, 24, 26 mm	Not provided	Machining at the 1st mark length 70mm	Machining at surface A length 70mm	Fig1
28, 30, 32 mm	AYPC.F50.0919			Fig1
34, 36, 38 mm	AYPC.F50.0920			Fig2
40, 42, 44 mm	AYPC.F50.0901	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig2
46, 48, 50 mm	AYPC.F50.0902			

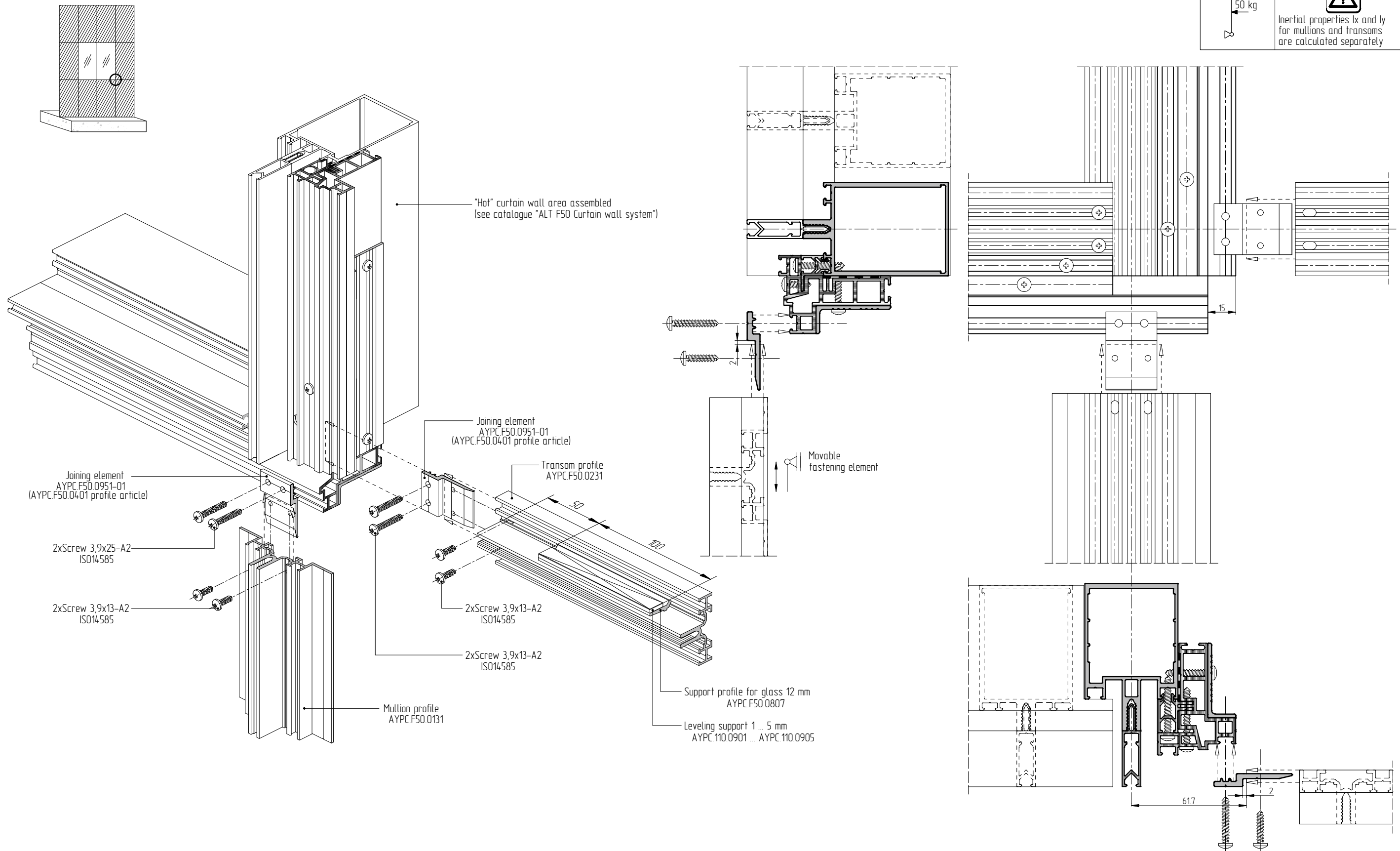
Overlap joint between "cold" and "hot" areas of the curtain wall

Infill unit	Spacer profile of F50 transom	Joining profile AYPC.F50.0432	PVC spacer profile AYPC.F50.0918	See
22, 24, 26 mm	Not provided	Machining at the 1st mark length 70 mm	Machining at surface A length 70 mm	Fig1
28, 30, 32 mm	Not provided			Fig1
34, 36, 38 mm	AYPC.F50.0919			Fig1
40, 42, 44 mm	AYPC.F50.0920	Machining at the 5th mark length 70mm	Machining at mark C length 70mm	Fig2
46, 48, 50 mm	AYPC.F50.0901			



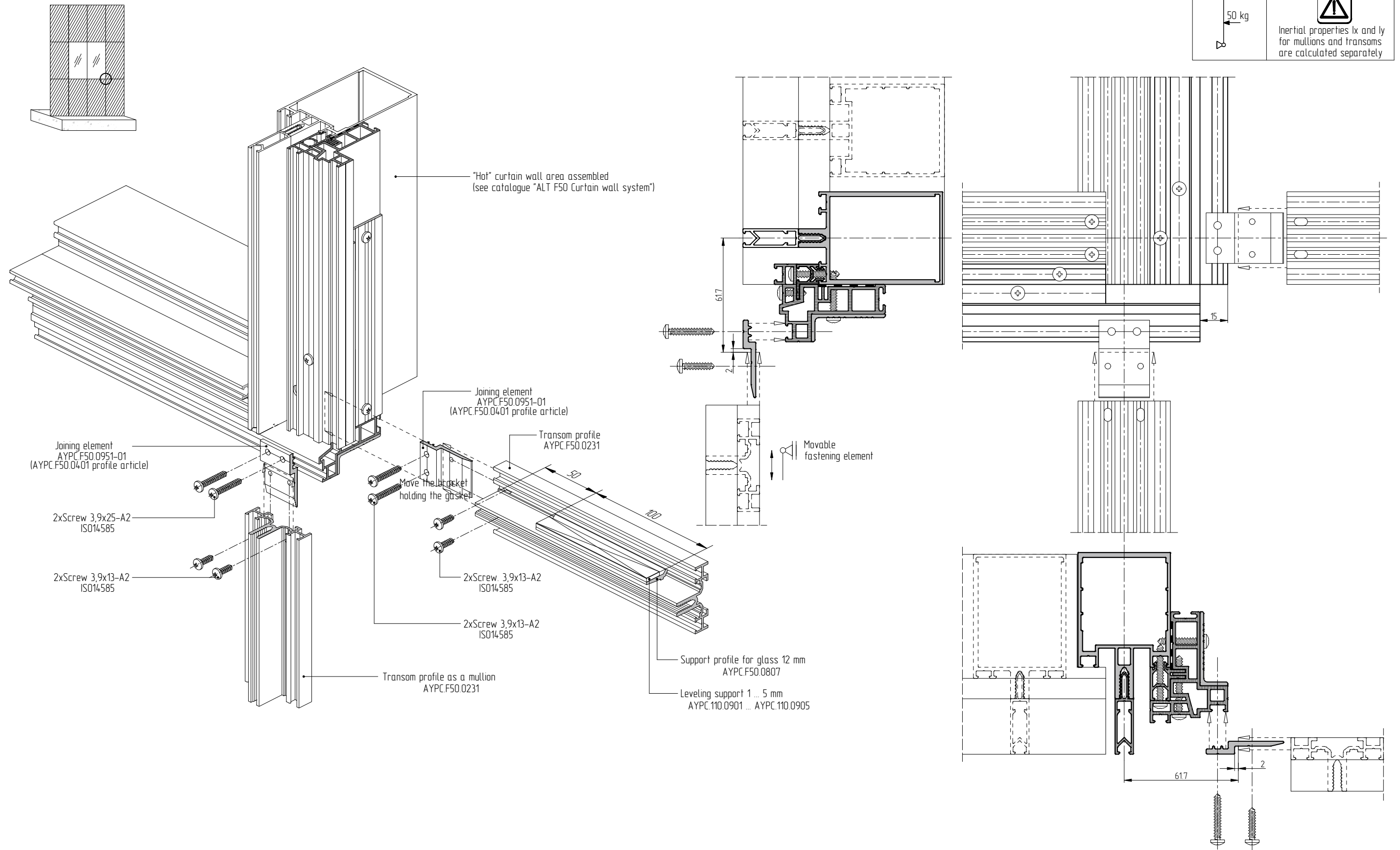
Butt joint between "hot" and "cold" areas of the curtain wall using the example of the bottom corner connection (the vertical profile fastening element of the "cold" area of the curtain wall is movable)

Max. load	
mullion 100kg	transom 100 kg
Inertial properties Ix and Iy for mullions and transoms are calculated separately	

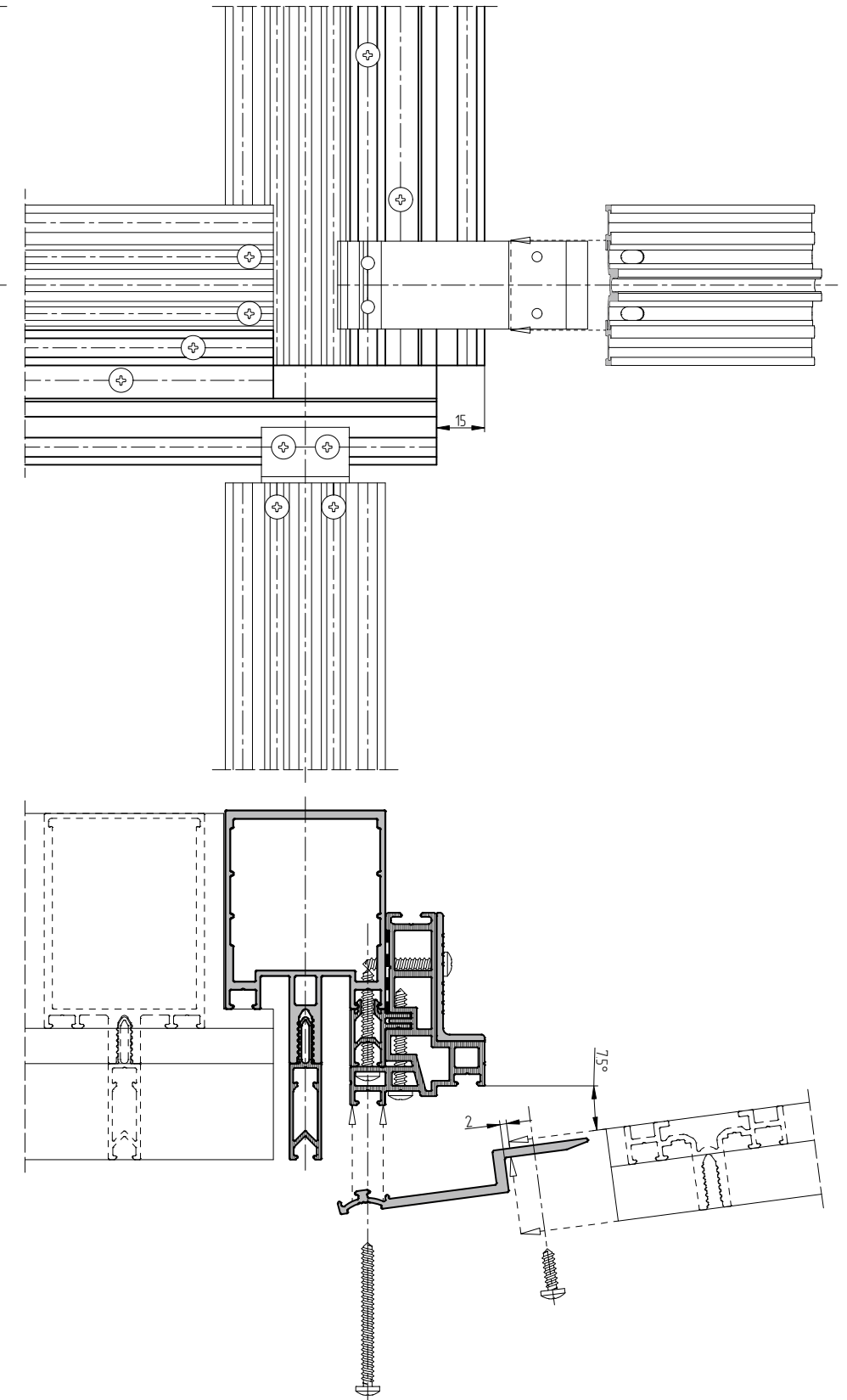
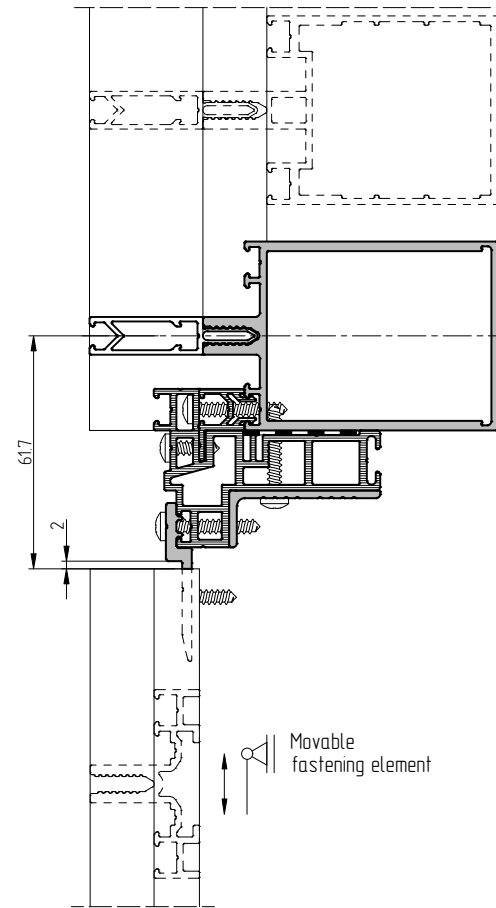
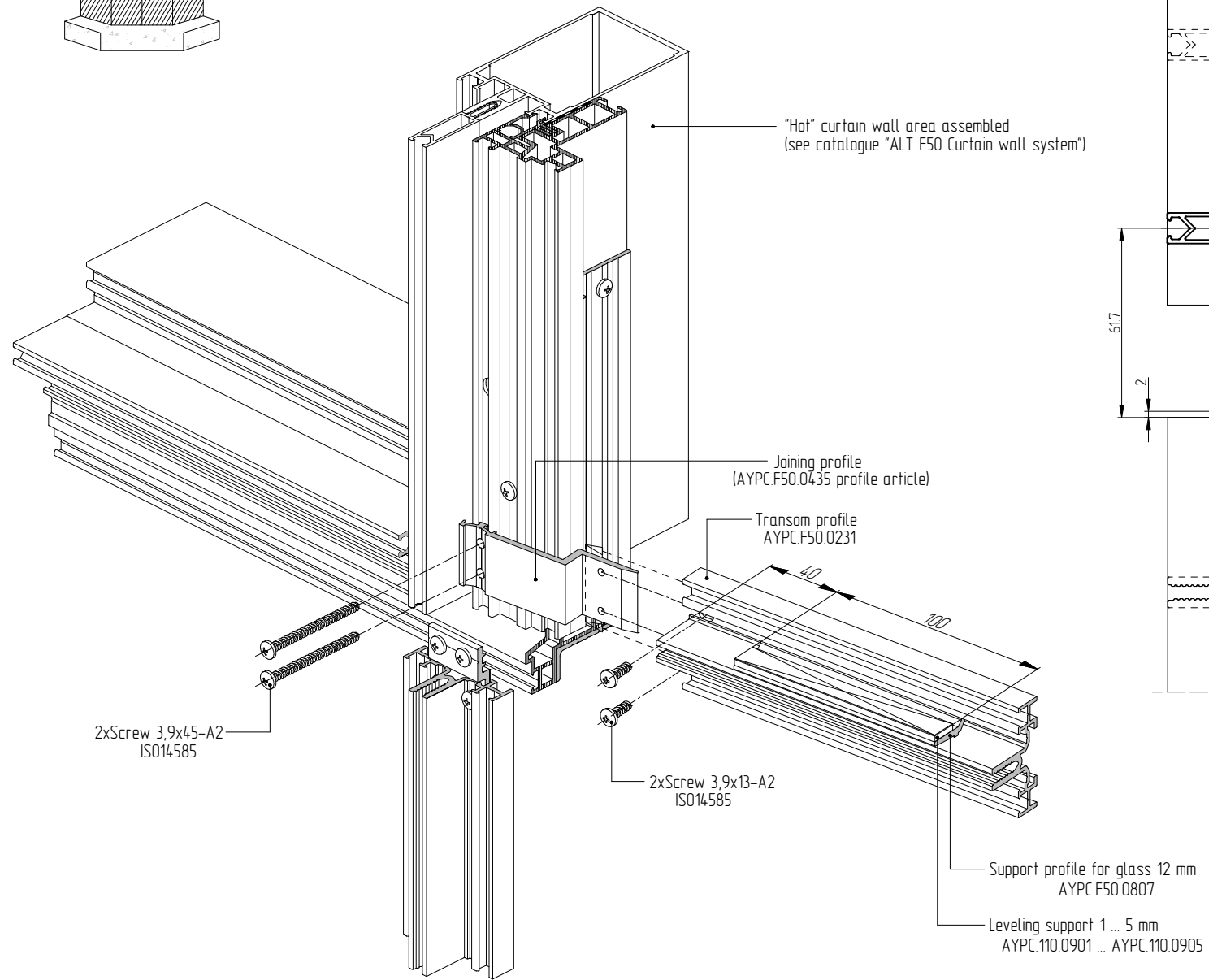
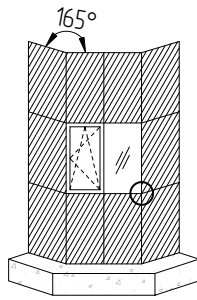


Butt joint between "hot" and "cold" areas of the curtain wall using the example of the bottom corner connection (the vertical profile fastening element of the "cold" area of the curtain wall is movable)

Max. load	
mullion 100 kg 	transom 100 kg
<p>Inertial properties Ix and Iy for mullions and transoms are calculated separately</p>	




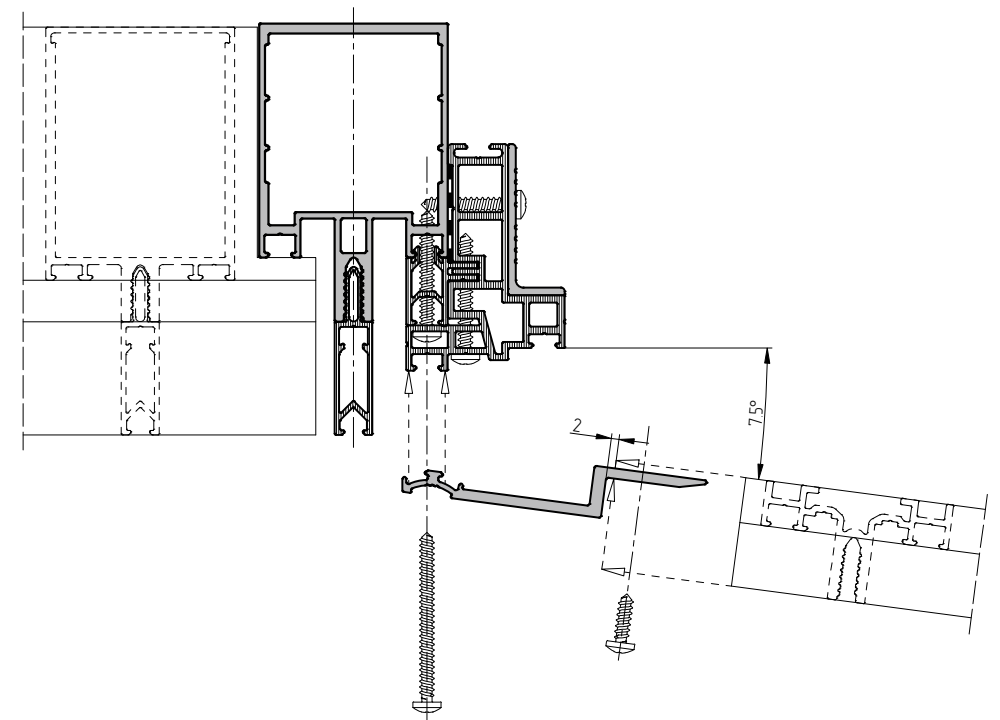
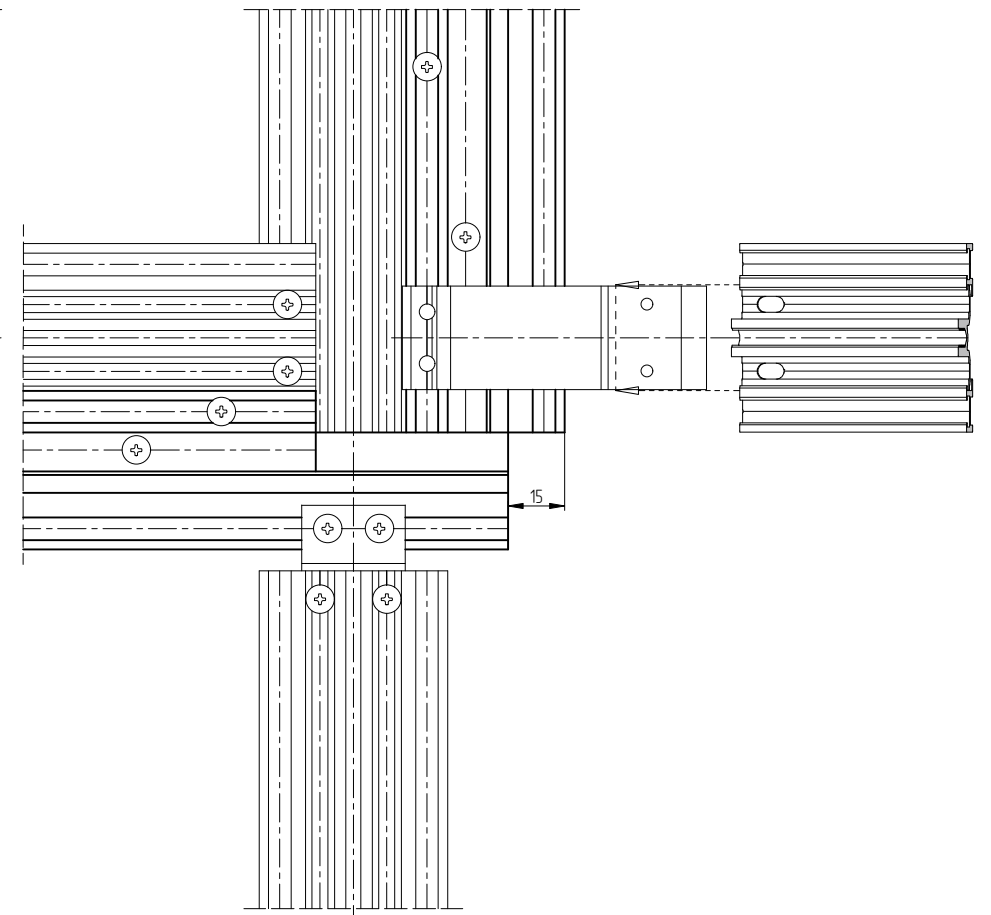
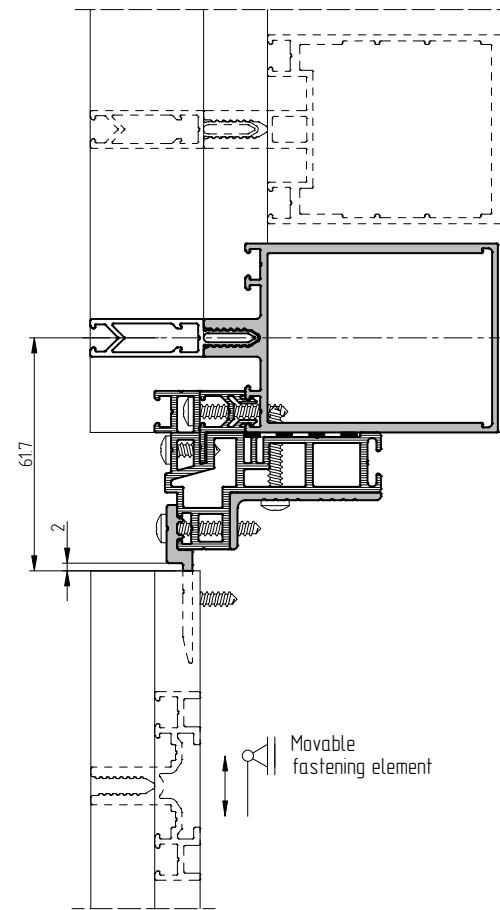
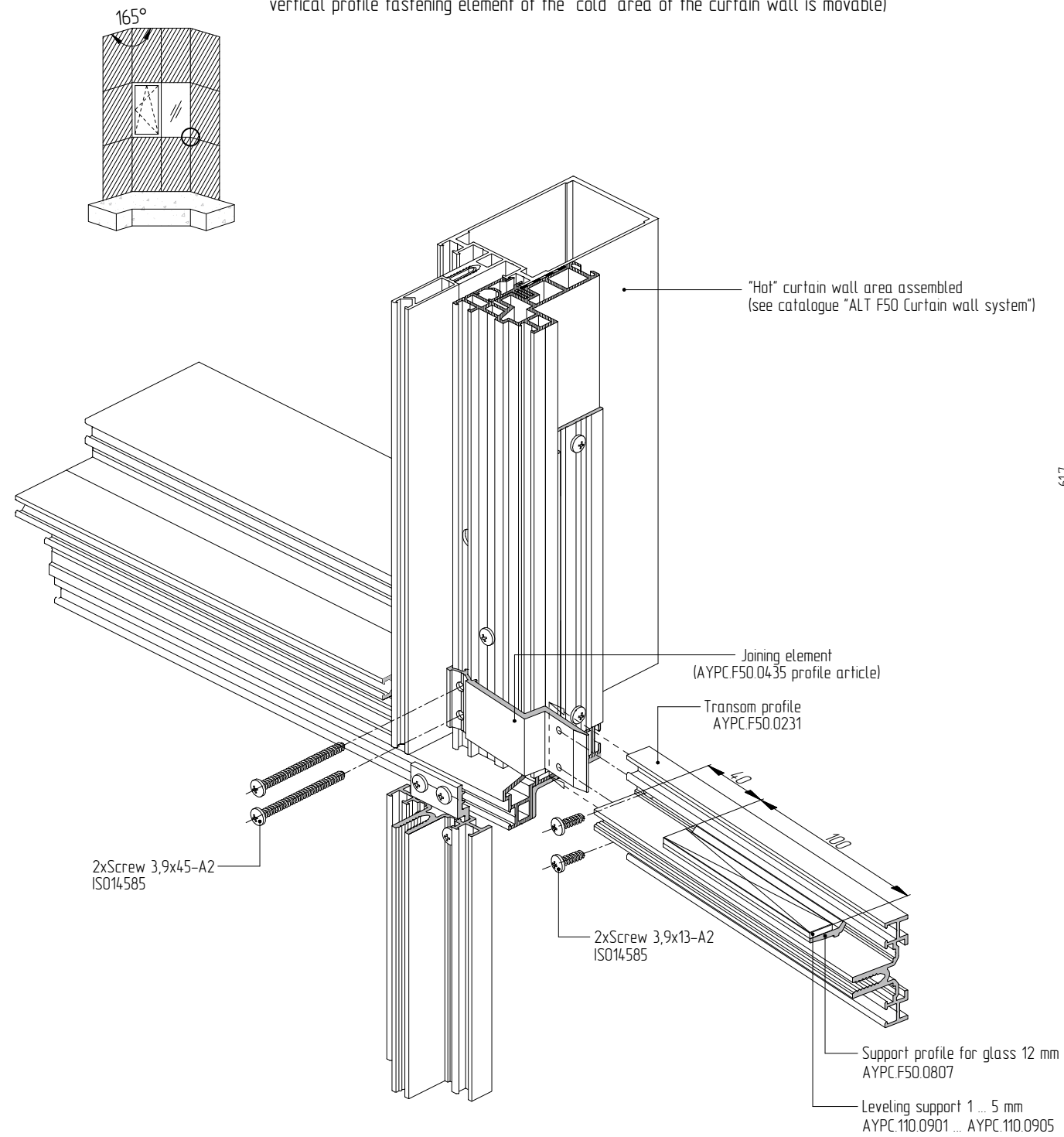
Connection of the "hot" and "cold" areas of the curtain wall at an angle of up to 7.5° in plan view using the example of the bottom corner connection where the vertical profiles are butt jointed (the vertical profile fastening element of the "cold" area of the curtain wall is movable)



Max. transom load 100 kg	
50 kg	50 kg
Inertial properties Ix and Iy for mullions and transoms are calculated separately	

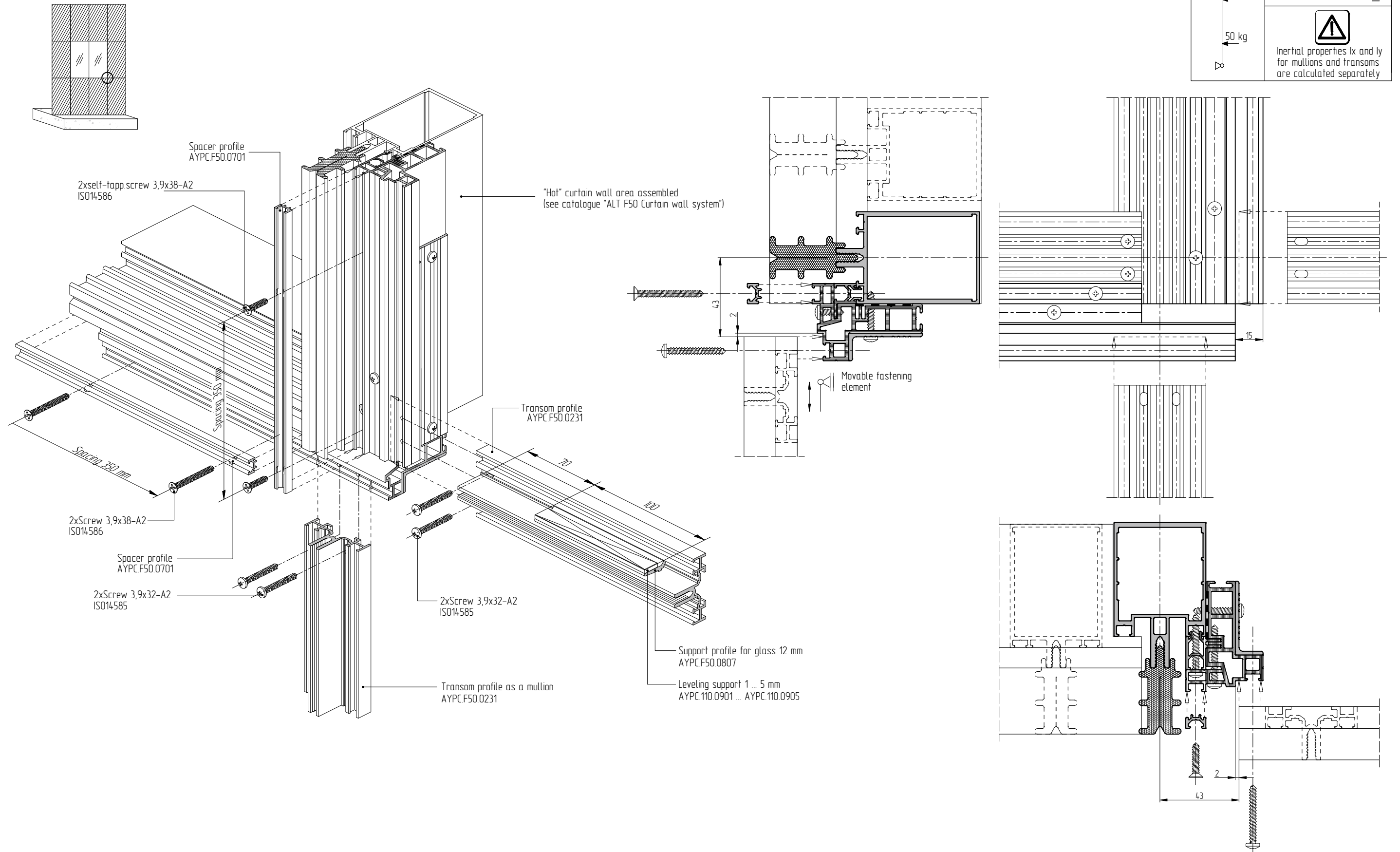
Connection of the "hot" and "cold" areas of the curtain wall at an angle of up to 7.5° in plan view using the example of the bottom corner connection where the vertical profiles are butt jointed (the vertical profile fastening element of the "cold" area of the curtain wall is movable)

Max. transom load 100 kg	
50 kg	50 kg
 Inertial properties Ix and Iy for mullions and transoms are calculated separately	




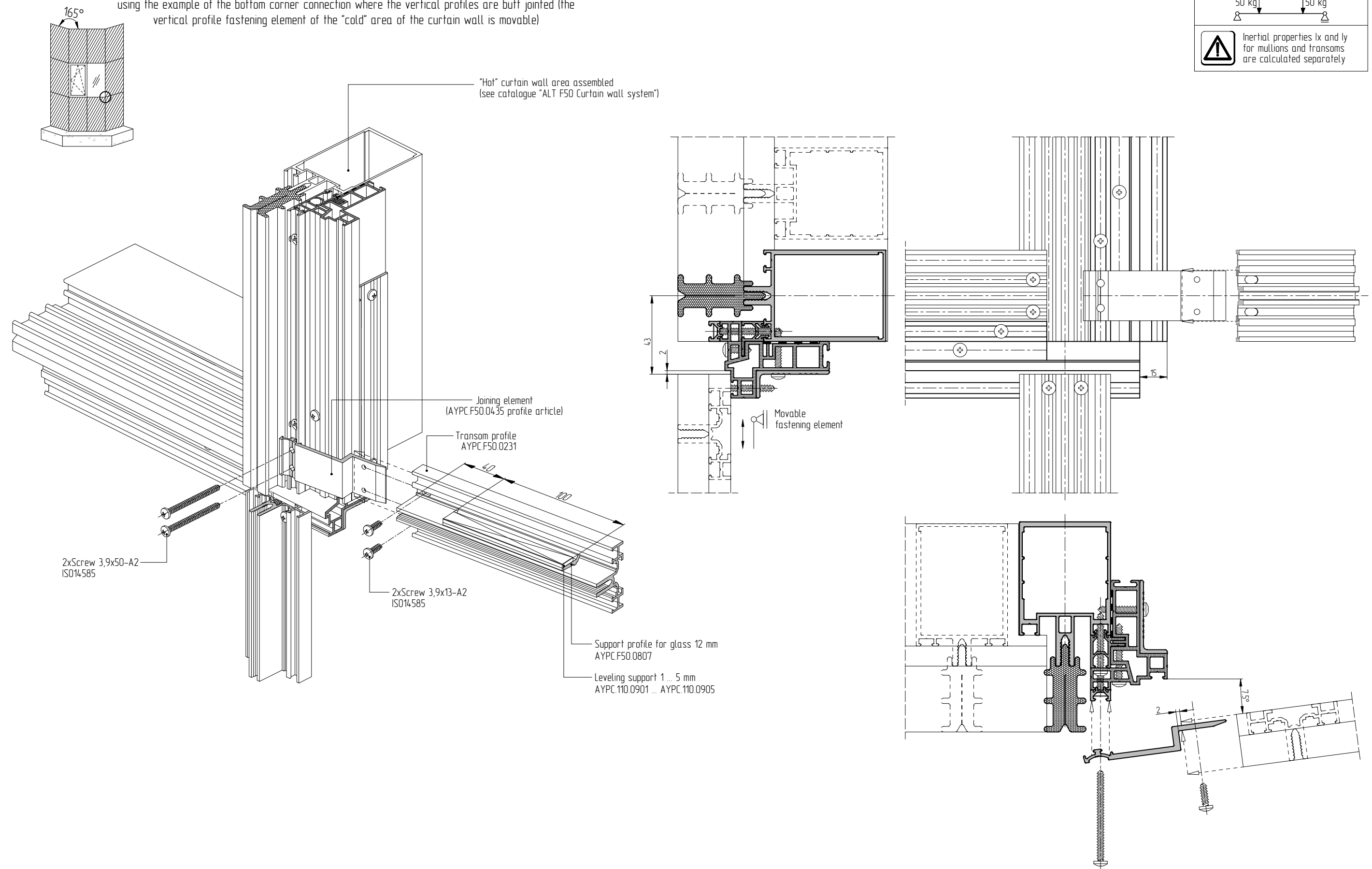
Overlap connection of the "hot" and "cold" areas of the curtain wall using the example of the bottom corner connection (the vertical profile fastening element of the "cold" area of the curtain wall is movable)

Max. load	
mullion 100 kg 	transom 100 kg
Inertial properties Ix and Iy for mullions and transoms are calculated separately	




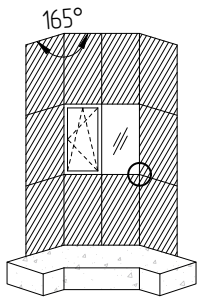
Connection of the "hot" and "cold" areas of the curtain wall at an angle of up to 7.5° in plan view using the example of the bottom corner connection where the vertical profiles are butt jointed (the vertical profile fastening element of the "cold" area of the curtain wall is movable)

Max. transom load 100 kg	
50 kg	50 kg
 Inertial properties Ix and Iy for mullions and transoms are calculated separately	

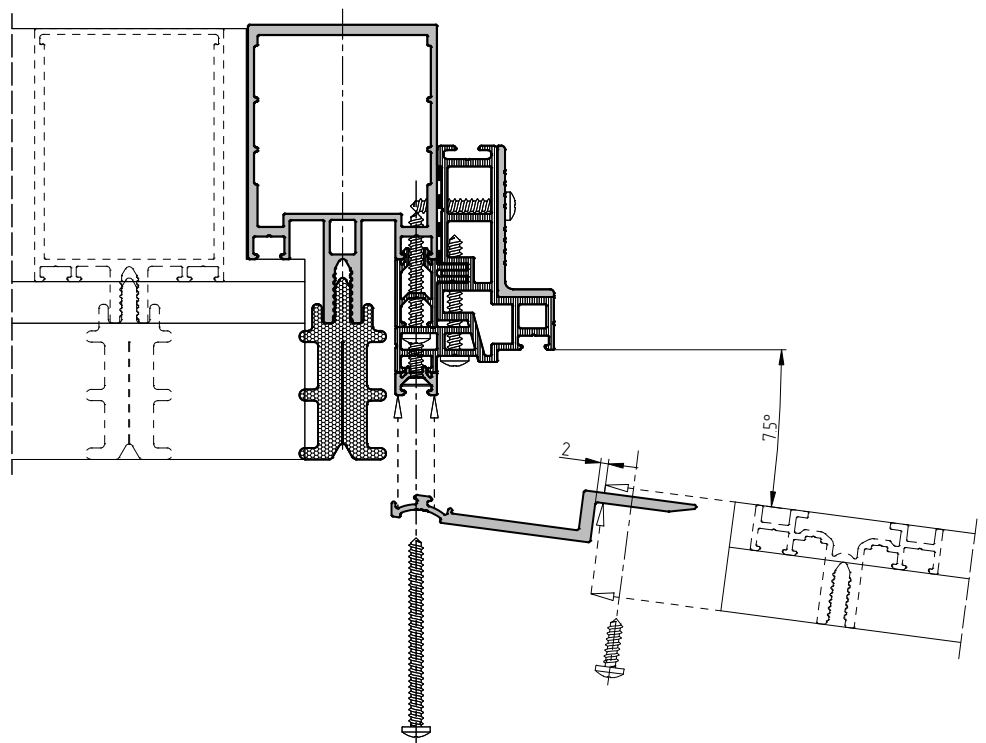
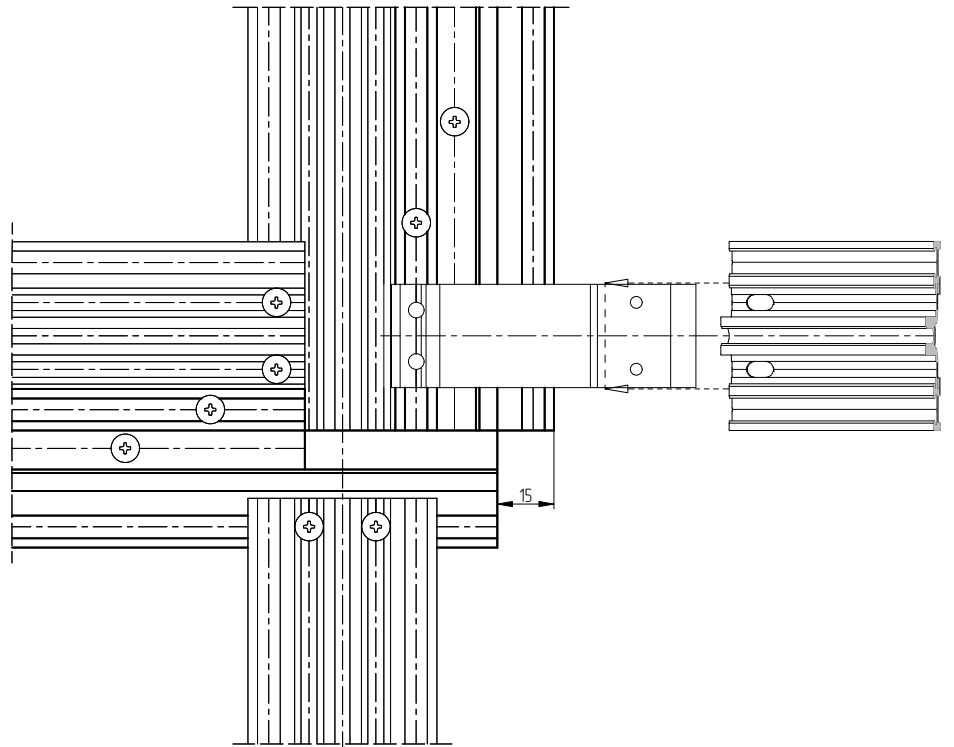
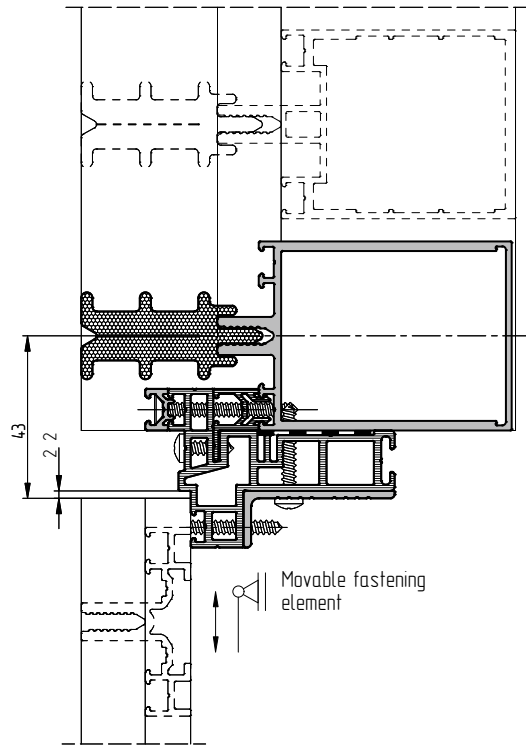
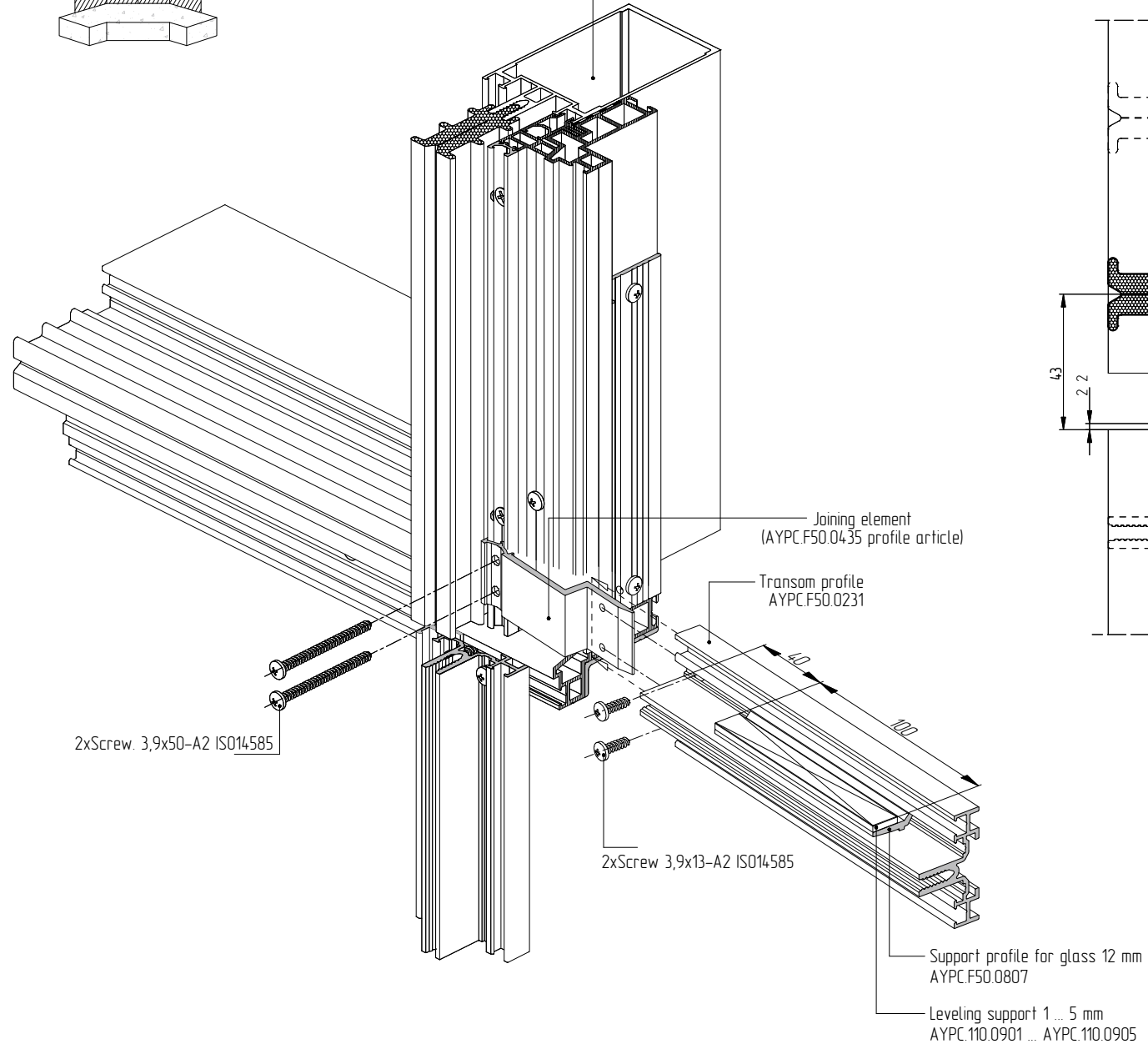


Connection of the "hot" and "cold" areas of the curtain wall at an angle of up to 7,5° in plan view using the example of the bottom corner connection where the vertical profiles are overlapped (the vertical profile fastening element of the "cold" area of the curtain wall is movable)

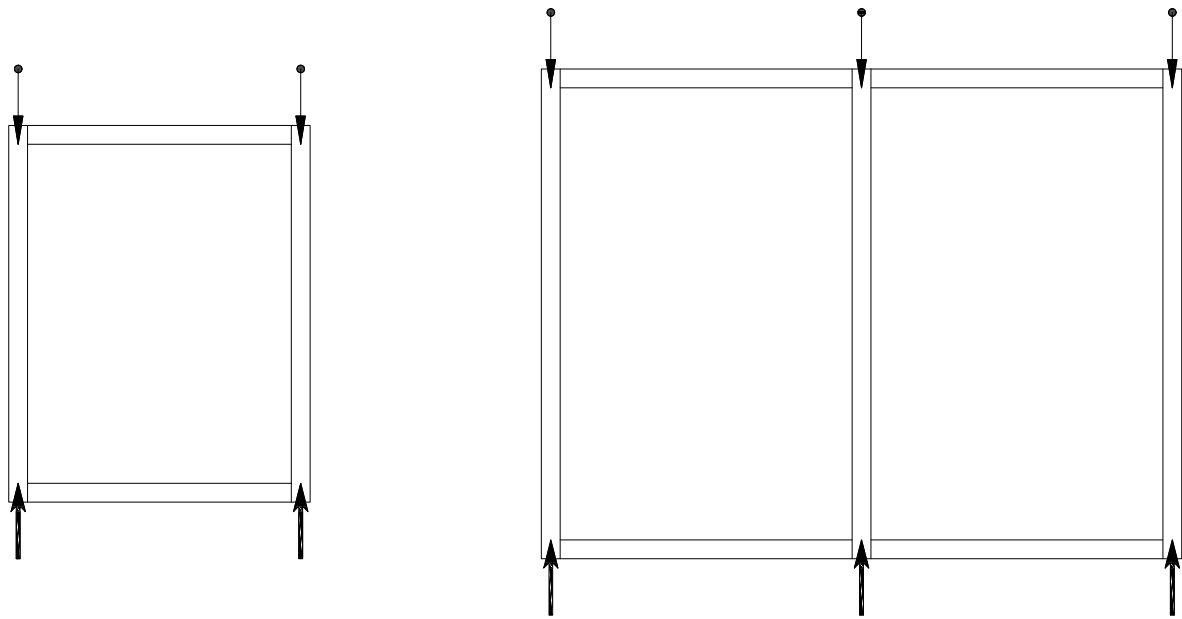
Max. transom load 100 kg	
50 kg	50 kg
 Inertial properties Ix and Iy for Mullions and Transoms are calculated separately	



"Hot" curtain wall area assembled
(see catalogue "ALT F50 Curtain wall system")

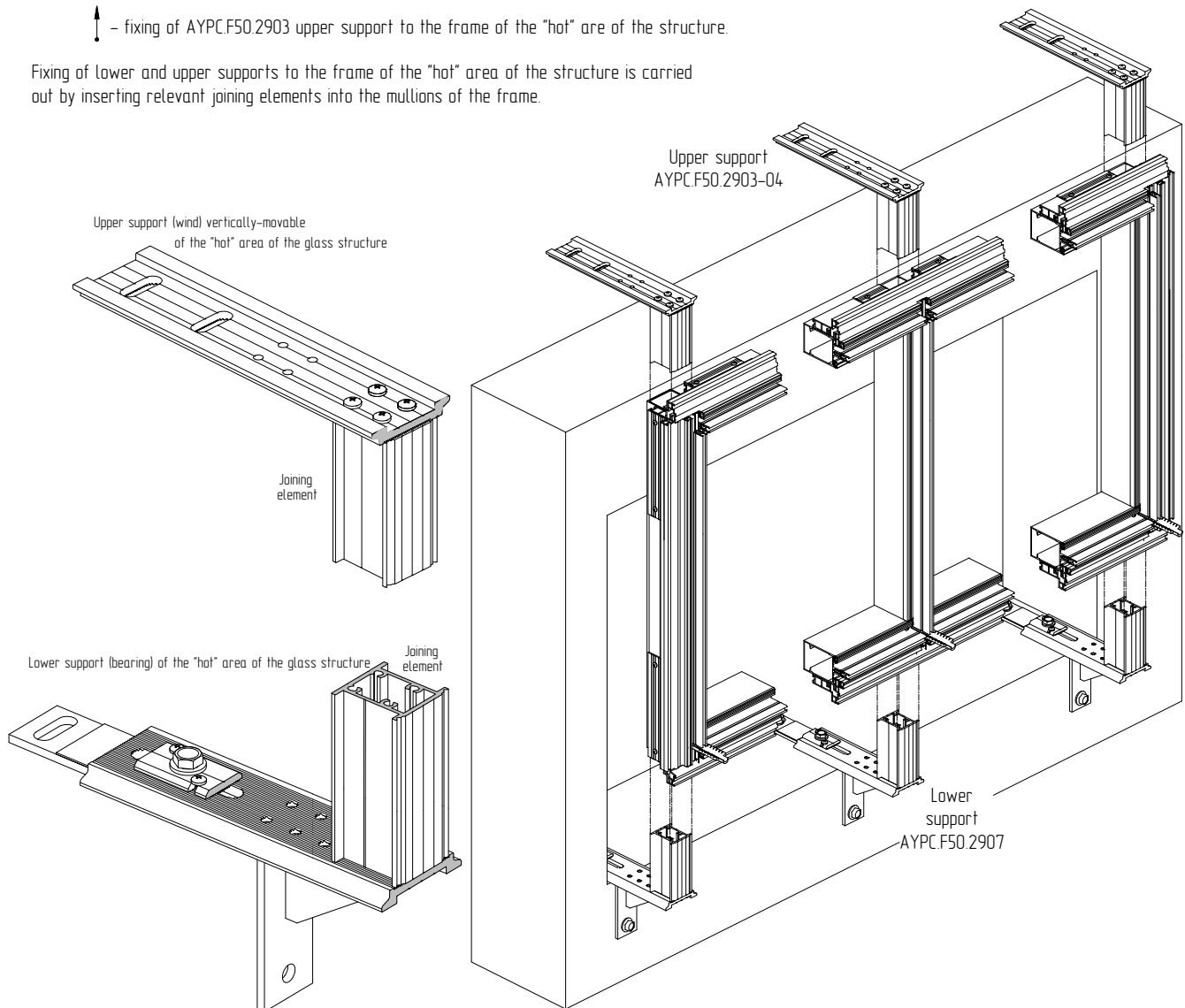


Scheme of ALT F50HC support layout on the frame of the "hot" area of the structure

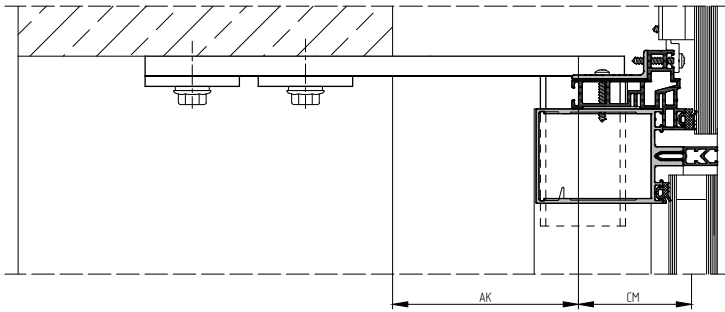


where - fixing of AYPC.F50.2907 lower support kit to the frame of the "hot" area of the structure;
 - fixing of AYPC.F50.2903 upper support to the frame of the "hot" are of the structure.

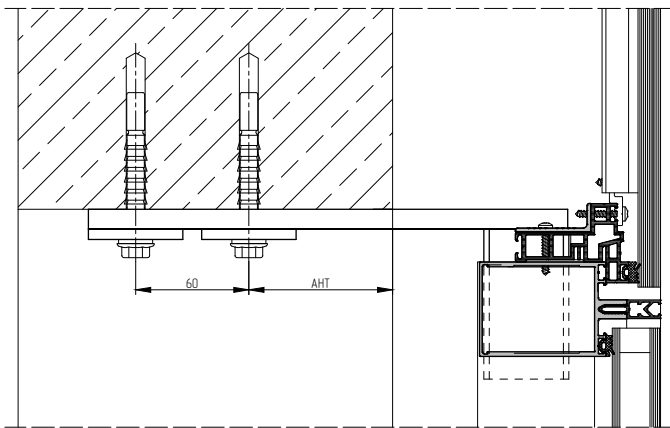
Fixing of lower and upper supports to the frame of the "hot" area of the structure is carried out by inserting relevant joining elements into the mullions of the frame.



Supports parameters of ALT F50HC system for the "hot" area of the glass structure

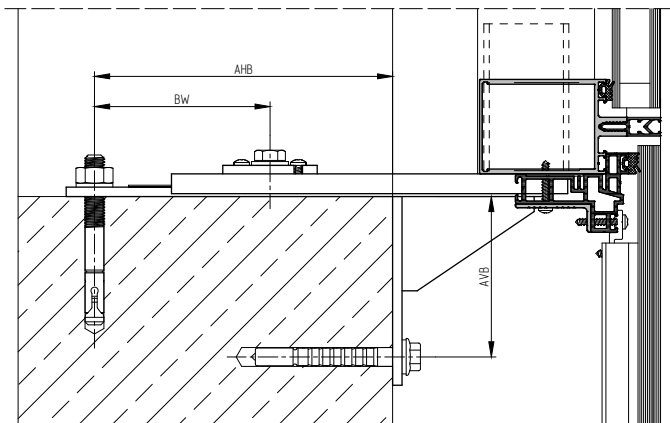


AK – system offset of the support, mm;
 AHB – distance from the edge of the wall to the anchor point of the lower support, mm;
 AVB – distance from the edge of the window opening to the dowel fixing point of the lower support, AVB = 85 mm;
 AHT – distance from the edge of the wall to the nearest dowel fixing of the upper support,
 CM – distance from the theoretical centre of mass of the "hot" part to the plane of the system offset, $CM_{max} = 50$ mm;
 BW – distance between the "oval" and the threaded hole, mm;
 Hst – thickness of wall building material, $Hst_{min} = 200$ mm

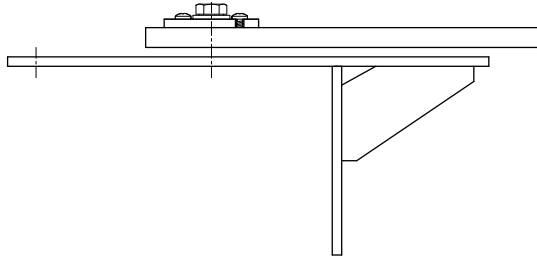


Parameters	Lower support AYPC.F50.2907	Lower support AYPC.F50.2907-01	Lower support AYPC.F50.2907-02
Offset of the glazing plane, mm	130 ... 160	170 ... 200	210 ... 240
AK, mm	40 ... 100	80 ... 140	120 ... 180
AHB, mm	158	143	143
BW, mm	93	117	155

Parameters	Upper support AYPC.F50.2903-04	Upper support AYPC.F50.2903-05	Upper support AYPC.F50.2903-06
Offset of the glazing plane, mm	130 ... 160	170 ... 200	210 ... 240
AHT, mm	45 ... 90	35 ... 80	30 ... 75

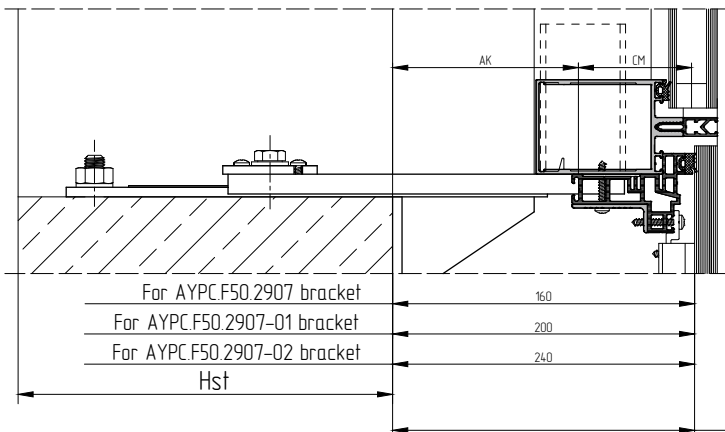
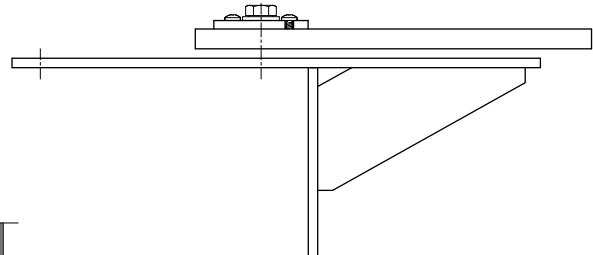


AYPC.F50.2907 Support kit

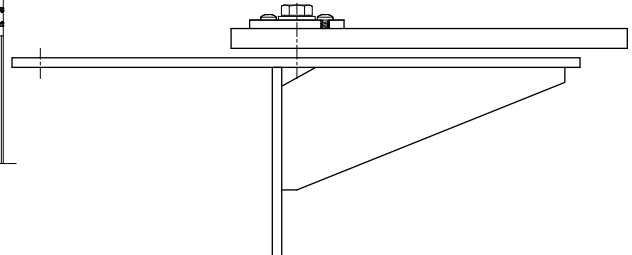


For AYPC.F50.2907 bracket → 130
 For AYPC.F50.2907-01 bracket → 170
 For AYPC.F50.2907-02 bracket → 210
 Min. offset of the glazing plane

AYPC.F50.2907-01 Support kit



AYPC.F50.2907-02 Support kit

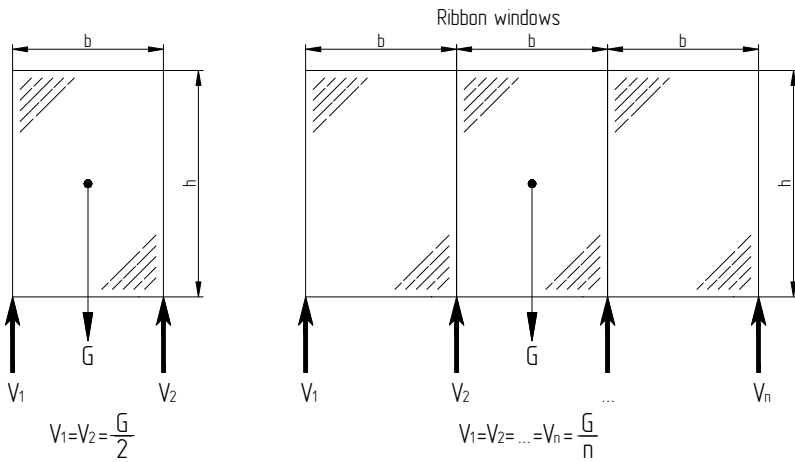


For AYPC.F50.2907 bracket → 160
 For AYPC.F50.2907-01 bracket → 200
 For AYPC.F50.2907-02 bracket → 240
 Hst

Max. offset of the glazing plane

Bearing capacity of ALT F50HC system supports for the "hot" part of the glass structure

Reactions of the ALT F50HC system supports



G – Dead weight of the structure, kg;
V – vertical reactions of the support, N

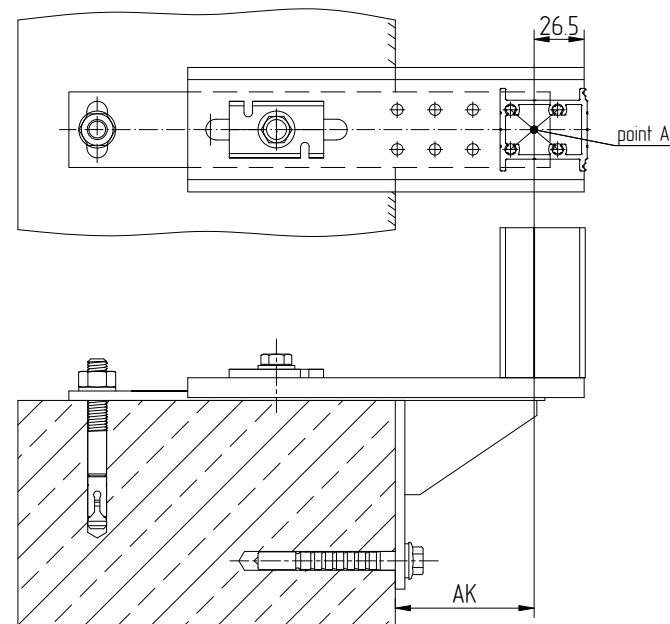
$$1 \text{ N} = 1 \text{ kg} \cdot \frac{\text{m}}{\text{s}^2}$$

Bearing capacity of ALT F50 system elements

Support kit	Type of action	Bearing capacity*, N															
		5000	4000	3000	2100	1900	1700	1500									
AYPC.F50.2907	Dead weight of the structure																
AYPC.F50.2907-01	Dead weight of the structure						3000	2500	2000	1500	1300	1200	1100				
AYPC.F50.2907-02	Dead weight of the structure										2000	1750	1500	1300	1100	1000	900
Offset AK**, mm		40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	

*The bearing capacity given in the Table is limited by the deformation of the supports by more than 3 mm or by the pull-out of anchor fixings with a maximum pull-out force of at least 3 kN

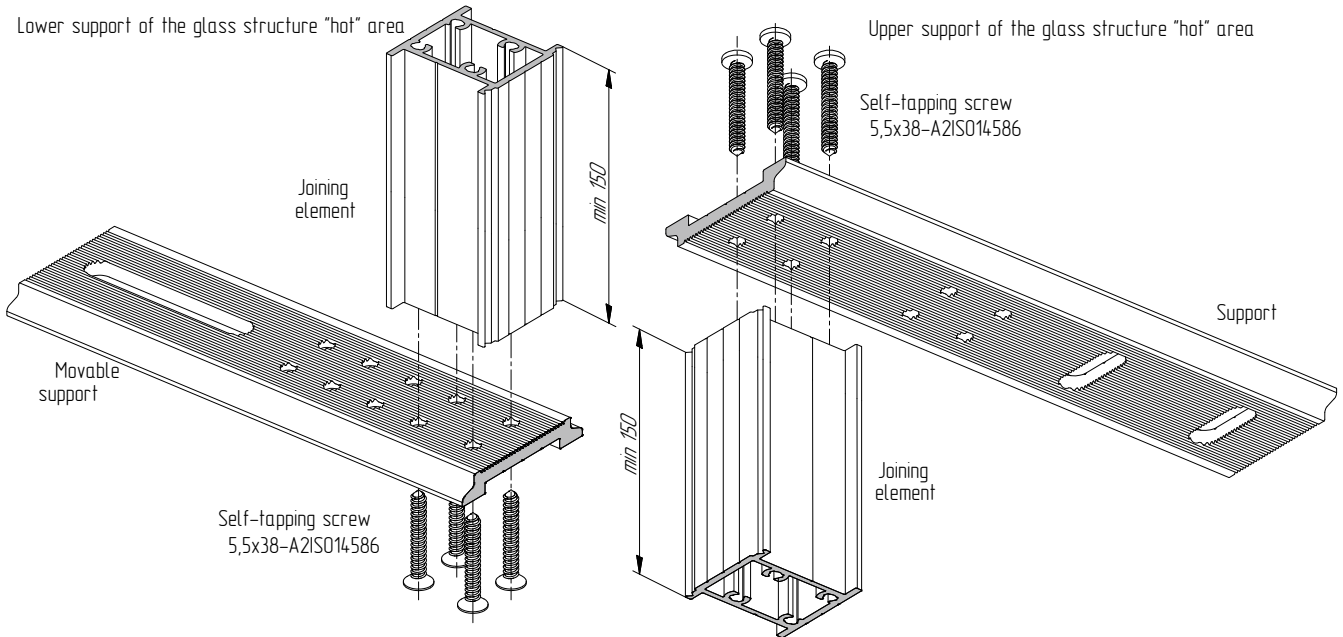
**Estimated support offset is the distance from the reference plane of the vertical plate of the steel support (wall plane) to the plane passing through the theoretical point A (see Fig. below) parallel to the wall plane



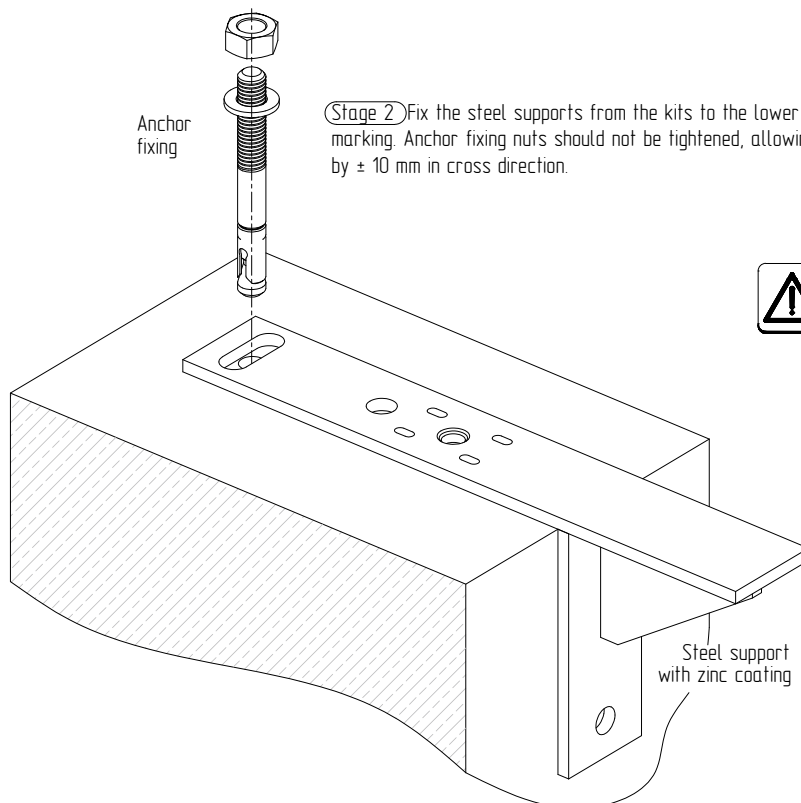
In order to ensure proper bearing capacity of the supports, the thickness and width of building material, the type and size of fixing elements used at the building site should comply with the current regulation requirements, as well as with all recommendations of fixing elements manufacturers in order to prevent splitting, peeling or cracking of the building material.

The sequence of mounting of the frame of the glass structure "hot" area

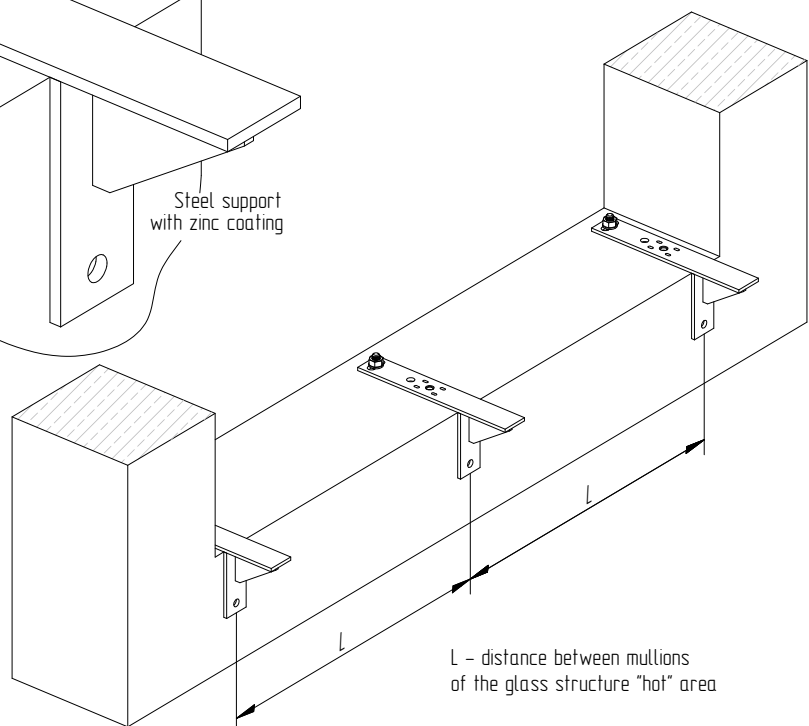
Stage 1 Connect joining elements to the supports made of aluminum profile by means of self-tapping screws.



Stage 2 Fix the steel supports from the kits to the lower base of the window opening according to the preliminary marking. Anchor fixing nuts should not be tightened, allowing for possibility of adjusting the position of the support by ± 10 mm in cross direction.

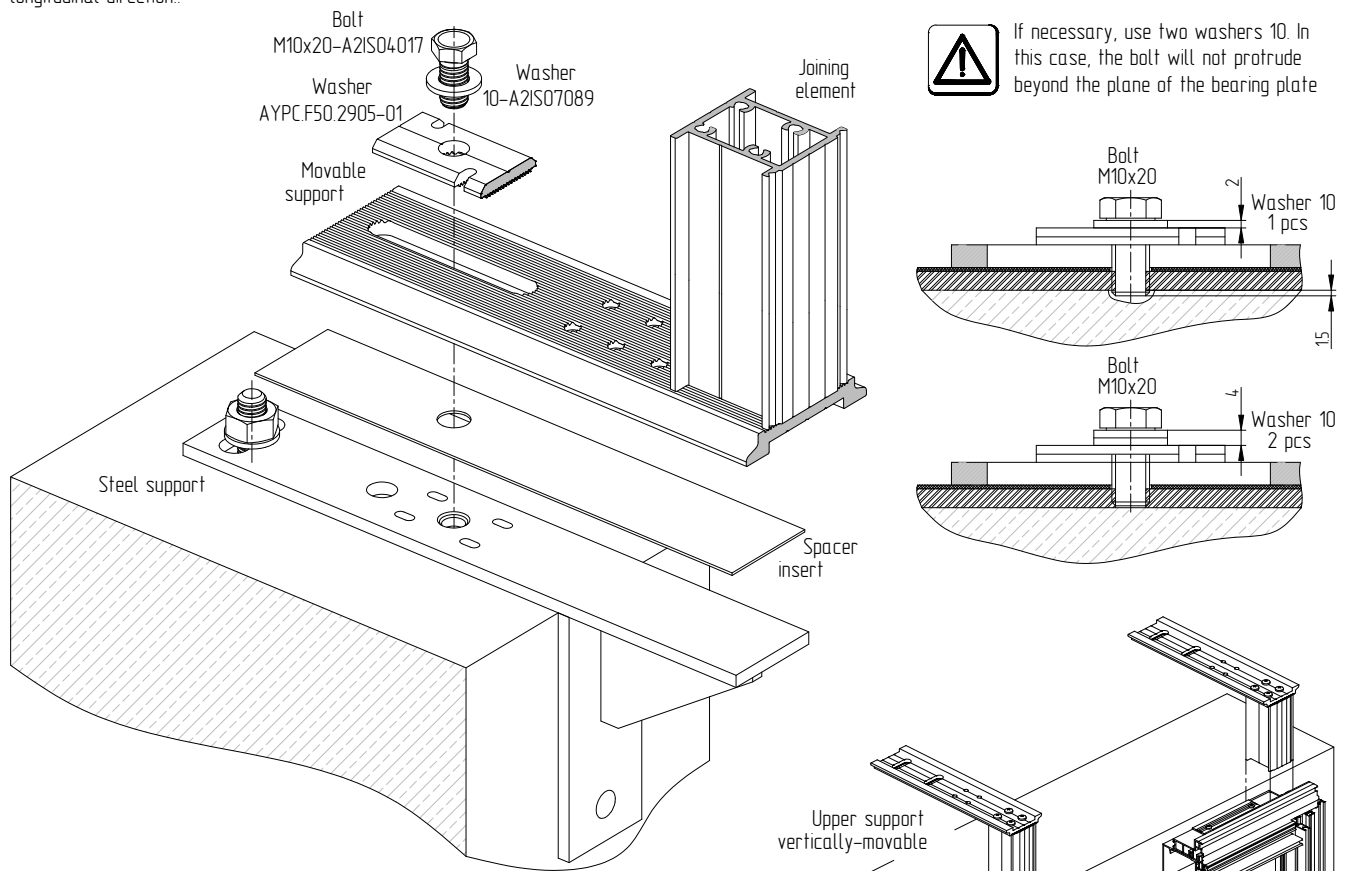


In order to ensure proper bearing capacity of the supports, the thickness and width of building material, the type and size of fixing elements used at the building site should comply with the current regulation requirements, as well as with all recommendations of fixing elements manufacturers in order to prevent splitting, peeling or cracking of the building material

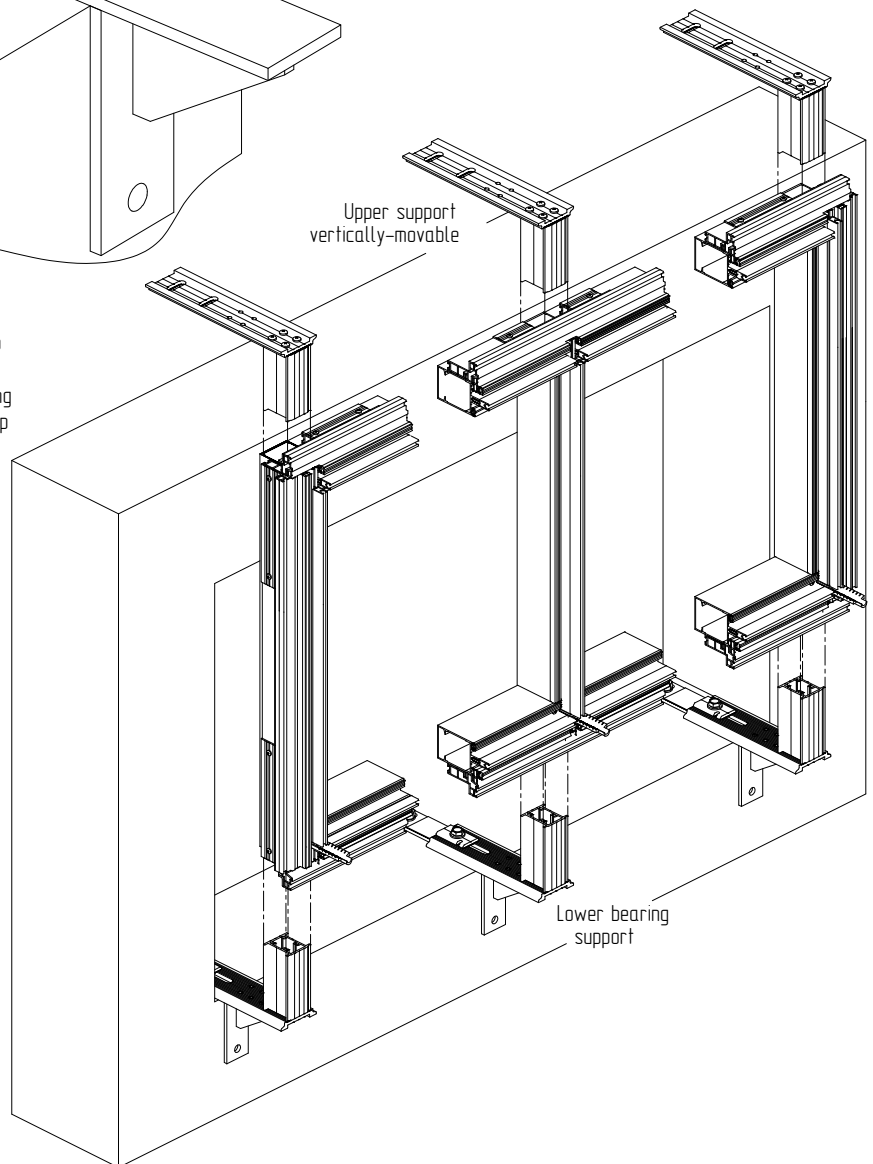


The sequence of mounting of the frame of the glass structure "hot" area

Stage 3 Assemble the support kit in the order shown in the Figure. M10 Bolt should not be tightened allowing mobility of the aluminum support in the longitudinal direction.



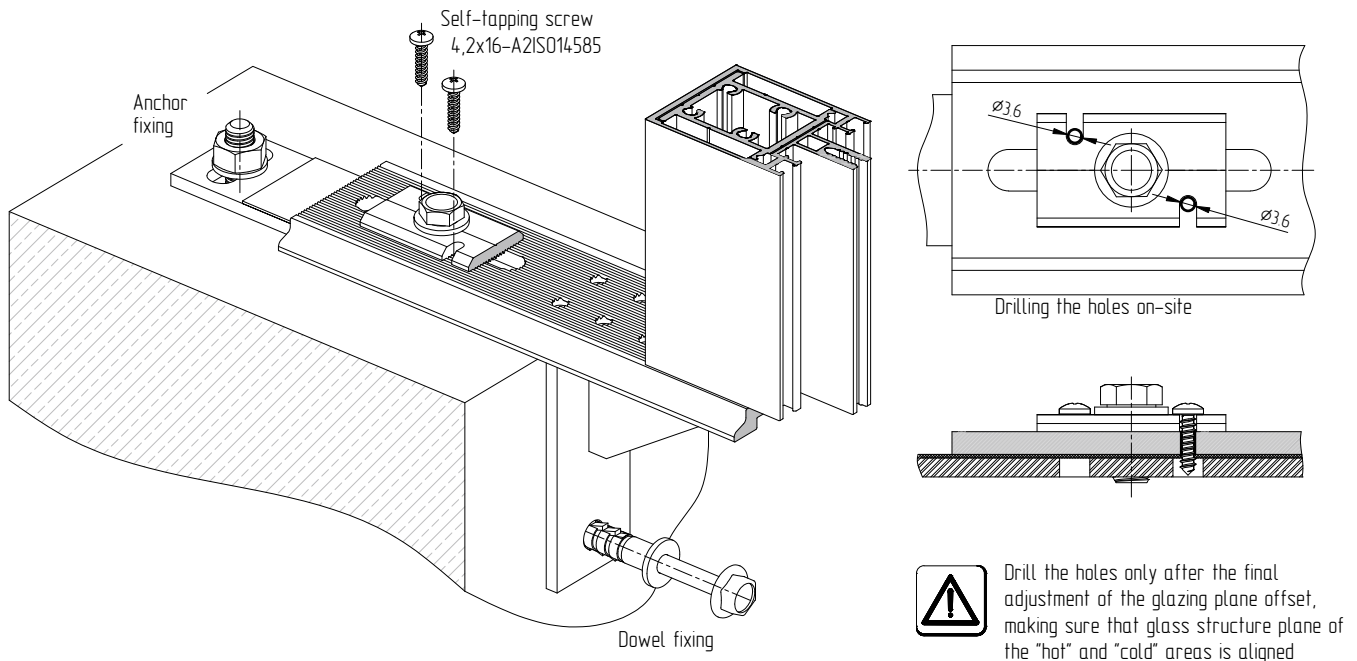
Stage 4 Mount the frame of the glass structure "hot" area by preliminarily extending the lower supports into the position of max. offset. It is also recommended to attach the upper supports to the frame before mounting by inserting the joining elements into the mullions on top



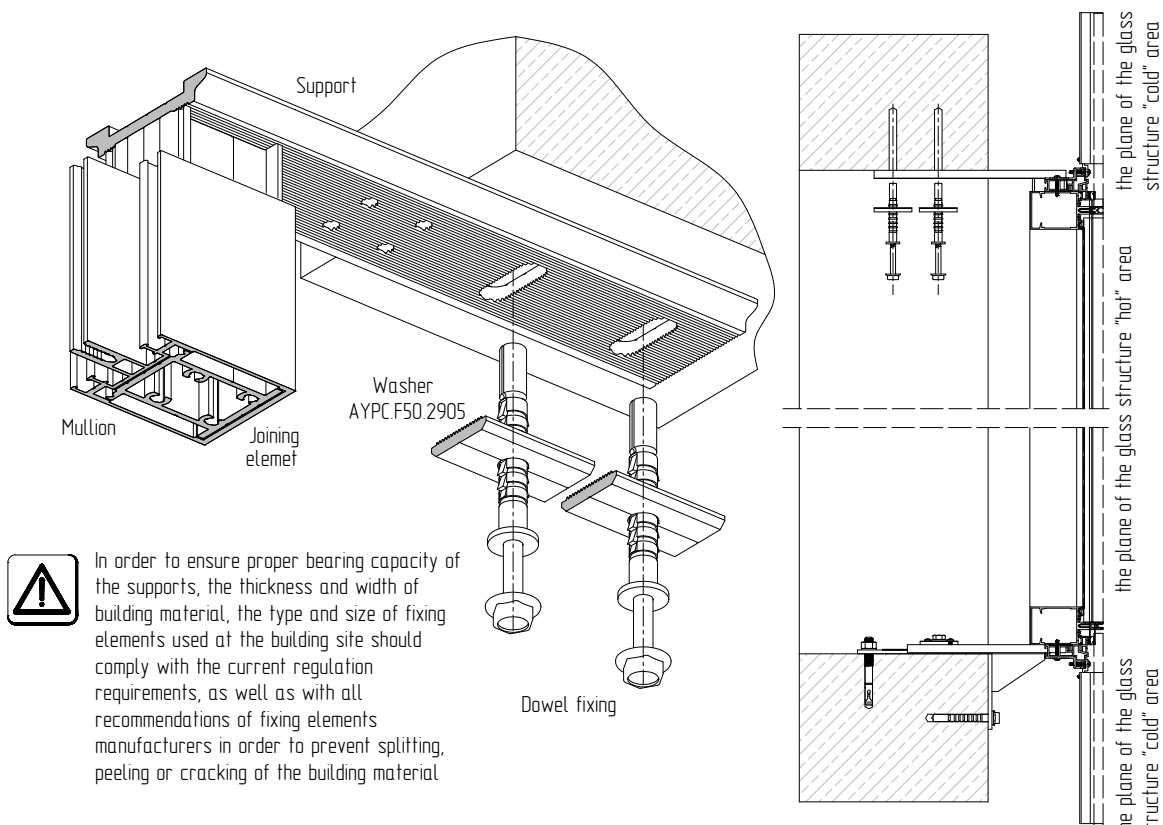
The sequence of mounting of the frame of the glass structure "hot" area

Stage 5 After mounting and pre-adjusting the frame, tighten M10 nuts of anchor fixing elements to the required torque; to fully secure steel supports, it is also recommended to install dowel fixing through the hole in the vertical plates of the steel supports (the depth of the hole in the building material is max. 90 mm).

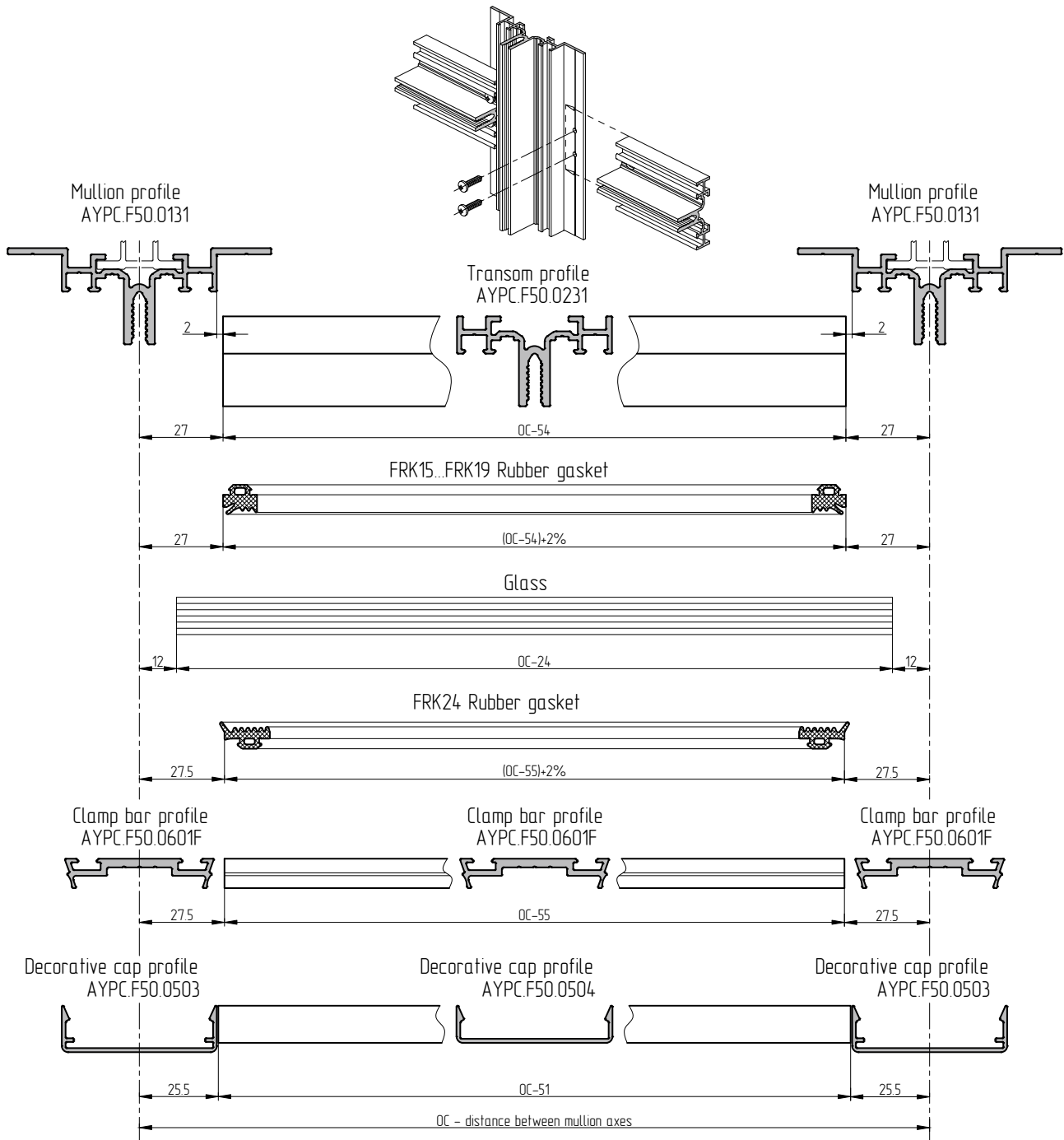
Adjust the glazing plane offset, tighten M10 bolt to the required torque. For the final fixation of the support moving part, use two self-tapping screws 4.2x16 ISO14585 made of stainless steel, which are screwed into pre-drilled holes in the aluminium support



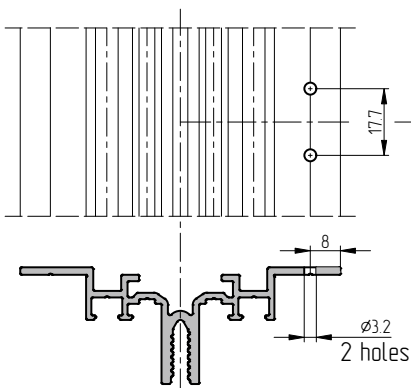
Stage 6 Extend the upper (wind) supports to the required length and install the dowel fixings into the ovals of aluminium supports, avoiding any vertical misalignment of the glazing plane of the glass structure "hot" area



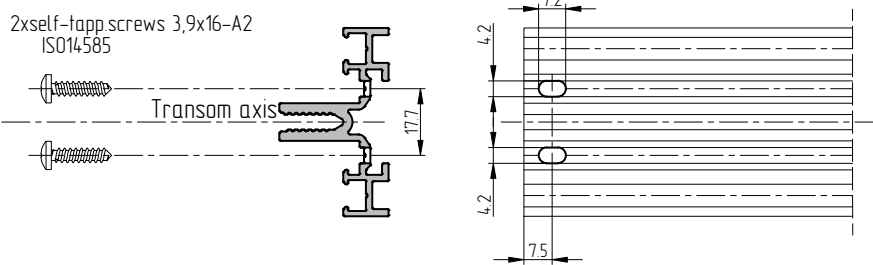
Overlap connection of mullion and transom profiles



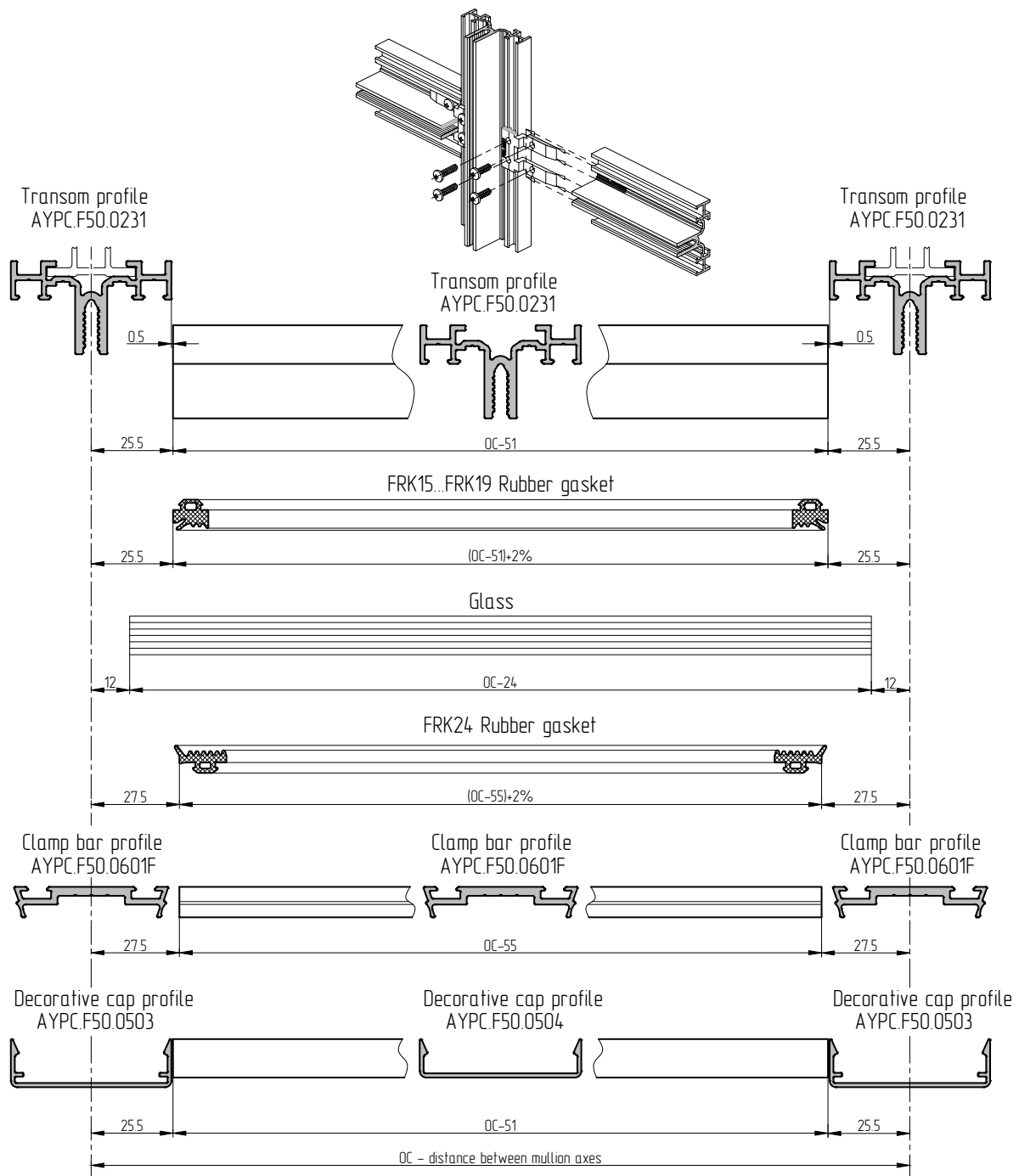
AYPC.F50.0131 Mullion machining



AYPC.F50.0231 Transom machining

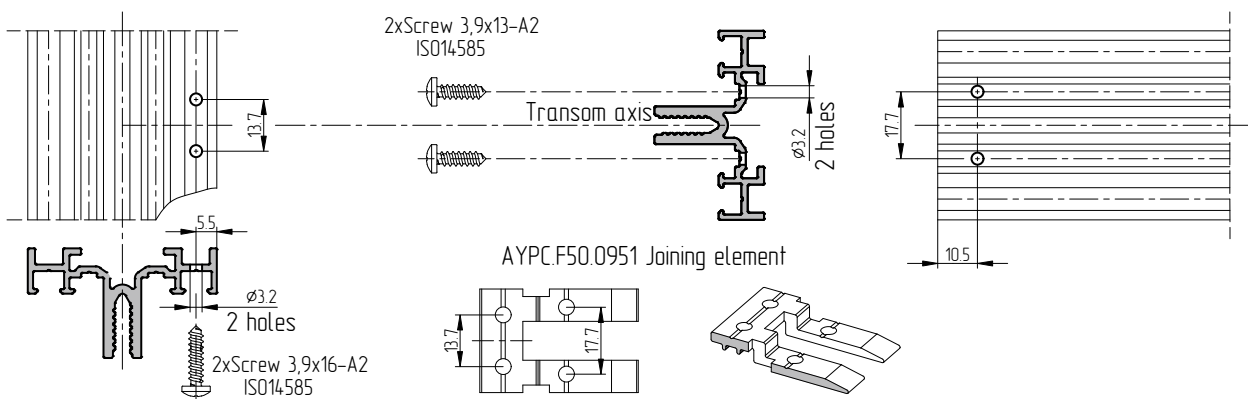


Connection of transom profiles using AYPC.F50.0951 joining element

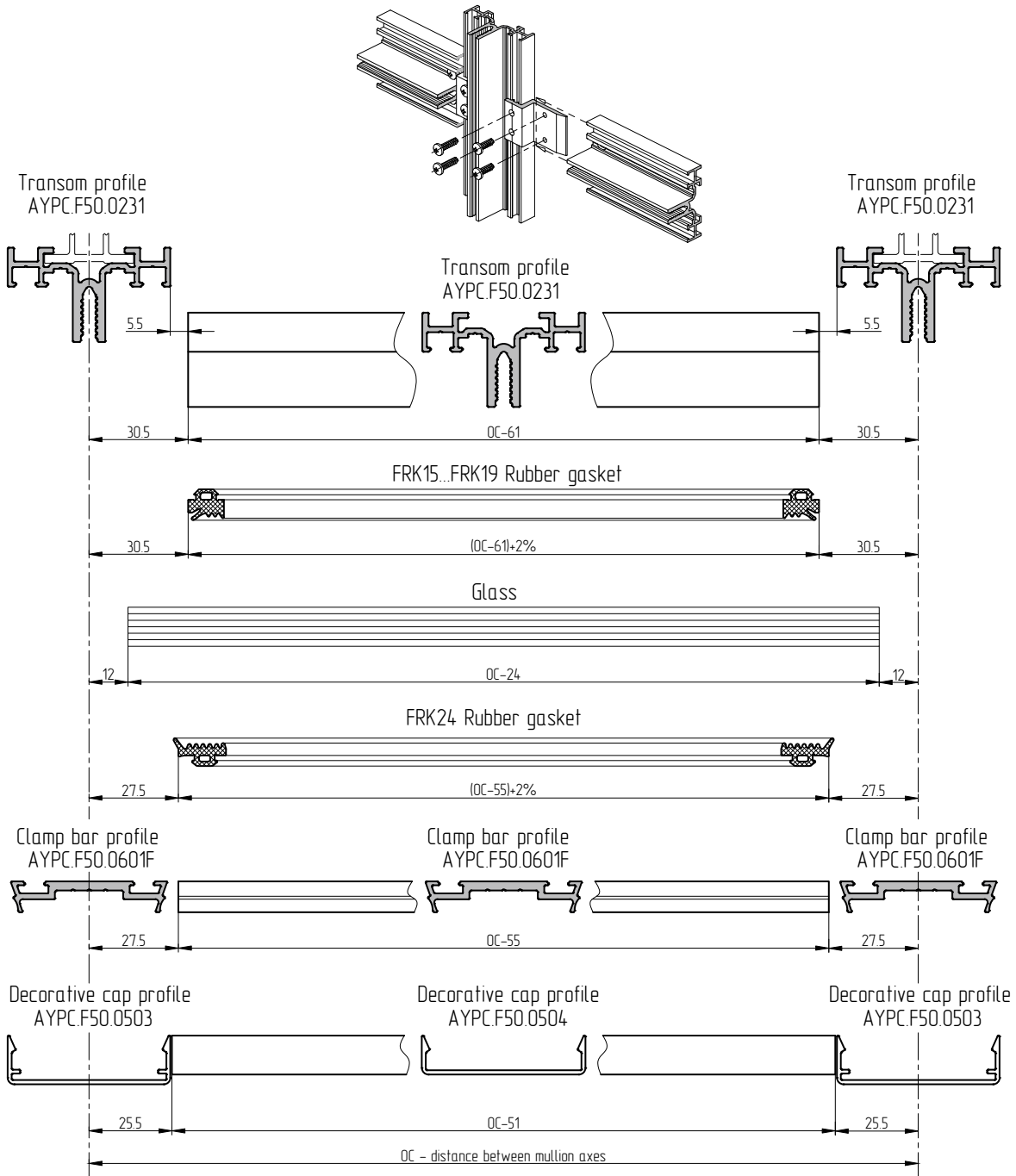


AYPC.F50.0231 Transom machining

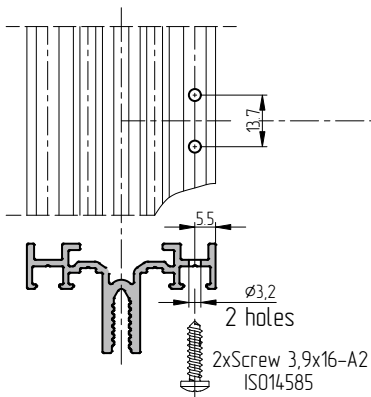
AYPC.F50.0231 Transom machining



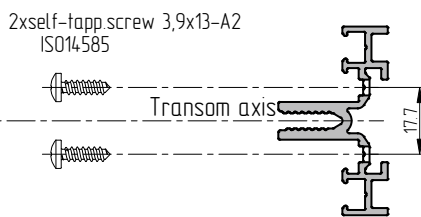
Connection of transom profiles using AYPC.F50.0933 joining element (preffered option)



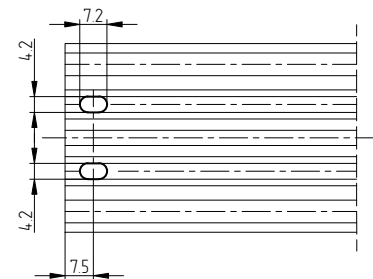
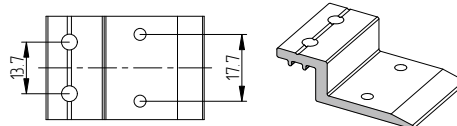
AYPC.F50.0231 Transom machining



AYPC.F50.0231 Transom machining

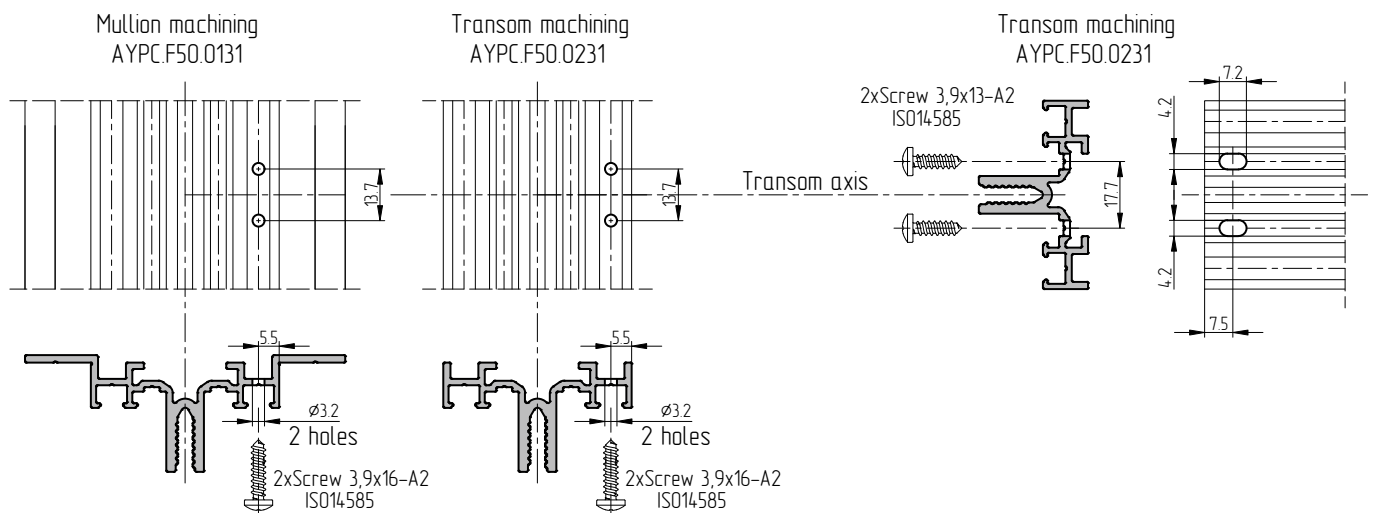


AYPC.F50.0933 Joining element

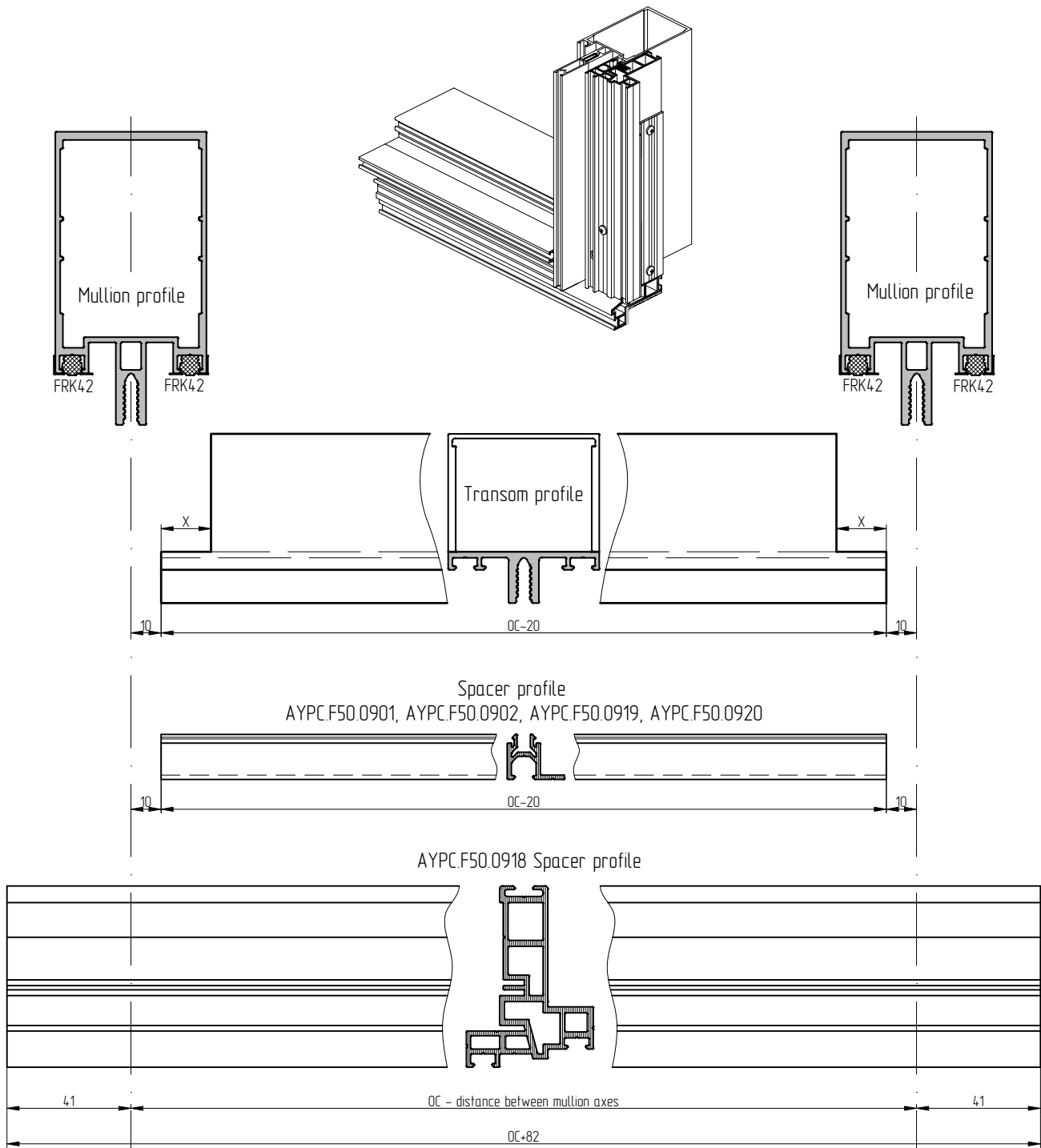


Connection of bearing profiles at an angle of up to $\pm 7.5^\circ$ in plan view using AYPC.F50.0434 joining element

Bearing profile	Angle in plain view $+7.5^\circ$	Angle in plain view -7.5°
Mullion AYPC.F50.0131		
Transom AYPC.F50.0231		
Joining element made of AYPC.F50.0434 profile	<p>Note: holes $\varnothing 4.2$ are drilled on-site</p>	<p>Note: holes $\varnothing 4.2$ are drilled on-site</p>



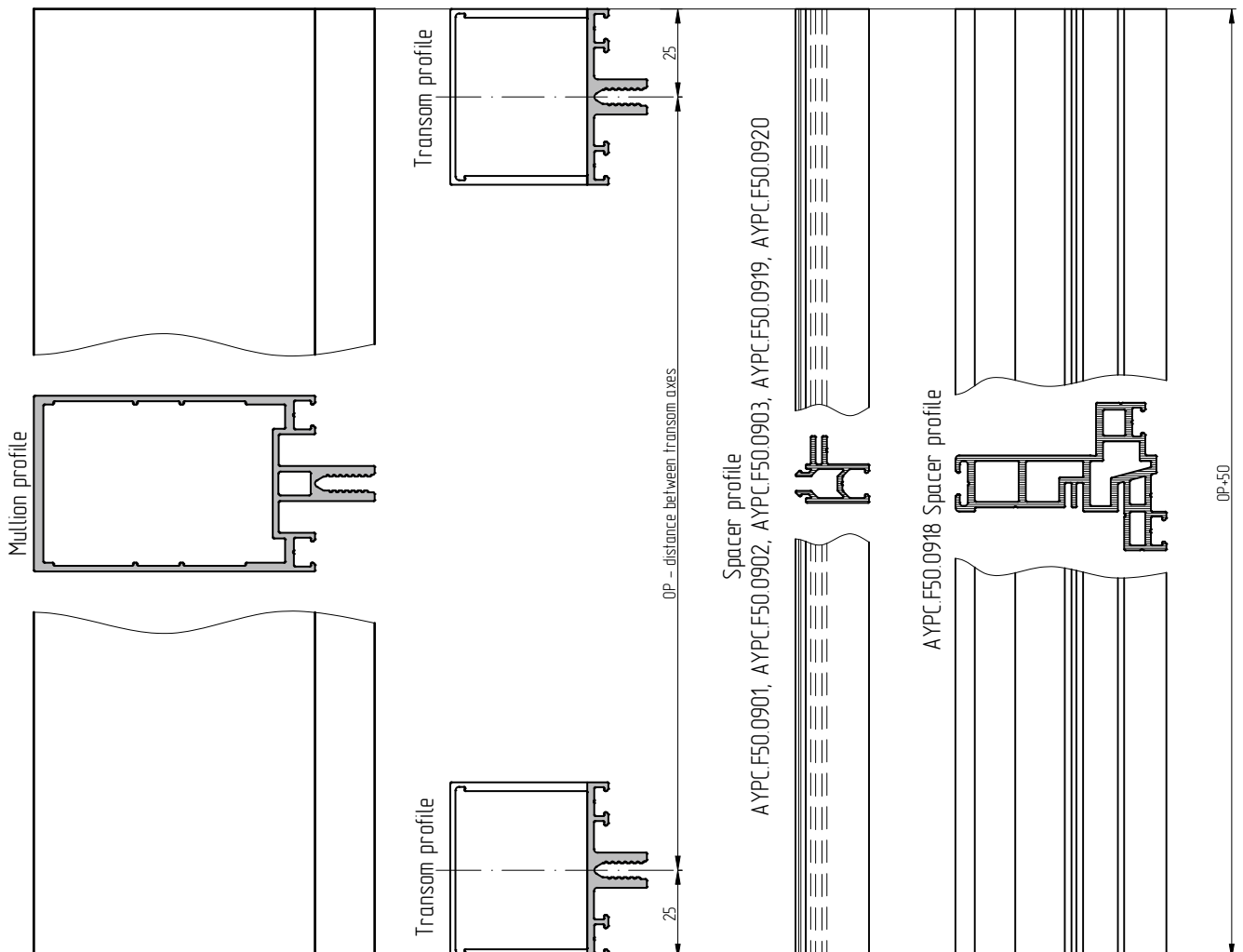
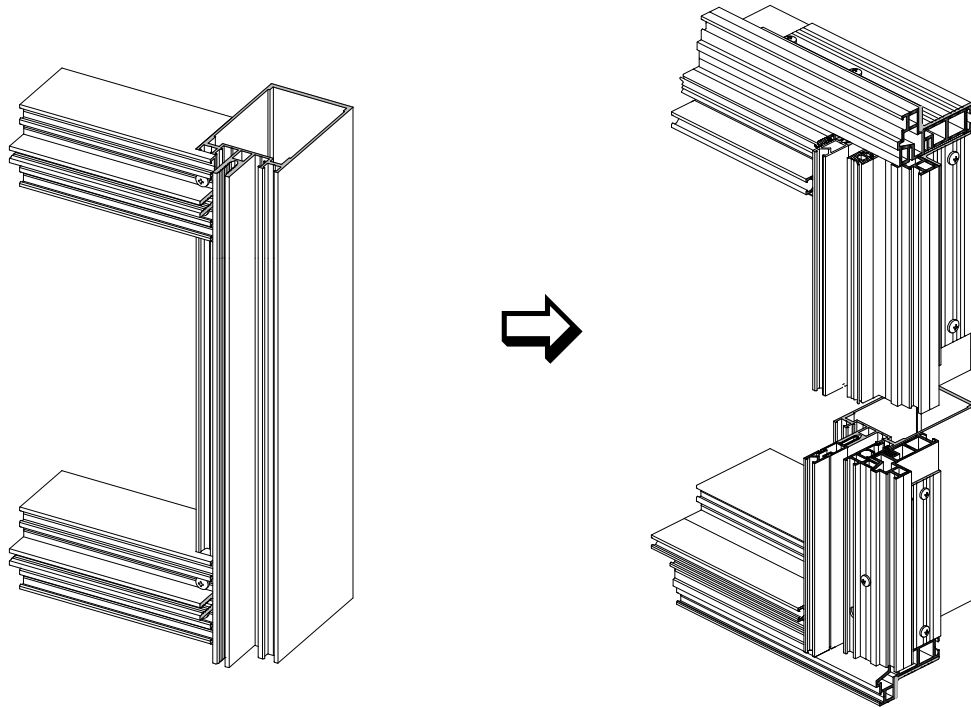
Dimensioning of a AYPC.F50.0918 spacer profile



NOTE:

1. Distance X - transom milling size, that depends on how the transom is installed
2. Machining of spacer profiles depends on the position of the transom on which they are installed: upper or lower junction

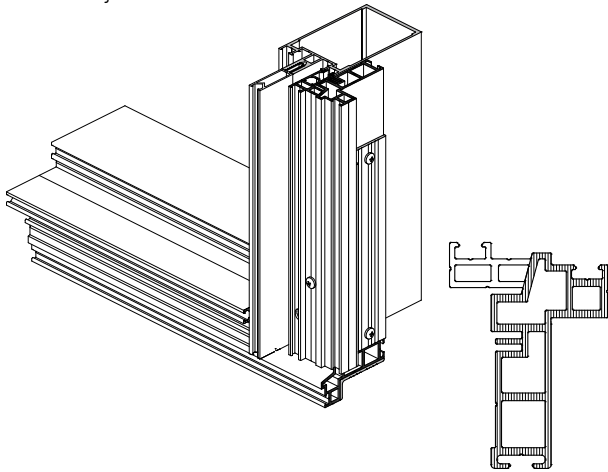
Dimensioning of a AYPC.F50.0918 spacer profile



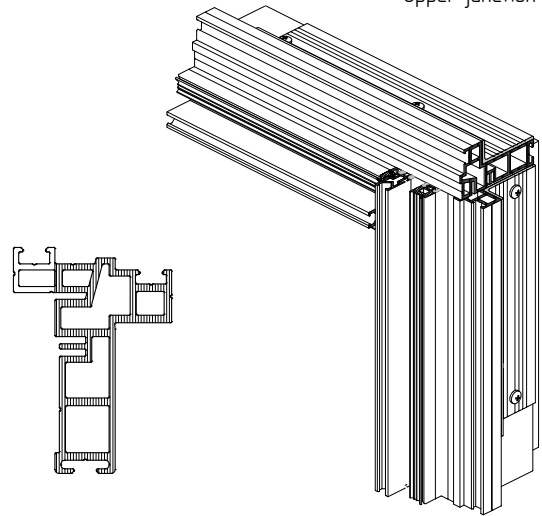
Note: Spacer profiles are cut at right angles and require no further machining

Machining of AYPC.F50.0918 spacer profile

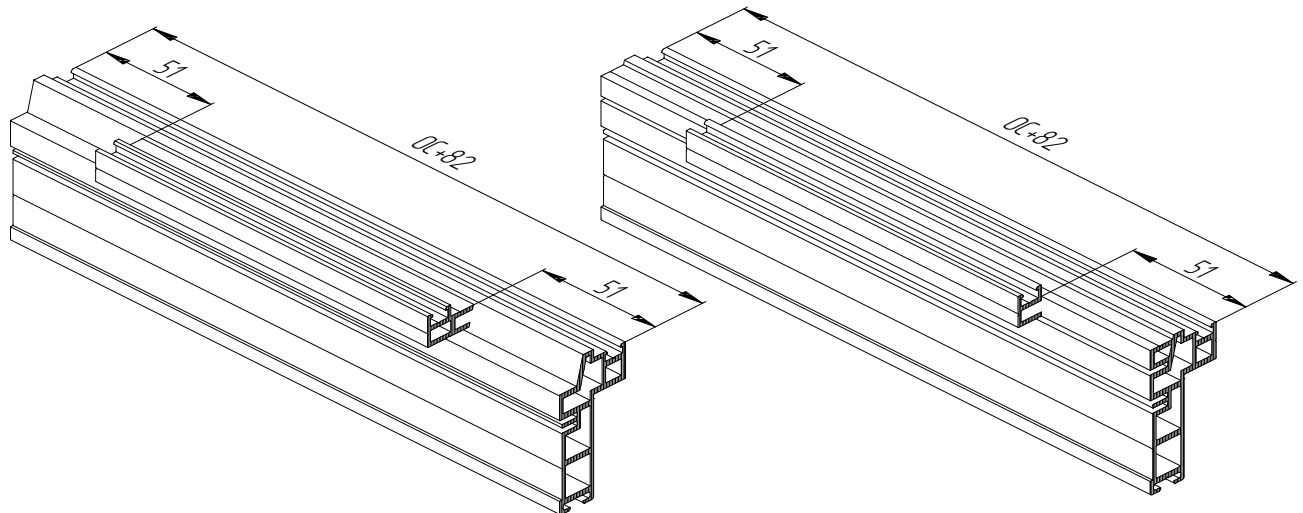
Lower junction



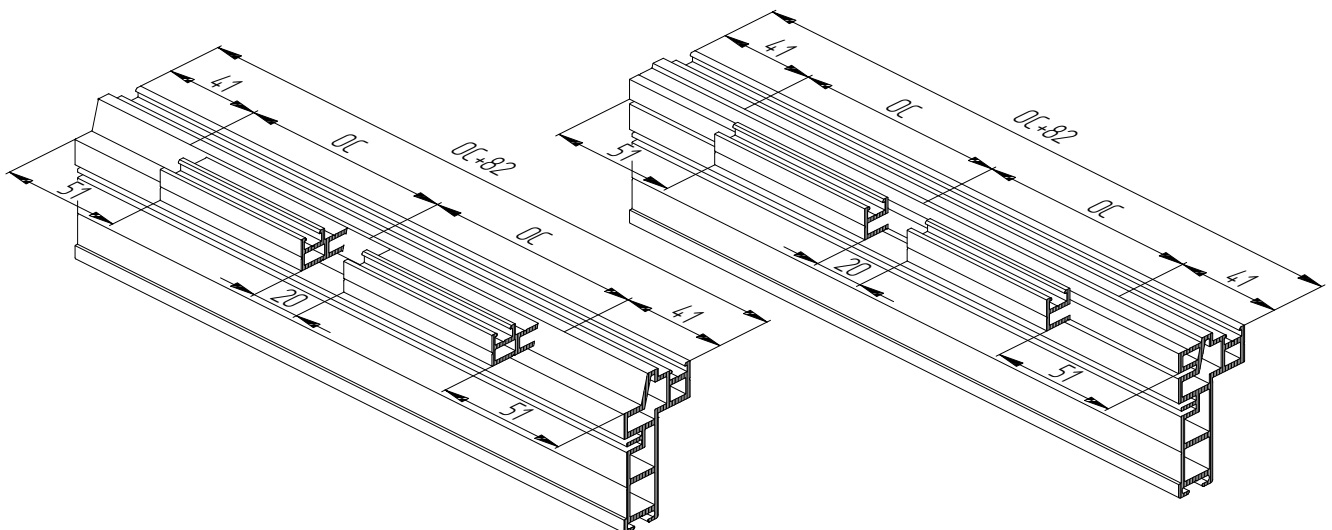
Upper junction



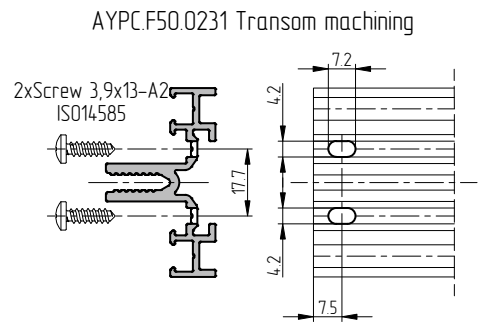
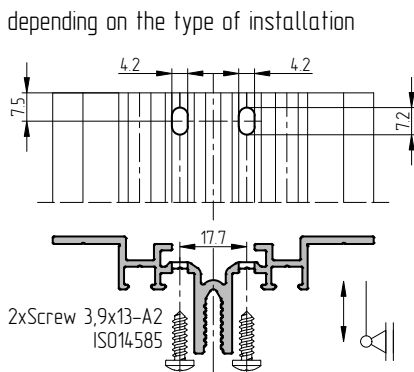
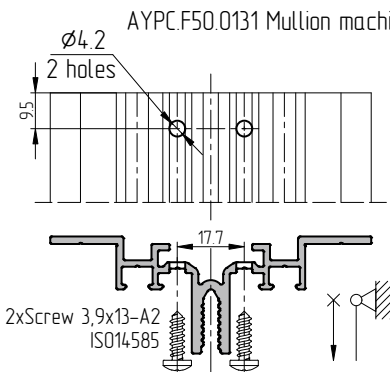
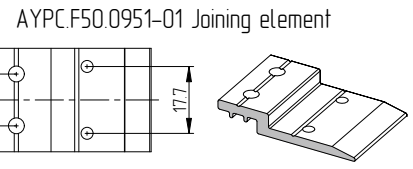
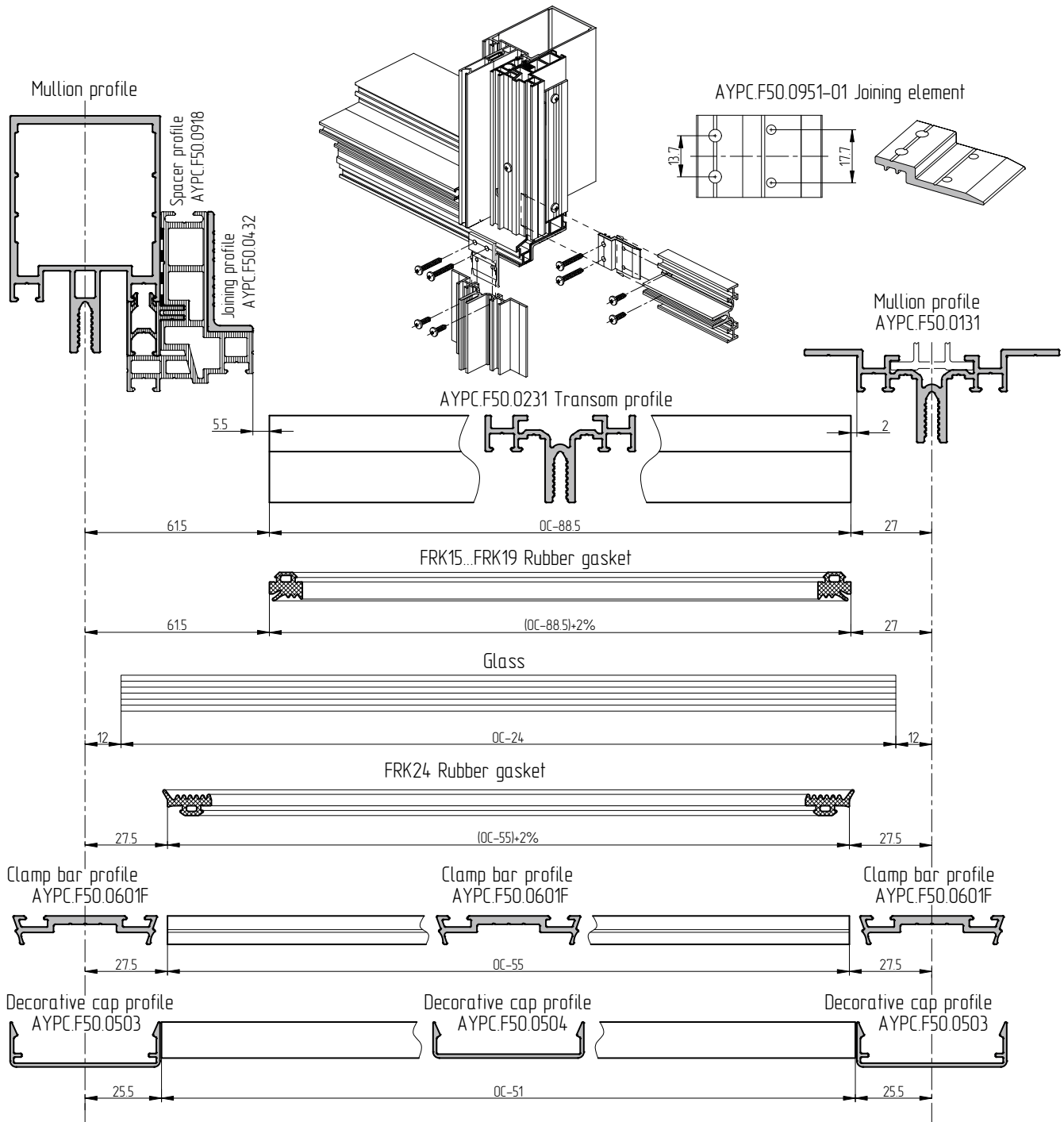
Machining of AYPC.F50.0918 spacer profile when using only two mullions



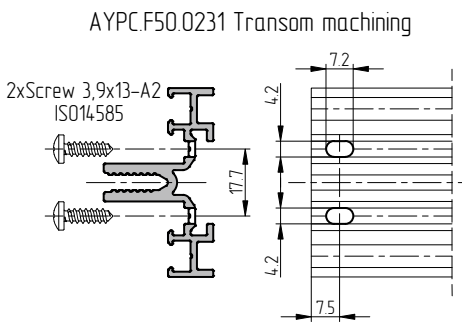
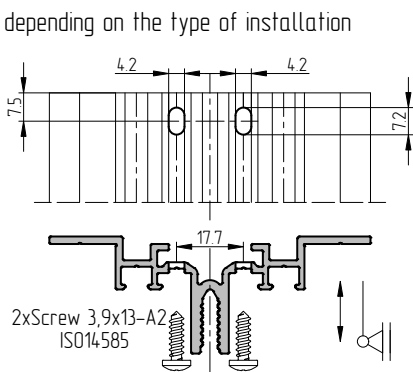
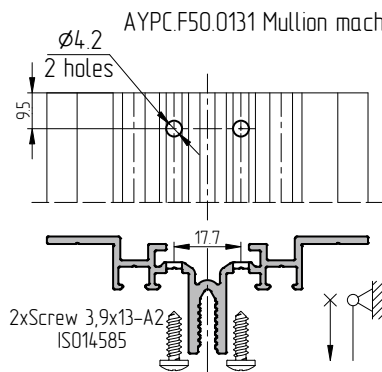
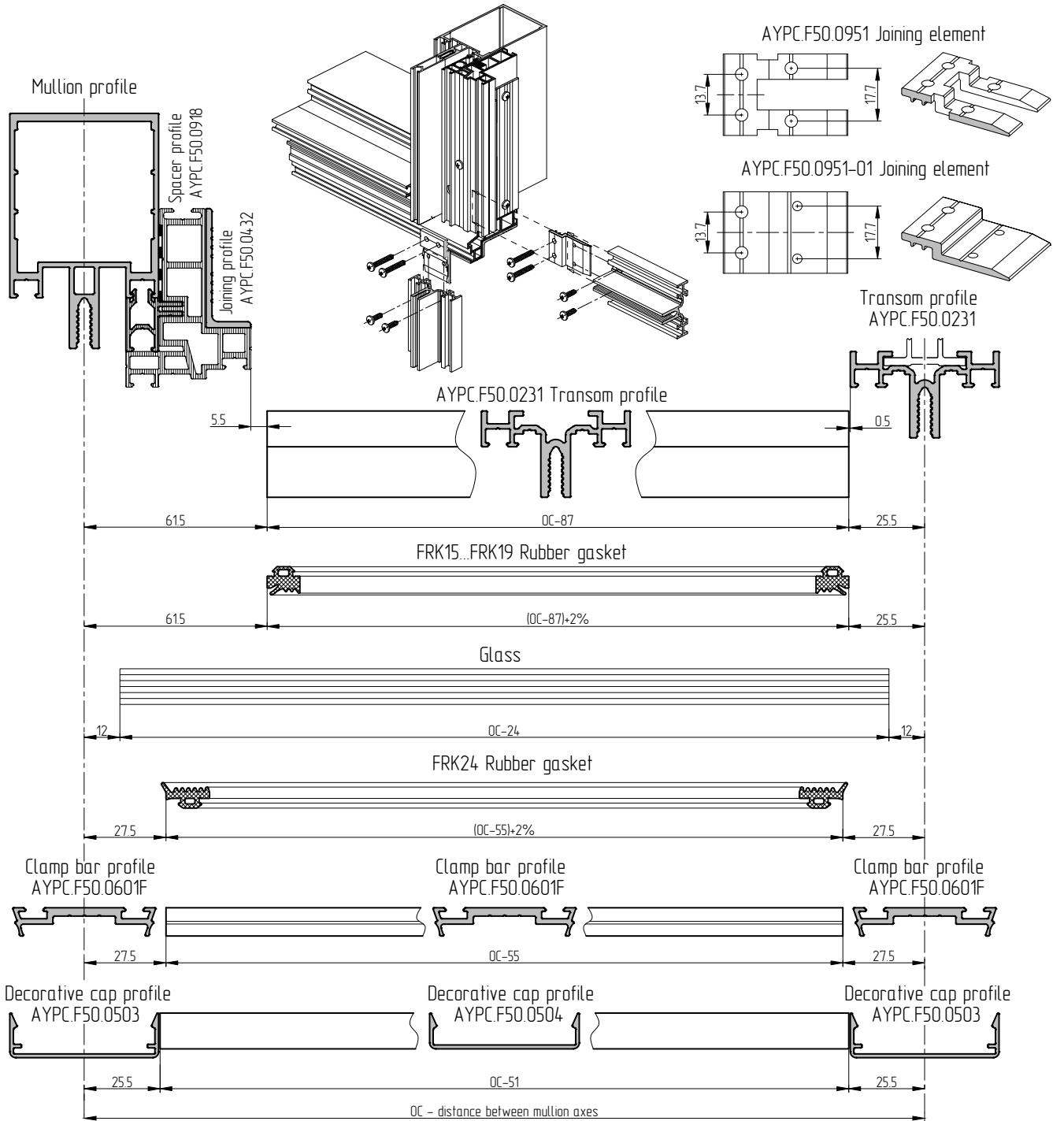
Machining of AYPC.F50.0918 spacer profile (ribbon windows)



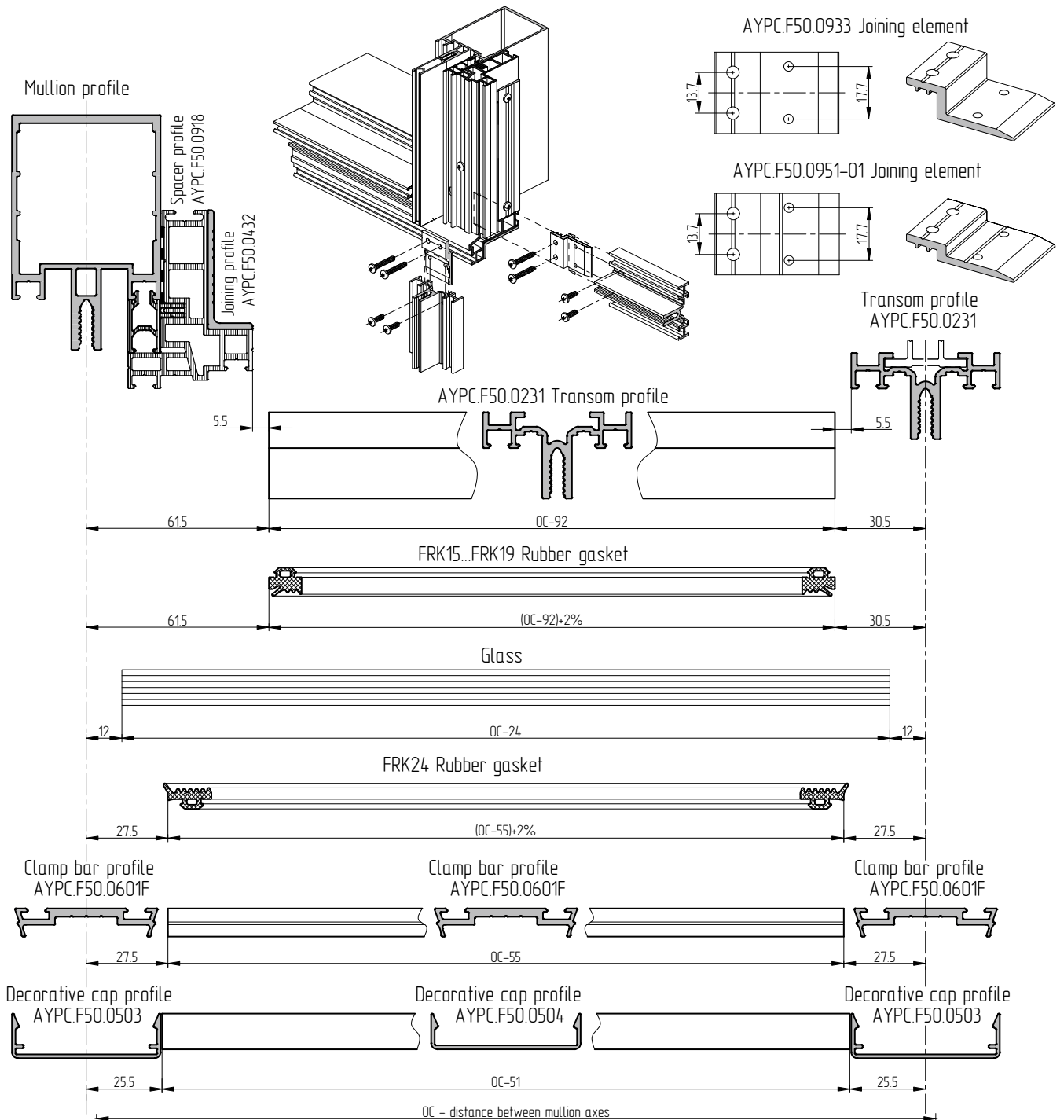
Connection of profiles of the "cold" and "hot" areas of the curtain wall using AYPC.F50.0951-01 joining element
(mullion and transom profiles overlap in the cold area of the curtain wall)



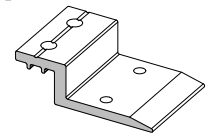
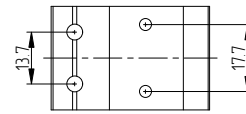
Connection of profiles of the "cold" and "hot" areas of the curtain wall using AYPC.F50.0951-01 joining element (bearing profiles of the "cold" area of the curtain wall are connected using AYPC.F50.0951 joining element)



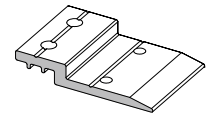
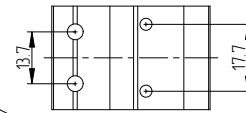
Connection of profiles of the "cold" and "hot" areas of the curtain wall using AYPC.F50.0951-01 joining element (bearing profiles of the "cold" area of the curtain wall are connected using AYPC.F50.0933 joining element)



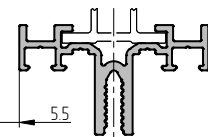
AYPC.F50.0933 Joining element



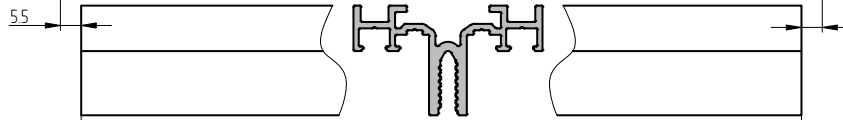
AYPC.F50.0951-01 Joining element



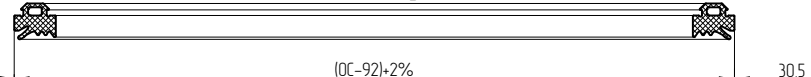
Transom profile
AYPC.F50.0231



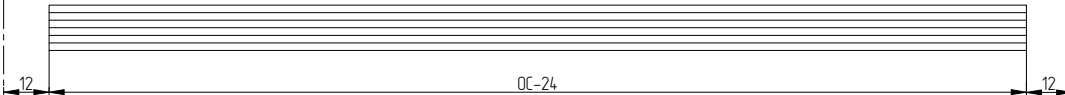
AYPC.F50.0231 Transom profile



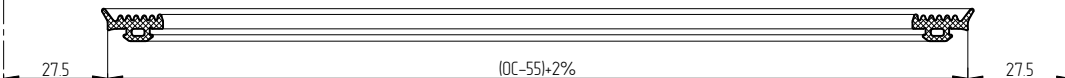
FRK15...FRK19 Rubber gasket



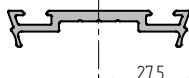
Glass



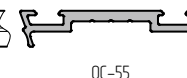
FRK24 Rubber gasket



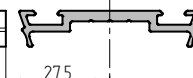
Clamp bar profile
AYPC.F50.0601F



Clamp bar profile
AYPC.F50.0601F



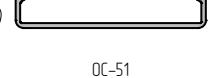
Clamp bar profile
AYPC.F50.0601F



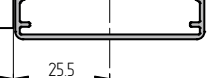
Decorative cap profile
AYPC.F50.0503



Decorative cap profile
AYPC.F50.0504

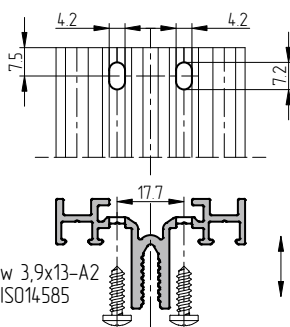
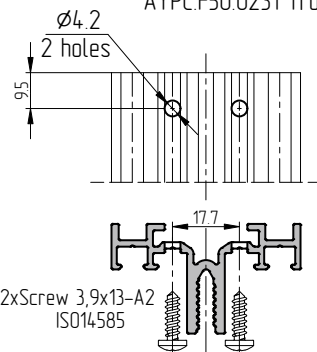


Decorative cap profile
AYPC.F50.0503

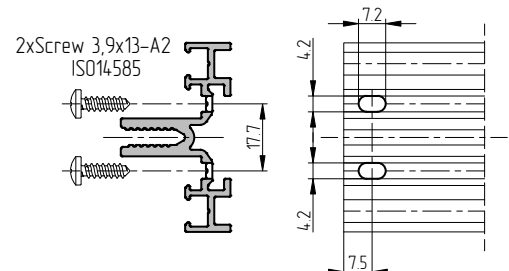


OC - distance between mullion axes

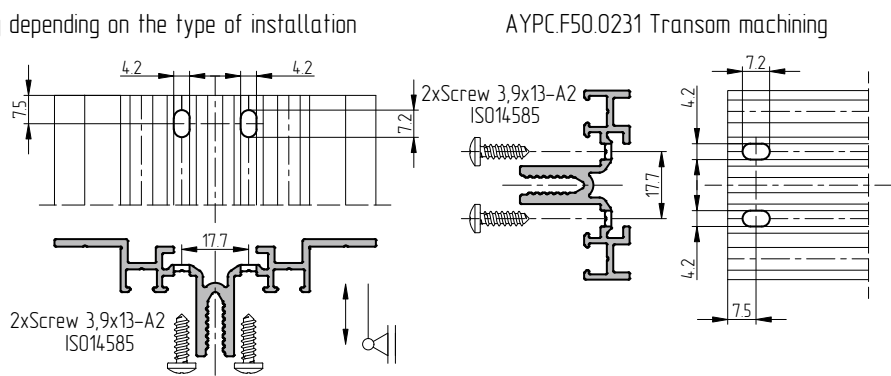
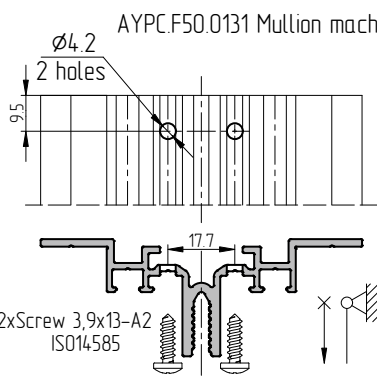
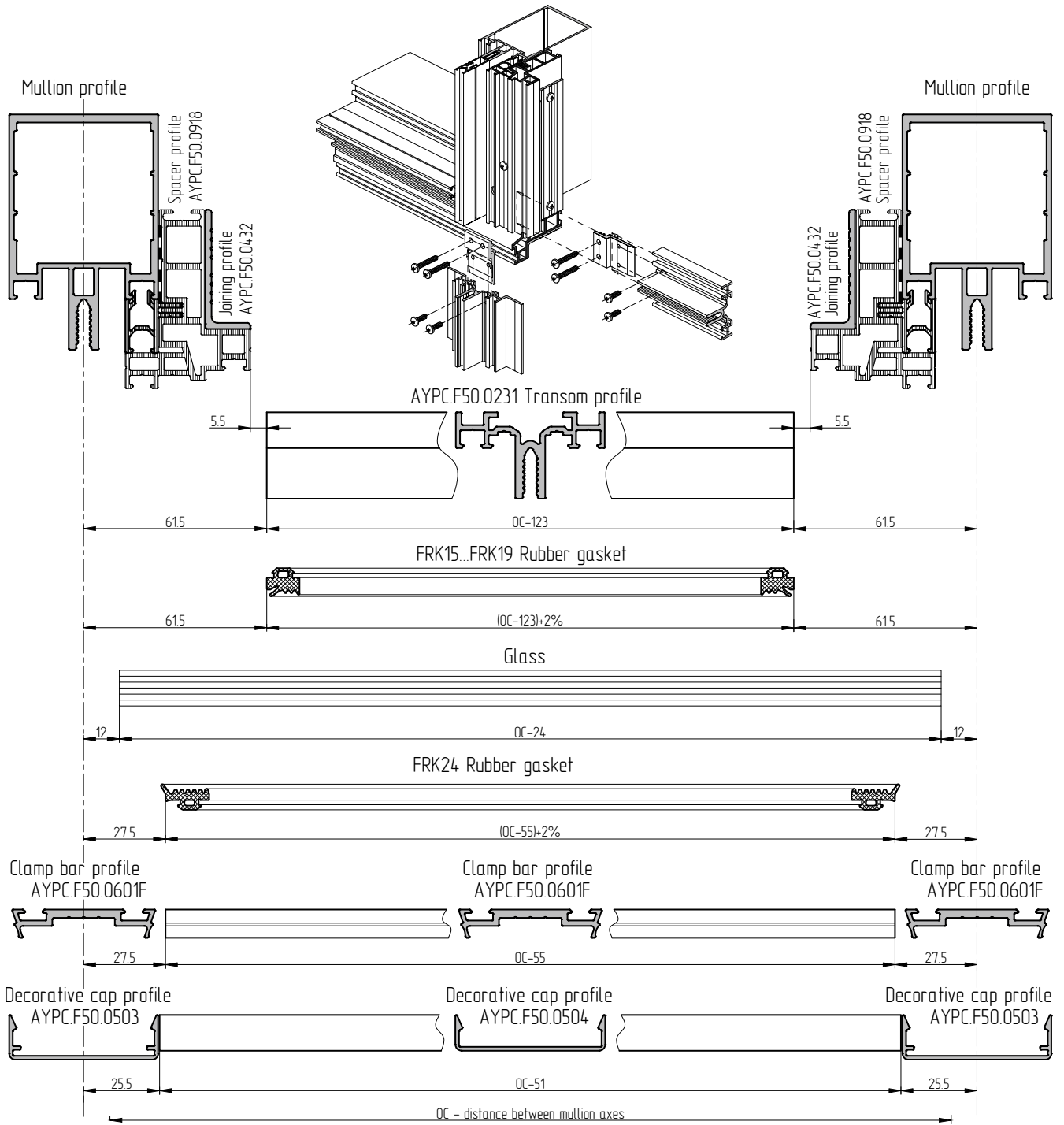
AYPC.F50.0231 Transom machining depending on the type of installation



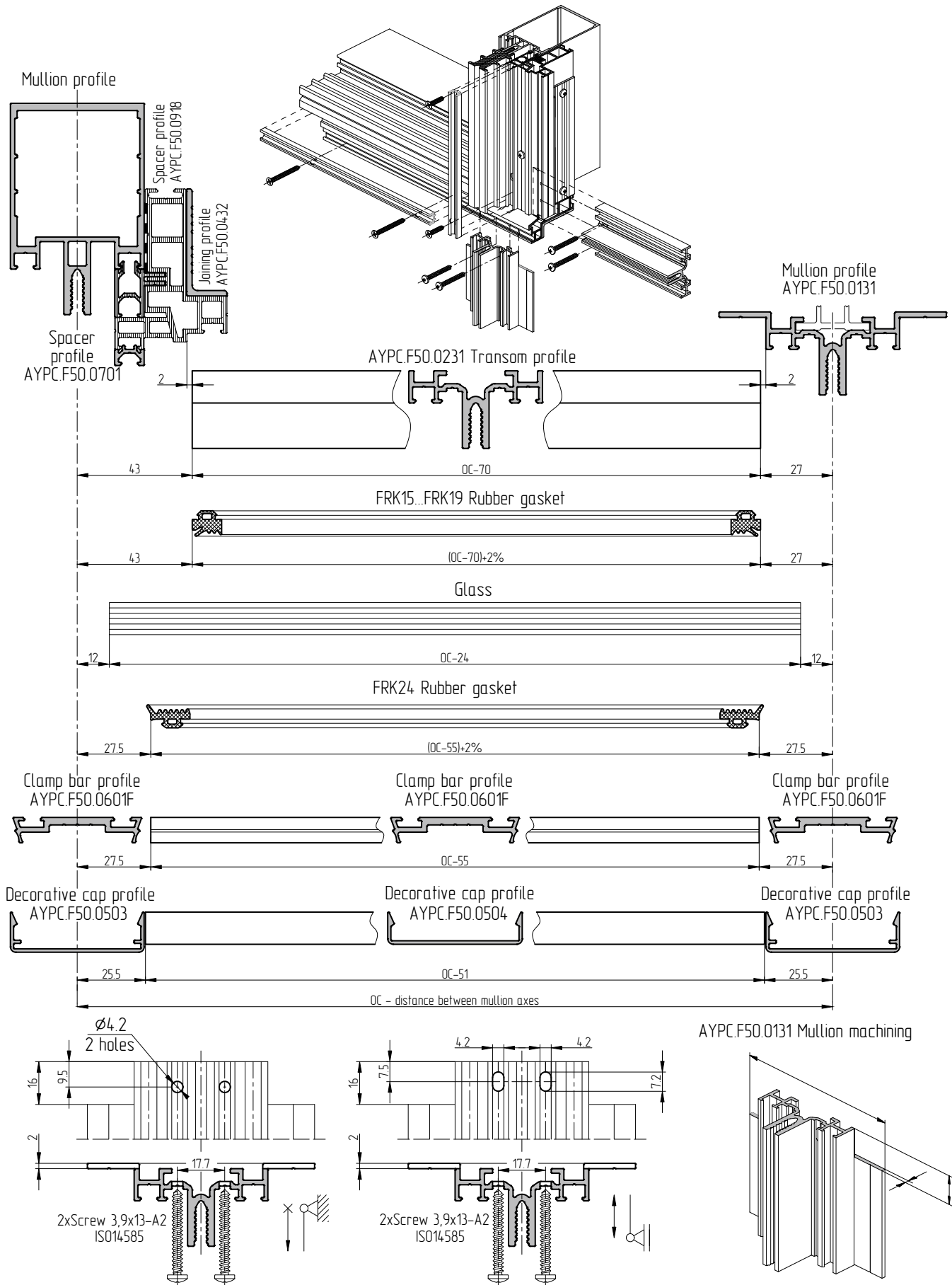
AYPC.F50.0231 Transom machining



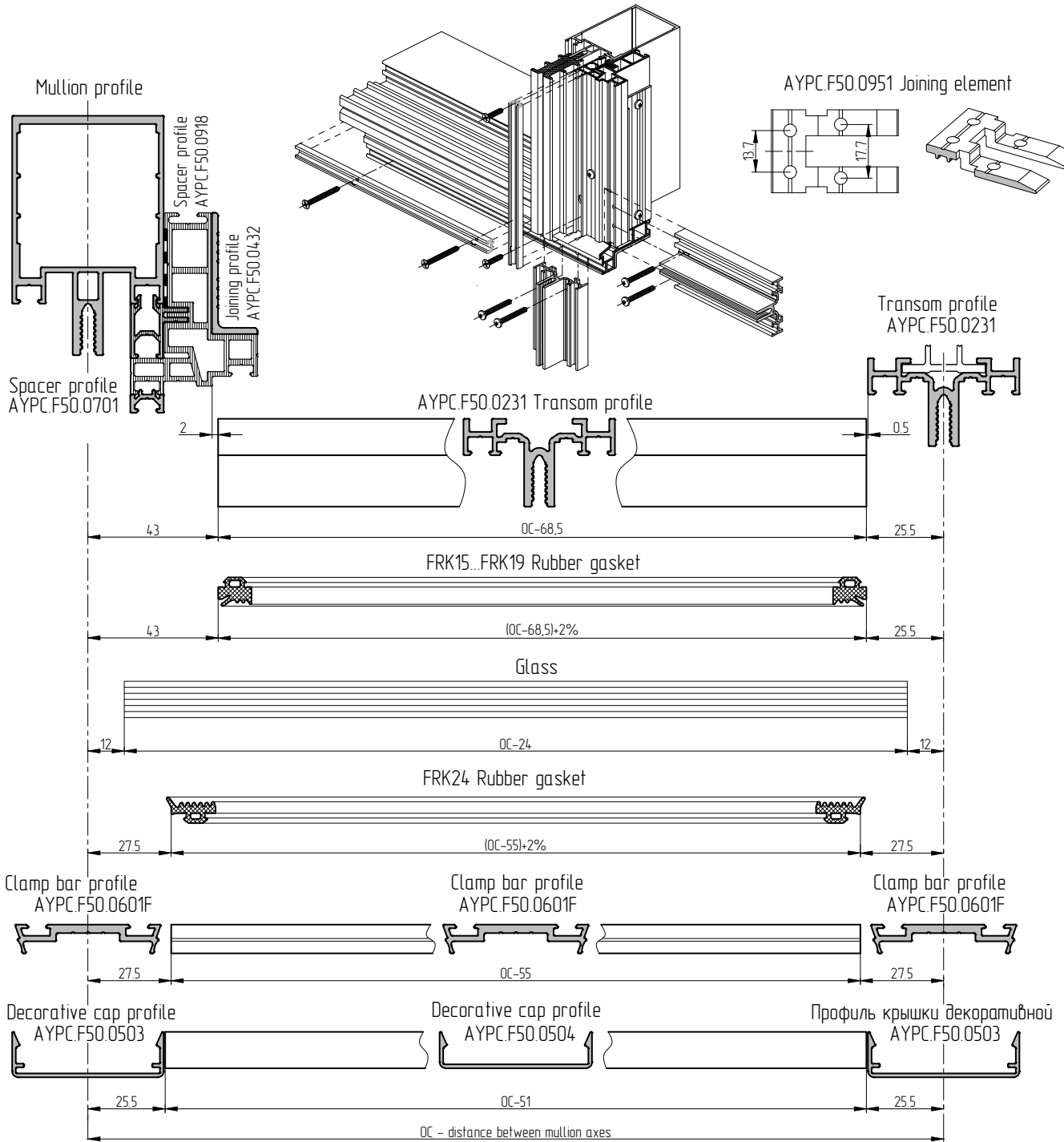
Connection of profiles of the "cold" and "hot" areas of the curtain wall using AYPC.F50.0951-01 joining element (bearing profiles of the "cold" area of the curtain wall are connected on both sides to profiles of the "hot" area using AYPC.F50.0951-01 joining element)



Overlap connection of the profiles of the "cold" and "hot" areas of the curtain wall
(mullion and transom profiles overlap in the "cold" area of the curtain wall)

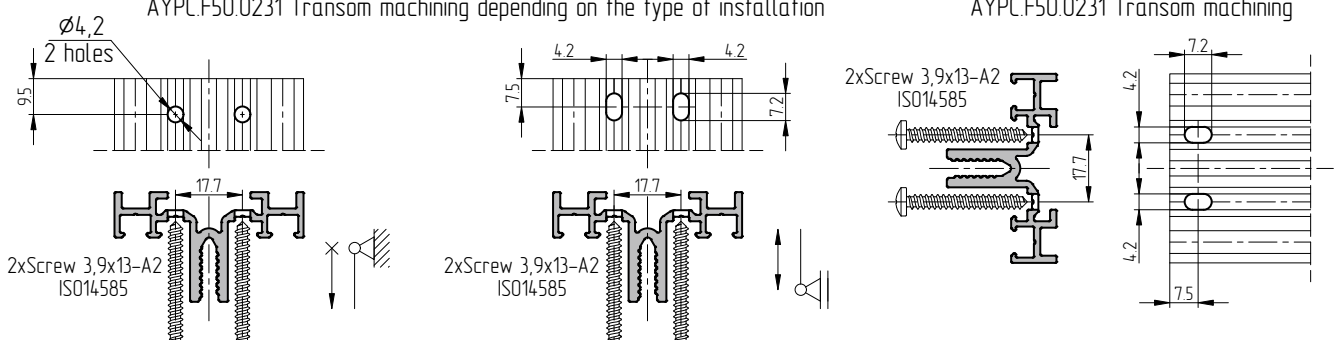


Overlap connection of the profiles of the "cold" and "hot" areas of the curtain wall (bearing profiles of the "cold" area of the curtain wall are connected using AYPC.F50.0951 joining element)

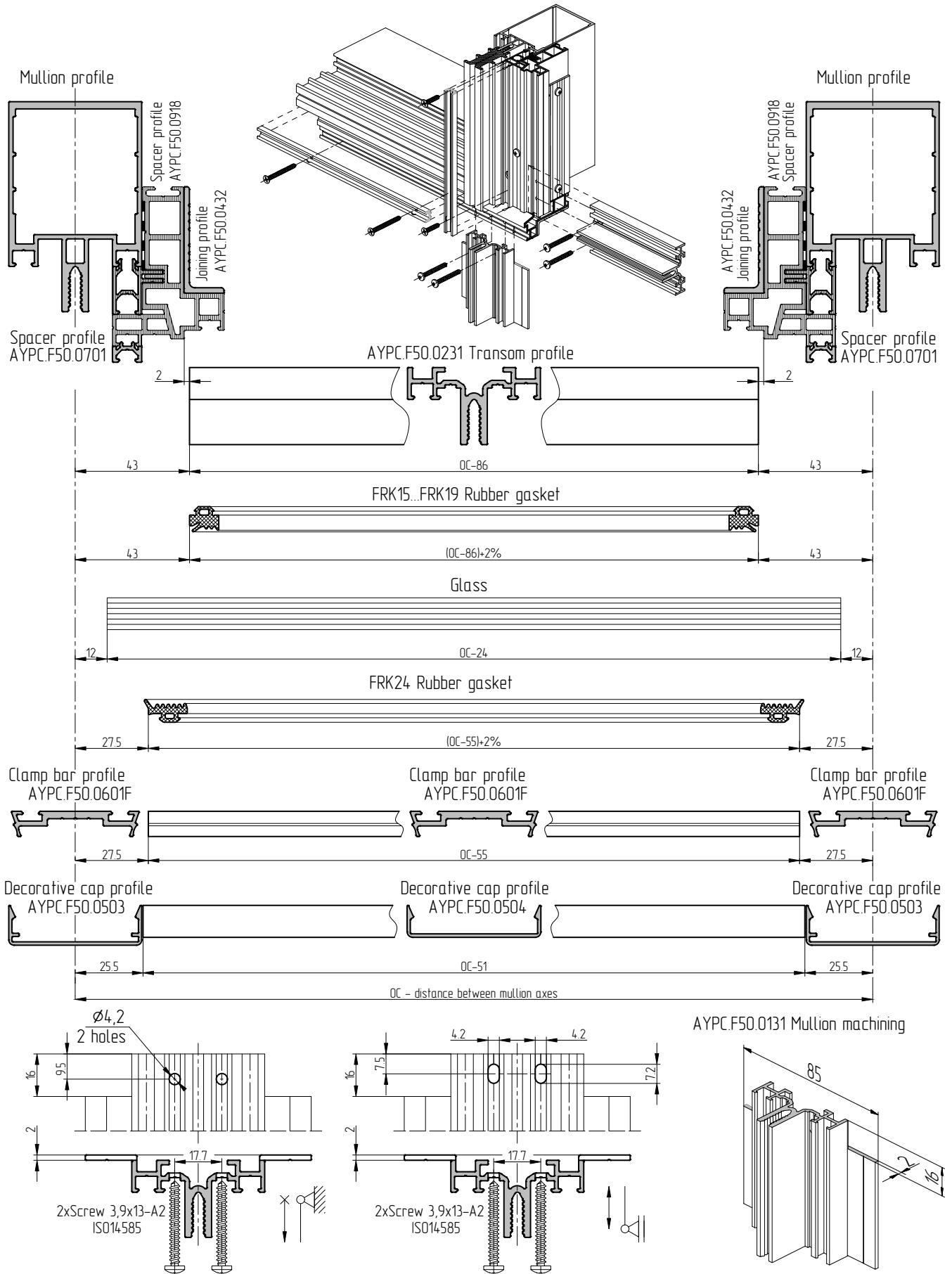


AYPC.F50.0231 Transom machining depending on the type of installation

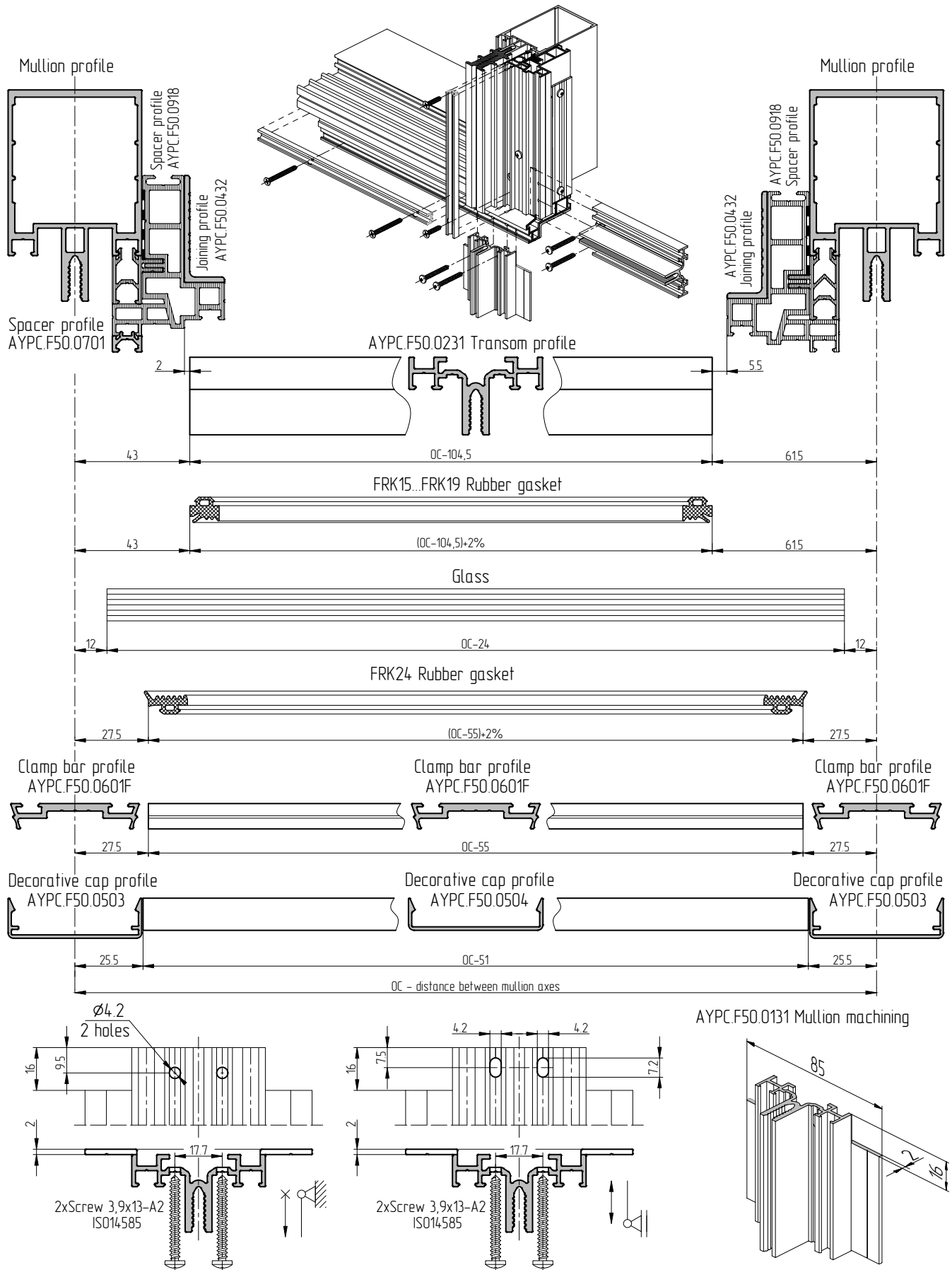
AYPC.F50.0231 Transom machining



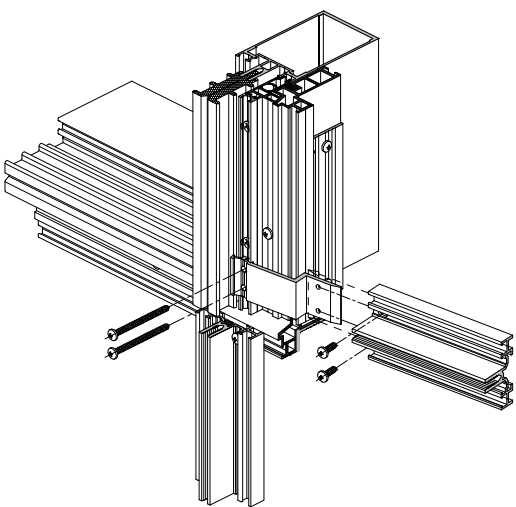
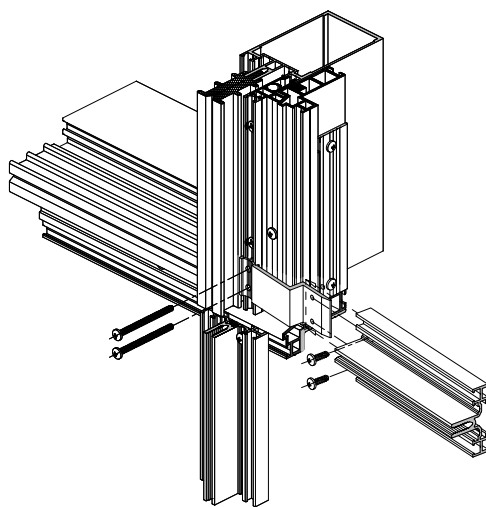
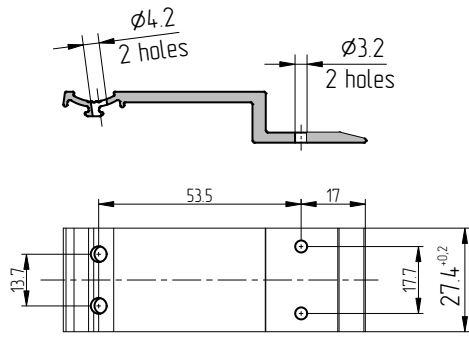
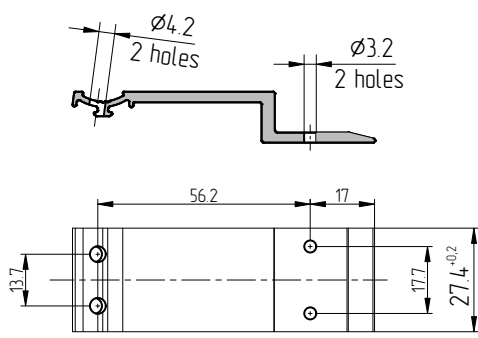
Overlap connection of the profiles of the "cold" and "hot" areas of the curtain wall (bearing profiles of the "cold" area of the curtain wall overlap on both sides with the profiles of the "hot" area)



Combined connection of profiles of the "hot" and "cold" curtain wall areas (bearing profiles of the "cold" area of the curtain wall are connected on both sides to profiles of the "hot" area: on one side there is an overlap connection, on the other they are connected using AYPC.F50.0951-01 joining element)

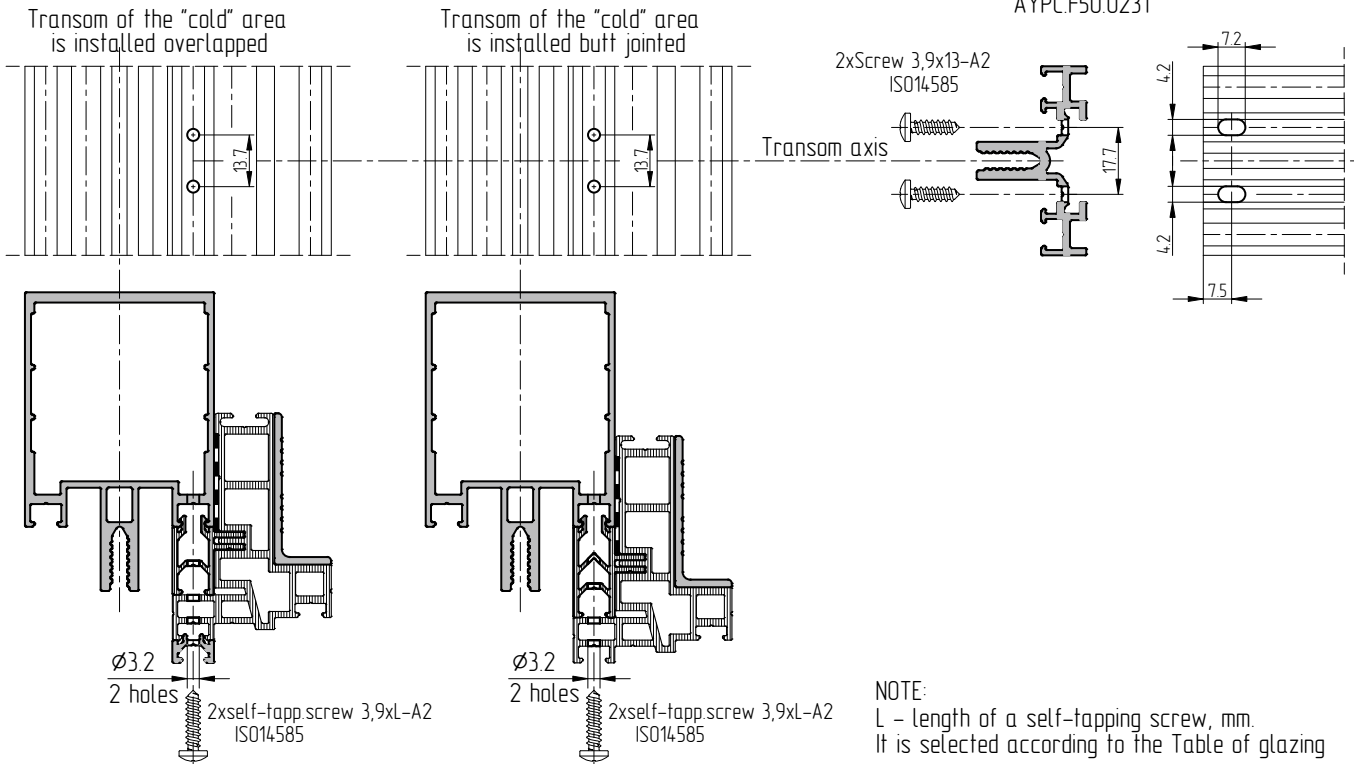


Connection of profiles of the "hot" and "cold" curtain wall areas at an angle of up to $\pm 7.5^\circ$ in plan view using AYPC.F50.0435 joining element

Name	Angle in plain view $+7.5^\circ$	Angle in plain view $+7.5^\circ$
"hot" area assembled		
Joining element made of AYPC.F50.0435 profile	 <p>Note: holes $\varnothing 4.2$ are drilled on-site</p>	 <p>Note: holes $\varnothing 4.2$ are drilled on-site</p>

Mullion machining of the "hot" curtain wall area assembled

Transom machining AYPC.F50.0231





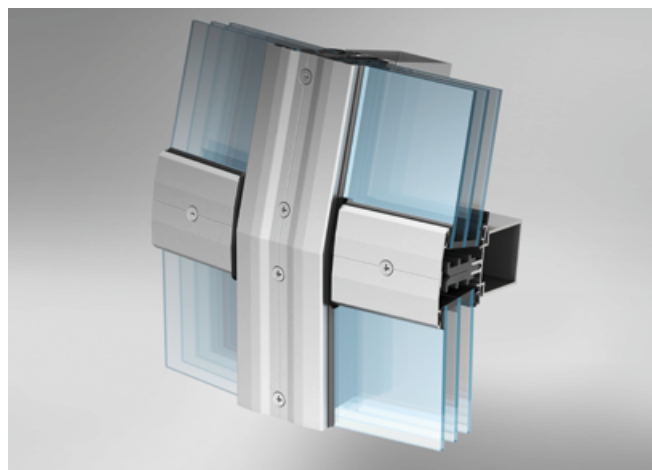
ALUTECH
ALUMINIUM
PROFILE SYSTEMS

ALT SKL50

SKYLIGHT SYSTEM

System description05.01.01
Glazing table	05.02.01
Sections and junctions	05.03.01
Machining and assembly	
Ventilation and moisture drainage.	05.04.01
Assembly and installation	05.04.04

ALT SKL50 System is designed for the manufacturing of inclined translucent skylights, domes and other spatial structures. Inclined or vertical (mullions) and horizontal (transoms) elements with a visible width of 50 mm form the frame of the bearing structure.



Depending on the structure of the object and the loads on the building envelope, the designer has the opportunity to select the necessary load-bearing elements. To do this, ALT SKL50 series provides a wide range of mullions and transoms. In addition, at particularly high loads, all mullions and transoms can be reinforced. Reinforcing profiles of ALT F50 system are used in this series.

Horizontal changes in the dimensions of structural elements due to temperature fluctuations are balanced by means of special transom machining.

In order to obtain the necessary thermal and sound insulation properties of the building envelope, a set of sealing gaskets based on ethylene-propylene rubber (EPDM) and rebate gaskets of the glass unit made of foamed materials are used.

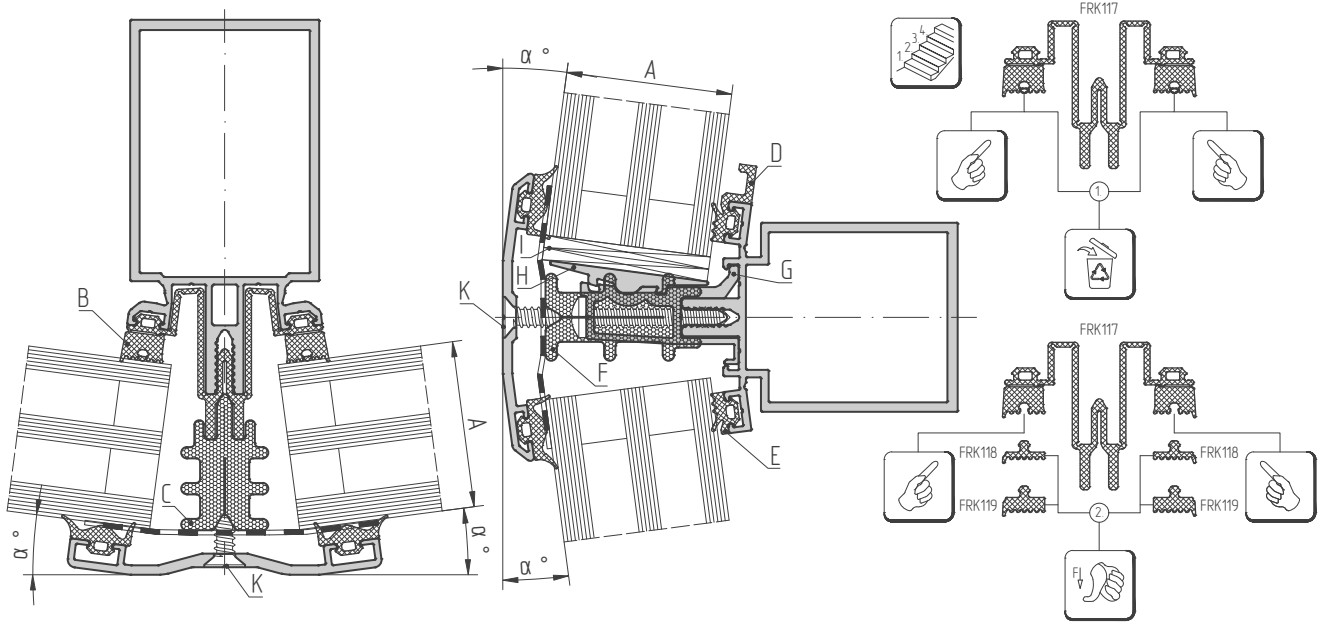
The system provides the possibility to install infill units from 34 to 56 mm. An infill unit with thicknesses from 6 mm is also available with spacer inserts

All fixing elements should be corrosion-resistant or made of stainless steel (class A2 or higher), which would prevent the process of corrosion and ensure a long service life of the translucent structures without loss in strength parameters.

In SKL50 series, FRK117 gasket is used (if necessary, with additional FRK118 and FRK119 gaskets), which is installed along the entire length of the mullion profiles. It facilitates moisture collection and removal from the whole structure (ensures moisture removal from the breaking points of the mullion).

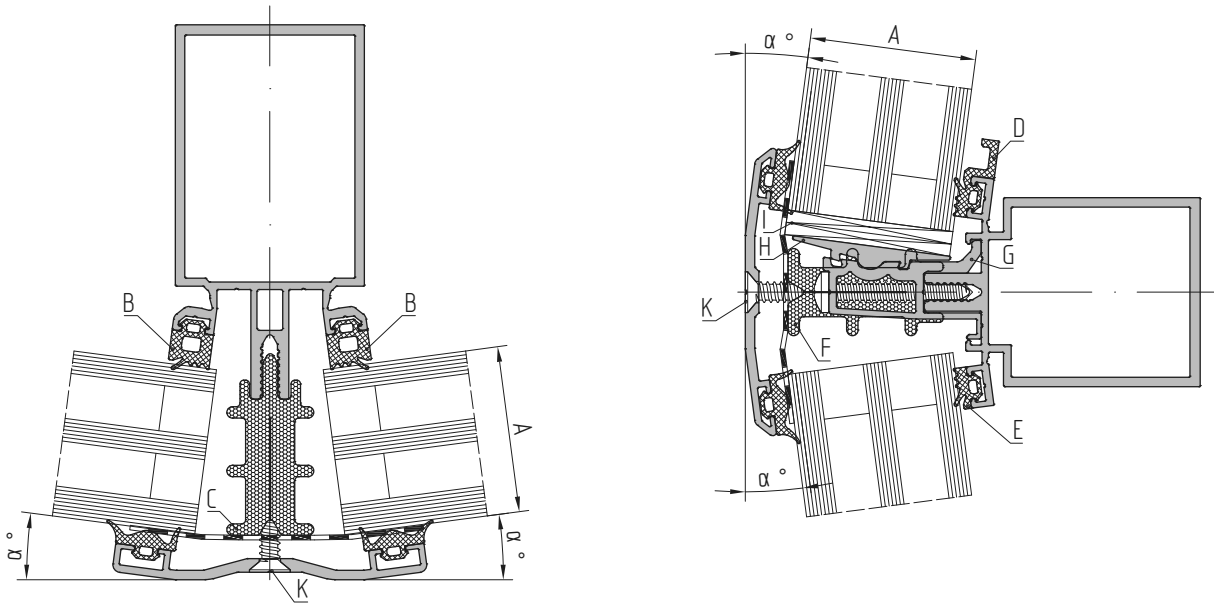
Rotation/break of the structure can be realized by bending the flanges to fit the gasket on mullion profiles (bending from 0° to 45° on one flange) and bending the flanges to fit the gasket on transom profiles (from 0° to 15° on one flange). BMSKL50 bending machine is used for bending the flanges to fit the gasket.

Glazing of translucent curtain wall system



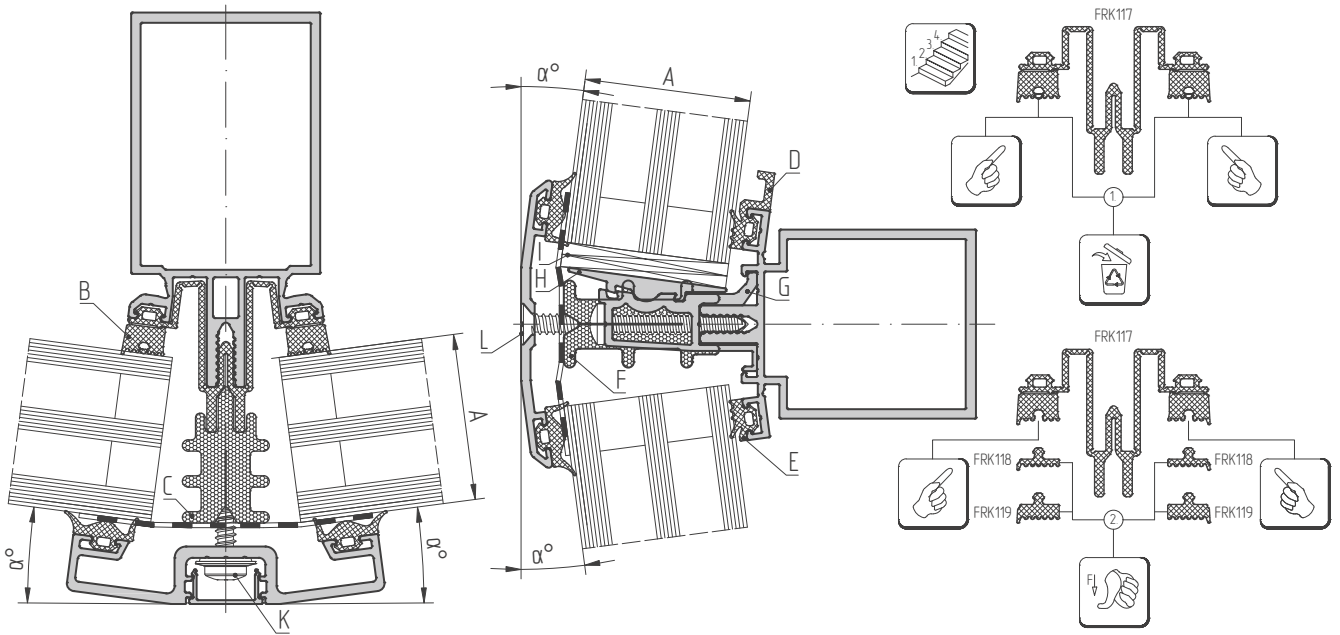
Infill unit thickness	Gasket on mullion	Thermal break on mullion	Gasket on transom	Thermal break on transom	Support for glass																				
					Bearing	Rotary "H" Corner α				Leveling "I" Corner α															
						0-7.5°		7.5-15°		0-7.5°		7.5-15°													
A	B	C	D/E	F	G																				
34	FRK117+ FRK119	AYPC.F50.0908	FRK22/FRK16	AYPC.F50.0910	AYPC.SKL50.0947 2x 5,5x32-A2ISO14585	AYPC.SKL50.0948		AYPC.SKL50.0949		100x38	100x38														
36	FRK117+ FRK118		FRK21/FRK15																						
38	FRK117		FRK20/FRK14																						
40	FRK117+ FRK119	AYPC.F50.0909	FRK22/FRK16	AYPC.F50.0911	AYPC.SKL50.0950 2x 5,5x38-A2ISO14585	AYPC.SKL50.0951		AYPC.SKL50.0952		100x44	100x44														
42	FRK117+ FRK118		FRK21/FRK15																						
44	FRK117		FRK20/FRK14																						
46	FRK117+ FRK119	AYPC.F50.0910	FRK22/FRK16	AYPC.F50.0912	AYPC.SKL50.0953 2x 5,5x42-A2ISO14585	AYPC.SKL50.0954		AYPC.SKL50.0955		100x50	100x50														
48	FRK117+ FRK118		FRK21/FRK15																						
50	FRK117		FRK20/FRK14																						
52	FRK117+ FRK119	AYPC.F50.0911	FRK22/FRK16	AYPC.F50.0913	AYPC.SKL50.0956 2x 5,5x45-A2ISO14585	AYPC.SKL50.0957		AYPC.SKL50.0958		100x56	100x56														
54	FRK117+ FRK118		FRK21/FRK15																						
56	FRK117		FRK20/FRK14																						
Infill unit thickness	34-38						40-44						46-50				50-56								
Corner α	7.5°	15°	22.5°	30°	37.5°	45°	7.5°	15°	22.5°	30°	37.5°	45°	7.5°	15°	22.5°	30°	37.5°	45°	7.5°	15°	22.5°	30°	37.5°	45°	
Self-tapping screw "K" \varnothing 5,5-A2ISO14586																									
Mullion	x55	x55	x55	x55	x55	x50	x60	x60	x60	x60	x60	x55	x65	x65	x65	x65	x70	x70	x65	x70	x70	x75	x75	x75	x75
Transom	x55	x55	-	-	-	-	x60	x65	-	-	-	-	x65	x70	-	-	-	-	x70	x75	-	-	-	-	-

Glazing of translucent curtain wall system



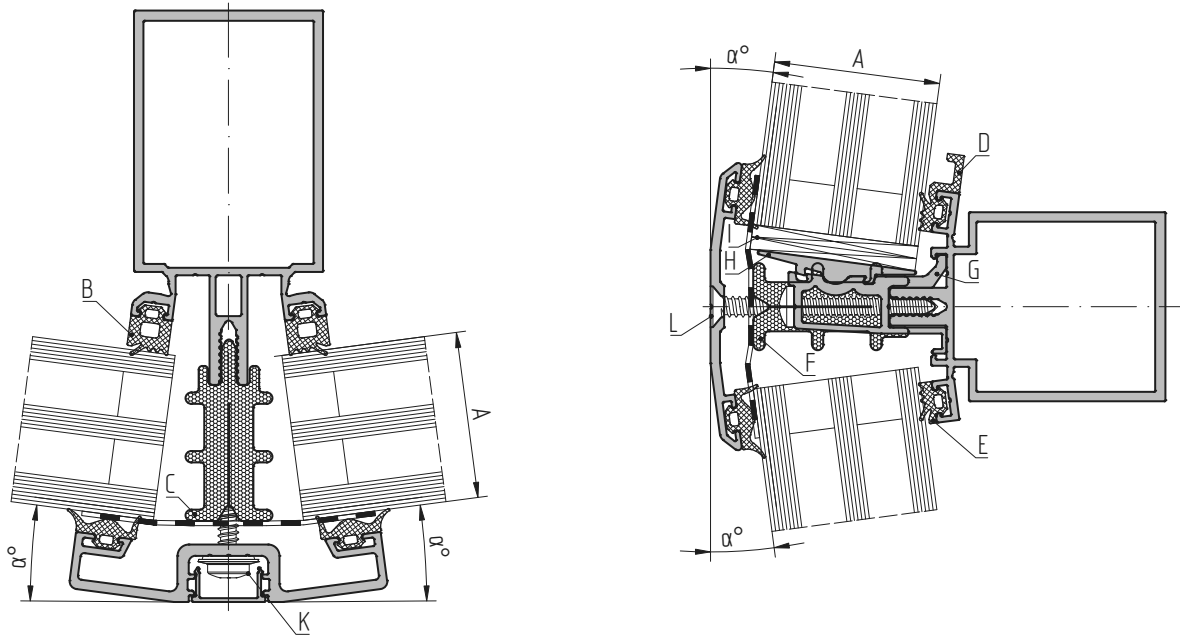
Infill unit thickness	Gasket on mullion	Thermal break on mullion	Gasket on transom	Thermal break on transom	Support for glass																					
					Bearing	Rotary "H"				Leveling "I"																
						Corner α		Corner α		Corner α		Corner α														
A	B	C	D/E	F	G	7.5°	15°	7.5°	15°	7.5°	15°															
34	FRK19	AYPC.F50.0908	FRK22/FRK16	AYPC.F50.0910	AYPC.SK150.0947 2x 5.5x32-A2ISO14585	AYPC.SK150.0948	AYPC.SK150.0949	100x38	100x38	100x38	100x38															
36	FRK18		FRK21/FRK15																							
38	FRK17		FRK20/FRK14																							
40	FRK19	AYPC.F50.0909	FRK22/FRK16	AYPC.F50.0911	AYPC.SK150.0950 2x 5.5x38-A2ISO14585	AYPC.SK150.0951	AYPC.SK150.0952	100x44	100x44	100x44	100x44															
42	FRK18		FRK21/FRK15																							
44	FRK17		FRK20/FRK14																							
46	FRK19	AYPC.F50.0910	FRK22/FRK16	AYPC.F50.0912	AYPC.SK150.0953 2x 5.5x42-A2ISO14585	AYPC.SK150.0954	AYPC.SK150.0955	100x50	100x50	100x50	100x50															
48	FRK18		FRK21/FRK15																							
50	FRK17		FRK20/FRK14																							
52	FRK19	AYPC.F50.0911	FRK22/FRK16	AYPC.F50.0913	AYPC.SK150.0956 2x 5.5x45-A2ISO14585	AYPC.SK150.0957	AYPC.SK150.0958	100x56	100x56	100x56	100x56															
54	FRK18		FRK21/FRK15																							
56	FRK17		FRK20/FRK14																							
Infill unit thickness	34-38						40-44						46-50						50-56							
Corner α	7.5°	15°	22.5°	30°	37.5°	45°	7.5°	15°	22.5°	30°	37.5°	45°	7.5°	15°	22.5°	30°	37.5°	45°	7.5°	15°	22.5°	30°	37.5°	45°		
Self-tapping screw "K" \varnothing 5,5-A2ISO14586																										
Mullion	x55	x55	x55	x55	x55	x50	x60	x60	x60	x60	x60	x55	x65	x65	x65	x65	x70	x70	x65	x70	x70	x70	x75	x75	x75	x75
Transom	x55	x55	-	-	-	-	x60	x65	-	-	-	-	x65	x70	-	-	-	-	x70	x75	-	-	-	-		

Glazing of translucent curtain wall system



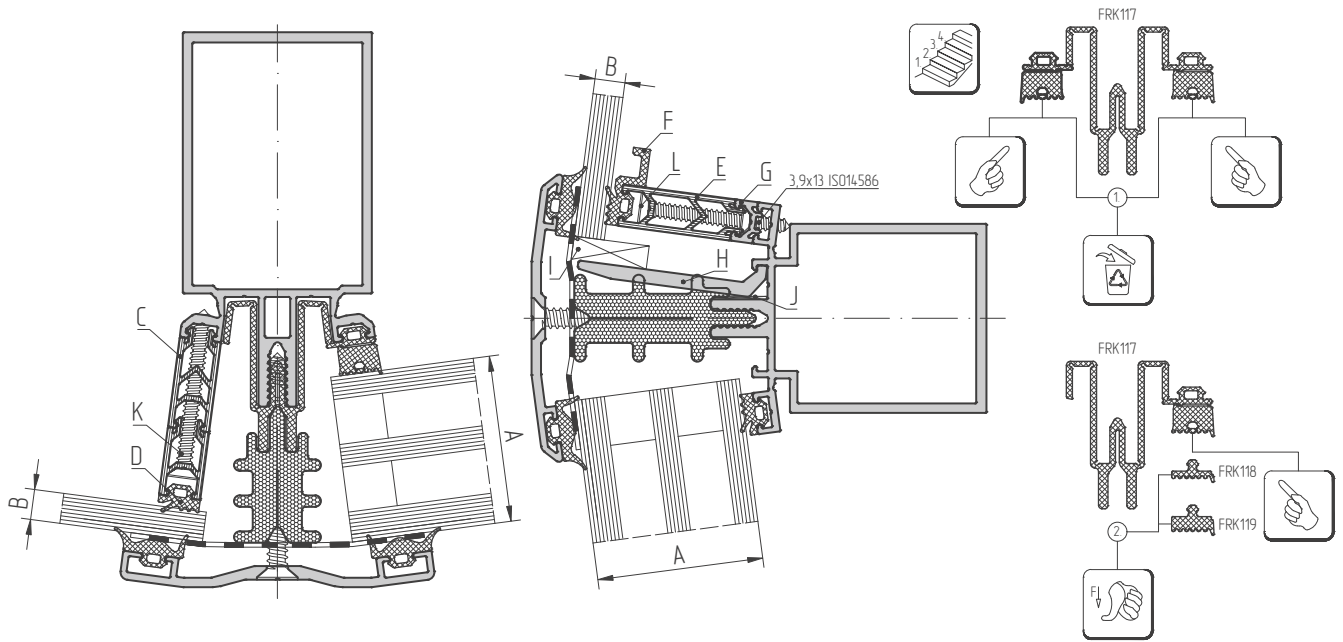
Infill unit thickness	Gasket on mullion		Gasket on transom		Thermal break on transom	Support for glass								Infill unit thickness	Corner	Thermal break on mullion					
	Bearing		Rotary "H" Corner α			Leveling "I" Corner α		Infill unit thickness		Corner	Thermal break on mullion										
A	B	D/E	F	G	7.5°	15°	7.5°	15°	A			α	C								
34	FRK117+ FRK119	FRK22/FRK16	AYPC.F50.0910	AYPC.SKL50.094.7 2x 5,5x32-A2IS014.585	AYPC.SKL50.094.8	AYPC.SKL50.094.9	100x38	100x38	34-38	7.5°	AYPC.F50.0908										
36	FRK117+ FRK118	FRK21/FRK15								15°	AYPC.F50.0908										
38	FRK117	FRK20/FRK14								22.5°	-										
			30°	-																	
40	FRK117+ FRK119	FRK22/FRK16	AYPC.F50.0911	AYPC.SKL50.0950 2x 5,5x38-A2IS014.585	AYPC.SKL50.0951	AYPC.SKL50.0952	100x44	100x44	40-44	7.5°	AYPC.F50.0909										
42	FRK117+ FRK118	FRK21/FRK15								15°	AYPC.F50.0909										
44	FRK117	FRK20/FRK14								22.5°	AYPC.F50.0908										
			30°	AYPC.F50.0908																	
46	FRK117+ FRK119	FRK22/FRK16	AYPC.F50.0912	AYPC.SKL50.0953 2x 5,5x42-A2IS014.585	AYPC.SKL50.0954	AYPC.SKL50.0955	100x50	100x50	46-50	7.5°	AYPC.F50.0910										
48	FRK117+ FRK118	FRK21/FRK15								15°	AYPC.F50.0910										
50	FRK117	FRK20/FRK14								22.5°	AYPC.F50.0909										
			30°	AYPC.F50.0909																	
52	FRK117+ FRK119	FRK22/FRK16	AYPC.F50.0913	AYPC.SKL50.0956 2x 5,5x45-A2IS014.585	AYPC.SKL50.0957	AYPC.SKL50.0958	100x56	100x56	50-56	7.5°	AYPC.F50.0911										
54	FRK117+ FRK118	FRK21/FRK15								15°	AYPC.F50.0911										
56	FRK117	FRK20/FRK14								22.5°	AYPC.F50.0910										
			30°	AYPC.F50.0910																	
											37.5°	AYPC.F50.0910									
Infill unit thickness	34-38					40-44					46-50					50-56					
Corner α	7.5°	15°	22.5°	30°	37.5°	7.5°	15°	22.5°	30°	37.5°	7.5°	15°	22.5°	30°	37.5°	7.5°	15°	22.5°	30°	37.5°	
Self-tapping screw "K" Ø5,5-A2IS014.585																					
Mullion	x55	x50	x50	x45	x42	x60	x55	x55	x55	x50	x65	x65	x60	x60	x60	x70	x70	x70	x65	x65	
Self-tapping screw "L" Ø5,5-A2IS014.586																					
Transom	x55	x55	-	-	-	x60	x65	-	-	-	x65	x70	-	-	-	x70	x75	-	-	-	

Glazing of translucent curtain wall system

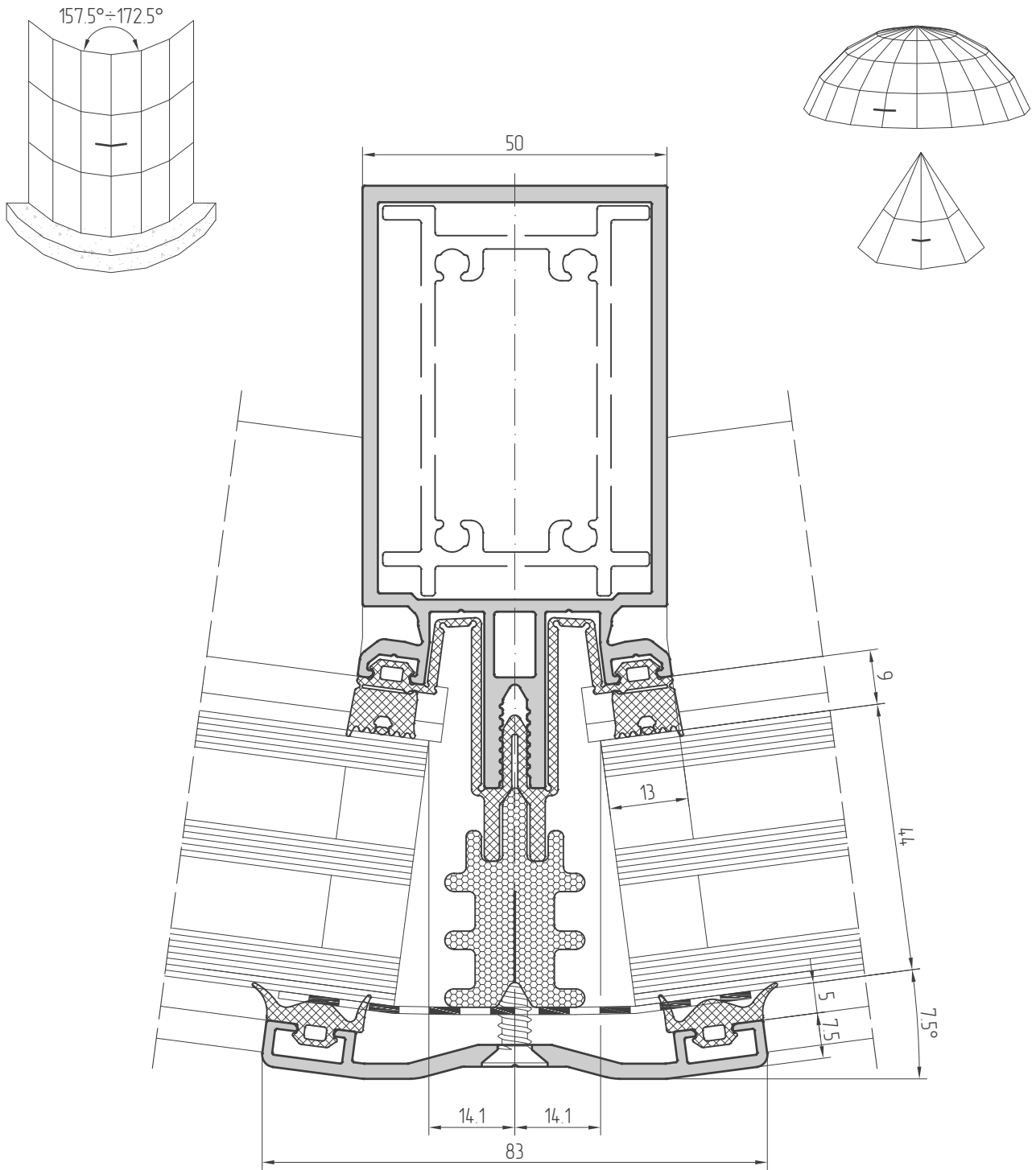


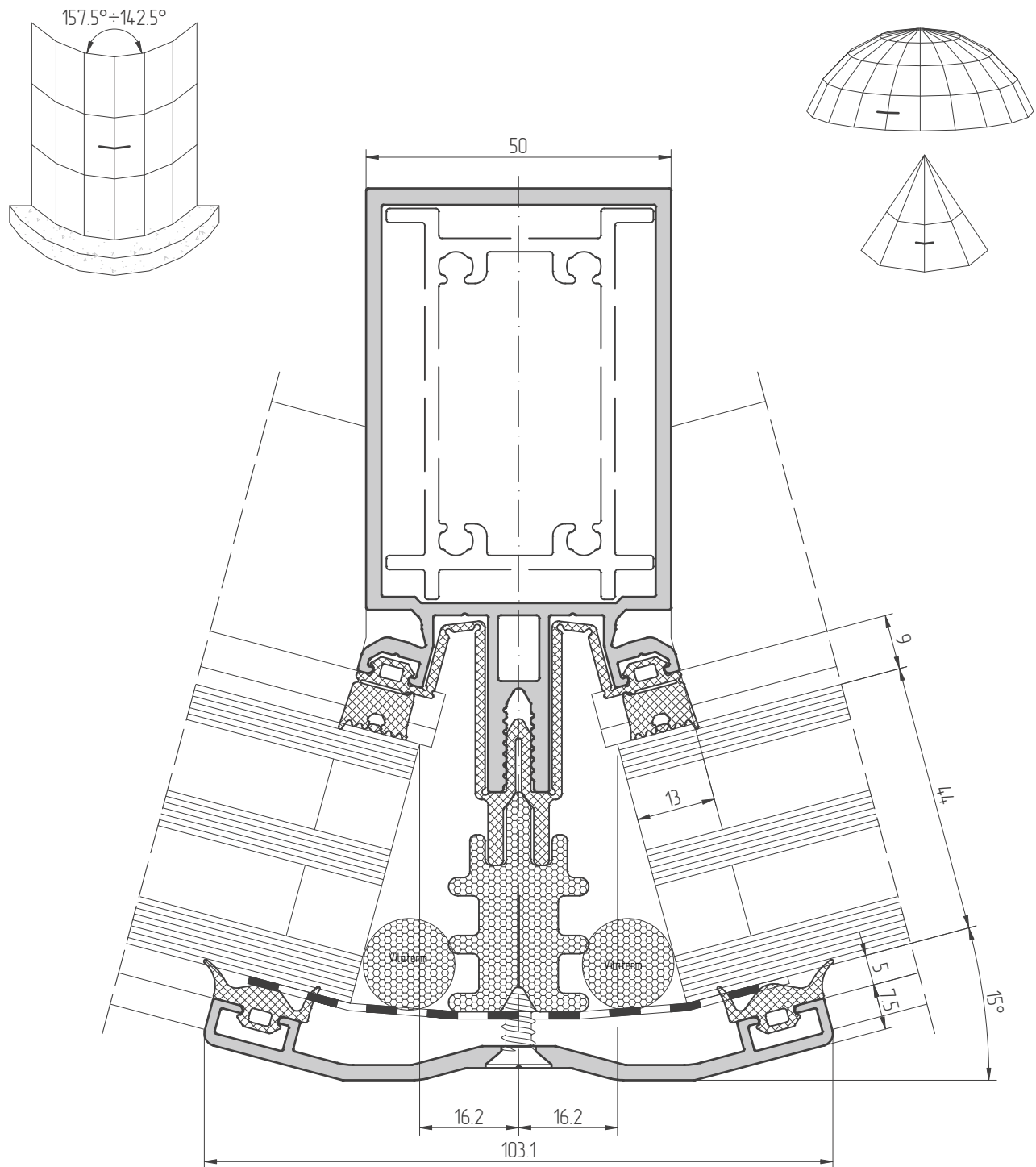
Infill unit thickness	Gasket on mullion		Gasket on transom		Thermal break on transom		Support for glass								Infill unit thickness	Corner	Thermal break on mullion			
	B		D/E		F		Bearing	Rotary "H"		Leveling "I"		A		alpha				F		
								Corner alpha		Corner alpha										
A	B		D/E		F		G	7.5°	15°	7.5°	15°	A		alpha	F					
34	FRK19		FRK22/FRK16		AYPC.F50.0910		AYPC.SK150.0947 2x 5,5x32-A2IS014585	AYPC.SK150.0948	AYPC.SK150.0949	100x38	100x38	34-38		7.5°	AYPC.F50.0910					
36	FRK18		FRK21/FRK15		AYPC.F50.0910		AYPC.SK150.0947 2x 5,5x32-A2IS014585	AYPC.SK150.0948	AYPC.SK150.0949	100x38	100x38	34-38		15°	AYPC.F50.0910					
38	FRK17		FRK20/FRK14		AYPC.F50.0910		AYPC.SK150.0947 2x 5,5x32-A2IS014585	AYPC.SK150.0948	AYPC.SK150.0949	100x38	100x38	34-38		22.5°	AYPC.F50.0909					
	FRK17		FRK20/FRK14		AYPC.F50.0910		AYPC.SK150.0947 2x 5,5x32-A2IS014585	AYPC.SK150.0948	AYPC.SK150.0949	100x38	100x38	34-38		30°	AYPC.F50.0909					
	FRK17		FRK20/FRK14		AYPC.F50.0910		AYPC.SK150.0947 2x 5,5x32-A2IS014585	AYPC.SK150.0948	AYPC.SK150.0949	100x38	100x38	34-38		37.5°	AYPC.F50.0908					
40	FRK19		FRK22/FRK16		AYPC.F50.0911		AYPC.SK150.0950 2x 5,5x38-A2IS014585	AYPC.SK150.0951	AYPC.SK150.0952	100x44	100x44	40-44		7.5°	AYPC.F50.0911					
42	FRK18		FRK21/FRK15		AYPC.F50.0911		AYPC.SK150.0950 2x 5,5x38-A2IS014585	AYPC.SK150.0951	AYPC.SK150.0952	100x44	100x44	40-44		15°	AYPC.F50.0911					
44	FRK17		FRK20/FRK14		AYPC.F50.0911		AYPC.SK150.0950 2x 5,5x38-A2IS014585	AYPC.SK150.0951	AYPC.SK150.0952	100x44	100x44	40-44		22.5°	AYPC.F50.0910					
	FRK17		FRK20/FRK14		AYPC.F50.0911		AYPC.SK150.0950 2x 5,5x38-A2IS014585	AYPC.SK150.0951	AYPC.SK150.0952	100x44	100x44	40-44		30°	AYPC.F50.0910					
	FRK17		FRK20/FRK14		AYPC.F50.0911		AYPC.SK150.0950 2x 5,5x38-A2IS014585	AYPC.SK150.0951	AYPC.SK150.0952	100x44	100x44	40-44		37.5°	AYPC.F50.0909					
46	FRK19		FRK22/FRK16		AYPC.F50.0912		AYPC.SK150.0953 2x 5,5x42-A2IS014585	AYPC.SK150.0954	AYPC.SK150.0955	100x50	100x50	46-50		7.5°	AYPC.F50.0912					
48	FRK18		FRK21/FRK15		AYPC.F50.0912		AYPC.SK150.0953 2x 5,5x42-A2IS014585	AYPC.SK150.0954	AYPC.SK150.0955	100x50	100x50	46-50		15°	AYPC.F50.0912					
50	FRK17		FRK20/FRK14		AYPC.F50.0912		AYPC.SK150.0953 2x 5,5x42-A2IS014585	AYPC.SK150.0954	AYPC.SK150.0955	100x50	100x50	46-50		22.5°	AYPC.F50.0911					
	FRK17		FRK20/FRK14		AYPC.F50.0912		AYPC.SK150.0953 2x 5,5x42-A2IS014585	AYPC.SK150.0954	AYPC.SK150.0955	100x50	100x50	46-50		30°	AYPC.F50.0911					
	FRK17		FRK20/FRK14		AYPC.F50.0912		AYPC.SK150.0953 2x 5,5x42-A2IS014585	AYPC.SK150.0954	AYPC.SK150.0955	100x50	100x50	46-50		37.5°	AYPC.F50.0910					
52	FRK19		FRK22/FRK16		AYPC.F50.0913		AYPC.SK150.0956 2x 5,5x45-A2IS014585	AYPC.SK150.0957	AYPC.SK150.0958	100x56	100x56	50-56		7.5°	AYPC.F50.0913					
54	FRK18		FRK21/FRK15		AYPC.F50.0913		AYPC.SK150.0956 2x 5,5x45-A2IS014585	AYPC.SK150.0957	AYPC.SK150.0958	100x56	100x56	50-56		15°	AYPC.F50.0913					
56	FRK17		FRK20/FRK14		AYPC.F50.0913		AYPC.SK150.0956 2x 5,5x45-A2IS014585	AYPC.SK150.0957	AYPC.SK150.0958	100x56	100x56	50-56		22.5°	AYPC.F50.0912					
	FRK17		FRK20/FRK14		AYPC.F50.0913		AYPC.SK150.0956 2x 5,5x45-A2IS014585	AYPC.SK150.0957	AYPC.SK150.0958	100x56	100x56	50-56		30°	AYPC.F50.0912					
	FRK17		FRK20/FRK14		AYPC.F50.0913		AYPC.SK150.0956 2x 5,5x45-A2IS014585	AYPC.SK150.0957	AYPC.SK150.0958	100x56	100x56	50-56		37.5°	AYPC.F50.0911					
Infill unit thickness	34-38					40-44					46-50					50-56				
Corner alpha	7.5°	15°	22.5°	30°	37.5°	7.5°	15°	22.5°	30°	37.5°	7.5°	15°	22.5°	30°	37.5°	7.5°	15°	22.5°	30°	37.5°
Self-tapping screw "K" Ø5,5-A2IS014585																				
Mullion	x55	x50	x50	x45	x42	x60	x55	x55	x55	x50	x65	x65	x60	x60	x60	x70	x70	x70	x65	x65
Self-tapping screw "L" Ø5,5-A2IS014586																				
Transom	x55	x55	-	-	-	x60	x65	-	-	-	x65	x70	-	-	-	x70	x75	-	-	-

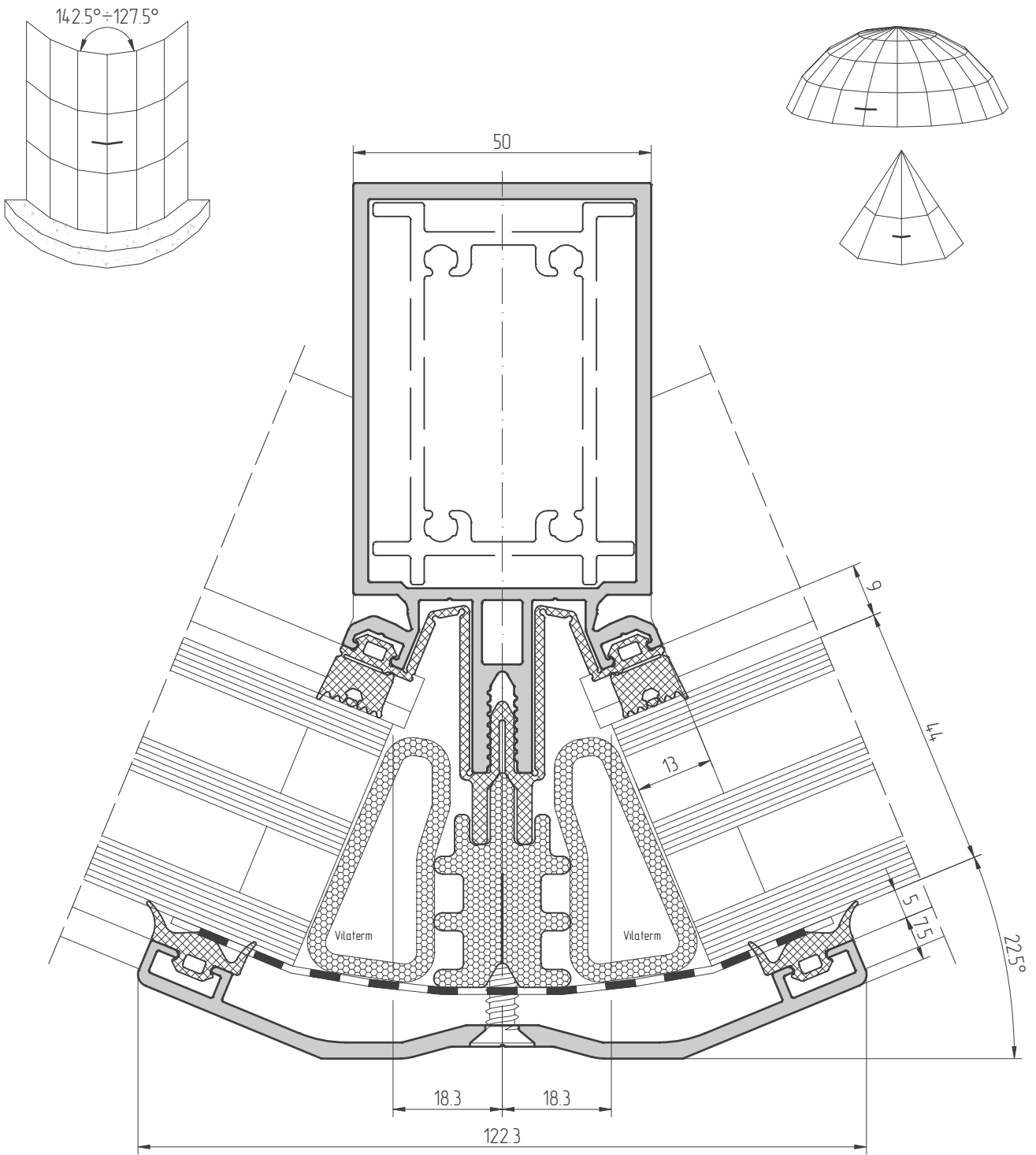
Glazing of translucent curtain wall system with installation of spacer inserts

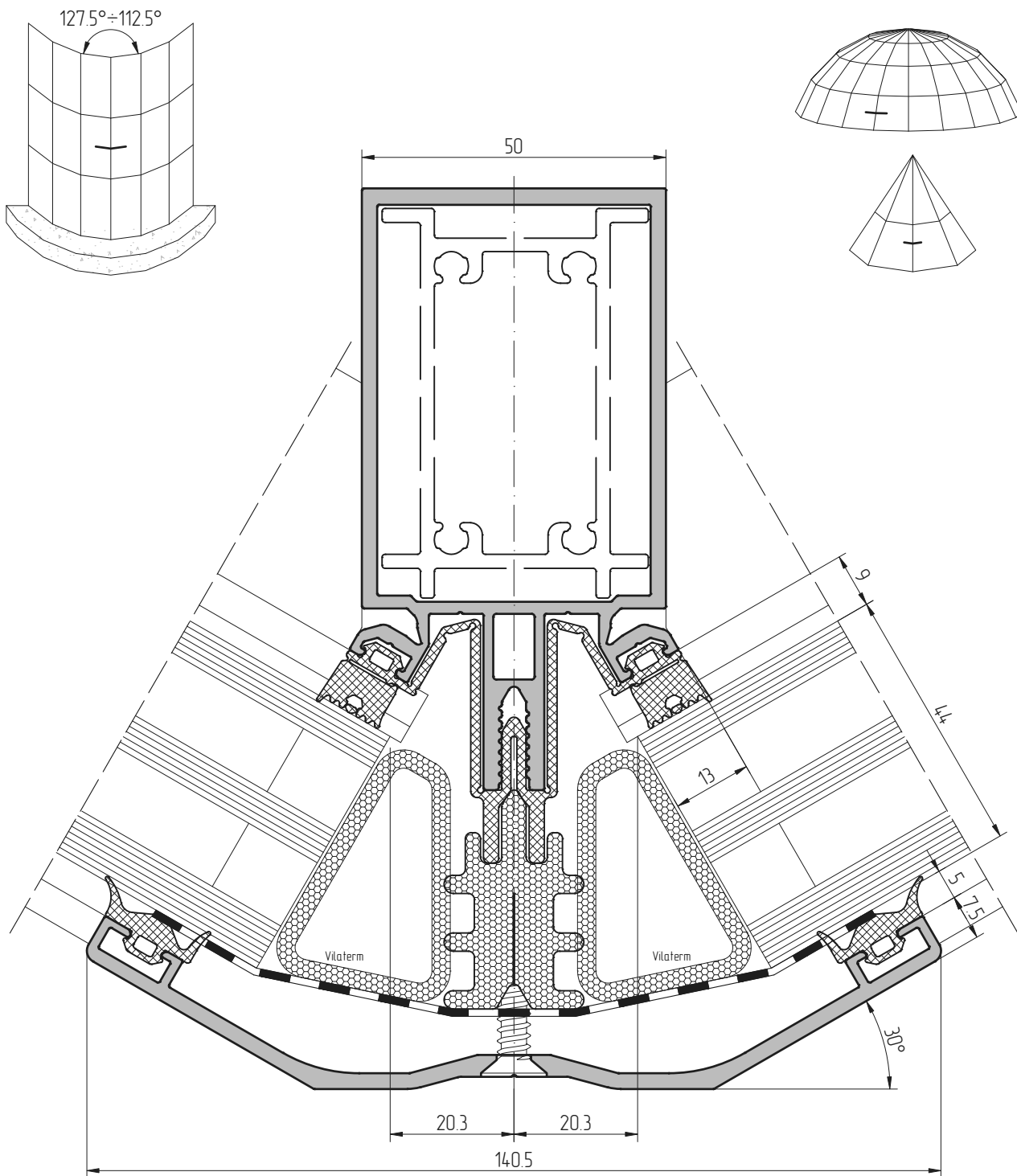


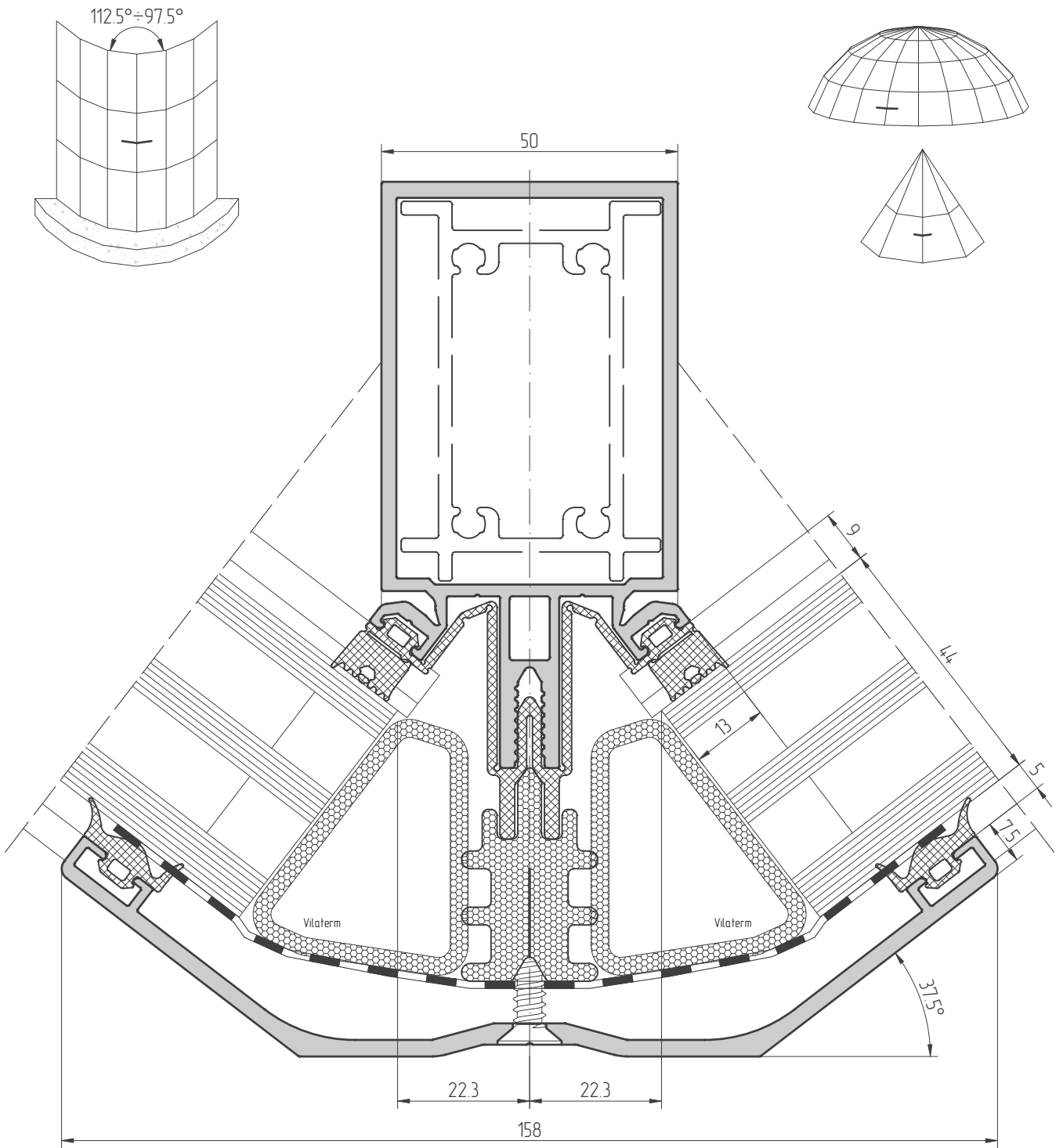
Infill unit thickness	Infill unit thickness	Spacer profile on mullion	Gasket on spacer profile on mullion	Spacer profile on transom	Gasket on spacer profile on transom	Auxiliary profile	Support for glass			Self-tapping screw Ø3,9-A2 ISO14586
							Bearing	Leveling		
A	B	C	D	E	F	G	H	I	J	K/L
34-38 mm	2 mm	AYPC.F50.0901-01 + AYPC.F50.0901-01	FRK17	AYPC.F50.0903-01	FRK14 /FRK20	AYPC.F50.0701	AYPC.F50.0941-02	100x20	100x14	x38/x32
	4 mm		FRK16		FRK16 /FRK22					
	6 mm		FRK15		FRK15 /FRK21					
	8 mm		FRK14		FRK14 /FRK20					
40-44 mm	2 mm	AYPC.F50.0901-01 + AYPC.F50.0902-01	FRK17	AYPC.F50.0901-01 + AYPC.F50.0901-01	FRK14 /FRK20	AYPC.F50.0701	AYPC.F50.0952	100x20	100x14	x45/x38
	4 mm		FRK16		FRK16 /FRK22					
	6 mm		FRK15		FRK15 /FRK21					
	8 mm		FRK14		FRK14 /FRK20					
46-50 mm	2 mm	AYPC.F50.0901-01 + AYPC.F50.0903-01	FRK17	AYPC.F50.0901-01 + AYPC.F50.0901-01	FRK14 /FRK20	AYPC.F50.0701	AYPC.F50.0952-01	100x20	100x14	x50/x38
	4 mm		FRK16		FRK16 /FRK22					
	6 mm		FRK15		FRK15 /FRK21					
	8 mm		FRK14		FRK14 /FRK20					
52-56 mm	2 mm	AYPC.F50.0902-01 + AYPC.F50.0903-01	FRK17	AYPC.F50.0902-01 + AYPC.F50.0902-01	FRK14 /FRK20	AYPC.F50.0701	AYPC.F50.0952-02	100x20	100x14	x60/x50
	4 mm		FRK16		FRK16 /FRK22					
	6 mm		FRK15		FRK21					
	8 mm		FRK14		FRK20					

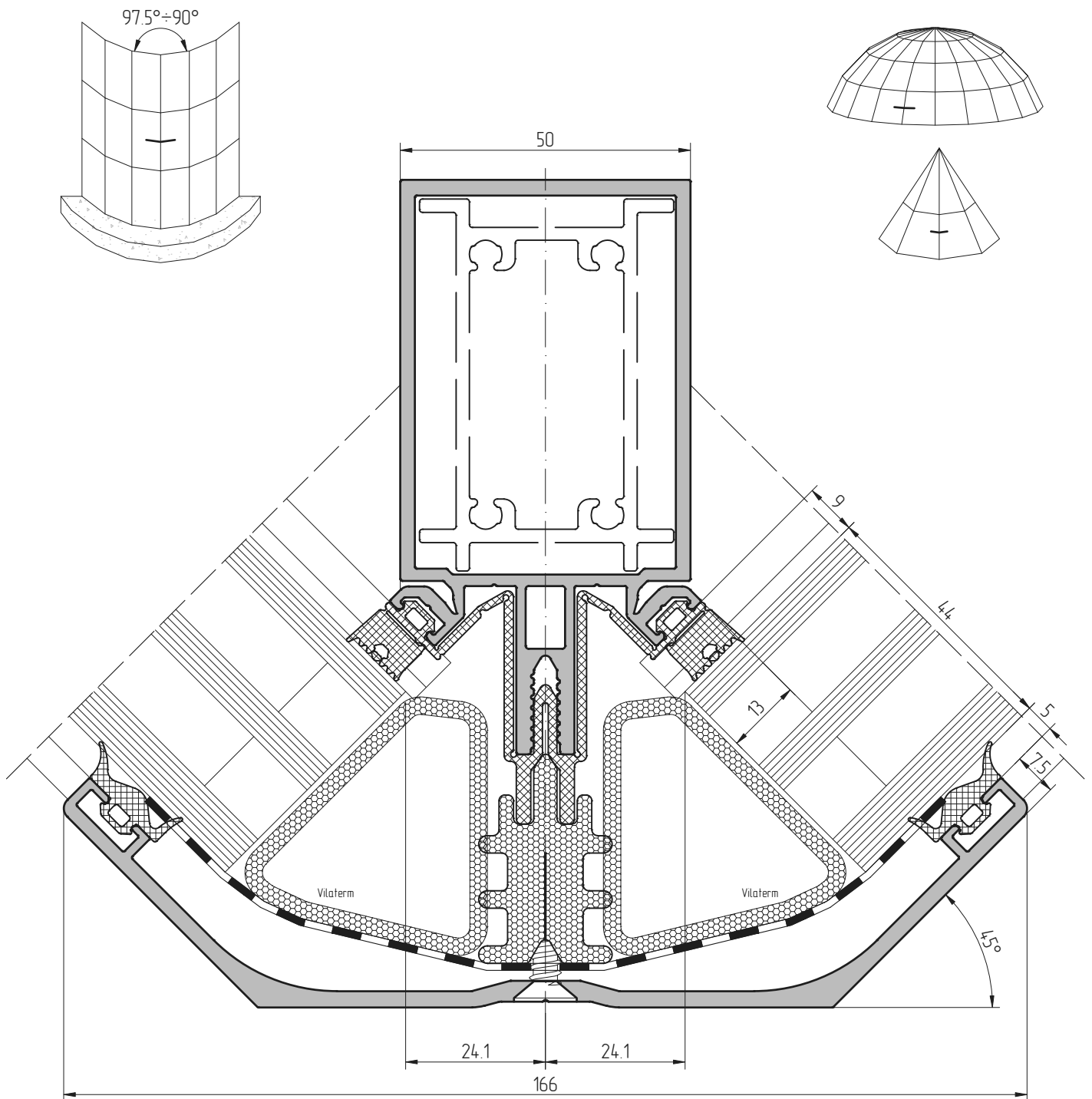


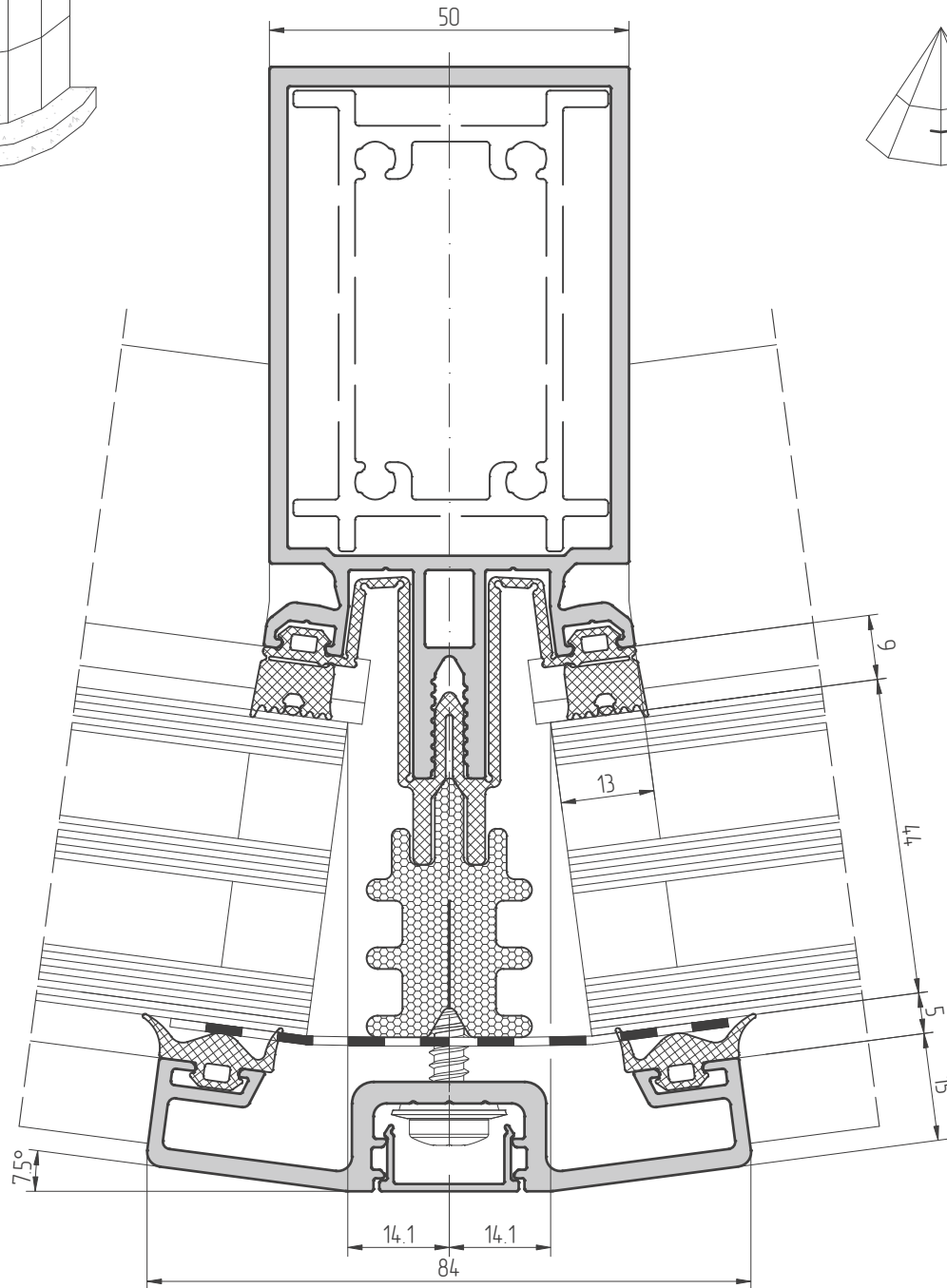
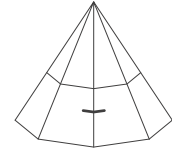
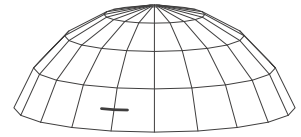
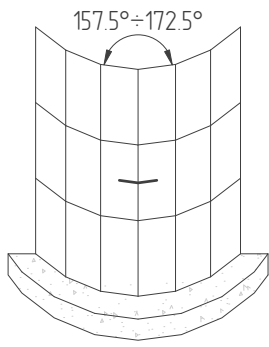


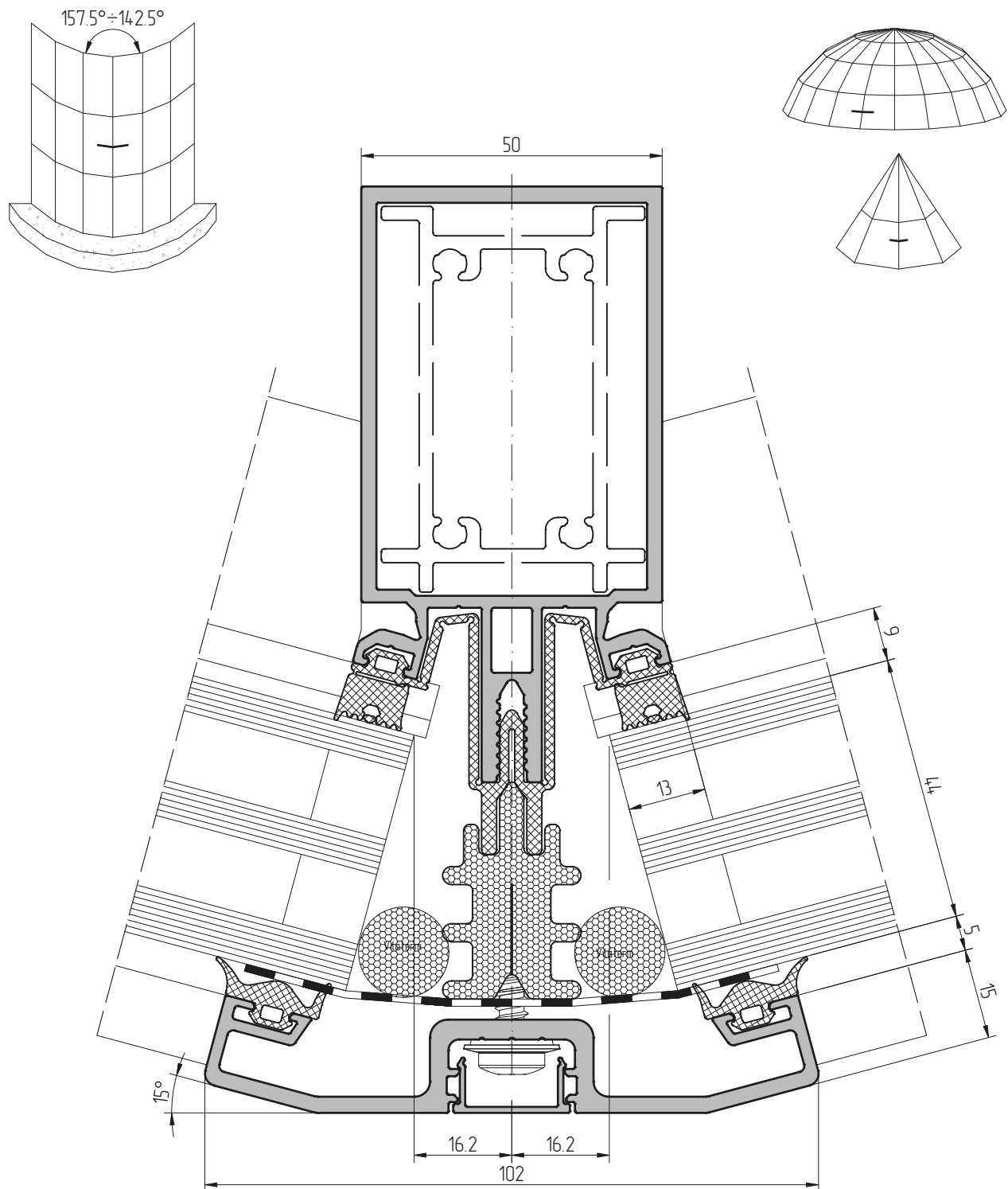


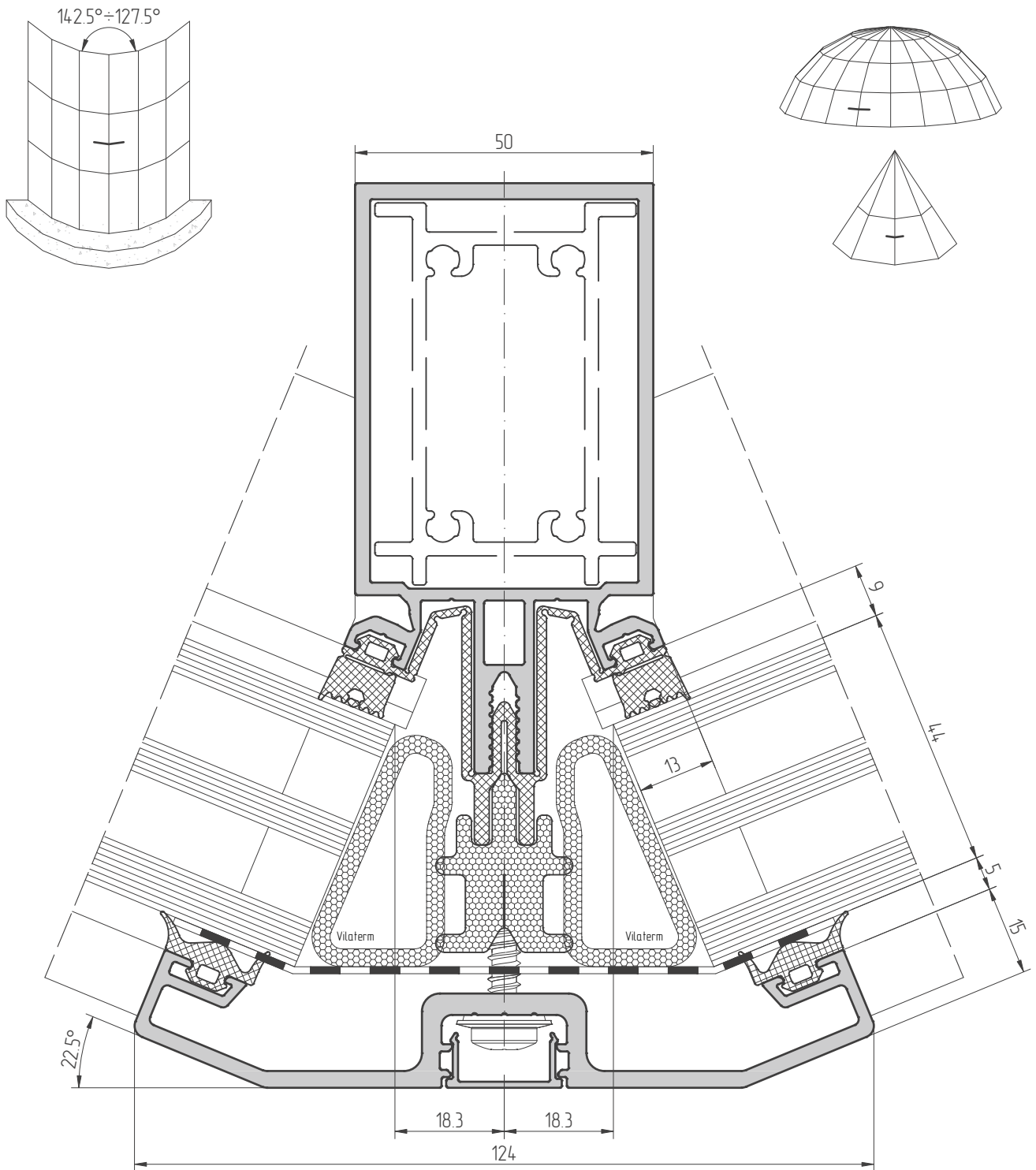


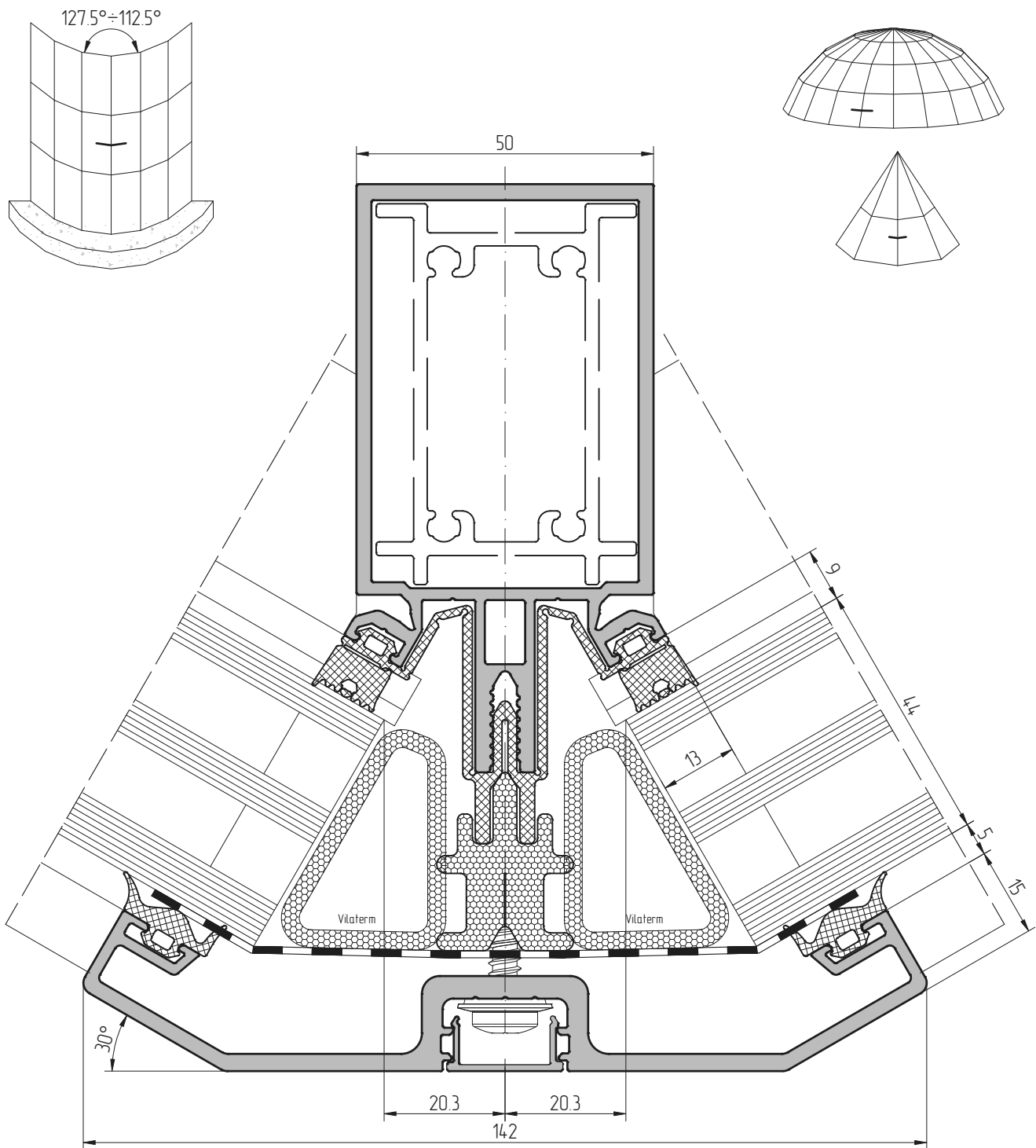


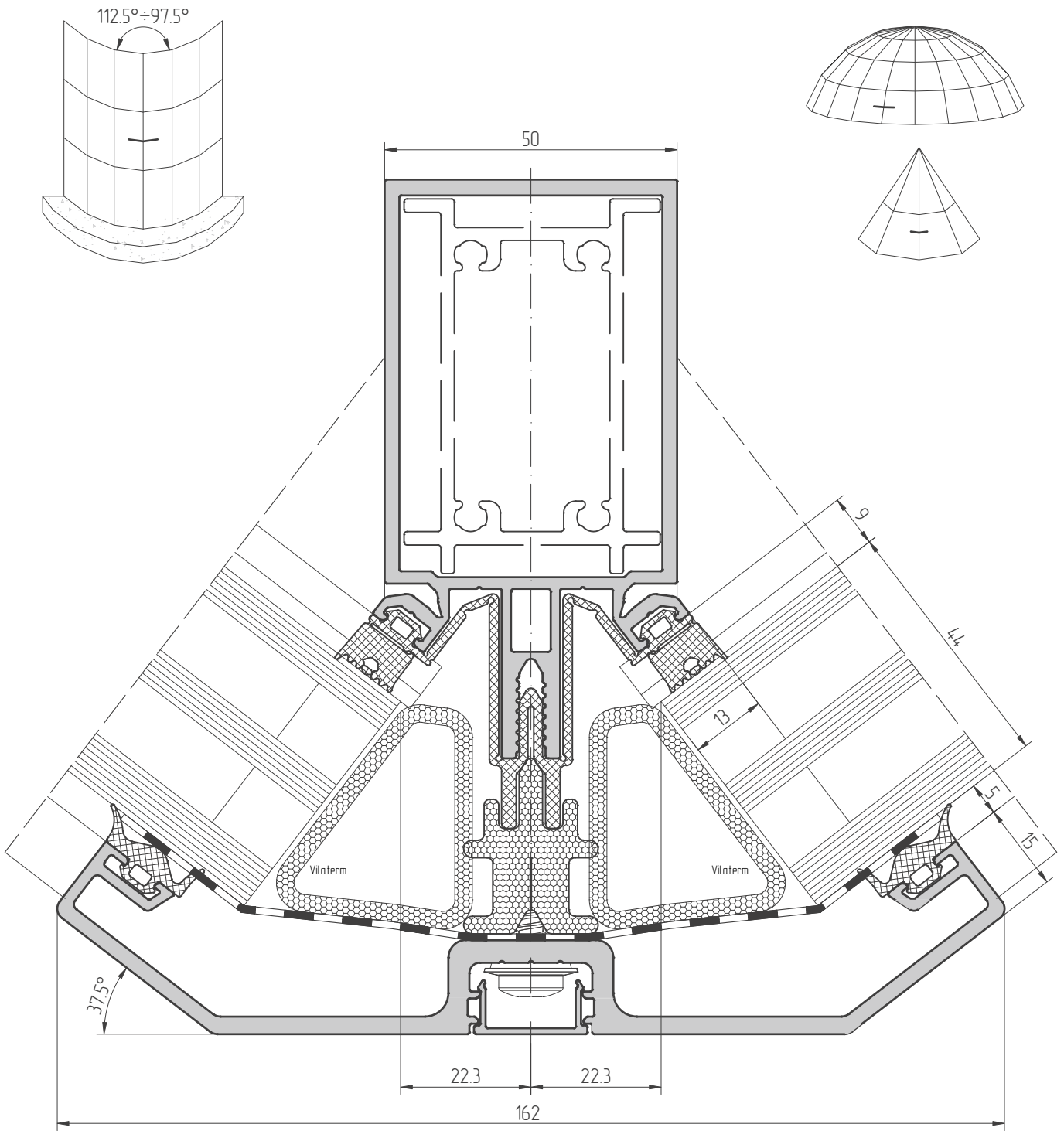




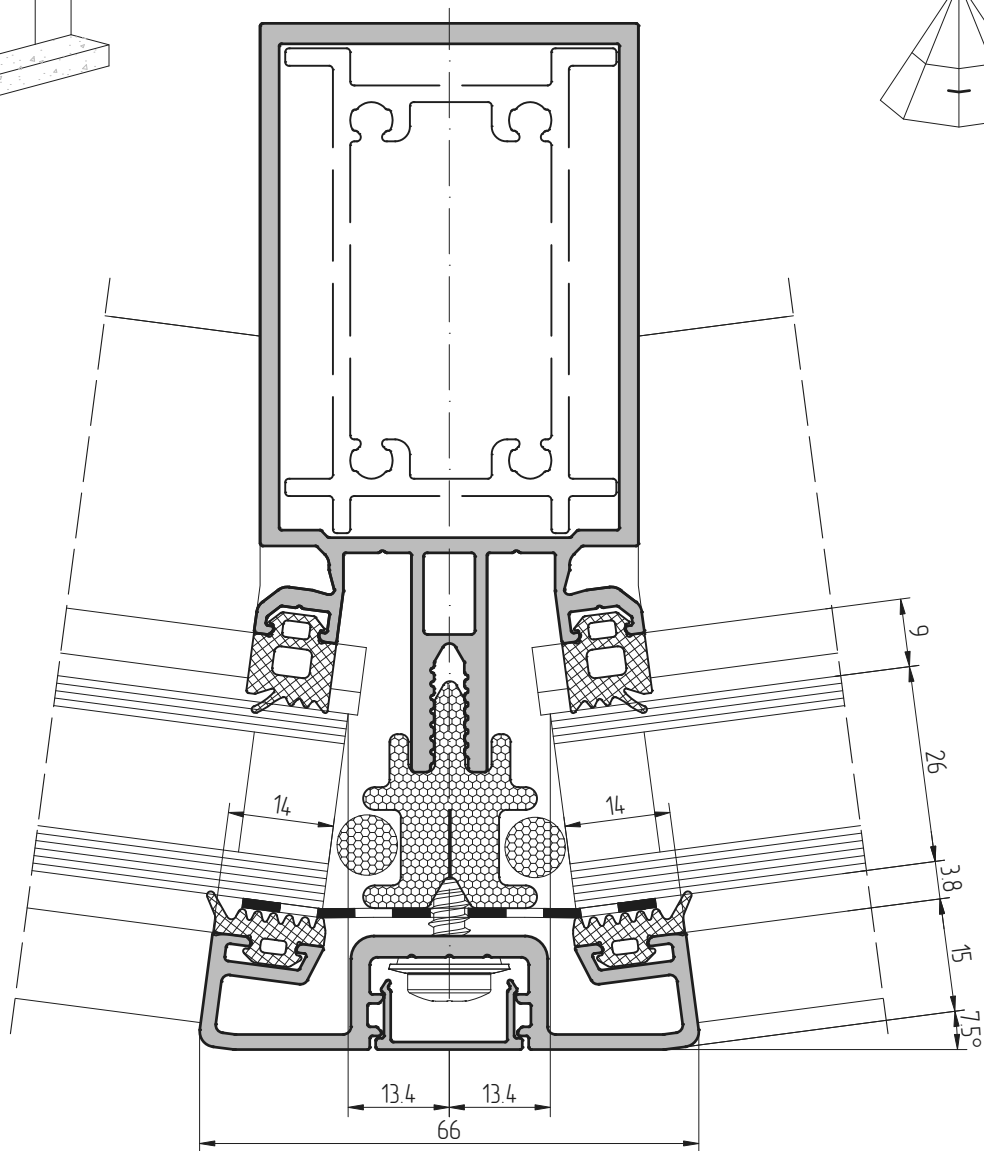
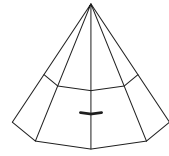
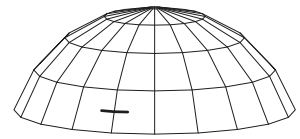
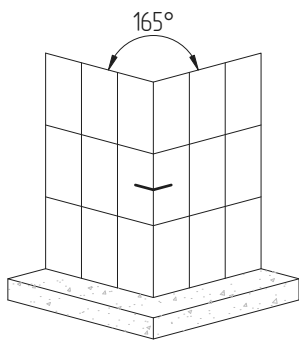




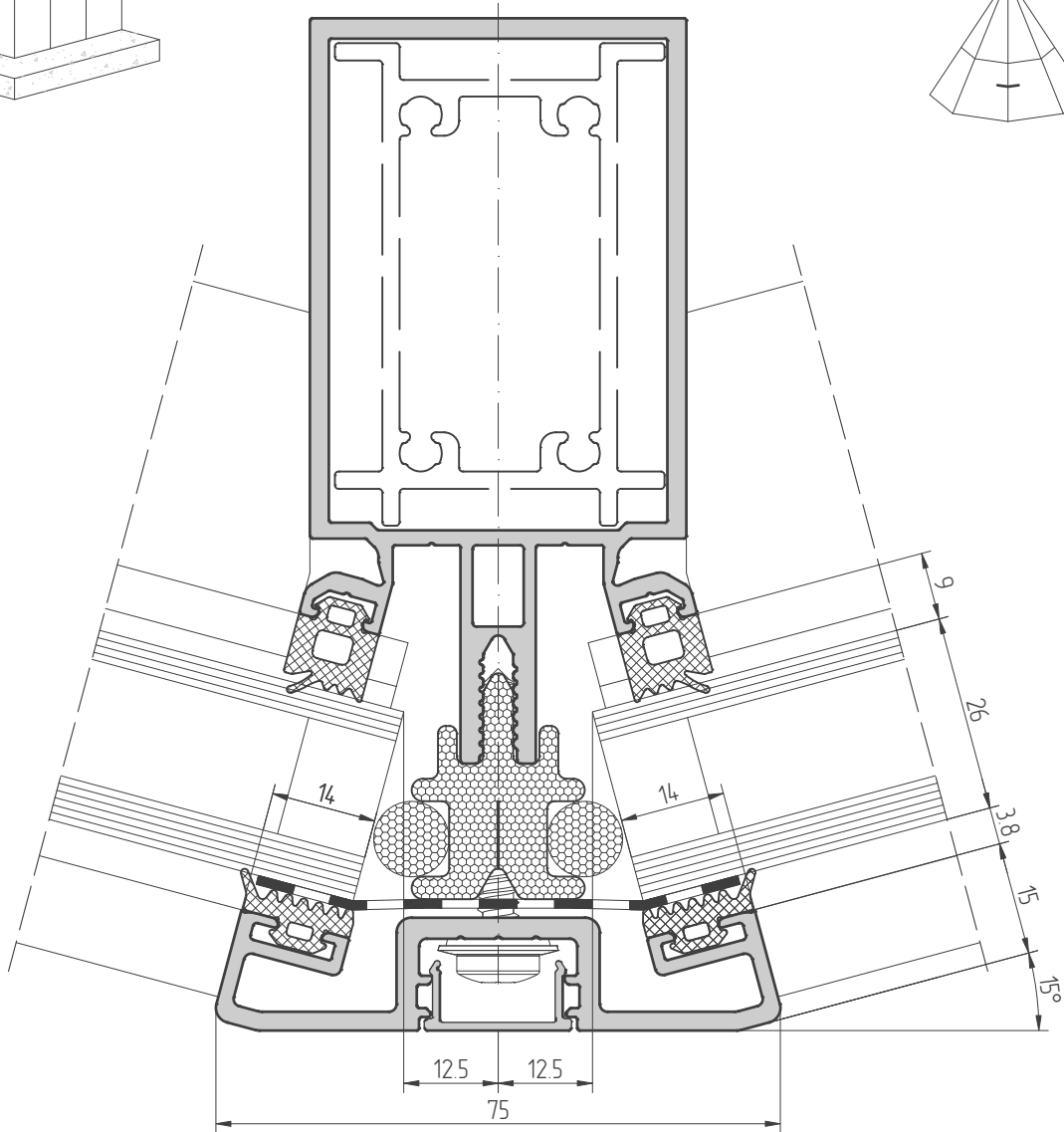
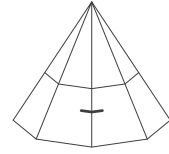
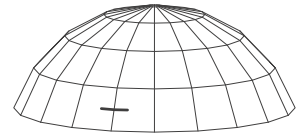
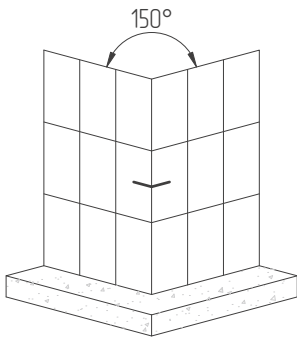




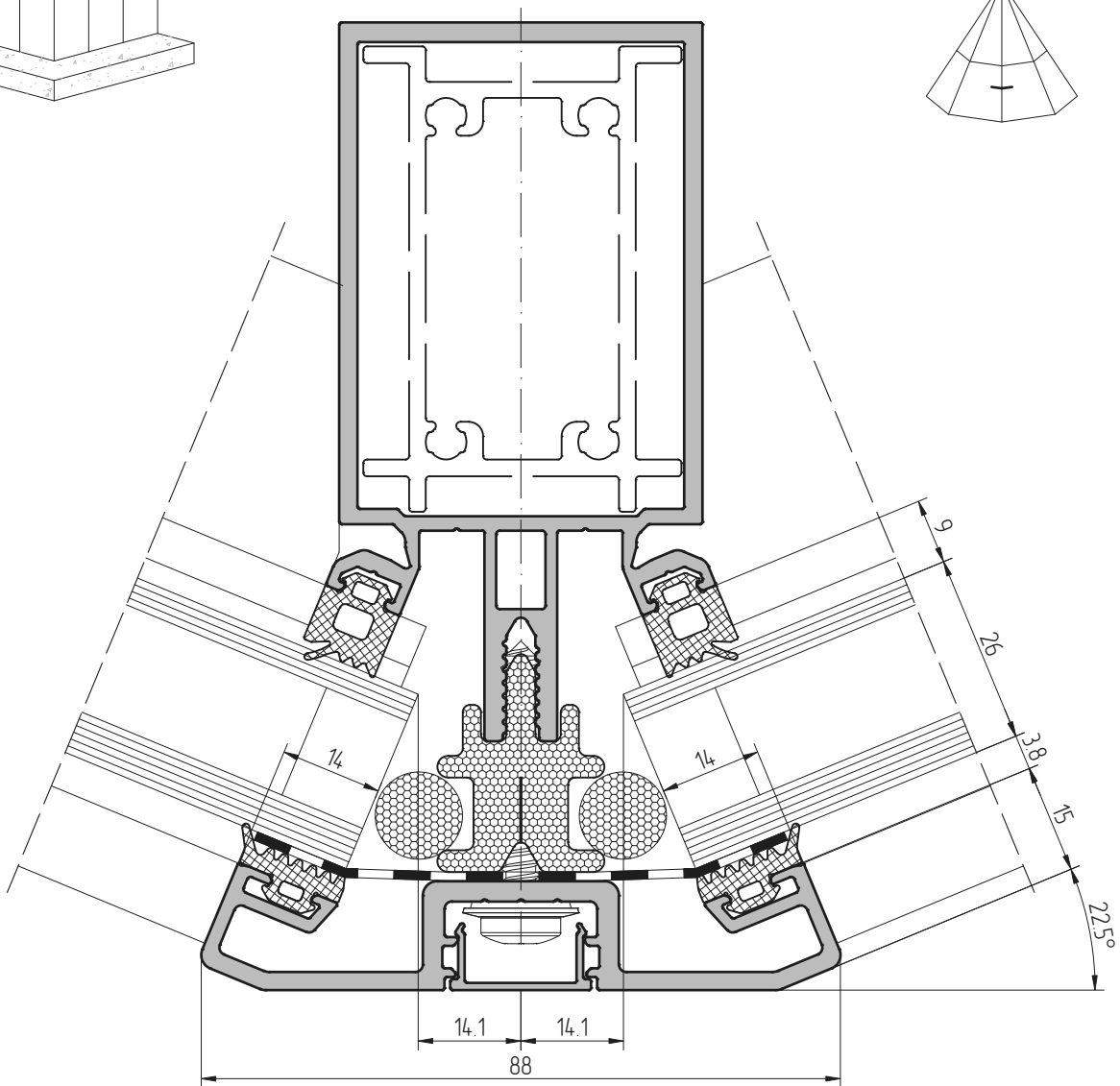
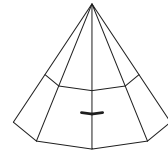
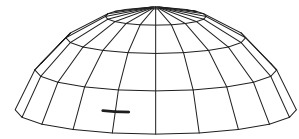
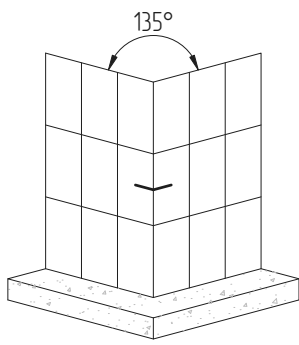
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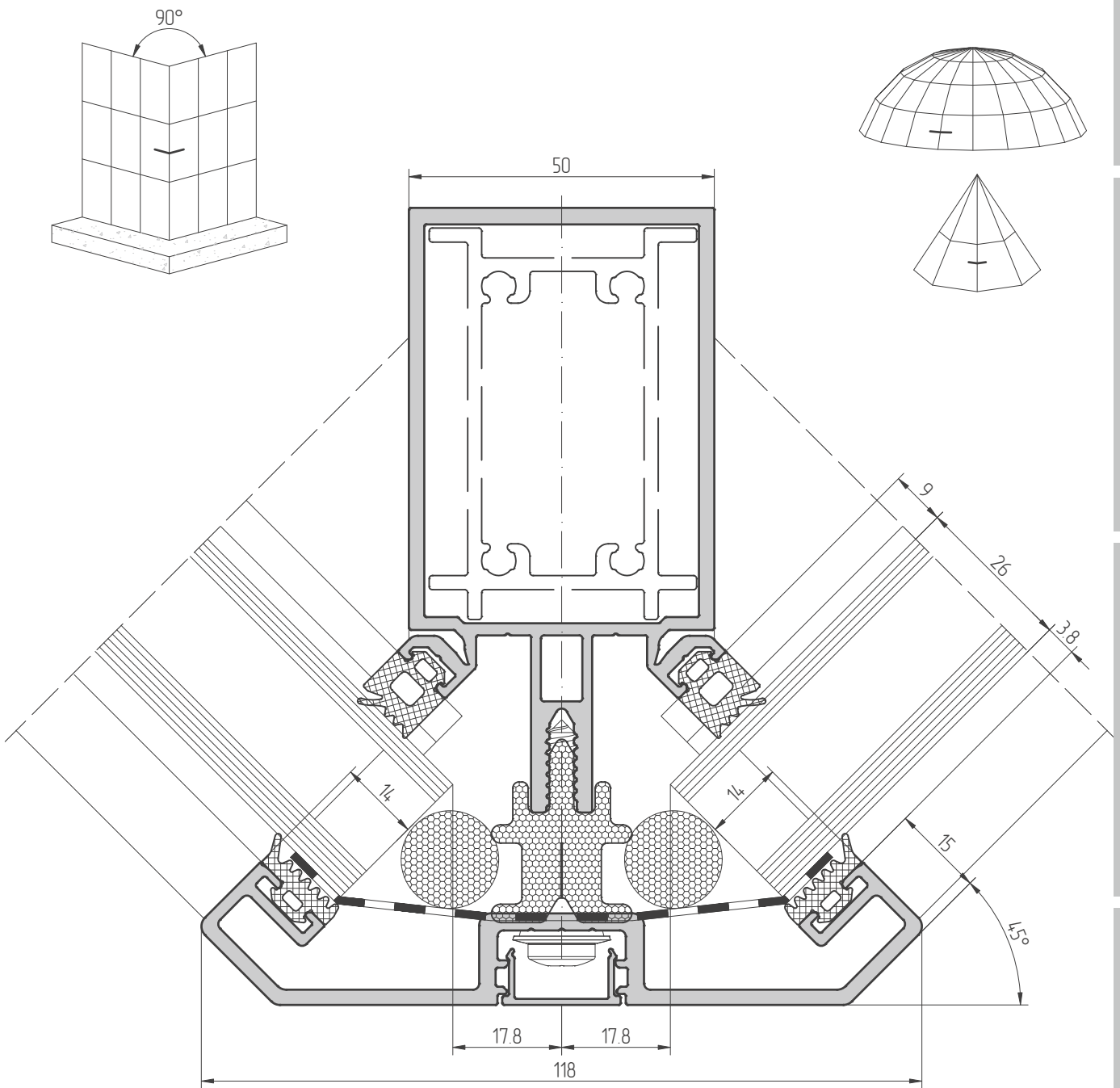


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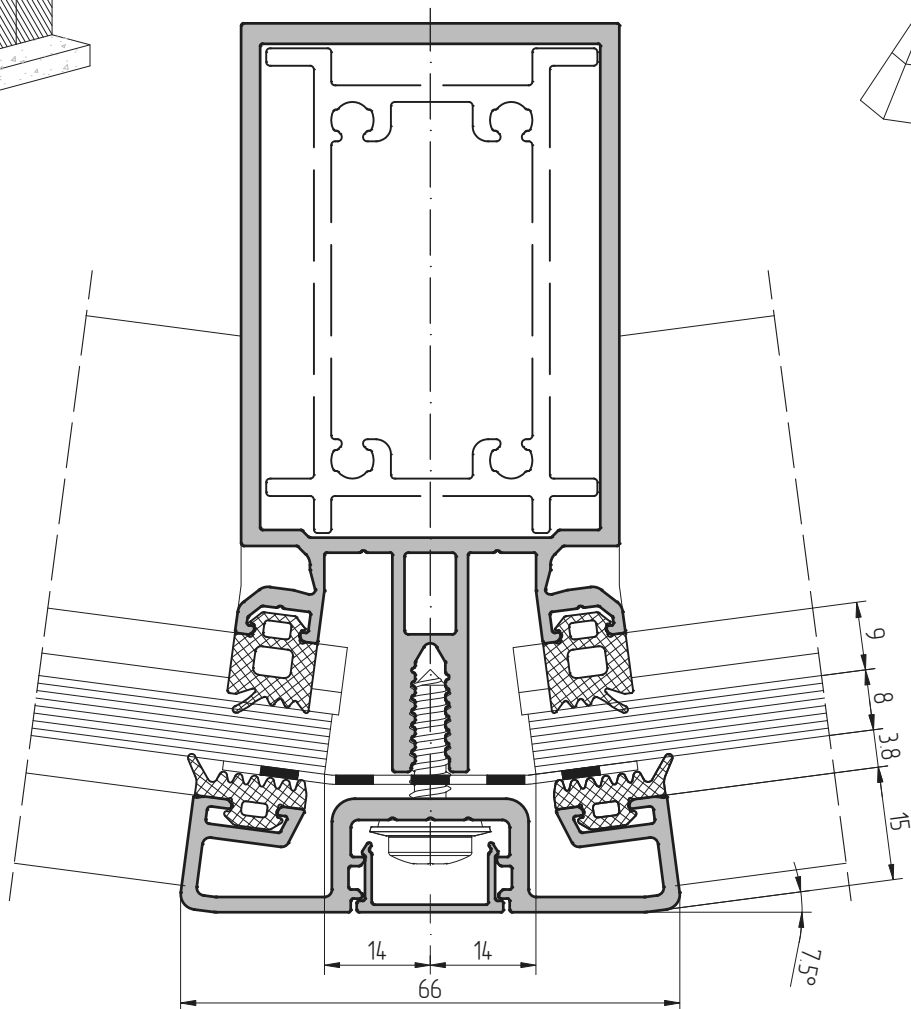
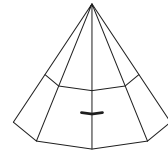
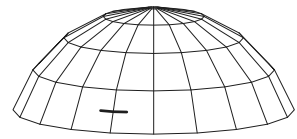
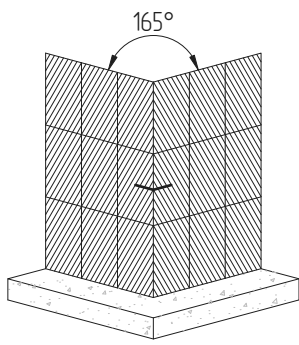


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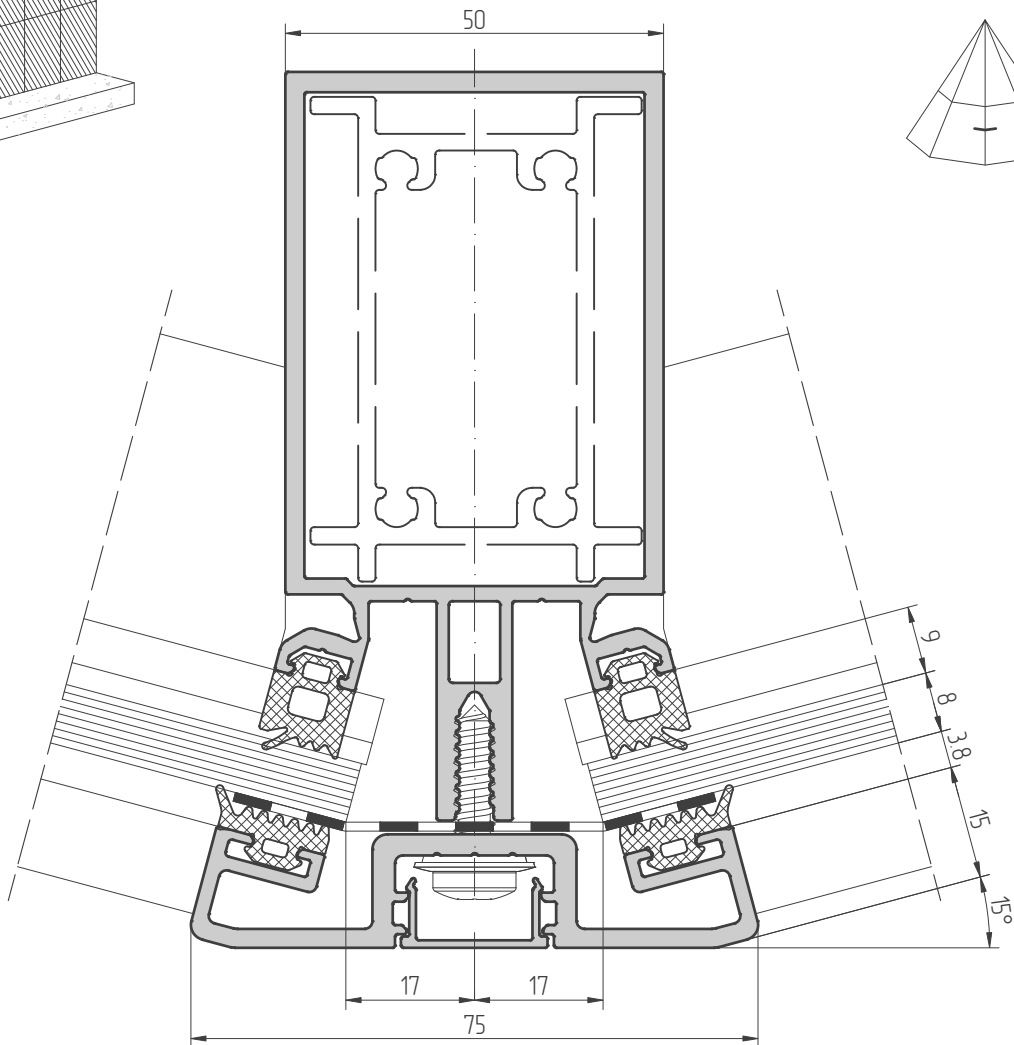
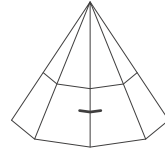
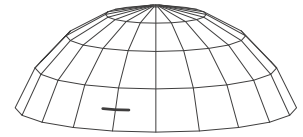
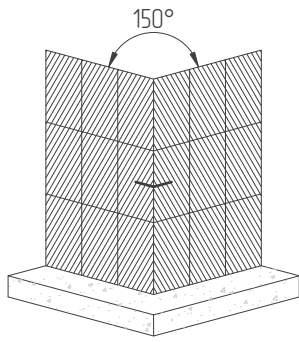




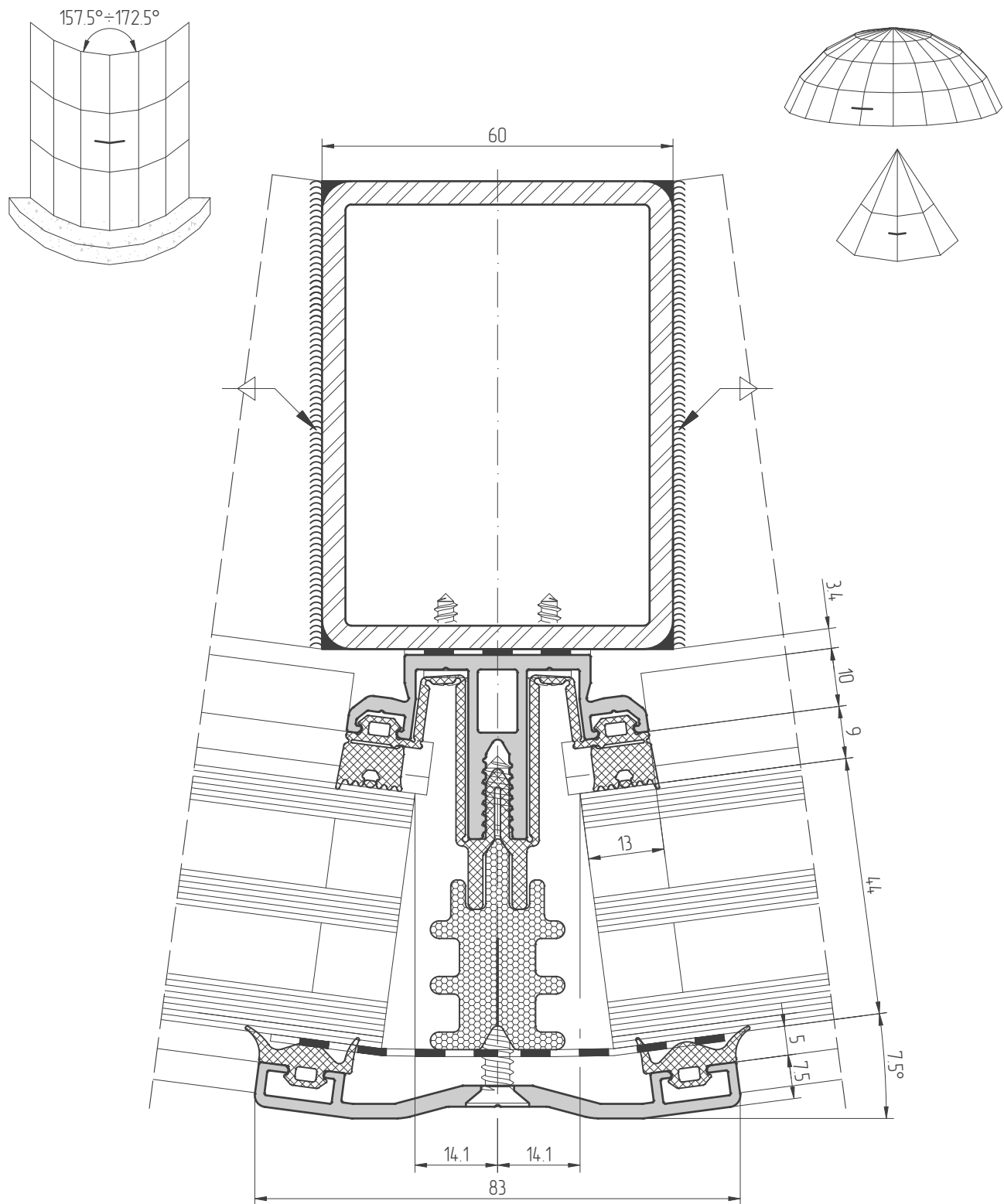
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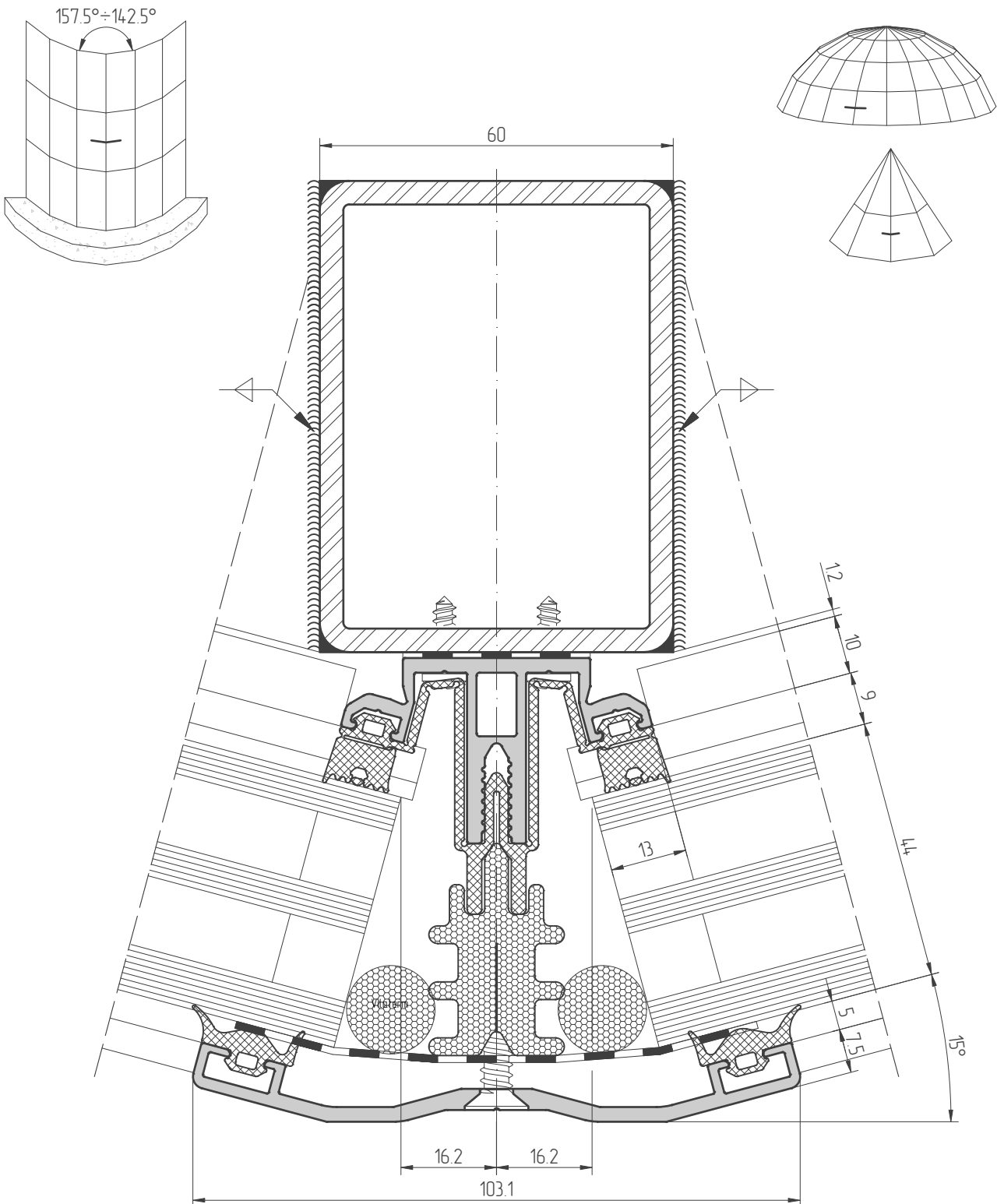


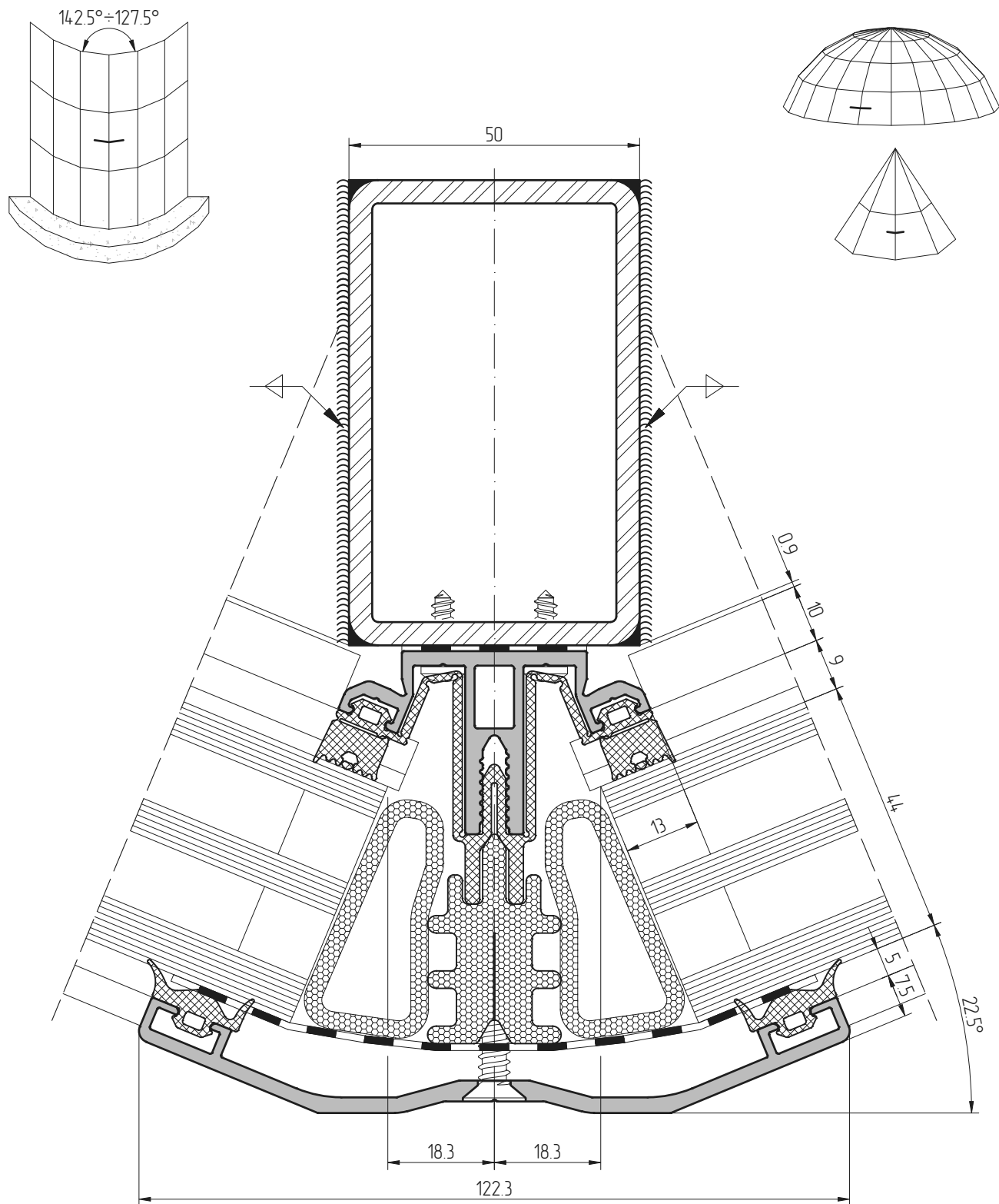
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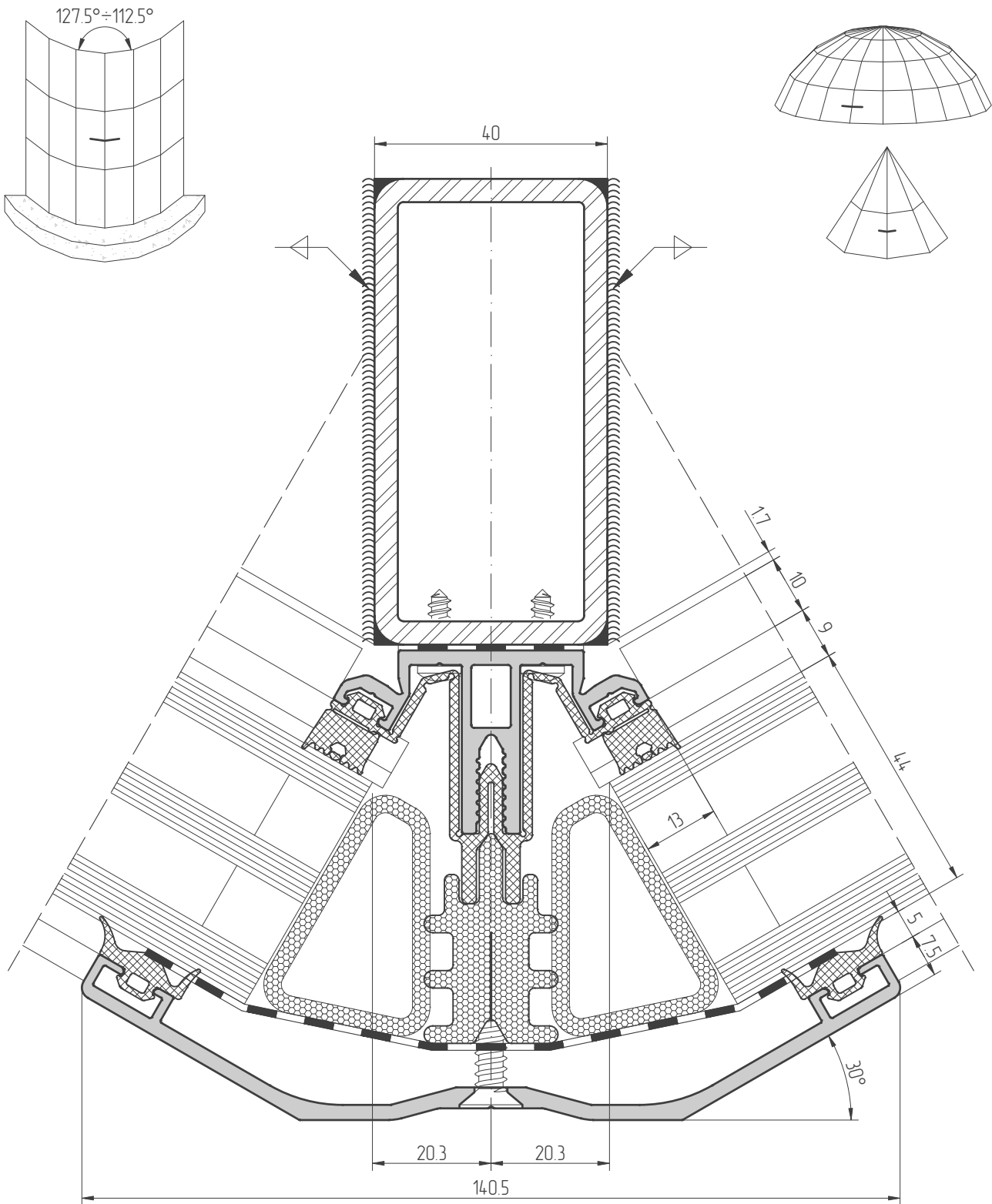


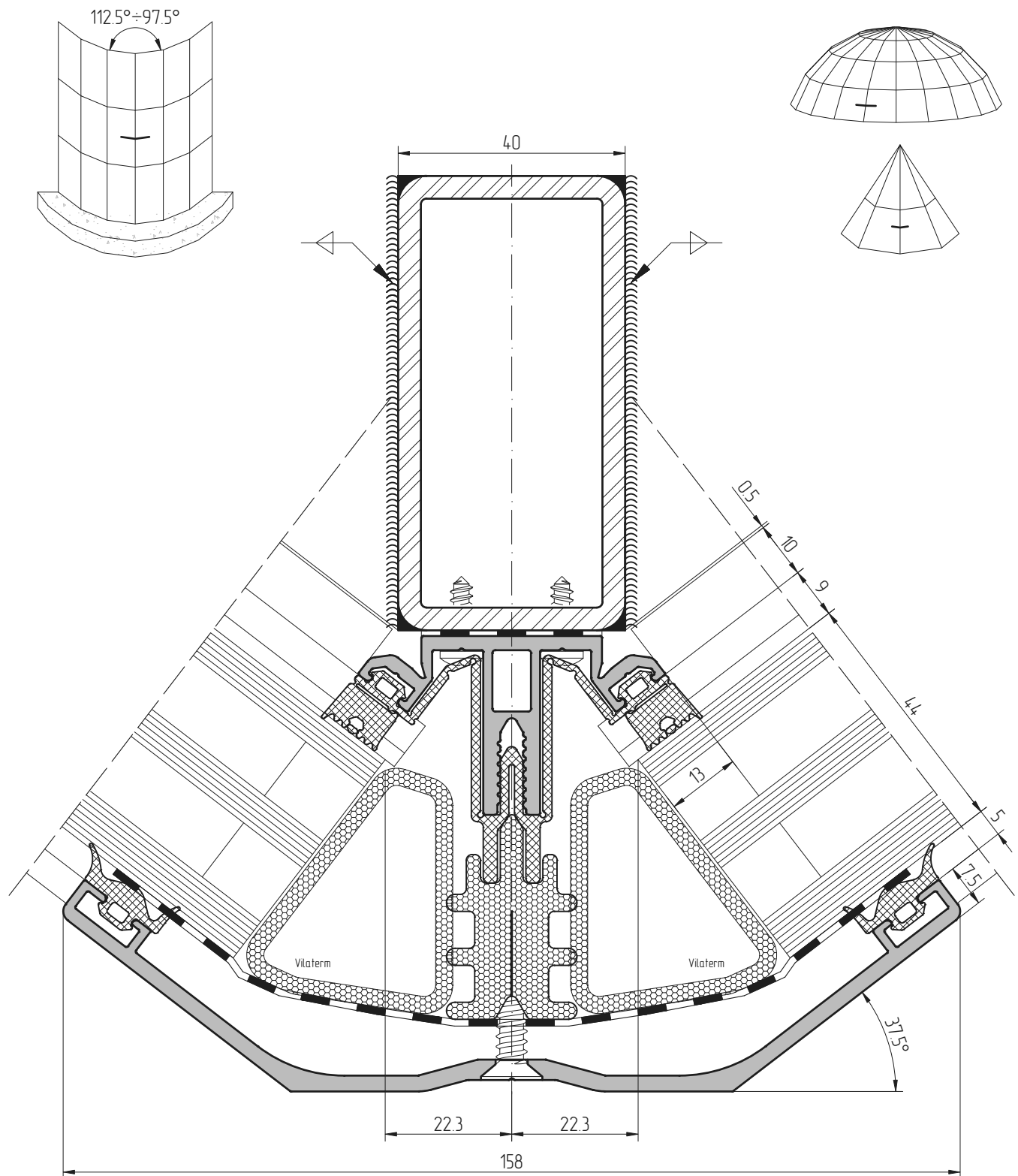
Scale 1:1











Scale 1:1

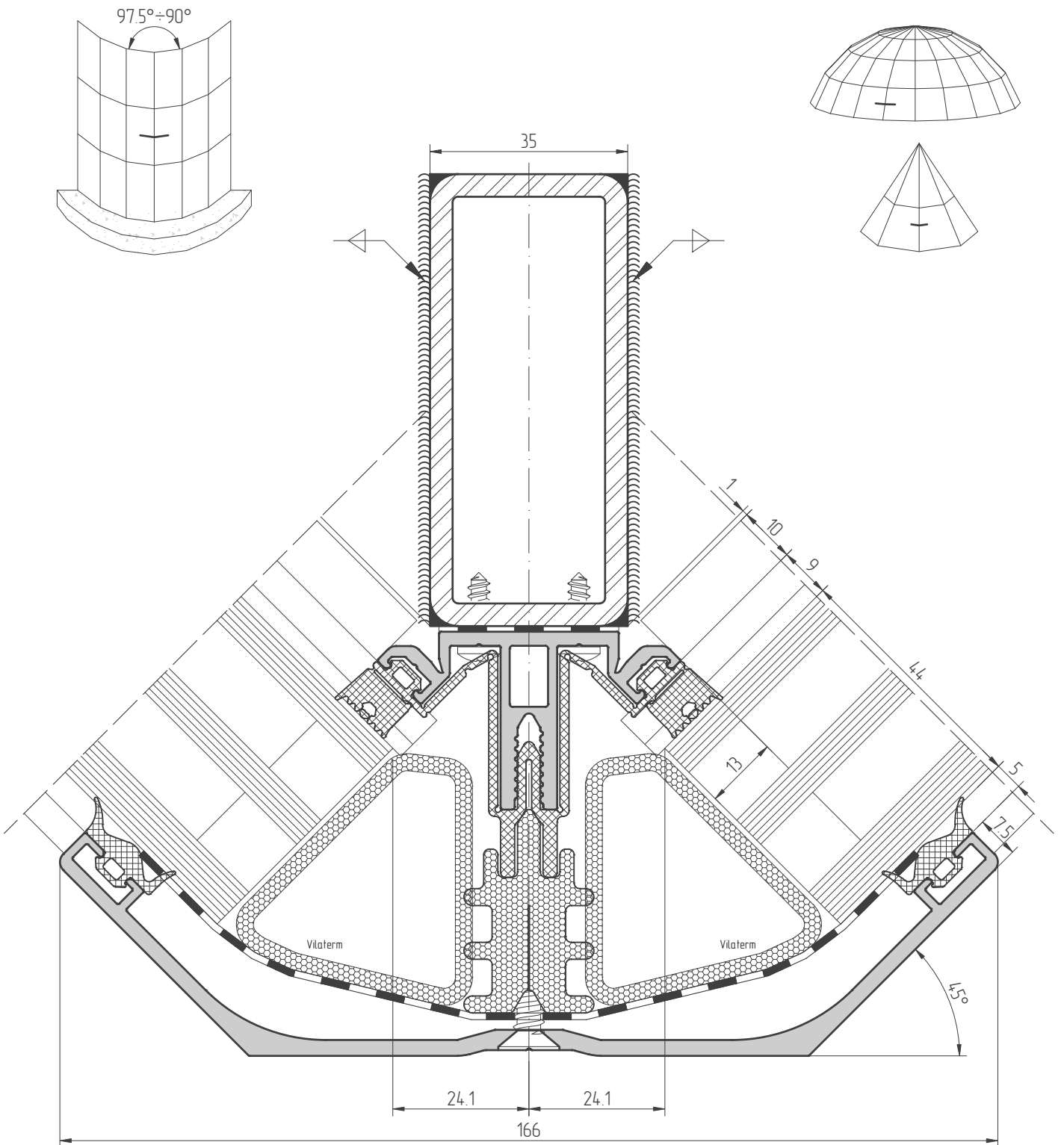
GENERAL INFORMATION

ALT F50

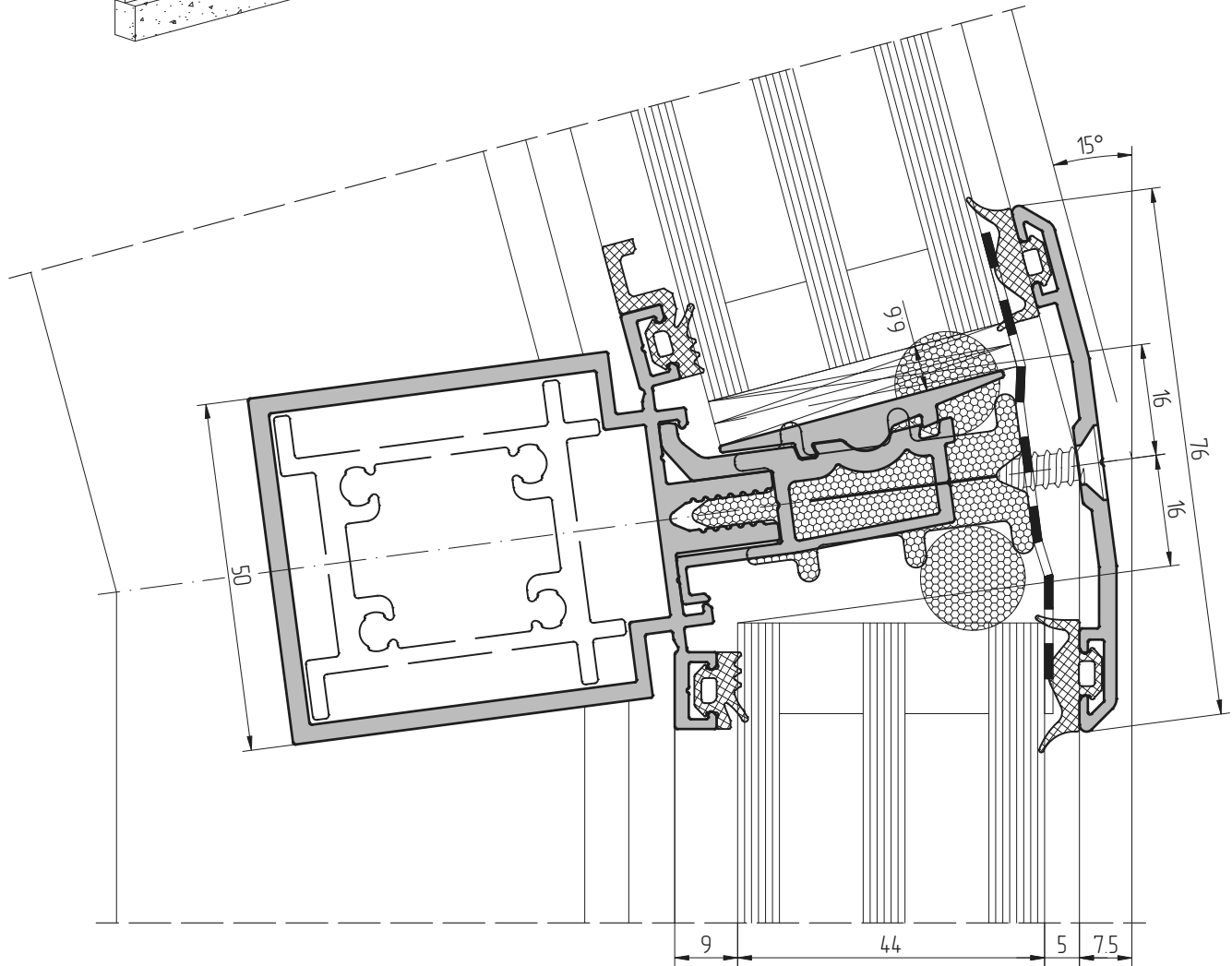
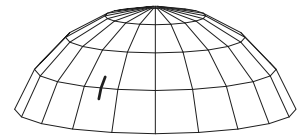
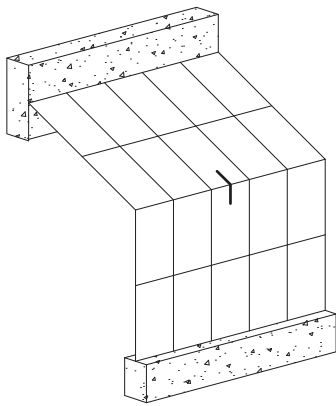
ALT F50 TT

ALT F50 HC

ALT SKL50



Scale 1:1



Scale 1:1

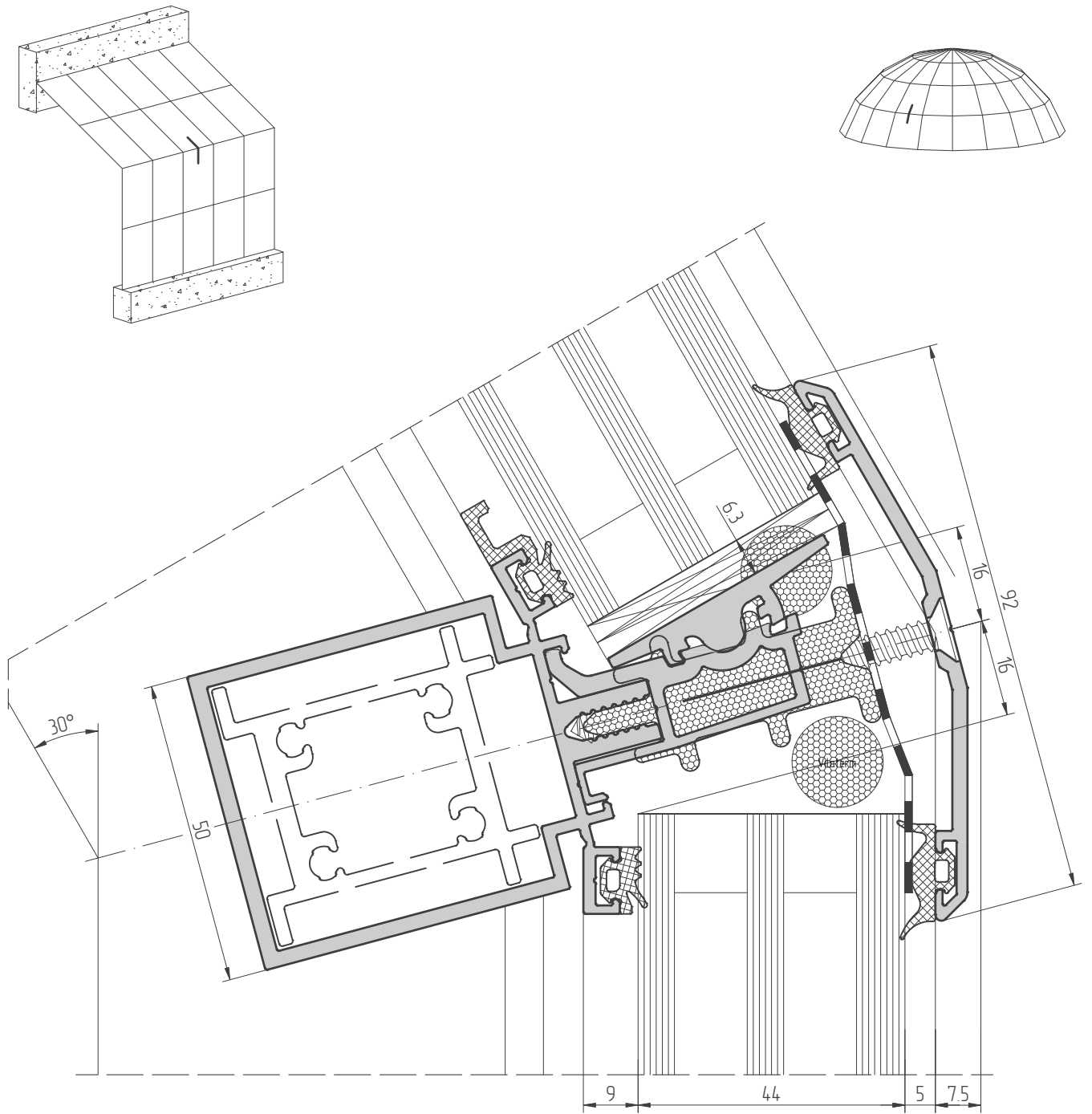
GENERAL INFORMATION

ALT F50

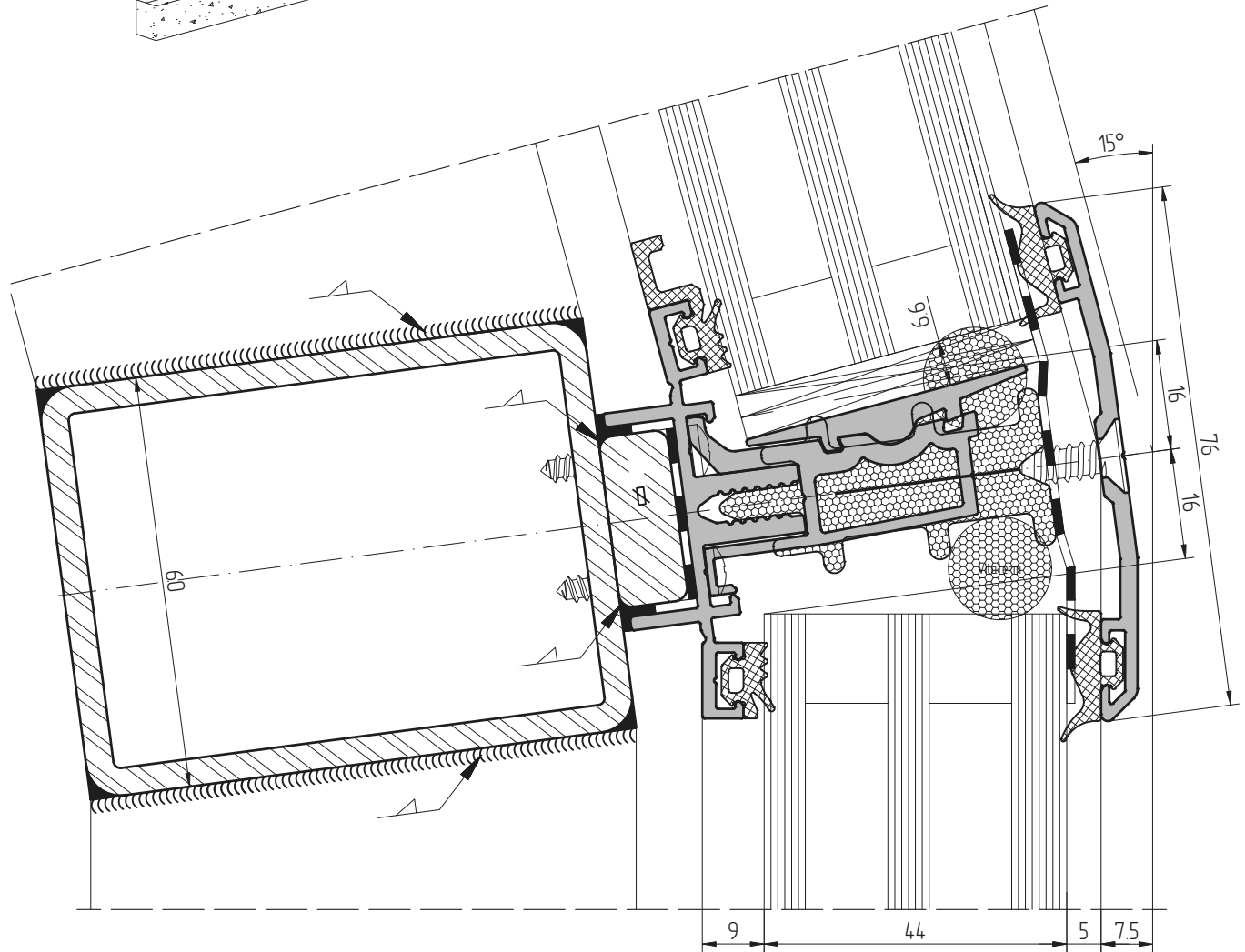
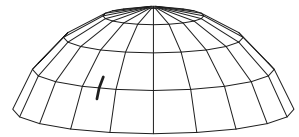
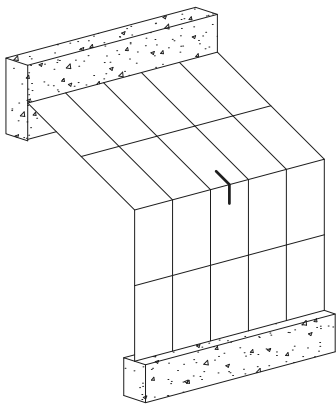
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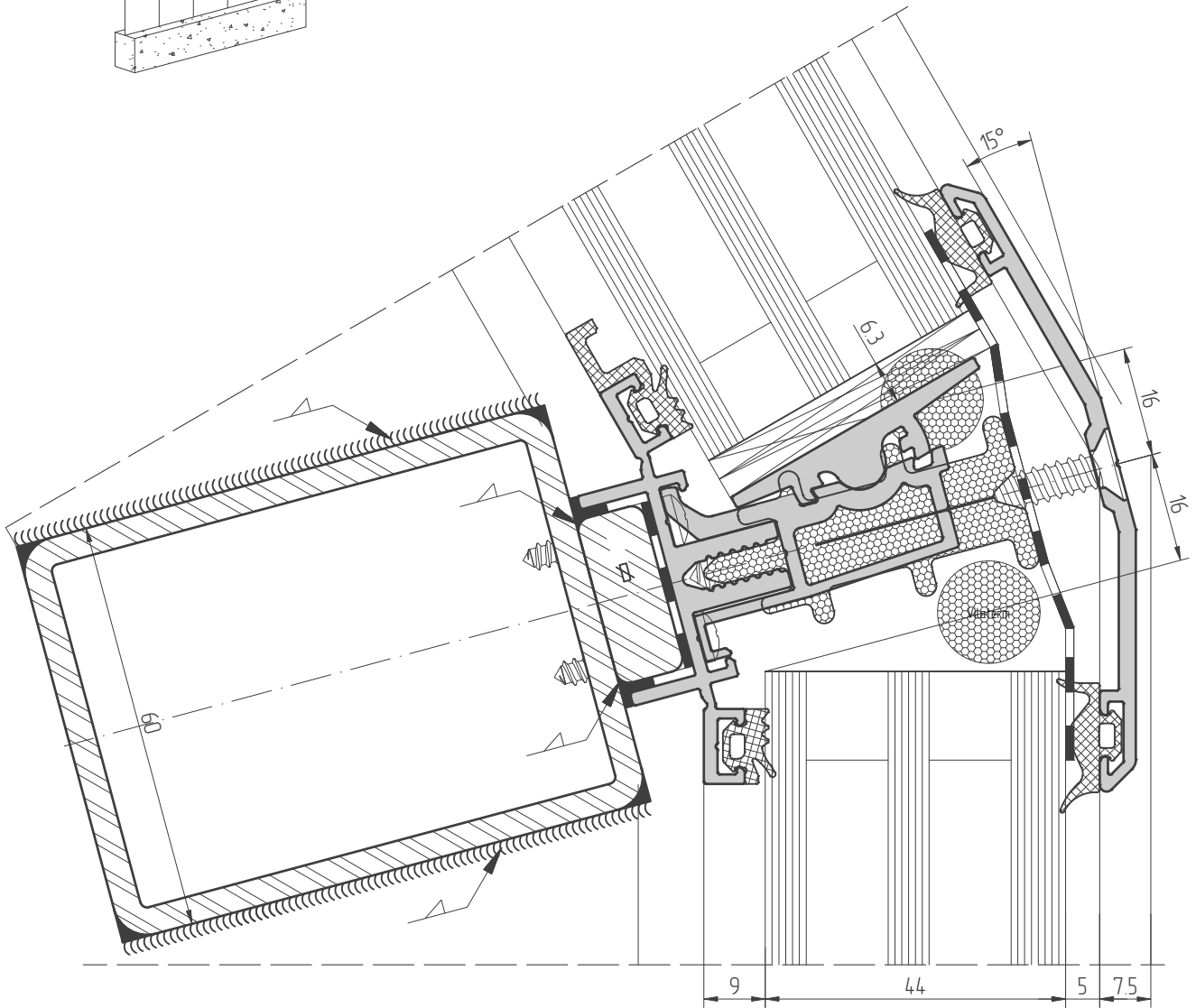
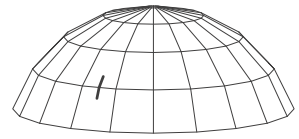
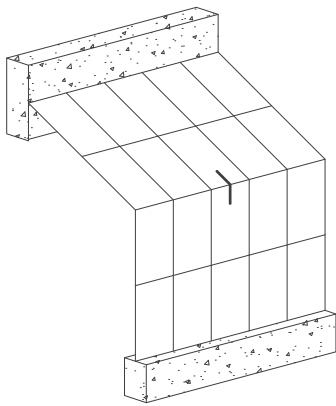
ALT F50 HC

ALT SKL50

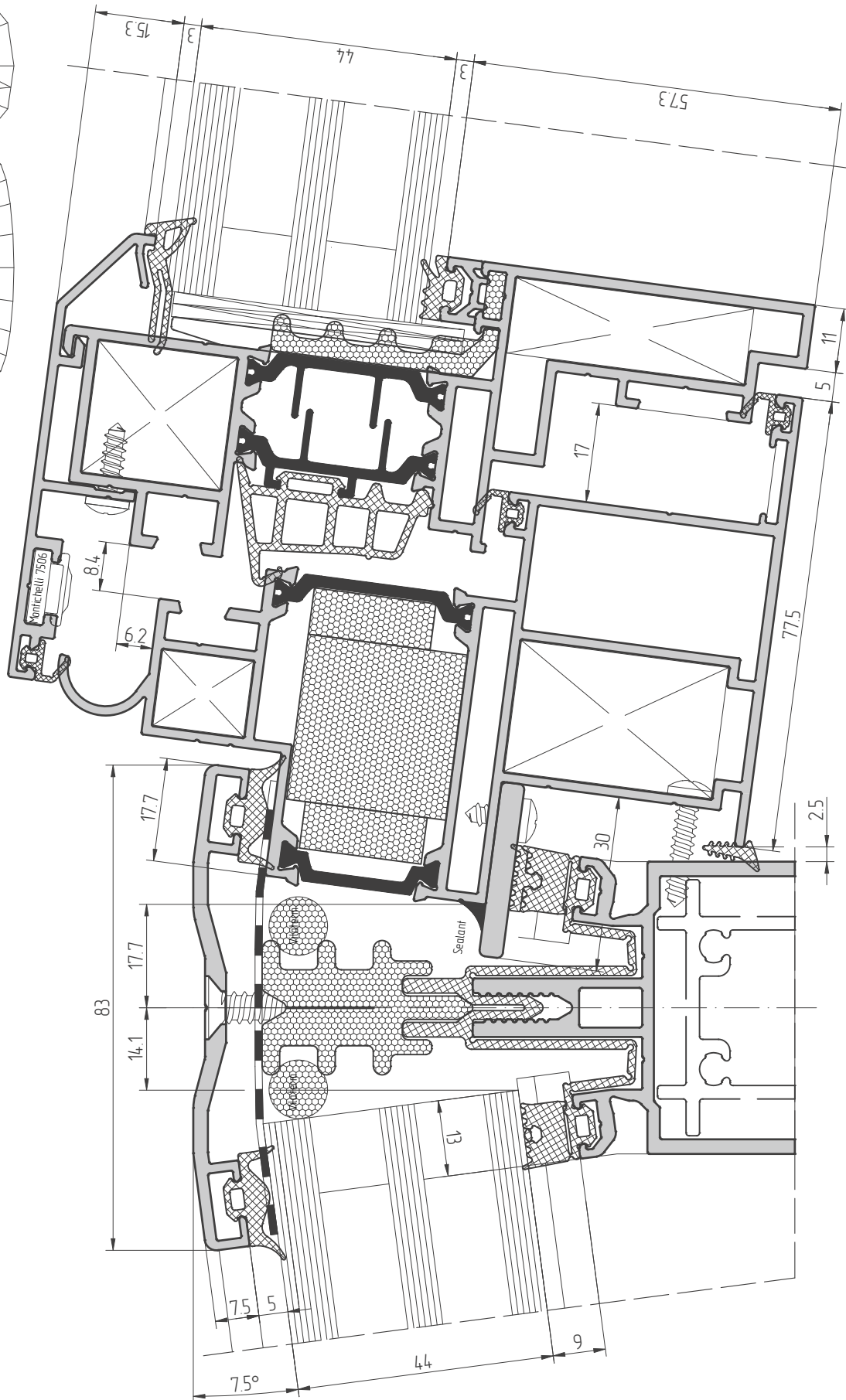
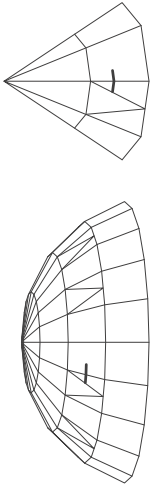


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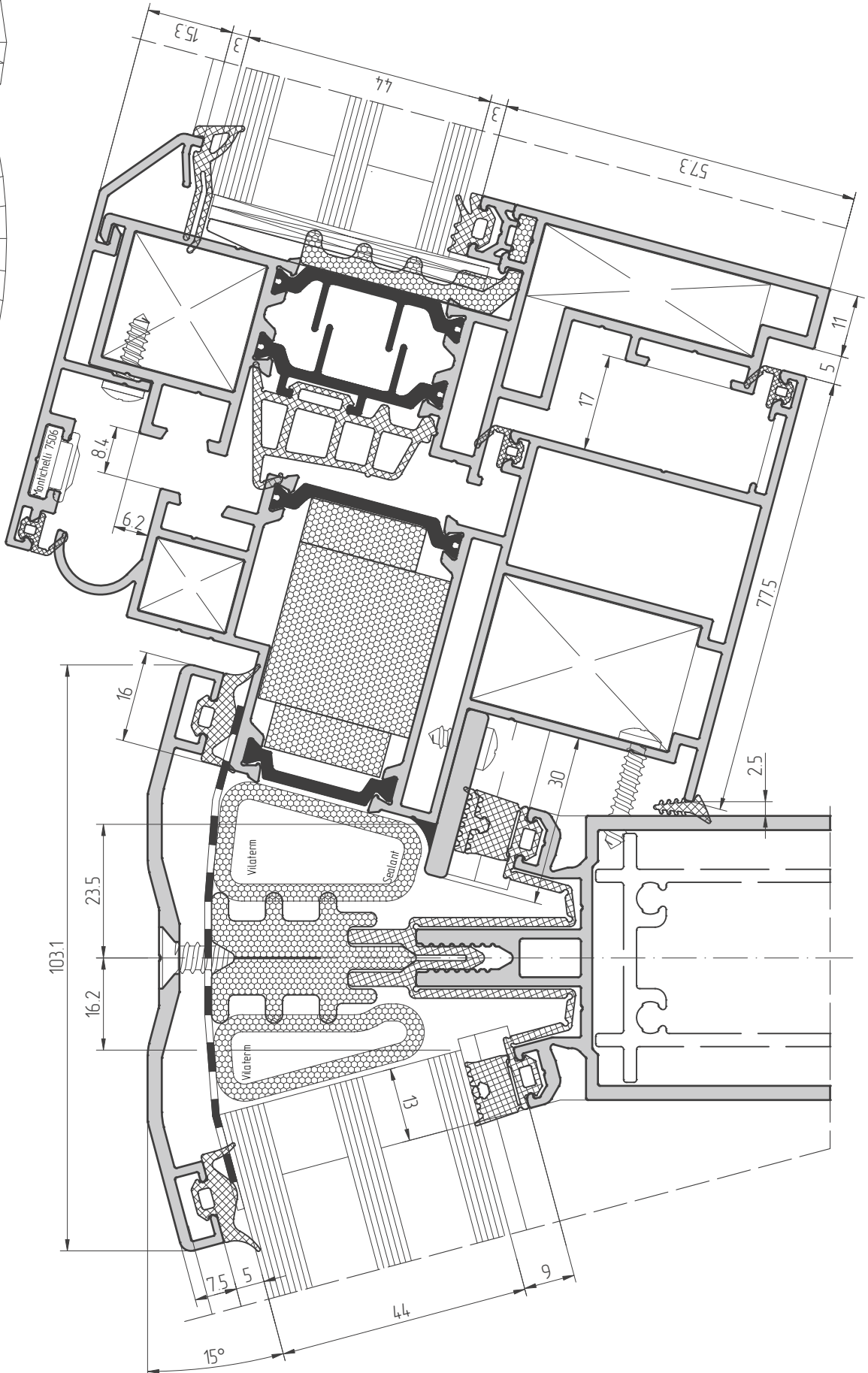
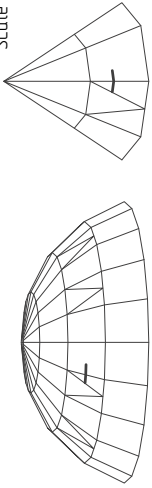




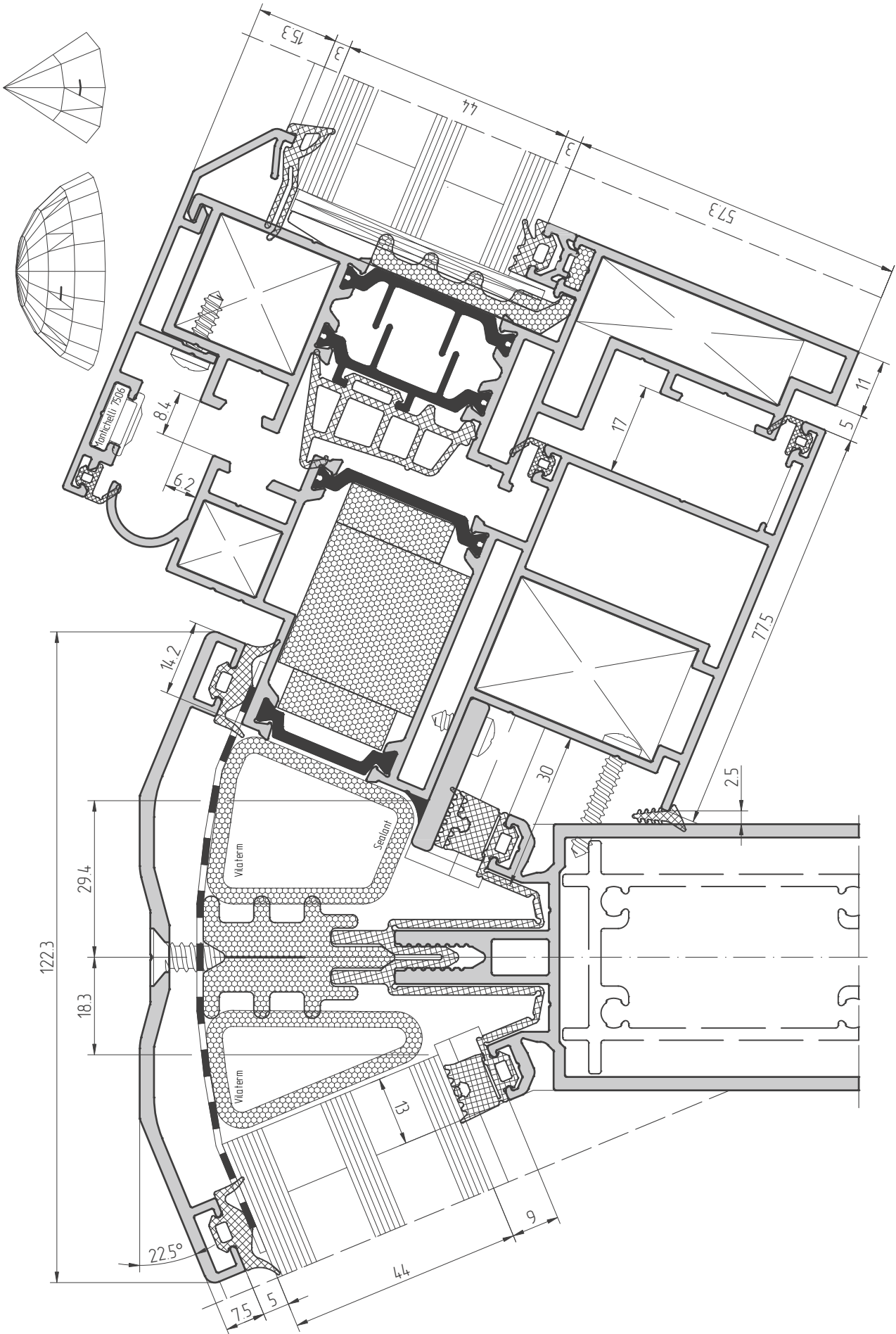
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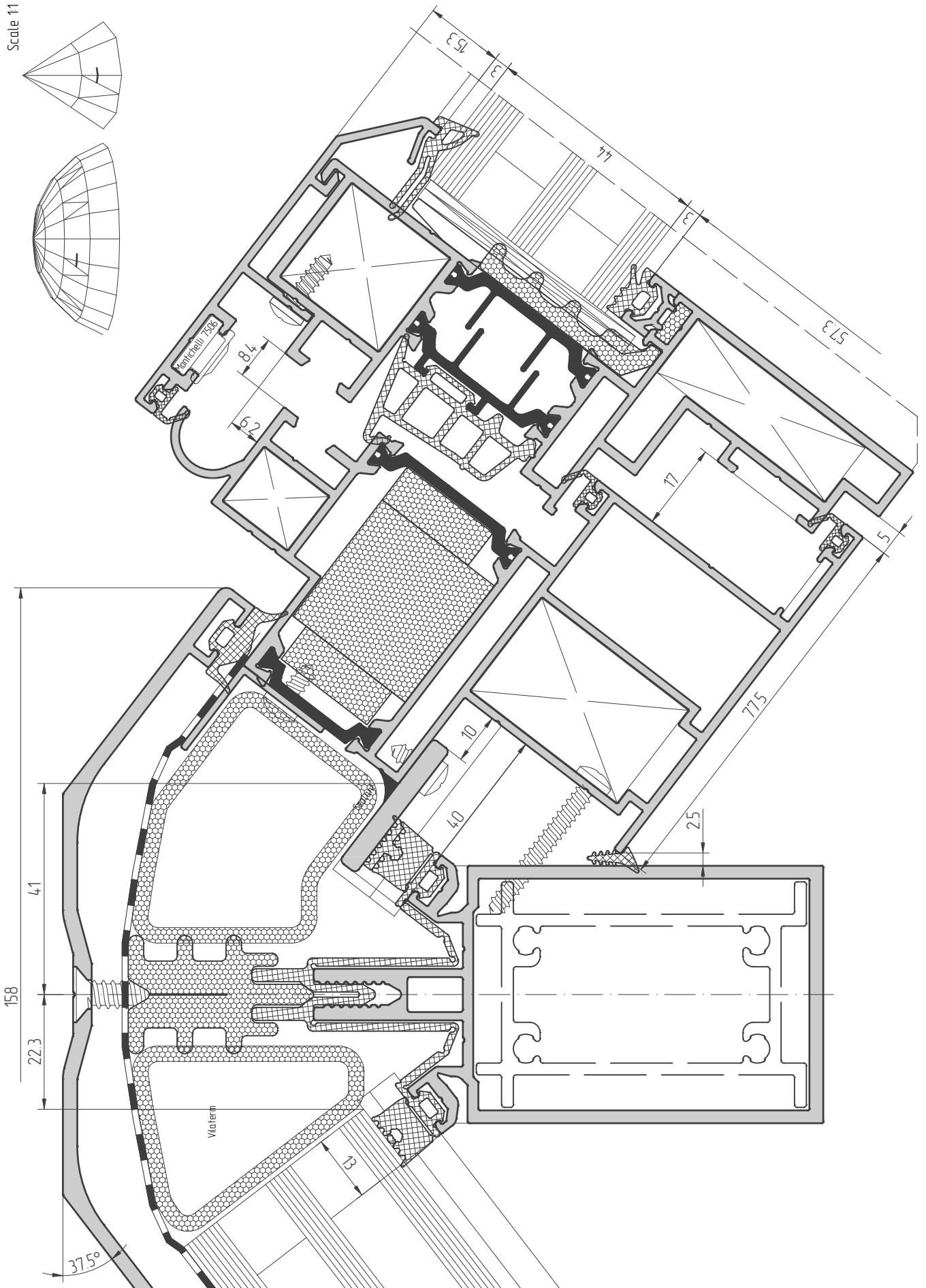


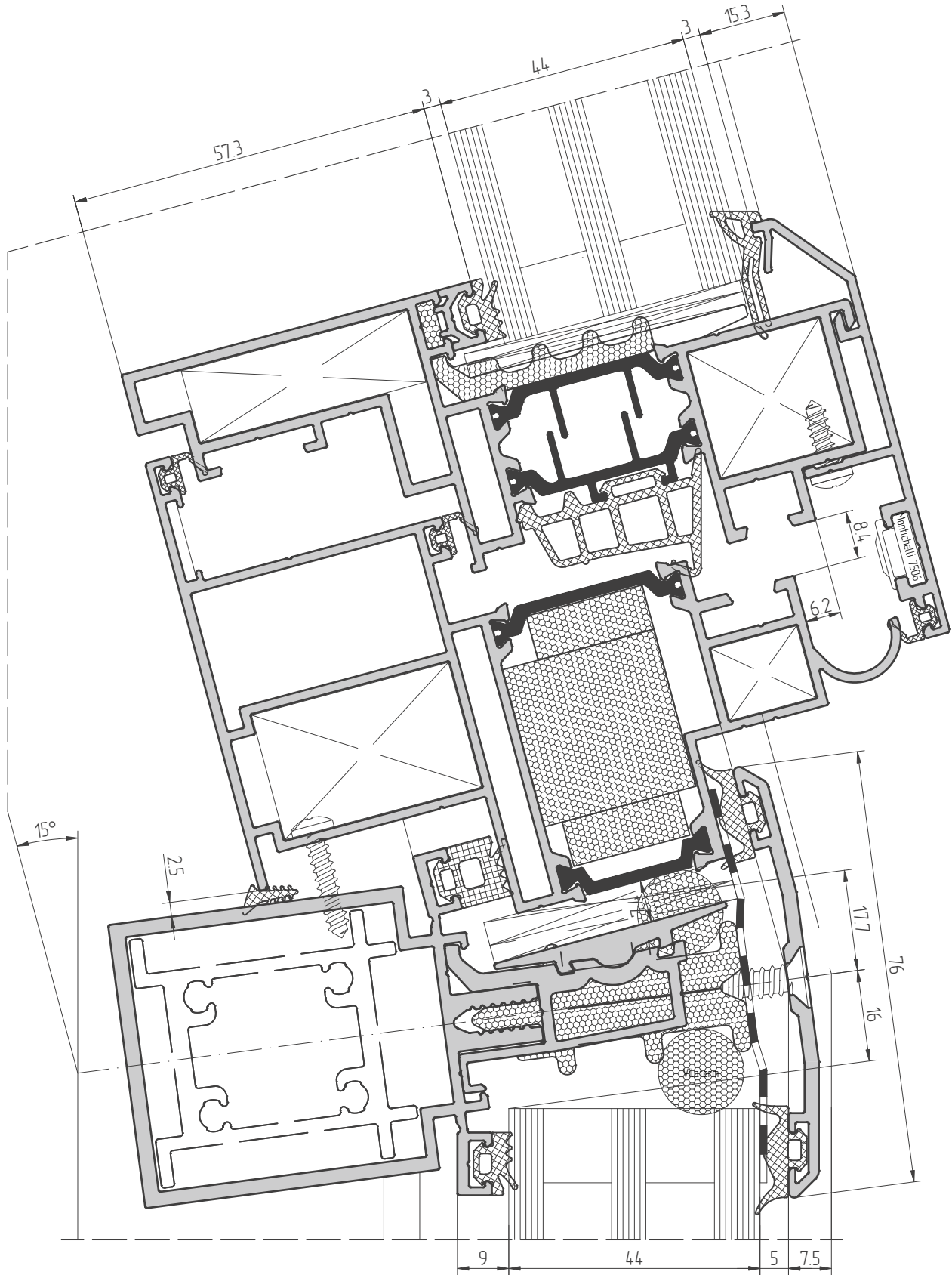
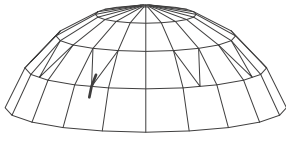
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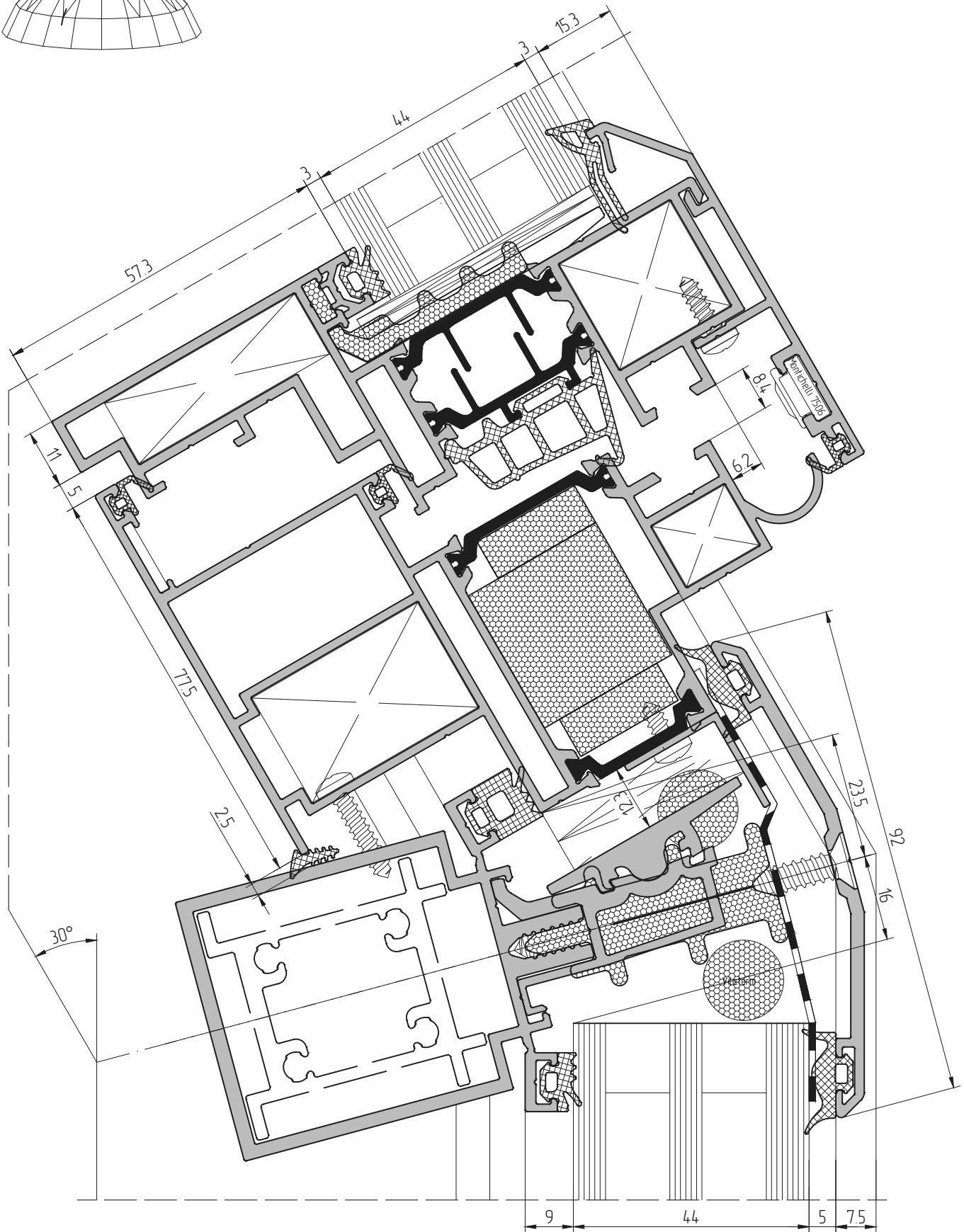
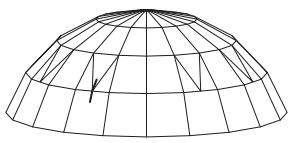


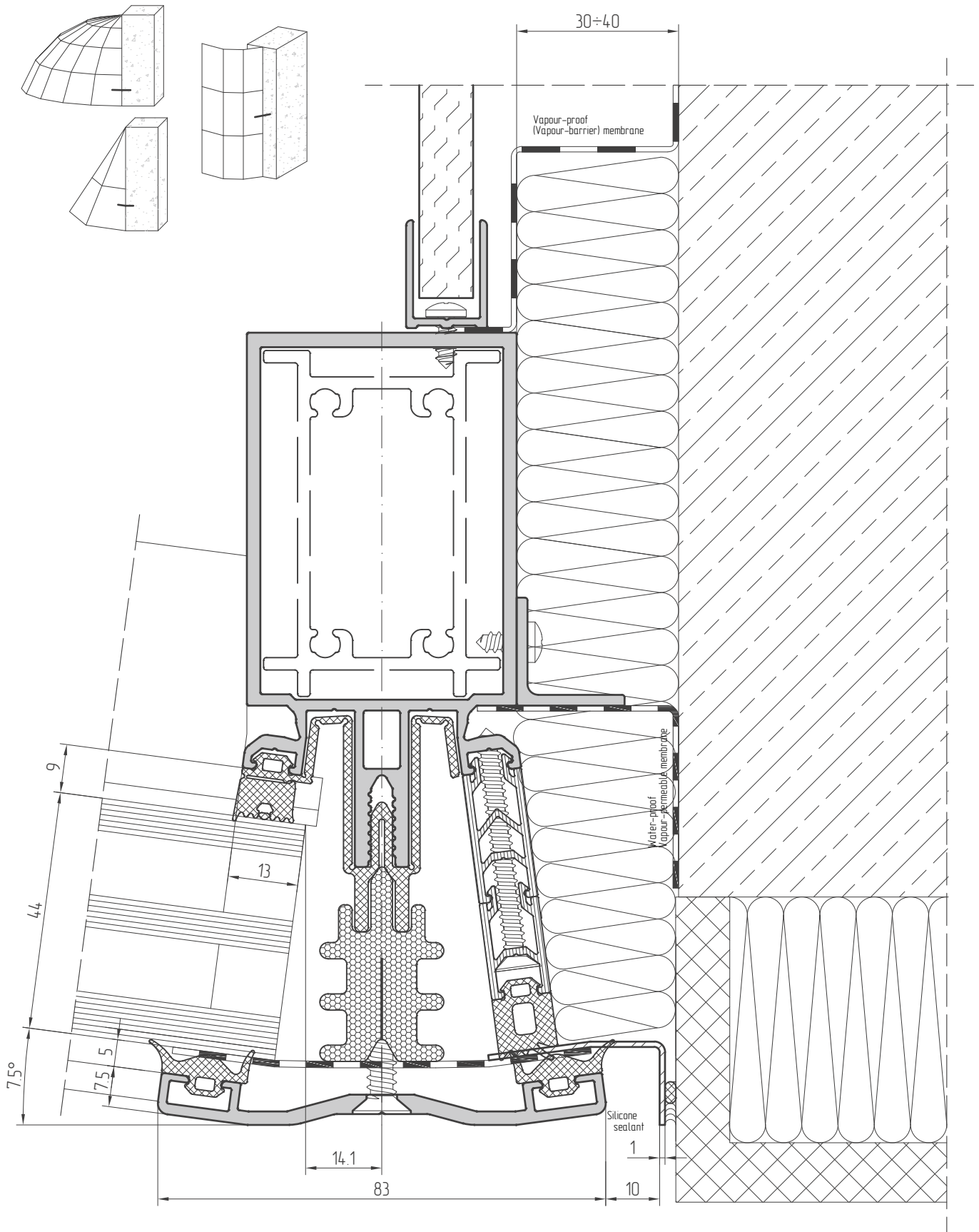
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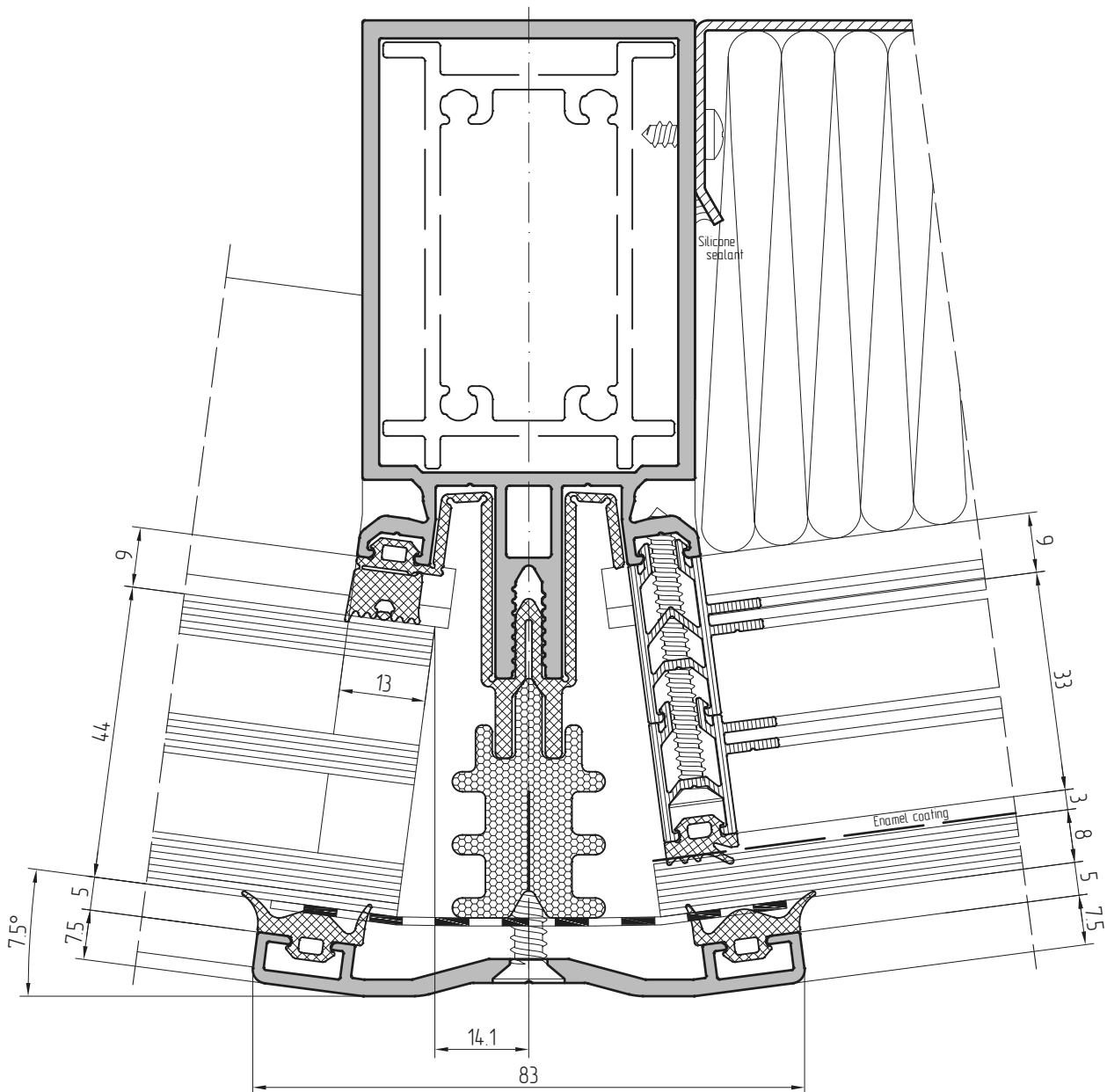
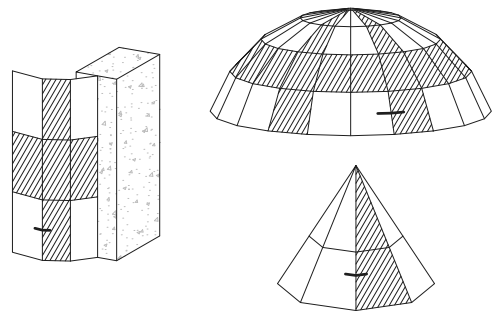




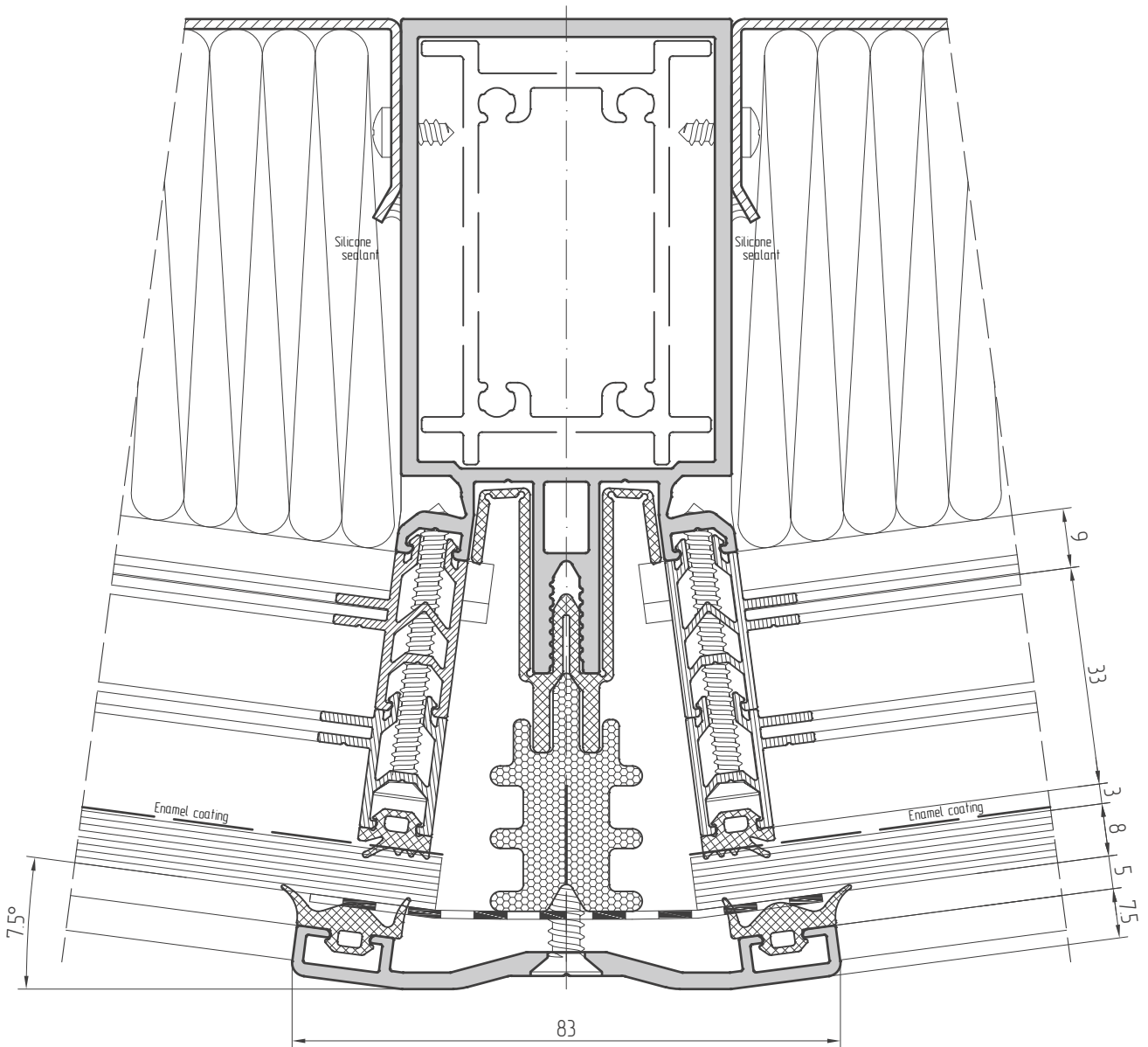
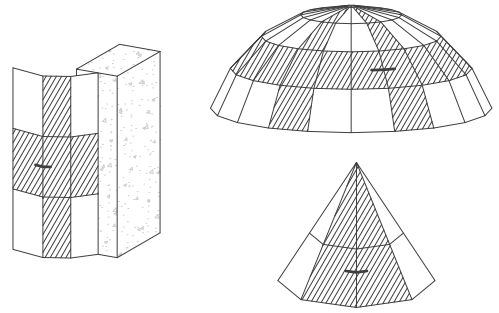


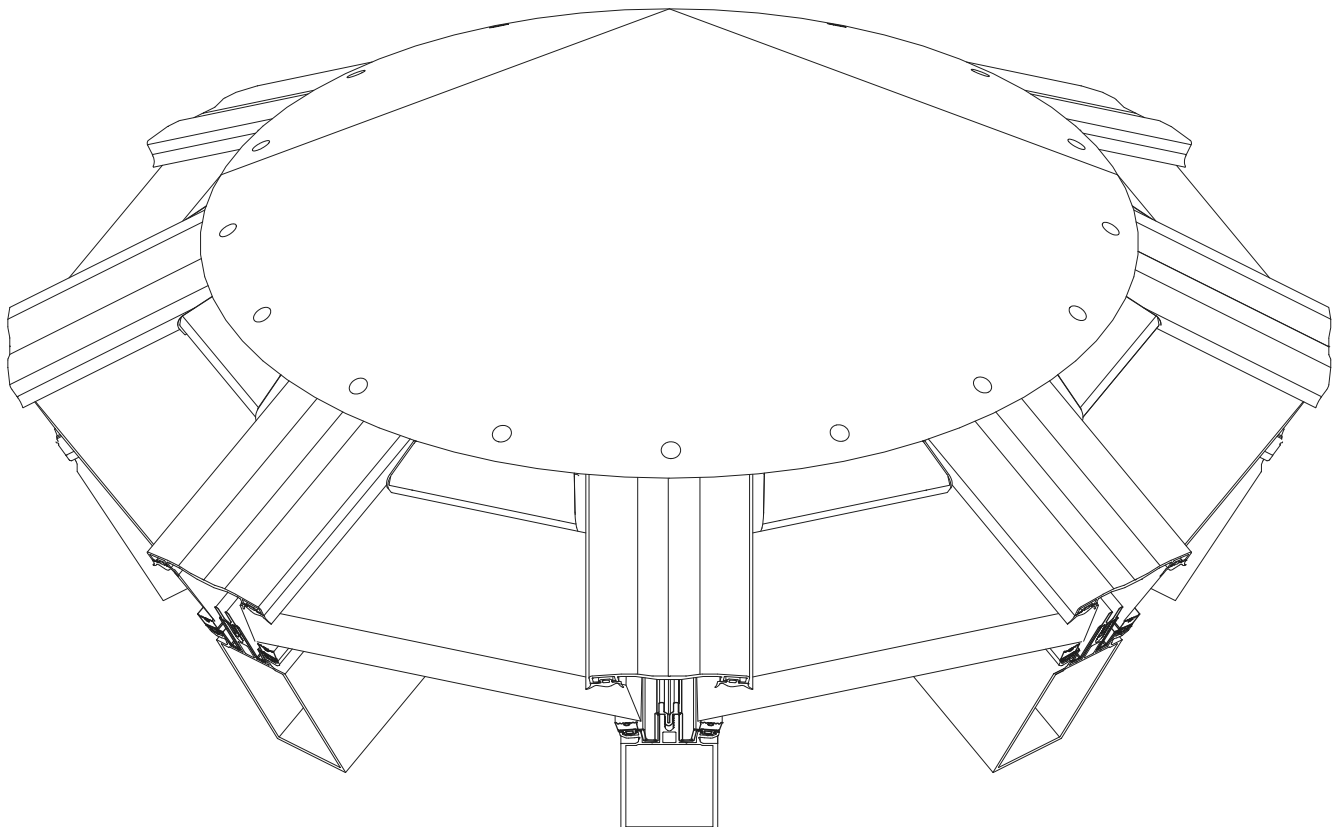
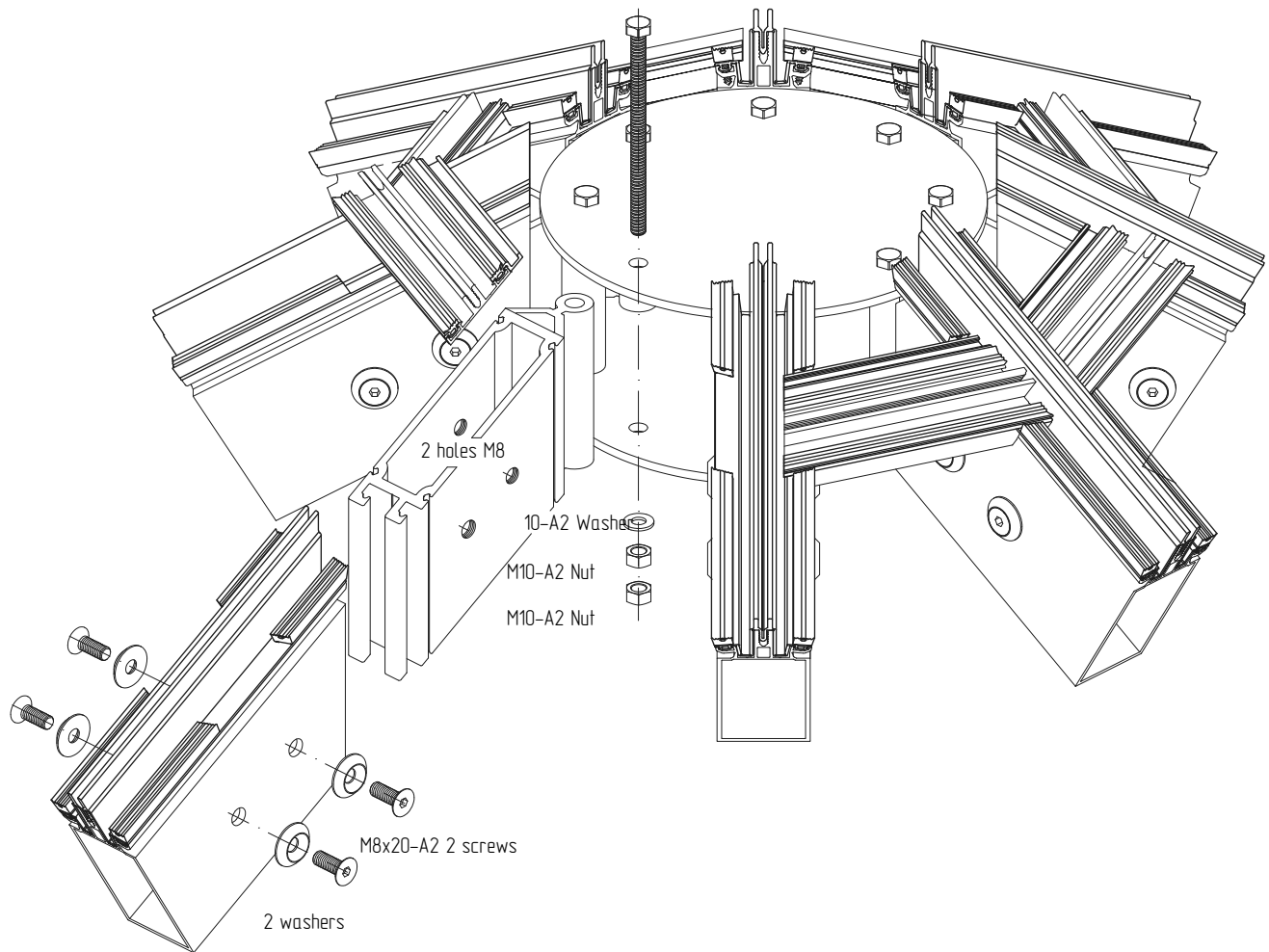


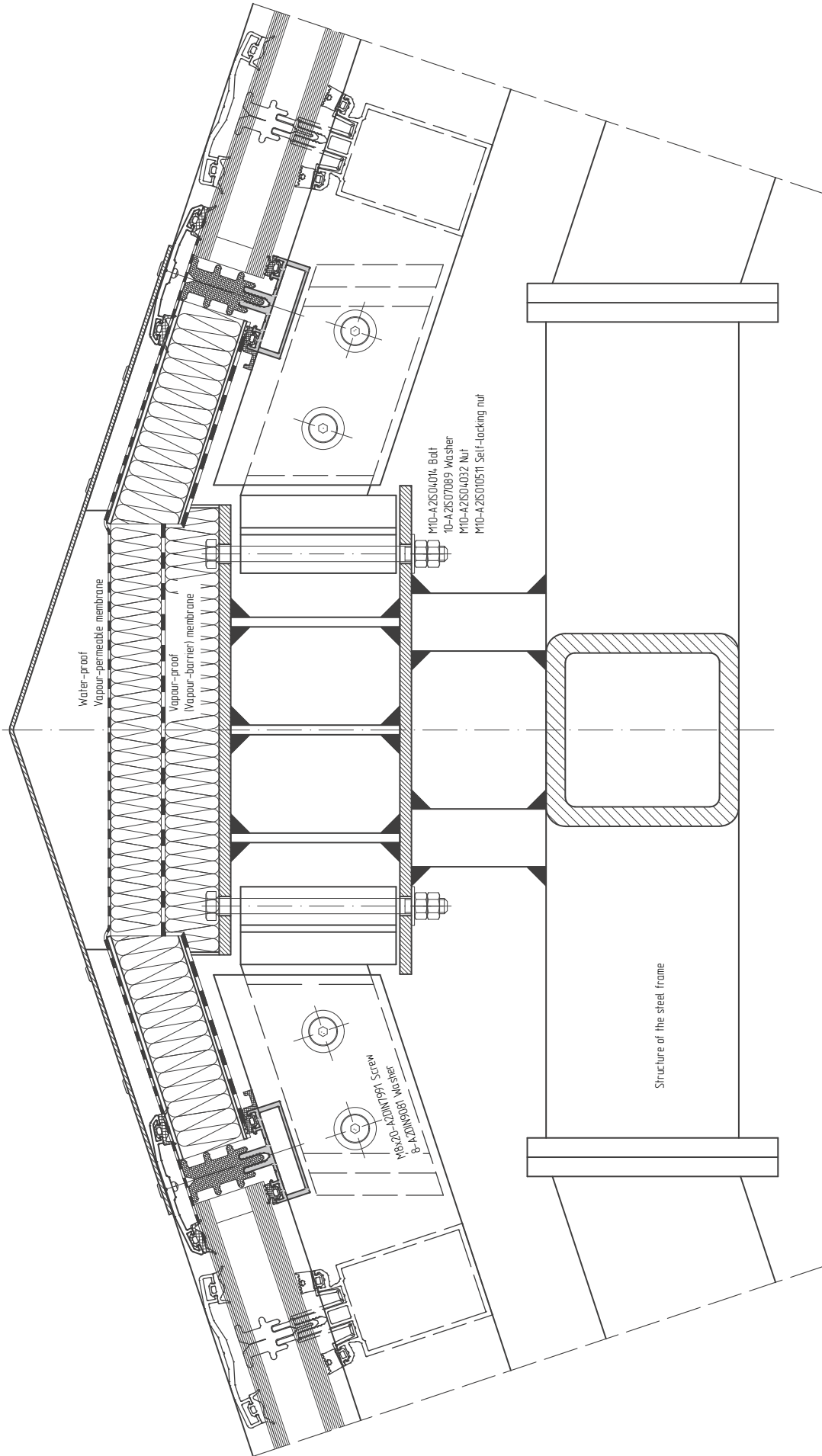
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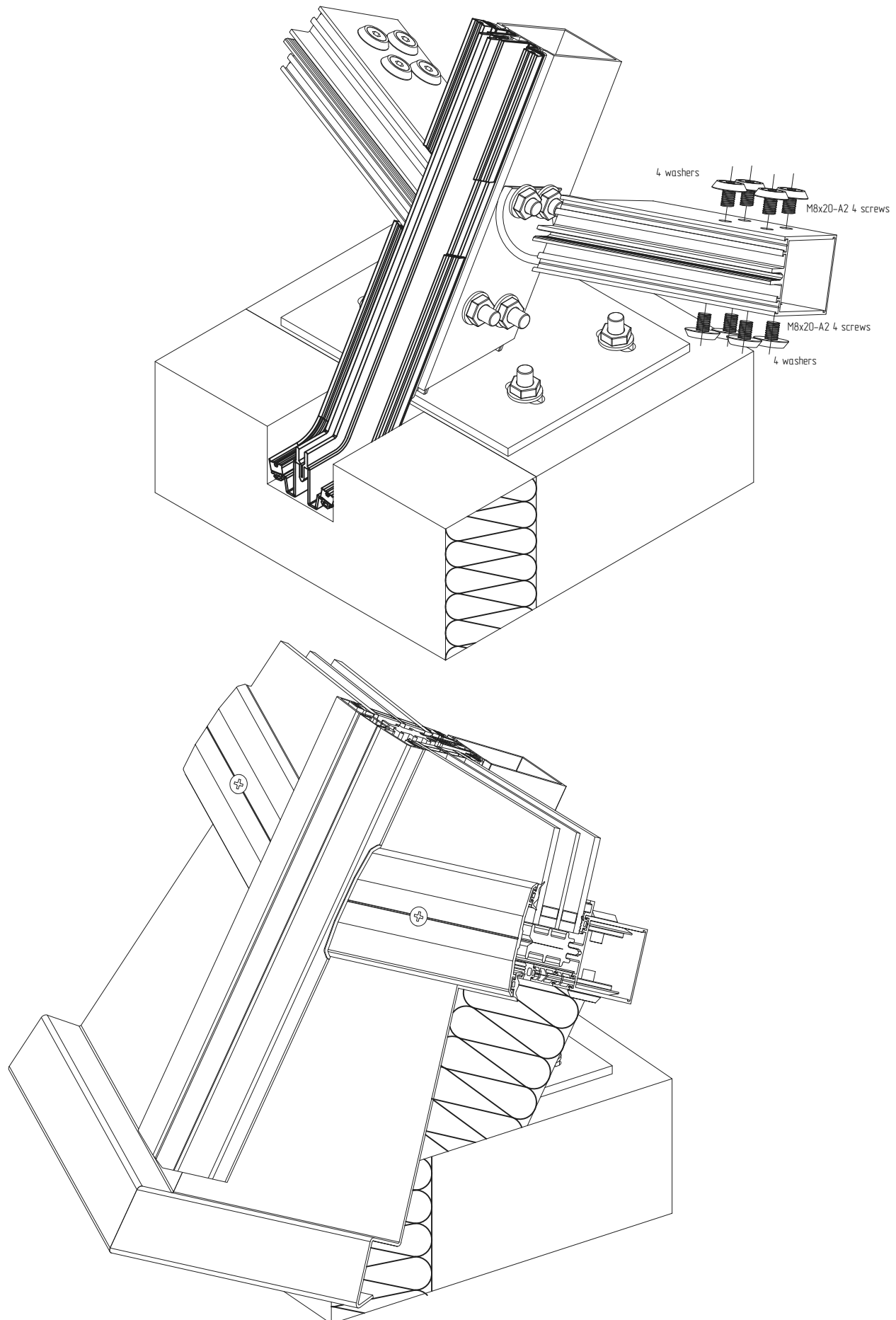


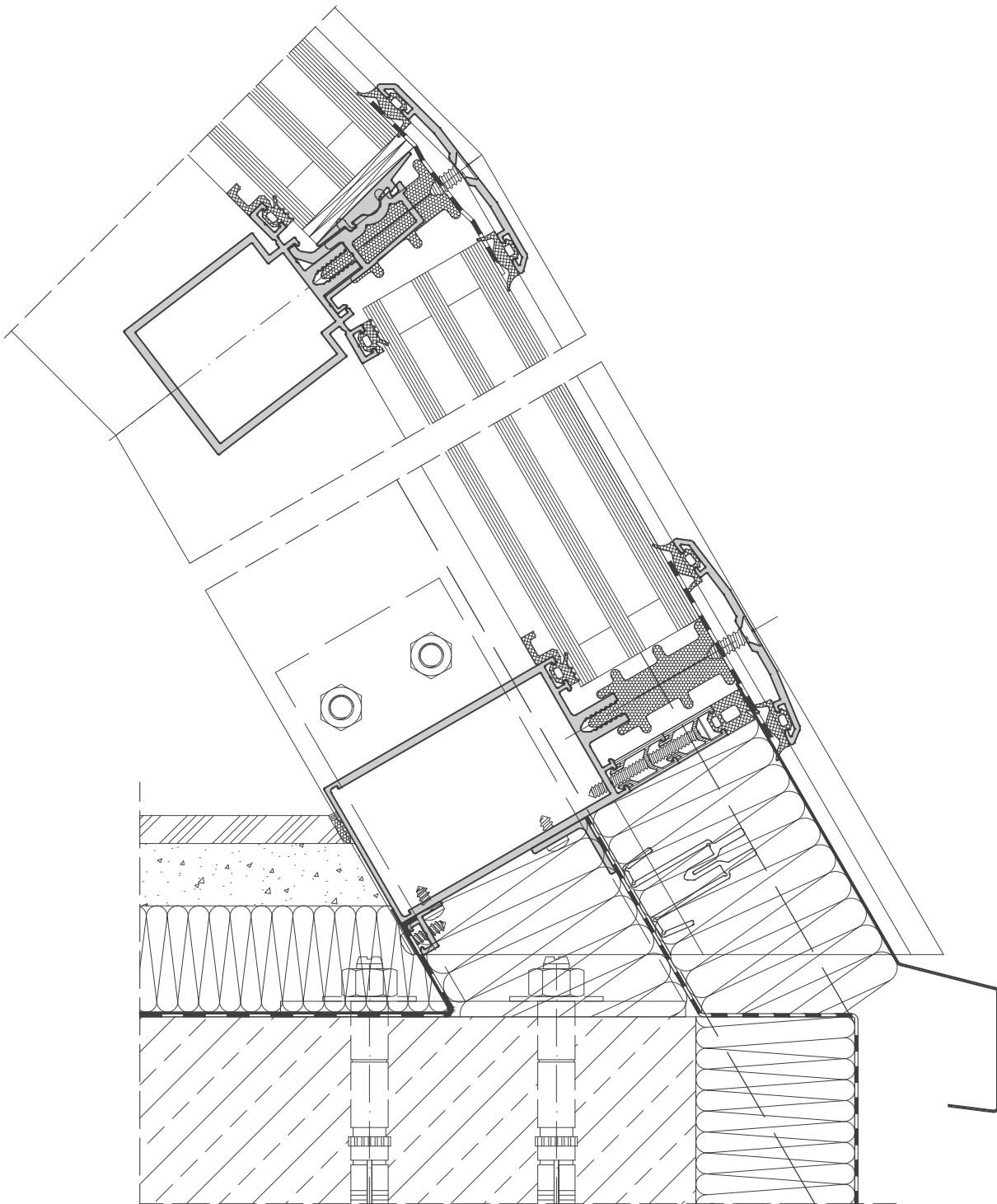
Scale 1:1



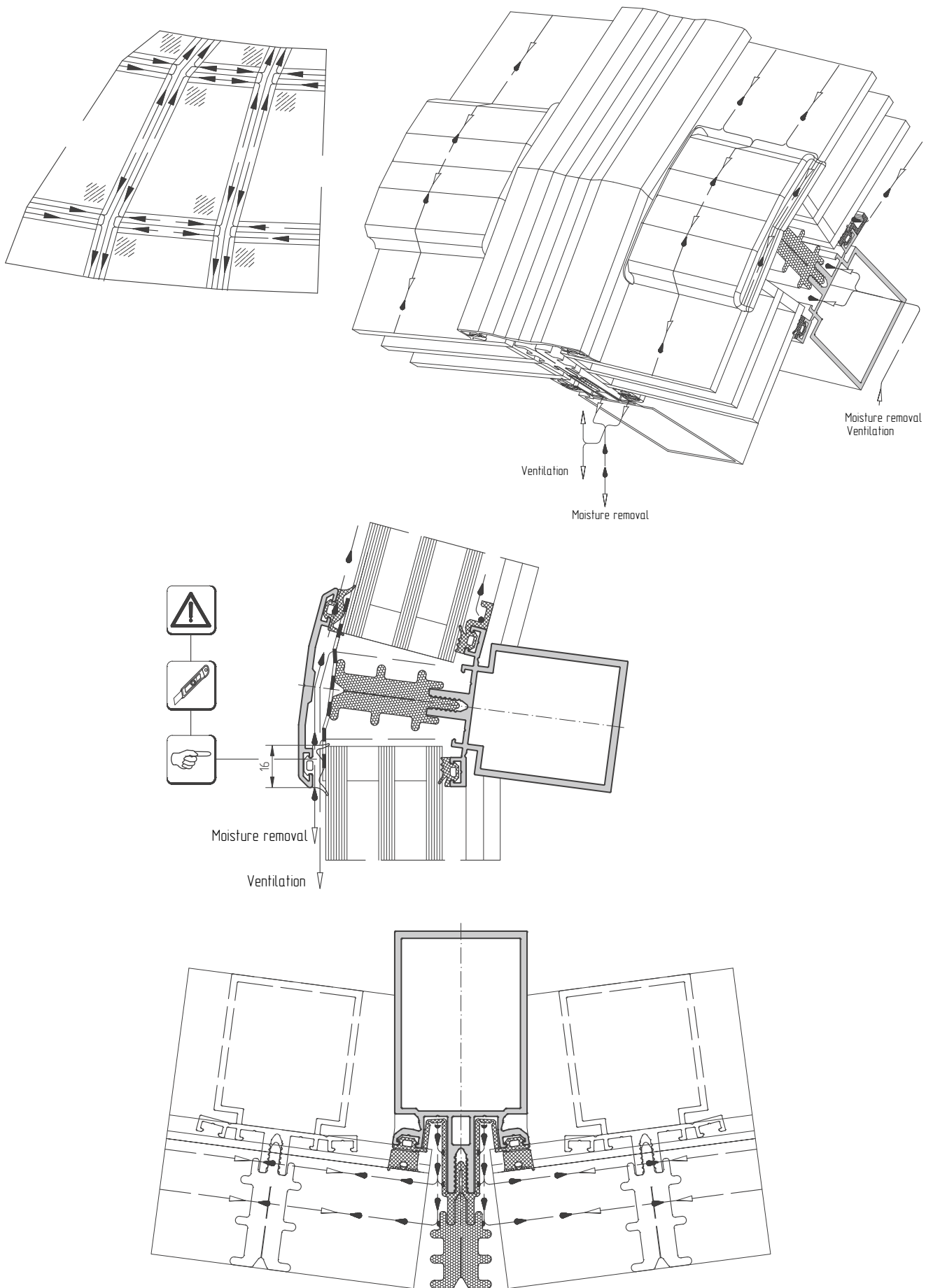




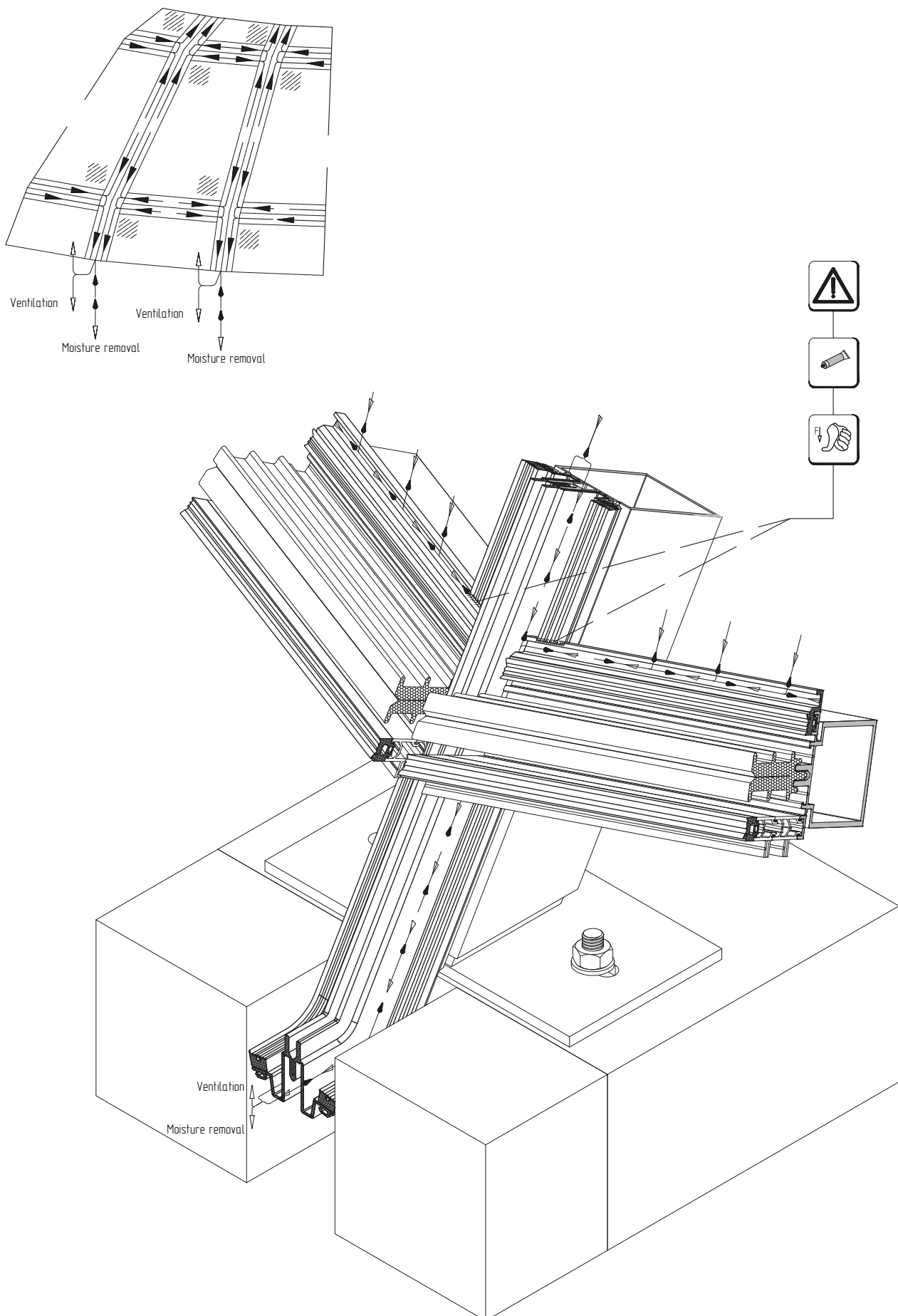




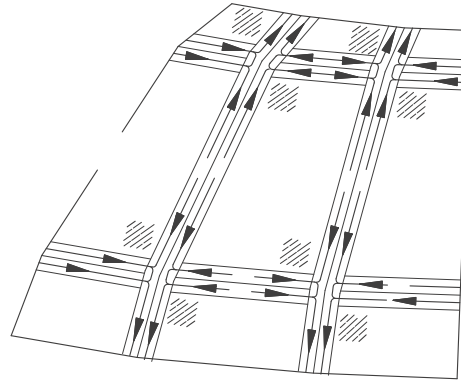
Scheme of ventilation and moisture removal from the area of glass unit rebate



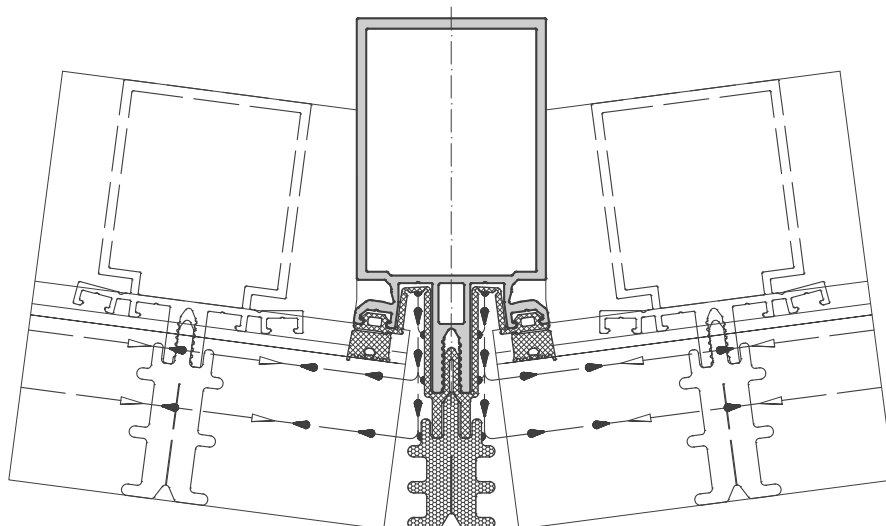
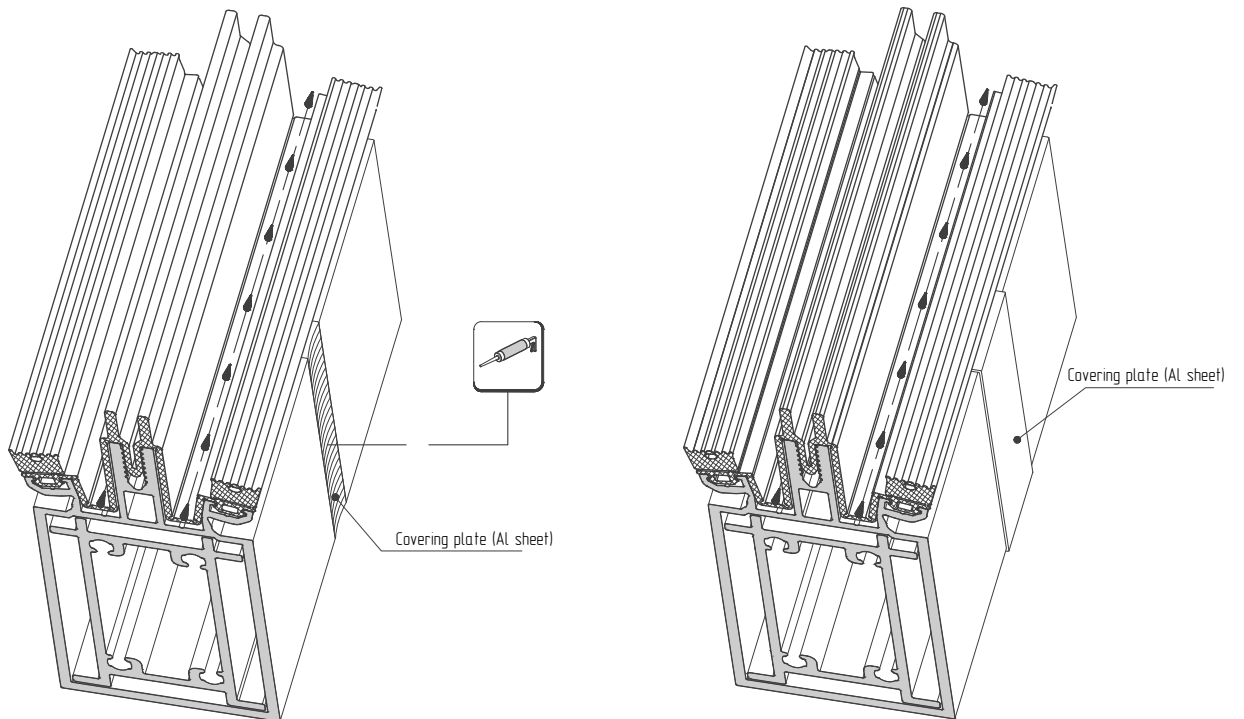
Scheme of ventilation and moisture removal from the area of glass unit rebate



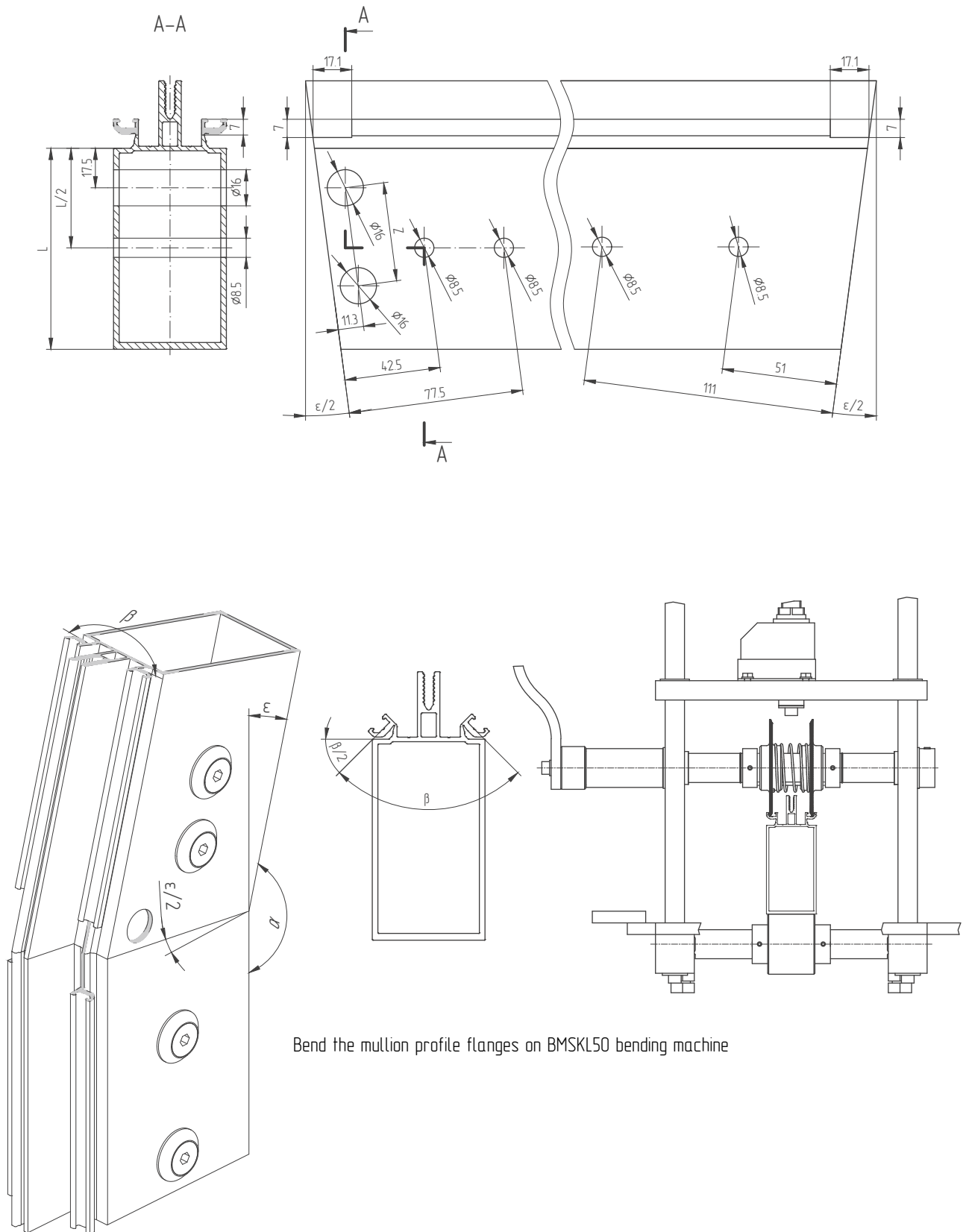
Scheme of ventilation and moisture removal from the area of glass unit rebate



Finishing of mullion functional joint



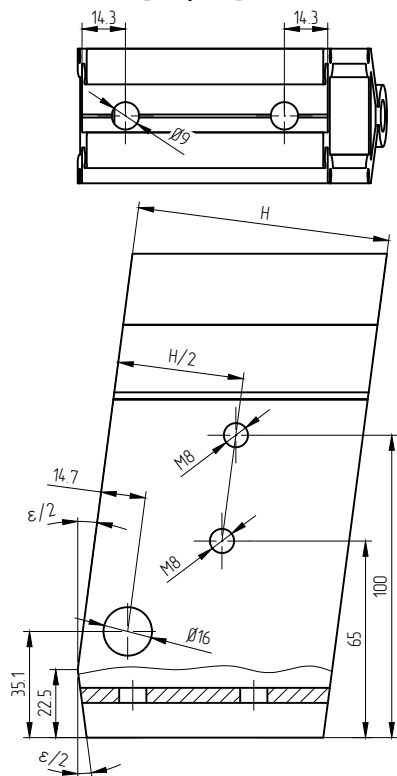
Machining of mullion profile



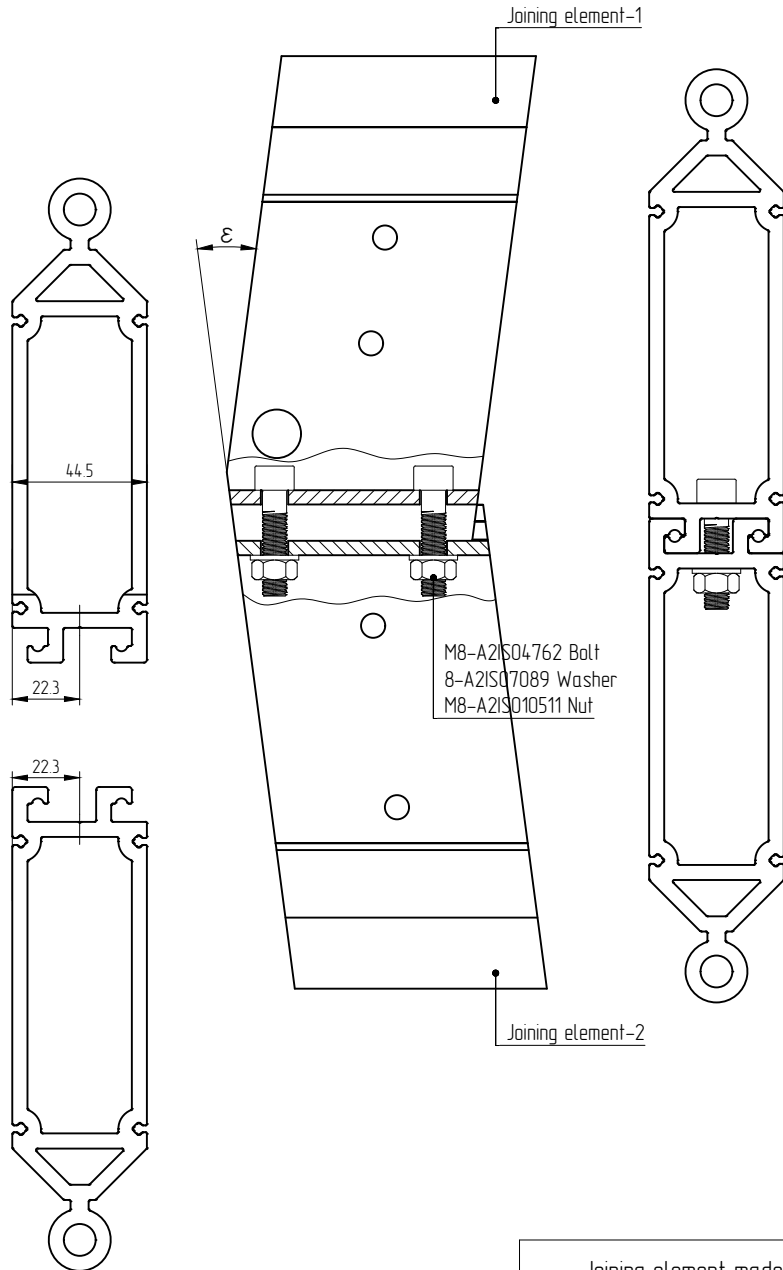
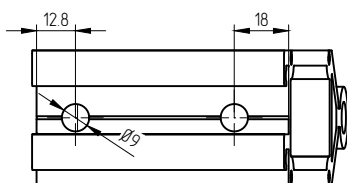
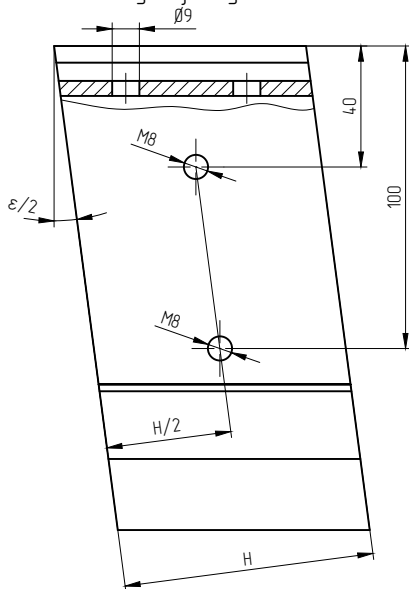
Bend the mullion profile flanges on BMSKL50 bending machine

Machining and assembly of joining elements made of AYP.C.F50.0406 profile

Machining of joining element-1

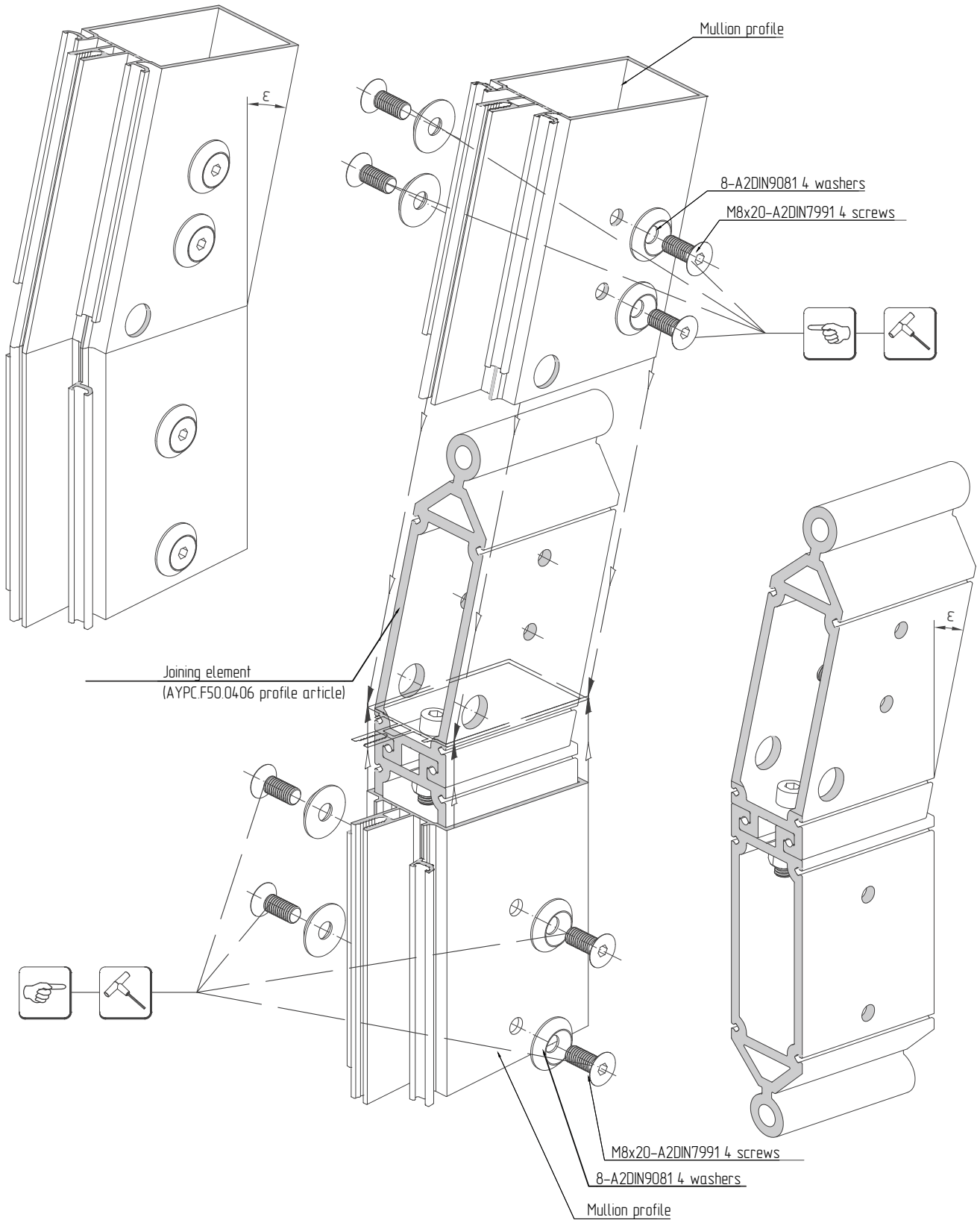


Machining of joining element-2

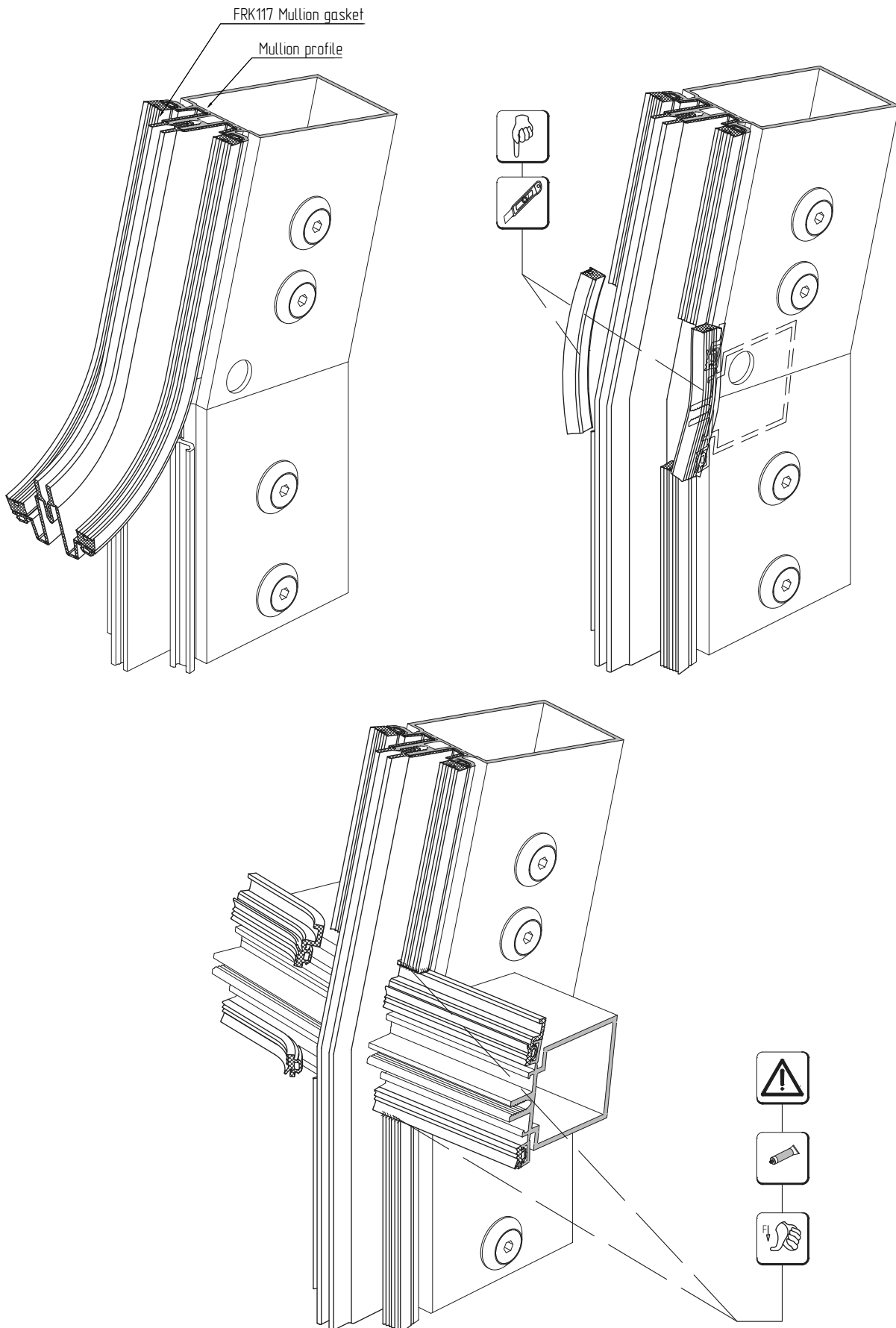


Joining element made of AYP.C.F50.0406 profile	
Width H, mm	For mullion
45.8	AYPC.SK150.0102
63.8	AYPC.SK150.0103
83.5	AYPC.SK150.0104
103.2	AYPC.SK150.0105
123.2	AYPC.SK150.0106
152.6	AYPC.SK150.0107
182	AYPC.SK150.0108

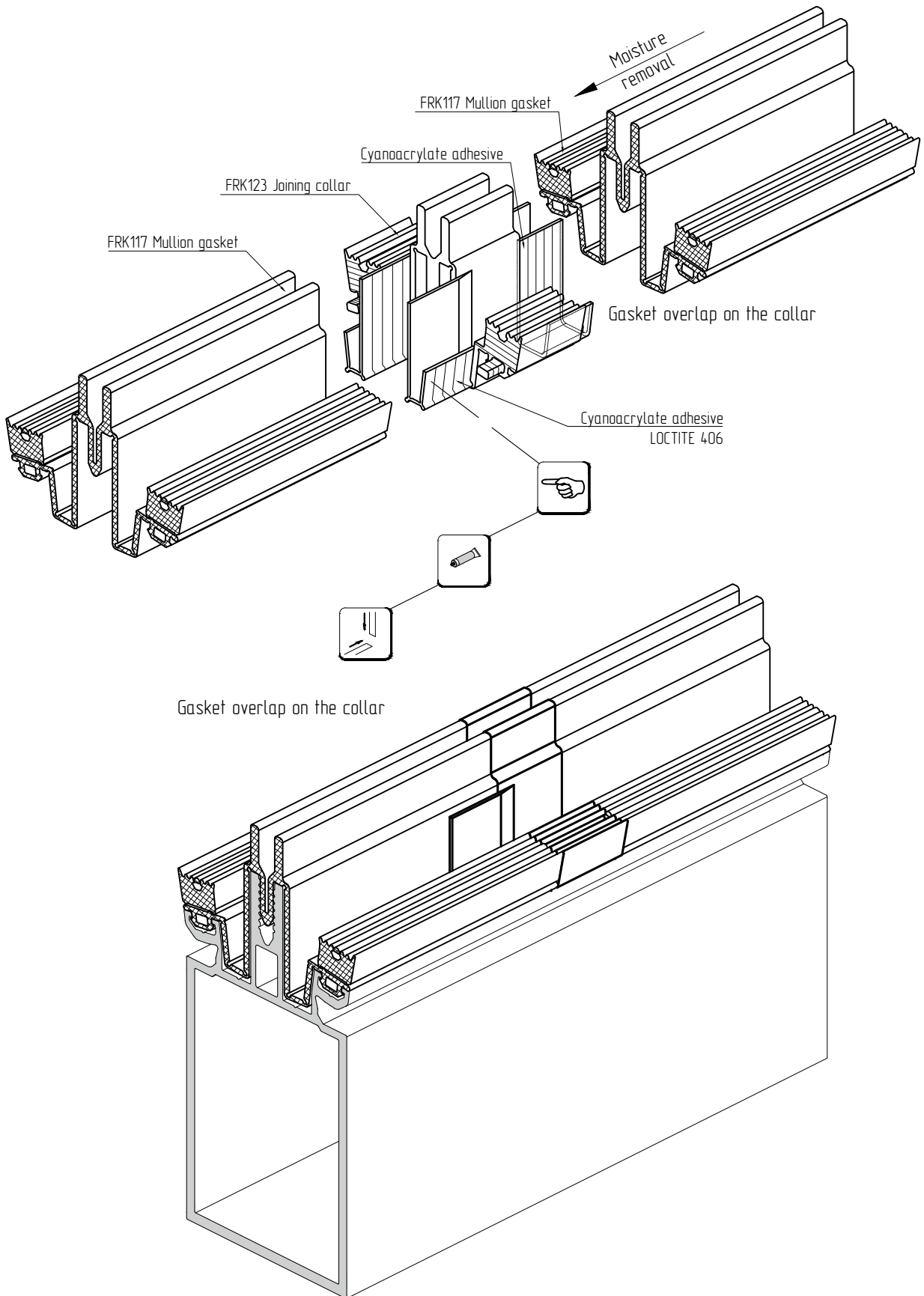
Connection of mullions



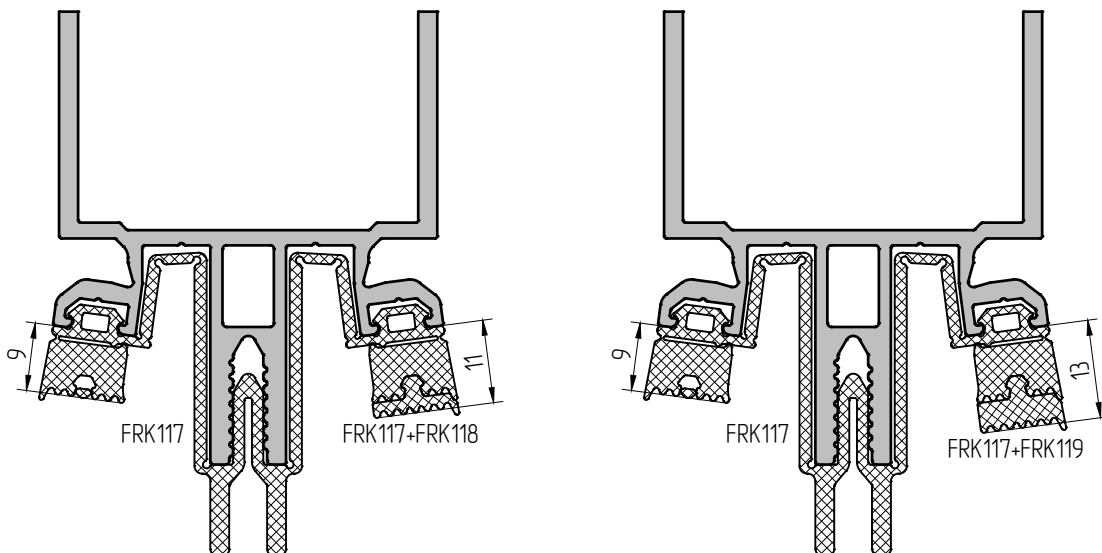
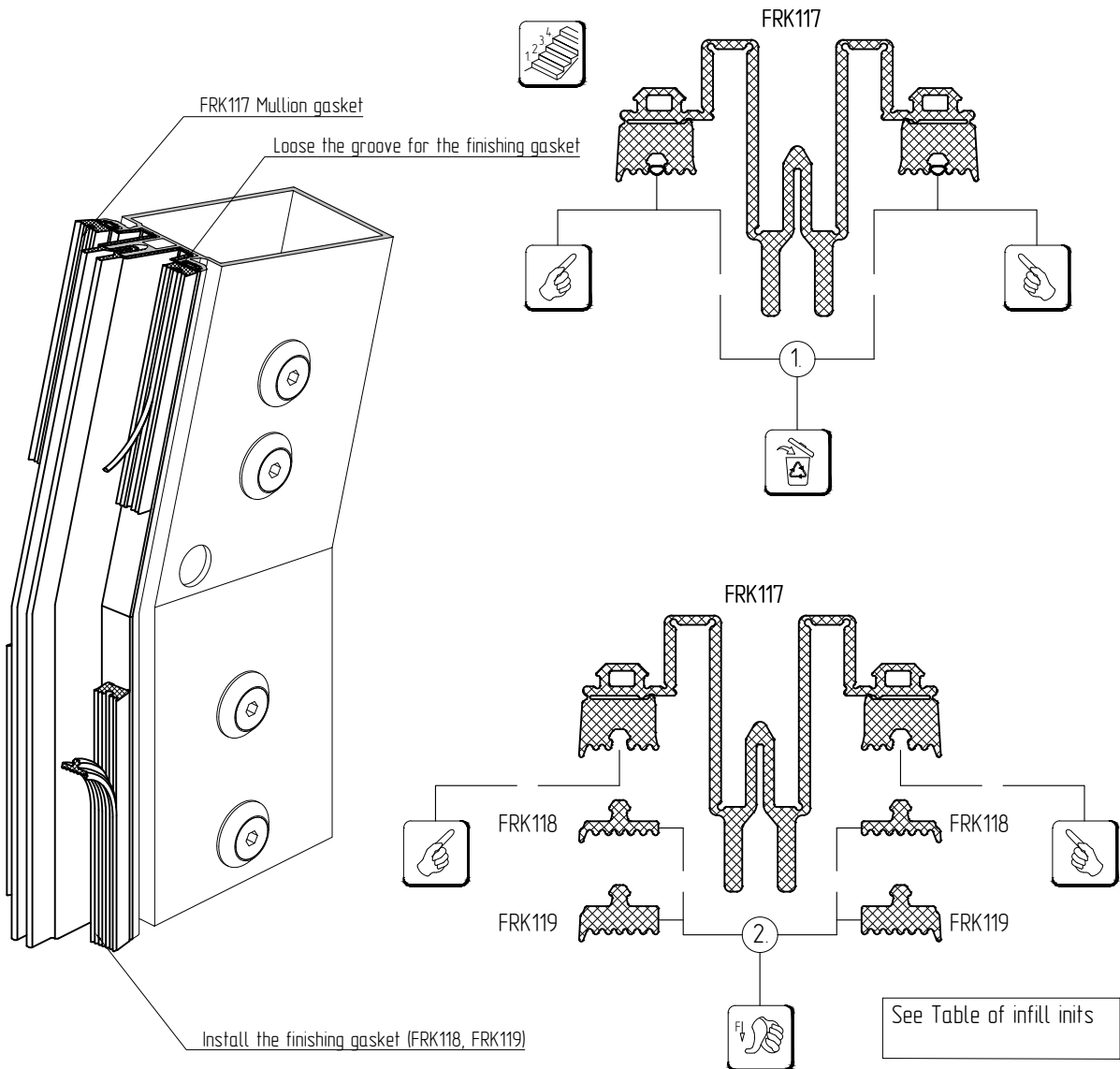
Machining of FRK117 Mullion gasket for transom installation



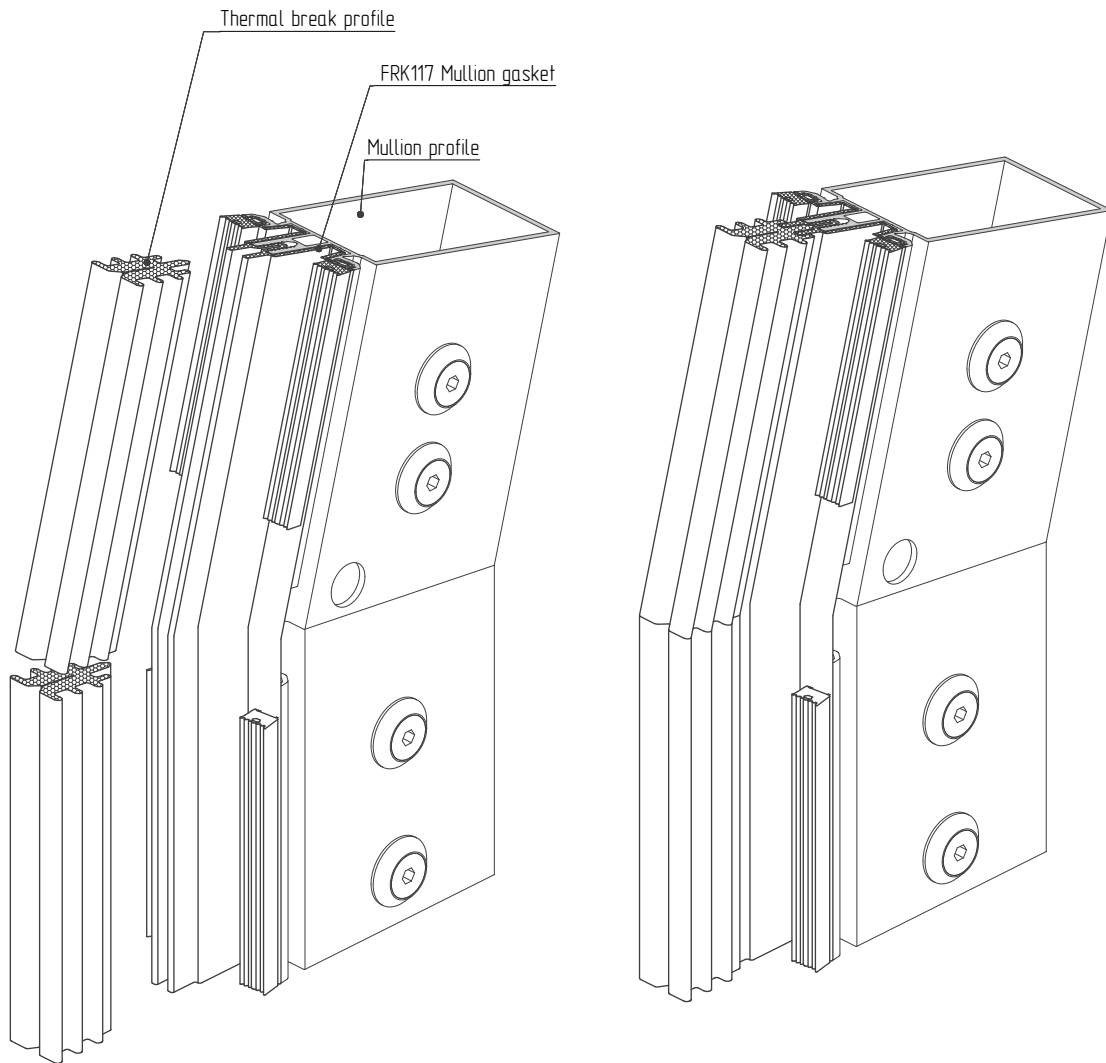
Connection of gasket FRK117 with joining collar FRK123



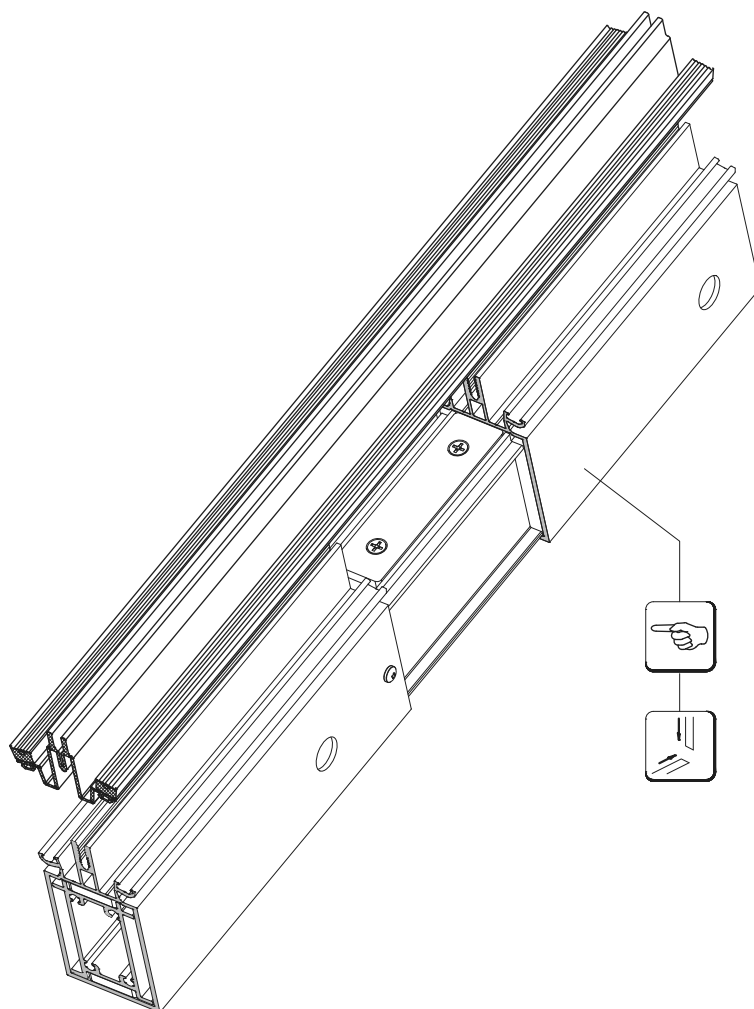
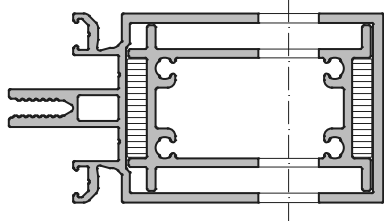
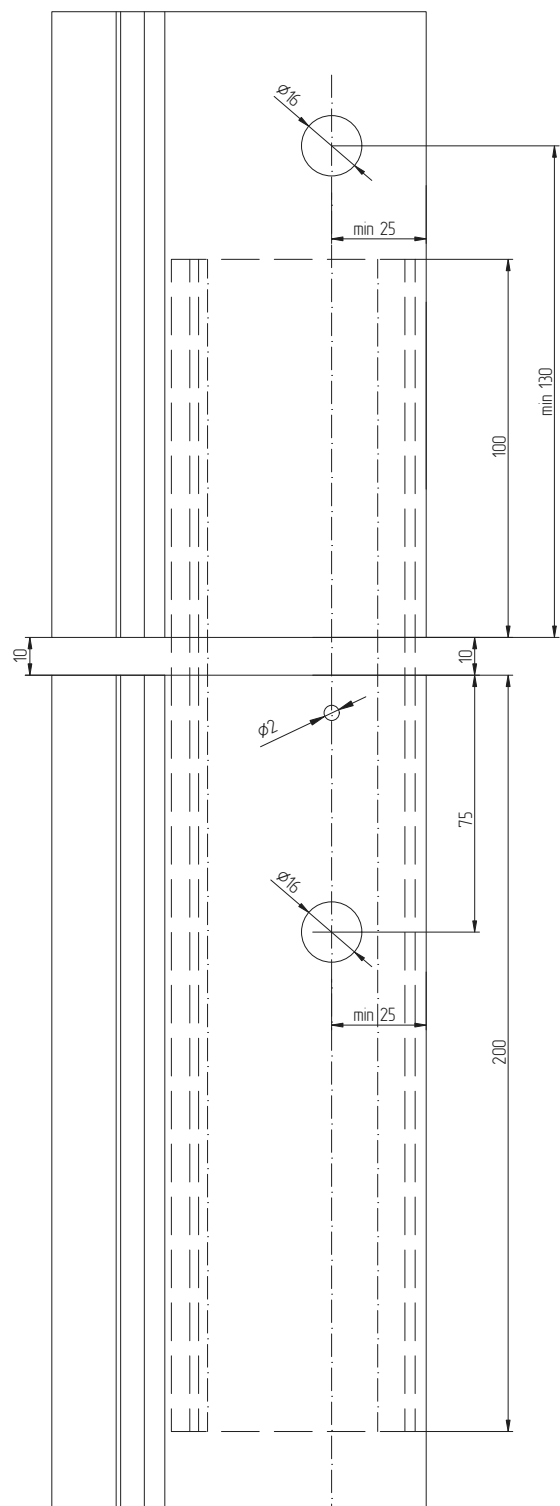
Installation of finishing gaskets



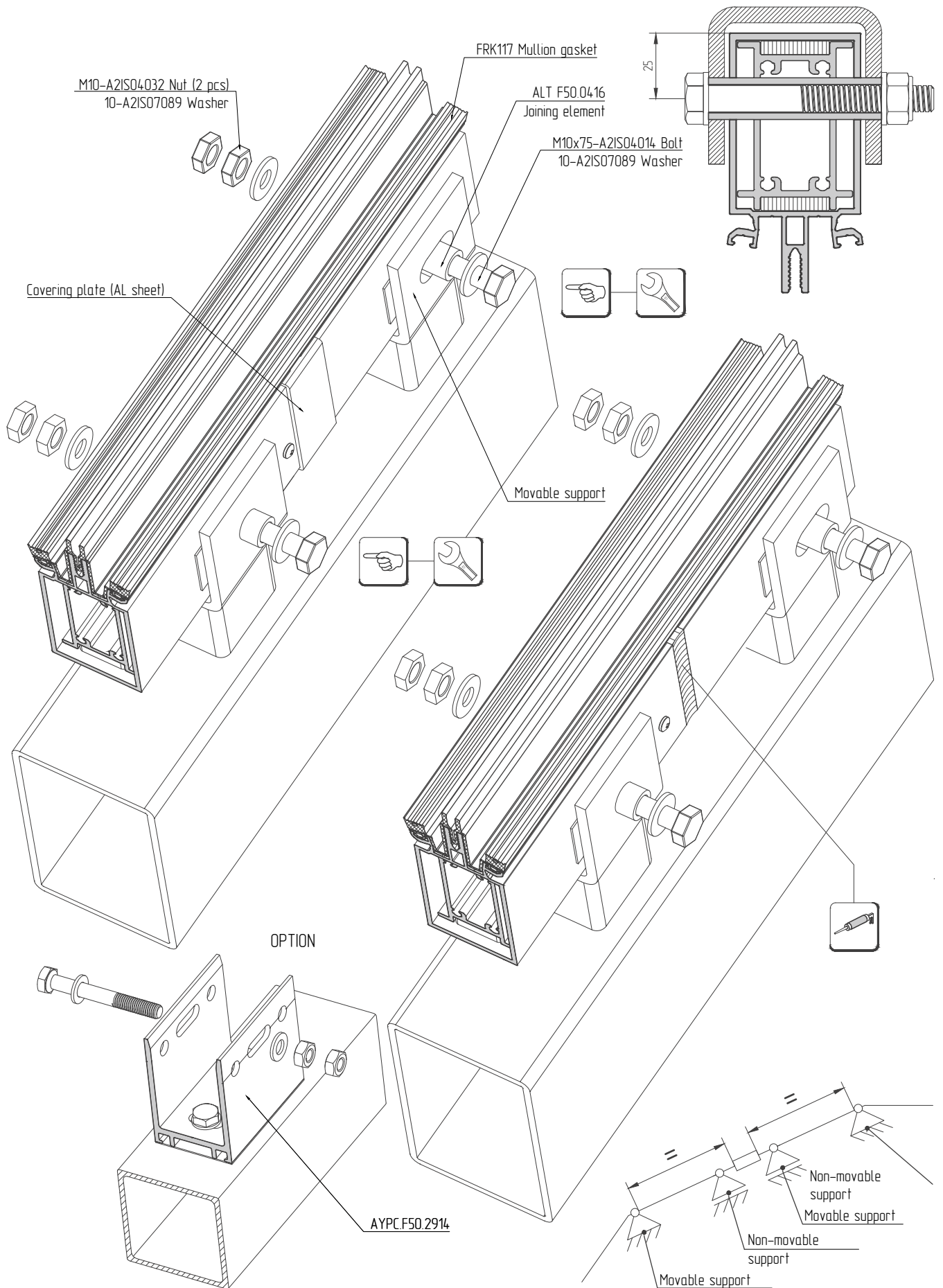
Installation of thermal break profile



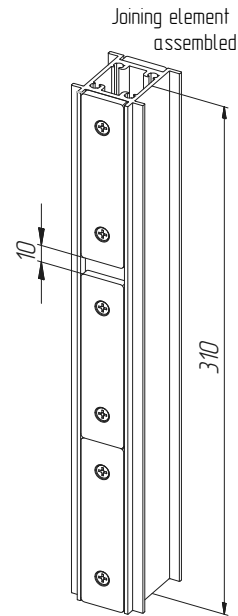
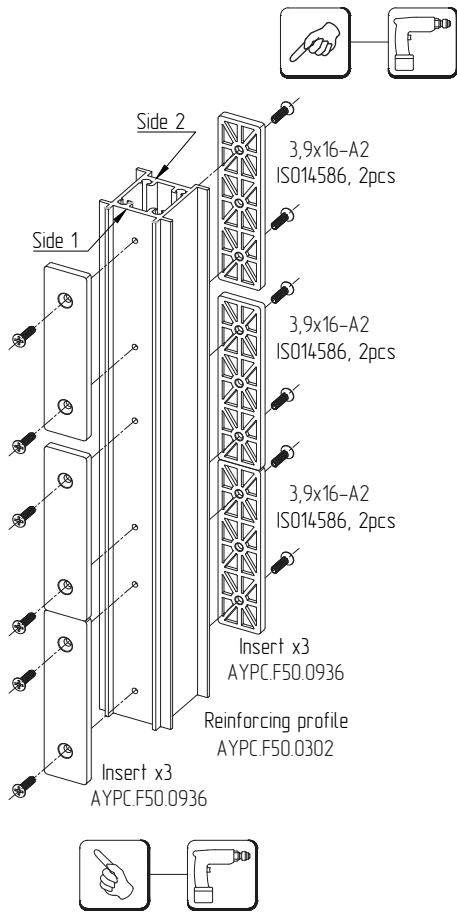
Connection of mullion profiles incorporating thermal breaks



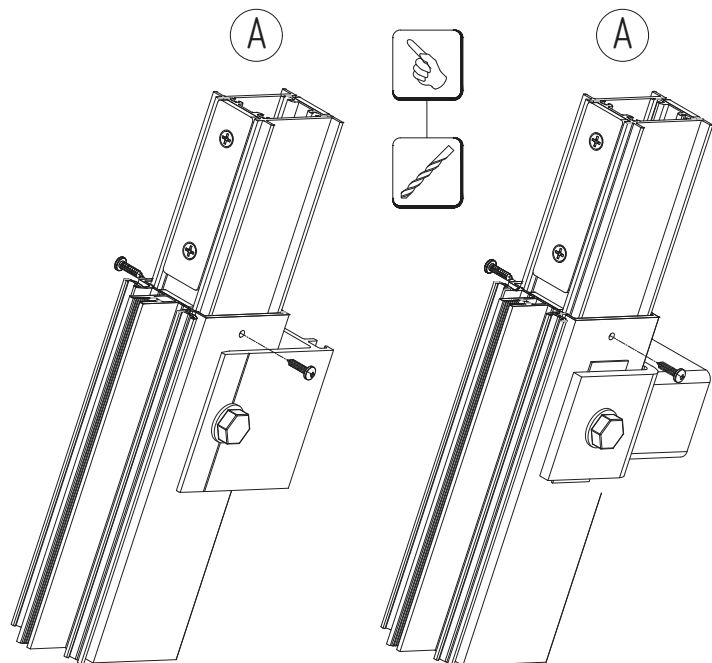
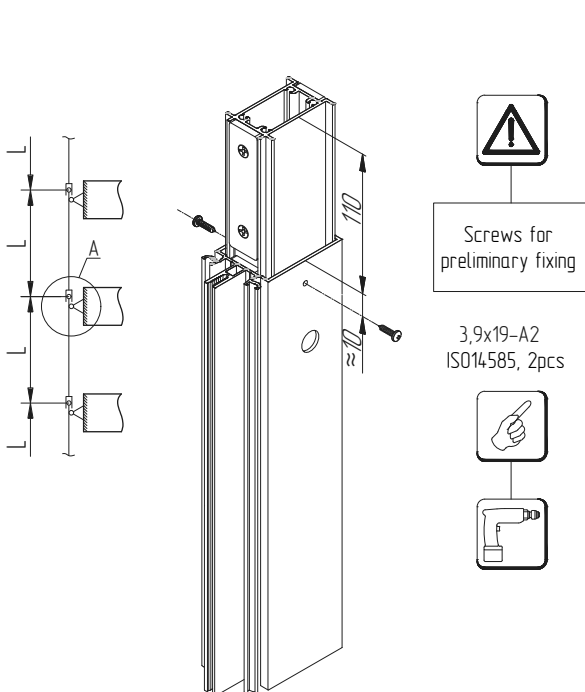
Connection of mullion profiles incorporating thermal breaks

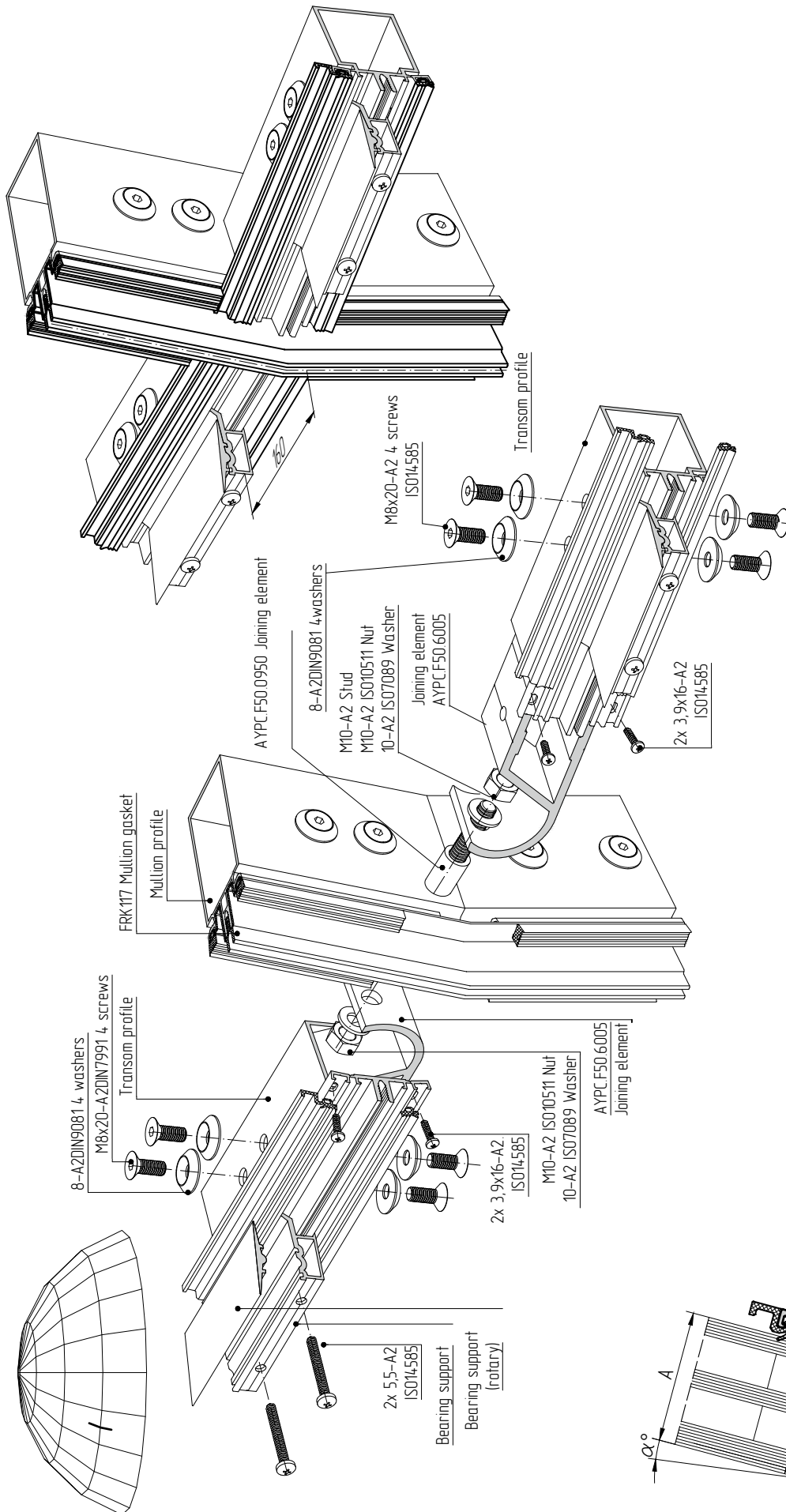


Assembly sequence of the two mullion fixing joint heightwise in a single-span section scheme of the glass structure

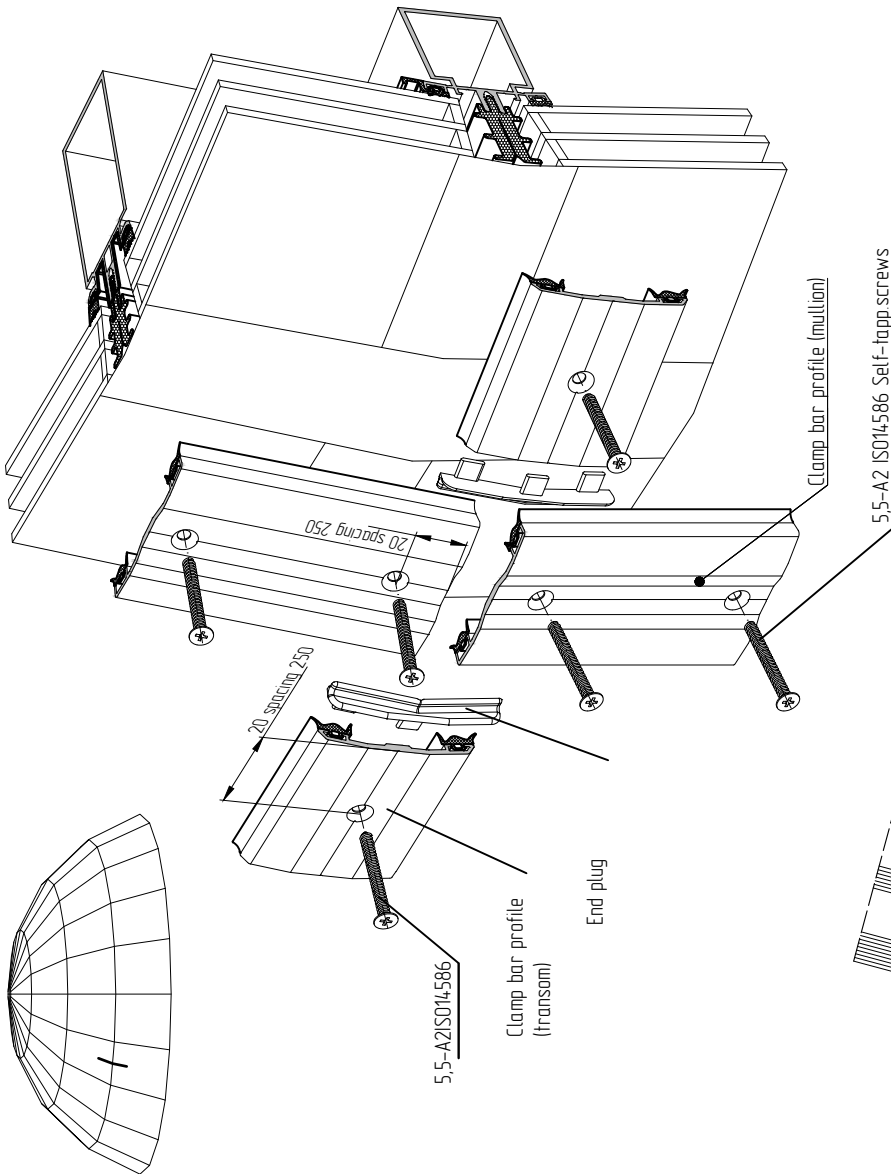
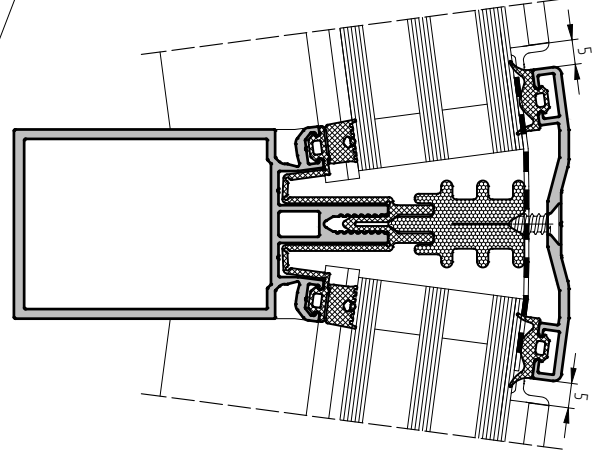
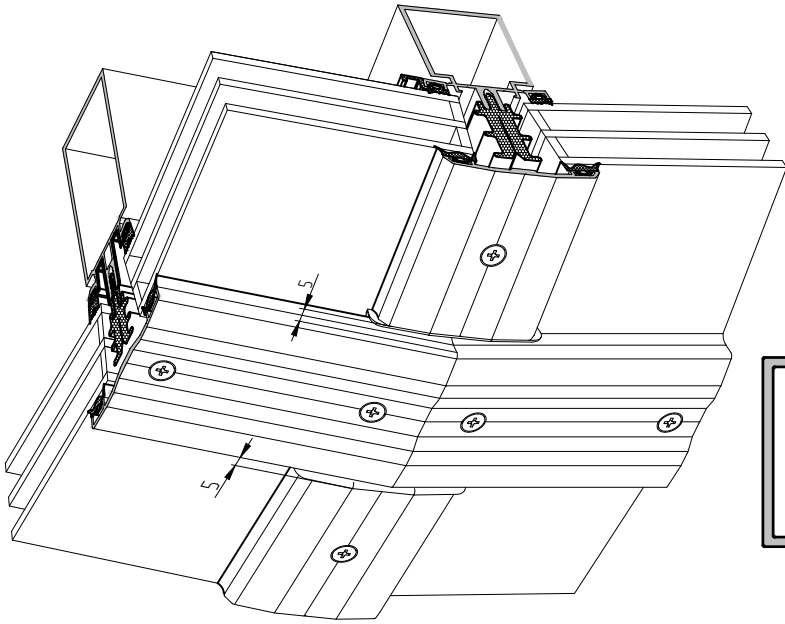


Reinforcing profile	Spacer insert	
	Side 1	Side 2
AYPC.F50.0302	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0303	AYPC.F50.0936	AYPC.F50.0936
AYPC.F50.0304	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0305	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0306	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0307	AYPC.F50.0936	AYPC.F50.0937
AYPC.F50.0308	AYPC.F50.0936	AYPC.F50.0936

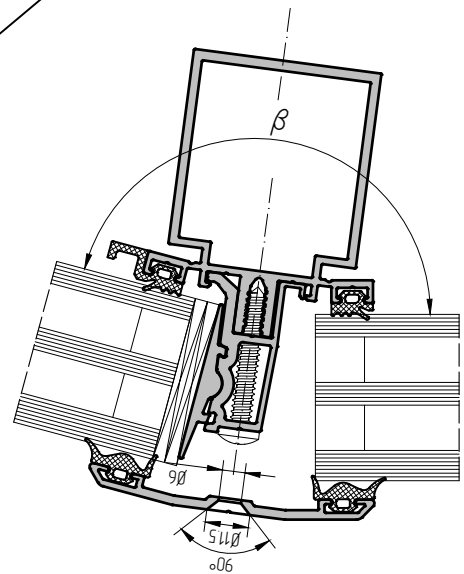


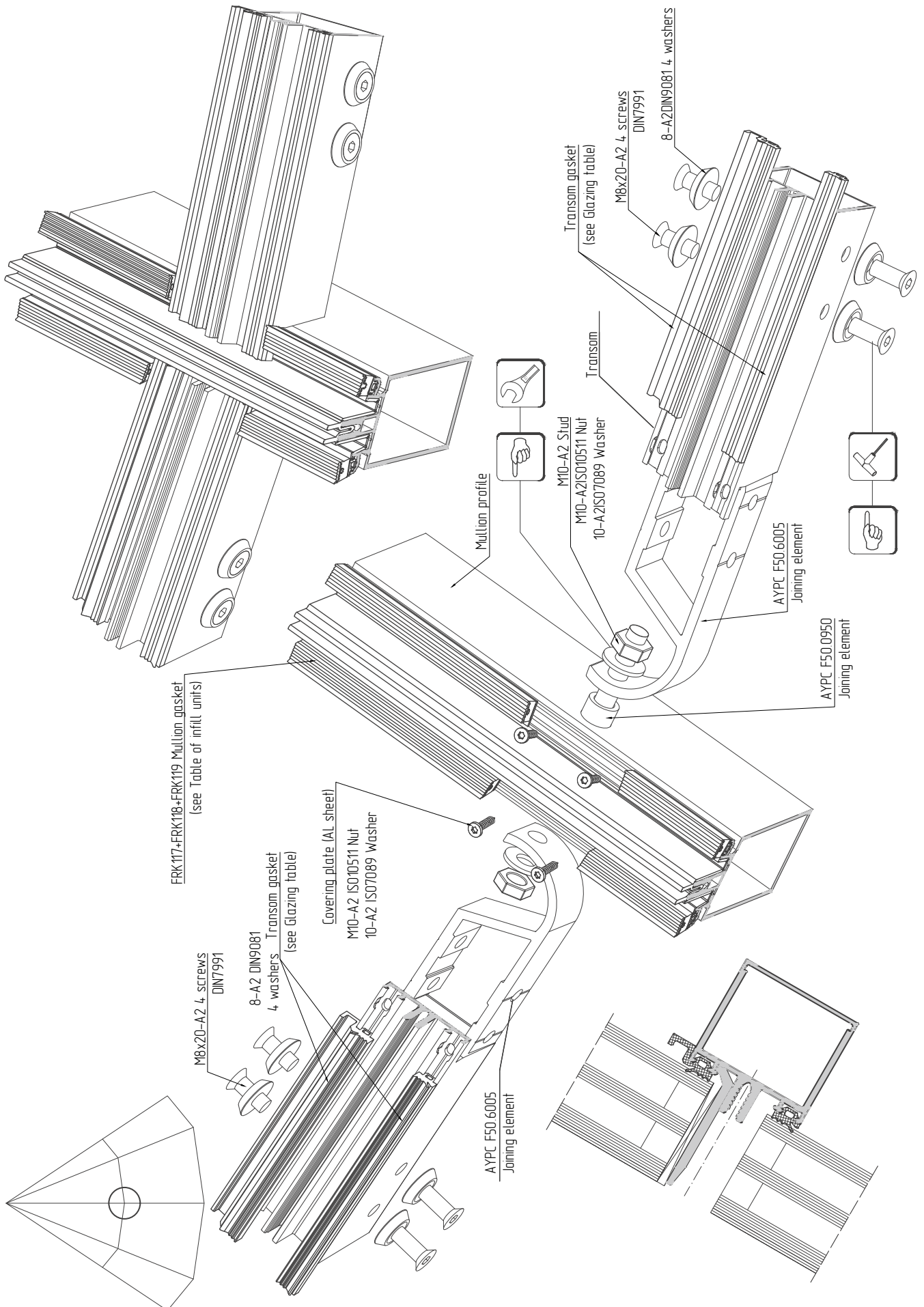


Infill unit thickness A, mm	Bearing support	DIN7981 Self-tapping screw	Corner α°	Bearing support (rotary)
34-38	AYPC.SKL50.0947	5,5x32	0-7.5	AYPC.SKL50.0948
40-44	AYPC.SKL50.0950	5,5x38	7.5-15	AYPC.SKL50.0949
46-50	AYPC.SKL50.0953	5,5x42	0-7.5	AYPC.SKL50.0951
52-56	AYPC.SKL50.0956	5,5x45	7.5-15	AYPC.SKL50.0952
			0-7.5	AYPC.SKL50.0954
			7.5-15	AYPC.SKL50.0955
			0-7.5	AYPC.SKL50.0957
			7.5-15	AYPC.SKL50.0958

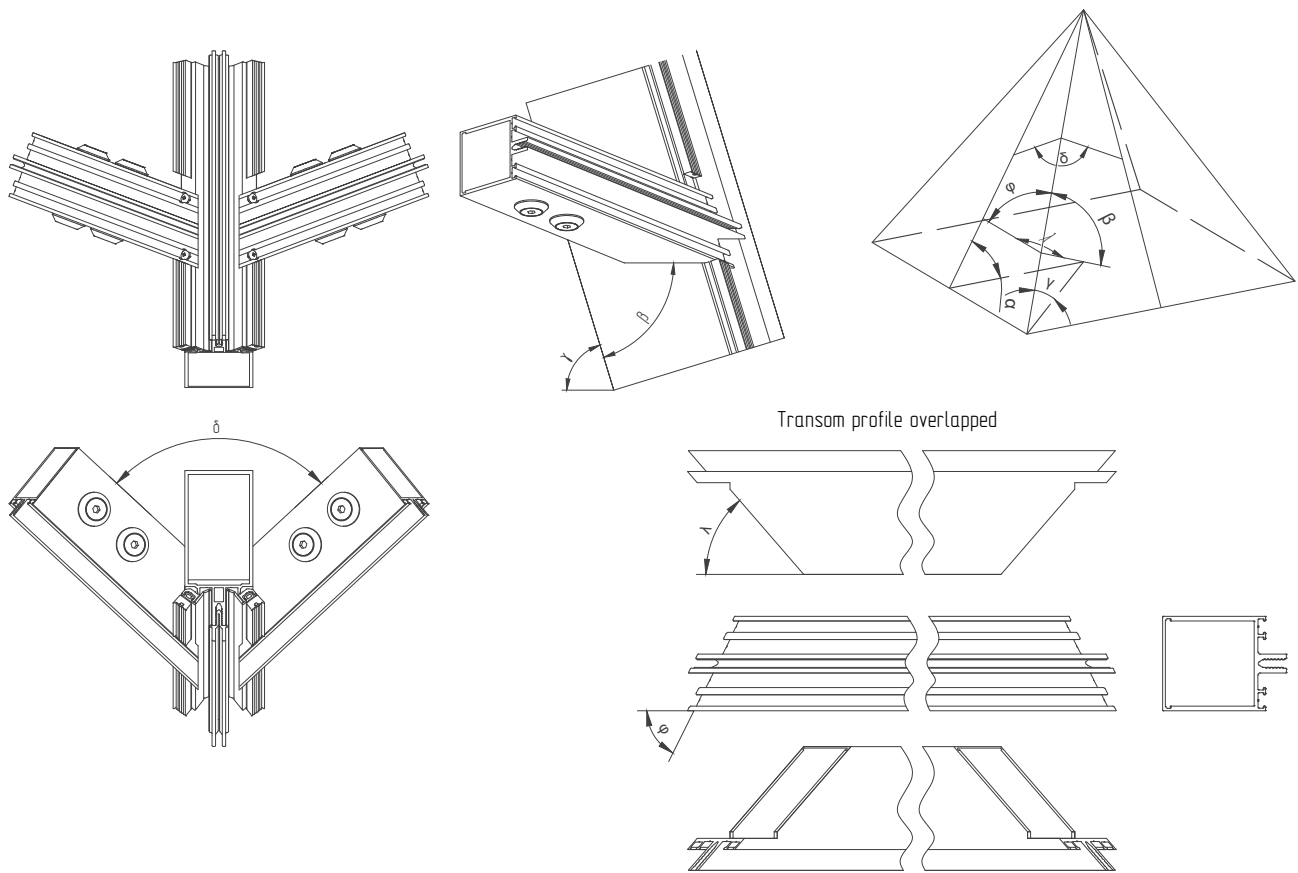


Corner β , °	Clamp bar profile (transom)	End plug
0-15	AYPC.SKL50.0607	AYPC.SKL50.0921
15-30	AYPC.SKL50.0608	AYPC.SKL50.0922

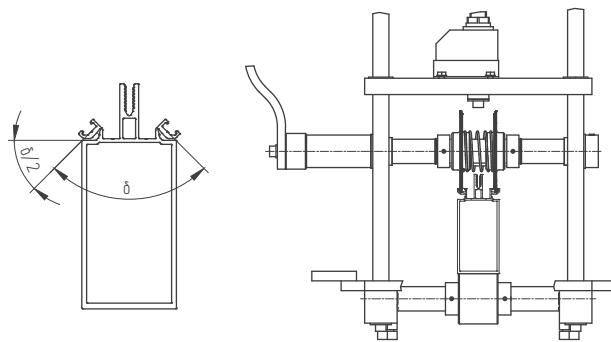




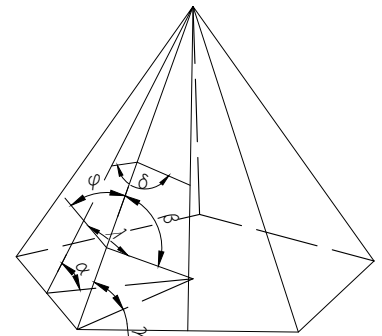
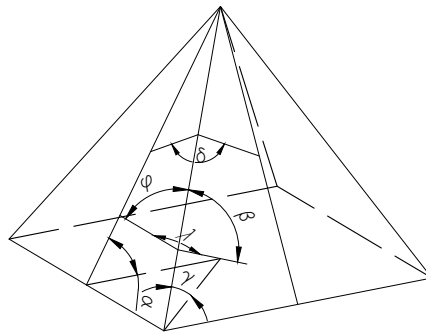
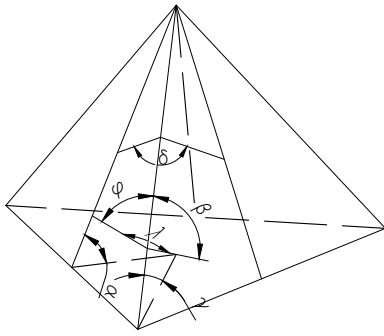
Calculation of pyramid corners



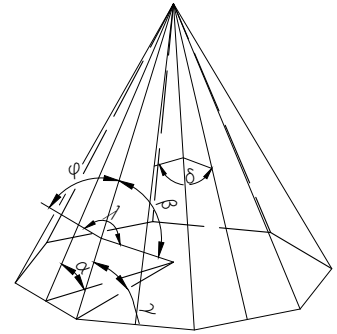
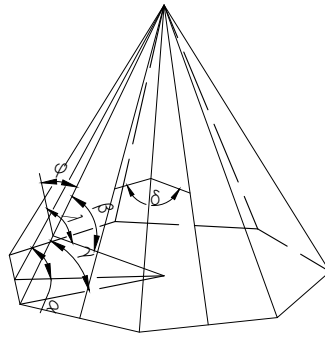
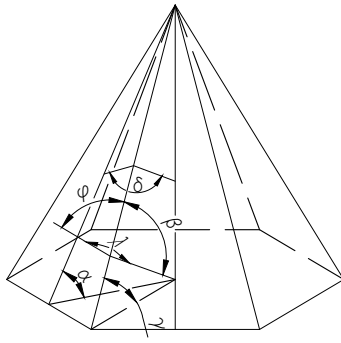
Bend the mullion profile flanges on BMSKL50 bending machine



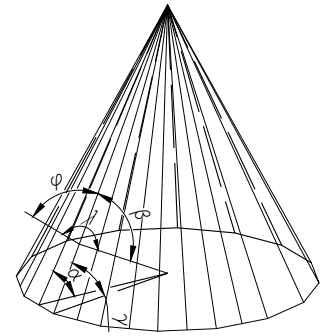
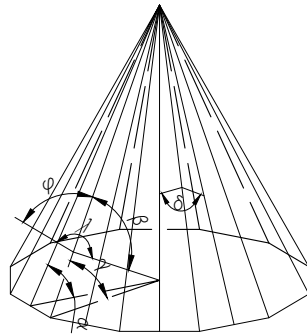
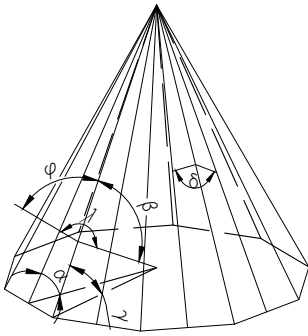
where n -is the number of pyramid edges



Number of pyramid edges, n=3						Number of pyramid edges, n=4						Number of pyramid edges, n=5					
α,°	β,°	γ,°	δ,°	φ,°	λ,°	α,°	β,°	γ,°	δ,°	φ,°	λ,°	α,°	β,°	γ,°	δ,°	φ,°	λ,°
10	75.61	5.04	162.70	30.38	73.26	10	83.11	7.11	165.89	45.44	80.15	10	85.82	8.12	168.28	54.42	82.81
11	74.31	5.55	160.98	30.46	71.71	11	82.46	7.83	164.49	45.53	79.20	11	85.43	8.94	167.12	54.50	82.11
12	73.04	6.07	159.25	30.55	70.20	12	81.82	8.55	163.09	45.63	78.25	12	85.04	9.76	165.96	54.60	81.41
13	71.80	6.58	157.53	30.65	68.71	13	81.19	9.27	161.69	45.74	77.32	13	84.65	10.58	164.80	54.70	80.72
14	70.60	7.11	155.81	30.75	67.27	14	80.58	10.00	160.30	45.86	76.40	14	84.28	11.40	163.65	54.82	80.03
15	69.44	7.63	154.09	30.87	65.85	15	79.98	10.73	158.91	45.99	75.49	15	83.91	12.23	162.50	54.94	79.35
16	68.33	8.16	152.38	30.99	64.48	16	79.39	11.46	157.52	46.13	74.59	16	83.54	13.06	161.35	55.07	78.68
17	67.25	8.69	150.67	31.12	63.14	17	78.82	12.20	156.14	46.28	73.70	17	83.19	13.89	160.21	55.21	78.01
18	66.21	9.23	148.96	31.26	61.84	18	78.26	12.94	154.76	46.44	72.83	18	82.85	14.73	159.07	55.36	77.35
19	65.22	9.77	147.25	31.41	60.58	19	77.72	13.68	153.38	46.60	71.97	19	82.51	15.57	157.94	55.51	76.69
20	64.26	10.31	145.54	31.57	59.36	20	77.20	14.43	152.01	46.78	71.12	20	82.18	16.41	156.81	55.68	76.05
21	63.35	10.86	143.84	31.73	58.17	21	76.69	15.19	150.64	46.97	70.28	21	81.87	17.25	155.68	55.85	75.41
22	62.48	11.42	142.14	31.91	57.02	22	76.20	15.94	149.28	47.16	69.46	22	81.56	18.10	154.56	56.03	74.77
23	61.65	11.98	140.44	32.10	55.91	23	75.73	16.71	147.92	47.37	68.66	23	81.27	18.95	153.45	56.23	74.15
24	60.87	12.55	138.75	32.29	54.84	24	75.28	17.48	146.57	47.59	67.87	24	80.98	19.81	152.34	56.43	73.54
25	60.12	13.12	137.06	32.50	53.80	25	74.85	18.25	145.22	47.81	67.09	25	80.71	20.67	151.23	56.64	72.93
26	59.42	13.71	135.38	32.72	52.79	26	74.43	19.03	143.88	48.05	66.33	26	80.45	21.53	150.14	56.85	72.33
27	58.75	14.29	133.70	32.94	51.82	27	74.04	19.81	142.55	48.30	65.58	27	80.20	22.40	149.05	57.08	71.75
28	58.13	14.89	132.02	33.18	50.88	28	73.66	20.61	141.22	48.56	64.85	28	79.96	23.28	147.96	57.32	71.17
29	57.54	15.49	130.35	33.43	49.98	29	73.31	21.40	139.90	48.83	64.14	29	79.74	24.15	146.89	57.57	70.60
30	57.00	16.10	128.68	33.69	49.11	30	72.98	22.21	138.59	49.11	63.43	30	79.52	25.04	145.82	57.82	70.04
31	56.49	16.72	127.02	33.96	48.26	31	72.66	23.02	137.28	49.40	62.75	31	79.32	25.92	144.76	58.09	69.48
32	56.02	17.35	125.36	34.25	47.45	32	72.37	23.84	135.99	49.70	62.08	32	79.14	26.82	143.70	58.36	68.94
33	55.58	17.99	123.71	34.54	46.67	33	72.10	24.66	134.70	50.01	61.43	33	78.96	27.72	142.66	58.64	68.41
34	55.19	18.64	122.07	34.85	45.92	34	71.85	25.50	133.42	50.34	60.79	34	78.80	28.62	141.62	58.94	67.89
35	54.82	19.30	120.43	35.18	45.19	35	71.62	26.34	132.15	50.68	60.16	35	78.65	29.53	140.59	59.24	67.38
36	54.50	19.96	118.80	35.51	44.49	36	71.41	27.19	130.88	51.03	59.55	36	78.52	30.45	139.58	59.55	66.88
37	54.21	20.65	117.18	35.86	43.81	37	71.23	28.05	129.63	51.39	58.96	37	78.40	31.37	138.57	59.88	66.38
38	53.96	21.34	115.56	36.23	43.16	38	71.07	28.92	128.39	51.76	58.38	38	78.29	32.30	137.57	60.21	65.90
39	53.74	22.04	113.95	36.61	42.53	39	70.92	29.80	127.15	52.15	57.82	39	78.20	33.23	136.58	60.55	65.43
40	53.55	22.76	112.35	37.00	41.93	40	70.80	30.68	125.93	52.55	57.27	40	78.12	34.17	135.60	60.90	64.97
41	53.40	23.49	110.76	37.42	41.35	41	70.70	31.58	124.72	52.96	56.73	41	78.06	35.12	134.64	61.26	64.51
42	53.28	24.24	109.17	37.84	40.79	42	70.63	32.48	123.52	53.38	56.21	42	78.01	36.07	133.68	61.63	64.07
43	53.20	25.00	107.60	38.29	40.25	43	70.57	33.40	122.34	53.82	55.71	43	77.98	37.03	132.74	62.02	63.64
44	53.15	25.77	106.03	38.75	39.73	44	70.54	34.33	121.16	54.27	55.21	44	77.95	38.00	131.80	62.41	63.22
45	53.13	26.57	104.48	39.23	39.23	45	70.53	35.26	120.00	54.74	54.74	45	77.95	38.97	130.88	62.81	62.81
46	53.15	27.37	102.93	39.73	38.75	46	70.54	36.21	118.85	55.21	54.27	46	77.95	39.95	129.97	63.22	62.41
47	53.20	28.20	101.40	40.25	38.29	47	70.57	37.17	117.72	55.71	53.82	47	77.98	40.94	129.08	63.64	62.02
48	53.28	29.04	99.88	40.79	37.84	48	70.63	38.14	116.60	56.21	53.38	48	78.01	41.94	128.20	64.07	61.63
49	53.40	29.91	98.37	41.35	37.42	49	70.70	39.13	115.49	56.73	52.96	49	78.06	42.94	127.33	64.51	61.26
50	53.55	30.79	96.88	41.93	37.00	50	70.80	40.12	114.40	57.27	52.55	50	78.12	43.95	126.48	64.97	60.90
51	53.74	31.69	95.40	42.53	36.61	51	70.92	41.13	113.33	57.82	52.15	51	78.20	44.97	125.64	65.43	60.55
52	53.96	32.62	93.93	43.16	36.23	52	71.07	42.15	112.27	58.38	51.76	52	78.29	46.00	124.81	65.90	60.21
53	54.21	33.57	92.48	43.81	35.86	53	71.23	43.18	111.23	58.96	51.39	53	78.40	47.03	124.01	66.38	59.88
54	54.50	34.54	91.04	44.49	35.51	54	71.41	44.22	110.21	59.55	51.03	54	78.52	48.07	123.21	66.88	59.55
55	54.82	35.53	89.63	45.19	35.18	55	71.62	45.28	109.21	60.16	50.68	55	78.65	49.12	122.44	67.38	59.24
56	55.19	36.55	88.23	45.92	34.85	56	71.85	46.35	108.22	60.79	50.34	56	78.80	50.18	121.67	67.89	58.94
57	55.58	37.59	86.84	46.67	34.54	57	72.10	47.44	107.26	61.43	50.01	57	78.96	51.25	120.93	68.41	58.64
58	56.02	38.67	85.48	47.45	34.25	58	72.37	48.53	106.31	62.08	49.70	58	79.14	52.32	120.20	68.94	58.36
59	56.49	39.77	84.14	48.26	33.96	59	72.66	49.64	105.38	62.75	49.40	59	79.32	53.40	119.49	69.48	58.09
60	57.00	40.89	82.82	49.11	33.69	60	72.98	50.77	104.48	63.43	49.11	60	79.52	54.49	118.80	70.04	57.82



Number of pyramid edges, n=6						Number of pyramid edges, n=7						Number of pyramid edges, n=8					
α	β	γ	δ	φ	λ	α	β	γ	δ	φ	λ	α	β	γ	δ	φ	λ
10	87.17	8.68	170.04	60.38	84.27	10	87.95	9.03	171.36	64.63	85.22	10	88.45	9.25	172.38	67.81	85.89
11	86.91	9.56	169.05	60.46	83.71	11	87.76	9.93	170.50	64.70	84.75	11	88.30	10.18	171.63	67.87	85.48
12	86.64	10.43	168.07	60.55	83.16	12	87.57	10.84	169.65	64.78	84.28	12	88.15	11.11	170.87	67.94	85.08
13	86.38	11.31	167.08	60.64	82.60	13	87.38	11.75	168.80	64.86	83.82	13	88.01	12.04	170.12	68.02	84.68
14	86.12	12.18	166.10	60.74	82.05	14	87.19	12.66	167.95	64.95	83.35	14	87.87	12.97	169.38	68.10	84.28
15	85.87	13.06	165.13	60.85	81.50	15	87.01	13.57	167.10	65.05	82.90	15	87.73	13.90	168.63	68.19	83.88
16	85.63	13.95	164.16	60.97	80.96	16	86.83	14.49	166.26	65.16	82.44	16	87.60	14.84	167.89	68.29	83.49
17	85.39	14.83	163.19	61.10	80.42	17	86.66	15.40	165.42	65.27	81.99	17	87.46	15.77	167.15	68.39	83.09
18	85.15	15.72	162.22	61.23	79.88	18	86.49	16.32	164.59	65.39	81.54	18	87.33	16.71	166.42	68.50	82.71
19	84.92	16.60	161.26	61.37	79.35	19	86.32	17.24	163.76	65.52	81.09	19	87.21	17.65	165.69	68.61	82.32
20	84.70	17.50	160.31	61.52	78.83	20	86.16	18.16	162.93	65.65	80.65	20	87.08	18.59	164.96	68.73	81.94
21	84.48	18.39	159.36	61.68	78.31	21	86.00	19.08	162.11	65.79	80.21	21	86.96	19.53	164.24	68.86	81.56
22	84.27	19.28	158.41	61.84	77.80	22	85.85	20.00	161.29	65.94	79.77	22	86.85	20.47	163.52	68.99	81.18
23	84.07	20.18	157.47	62.01	77.29	23	85.70	20.93	160.48	66.09	79.34	23	86.74	21.41	162.80	69.13	80.81
24	83.88	21.09	156.53	62.19	76.78	24	85.56	21.86	159.67	66.25	78.92	24	86.63	22.36	162.09	69.27	80.44
25	83.69	21.99	155.60	62.38	76.29	25	85.42	22.79	158.87	66.42	78.50	25	86.53	23.31	161.39	69.42	80.07
26	83.51	22.90	154.68	62.57	75.80	26	85.29	23.72	158.07	66.60	78.08	26	86.43	24.26	160.69	69.58	79.71
27	83.34	23.81	153.76	62.78	75.31	27	85.17	24.66	157.28	66.78	77.67	27	86.33	25.21	159.99	69.74	79.35
28	83.18	24.72	152.85	62.99	74.83	28	85.05	25.60	156.49	66.96	77.26	28	86.24	26.16	159.30	69.91	79.00
29	83.02	25.64	151.94	63.21	74.36	29	84.94	26.54	155.71	67.16	76.86	29	86.15	27.12	158.62	70.09	78.65
30	82.87	26.57	151.04	63.43	73.90	30	84.83	27.48	154.94	67.36	76.46	30	86.07	28.08	157.94	70.27	78.30
31	82.74	27.49	150.15	63.67	73.44	31	84.73	28.43	154.17	67.57	76.07	31	86.00	29.04	157.27	70.45	77.96
32	82.61	28.42	149.27	63.91	72.99	32	84.64	29.38	153.41	67.78	75.68	32	85.93	30.00	156.60	70.65	77.62
33	82.49	29.35	148.40	64.16	72.54	33	84.55	30.33	152.66	68.01	75.30	33	85.86	30.96	155.94	70.84	77.29
34	82.38	30.29	147.53	64.42	72.11	34	84.47	31.29	151.92	68.24	74.93	34	85.80	31.93	155.29	71.05	76.96
35	82.28	31.23	146.67	64.69	71.68	35	84.39	32.25	151.18	68.47	74.56	35	85.74	32.90	154.64	71.26	76.64
36	82.18	32.18	145.82	64.96	71.25	36	84.33	33.21	150.45	68.71	74.20	36	85.69	33.87	154.00	71.47	76.32
37	82.10	33.13	144.98	65.25	70.84	37	84.27	34.17	149.73	68.96	73.84	37	85.64	34.85	153.37	71.70	76.00
38	82.03	34.08	144.14	65.54	70.43	38	84.21	35.14	149.01	69.22	73.49	38	85.60	35.82	152.75	71.92	75.69
39	81.96	35.04	143.32	65.83	70.03	39	84.17	36.11	148.31	69.48	73.14	39	85.57	36.80	152.13	72.16	75.39
40	81.91	36.01	142.51	66.14	69.64	40	84.13	37.09	147.61	69.75	72.80	40	85.54	37.78	151.52	72.40	75.09
41	81.87	36.97	141.70	66.46	69.25	41	84.09	38.07	146.92	70.03	72.47	41	85.51	38.77	150.92	72.64	74.80
42	81.83	37.95	140.91	66.78	68.88	42	84.07	39.05	146.25	70.31	72.14	42	85.49	39.76	150.33	72.89	74.51
43	81.81	38.92	140.12	67.11	68.51	43	84.05	40.04	145.58	70.60	71.82	43	85.48	40.75	149.74	73.15	74.23
44	81.79	39.91	139.35	67.45	68.15	44	84.04	41.03	144.92	70.89	71.50	44	85.47	41.74	149.17	73.41	73.95
45	81.79	40.89	138.59	67.79	67.79	45	84.04	42.02	144.27	71.20	71.20	45	85.47	42.73	148.60	73.68	73.68
46	81.79	41.89	137.84	68.15	67.45	46	84.04	43.01	143.63	71.50	70.89	46	85.47	43.73	148.04	73.95	73.41
47	81.81	42.88	137.10	68.51	67.11	47	84.05	44.01	143.00	71.82	70.60	47	85.48	44.73	147.49	74.23	73.15
48	81.83	43.89	136.37	68.88	66.78	48	84.07	45.02	142.38	72.14	70.31	48	85.49	45.74	146.96	74.51	72.89
49	81.87	44.89	135.66	69.25	66.46	49	84.09	46.03	141.77	72.47	70.03	49	85.51	46.74	146.43	74.80	72.64
50	81.91	45.90	134.96	69.64	66.14	50	84.13	47.04	141.17	72.80	69.75	50	85.54	47.75	145.91	75.09	72.40
51	81.96	46.92	134.27	70.03	65.83	51	84.17	48.05	140.59	73.14	69.48	51	85.57	48.77	145.40	75.39	72.16
52	82.03	47.94	133.59	70.43	65.54	52	84.21	49.07	140.01	73.49	69.22	52	85.60	49.78	144.90	75.69	71.92
53	82.10	48.97	132.93	70.84	65.25	53	84.27	50.09	139.45	73.84	68.96	53	85.64	50.80	144.41	76.00	71.70
54	82.18	50.01	132.28	71.25	64.96	54	84.33	51.12	138.90	74.20	68.71	54	85.69	51.82	143.93	76.32	71.47
55	82.28	51.04	131.64	71.68	64.69	55	84.39	52.15	138.36	74.56	68.47	55	85.74	52.84	143.46	76.64	71.26
56	82.38	52.09	131.02	72.11	64.42	56	84.47	53.18	137.84	74.93	68.24	56	85.80	53.87	143.01	76.96	71.05
57	82.49	53.13	130.41	72.54	64.16	57	84.55	54.22	137.32	75.30	68.01	57	85.86	54.90	142.56	77.29	70.84
58	82.61	54.19	129.82	72.99	63.91	58	84.64	55.26	136.82	75.68	67.78	58	85.93	55.93	142.13	77.62	70.65
59	82.74	55.25	129.24	73.44	63.67	59	84.73	56.30	136.33	76.07	67.57	59	86.00	56.96	141.70	77.96	70.45
60	82.87	56.31	128.68	73.90	63.43	60	84.83	57.35	135.86	76.46	67.36	60	86.07	58.00	141.29	78.30	70.27



Number of pyramid edges, n=10						Number of pyramid edges, n=12						Number of pyramid edges, n=16					
α,°	β,°	γ,°	δ,°	ϕ,°	λ,°	α,°	β,°	γ,°	δ,°	ϕ,°	λ,°	α,°	β,°	γ,°	δ,°	ϕ,°	λ,°
10	89.02	9.52	173.85	72.26	86.77	10	89.32	9.67	174.85	75.22	87.34	10	89.62	9.81	176.12	78.92	88.02
11	88.92	10.47	173.24	72.31	86.45	11	89.26	10.63	174.34	75.26	87.07	11	89.58	10.79	175.73	78.95	87.83
12	88.83	11.43	172.63	72.37	86.14	12	89.19	11.60	173.83	75.31	86.81	12	89.55	11.78	175.35	78.99	87.63
13	88.74	12.38	172.03	72.43	85.82	13	89.13	12.57	173.32	75.37	86.55	13	89.51	12.76	174.97	79.03	87.44
14	88.65	13.34	171.43	72.50	85.51	14	89.07	13.54	172.82	75.43	86.29	14	89.48	13.74	174.59	79.08	87.24
15	88.56	14.30	170.83	72.58	85.19	15	89.01	14.51	172.32	75.49	86.03	15	89.44	14.72	174.21	79.12	87.05
16	88.48	15.25	170.23	72.65	84.88	16	88.95	15.48	171.82	75.56	85.78	16	89.41	15.71	173.83	79.18	86.86
17	88.39	16.21	169.63	72.74	84.57	17	88.89	16.45	171.32	75.63	85.52	17	89.38	16.69	173.46	79.23	86.67
18	88.31	17.17	169.04	72.83	84.27	18	88.83	17.42	170.83	75.70	85.27	18	89.35	17.68	173.09	79.29	86.48
19	88.23	18.13	168.45	72.92	83.96	19	88.78	18.40	170.33	75.78	85.01	19	89.32	18.66	172.72	79.35	86.29
20	88.15	19.09	167.87	73.02	83.66	20	88.72	19.37	169.84	75.87	84.76	20	89.29	19.65	172.35	79.41	86.11
21	88.08	20.06	167.28	73.13	83.36	21	88.67	20.34	169.36	75.96	84.52	21	89.26	20.63	171.98	79.48	85.92
22	88.00	21.02	166.71	73.23	83.06	22	88.62	21.32	168.87	76.05	84.27	22	89.23	21.62	171.62	79.55	85.74
23	87.93	21.98	166.13	73.35	82.76	23	88.57	22.29	168.39	76.14	84.02	23	89.20	22.60	171.26	79.62	85.56
24	87.86	22.95	165.56	73.47	82.47	24	88.52	23.27	167.91	76.25	83.78	24	89.17	23.59	170.90	79.70	85.37
25	87.80	23.92	164.99	73.59	82.18	25	88.48	24.25	167.44	76.35	83.54	25	89.15	24.58	170.54	79.78	85.19
26	87.73	24.88	164.43	73.72	81.89	26	88.43	25.23	166.97	76.46	83.30	26	89.12	25.56	170.19	79.86	85.02
27	87.67	25.85	163.87	73.85	81.61	27	88.39	26.20	166.50	76.57	83.06	27	89.10	26.55	169.84	79.95	84.84
28	87.62	26.83	163.32	73.99	81.33	28	88.35	27.18	166.04	76.69	82.83	28	89.08	27.54	169.49	80.04	84.66
29	87.56	27.80	162.77	74.14	81.05	29	88.32	28.17	165.58	76.81	82.60	29	89.06	28.53	169.15	80.13	84.49
30	87.51	28.77	162.22	74.28	80.77	30	88.28	29.15	165.13	76.94	82.37	30	89.04	29.52	168.80	80.23	84.32
31	87.46	29.75	161.68	74.44	80.50	31	88.25	30.13	164.68	77.06	82.14	31	89.02	30.51	168.47	80.32	84.15
32	87.42	30.72	161.15	74.59	80.23	32	88.21	31.11	164.23	77.20	81.92	32	89.00	31.50	168.13	80.43	83.98
33	87.37	31.70	160.62	74.76	79.96	33	88.19	32.10	163.79	77.33	81.70	33	88.98	32.49	167.80	80.53	83.82
34	87.33	32.68	160.10	74.92	79.70	34	88.16	33.09	163.36	77.48	81.48	34	88.97	33.49	167.47	80.64	83.65
35	87.30	33.66	159.58	75.10	79.44	35	88.13	34.07	162.93	77.62	81.26	35	88.96	34.48	167.15	80.75	83.49
36	87.27	34.64	159.07	75.27	79.19	36	88.11	35.06	162.50	77.77	81.05	36	88.94	35.47	166.83	80.86	83.33
37	87.24	35.63	158.56	75.45	78.94	37	88.09	36.05	162.08	77.92	80.84	37	88.93	36.47	166.51	80.97	83.17
38	87.21	36.61	158.07	75.64	78.69	38	88.07	37.04	161.66	78.08	80.63	38	88.92	37.46	166.20	81.09	83.02
39	87.19	37.60	157.57	75.83	78.44	39	88.06	38.03	161.25	78.24	80.43	39	88.91	38.46	165.90	81.21	82.86
40	87.17	38.59	157.09	76.02	78.20	40	88.04	39.03	160.85	78.40	80.23	40	88.91	39.45	165.59	81.34	82.71
41	87.15	39.58	156.61	76.22	77.97	41	88.03	40.02	160.45	78.57	80.03	41	88.90	40.45	165.29	81.46	82.57
42	87.14	40.57	156.13	76.43	77.73	42	88.02	41.01	160.05	78.74	79.84	42	88.89	41.45	165.00	81.59	82.42
43	87.13	41.57	155.67	76.63	77.51	43	88.02	42.01	159.67	78.91	79.64	43	88.89	42.45	164.71	81.72	82.27
44	87.13	42.57	155.21	76.84	77.28	44	88.02	43.01	159.28	79.09	79.46	44	88.89	43.44	164.42	81.86	82.13
45	87.13	43.56	154.76	77.06	77.06	45	88.01	44.01	158.91	79.27	79.27	45	88.89	44.44	164.14	81.99	81.99
46	87.13	44.56	154.31	77.28	76.84	46	88.02	45.01	158.54	79.46	79.09	46	88.89	45.44	163.87	82.13	81.86
47	87.13	45.56	153.88	77.51	76.63	47	88.02	46.01	158.18	79.64	78.91	47	88.89	46.45	163.59	82.27	81.72
48	87.14	46.57	153.45	77.73	76.43	48	88.02	47.01	157.82	79.84	78.74	48	88.89	47.45	163.33	82.42	81.59
49	87.15	47.57	153.03	77.97	76.22	49	88.03	48.01	157.47	80.03	78.57	49	88.90	48.45	163.07	82.57	81.46
50	87.17	48.58	152.61	78.20	76.02	50	88.04	49.02	157.13	80.23	78.40	50	88.91	49.45	162.81	82.71	81.34
51	87.19	49.59	152.21	78.44	75.83	51	88.06	50.03	156.79	80.43	78.24	51	88.91	50.46	162.56	82.86	81.21
52	87.21	50.60	151.81	78.69	75.64	52	88.07	51.03	156.46	80.63	78.08	52	88.92	51.46	162.31	83.02	81.09
53	87.24	51.61	151.42	78.94	75.45	53	88.09	52.04	156.14	80.84	77.92	53	88.93	52.46	162.07	83.17	80.97
54	87.27	52.62	151.04	79.19	75.27	54	88.11	53.05	155.83	81.05	77.77	54	88.94	53.47	161.84	83.33	80.86
55	87.30	53.64	150.67	79.44	75.10	55	88.13	54.06	155.52	81.26	77.62	55	88.96	54.48	161.61	83.49	80.75
56	87.33	54.65	150.31	79.70	74.92	56	88.16	55.07	155.22	81.48	77.48	56	88.97	55.48	161.38	83.65	80.64
57	87.37	55.67	149.96	79.96	74.76	57	88.19	56.09	154.93	81.70	77.33	57	88.98	56.49	161.17	83.82	80.53
58	87.42	56.69	149.62	80.23	74.59	58	88.21	57.10	154.64	81.92	77.20	58	89.00	57.50	160.95	83.98	80.43
59	87.46	57.72	149.28	80.50	74.44	59	88.25	58.12	154.36	82.14	77.06	59	89.02	58.51	160.75	84.15	80.32
60	87.51	58.74	148.96	80.77	74.28	60	88.28	59.13	154.09	82.37	76.94	60	89.04	59.52	160.55	84.32	80.23