

ALUTECH

Technical catalogue

PATIO SYSTEMS

| ALT SL130

ALUTECH
GROUP OF COMPANIES





ALUTECH SL130

Patio systems

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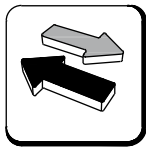
Pictograms



Attention



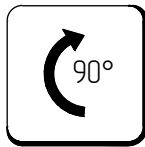
Technical information



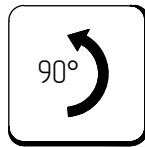
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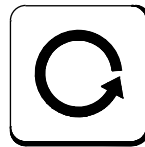
See page



Turn



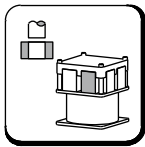
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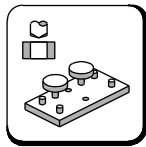
Turned view



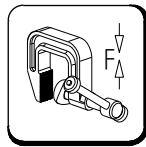
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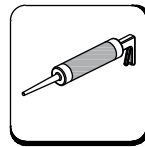
Pneumatic punching machine



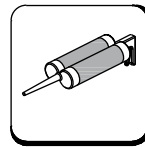
Jig



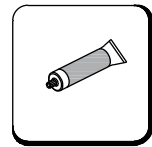
Tighten



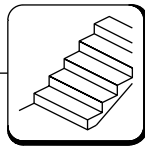
Silicone sealant



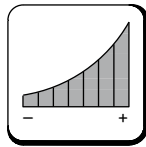
2-component polyurethane glue



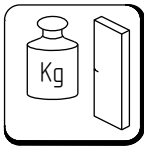
Glue for EPDM



Step-by-step



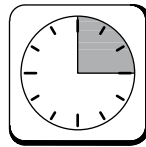
Performance improvement



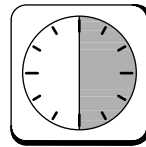
Sash weight



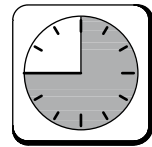
Hold time



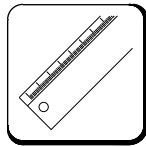
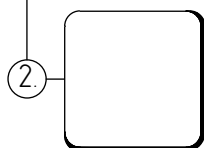
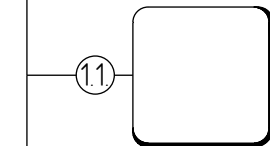
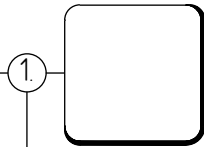
Hold 15 min



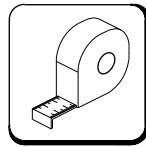
Hold 30 min



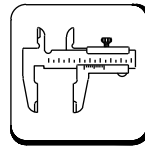
Hold 45 min



Measure



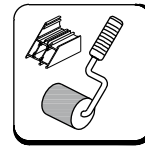
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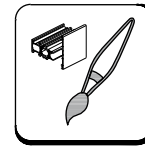
Measure



Clean the surface



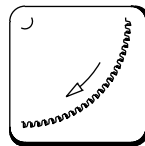
Apply glue



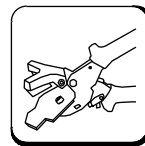
Apply sealant



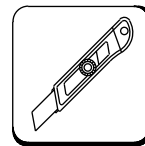
Mark out



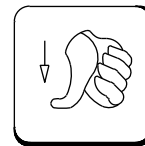
Cut



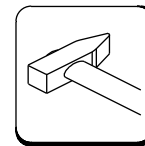
Nip



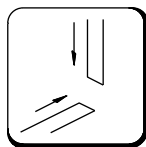
Cut with knife



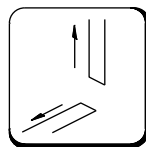
Push on



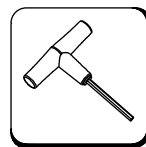
Strike



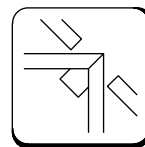
Joint



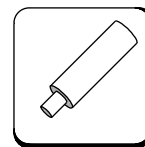
Detach



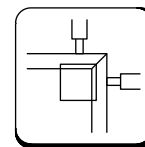
Use a key



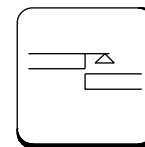
Clamping



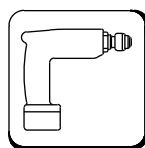
Drift pin



Crimping



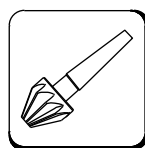
Flatness



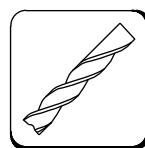
Screw in



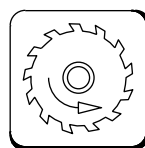
Drill



Countersink



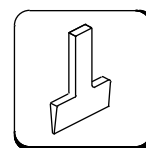
Mill



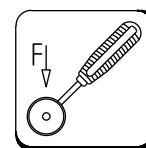
Mill



Remove

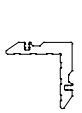


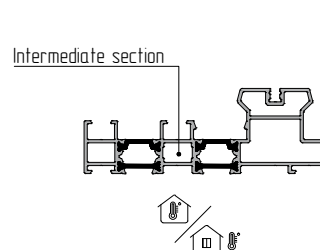
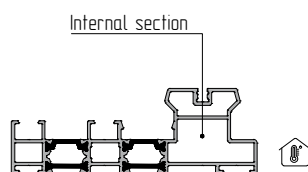
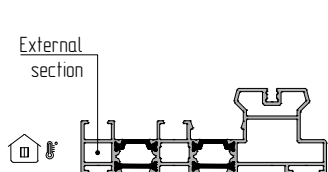
Use trowel



Roller for gasket installation

How to use the catalogue

Joint type		External section		Article		Package quantity – 140 pcs
Internal section				AYPC.SL130.0952	14	Intermediate section
						
				AYPC.W50.0929-01	80	
90° angle joint				5x10 DIN63250	100	Joint can be created
				* AYPC.SL130.0943, AYPC.SL130.0944, AYPC.SL130.0945	4 4 4	Joint can not be created
						
						
						
90° transom bar joint						
						
						
90° angle joint						
						
						
Horizontal extension				AYPC.SL130.0953, AYPC.SL130.0954	2 2	
Joint						





Aluminium profiles

Aluminium profiles are made in compliance with EN 1202-2, EN 755-1, EN 755-2, EN 573:3, EN 486:2009 using 6060 and 6063 alloys of T6 or T66 temper. The alloys are corrosion resistant and are suitable for manufacture of profiles with high accuracy.

Polyamide thermal breaks

The combined profiles have thermal bridges made of glass-filled polyamide produced by the leading manufacturers. Excellent strength characteristics are provided by modern technology of joining the dissimilar materials.

Gaskets

EPDM gaskets are used to seal the infill area and central area to provide condensed water removal and sealing of leaf-to-leaf and leaf-to-frame joints.

Fixing elements

Fasteners used to connect profiles, components and accessories must be made of stainless steel.

Steel rods

The bearing rods take up the load from the weight of the door leaves and are also exposed to weather conditions. Therefore, they are made of stainless steel according to DIN EN 10305 part 3/5, DIN EN 10162 and EN 10021 for cold-rolled profiles made of steel.

Powder coating

Various types of coatings protect profiles from corrosion:

- protective and decorative powder coating of minimum 60 µm in thickness, Qualicoat/Seaside certified, available in any RAL colour;
- wood grain effect coating – decorative powder coating of the aluminium profile using special equipment. Qualicoat/Seaside certified. 5 wood grain effect colours are available.

Anodizing

Anodizing is available in 9 standard colours. Several surface treatment options are available: chemical etching, shot blasting and brushing. Anodizing is certified by Qualanod quality standard.



ALUTECH SL130
Patio systems

SYSTEM DESCRIPTION

01

02

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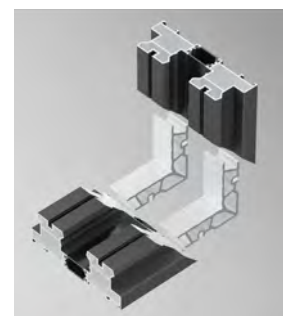
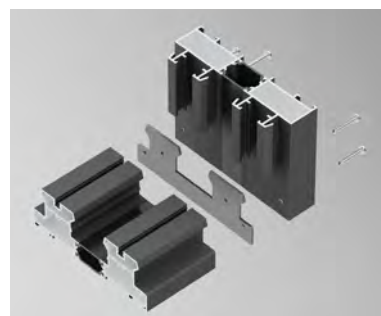
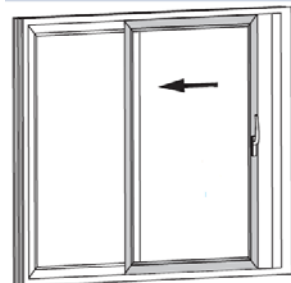
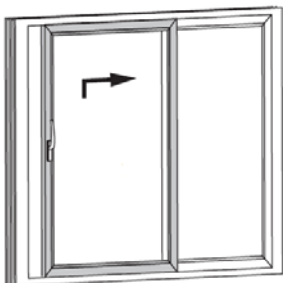
ALT SL130 system is an exclusive solution for both private houses and public facilities designed to arrange cafe or restaurant terraces or hotel balconies. In the opened position the door leaves provide an easy access to the premises as well as help to save the usable room space.



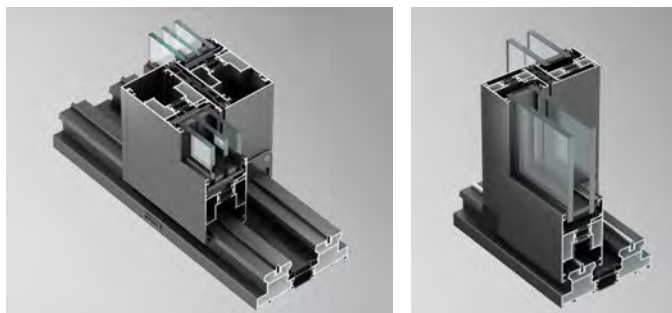
The variety of opening options is provided by the assortment of frame profiles and required kits of ledge components.

Depending on the region and operational requirements as well as client's preferences, SL130 system has two opening options: lift & slide and sliding. Lift & slide option is suitable for houses and premises that are used all year round where absence of draughts and high structural tightness are essential. The sliding option is more simple solution for the premises with no strict requirements. Both of the two available hardware options are supplied by the leading European manufacturers and ensure smooth operation of the door leaves as well as their reliability and long service life.

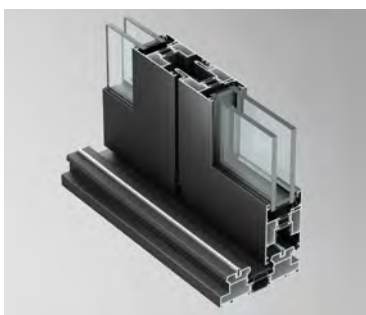
Taking into account the variety of projects' design and preferences of customers from different regions, we have implemented several SL130 assembly options: frame profiles may be cut at 90° or 45°. The first option ensures easy assembly and installation of large patio doors in multi-storey buildings. The option of 45° has its advantages for the in-house assembly.



SL130 system is available in classic design with standard leaves as well as in Slim Line design – slim interlock option. Modern patio system solution with available profile options allows to enlarge the transparent area of the door preserving its high inertia characteristics.



Adjustable coupling profile connection along the door length is a unique feature of SL130. Due to this, the final adjustment of the door leaves while installation may be performed on site. This solution is essential for wide door leaves or patios with many leaves.



Polyamide 32 mm wide thermal breaks are used in main system profiles and provide high energy efficiency of the door.

ALT SL130 system is designed for installation of energy efficient double- and triple-glazed units. Maximum thickness of the infill unit is up to 42 mm. Glass beads are always installed from the inside of the premises.

Excellent resistance of SL130 lift & slide doors to weather conditions is ensured by combination of the ledge gaskets and connecting corners that together form two closed sealing contours along the leaf as well as by a full kit of coupling details provided in ledge kits.

EPDM gaskets resistant to weather impact are used to provide maximum insulation for the infill unit installation area.

ALT SL130 system is designed in three opening types: single, double and triple track. Depending on the opening type chosen, the patio can consist of up to four door leaves.

Maximum door leaf height and width depend on the applied loads, number of storeys in a building and its function. But the system is limited by 3.3 metres in height and 3.2 metres in width for lift and slide type and 2.7 metres in height and 2.3 metres in width for sliding type.

Due to system characteristics, minimum door leaf width is 650 mm.

Maximum leaf weight depends on the opening type: 420 kg for lift and slide doors and 270 kg for sliding doors.

Special hardware with auxiliary locking points is used in ALT SL130 patio system to enhance its burglar resistance.

There are three types of handle design available for order.

HS-series handles are available in three options:

- single-sided without cylinder;
- single-sided with cylinder;
- double-sided with cylinder.

PASK handles are available for order in four design options:

- single-sided without cylinder cover;
- single-sided with key;
- single-sided with cylinder cover;
- double-sided with cylinder cover.

To match the colour of the patio door, the hardware handles are available in three colours.

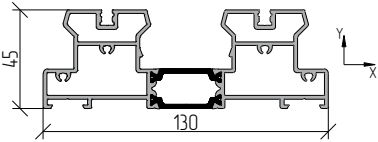
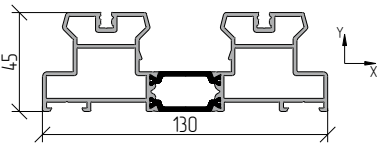
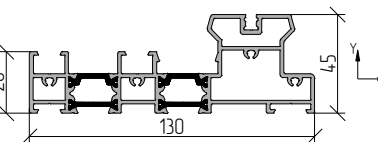
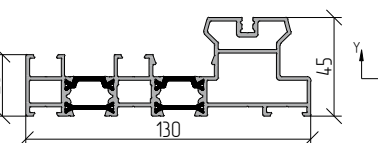
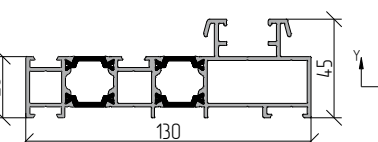
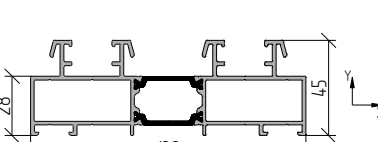
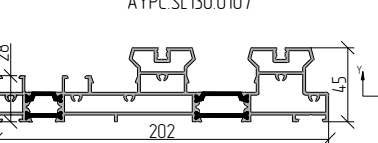
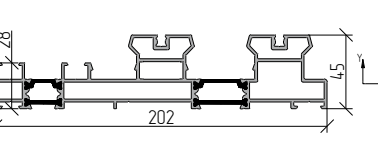


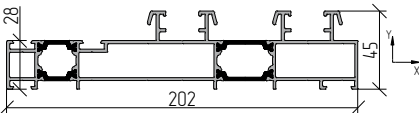
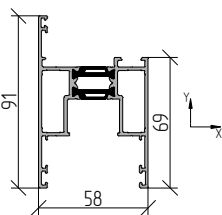
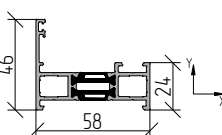
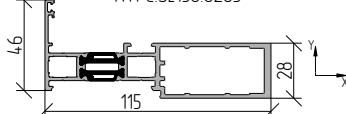
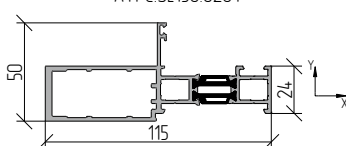
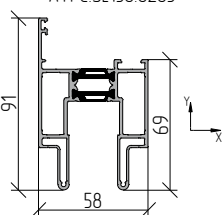
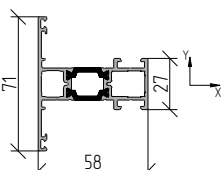
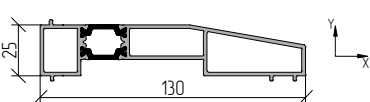
ALUTECH SL130

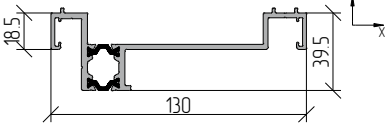
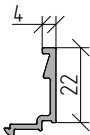
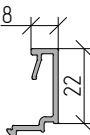
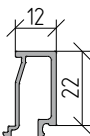
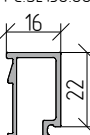
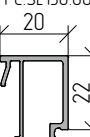
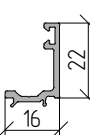
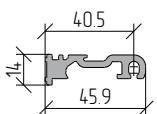
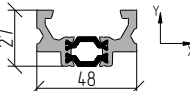
Patio systems

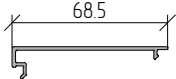
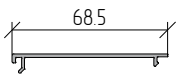
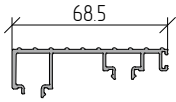
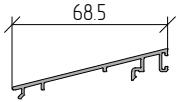
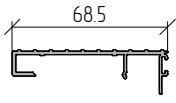
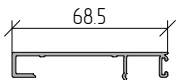
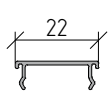
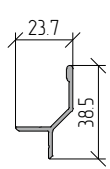
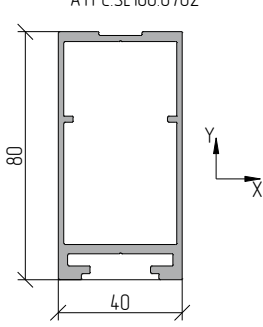
ORDER INFORMATION

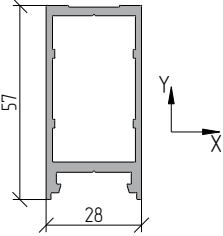
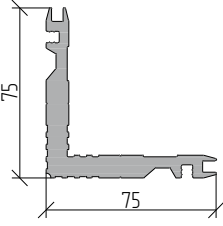
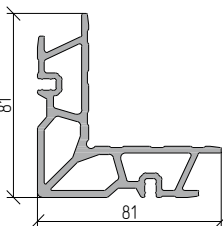
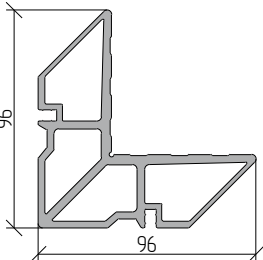
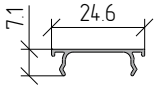
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Gaskets	.03.07
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Non-aluminium items	.03.12
Non-aluminium items (sets)	.03.19
Accessories.	.03.24
Hardware	.03.25
Equipment	.03.35
Chemical products	.03.41

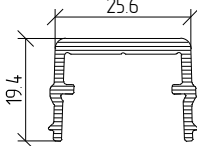
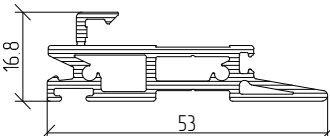
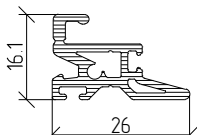
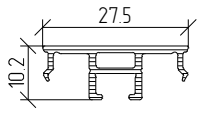
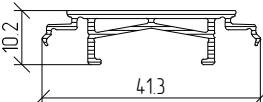
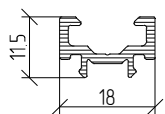
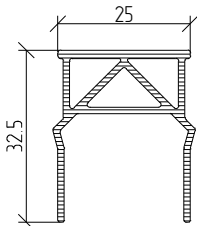
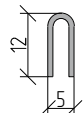
Name, article, drawing	Profile colour	Code	Wight, kg/m	Bar length, m	Exterior perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Gross pack weight, kg
						Jx	Jy	Wx	Wy	pcs	m	
Frame profile AYPCL130.0101 	00 RAL 9016 RAL 9006 A00-D6	13601800 13601821 13601831 136018808	2.742	6.5	560.0	20.2	116.9	8.90	17.99	1	6.5	17.82 18.35 18.35 17.82
Frame profile AYPCL130.0102 	00 RAL 9016 RAL 9006 A00-D6	13601900 13601921 13601931 136019808	2.637	6.5	559.0	20.0	108.7	8.85	16.73	1	6.5	16.96 17.47 17.47 16.96
Frame profile AYPCL130.0103 	00 RAL 9016 RAL 9006 A00-D6	13600100 13600121 13600131 136001808	2.684	6.5	628.9	14.7	107.2	5.39	15.54	2	13	17.44 17.96 17.96 17.44
Frame profile AYPCL130.0104 	00 RAL 9016 RAL 9006 A00-D6	13602200 13602221 13602231 136022808	2.563	6.5	620.9	14.5	100.2	5.31	14.57	2	13	33.32 34.32 34.32 33.32
Frame profile AYPCL130.0105 	00 RAL 9016 RAL 9006 A00-D6	13600200 13600221 13600231 136002808	2.495	6.5	649.4	11.8	100.4	4.51	14.66	2	13	32.44 33.41 33.41 32.44
Frame profile AYPCL130.0106 	00 RAL 9016 RAL 9006 A00-D6	13602000 13602021 13602031 136020808	2.479	6.5	703.0	16.1	109.5	7.04	16.85	1	6.5	16.11 16.59 16.59 16.11
Frame profile AYPCL130.0107 	00 RAL 9016 RAL 9006 A00-D6	13602300 13602321 13602331 136023808	4.037	6.5	855.0	24.6	369.8	9.72	35.14	1	6.5	26.24 27.03 27.03 26.24
Frame profile AYPCL130.0108 	00 RAL 9016 RAL 9006 A00-D6	13602400 13602421 13602431 136024808	3.852	6.5	855.6	24.3	346.6	9.61	32.86	1	6.5	24.98 25.72 25.72 24.98

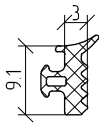
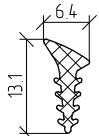
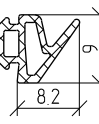
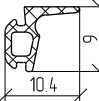
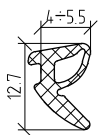
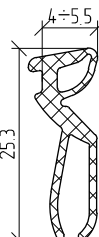
Name, article, drawing	Profile colour	Code	Wight, kg/m	Bar length, m	Exterior perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Gross pack weight, kg
						Jx	Jy	Wx	Wy	pcs	m	
Frame profile AYPCL130.0109 	00 RAL 9016 RAL 9006 A00-D6	13602500 13602521 13602531 136025808	3.498	6.5	946.8	19.4	338.9	7.92	32.14	1	6.5	22.74 23.42 23.42 22.74
Sash profile AYPCL130.0201 	00 RAL 9016 RAL 9006 A00-D6	13600300 13600321 13600331 136003808	1.825	6.5	615.0	27.7	23.6	5.92	7.68	2	13	23.71 24.42 24.42 23.71
Sash profile AYPCL130.0202 	00 RAL 9016 RAL 9006 A00-D6	13600400 13600421 13600431 136004808	1.099	6.5	402.0	3.7	12.1	1.21	3.77	2	13	14.28 14.71 14.71 14.28
Sash profile AYPCL130.0203 	00 RAL 9016 RAL 9006 A00-D6	13600500 13600521 13600531 136005808	2.010	6.5	524.5	8.6	77.5	2.59	13.32	2	13	26.13 26.91 26.91 26.13
Sash profile AYPCL130.0204 	00 RAL 9016 RAL 9006 A00-D6	13602600 13602621 13602631 136026808	2.010	6.5	449.7	8.6	67.5	2.58	11	2	13	26.13 26.91 26.91 26.13
Sash profile AYPCL130.0205 	00 RAL 9016 RAL 9006 A00-D6	13603600 13603621 13603631 136036808	1.970	6.5	451.1	31.3	21.2	6.42	6.93	2	13	25.61 26.45 26.45 25.61
Transom profile AYPCL130.0301 	00 RAL 9016 RAL 9006 A00-D6	13602700 13602721 13602731 136027808	1.296	6.5	406.7	8.4	14.6	2.37	4.29	2	13	16.85 17.35 17.35 16.85
Adapter AYPCL130.0502 	00 RAL 9016 RAL 9006 A00-D6	13602800 13602821 13602831 136028808	1.841	6.5	393.2	4.6	76.6	3.03	11.24	2	13	23.69 24.40 24.40 23.69

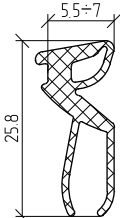
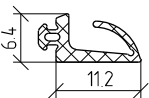
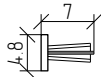
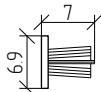
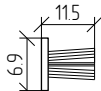
Name, article, drawing	Profile colour	Code	Wight, kg/m	Bar length, m	Exterior perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Gross pack weight, kg
						Jx	Jy	Wx	Wy	pcs	m	
Adapter AYPCL130.0503 	00 RAL 9016 RAL 9006 A00-D6	13602900 13602921 13602931 136029808	1885	6.5	527.0	7.6	89.0	3.25	11.97	2	13	24.51 25.24 25.24 24.51
Glass bead profile AYPCL130.0601 	00 RAL 9016 RAL 9006 A00-D6	13603000 13603021 13603031 136030808	0.204	6.5	86.5	-	-	-	-	18	117	3.67 3.78 3.78 3.67
Glass bead profile AYPCL130.0602 	00 RAL 9016 RAL 9006 A00-D6	13600600 13600621 13600631 136006808	0.212	6.5	108.2	-	-	-	-	18	117	3.82 3.93 3.93 3.82
Glass bead profile AYPCL130.0603 	00 RAL 9016 RAL 9006 A00-D6	13602100 13602121 13602131 136021808	0.251	6.5	136.7	-	-	-	-	18	117	4.52 4.65 4.65 4.52
Glass bead profile AYPCL130.0604 	00 RAL 9016 RAL 9006 A00-D6	13603100 13603121 13603131 136031808	0.28	6.5	142.2	-	-	-	-	18	117	5.04 5.19 5.19 5.04
Glass bead profile AYPCL130.0605 	00 RAL 9016 RAL 9006 A00-D6	13603200 13603221 13603231 136032808	0.294	6.5	163.7	-	-	-	-	18	117	5.29 5.44 5.44 5.29
Ledge profile AYPCL130.0611 	00 RAL 9016 RAL 9006 A00-D6	13600700 13600721 13600731 136007808	0.206	6.5	98.8	-	-	-	-	18	117	23.86 24.57 24.57 23.86
Extruded aluminium profile AYPCL130.0701 	00	13601500	0.730	6.5	160.3	-	-	-	-	4	26	18.99
Reinforcing profile AYPCL130.0702 	00	13603400	1.177	6.5	243.4	19	8.7	1.38	3.63	4	26	30.60

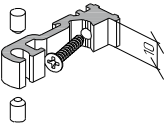
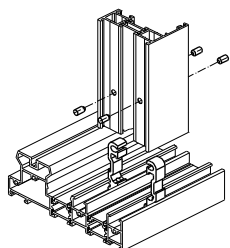
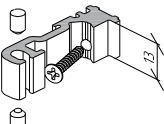
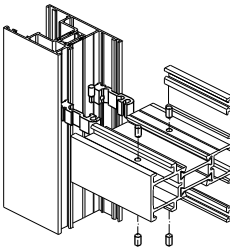
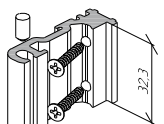
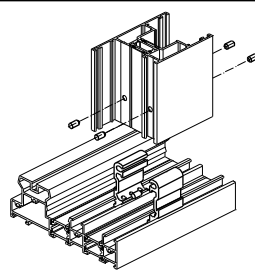
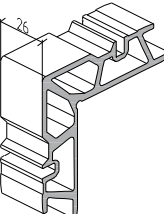
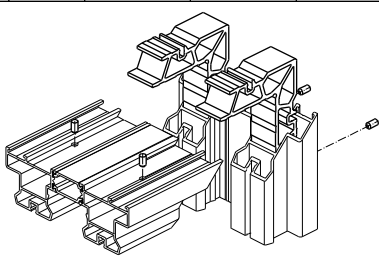
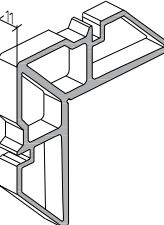
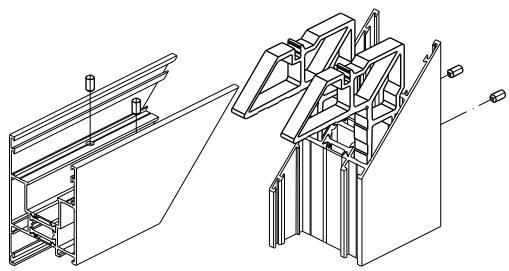
Name, article, drawing	Profile colour	Code	Wight, kg/m	Bar length, m	Exterior perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Gross pack weight, kg
						Jx	Jy	Wx	Wy	pcs	m	
End profile AYPCL130.0801 	00 RAL 9016 RAL 9006 A00-D6	13603300 13603321 13603331 136033808	0.363	6.5	182.9	-	-	-	-	4	26	9.43 9.71 9.71 9.43
End profile AYPCL130.0802 	00 RAL 9016 RAL 9006 A00-D6	13600800 13600821 13600831 136008808	0.323	6.5	126.2	-	-	-	-	8	52	16.80 17.30 17.30 16.80
Slope profile AYPCL130.0803 	00 RAL 9016 RAL 9006 A00-D6	13600900 13600921 13600931 136009808	0.653	6.5	245.9	-	-	-	-	8	52	34.53 35.56 35.56 34.53
Slope profile AYPCL130.0804 	00 RAL 9016 RAL 9006 A00-D6	13601000 13601021 13601031 136010808	0.420	6.5	207.0	-	-	-	-	8	52	21.86 22.51 22.51 21.86
Threshold profile AYPCL130.0805 	00 RAL 9016 RAL 9006 A00-D6	13601100 13601121 13601131 136011808	0.502	6.5	261.8	-	-	-	-	6	39	19.59 20.17 20.17 19.59
Slope profile AYPCL130.0805-01 	00 RAL 9016 RAL 9006 A00-D6	13601200 13601221 13601231 136012808	0.459	6.5	258.0	-	-	-	-	8	52	23.87 24.58 24.58 23.87
Cover cap profile AYPCL130.0806 	00 RAL 9016 RAL 9006 A00-D6	13601300 13601321 13601331 136013808	0.093	6.5	69.9	-	-	-	-	20	130	12.05 12.41 12.41 12.05
Drain profile AYPCL130.0807 	00 RAL 9016 RAL 9006 A00-D6	13603500 13603521 13603531 136035808	0.252	6.5	93.7	-	-	-	-	4	26	6.54 6.73 6.73 6.54
Reinforcing profile AYPCL160.0702 	00 RAL 9016 RAL 9006 A00-D6	12602000 12602021 12602031 126020808	157.4	6.5	285.8	49.4	11.2	11.34	5.6	2	13	3.15 3.24 3.24 3.15

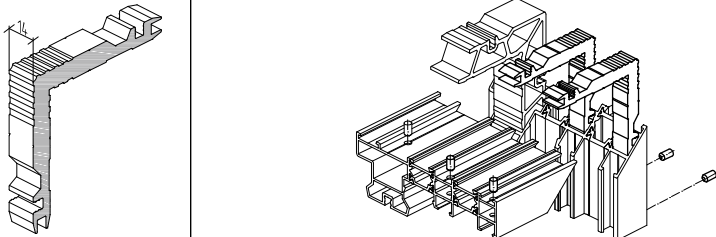
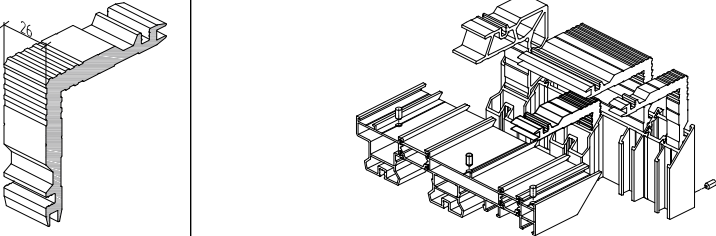
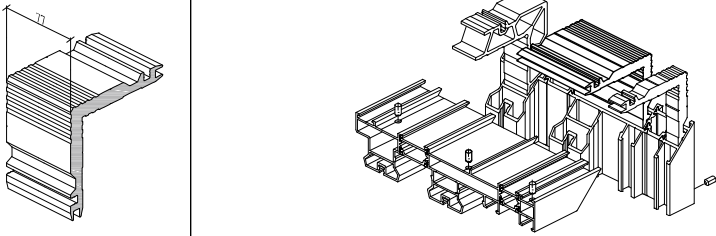
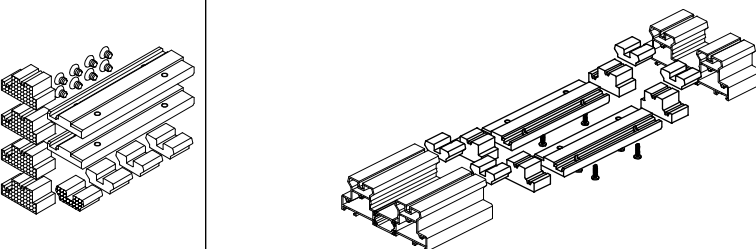
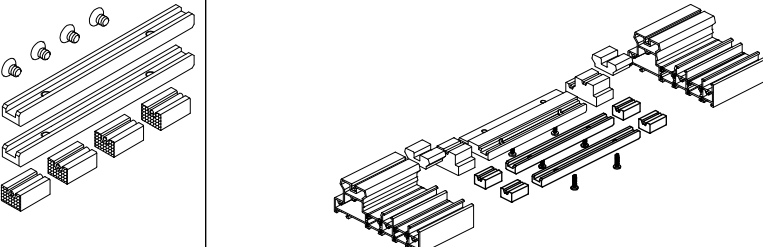
Name, article, drawing	Profile colour	Code	Wight, kg/m	Bar length, m	Exterior perimeter, mm	Moment of inertia, cm ⁴		Moment of resistance, cm ³		Quantity in pack		Gross pack weight, kg
						Jx	Jy	Wx	Wy	pcs	m	
Reinforcing profile AYPCL160.0705 	00 RAL 9016 RAL 9006 A00-D6	12605400 12605421 12605431 126054808	0.995	6.5	188.8	14	3.4	4.91	2.43	4	26	3.98 4.09 4.09 3.98
Corner crimping profile AYPCEF65.0802 	00	11709600	3.048	3.25	358.9	–	–	–	–	2	6.5	19.81
Corner crimping profile AYPCW50.0703 	00	12402300	2.982	3.25	380.0	–	–	–	–	2	6.5	19.38
Extruded aluminium profile AYPCW72.0701 	00	10904100	3.753	3.25	391.1	–	–	–	–	2	6.5	24.4
Cover profile AYPCL111.0605 	00 RAL 9016 RAL 9006 A00-D6	10503000 10503021 10503069 105030808	0.09	6.2	79.3	–	–	–	–	4	24.8	2.19 2.26 2.26 2.19

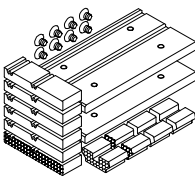
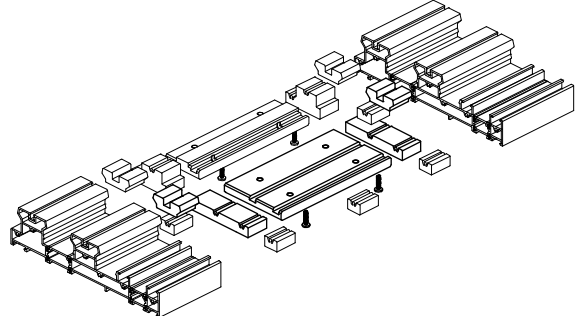
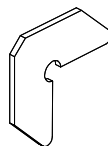
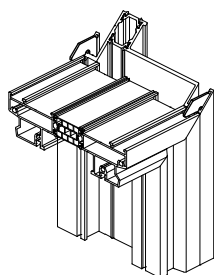
Name, article, drawing	Colour	Code	Weight, kg/m	Bar length, m	Pack quantity		Gross pack weight, kg
					pcs	m	
Fixing profile AYPCL130.1901 	—	13651100	0.161	3.25	1	3.25	0.55
Frame ledge profile AYPCL130.1902 	—	13651200	0.283	5.50	1	5.50	1.60
Frame ledge profile AYPCL130.1903 	—	13651300	0.151	5.50	1	5.50	1.0
Cover profile AYPCL130.1904 	—	13651400	0.091	5.80	1	5.80	0.55
Cover profile AYPCL130.1905 	—	13651500	0.127	5.80	1	5.80	0.75
Spacer profile AYPCL130.1906 	—	13651600	0.101	3.25	1	3.25	0.35
Decorative profile AYPCL130.1907 	—	13657700	0.250	2.50	1	2.50	0.625
Guide rail AYPCL160.1950 	—	12652800	0.197	6.50	1	6.5	1.30

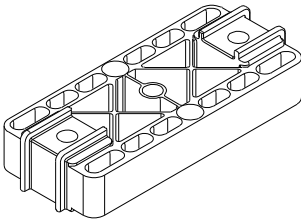
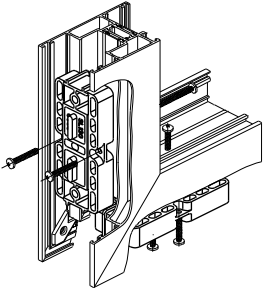
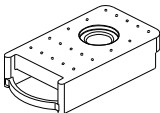
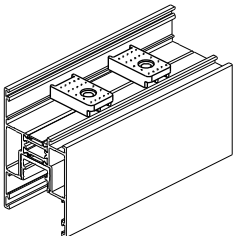
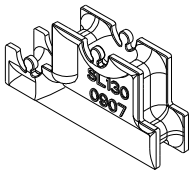
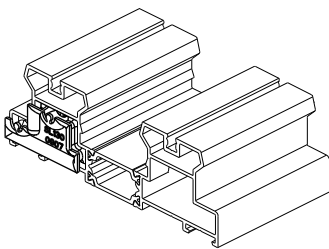
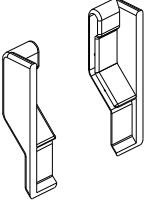
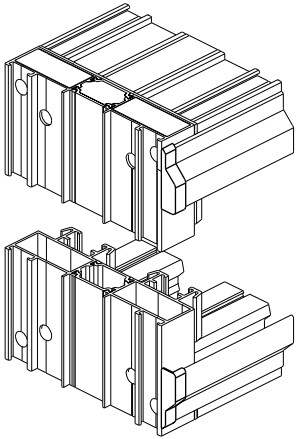
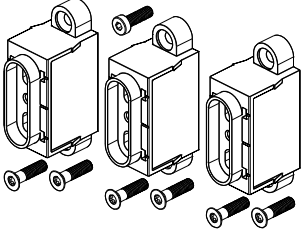
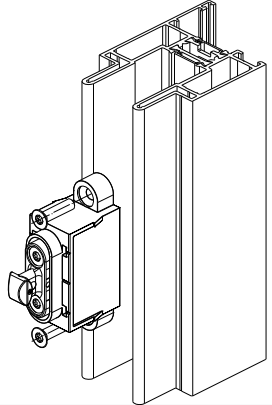
Name, article, drawing	Colour	Code	Weight, kg/m	Quantity in pack, m	Gross pack weight, kg
EPDM gasket FRK29-01 	-	10415900	0.043	400	17.80
EPDM wedge gasket FRK38 	-	10415500	0.046	400	18.70
EPDM rebate gasket FRK175 	-	12620100	0.044	300	13.50
EPDM gasket FRK176 	-	12620200	0.035	150	6.00
EPDM gasket FRK188 	-	12620300	0.037	350	13.25
EPDM wedge gasket FRK191 	-	10830300	0.067	125	8.62
EPDM wedge gasket FRK192 	-	10830500	0.097	100	9.98
EPDM wedge gasket FRK193 	-	10830700	0.105	100	11.14

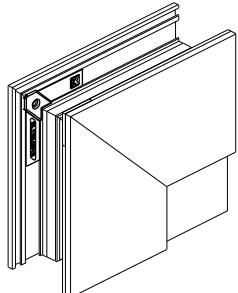
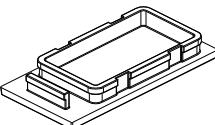
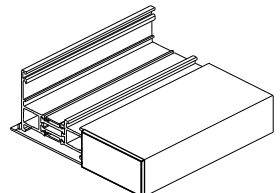
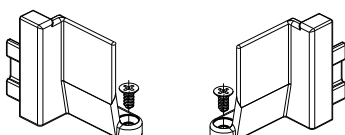
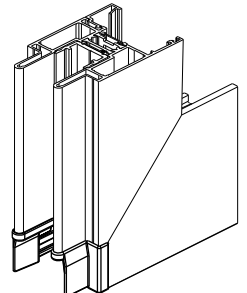
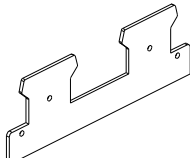
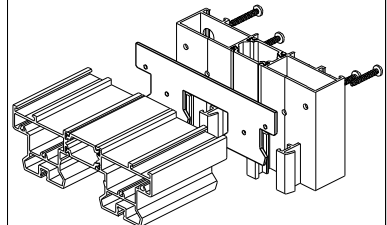
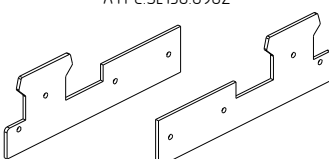
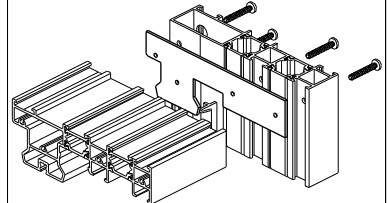
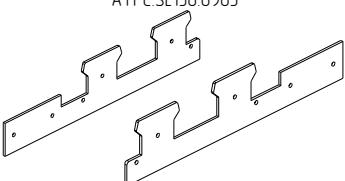
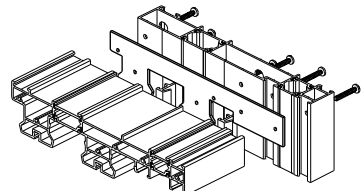
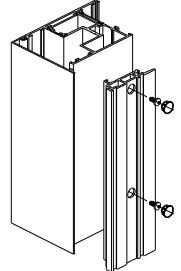
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EPDM wedge gasket FRK194 	-	10831200	0.135	75	9.80
EPDM gasket FRK230 	-	13620100	0.040	150	7.20
Felt sealing IS10 	-	1112505	0.006	325	2.11
Felt sealing ISE 01 	-	1112511	0.007	225	2.25
Felt sealing AYPCL130.0912 	-	13620200	-	-	-

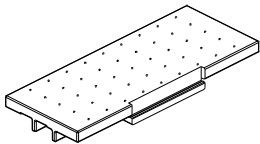
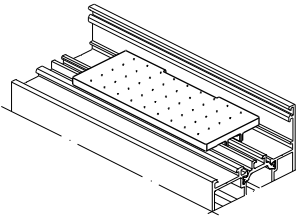
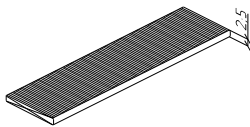
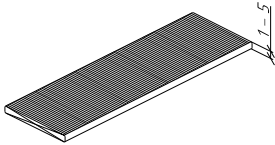
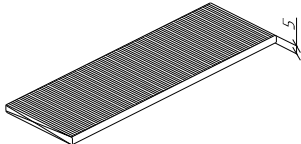
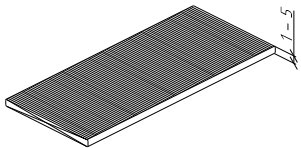
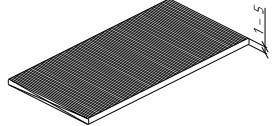
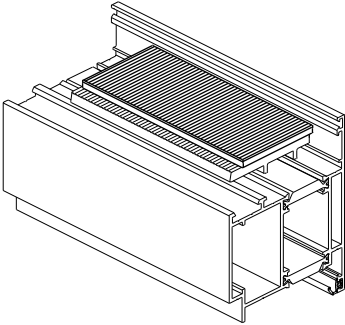
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Original profile	Delivery set contents	
								Article	Quantity, pcs
Transom fixing element AYPC.SL130.0950	00	13650400	0.010	pcs	130	1.30	AYPC.SL130.0701	Corner cleat AYPC.SL130.1701 Self-tapping screw 3.5x19-A2IS014586 Pin 5x8DIN6325D	1 1 2
 								For profiles	
								AYPC.SL130.0202, AYPC.SL130.0203, AYPC.SL130.0204	
Transom fixing element AYPC.SL130.0950-01	00	13650500	0.013	pcs	130	1.69	AYPC.SL130.0701	Corner cleat AYPC.SL130.1701-01 Self-tapping screw 3.5x19-A2IS014586 Pin 5x8DIN6325D	1 1 2
 								For profiles	
								AYPC.SL130.0301	
Transom fixing element AYPC.SL130.0950-02	00	13650600	0.027	pcs	65	1.76	AYPC.SL130.0701	Corner cleat AYPC.SL130.1701-02 Self-tapping screw 3.5x19-A2IS014586 Pin 5x10DIN6325D	1 2 2
 								For profiles	
								AYPC.SL130.0201	
Corner cleat AYPC.W50.0929-01	00	12430900	0.078	pcs	80	6.24	AYPC.W50.0703	-	-
 								For profiles	
								AYPC.SL130.0102, AYPC.SL130.0104, AYPC.SL130.0108	
Corner cleat AYPC.SL130.0951	00	13650700	0.041	pcs	96	3.96	AYPC.W72.0701	-	-
 								For profiles	
								AYPC.SL130.0201	

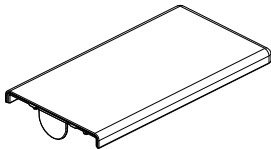
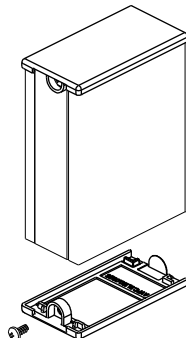
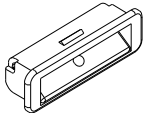
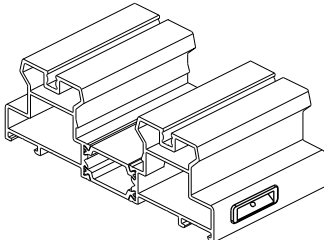
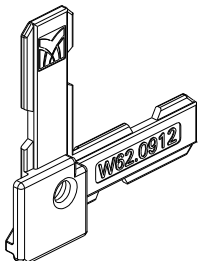
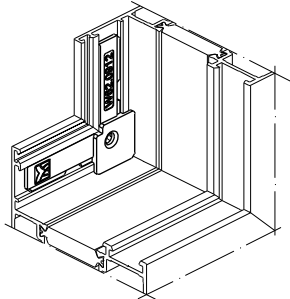
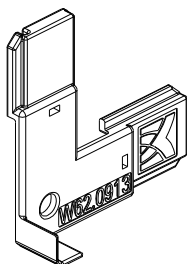
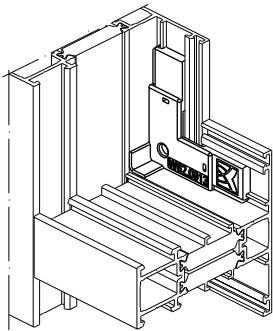
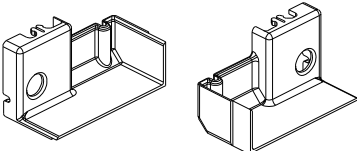
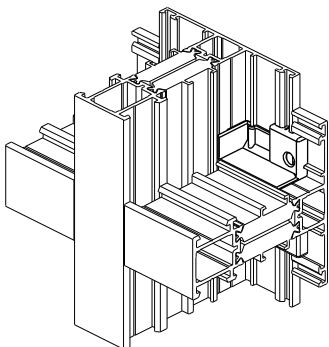
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Corner cleat AYPC.SL130.0952	00	13650800	0.043	pcs	14	6.02	AYPC.EF65.0802	-	-
								For profiles	
								AYPC.SL130.0104, AYPC.SL130.0108	
Corner cleat AYPC.SL130.0952-01	00	13650900	0.079	pcs	51	4	AYPC.EF65.0802	-	-
								For profiles	
								AYPC.SL130.0108	
Corner cleat AYPC.SL130.0952-02	00	13651000	0.235	pcs	17	3.99	AYPC.EF65.0802	-	-
								For profiles	
								AYPC.SL130.0108	
Frame connector set AYPC.SL130.0953	00	13657100	0.39	pcs	1	0.78	AYPC.SL130.1703	Frame connector AYPC.SL130.1703 Screw M5x8-A2DIN7991 Encapsulating insert AYPC.SL130.0943 Encapsulating insert AYPC.SL130.0944	2 8 4 4
								For profiles	
								AYPC.SL130.0101, AYPC.SL130.0102, AYPC.SL130.0103, AYPC.SL130.0104, AYPC.SL130.0107, AYPC.SL130.0108	
Frame connector set AYPC.SL130.0954	00	13657200	0.1	pcs	1	0.2	AYPC.SL130.1704	Frame connector AYPC.SL130.1704 Screw M5x8-A2DIN7991 Encapsulating insert AYPC.SL130.0945	2 4 4
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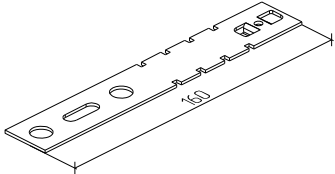
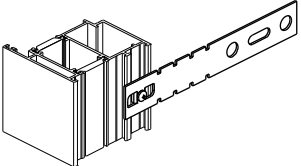
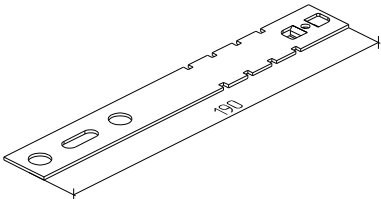
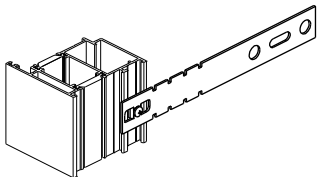
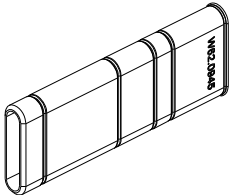
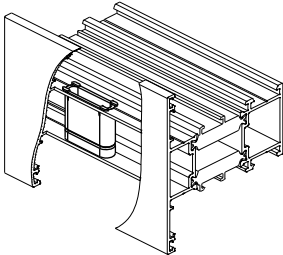
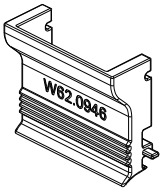
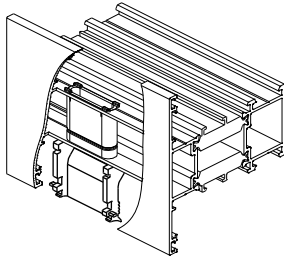
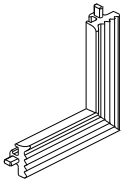
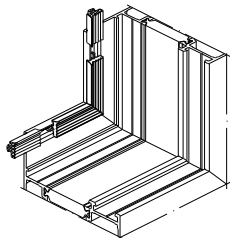
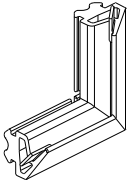
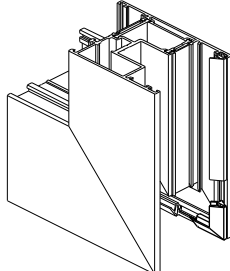
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Original profile	Delivery set contents	
								Article	Quantity, pcs
Frame connector set AYPC.SL130.0955	00	13657300	0.59	pcs	1	1.18	AYPC.SL130.1705	Frame connector AYPC.SL130.1705 Screw M5x8-A2DIN7991 Encapsulating insert AYPC.SL130.0943 Encapsulating insert AYPC.SL130.0946	2 8 4 6
									For profiles
									AYPC.SL130.0107, AYPC.SL130.0108
Chevron AYPC.W62.0957	00	10813600	0.003	pcs	200	0.68	—	—	—
									For profiles
									AYPC.SL130.0503

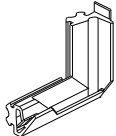
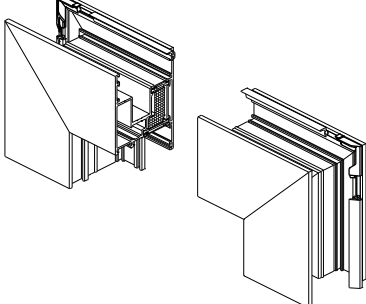
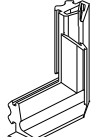
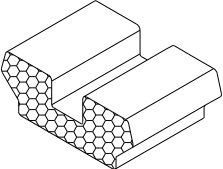
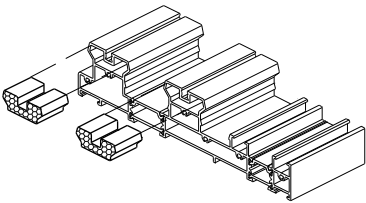
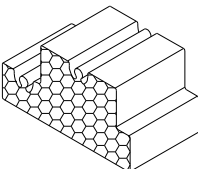
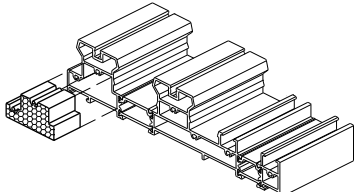
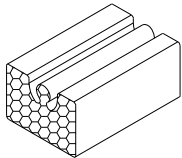
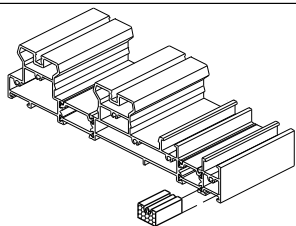
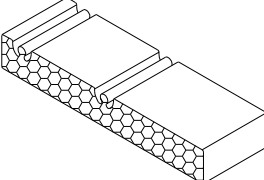
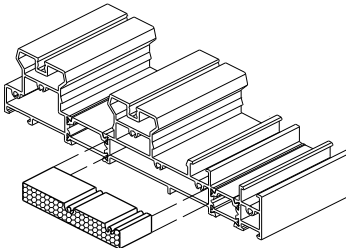
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Notes
Fixator AYPCL130.0905 	–	13651700	0.053	pcs	30	1.65	The set does not include self-tapping screws 4.8x45-A2ISO14585 3.9x25-A2ISO14585 
Bearing support AYPCL130.0906 	–	13651800	0.006	pcs	60	0.40	
Drain plug AYPCL130.0907 	–	13653900	0.003	pcs	10	0.07	
Drain cap set AYPCL130.0908 	10 (black)	13657800	0.004	pcs	20	0.09	
	01 (white)	13657801					
Support set AYPCL130.0910K 	–	13657600	0.086	pcs	1	0.09	

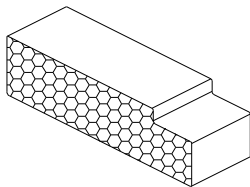
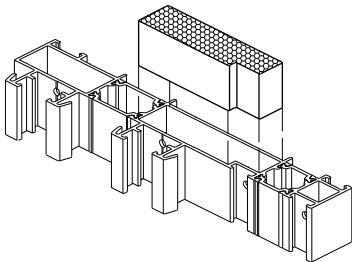
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Notes
Corner AYPCL130.0918 	—	13651900	0.006	pcs	120	0.8	
Cover AYPCL130.0925 	—	13652000	0.008	pcs	20	0.17	
Interlock plug set AYPCL130.0933K 	—	13657500	0.010	pcs	2	0.02	
Face seal AYPCL130.0981 	—	13652600	0.001	pcs	100	0.11	
Face seal set AYPCL130.0982 	—	13657900	0.018	pcs	3	0.06	
Face seal set AYPCL130.0983 	—	13658000	0.028	pcs	3	0.09	
Decorative plug Ø10 AYPCL160.0928 	10 (black)	12655100	0.002	pcs	100	0.3	
	01 (white)	12655101					

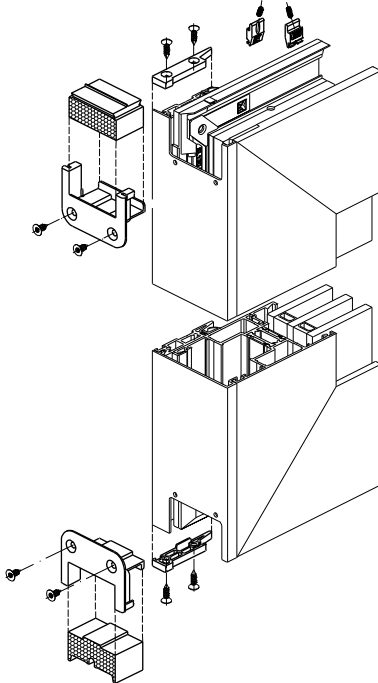
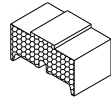
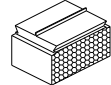
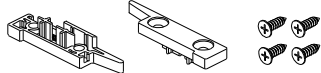
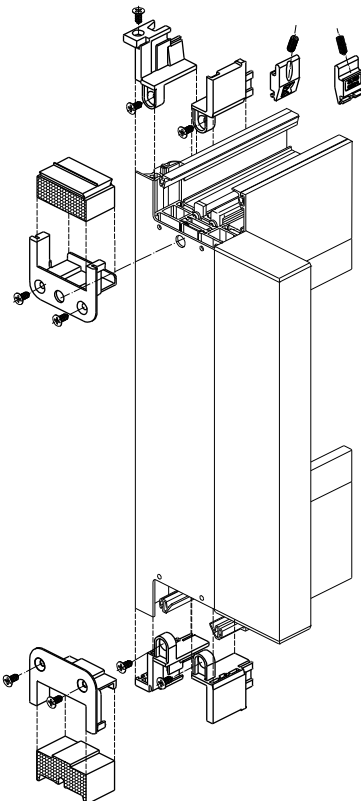
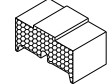
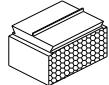
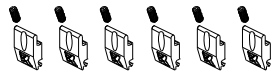
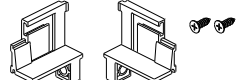
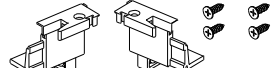
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Notes
Bearing support AYPC.W62.0901M 	—	10815800	0.015	pcs	100	15	
Leveling support 100x22x2 100x22x5 	—	10461000 10461300	0.02 0.02	pcs	100	2.0 2.0	
Leveling support 100x32x1 100x32x2 100x32x3 100x32x5 	—	11213400 11213500 11213600 10840300	0.003 0.004 0.005 0.007	pcs	1000	3.0 4.0 5.0 7.0	
Leveling support 100x38x1 100x38x2 100x38x3 	—	11213700 11213800 11213900	0.006 0.006 0.007	pcs	1000	6.0 6.0 7.0	
Leveling support 100x44x1 100x44x2 100x44x3 100x44x5 	—	11218100 11218200 11218300 11219800	0.005 0.005 0.006 0.008	pcs	1000	5.0 5.0 6.0 8.0	
Leveling support 100x50x1 100x50x2 100x50x3 100x50x4 100x50x5 	—	11218400 11218500 11218600 10840500 10840600	0.006 0.006 0.007 0.008 0.009	pcs	1000	6.0 6.0 7.0 8.0 9.0	

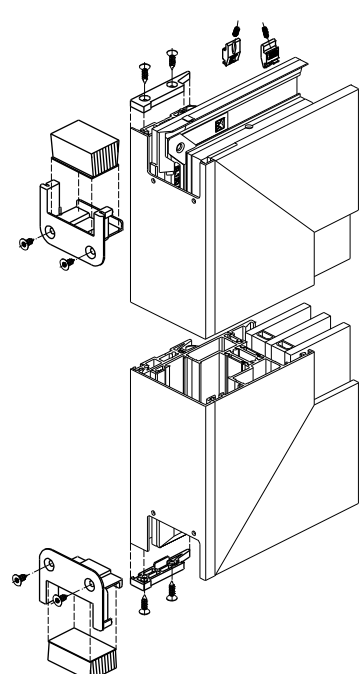
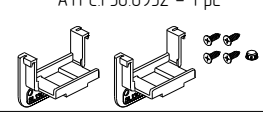
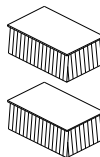
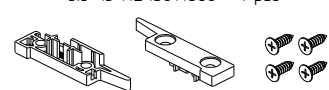
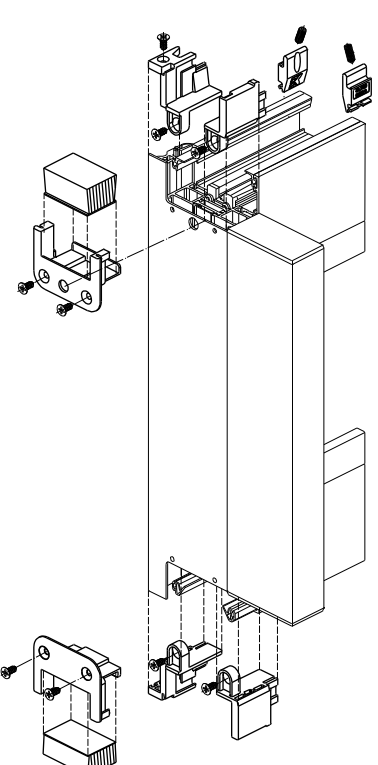
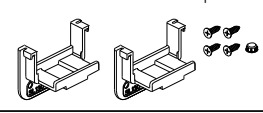
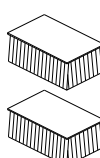
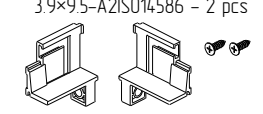
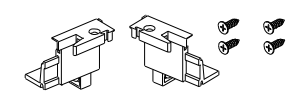
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Notes
Cover AYPC.SL160.0925 	—	12654700	0.011	pcs	30	0.33	
Water drain plug AYPC.100P.1850 	—	10183500	0.001	pcs	50	0.04	
Corner AYPC.W62.0912 	—	10816900	0.005	pcs	120	0.54	
Corner AYPC.W62.0913 	—	10817000	0.006	pcs	120	0.75	
End cap set AYPC.W62.0914 	—	10819000	0.002	pcs	120	0.75	

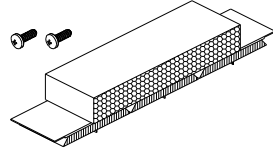
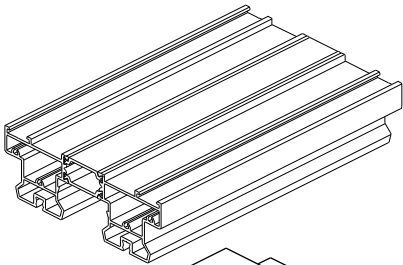
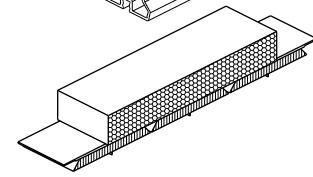
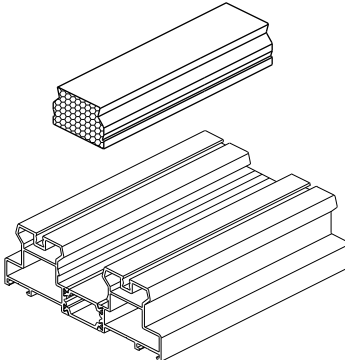
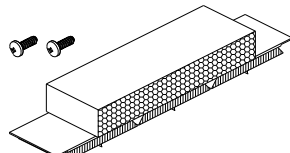
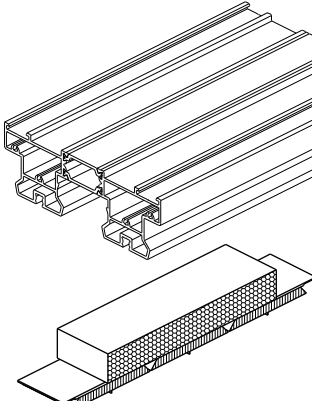
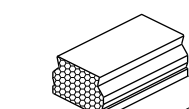
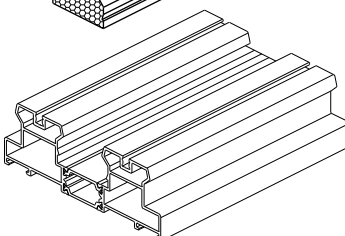
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Notes
Fixing lug AYPC.W62.0940 	—	10828400	0.042	pcs	100	4.20	
Fixing lug AYPC.W62.0940-01 	—	10828500	0.051	pcs	100	5.10	
Water drain plug AYPC.W62.0945 	—	10831500	0.007	pcs	50	0.37	
Water drain plug AYPC.W62.0946 	—	10831700	0.003	pcs	40	0.10	
EPDM corner FRK170 	—	10915200	0.003	pcs	100	0.30	
EPDM corner FRK177 	—	12654100	0.002	pcs	24	0.05	

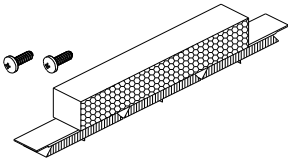
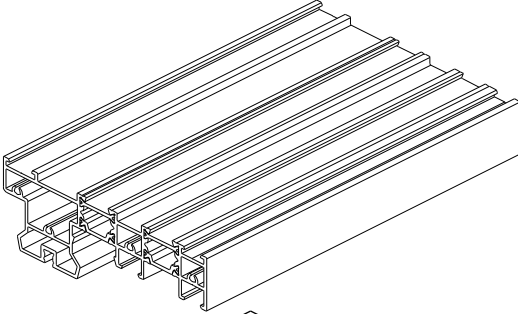
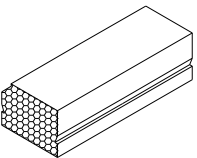
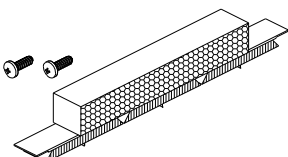
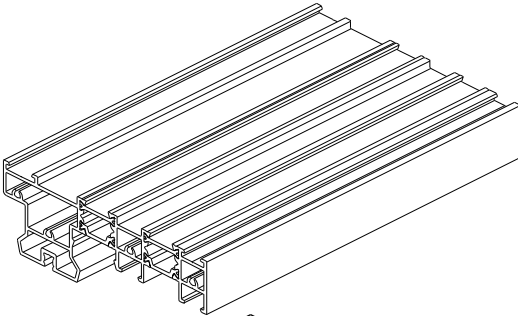
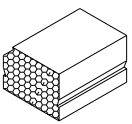
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Notes
EPDM corner FRK178 	—	12654200	0.002	pcs	24	0.05	
EPDM corner FRK178-01 	—	12654300	0.002	pcs	24	0.05	
Encapsulating insert AYPCL130.0943 	—	13652100	0.024	pcs	20	0.50	 For profiles AYPCL130.0101, AYPCL130.0102, AYPCL130.0103, AYPCL130.0104, AYPCL130.0107, AYPCL130.0108,
Encapsulating insert AYPCL130.0944 	—	13652200	0.052	pcs	20	1.06	 For profiles AYPCL130.0101, AYPCL130.0102, AYPCL130.0103, AYPCL130.0104, AYPCL130.0107, AYPCL130.0108
Encapsulating insert AYPCL130.0945 	—	13652300	0.011	pcs	20	0.26	 For profiles AYPCL130.0103, AYPCL130.0104, AYPCL130.0107, AYPCL130.0108
Encapsulating insert AYPCL130.0946 	—	13652400	0.054	pcs	20	1.10	 For profiles AYPCL130.0107, AYPCL130.0108, AYPCL130.0109

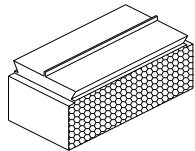
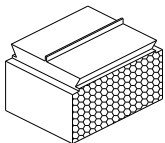
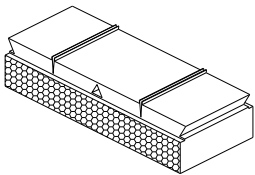
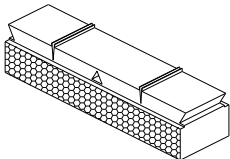
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Notes
Encapsulating insert AYPC.SL130.0947 	—	13652500	0.096	pcs	20	195	 For profiles AYPC.SL130.0109

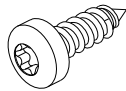
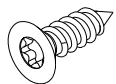
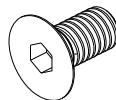
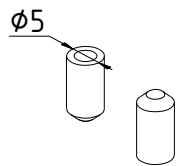
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Delivery set contents
Frame ledge set AYPCL130.0940HS	-	13655600	0.23	pcs	1	0.23	AYPCL130.0901 - 2 pcs 3.9x9.5-A2ISO14586 - 4 pcs AYPCLF50.0932 - 1 pc 
							AYPCL130.0916 
							AYPCL130.0914 
							AYPCL160.0904 - 6 pcs M4x10-A2ISO4027 - 6 pcs 
							AYPCL130.0904 - 1 pc AYPCL130.0904-01 - 1 pc 3.5x13-A2ISO14586 - 4 pcs 
Frame ledge set AYPCL130.0940HS-01	-	13655700	0.12	pcs	1	0.12	AYPCL130.0901 - 2 pcs 3.9x9.5-A2ISO14586 - 4 pcs AYPCLF50.0932 - 1 pc 
							AYPCL130.0916 
							AYPCL130.0914 
							AYPCL160.0904 - 6 pcs M4x10-A2ISO4027 - 6 pcs 
							AYPCL130.0902 AYPCL130.0902-01 3.9x9.5-A2ISO14586 - 2 pcs 
							AYPCL130.0903 AYPCL130.0903-01 3.5x13-A2ISO14586 - 2 pcs 3.9x9.5-A2ISO14586 - 2 pcs 

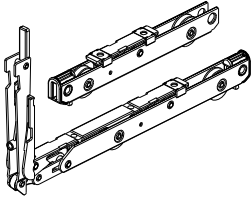
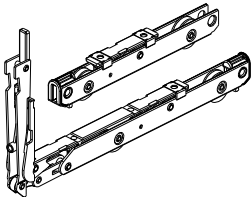
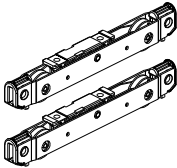
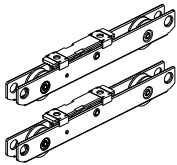
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Delivery set contents
Frame ledge set AYPC.SL130.0940S	-	13655800	0.098	pcs	1	0.1	AYPC.SL130.0901 – 2 pcs 3.9×9.5-A2 ISO14586 – 4 pcs AYPC.F50.0932 – 1 pc  
							AYPC.SL130.0984 – 2 pcs 
							AYPC.SL130.0909 – 6 pcs M4×10-A2ISO4027 – 6 pcs 
							AYPC.SL130.0904 AYPC.SL130.0904-01 3.5×13-A2 ISO14586 – 4 pcs 
Frame ledge set AYPC.SL130.0940S-01	-	13655900	0.124	pcs	1	0.124	AYPC.SL130.0901 – 2 pcs 3.9×9.5-A2ISO14586 – 4 pcs AYPC.F50.0932 – 1 pc  
							AYPC.SL130.0984 – 2 pcs 
							AYPC.SL130.0909 – 6 pcs M4×10-A2ISO4027 – 6 pcs 
							AYPC.SL130.0902 AYPC.SL130.0902-01 3.9×9.5-A2ISO14586 – 2 pcs 
							AYPC.SL130.0903 AYPC.SL130.0903-01 3.5×13-A2ISO14586 – 2 pcs 3.9×9.5-A2ISO14586 – 2 pcs 

Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Delivery set contents
Sealing block AYPC.SL130.0941HS	-	13656000	0.34	pcs	1	0.34	AYPC.SL130.0913 – 1 pc 3.9x9.5-A2ISO14585 – 2 pcs 
							
							AYPC.SL130.0915-01 
							For profiles AYPC.SL130.0101, AYPC.SL130.0102, AYPC.SL130.0107, AYPC.SL130.0108 
Sealing block AYPC.SL130.0941HS-01	-	13656100	0.3	pcs	1	0.3	AYPC.SL130.0913 – 1 pc 3.9x9.5-A2ISO14585 – 2 pcs 
							
							AYPC.SL130.0915 
							For profiles: AYPC.SL130.0101, AYPC.SL130.0102, AYPC.SL130.0107, AYPC.SL130.0108 

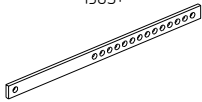
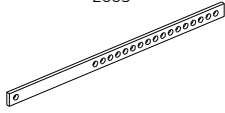
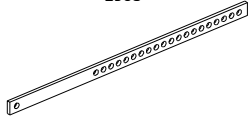
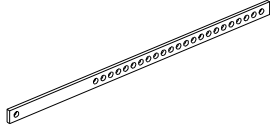
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Delivery set contents
Sealing block AYPC.SL130.0942HS	-	13656400	0.23	pcs	1	0.23	AYPC.SL130.0913-01 – 1 pc 3.9×9.5-A2ISO14585 – 2 pcs 
							AYPC.SL130.0932-01 
							For profiles:
							AYPC.SL130.0103, AYPC.SL130.0104, AYPC.SL130.0107, AYPC.SL130.0108
Sealing block AYPC.SL130.0942HS-01	-	13656500	0.2	pcs	1	0.2	AYPC.SL130.0913-01 – 1 pc 3.9×9.5-A2ISO14585 – 2 pcs 
							AYPC.SL130.0932 
							For profiles:
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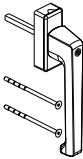
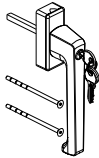
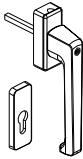
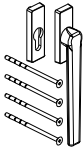
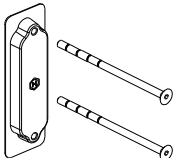
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg	Delivery set contents
Sealing block gasket AYPC.SL130.0985 	-	13655200	0.009	pcs	2	0.05	-
							For profiles: AYPC.SL130.0101, AYPC.SL130.0102, AYPC.SL130.0107, AYPC.SL130.0108
Sealing block gasket AYPC.SL130.0985-01 	-	13655300	0.011	pcs	2	0.06	-
							For profiles: AYPC.SL130.0103, AYPC.SL130.0104, AYPC.SL130.0107, AYPC.SL130.0108
Sealing block gasket AYPC.SL130.0986 	-	13655400	0.017	pcs	2	0.0800	-
							For profiles: AYPC.SL130.0101, AYPC.SL130.0102, AYPC.SL130.0107, AYPC.SL130.0108
Sealing block gasket AYPC.SL130.0986-01 	-	13655500	0.014	pcs	2	0.07	-
							For profiles: AYPC.SL130.0103, AYPC.SL130.0104, AYPC.SL130.0107, AYPC.SL130.0108

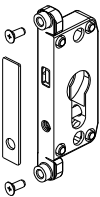
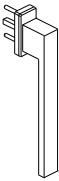
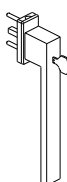
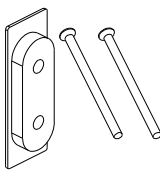
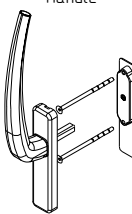
Name, drawing	Article	Colour	Code	Weight, kg/100 pcs	Measure unit	Quantity in pack	Gross pack weight, kg
Self-tapping screw 	3.9x9.5-A2IS014585	-	18101000	0.105	100 pcs	1	0.135
	3.9x13-A2IS014585		18100600	0.140			0.170
	3.9x25-A2IS014585		18102300	0.205			0.235
	4.8x16-A2IS014585		18101200	0.244			0.253
	4.8x45-A2IS014585		18105000	0.530			0.56
Self-tapping screw with hidden head 	2.9x9.5-A2IS014586	-	18105300	0.038	100 pcs	1	0.068
	3.5x19-A2IS014586						
	3.9x13-A2IS014586		18100700	0.088			0.118
	3.9x19-A2IS014586		18102100	0.165			0.205
	3.9x25-A2IS014586		18105200	0.164			0.194
	3.9x38-A2IS014586		18102900	0.202			0.232
	4.8x32-A2IS014586		18140500	0.335			0.365
	4.8x60-A2IS014586		18119400	0.575			0.605
	4.8x70-A2IS014586		18119500	0.675			0.705
Screw 	M5x8-A2DIN7991	-	18140800	0.210	100 pcs	1	0.240
Pin 	5x8DIN6325D	-	18101700	0.264	100 pcs *Supplied exclusively by Alutech Group. Can be replaced with DIN6325	1	0.294
	5x10DIN6325D	-	18112400	0.135		1	0.137
	5x14DIN6325D	-	18140600	0.155		1	0.185

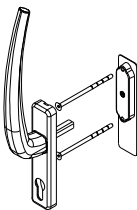
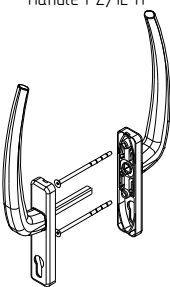
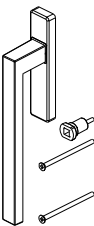
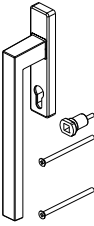
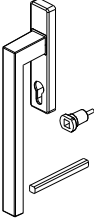
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Lift and slide roller set HS200 					-	193720	13279600	0.761	pcs	1	0.761
HS120	HS200	HS270	HS420	S270							
●	●										
Lift and slide roller set HS270 					-	485241	13279100	0.825	pcs	1	0.825
HS120	HS200	HS270	HS420	S270							
		●	●								
Additional roller set HS420 					-	485242	13279700	0.683	pcs	1	0.683
HS120	HS200	HS270	HS420	S270							
			●								
Slide roller set S270 					-	486356	13279800	0.516	pcs	1	0.516
HS120	HS200	HS270	HS420	S270							
				●							
Handle transmission HS120 Gr.180 					-	246866	13279900	1.011	pcs	1	1.011
HS120	HS200	HS270	HS420	S270							
●											
Handle transmission HS120 Gr.210 					-	246869	13370100	1.352	pcs	1	1.352
HS120	HS200	HS270	HS420	S270							
●											
Handle transmission HS120 Gr.240 					-	246872	13370200	1.588	pcs	1	1.588
HS120	HS200	HS270	HS420	S270							
●											

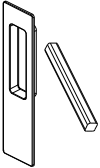
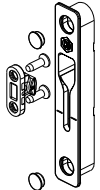
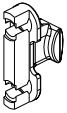
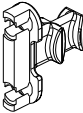
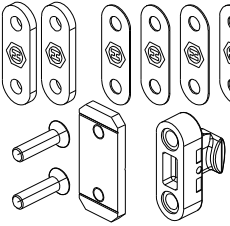
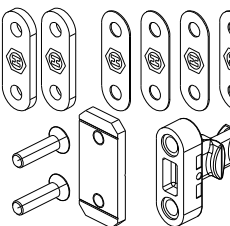
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Handle transmission D25 HS120 INVISO Gr.180 					-	304758	13370300	1.167	pcs	1	1.167
HS120	HS200	HS270	HS420	S270							
●											
Handle transmission D25 HS120 INVISO Gr.210 					-	304759	13370400	1.431	pcs	1	1.431
HS120	HS200	HS270	HS420	S270							
●											
Handle transmission D25 HS120 INVISO Gr.240 					-	304760	13370500	1.581	pcs	1	1.581
HS120	HS200	HS270	HS420	S270							
●											
Handle transmission HS270 Gr.180 					-	195419	13370600	1.115	pcs	1	1.115
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission HS270 Gr.210 					-	195425	13370700	1.458	pcs	1	1.458
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission HS270 Gr.240 					-	195431	13370800	1.693	pcs	1	1.693
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission HS270 Gr.270 					-	195437	13370900	1.928	pcs	1	1.928
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission D27,5 HS270 INVISO Gr.180 					-	304092	13371000	1.281	pcs	1	1.281
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission D27,5 HS270 INVISO Gr.210 					-	304093	13371100	1.637	pcs	1	1.637
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission D27,5 HS270 INVISO Gr.240 					-	304094	13371200	1.753	pcs	1	1.753
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission D27,5 HS270 INVISO Gr.270 					-	304095	13277900	1.963	pcs	1	1.963
HS120	HS200	HS270	HS420	S270							
	●	●	●								

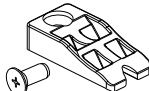
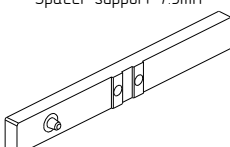
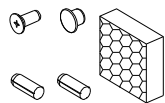
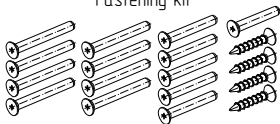
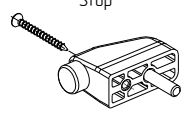
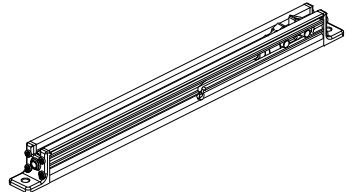
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Handle transmission D25 S270 Gr.50 					-	215529	13371300	0.414	pcs	1	0.414
HS120	HS200	HS270	HS420	S270							
				●							
Handle transmission D25 S270 Gr.200 					-	215532	13371400	1.340	pcs	1	1.340
HS120	HS200	HS270	HS420	S270							
				●							
Handle transmission extension 					-	209738	13174200	0.575	pcs	1	0.575
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle transmission extension INVISIO 					-	302889	13373900	0.560	pcs	1	0.560
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Connecting rod 150S+ 					-	184578	13172700	0.327	pcs	1	0.327
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Connecting rod 200S+ 					-	184581	13172900	0.590	pcs	1	0.590
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Connecting rod 250S+ 					-	184584	13171900	0.810	pcs	1	0.810
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Connecting rod 323S+ 					-	184587	13173500	1.114	pcs	1	1.114
HS120	HS200	HS270	HS420	S270							
●	●	●	●								

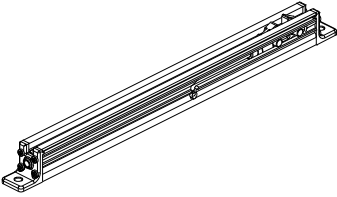
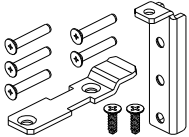
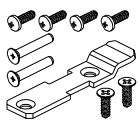
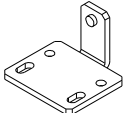
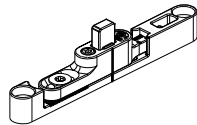
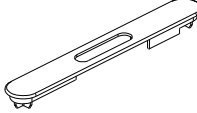
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Handle 161 EG 					RAL 9016 RAL 9005 A00-E6	206209	13371821 13371932 133717806	0.200	pcs	1	0.200
HS120	HS200	HS270	HS420	S270							
●				●							
Handle 161 EG-S 					RAL 9016 RAL 9005 A00-E6	206218	13372121 13372232 133720806	0.242	pcs	1	0.242
HS120	HS200	HS270	HS420	S270							
●				●							
Handle 161 EG-Pz/I 					RAL 9016 RAL 9005 A00-E6	206227	13372421 13372532 133723806	0.260	pcs	1	0.260
HS120	HS200	HS270	HS420	S270							
				●							
Handle 160 EG-Pz/A 					RAL 9016 RAL 9005 A00-E6	163275	13372721 13372832 133726806	0.225	pcs	1	0.225
HS120	HS200	HS270	HS420	S270							
				●							
External flush pull handle 					RAL 9016 RAL 9005 RAL 9006	223548	13373021 13373132 13372998	0.102	pcs	1	0.102
HS120	HS200	HS270	HS420	S270							
●				●							

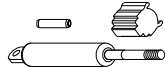
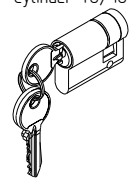
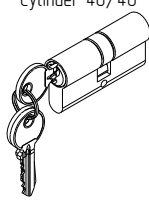
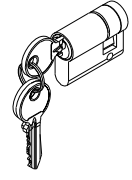
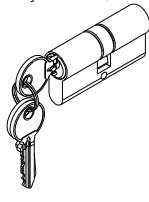
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Lock housing SF D25 					-	203130	13373200	0.123	pcs	1	0.123
HS120	HS200	HS270	HS420	S270							
				●							
Handle PSK Dublin 					RAL 9016 RAL 9005 A00-E2	128PSK	13100221 13100232 131002802	0.323	pcs	1	0.323
HS120	HS200	HS270	HS420	S270							
●				●							
Handle PSK Dublin with key 					RAL 9016 RAL 9005 A00-E2	129PSK	13100321 13100332 131003802	0.350	pcs	1	0.350
HS120	HS200	HS270	HS420	S270							
●				●							
External flush pull handle PSK 					RAL 9016 RAL 9005 A00-E2	128PSM	13100421 13100432 131004802	0.098	pcs	1	0.098
HS120	HS200	HS270	HS420	S270							
●				●							
Handle 					RAL 9016 RAL 9005 A00-E6	234410	13173721 13172632 13172690	0.772	pcs	1	0.772
HS120	HS200	HS270	HS420	S270							
	●	●	●								

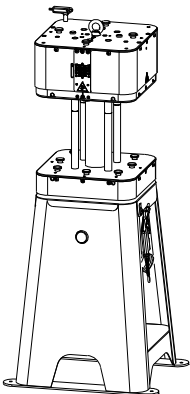
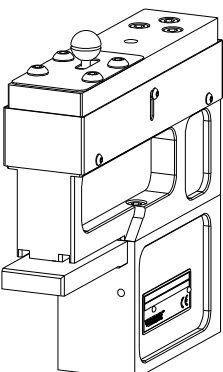
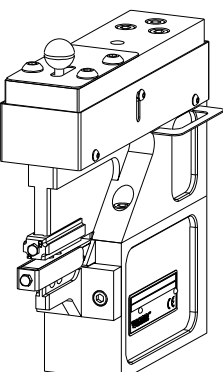
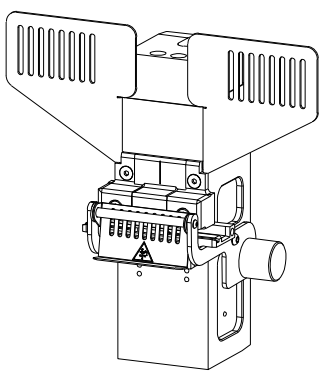
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Handle PZ/I 					RAL 9016 RAL 9005 A00-E6	234431	13173821 13173932 13173990	0.600	pcs	1	0.600
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Handle PZ/IE H 					RAL 9016 RAL 9005 A00-E6	185179	13172421 13175332 13172490	1.165	pcs	1	1.165
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Internal handle without cylinder hole 					RAL 9016 RAL 9005 A00-E2	128HS1	13108721 13108732 131092802	0.531 0.531 0.550	pcs	1	0.531 0.531 0.550
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Internal handle with cylinder hole 					RAL 9016 RAL 9005 A00-E2	128HS2	13108821 13108832 131093802	0.531 0.531 0.550	pcs	1	0.531 0.531 0.550
HS120	HS200	HS270	HS420	S270							
	●	●	●								
External handle with cylinder hole 					RAL 9016 RAL 9005 A00-E2	128HS3	13108921 13108932 131094802	0.697 0.697 0.714	pcs	1	0.697 0.697 0.714
HS120	HS200	HS270	HS420	S270							
	●	●	●								

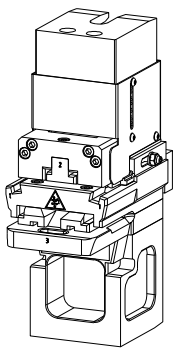
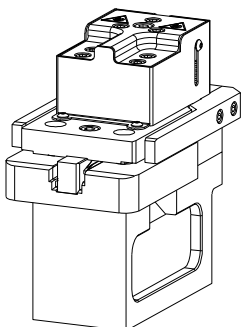
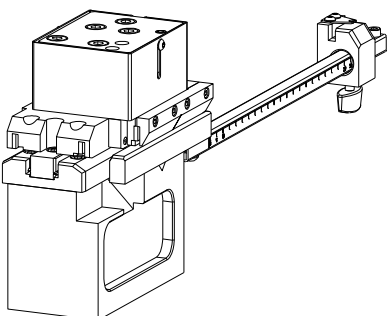
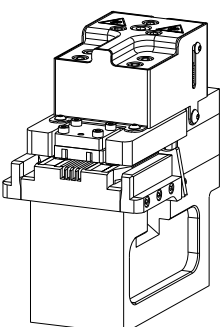
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
External flush pull handle 					RAL 9016 RAL 9005 A00-E2	129HS	13109021 13109032 131095802	0.259 0.259 0.202	pcs	1	0.259 0.259 0.202
HS120	HS200	HS270	HS420	S270							
	●	●	●								
INVISO hook with strike plate 					-	305427 305428	13373300 13373400	0.184 0.294	pcs	1 2	0.184 0.294
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Locking bolt with positioning 103 S+ 					-	214401	13373500	0.025	pcs	1	0.025
HS120	HS200	HS270	HS420	S270							
●	●	●	●	●							
Locking bolt with positioning and microventilation 103 S+ 					-	214404	13373600	0.028	pcs	1	0.028
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Double casement profile hook set 					-	486335	13373700	0.057	pcs	1	0.057
HS120	HS200	HS270	HS420	S270							
●	●	●	●	●							
Double casement profile hook set with microventilation 					-	486336	13373800	0.061	pcs	1	0.061
HS120	HS200	HS270	HS420	S270							
●	●	●	●								

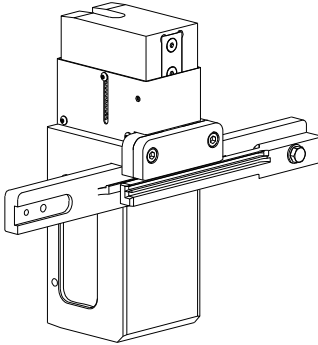
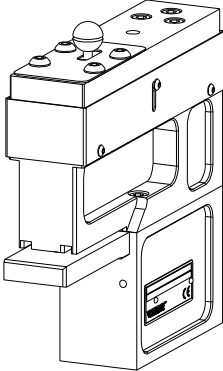
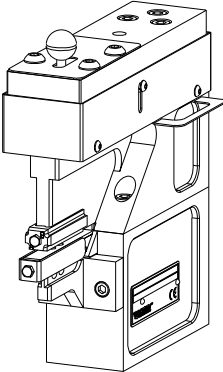
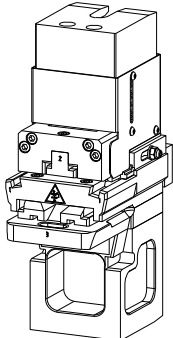
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Bottom locking point 					-	186934	13272900	0.035	pcs	1	0.035
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Spacer support 7.5mm 					-	196433	13278000	0.009	pcs	1	0.009
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Handle fastening kit 					-	225496	13179700	0.010	pcs	1	0.010
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Fastening kit 					-	189490	13274100	0.037	pcs	1	0.037
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Fastening kit 					-	486313	13374100	0.103	pcs	1	0.103
HS120	HS200	HS270	HS420	S270							
●	●	●	●	●							
Stop 					RAL 9016 RAL 9005 RAL 9006	187480	13173621 13173632 13276200	0.078	pcs	1	0.078
HS120	HS200	HS270	HS420	S270							
●	●	●	●	●							
Comfort Close mechanism ≤ 200 kg 					RAL 9005	304388	13374232	0.658	pcs	1	0.658
HS120	HS200	HS270	HS420	S270							
●	●										

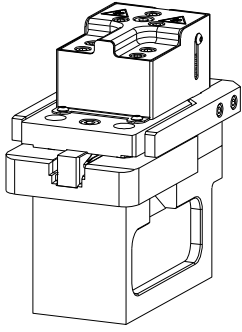
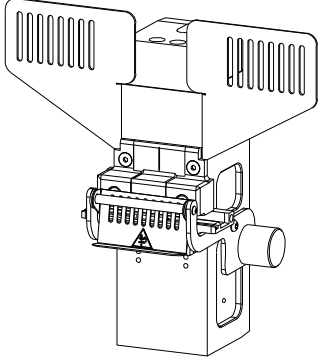
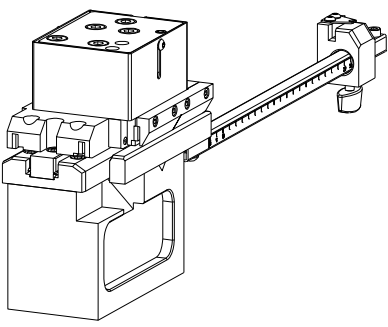
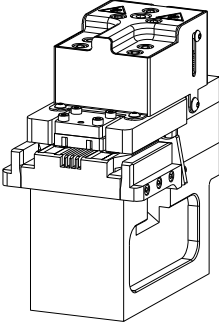
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Comfort Close mechanism 200-300 kg 					RAL 9006	304389	13374331	0.658	pcs	1	0.658
HS120	HS200	HS270	HS420	S270							
		●	●								
Mounting kit for Comfort Close mechanism 					-	485598	13374400	0.111	pcs	1	0.111
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Mounting kit for Comfort Close Slim Line mechanism 					-	486334	13374500	0.055	pcs	1	0.055
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Bracket for Comfort Close mechanism 					-	AYPC SL130.1706	13657400	0.047	pcs	1	0.050
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Locking bolt for Comfort Close mechanism 					-	305134	13278500	0.090	pcs	1	0.090
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Decorative cover plate 					RAL 9006	304816	13274931	0.003	pcs	1	0.003
HS120	HS200	HS270	HS420	S270							
●	●	●	●								
Microlift <200 kg 					-	239654	13171800	0.082	pcs	1	0.082
HS120	HS200	HS270	HS420	S270							
	●										

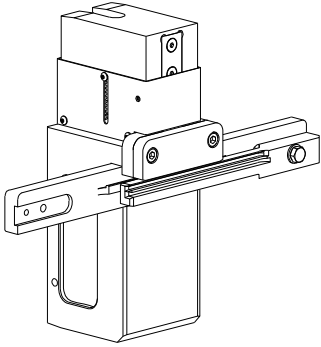
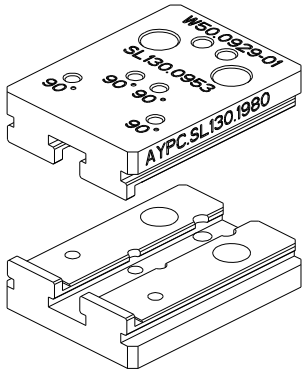
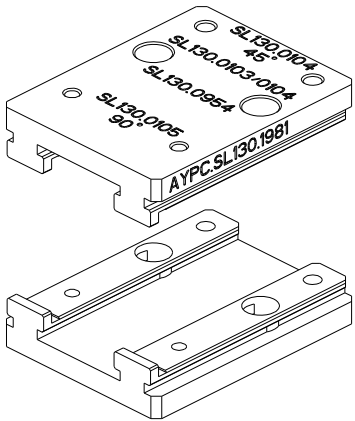
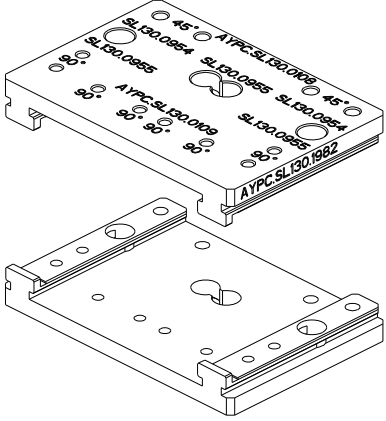
Name, drawing					Colour	Article	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Microlift >200 kg 					-	239657	13173100	0.089	pcs	1	0.089
HS120	HS200	HS270	HS420	S270							
		●	●								
Gas lift 					-	247164	13174700	0.097	pcs	1	0.097
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Cylinder 40/10 					-	DBCY-40/10	13105600	0.16	pcs	1	0.17
HS120	HS200	HS270	HS420	S270							
				●							
Cylinder 40/40 					-	DBCY-40/40	13105200	0.25	pcs	1	0.26
HS120	HS200	HS270	HS420	S270							
				●							
Cylinder 45/10 					-	5304.00	13118600	0.254	pcs	1	0.3
HS120	HS200	HS270	HS420	S270							
	●	●	●								
Cylinder 45/45 					-	5066.00	13117600	0.15	pcs	1	0.16
HS120	HS200	HS270	HS420	S270							
	●	●	●								

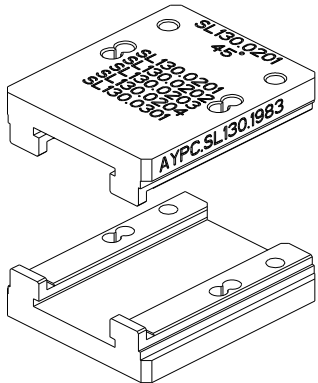
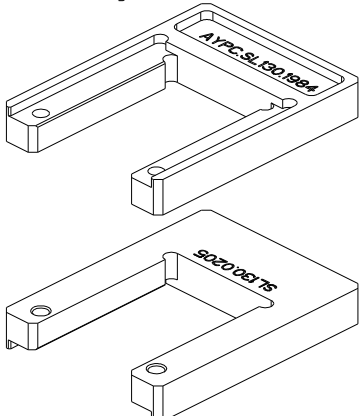
Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Universal punching tool 2990021 	-	18516000	137.0	pcs	1	146.0
Cassette tool 4110026 	-	18558600	4.5	pcs	1	5.0
Cassette tool 4110027 	-	18558700	4.5	pcs	1	5.0
Cassette tool 4110028 	-	18558800	5.0	pcs	1	5.5

Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Cassette tool 4110029 	-	18558900	5.5	pcs	1	6.0
Cassette tool 4110030 	-	18559000	5.5	pcs	1	6.0
Cassette tool 4110031 	-	18559100	7.5	pcs	1	8.0
Cassette tool 4110032 	-	18559200	10.0	pcs	1	10.5

Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Cassette tool 4110033 	-	18559300	10.0	pcs	1	10.5
Cassette tool 4110034 	-	18559400	11.5	pcs	1	12.0
Cassette tool 4110035 	-	18559500	11.5	pcs	1	12.0
Cassette tool 4110037 	-	18559600	12.5	pcs	1	13.0

Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Cassette tool 4110038 	-	18559700	7.5	pcs	1	8.0
Cassette tool 4110039 	-	18559800	10.0	pcs	1	10.5
Cassette tool 4110040 	-	18559900	8.0	pcs	1	8.5
Cassette tool 4110041 	-	18560000	11.5	pcs	1	12.0

Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Cassette tool 4.110042 	-	18560100	9.0	pcs	1	9.5
Jig AYPCLSL130.1980 	-	18541200	0.23	pcs	1	0.4
Jig AYPCLSL130.1981 	-	18541300	0.23	pcs	1	0.4
Jig AYPCLSL130.1982 	-	18541400	0.47	pcs	1	0.6

Name, article, drawing	Colour	Code	Weight, kg	Measure unit	Quantity in pack	Gross pack weight, kg
Jig AYPC SL130.1983 	-	1854.1500	0.23	pcs	1	0.4
Jig AYPC SL130.1984 	-	1854.1600	0.25	pcs	1	0.4

Article, Product name, Drawing	Colour	Code	Weight, kg	Volume, ml	Unit	Quantity in pack	Gross pack weight, kg	Application
One-component adhesive COSMO PU-100.130/0.31 	–	18609100	0.470	310 ml	pcs	1	0.560	Filling of corner connections of aluminium profiles, applied through cleats. The adhesive cures by reacting with moisture in the air.
Two-component adhesive COSMO PU-200.280/0.62 	–	18609200	0.900	2x310 ml	pcs	1	1.050	Filling of corner connections of aluminium profiles, applied through cleats. The adhesive cures by chemical reaction of components.
Manual mechanical dispensing gun COSMO SP-760.151 	–	18605200	1.380	–	pcs	1	1.780	Dosing of two-component adhesive COSMO PU-200.280
Cap COSMO SP-800.230 	–	18605300	0.011	–	pcs	1	0.013	For two-component adhesive COSMO PU-200.280
Surface cleaner COSMO CL-300.150/1 	–	18609300	0.710	1000 ml	pcs	1	0.736	Removal of PU glues from the painted profile surfaces (in the corner joint after crimping and fixing with dowels), removal of silicone from gaskets, cleaning of sealed surfaces.
Surface activator COSMO CL-310.110/0.25 	–	18609400	0.200	250 ml	pcs	1	0.278	Surface priming (PVC profiles, paint coated aluminium, etc.) before application of COSMO HD-100.412 (black) sealant. Improves adhesion on substrates difficult to bond (oil-based plastics, polyamide, smooth paints, etc.)

Article, Product name, Drawing	Colour	Code	Weight, kg	Volume, ml	Unit	Quantity in pack	Gross pack weight, kg	Application
Anti-corrosion sealant COSMO HD-100.411/0.31 	Grey	18609500	0.440	310 ml	pcs	1	0.525	Protection of aluminium profile edges against crevice corrosion. Acts as a sealant and prevents water seeping inside the profile through the joint.
Rubber sealant COSMO HD-100.412/0.31 	Black	18609800	0.440	310 ml	pcs	1	0.525	Bonding of rubber gaskets, sealing of profile joints, of drip drain and plug joints, etc. On painted profiles, apply COSMO CL-310.110 before the sealant.
Cyanoacrylate glue CA-500.200/0.02 	-	18609600	0.020	20 ml	pcs	1	0.032	Fast bonding of EPDM rubber gaskets (PE bottle with an applicator)
Primer for bonding TPE rubber and plastics COSMO SP-840.110/0.05 	-	18609700	0.035	50 ml	pcs	1	0.107	Primer for surfaces that are difficult to bond.



Read the manufacturer's instructions before using chemicals.



ALUTECH SL130
Patio systems

MAIN PROFILE CHARACTERISTICS

01

02

03

04

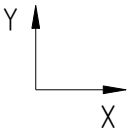
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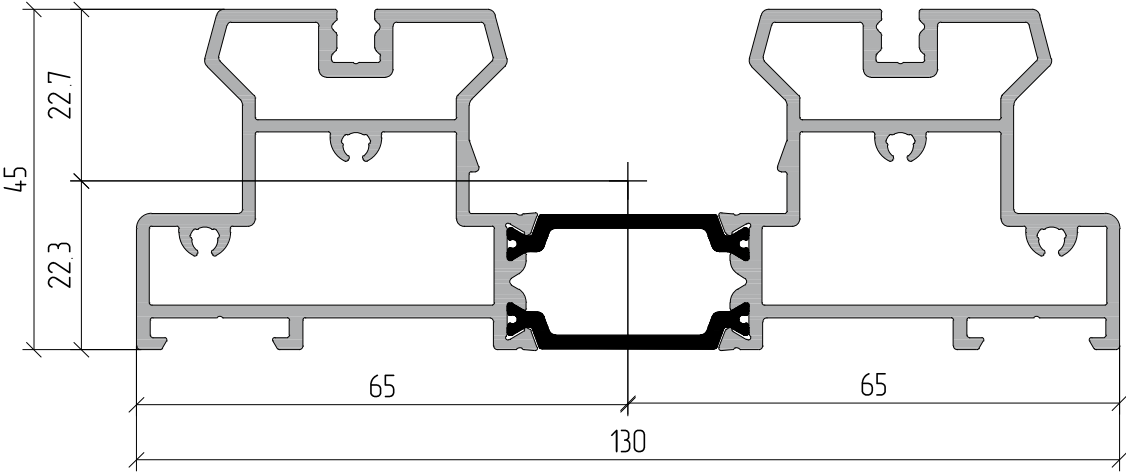
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08

09



Frame profile
AYPC.SL130.0101

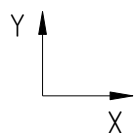
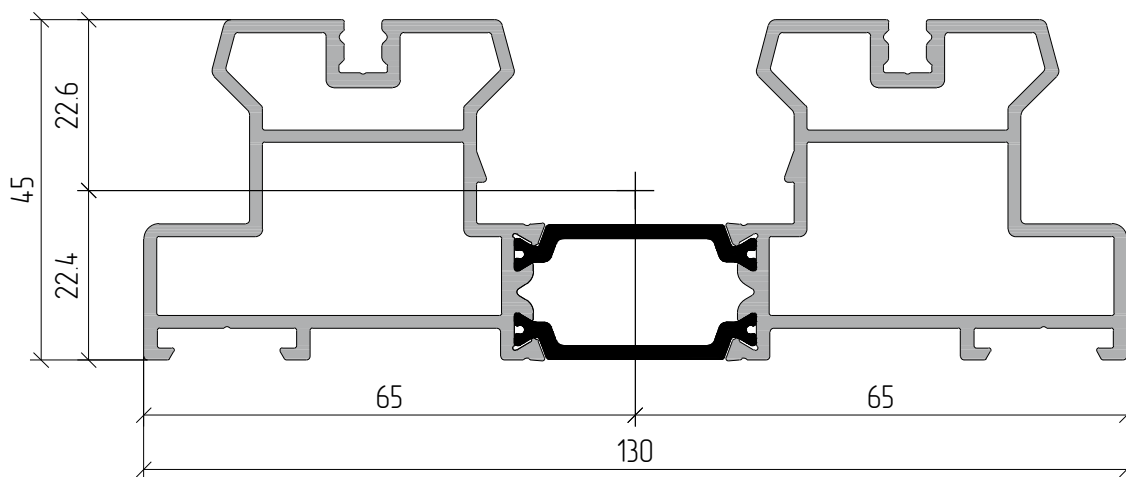


			Article	
			3,9x25-A2IS014585	100
			AYPC.SL130.0981	100
			* AYPCL130.0943, AYPC.SL130.0944, AYPC.SL130.0947	4 4 6
			AYPC.SL130.0953	2

Note:

* Can be installed only on the side of the bottom horizontal frame.

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0101	2.74	1084.29	20.2	8.90	22.7	116.9	17.98	65

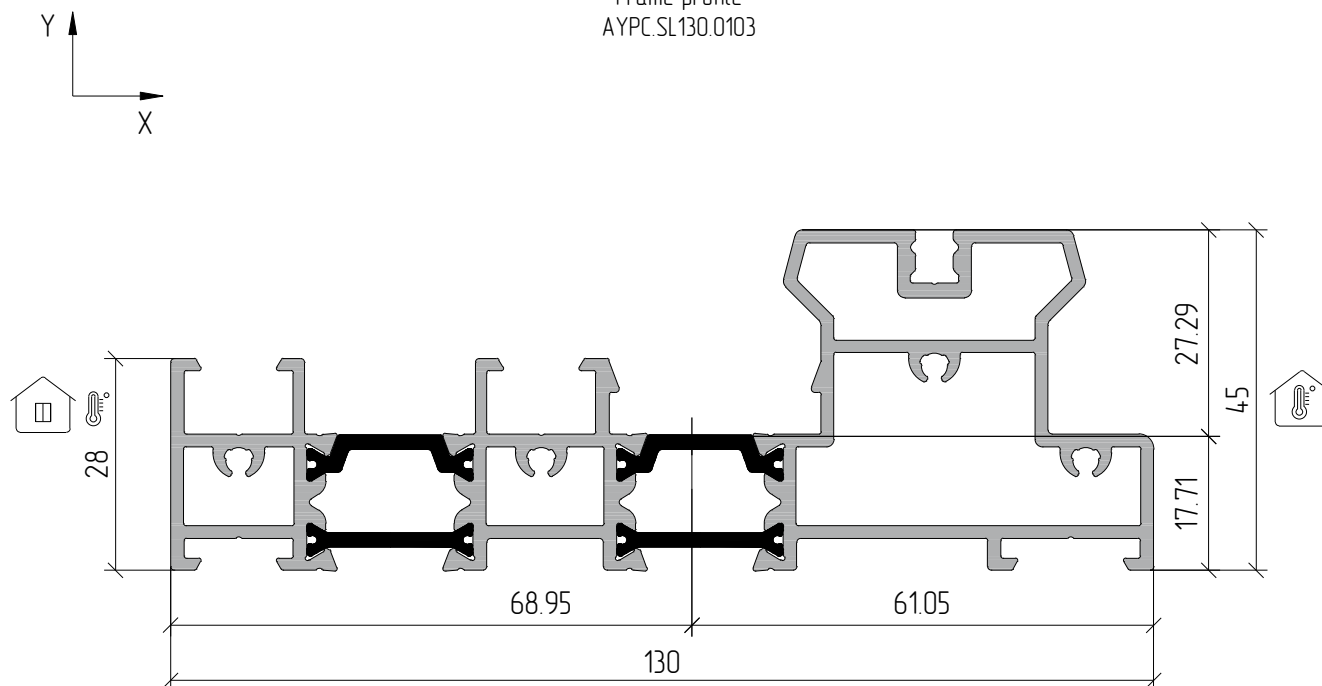

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		AYPC.W50.0929-01	80
		5x10DIN6325D	100
		* AYPC.SL130.0943, AYPC.SL130.0944, AYPC.SL130.0946	4 4 6
		AYPC.SL130.0953	2

Note:

* Can be installed only on the side of the bottom horizontal frame.

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0102	2.64	1033.29	20.0	8.85	22.6	108.7	16.72	65

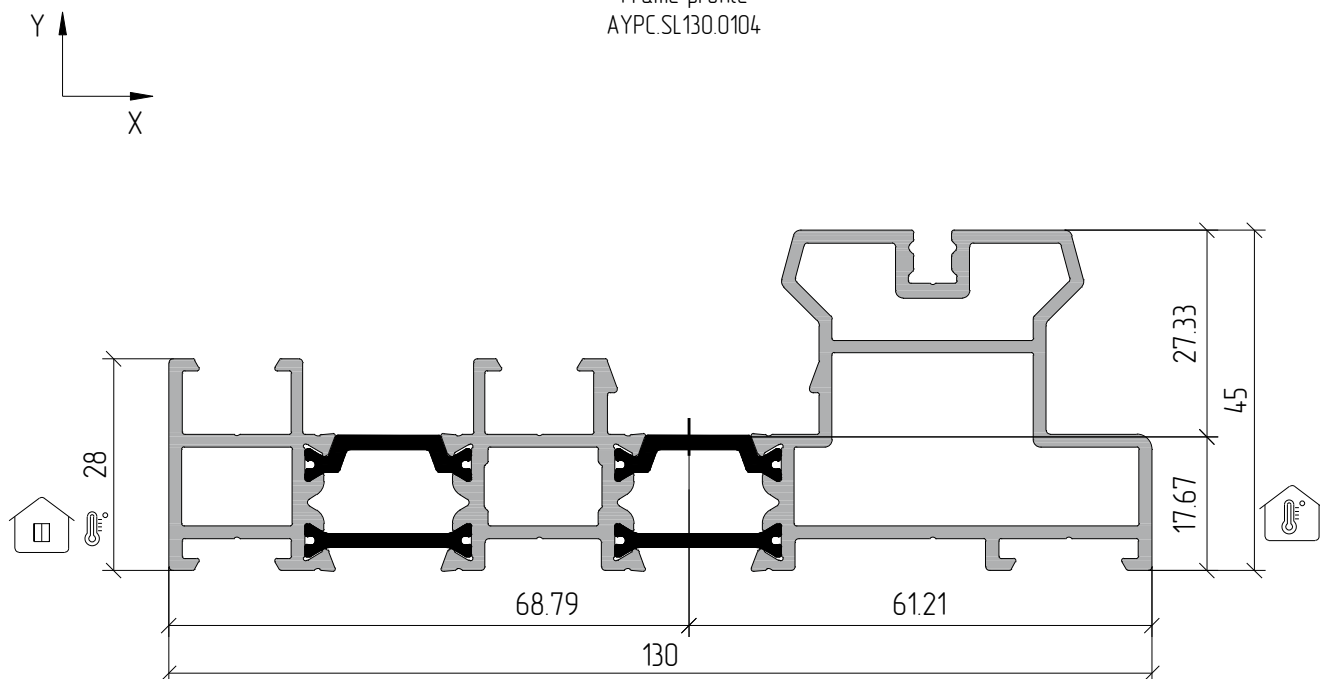
Frame profile
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		AYPC.SL130.0982, AYPC.SL130.0982-01	100
		* AYPC.SL130.0943, AYPC.SL130.0944, AYPC.SL130.0945	4 4 6
		AYPC.SL130.0953, AYPC.SL130.0954	2 2

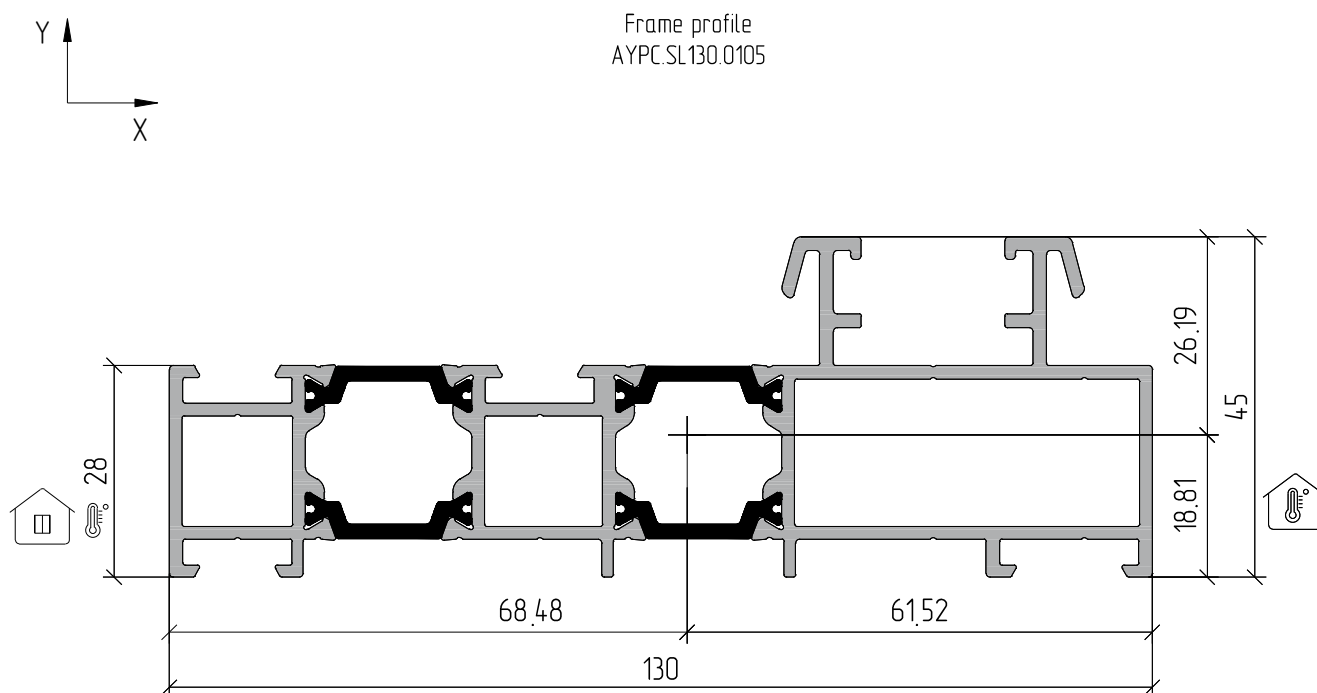
Note:

*Can be installed only on the side of the bottom horizontal frame.

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AYPC.SL130.0103	2.68	1091.93	14.7	5.39	27.29	107.2	15.55	68.95

Frame profile
 AYPC.SL130.0104


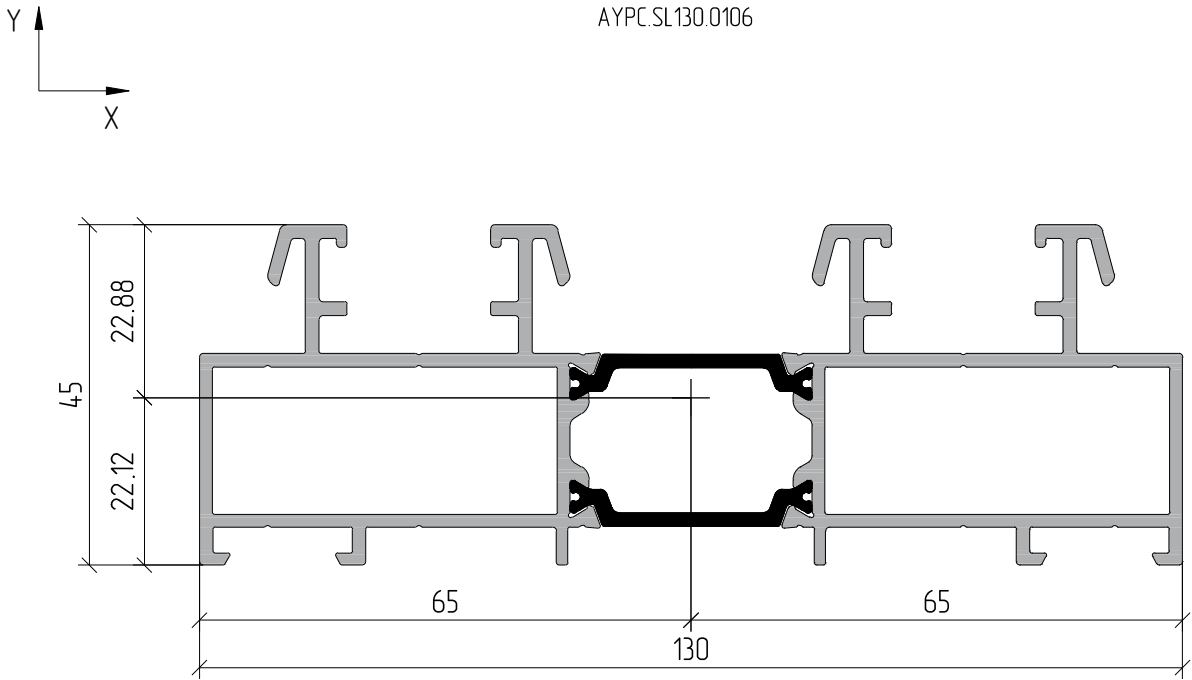
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		 	AYPC.W50.0929-01	80
		5x10DIN6325D	100	
		* AYPC.SL130.0943, AYPC.SL130.0944, AYPC.SL130.0945	4 4 4	
				
				
				
				
				
				
		AYPC.SL130.0953, AYPC.SL130.0954	2 2	



		Article	

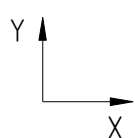
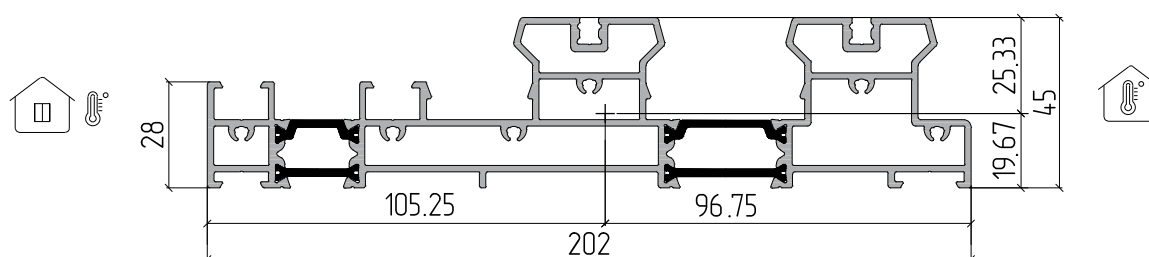
Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0105	2.49	1030.05	118	4.51	26.19	100.4	14.66	68.48

Frame profile
AYPC.SL130.0106



			Article	
		 		
				
				
				
				
				
				
				
				
				
				
				
				

1 : 2

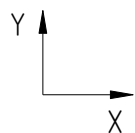

 Frame profile
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		AYPC.SL130.0983, AYPC.SL130.0983-01	100
		* AYPC.SL130.0943, AYPC.SL130.0944, AYPC.SL130.0945, AYPC.SL130.0946	4
			4
		AYPC.SL130.0953, AYPC.SL130.0954, AYPC.SL130.0955	2
			2
			2

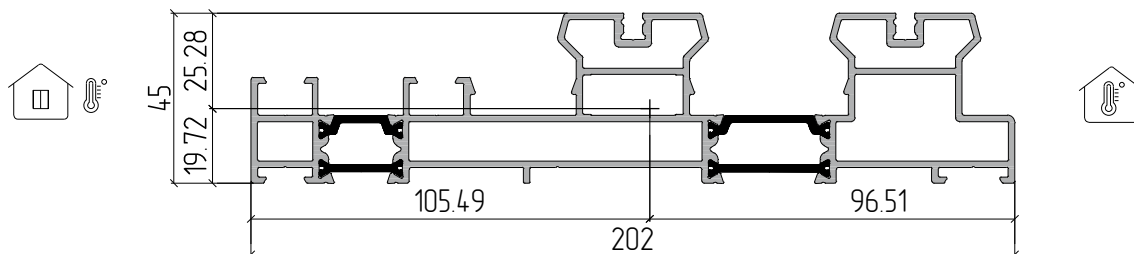
Note:

*Can be installed only on the side of the bottom horizontal frame.

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0107	4.04	1611.17	24.6	9.71	25.33	369.8	35.14	105.25

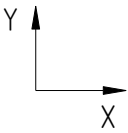

 Frame profile
 AYPC.SL130.0108

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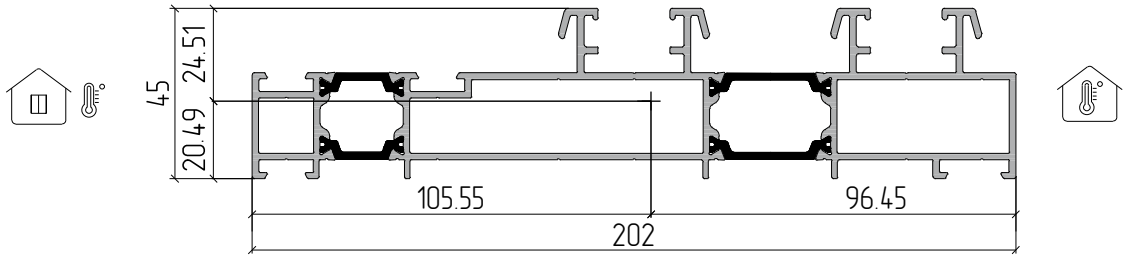


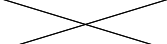
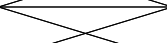
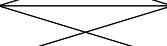
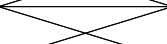
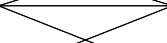
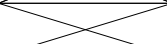
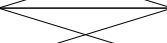
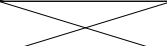
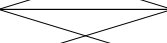
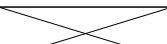
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			AYPC.W50.0929-01	51
			5x10DIN6325D	100
			* AYPC.SL130.0943, AYPC.SL130.0944, AYPC.SL130.0945, AYPC.SL130.0946	4 4 4 6

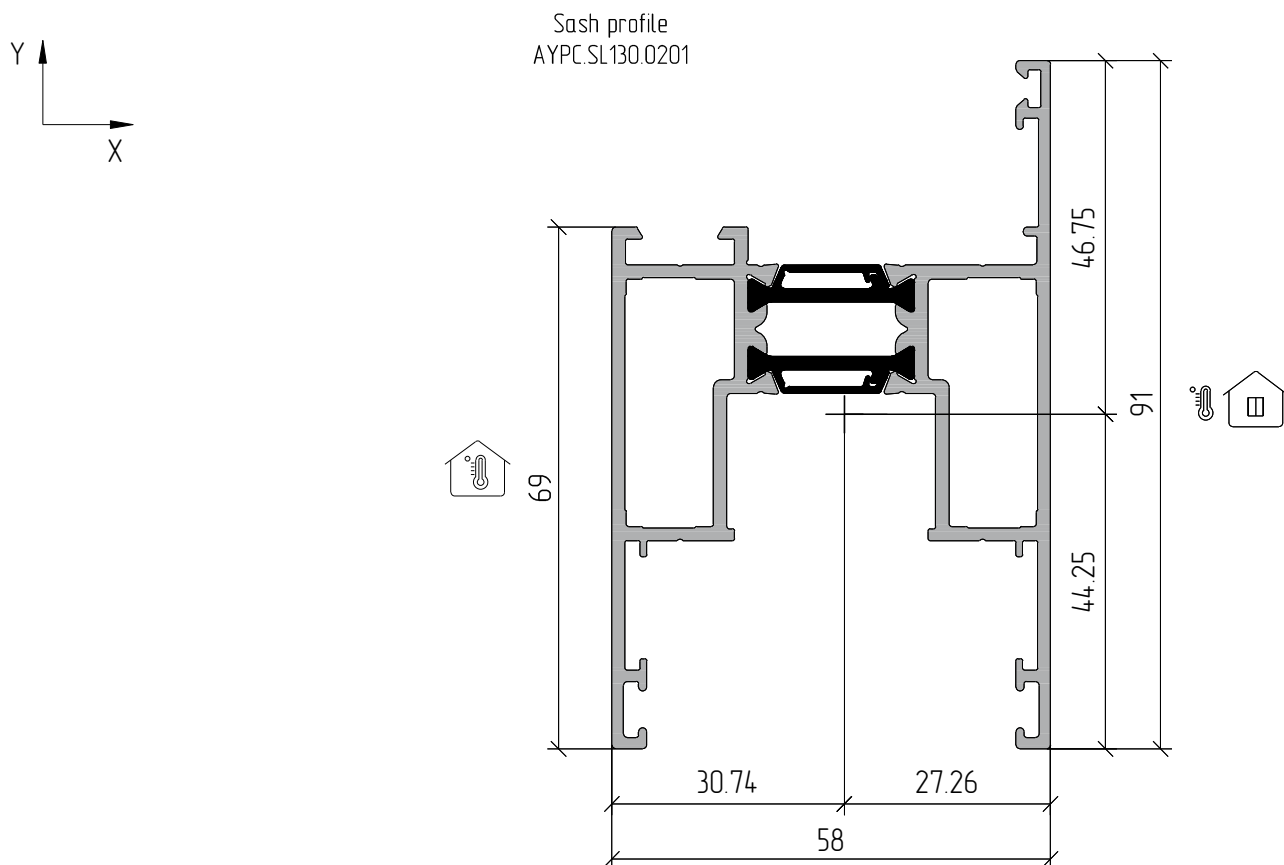
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Frame profile
AYPC.SL130.0109



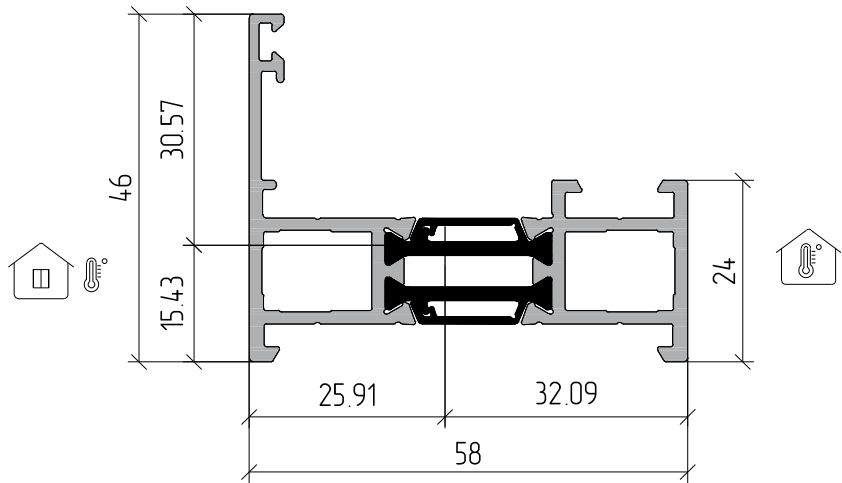
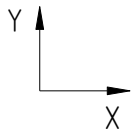
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			Article	
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			AYPC.W62.0912	120
			AYPC.SL130.0918	120
			AYPC.SL130.0950-02	65
			AYPC.SL130.0947	20
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			AYPC.W62.0913, AYPC.W62.0914	120
			AYPC.SL130.0947	20

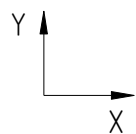
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Sash profile
AYPC.SL130.0202

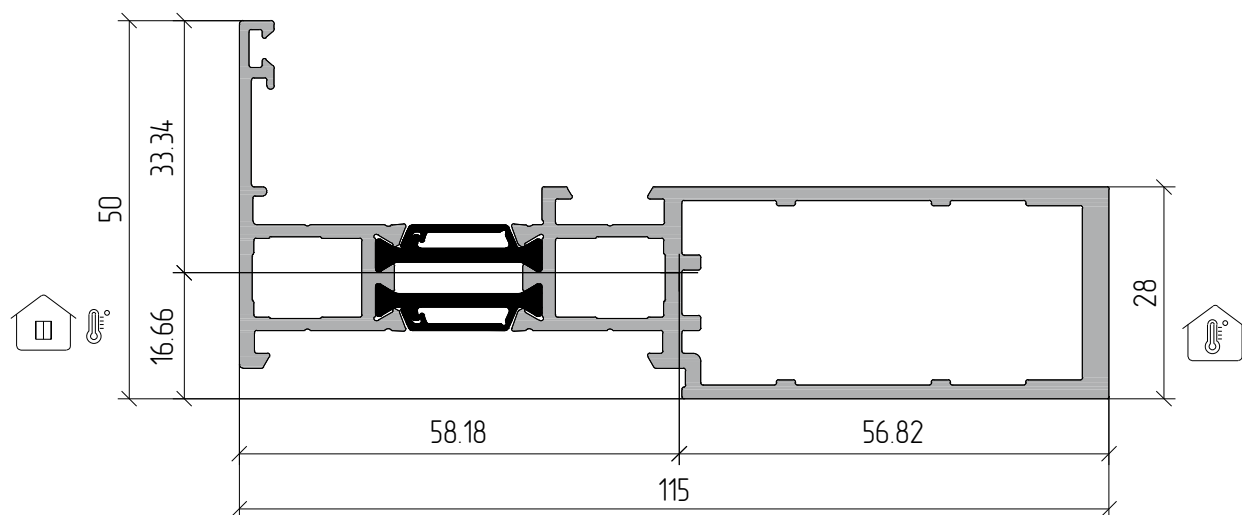


			Article	
			AYPC.SL130.0950	130
			AYPC.SL130.0946	20

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0202	1.09	480.63	3.7	1.21	30.57	12.1	3.77	32.09

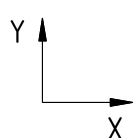
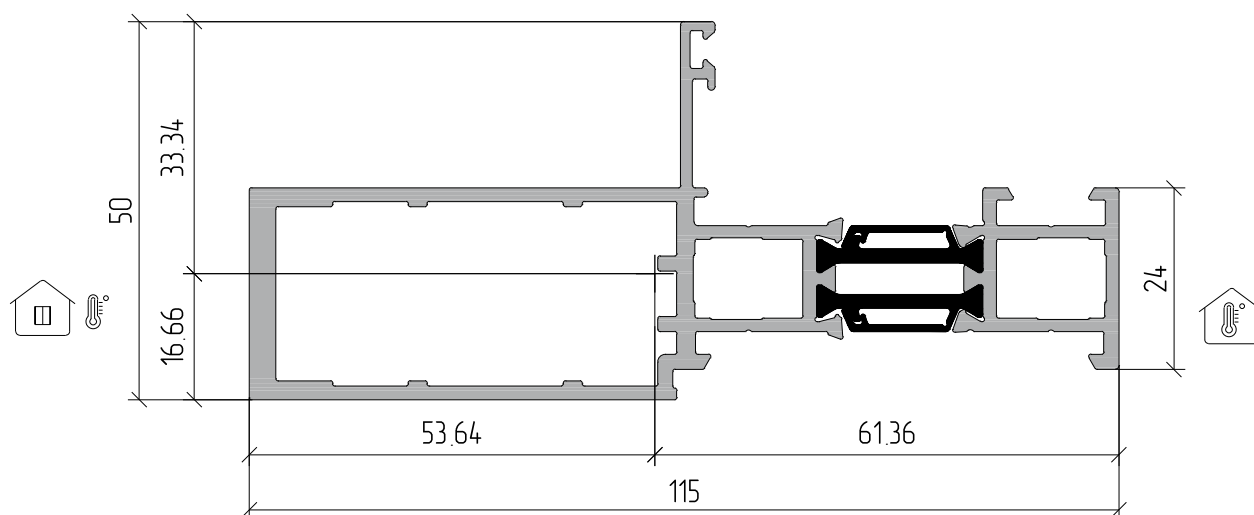


Sash profile
AYPC.SL130.0203



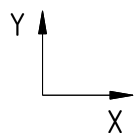
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			AYPC.SL130.0950	130
			AYPC.SL130.0946	20

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0203	2.01	818.13	8.6	2.58	33.34	77.5	13.32	58.18

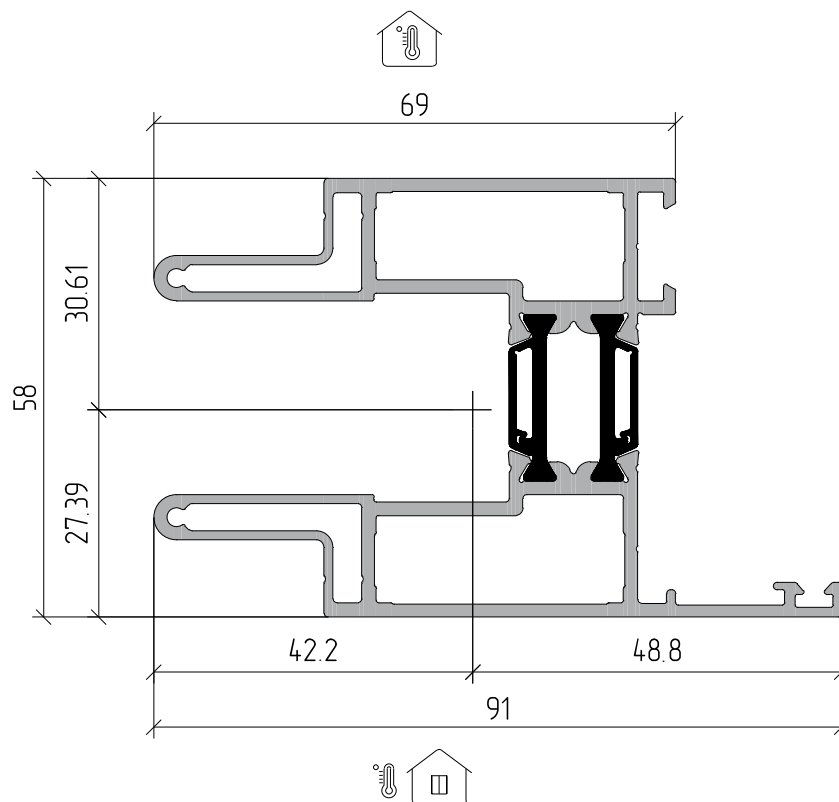

 Sash profile
 AYPC.SL130.0204


			Article	
			AYPC.SL130.0950	65
			AYPC.SL130.0946	20

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0204	2.01	817.01	8.6	2.58	33.34	67.5	1100	6136

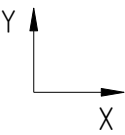


Sash profile
AYPC.SL130.0205

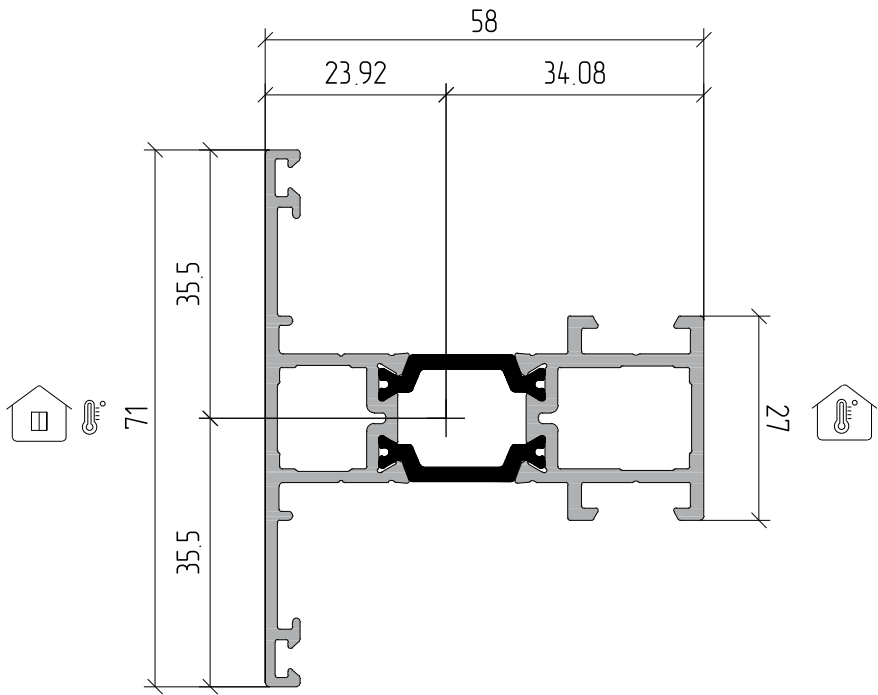


		Article	
		AYPC.SL130.0951	96
		5x10DIN6325D	100
		AYPC.W62.0912	120

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0205	2.09	803.14	212	6.93	30.61	313	6.41	48.80

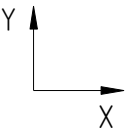


Transom profile
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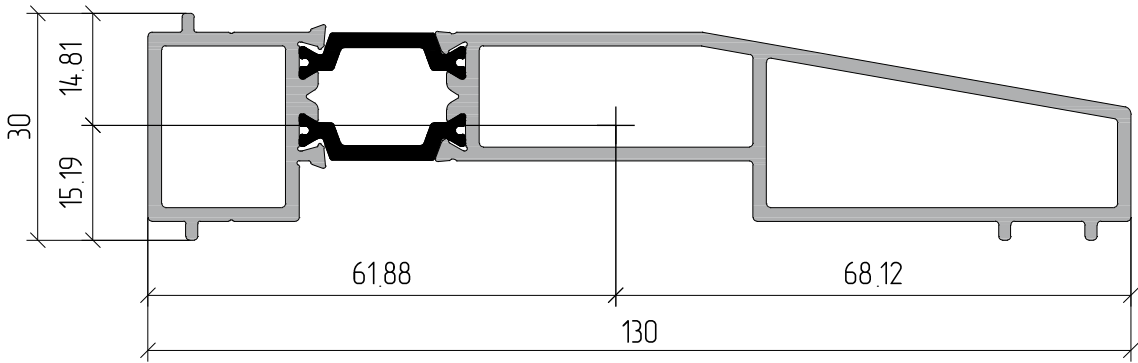


		Article	
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		AYPC.SL130.0946	20
		AYPC.W62.0913, AYPC.W62.0914	120, 20

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0301	129	532.23	8.4	2.37	35.5	14.6	4.28	34.08

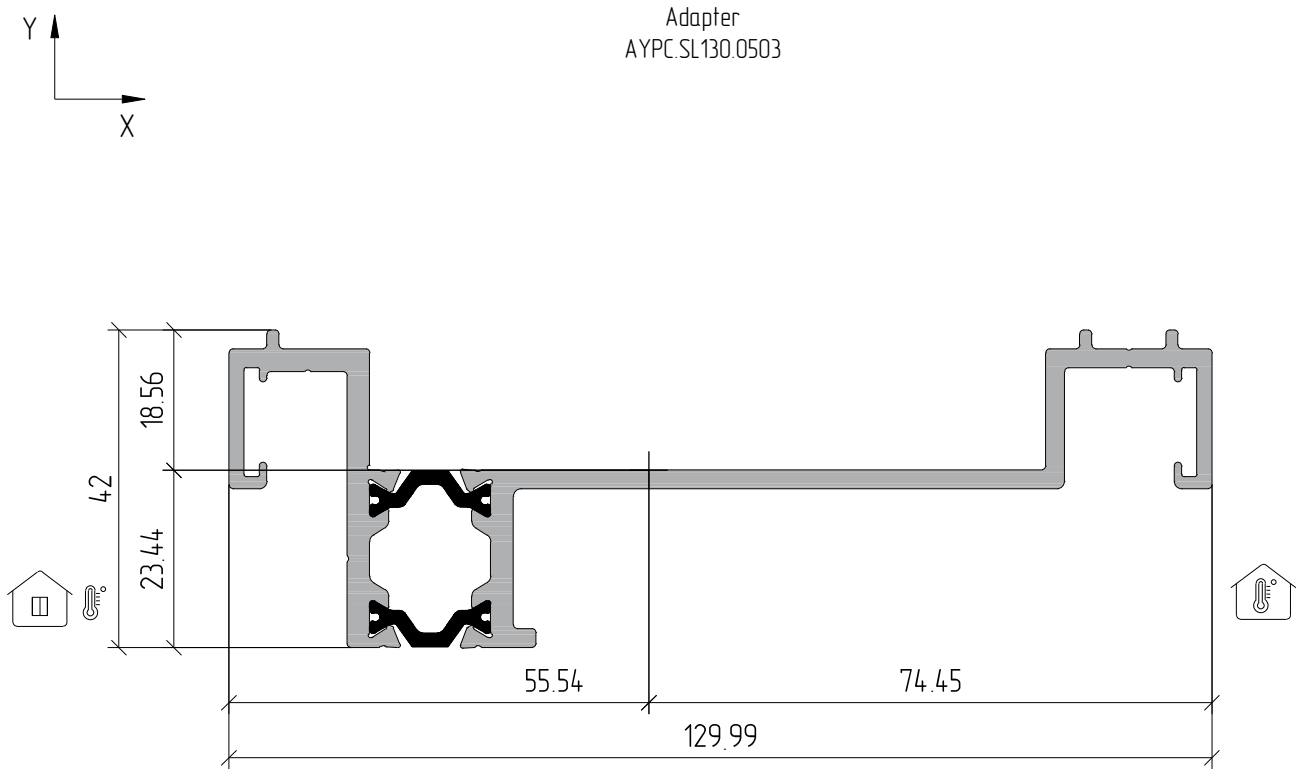


Adapter
AYPC.SL130.0502



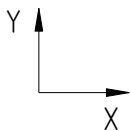
			Article	
				
				
				
				
				
				
				
				
				
				
			3.9x13-A2ISO14585	100

Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0502	184	725.97	4.6	3.03	15.19	76.6	1123	68.19

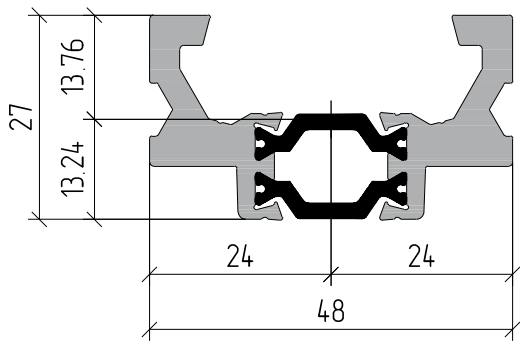


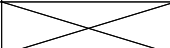
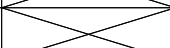
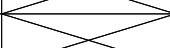
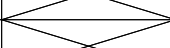
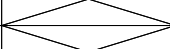
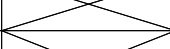
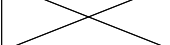
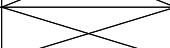
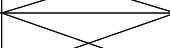
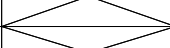
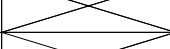
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			AYPC.W62.0957	200
			3.9x13-A2ISO14585	100
				
				
				
				
				
				
				
			3.9x13-A2ISO14585	100

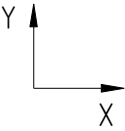
Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0503	189	736.98	7.65	3.26	23.44	89.06	1196	74.45



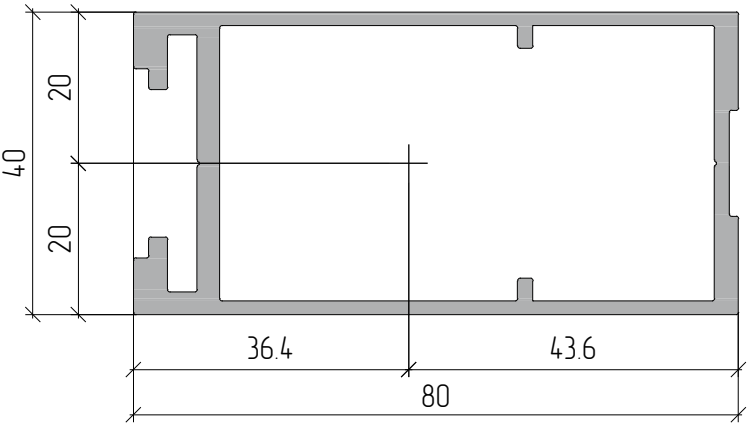
Reinforcing profile
AYPC.SL130.0702



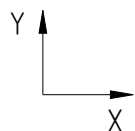
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			3.9x19-A2ISO14586	100



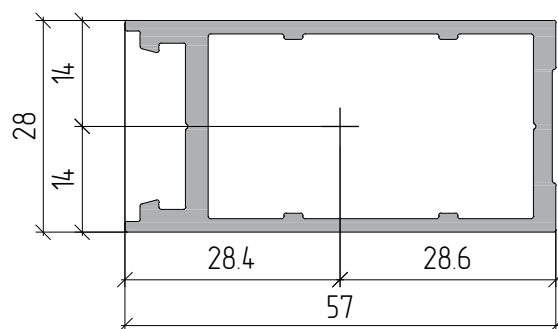
Corner crimping profile
AYPC.SL160.0702



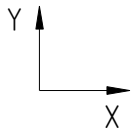
Profile	m, kg/m	S, mm²	Jx, cm⁴	Wx, cm³	ay, mm	Jy, cm⁴	Wy, cm³	ax, mm
AYPC.SL160.0202	157	583.0	112	5.60	20	49.4	1133	43.6



Corner crimping profile
AYPC.SL160.0705

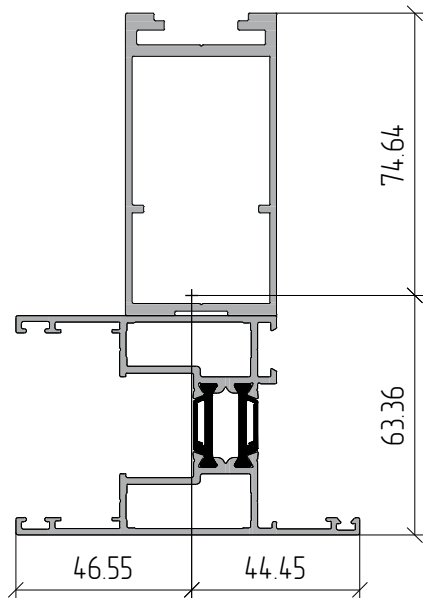


Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL160.0705	0.99	368.56	3.4	4.91	28.6	14.0	10.00	14

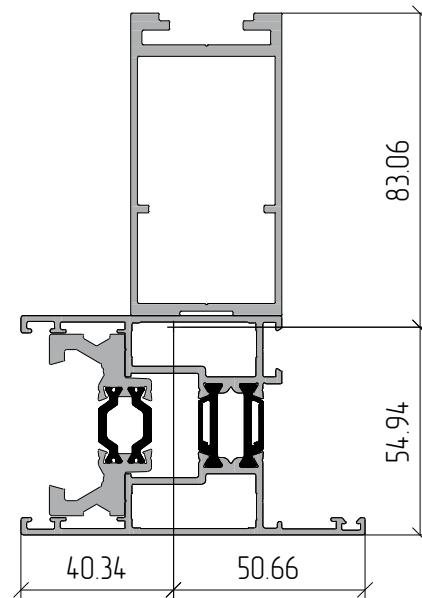


AYPC.SL130.0201 sash profile assembled with
 AYPC.SL160.0702, AYPC.SL130.0702 reinforcing profile

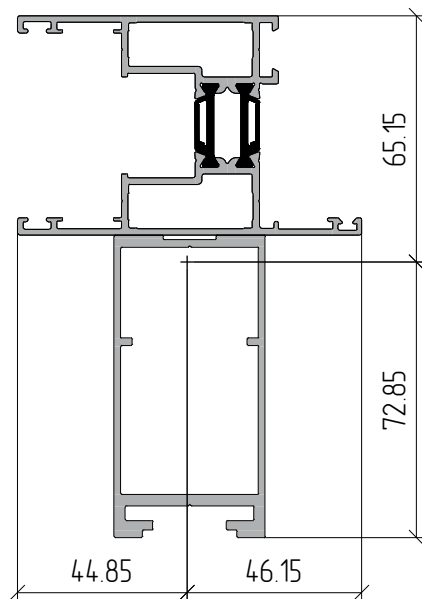
AYPC.SL130.0201 + AYPC.SL160.0702



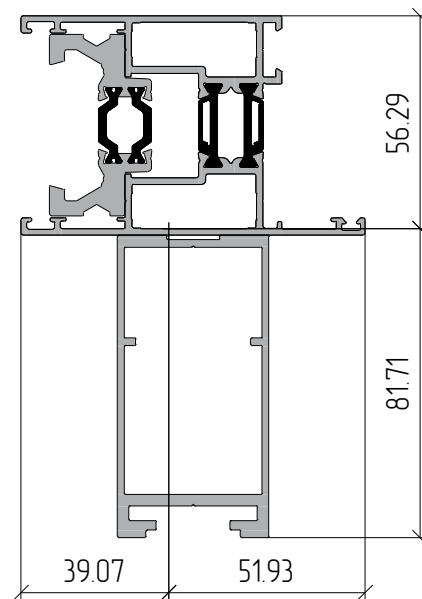
AYPC.SL130.0201 + AYPC.SL160.0702+ AYPC.SL130.0702



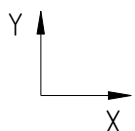
AYPC.SL130.0201 + AYPC.SL160.0702*



AYPC.SL130.0201 + AYPC.SL160.0702*+ AYPC.SL130.0702

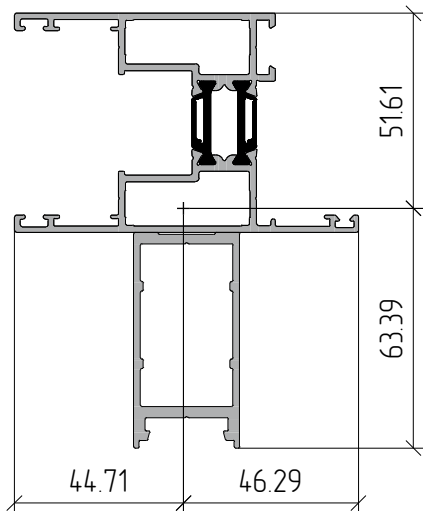


Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0201+ AYPC.SL160.0702	3.40	1200.57	184.9	24.77	74.64	43.4	9.32	46.55
AYPC.SL130.0201+ AYPC.SL160.0702+ AYPC.SL130.0702	4.58	1682.86	220.0	26.49	83.06	64.3	12.69	50.66
AYPC.SL130.0201+ AYPC.SL160.0702*	3.40	1200.57	173.5	23.82	72.85	42.8	9.27	46.15
AYPC.SL130.0201+ AYPC.SL160.0702*+ AYPC.SL130.0702	4.58	1682.86	211.4	25.87	81.71	61.3	11.80	51.93

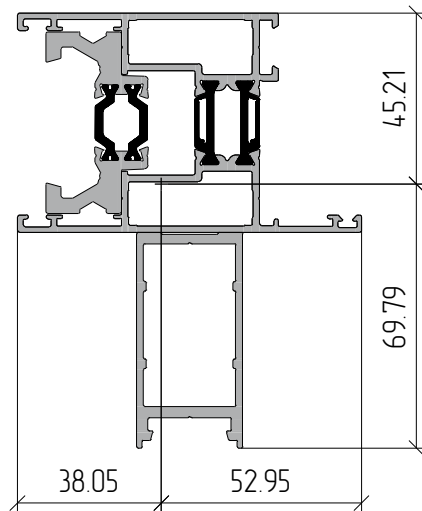


AYPC.SL130.0201 sash profile assembled with
 AYPC.SL160.0705, AYPC.SL130.0702 reinforcing profile

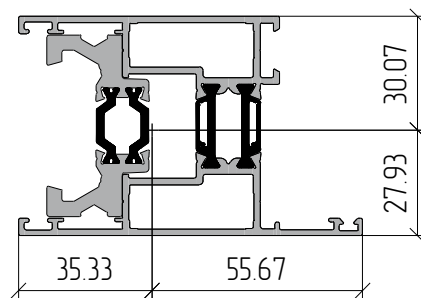
AYPC.SL130.0201 + AYPC.SL160.0705



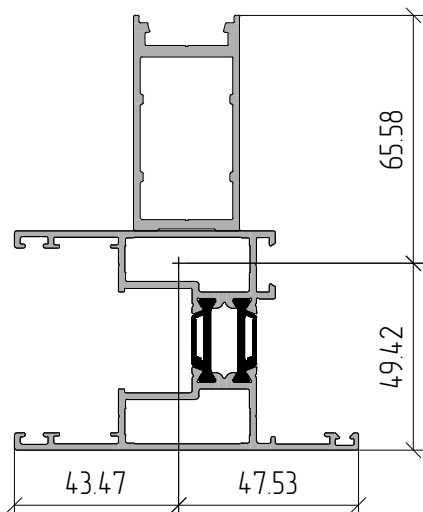
AYPC.SL130.0201 + AYPC.SL160.0705+ AYPC.SL130.0702



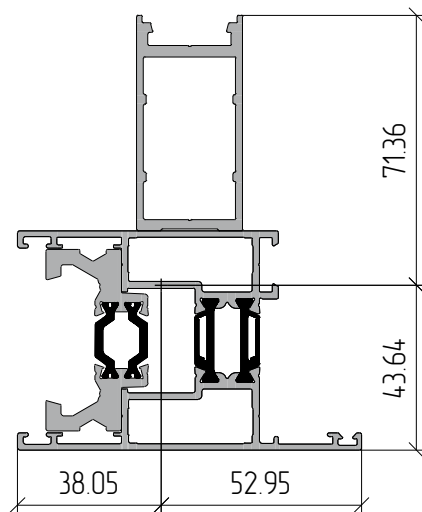
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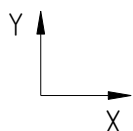
AYPC.SL130.0201 + AYPC.SL160.0705*



AYPC.SL130.0201 + AYPC.SL160.0705* + AYPC.SL130.0702

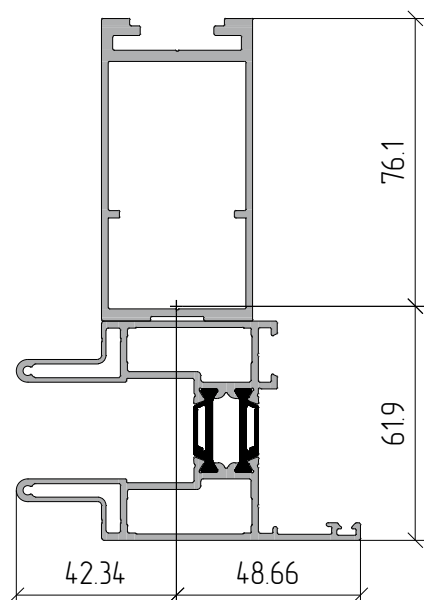


Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0201+ AYPC.SL160.0705	2.78	986.14	88.0	13.88	63.39	32.3	6.98	46.29
AYPC.SL130.0201+ AYPC.SL160.0705+ AYPC.SL130.0702	3.96	1468.43	107.7	15.43	69.79	49.8	9.41	52.95
AYPC.SL130.0201+ AYPC.SL160.0705*	2.78	986.14	95.0	14.49	65.58	32.1	6.83	47.03
AYPC.SL130.0201+ AYPC.SL160.0705*+ AYPC.SL130.0702	3.96	1468.43	112.7	15.79	71.36	49.8	9.41	52.95
AYPC.SL130.0201+ AYPC.SL130.0702	3.01	1232.06	32.7	10.87	30.07	42.4	7.62	55.67

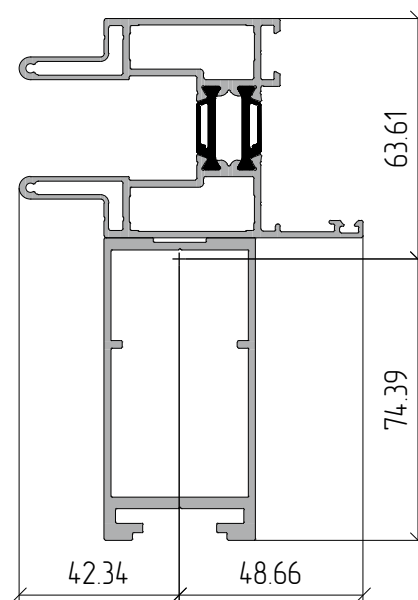


AYPC.SL130.0205 sash profile assembled with
AYPC.SL160.0702, AYPC.SL160.0705 reinforcing profile

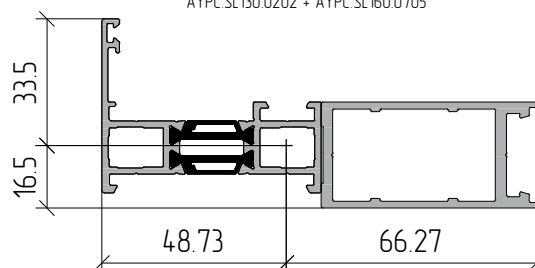
AYPC.SL130.0205 + AYPC.SL160.0702



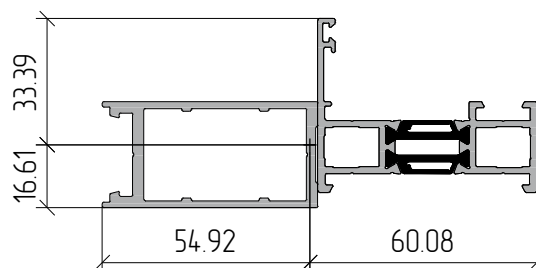
AYPC.SL130.0205 + AYPC.SL160.0702*



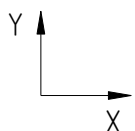
AYPC.SL130.0202 + AYPC.SL160.0705



AYPC.SL130.0202 + AYPC.SL160.0705*

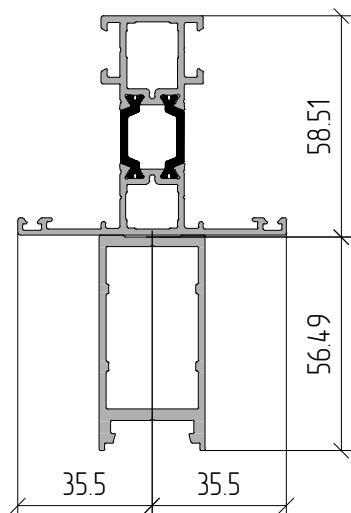


Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0205+ AYPC.SL160.0702	3.08	1253.85	187.0	24.57	76.10	46.3	952	48.66
AYPC.SL130.0205+ AYPC.SL160.0702*			176.1	23.67	74.39	46.3	952	48.66
AYPC.SL130.0202+ AYPC.SL160.0705	2.08	717.0	8.9	2.67	33.39	72.0	10.86	66.27
AYPC.SL130.0202+ AYPC.SL160.0705*			8.8	2.64	33.39	62.4	10.39	60.08

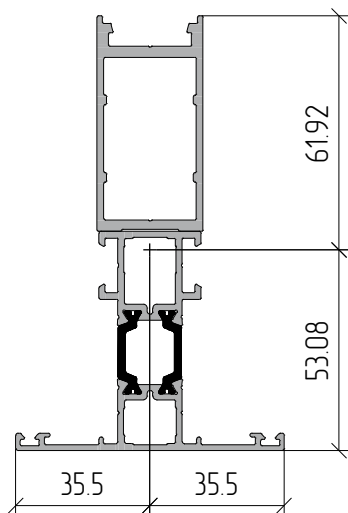


AYPC.SL130.0301 sash profile assembled with AYPC.SL160.0702,
 AYPC.SL160.0705 reinforcing profile

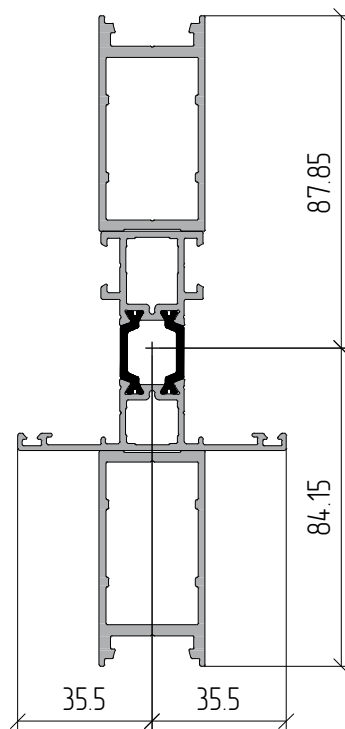
AYPC.SL130.0301 + AYPC.SL160.0705



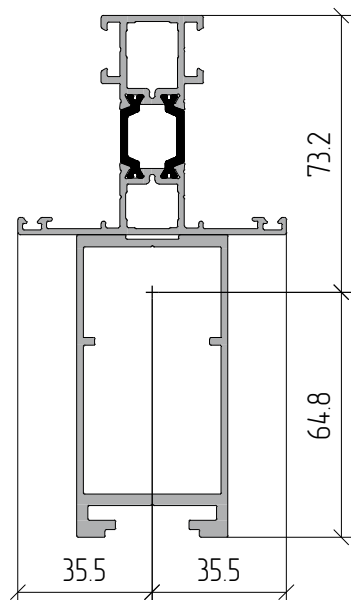
AYPC.SL130.0301 + AYPC.SL160.0705*



AYPC.SL130.0301 + AYPC.SL160.0705+ AYPC.SL160.0705*



AYPC.SL130.0301 + AYPC.SL160.0702



Profile	m, kg/m	S, mm ²	Jx, cm ⁴	Wx, cm ³	ay, mm	Jy, cm ⁴	Wy, cm ³	ax, mm
AYPC.SL130.0301+ AYPC.SL160.0705	2.28	791.82	65.8	11.25	58.51	12.9	3.63	35.5
AYPC.SL130.0301+ AYPC.SL160.0705*			83.1	13.42	61.92	12.9	3.63	35.5
AYPC.SL130.0301+ AYPC.SL160.0705+ AYPC.SL160.0705	3.27	1160.55	219.3	24.96	87.85	17.5	4.93	35.5
AYPC.SL130.0301+ AYPC.SL160.0702	2.86	1006.14	135.5	18.51	73.20	23.4	6.59	35.5



ALUTECH SL130
Patio systems

TABLE OF GLAZING

01

02

03

04

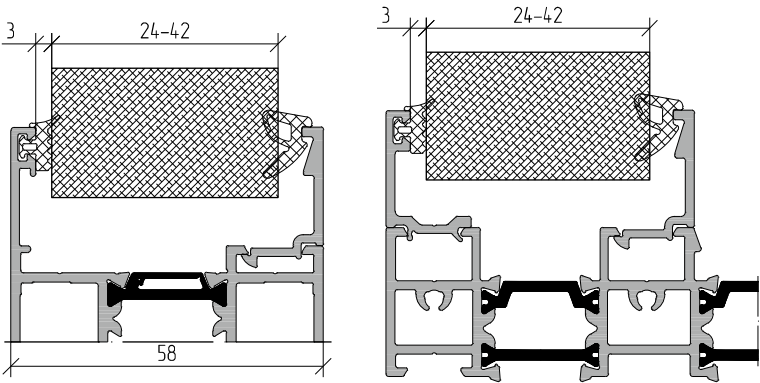
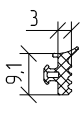
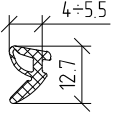
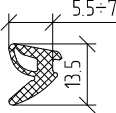
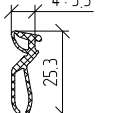
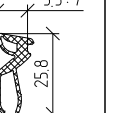
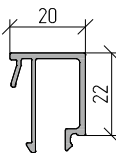
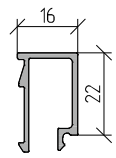
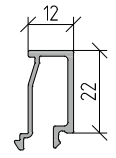
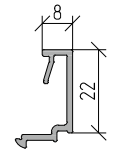
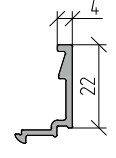
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06

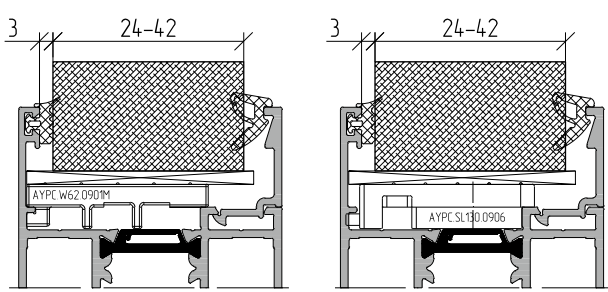
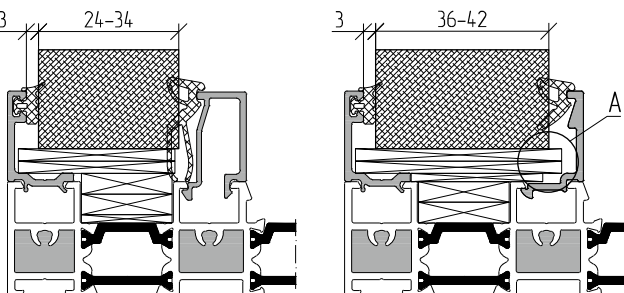
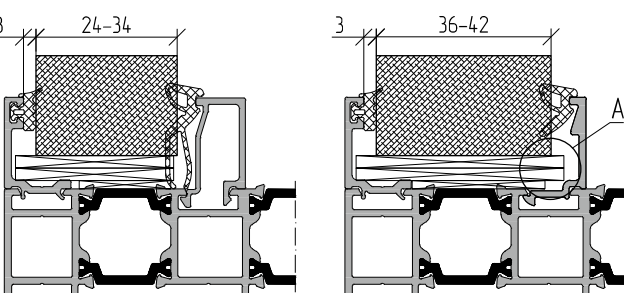
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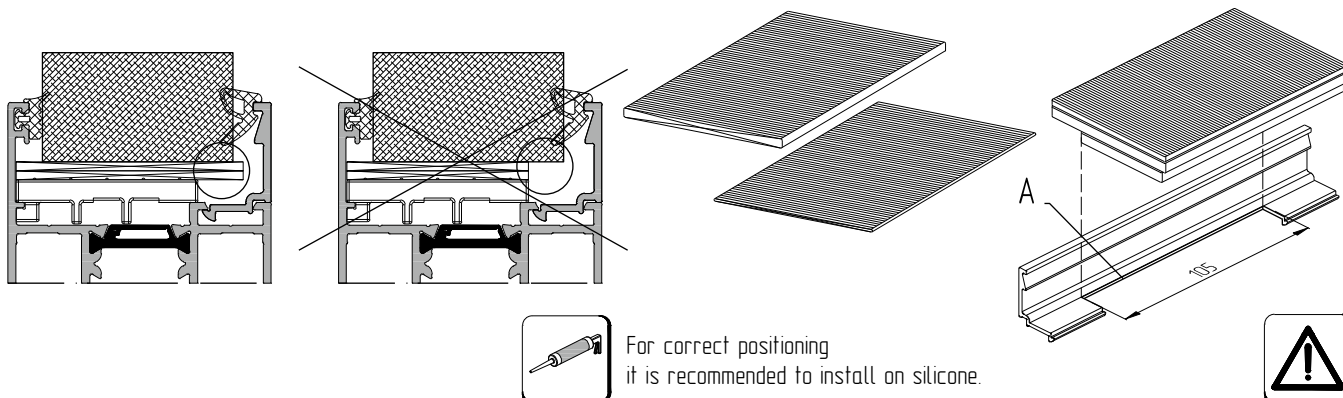
08

09

						Note: Data given in the table is for reference only, the values are suitable for preliminary calculation. In common use, it is necessary to check their validity on the basis of actual parameters, such as accuracy of infill unit manufacturing (tolerance), accuracy of gasket manufacturing (tolerance), conditions of gasket installation and system assemblage, tolerances for glass bead profile and tolerances for assemblage of the combined profile. For correct system operation the gaskets must be tightened.		
Infill unit thickness, mm	External gasket	Internal gasket				Glass beads		
	FRK29-01	FRK191	FRK192	FRK193	FRK194	Glass beads with polymer coating	Glass beads with anodic coating	Burglar resistant glass beads
								
24	•		•		•		X	X
26	•	•		•				
28	•		•		•		X	X
30	•	•		•				
32	•		•		•		X	X
34	•	•		•				
36	•		•		•		X	X
38	•	•		•				
40	•		•		•		X	X
42	•	•		•				

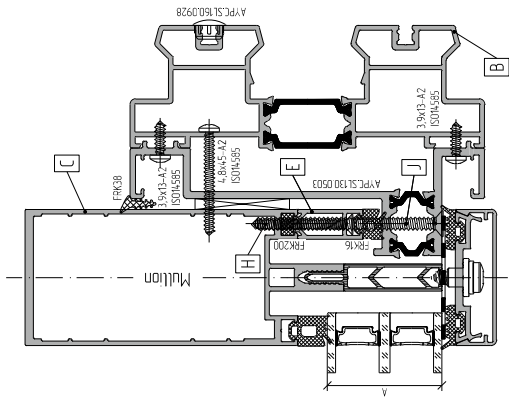
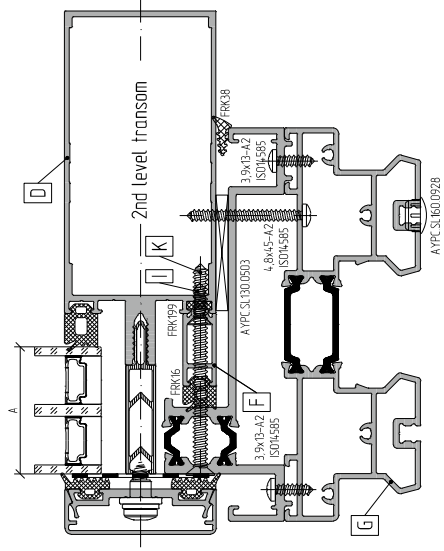
Application table of bearing and leveling supports for infill

Profile system	Infill unit thickness, mm	Bearing support	Leveling support
	24-26	AYPC.W62.0901M or AYPC.SL130.0906	100x32x3
	28-34		100x38x3
	36-38		100x44x3
	40-42		100x50x3
	24-26	-	100x22x2(5) 100x32x3
	28-34		100x22x2(5) 100x38x3
	36-38		100x22x5 100x32x2 100x44x3
	40-42		100x22x5 100x32x2 100x50x3
	24-26	-	100x22x2 100x32x3
	28-34		100x22x2 100x38x3
	36-38		100x32x2 100x44x3
	40-42		100x32x2 100x50x3





Data on AYPC.F50.0701, AYPC.F50.0702, AYPC.F50.0703 and AYPC.F50.0704 auxiliary profiles is provided in ALI F50 technical manual.

ALT SL130 series door unit installation in facade using AYPCL130.0503 adapter profile									
Mullion					2nd level transom, overlap milling				
									
Infill unit thickness	Frame profile	Min mullion profile	Min transom profile	Auxiliary mullion profile	Auxiliary transom profile	Frame profile	Self-tapping screw		
22 mm	B AYPC SL130.0102, AYPC SL130.0104, AYPC SL130.0105, AYPC SL130.0106	C AYPC F50.3104	D AYPC F50.0234	E AYPC F50.0701	F AYPC F50.0701	G AYPC SL130.0101, AYPC SL130.0102, AYPC SL130.0103, AYPC SL130.0104	on mullion, step 450 mm	on transom, step 450 mm	on transom, step 600 mm
24 mm				AYPC F50.0701	AYPC F50.0701		H	I	J
26 mm				AYPC F50.0701	AYPC F50.0701		3,9x19-A2IS014-586	3,9x13-A2IS014-586	4,8x60-A2IS014-586
28 mm				AYPC F50.0702	AYPC F50.0702		3,9x19-A2IS014-586	3,9x13-A2IS014-586	4,8x60-A2IS014-586
30 mm		AYPC F50.3103	AYPC F50.0233	AYPC F50.0702	AYPC F50.0702		3,9x19-A2IS014-586	3,9x13-A2IS014-586	4,8x60-A2IS014-586
32 mm				AYPC F50.0702	AYPC F50.0702		3,9x19-A2IS014-586	3,9x13-A2IS014-586	4,8x60-A2IS014-586
34 mm				AYPC F50.0703	AYPC F50.0703		3,9x19-A2IS014-586	3,9x13-A2IS014-586	4,8x60-A2IS014-586
36 mm				AYPC F50.0703	AYPC F50.0703		3,9x25-A2IS014-586	3,9x13-A2IS014-586	4,8x60-A2IS014-586
38 mm				AYPC F50.0703	AYPC F50.0703		3,9x25-A2IS014-586	3,9x13-A2IS014-586	4,8x60-A2IS014-586
40 mm				AYPC F50.0704	AYPC F50.0704		3,9x38-A2IS014-586	-	4,8x70-A2IS014-586
42 mm				AYPC F50.0704	AYPC F50.0704		3,9x38-A2IS014-586	-	4,8x70-A2IS014-586



Data on AYPCL130.0701, AYPCL130.0702, AYPCL130.0703 and AYPCL130.0704 auxiliary profiles is provided in ALT F50 technical manual.



ALUTECH SL130
Patio systems

SECTIONS AND JUNCTIONS

01

02

03

04

05

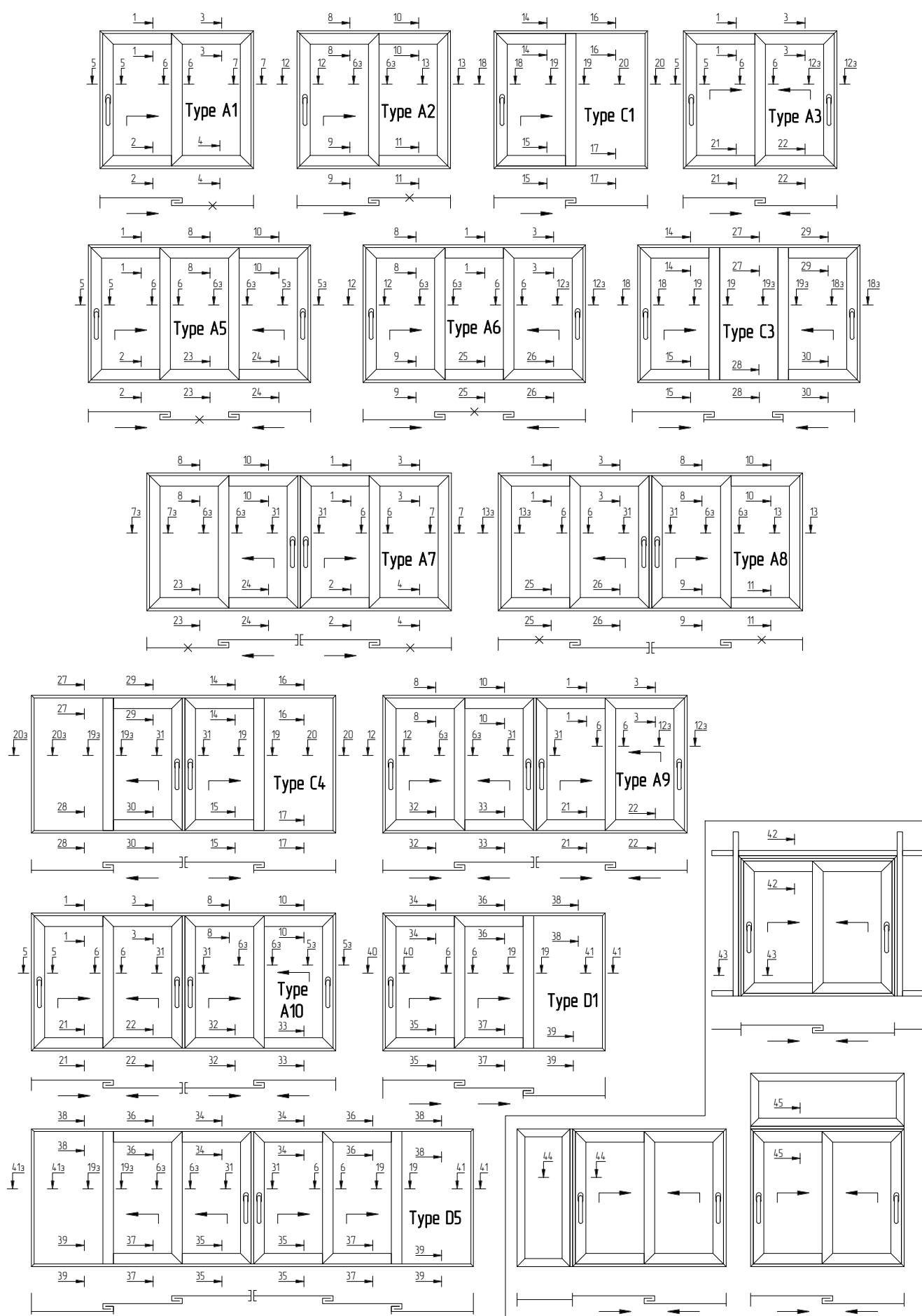
06

07

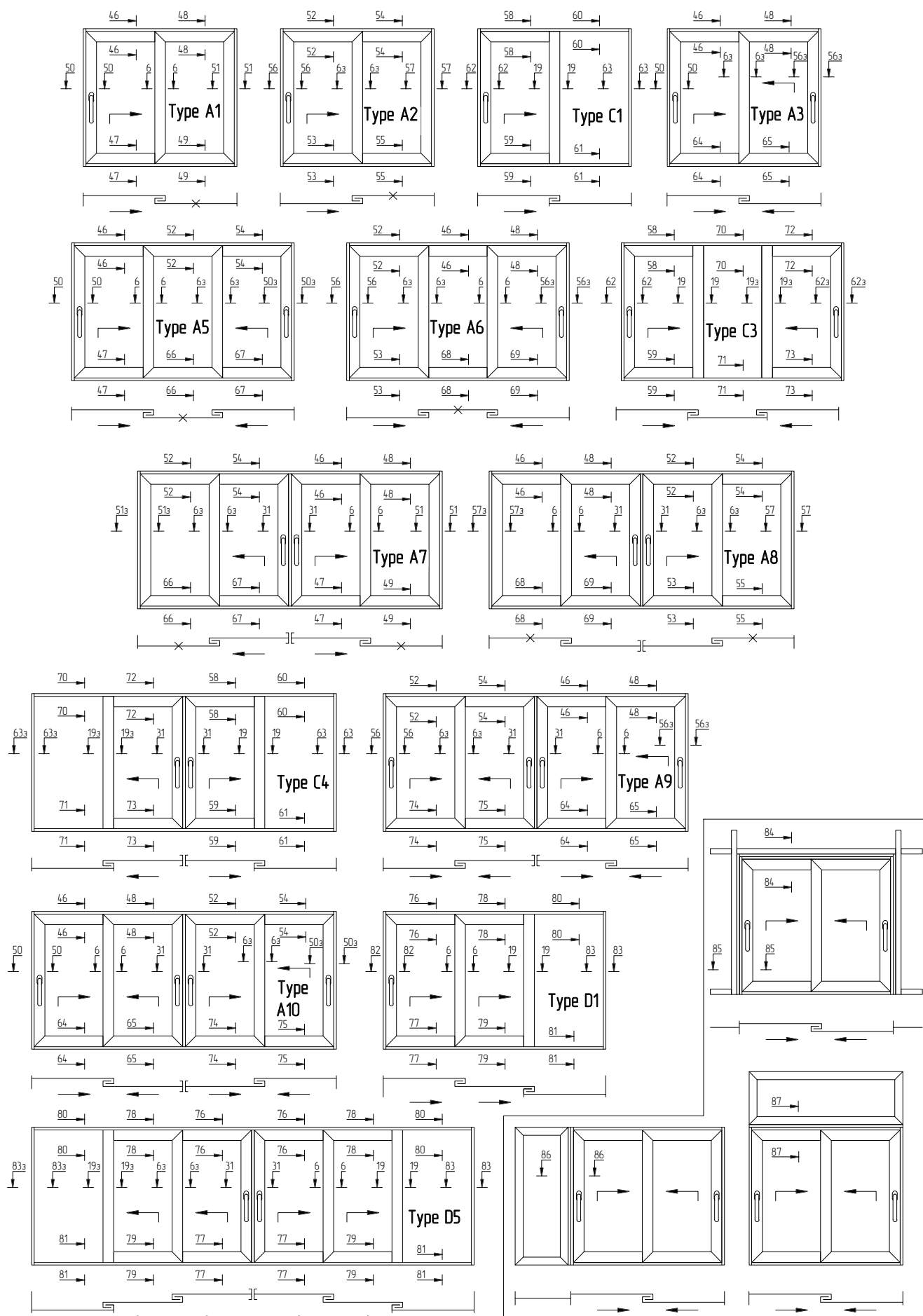
08

09

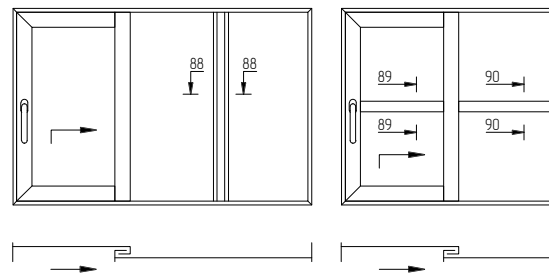
Typical door configurations. Frame profile fixing at 45°. External view



Typical door configurations. Frame profile fixing at 90°. External view



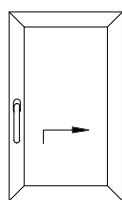
Typical door configurations. External view



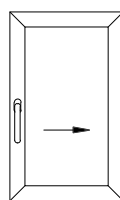
Section	Page	Section	Page	Section	Page	Section	Page	Section	Page
1-1	06.05	18-18	06.17	37-37	06.27	56-56	06.38	75-75	06.47
2-2	06.05	19-19	06.17	38-38	06.28	57-57	06.38	76-76	06.48
3-3	06.06	20-20	06.18	39-39	06.28	58-58	06.39	77-77	06.48
4-4	06.06	21-21	06.19	40-40	06.29	59-59	06.39	78-78	06.49
5-5	06.07	22-22	06.19	41-41	06.29	60-60	06.40	79-79	06.49
6-6	06.08, 06.09, 06.10	23-23	06.20	42-42	06.30	61-61	06.40	80-80	06.50
7-7	06.11	24-24	06.20	43-43	06.30	62-62	06.41	81-81	06.50
8-8	06.11	25-25	06.21	44-44	06.31	63-63	06.41	82-82	06.51
9-9	06.12	26-26	06.21	45-45	06.32	64-64	06.42	83-83	06.51
10-10	06.12	27-27	06.22	46-46	06.33	65-65	06.42	84-84	06.52
11-11	06.13	28-28	06.22	47-47	06.33	66-66	06.43	85-85	06.52
12-12	06.13	29-29	06.23	48-48	06.34	67-67	06.43	86-86	06.53
13-13	06.14	30-30	06.23	49-49	06.34	68-68	06.44	87-87	06.54
14-14	06.15	31-31	06.24	50-50	06.35	69-69	06.44	88-88	06.55
15-15	06.15	32-32	06.25	51-51	06.35	70-70	06.45	89-89	06.56
16-16	06.16	33-33	06.25	52-52	06.36	71-71	06.45		
17-17	06.16	34-34	06.26	53-53	06.36	72-72	06.46		
		35-35	06.26	54-54	06.37	73-73	06.46		
		36-36	06.27	55-55	06.37	74-74	06.47		



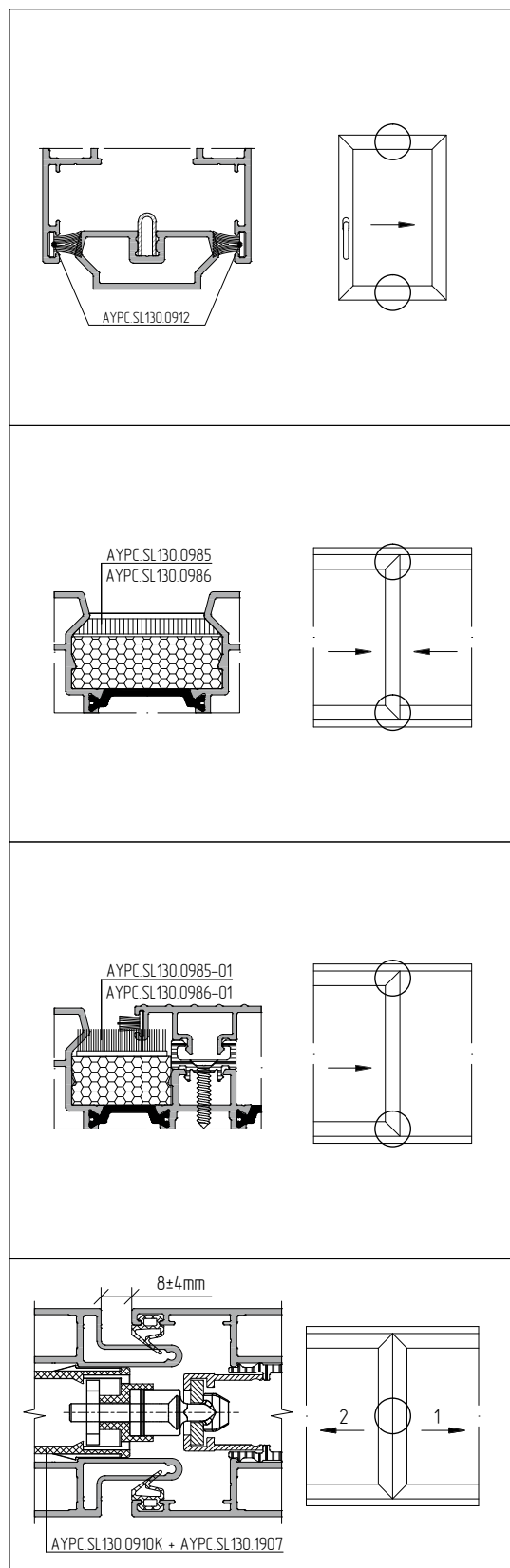
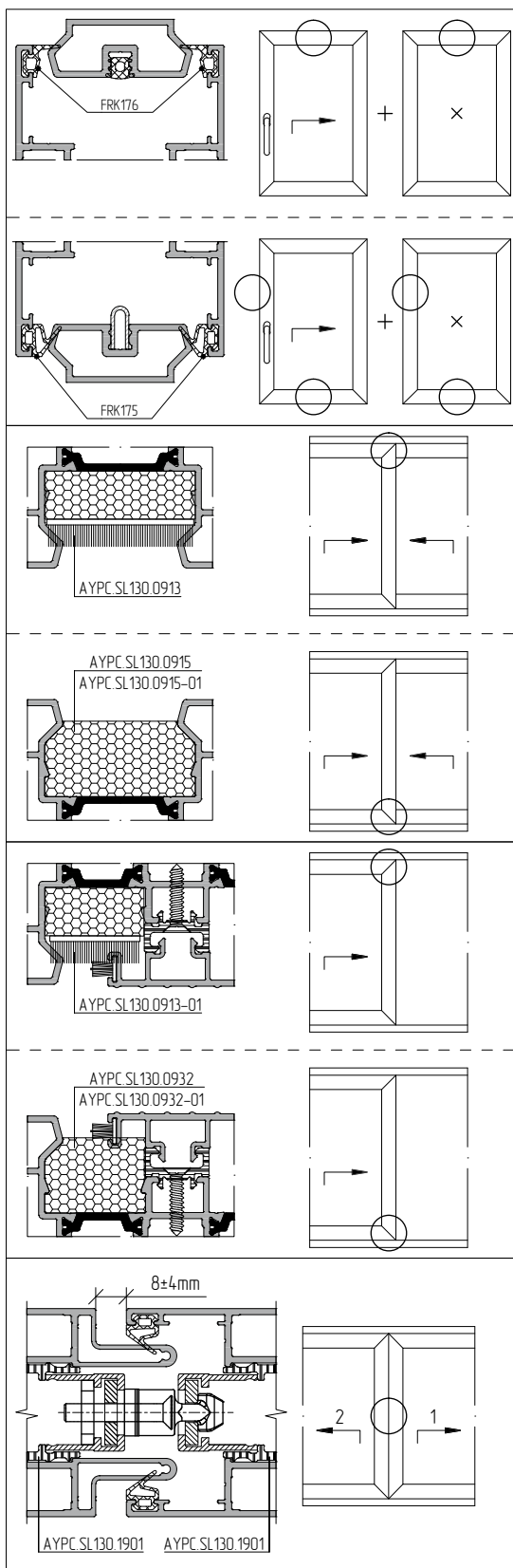
Sections marked "XXа" are specular reflection of sections "XX".
 Type A – doors with AYPС.SL130.0101 or AYPС.SL130.0102 frame.
 Type C – doors with AYPС.SL160.0103 or AYPС.SL130.0104 frame.
 Type D – doors with AYPС.SL160.0107 or AYPС.SL130.0108 frame.



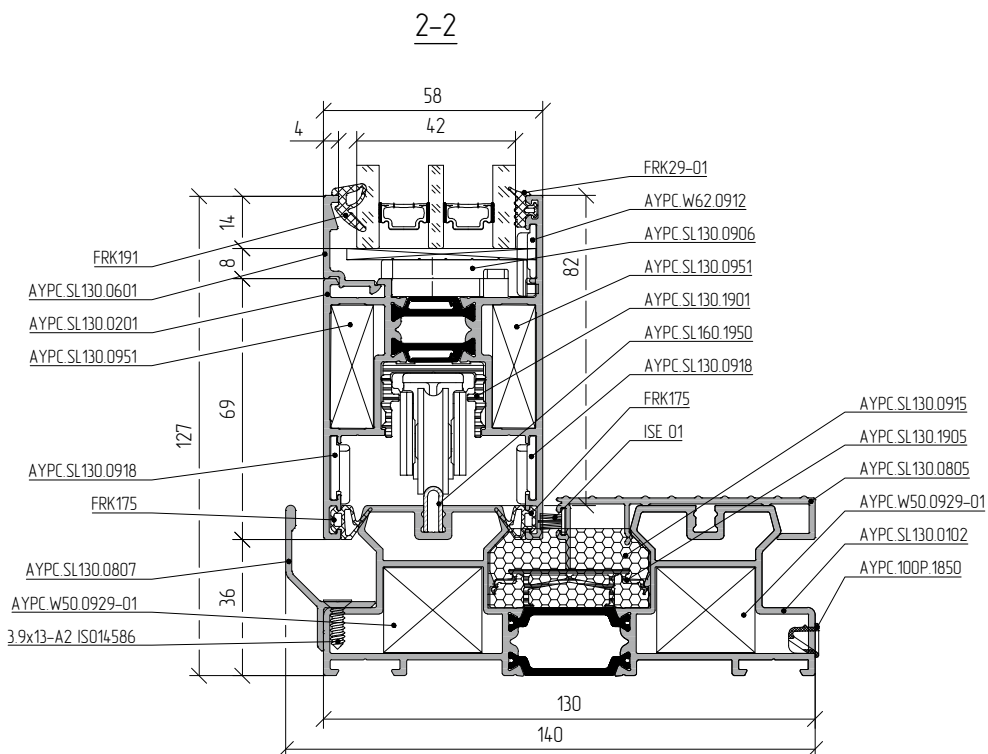
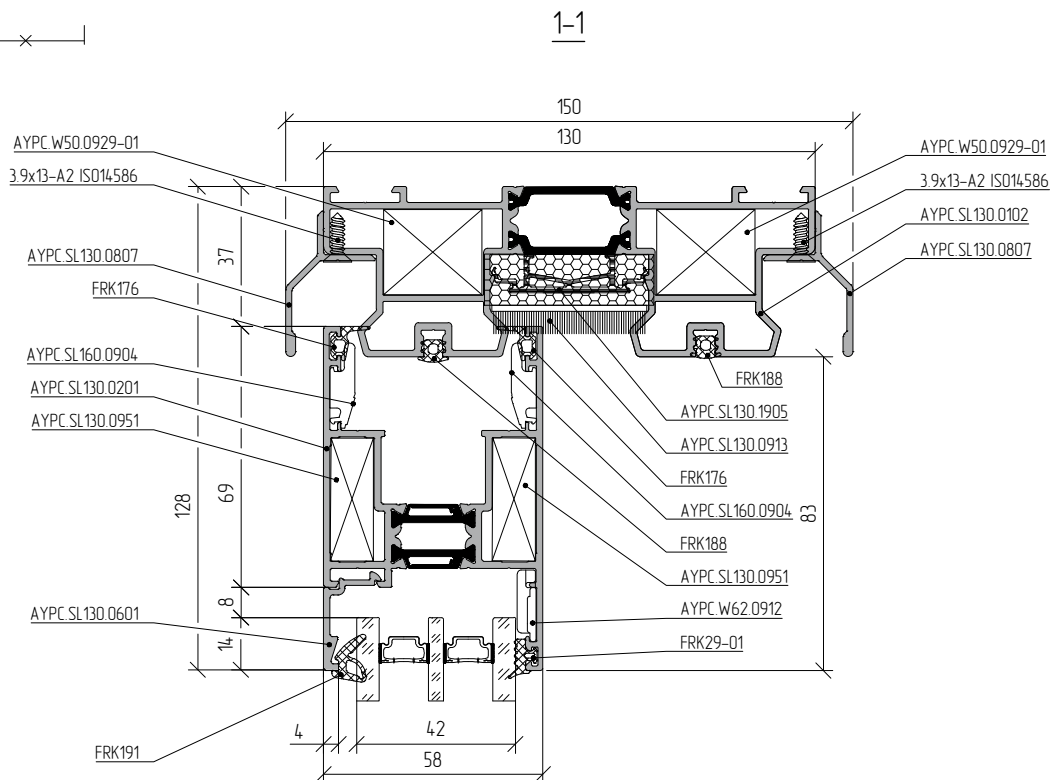
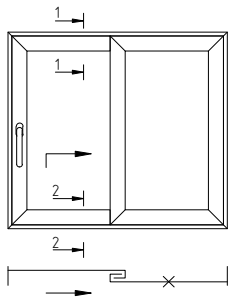
SL130 HS



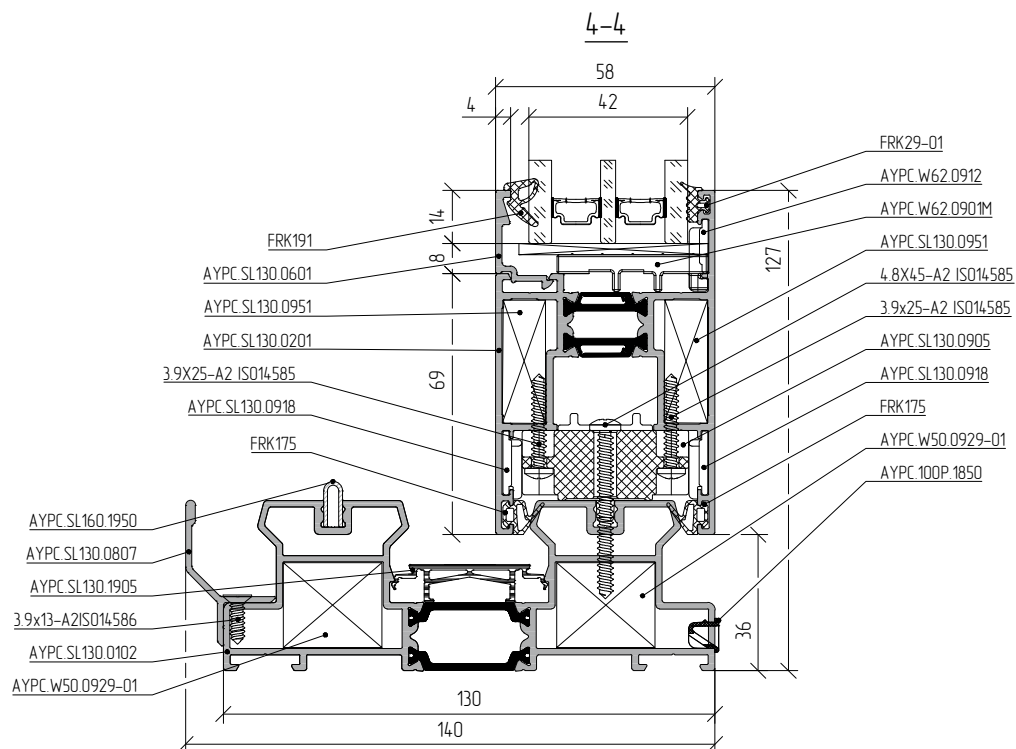
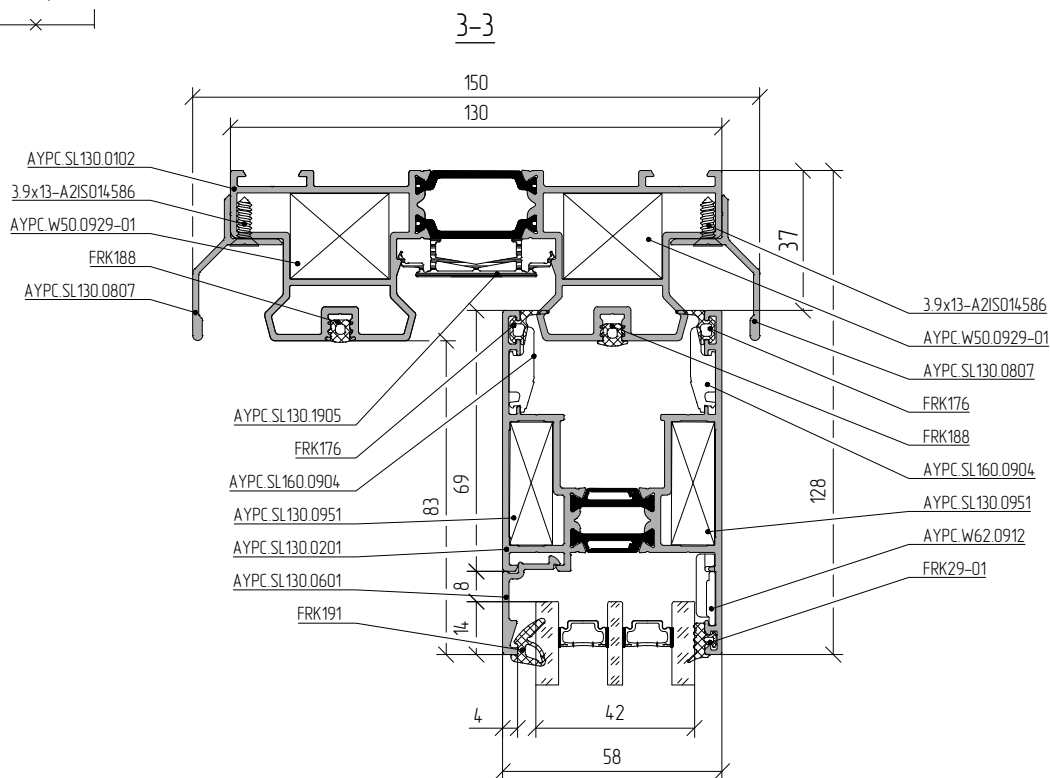
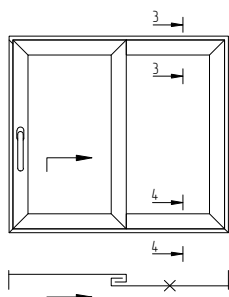
SL130 S



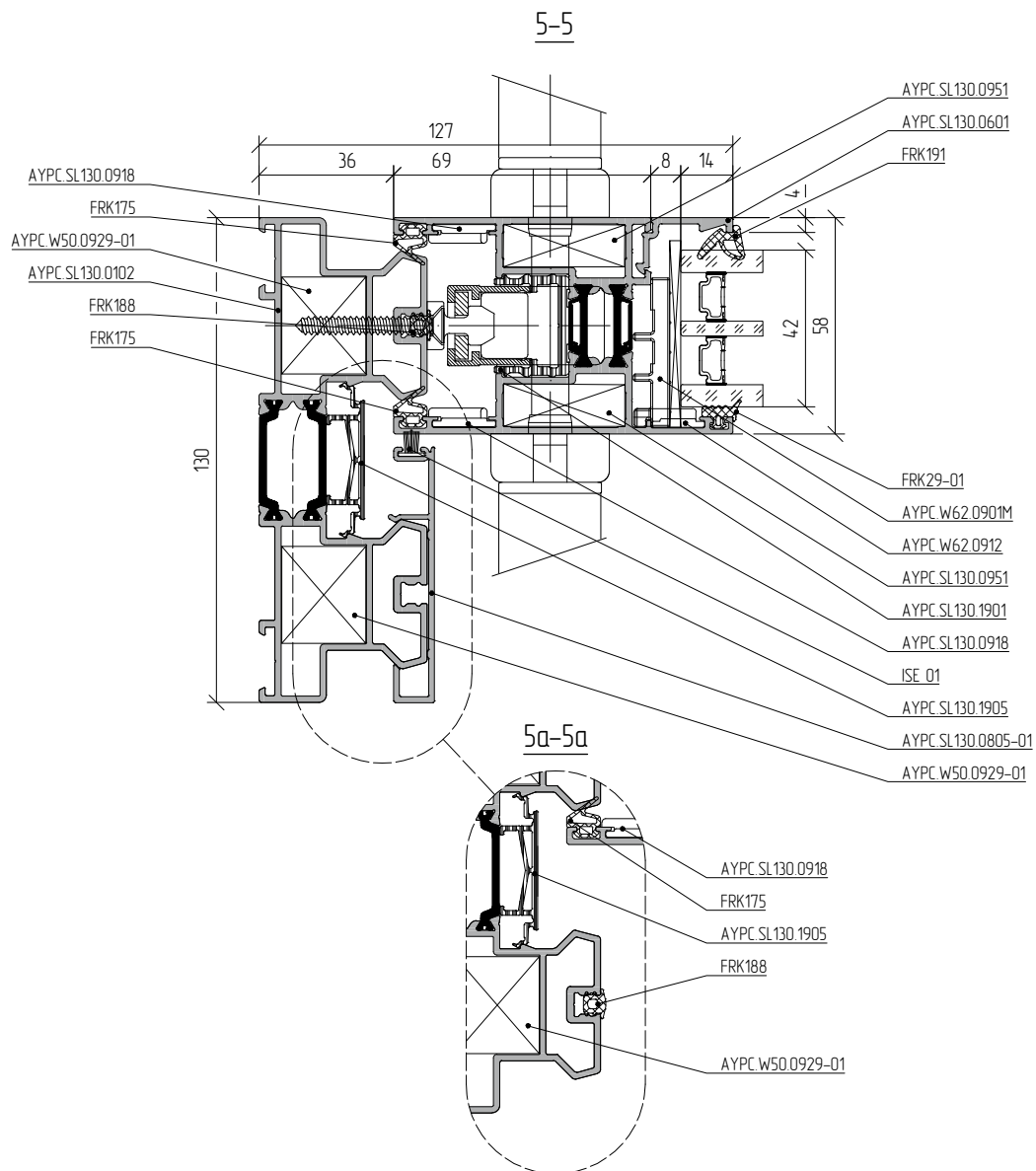
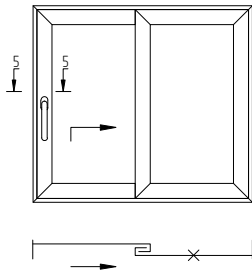
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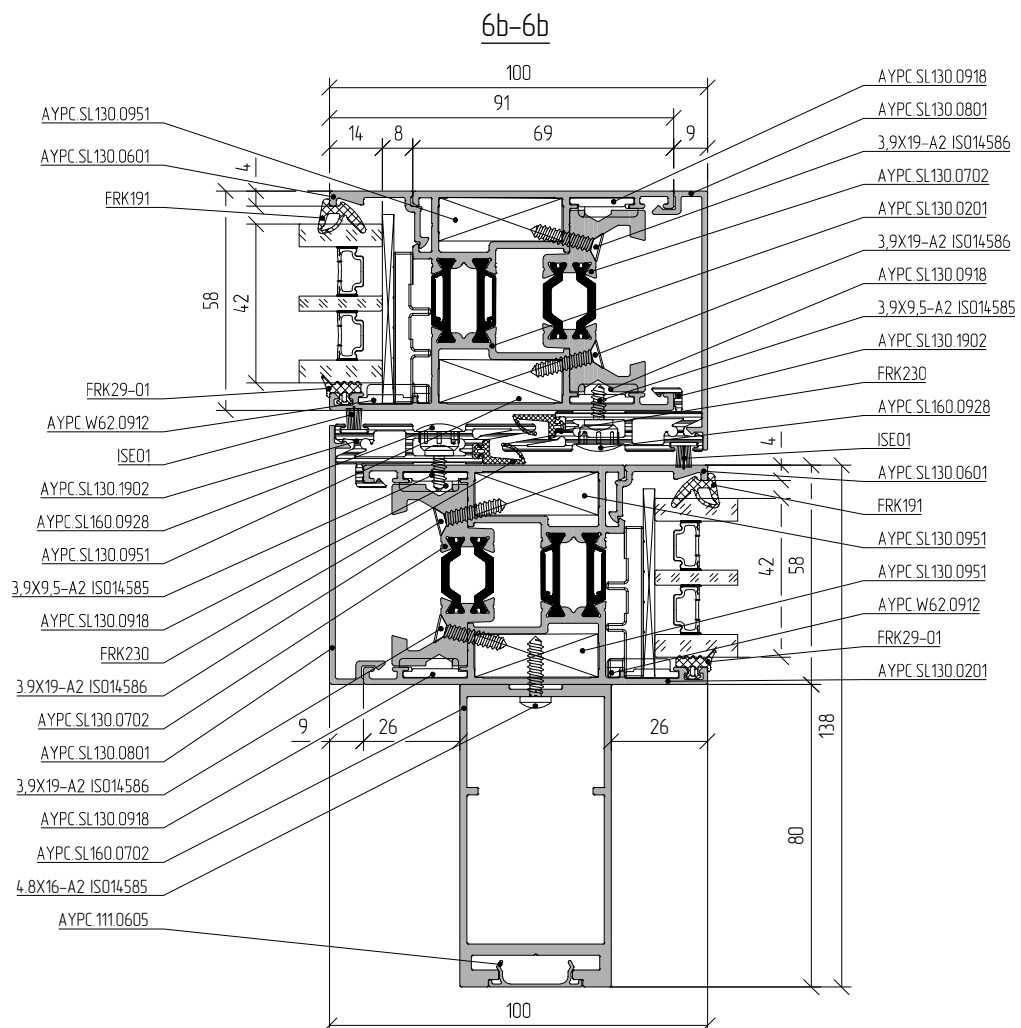
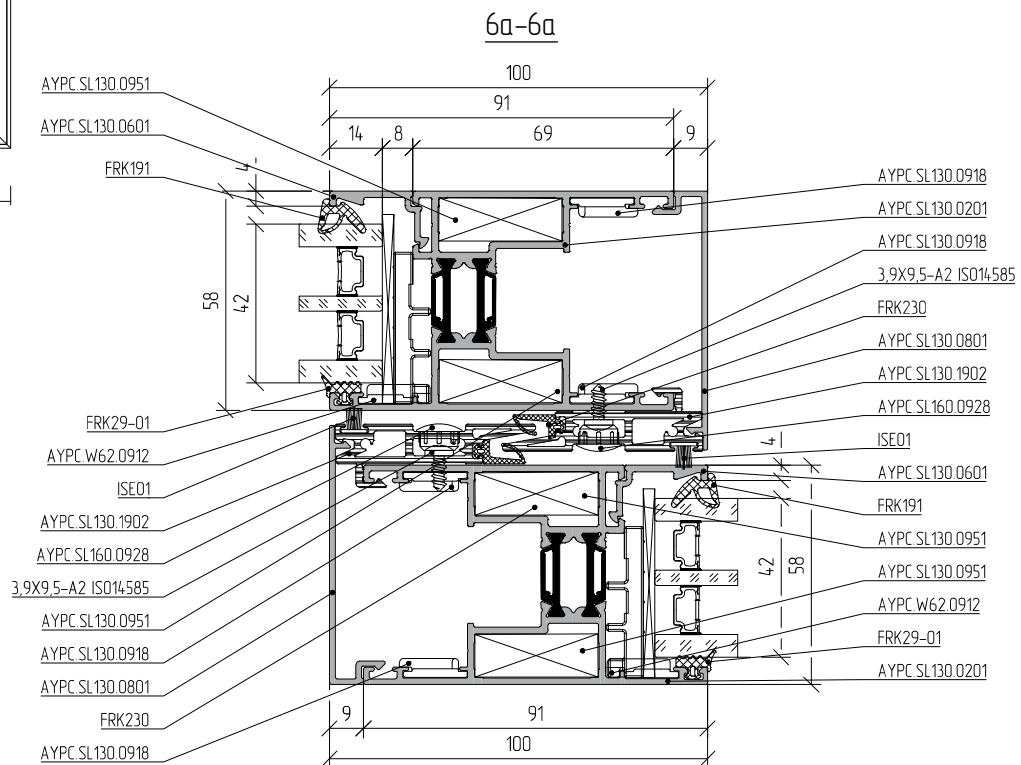
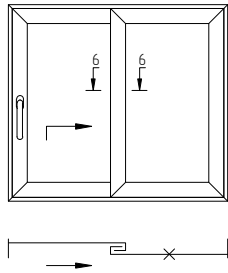
Scale 1:2



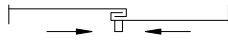
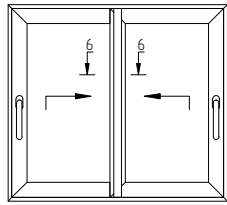
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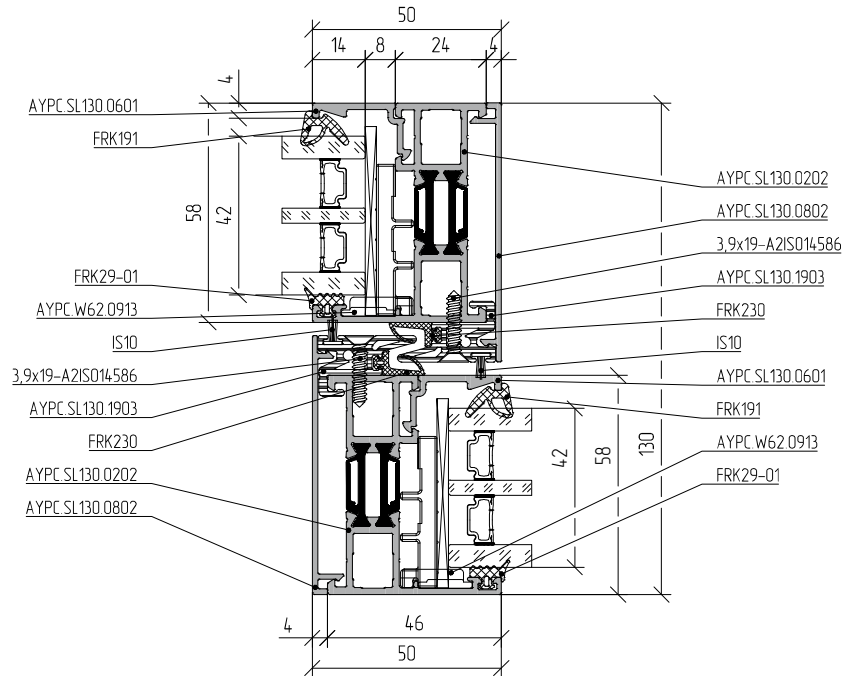
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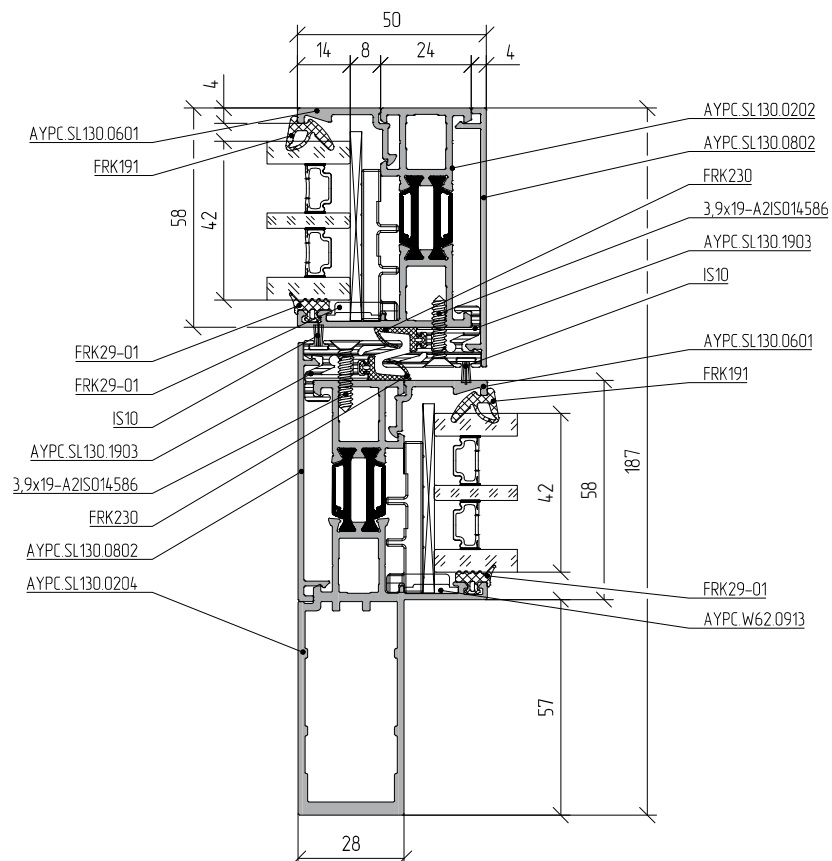
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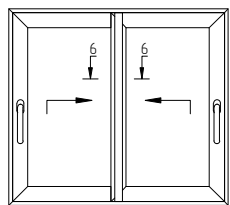


6c-6c



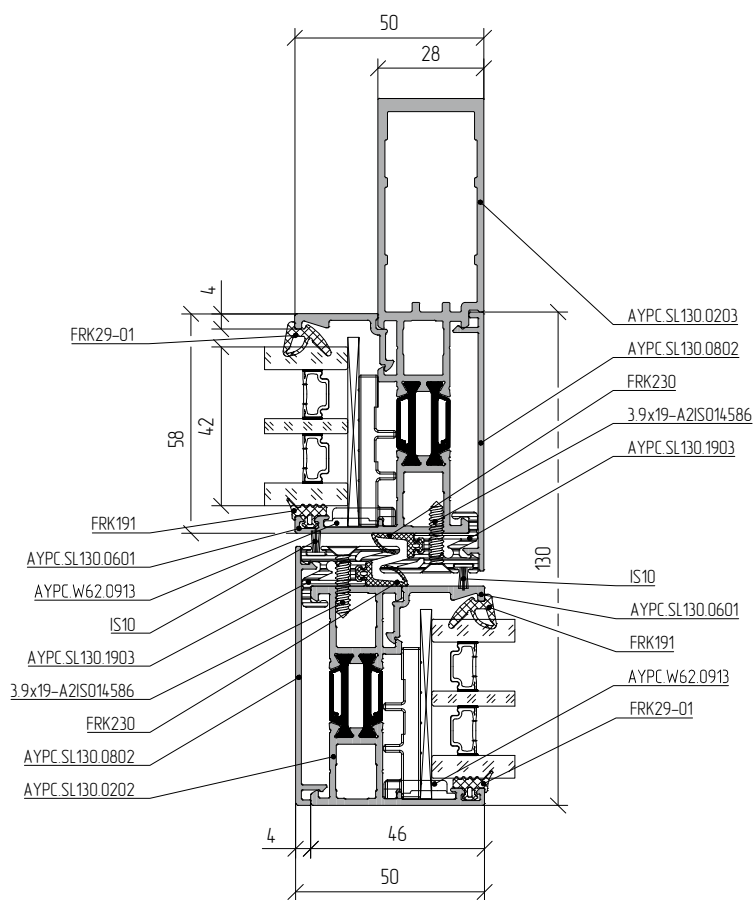
6d-6d



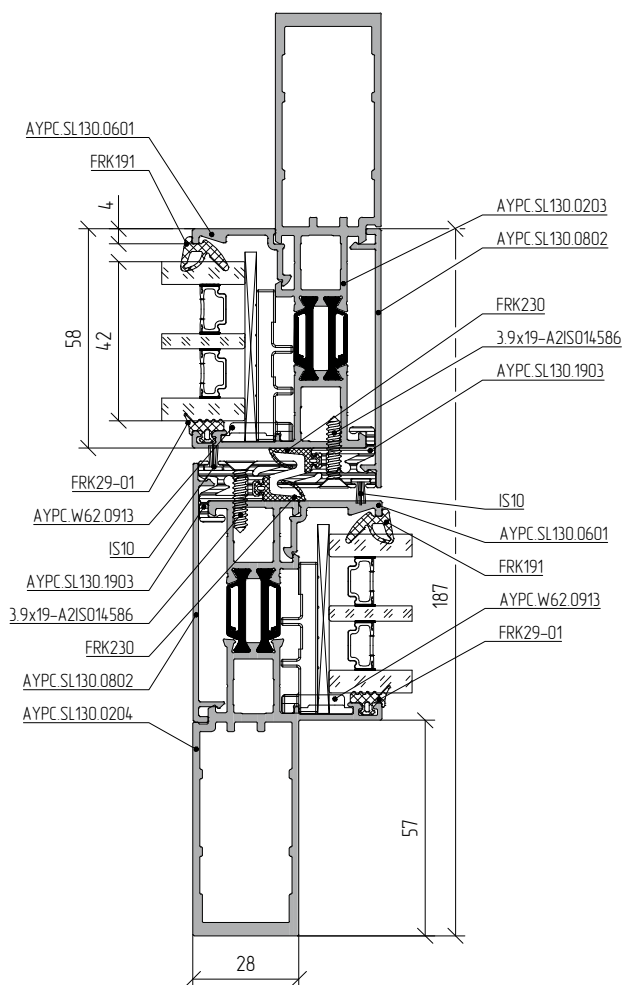


6e-6e

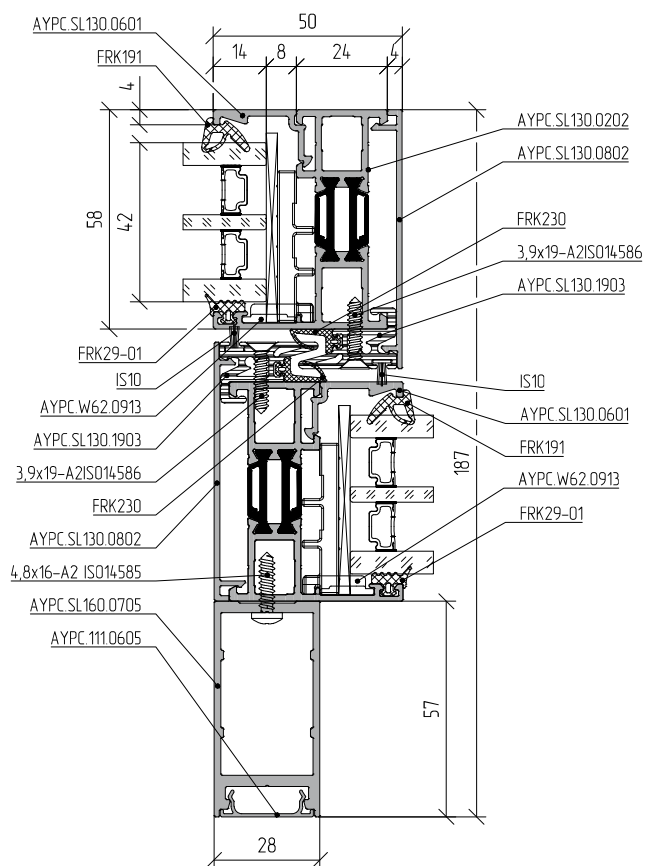
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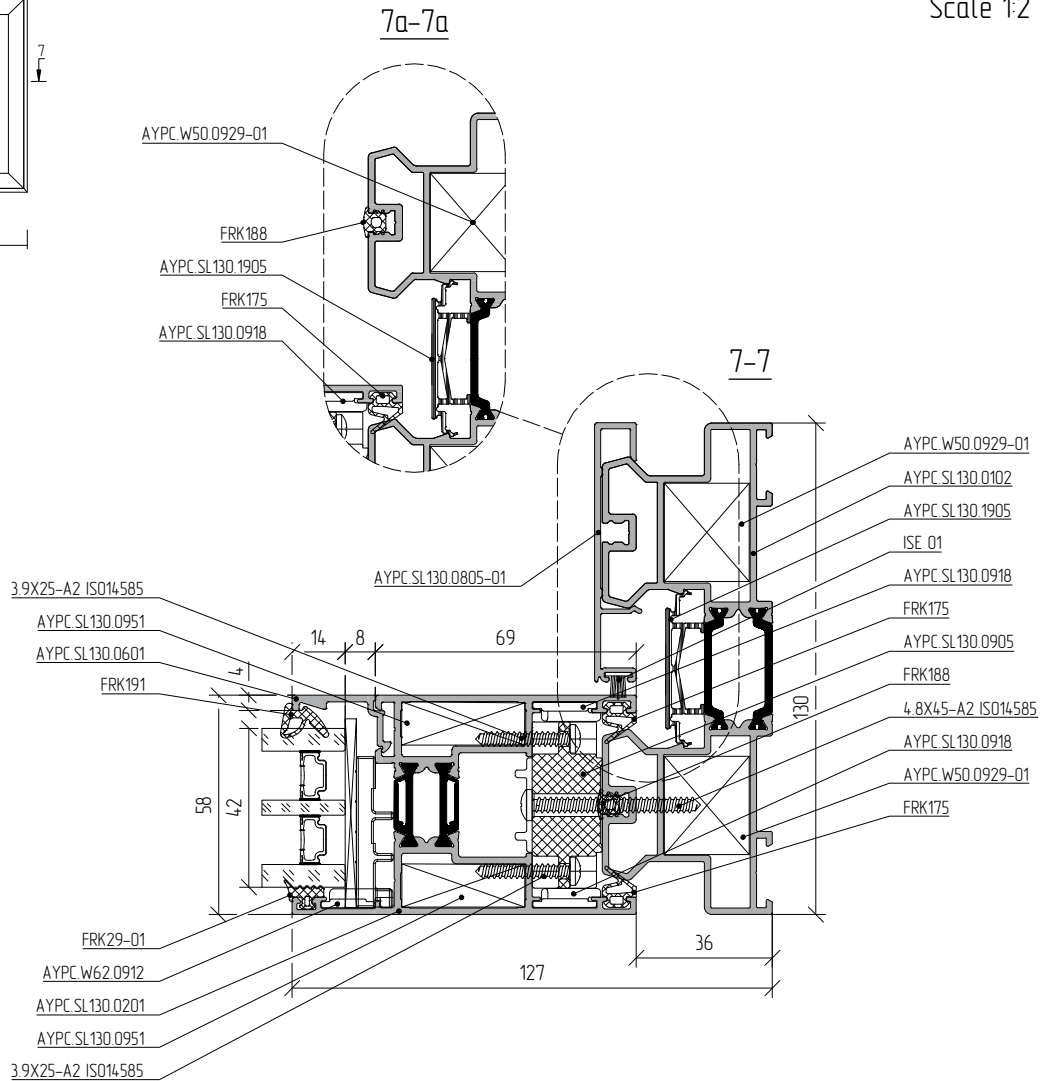
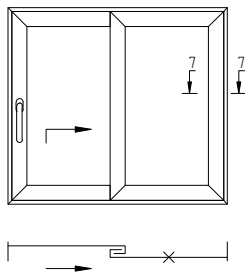
6f-6f



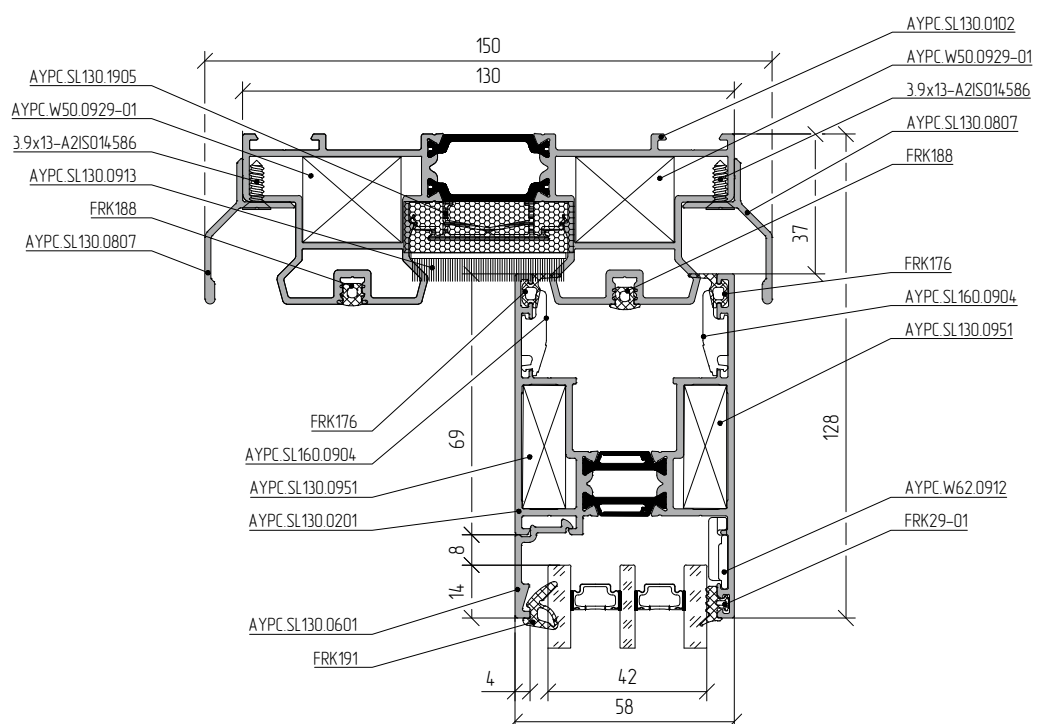
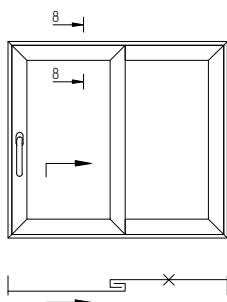
6g-6g



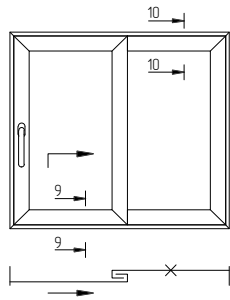
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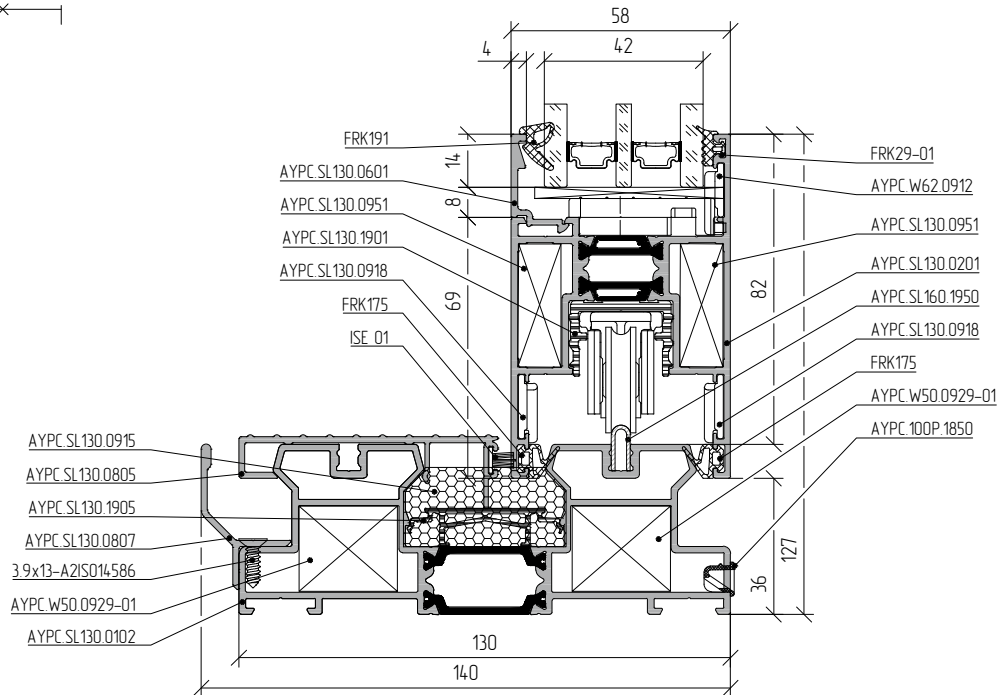
8-8



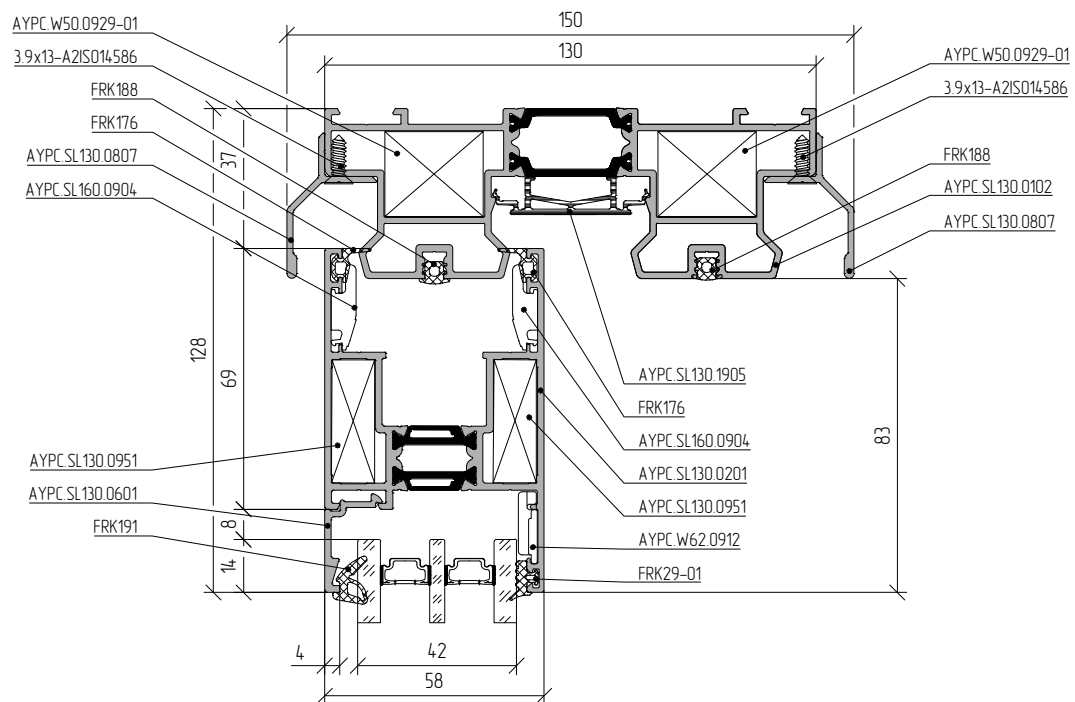
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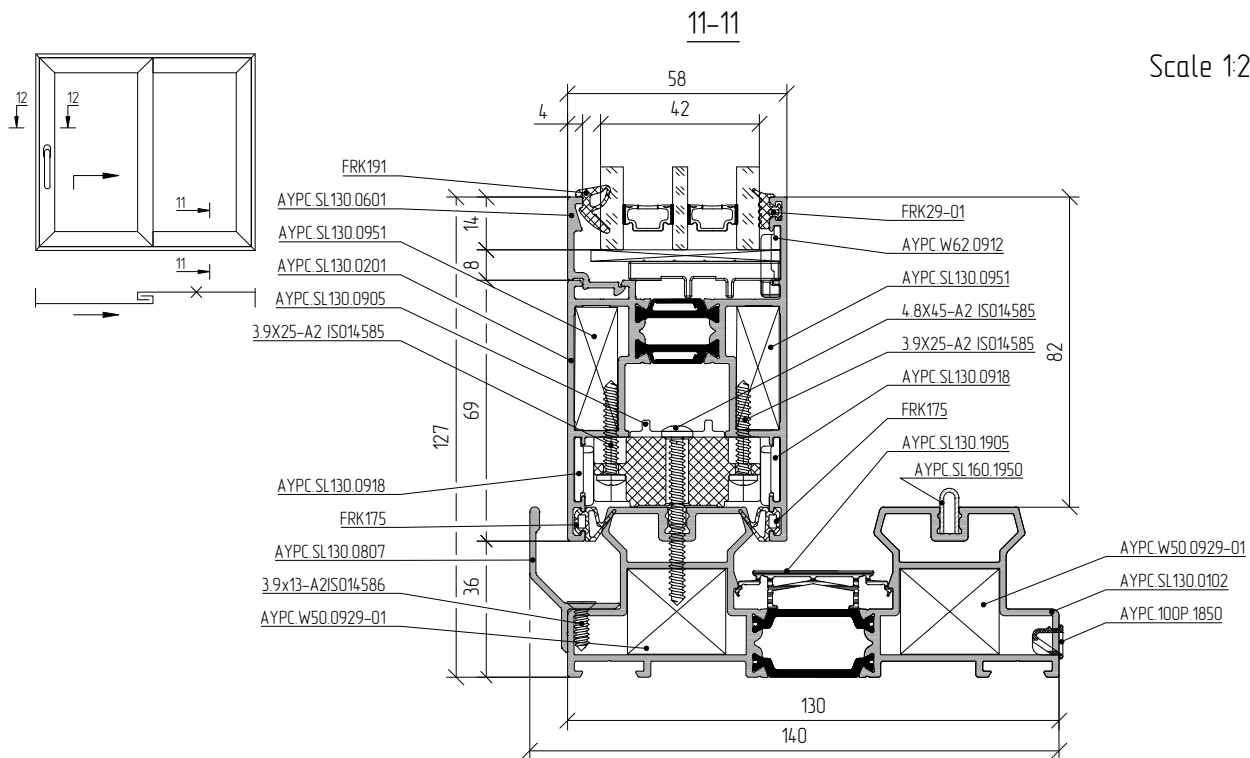
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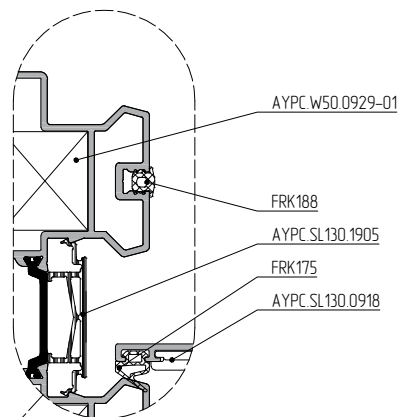
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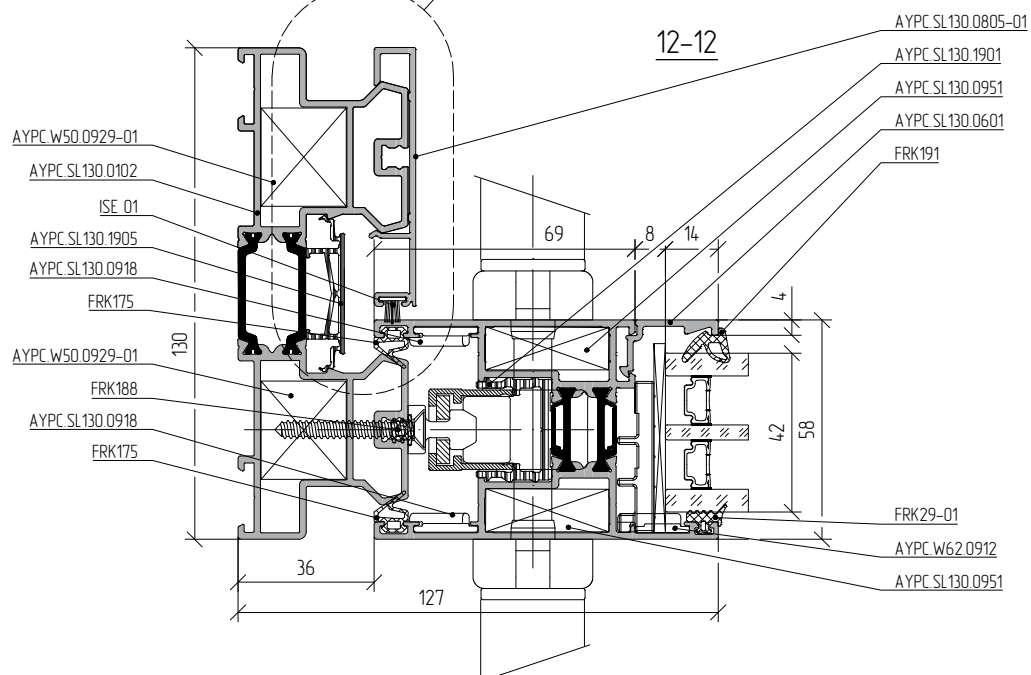
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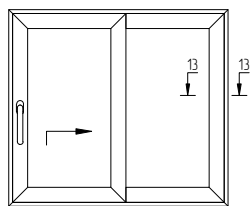
12a-12a



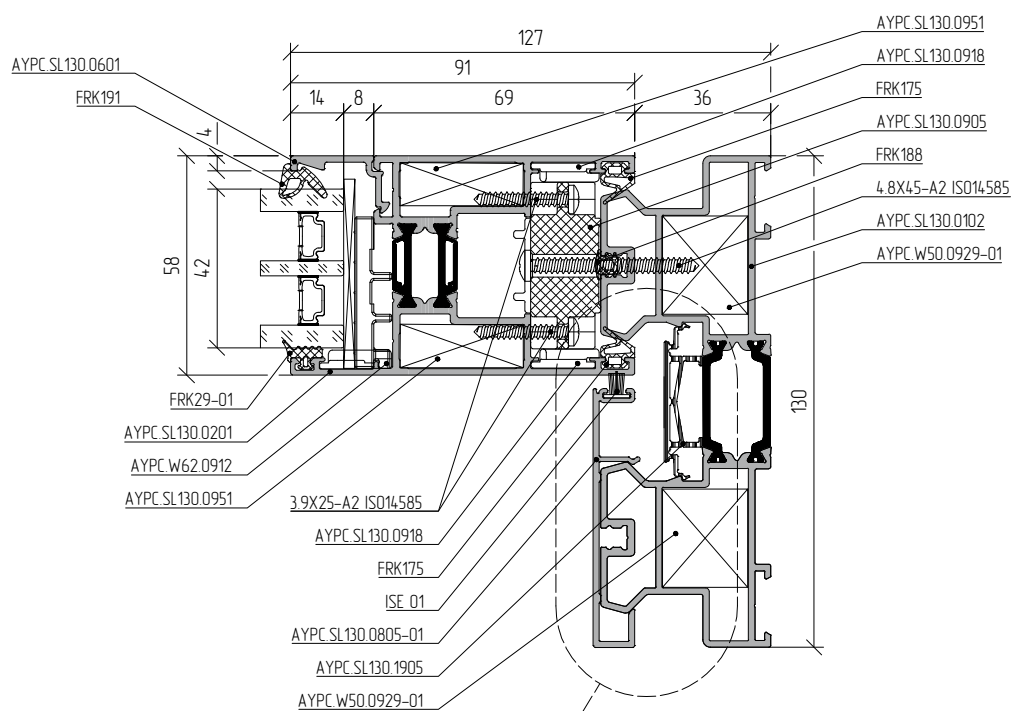
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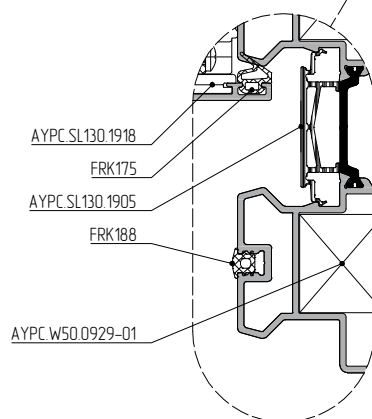
Scale 1:2



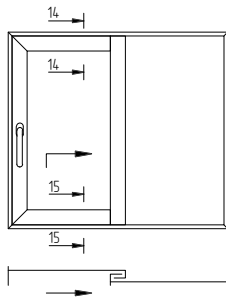
13-13



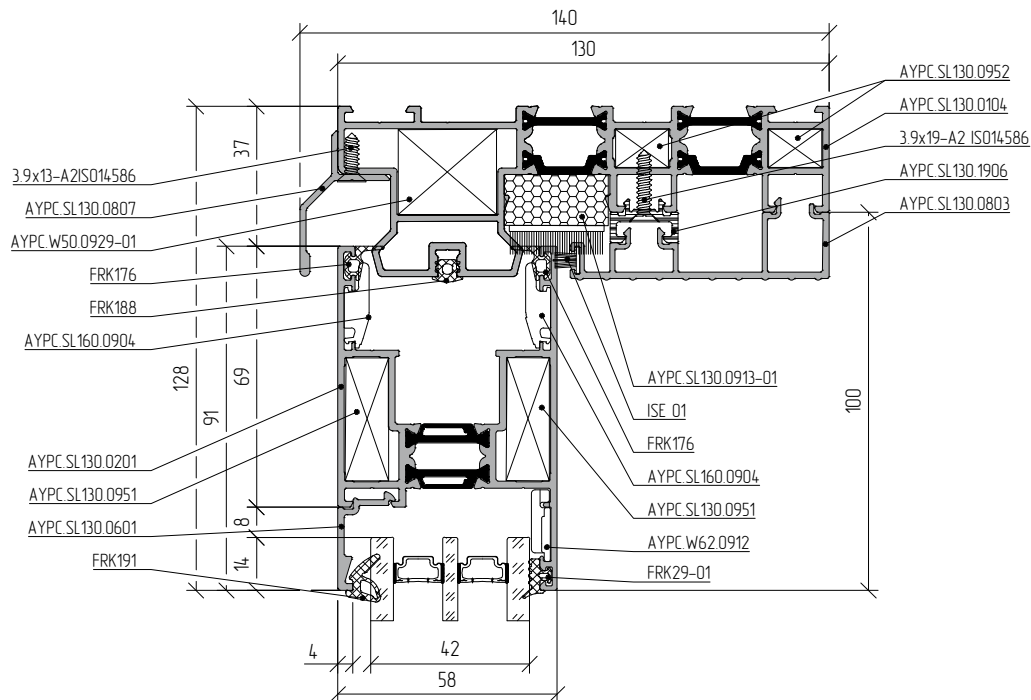
13a-13a



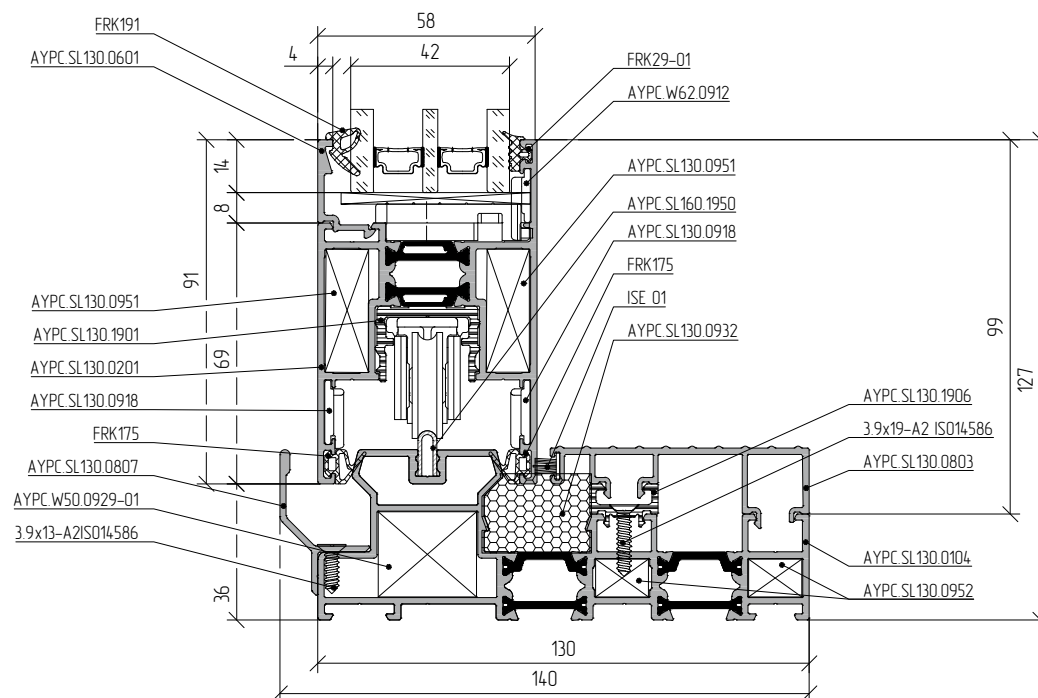
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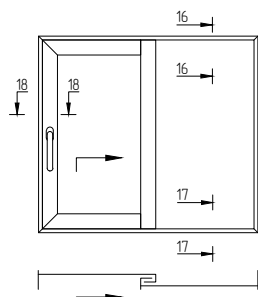
14-14



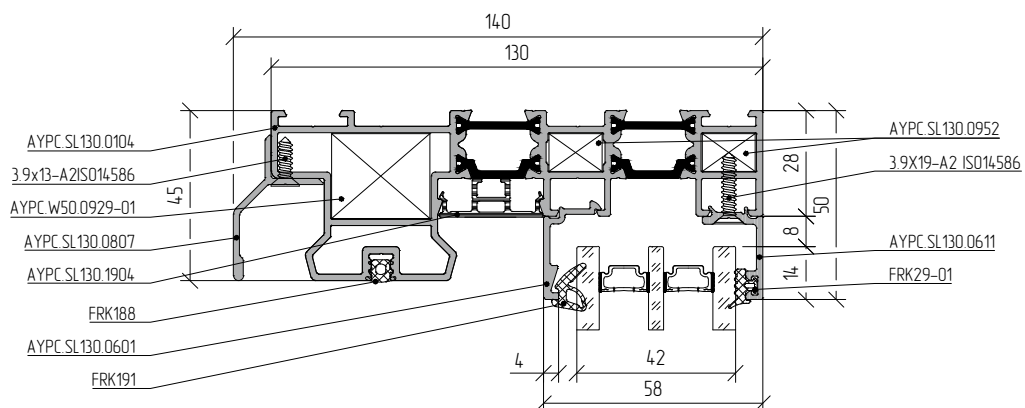
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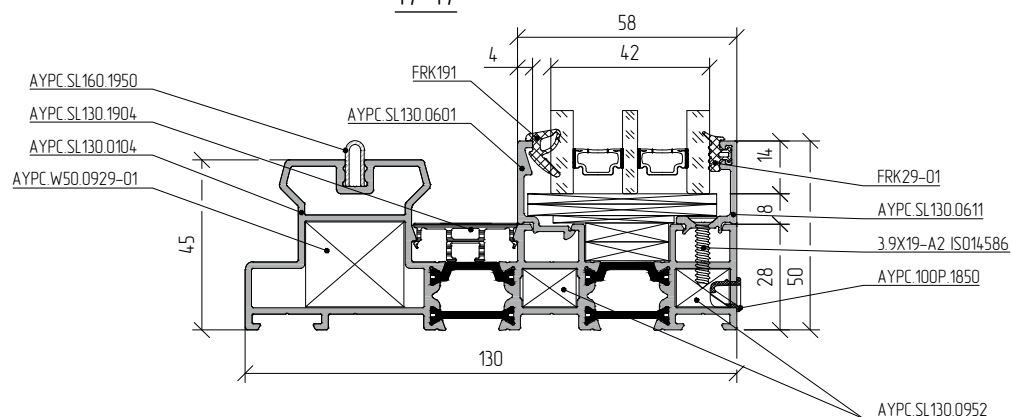
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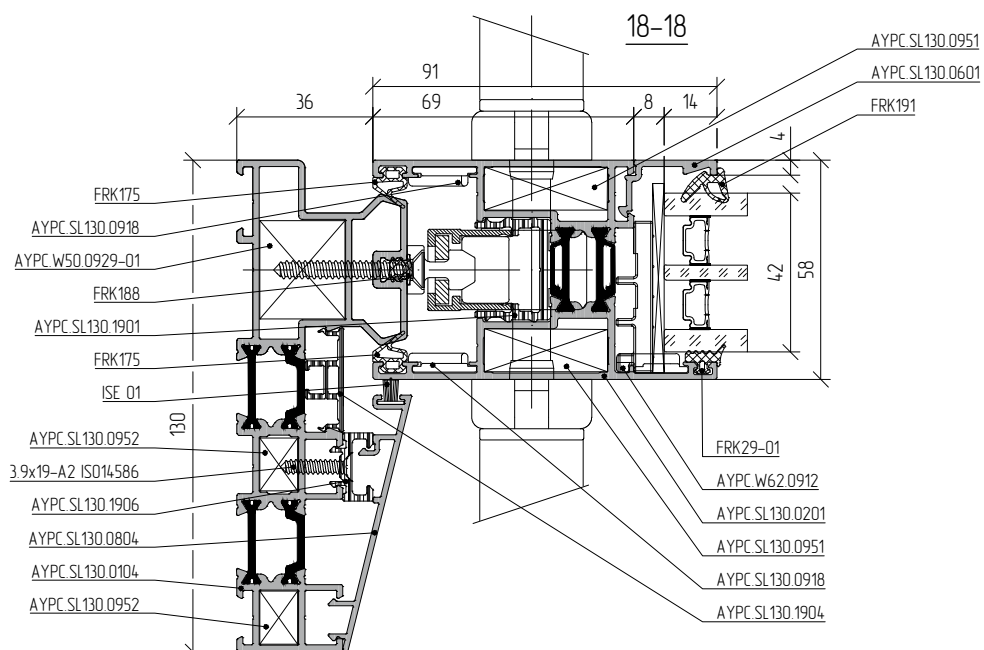
16-16



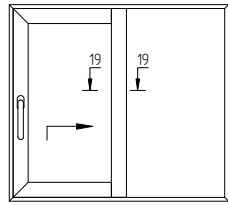
17-17



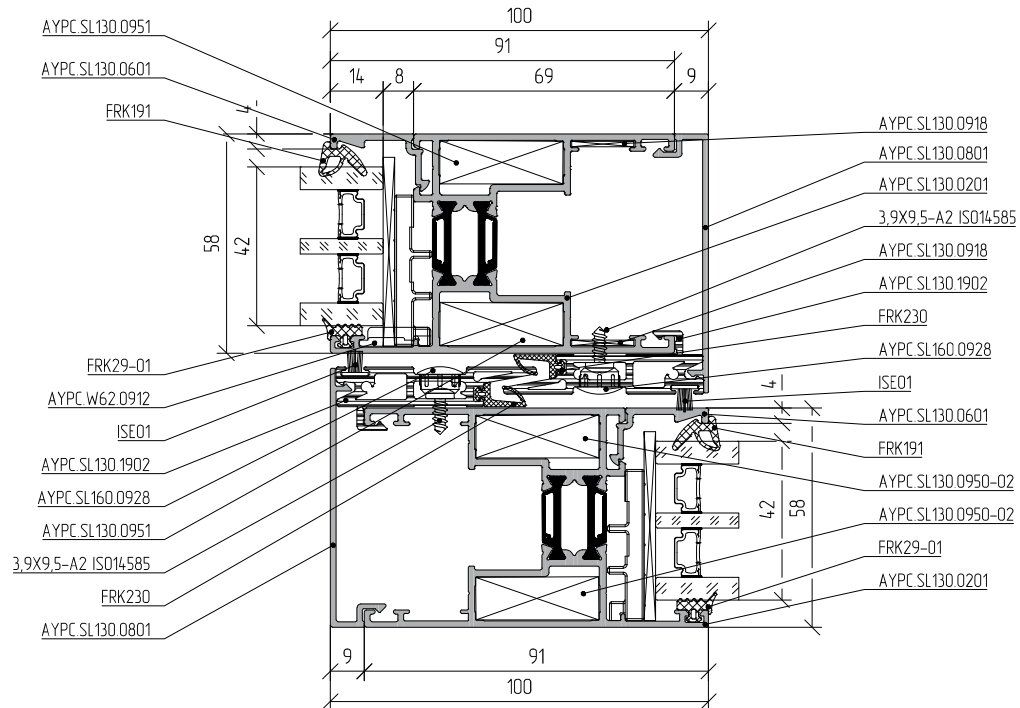
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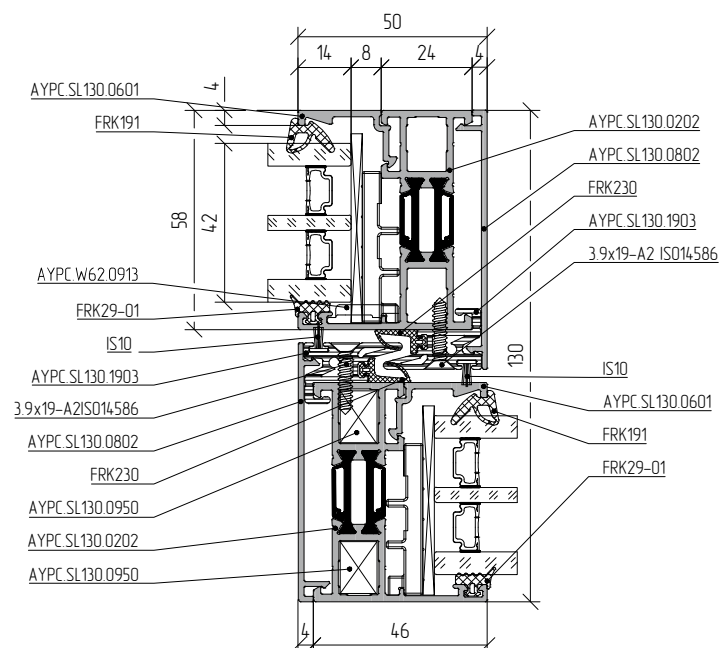
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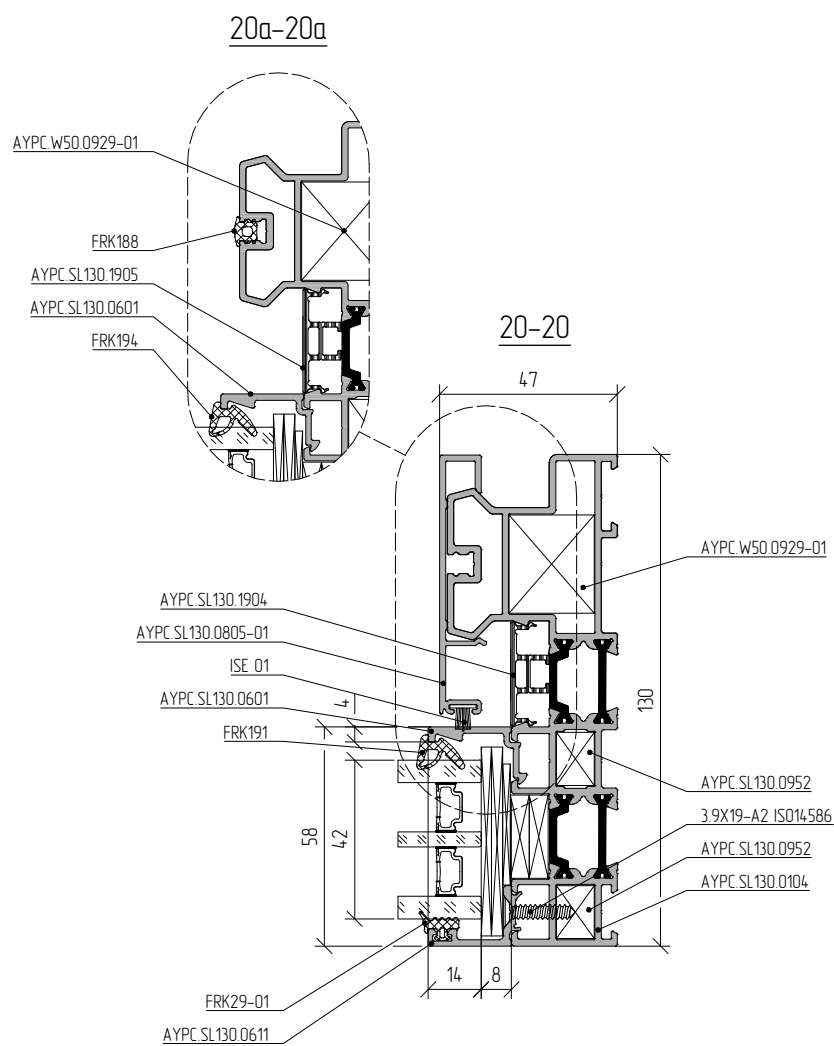
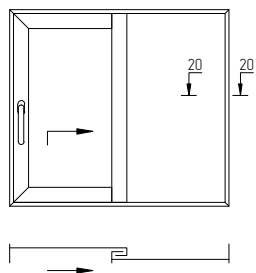
19a-19a



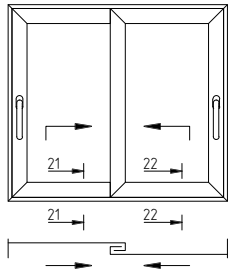
19b-19b



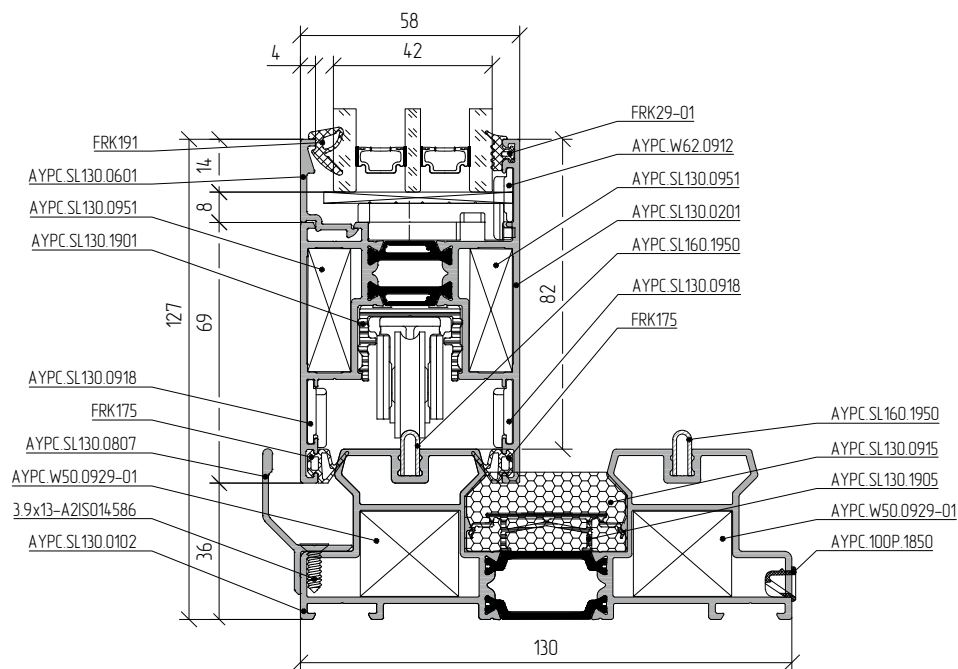
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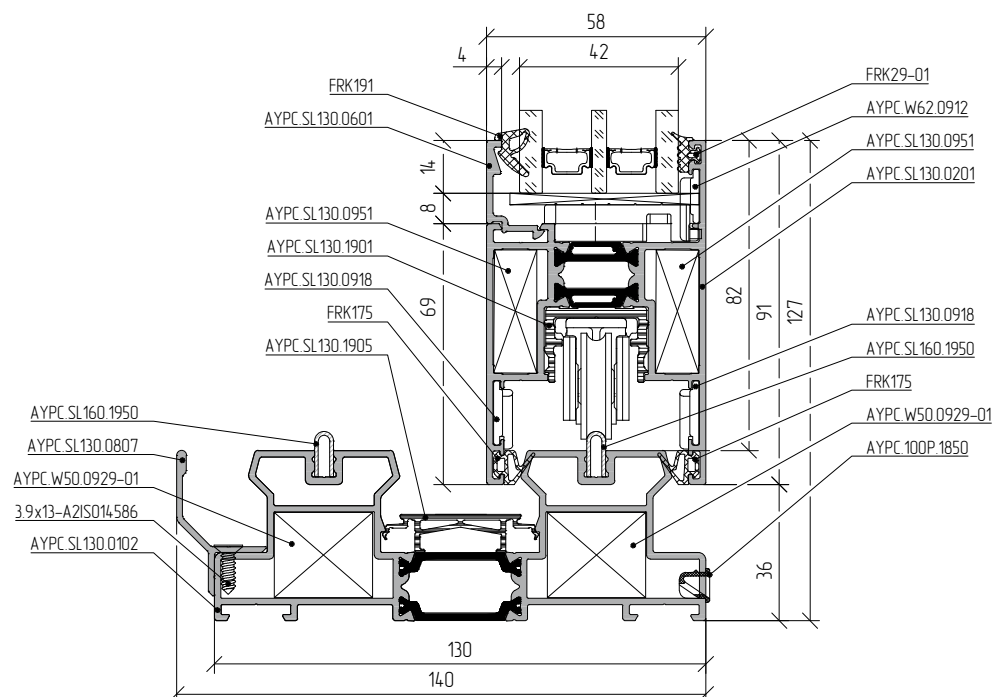
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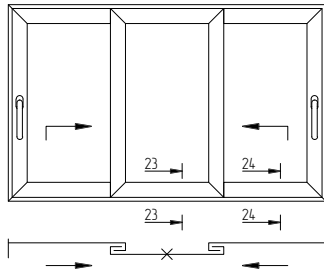
21-21



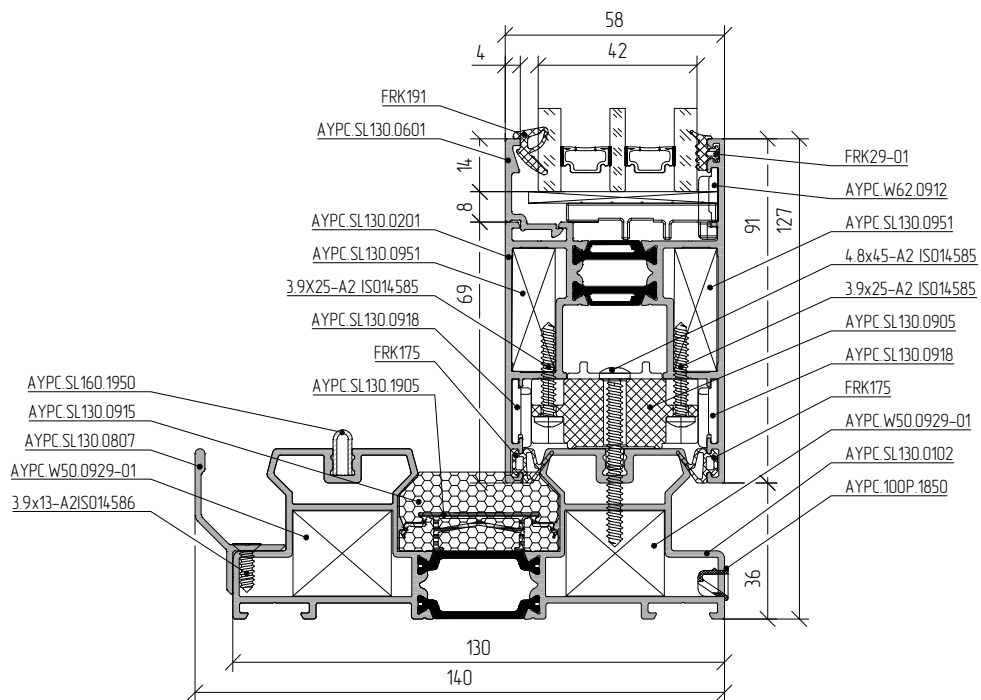
22-22



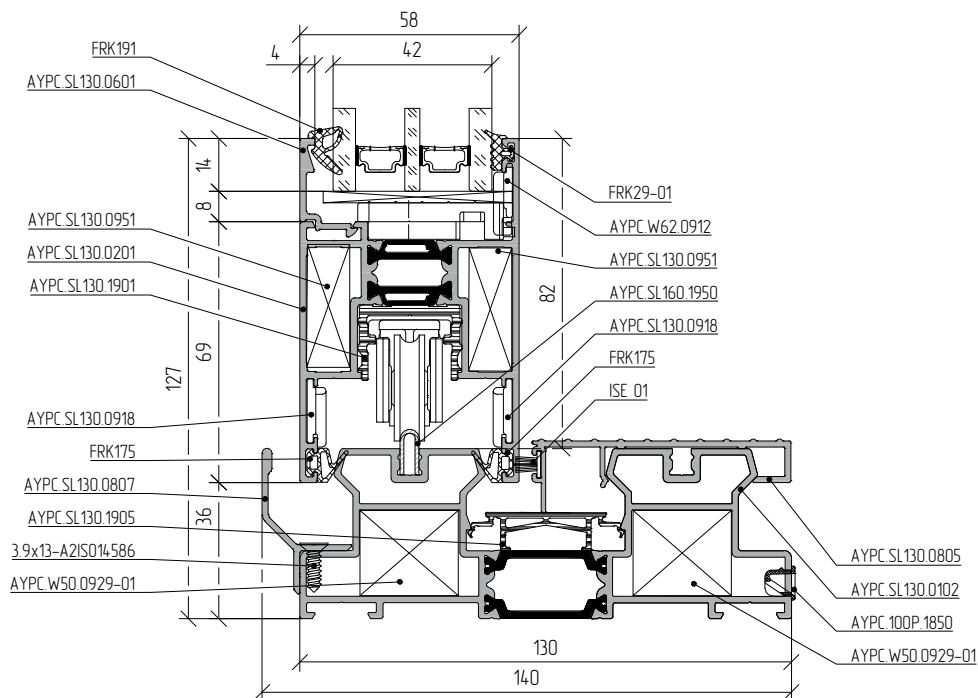
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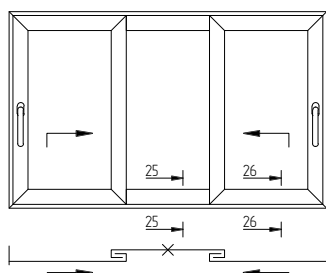
23-23



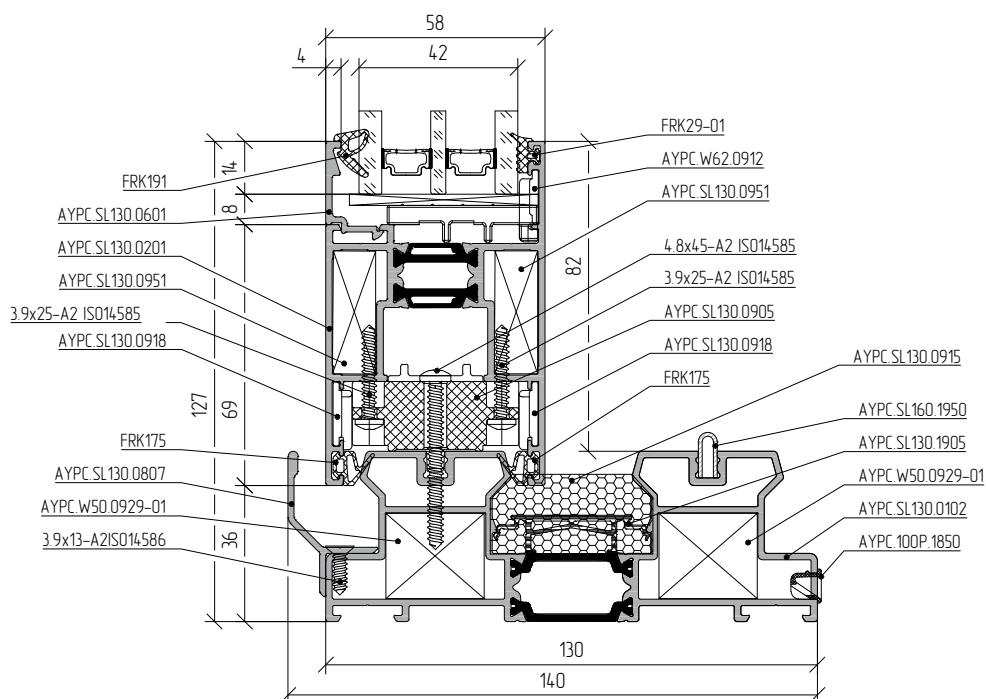
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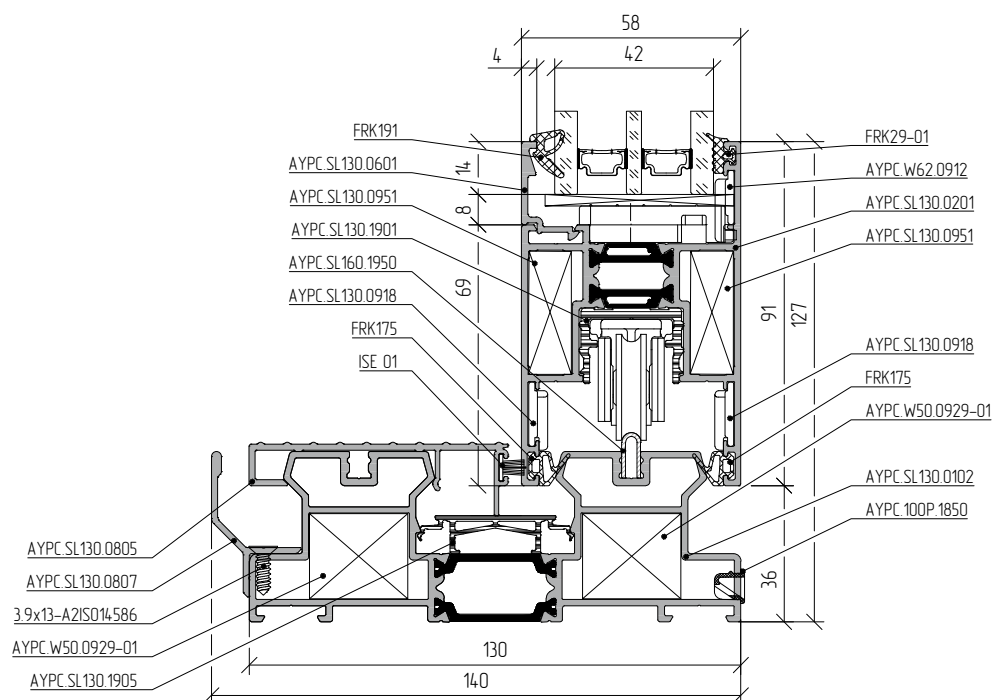
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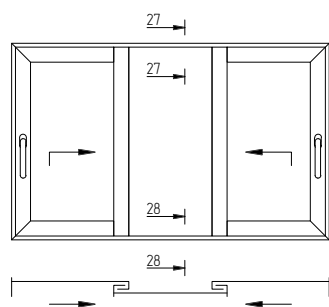


25-25



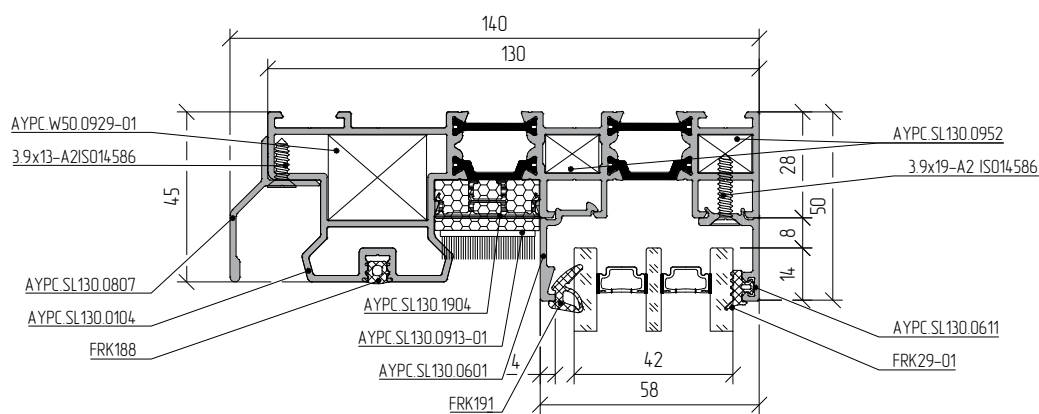
26-26



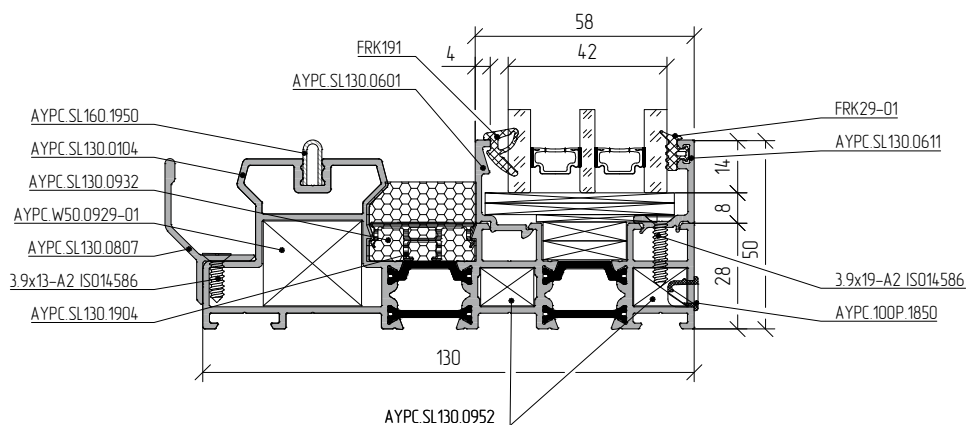


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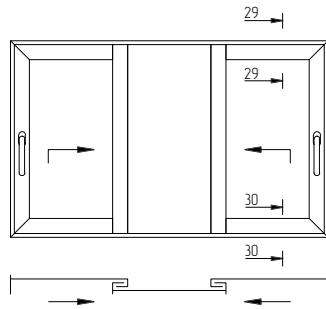
27-27



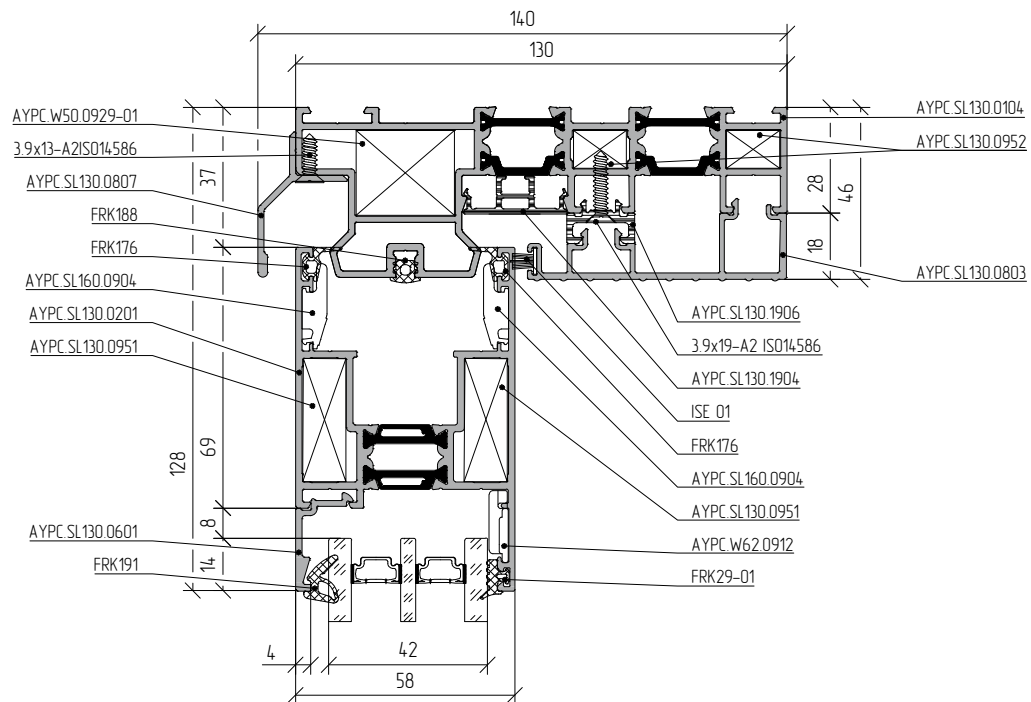
28-28



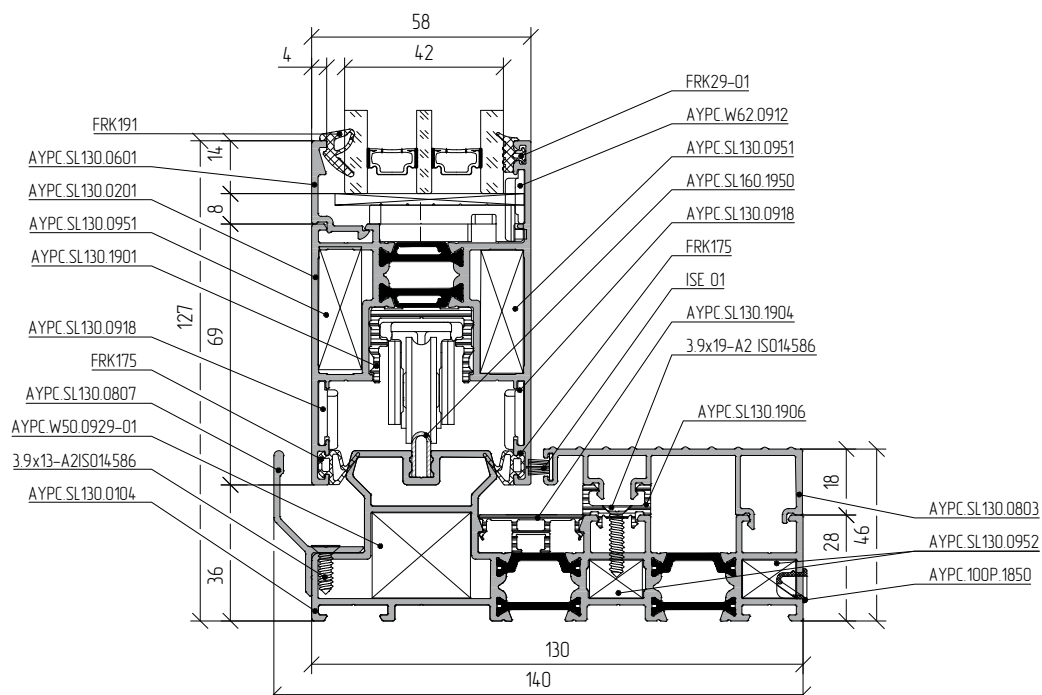
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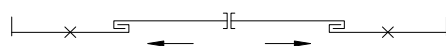
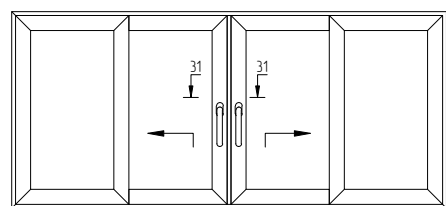
29-29



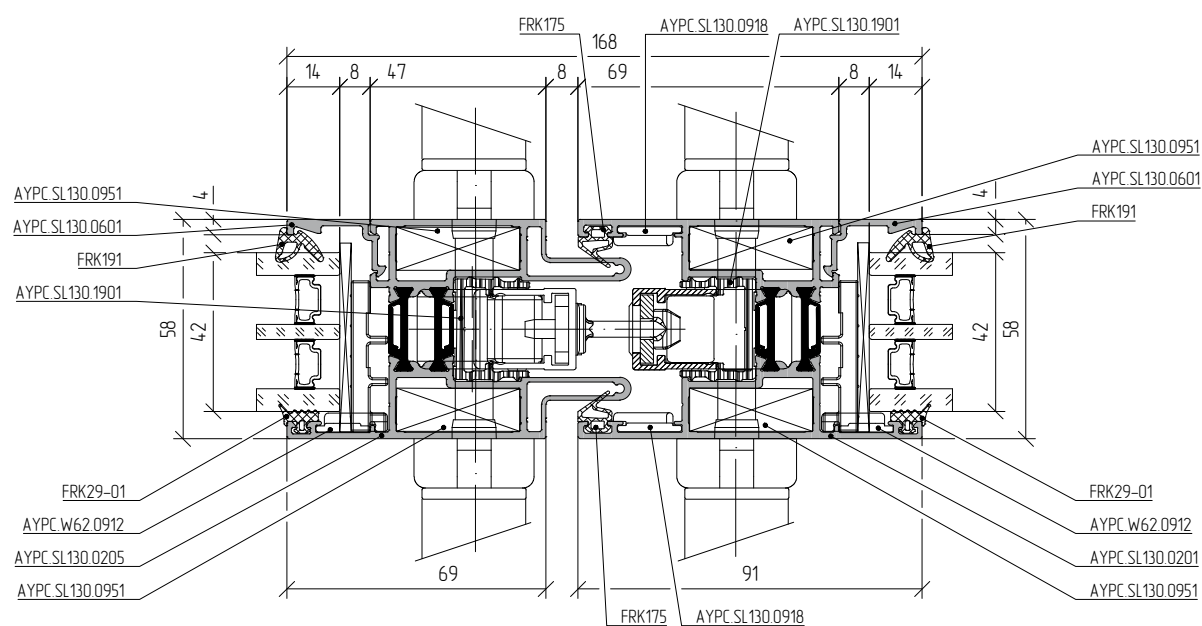
30-30



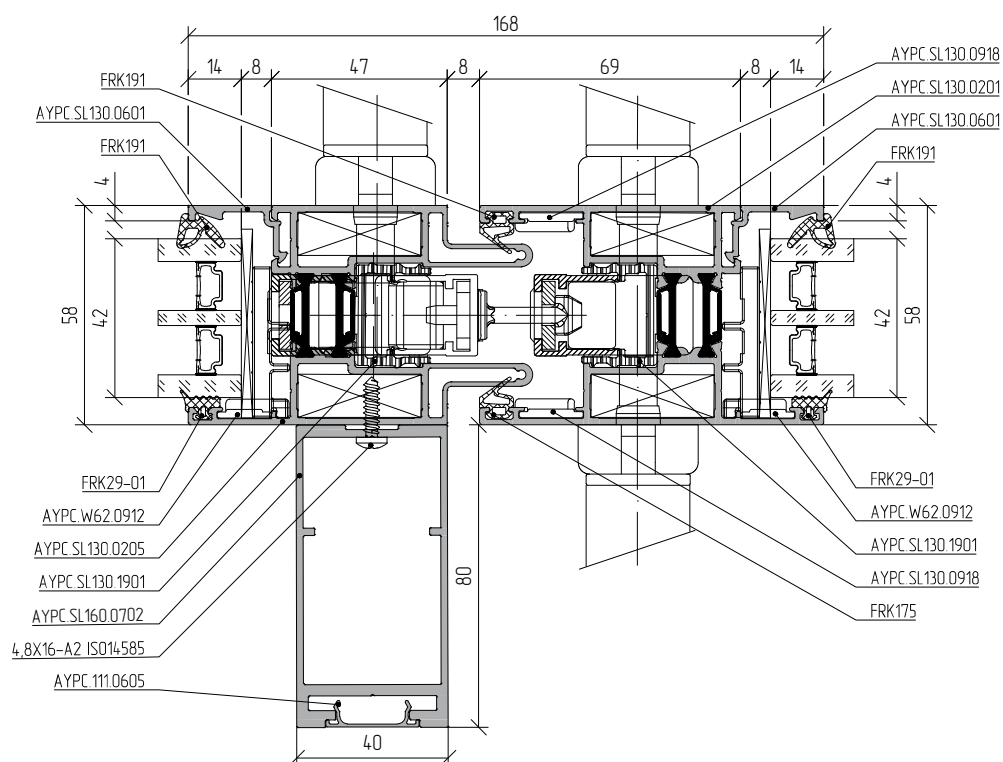
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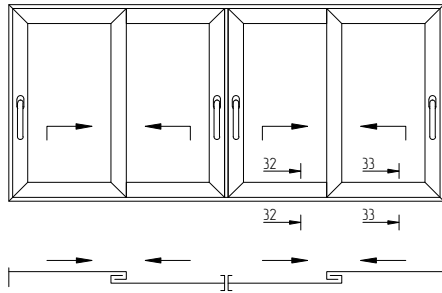
31a-31a



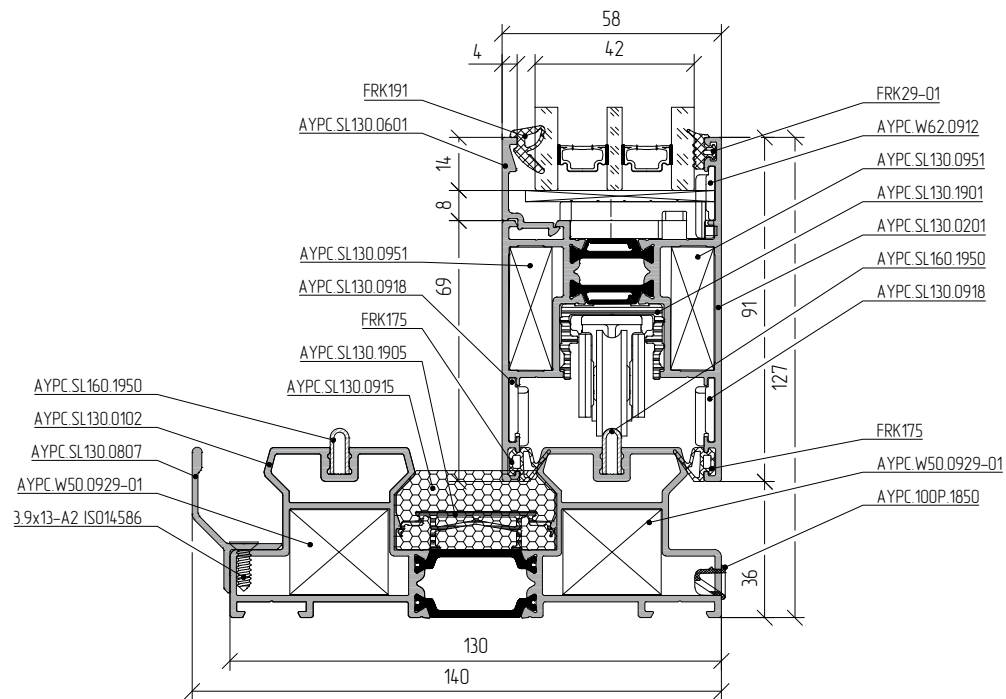
31b-31b



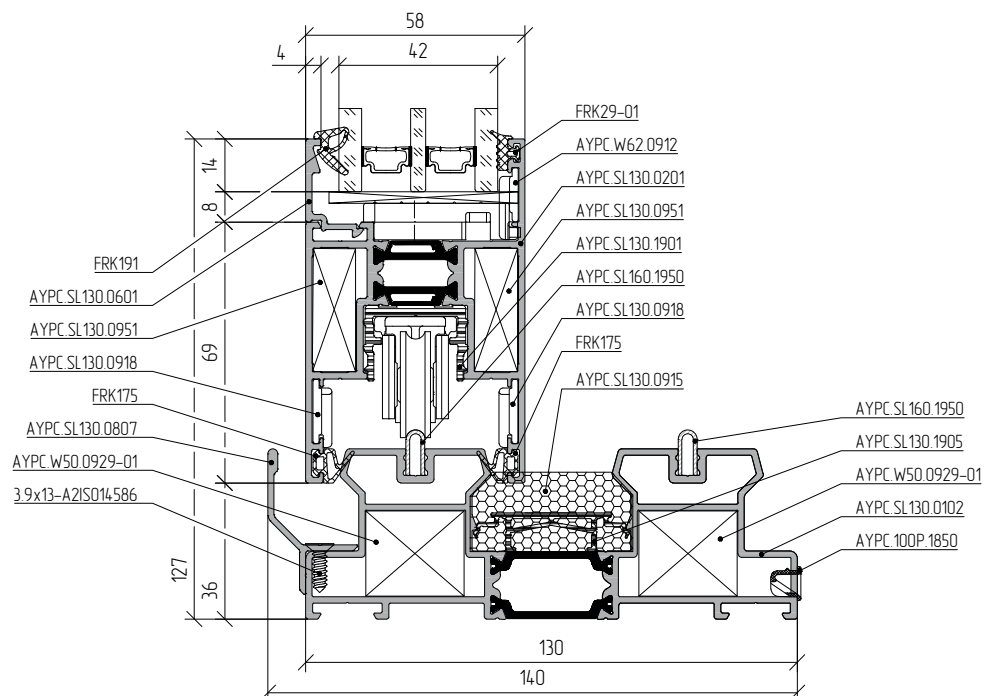
Scale 1:2

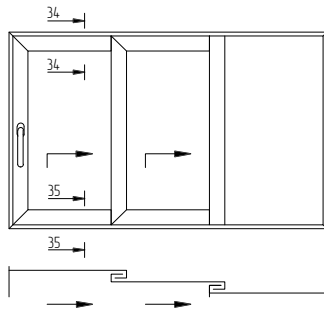


32-32



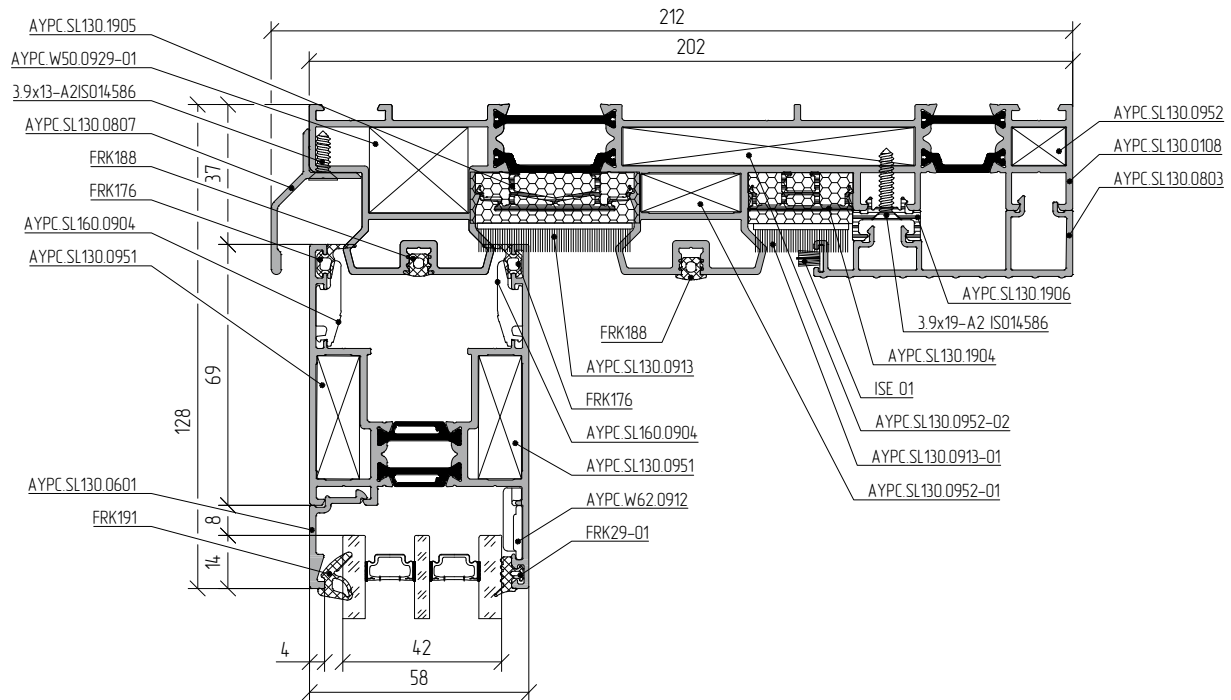
33-33



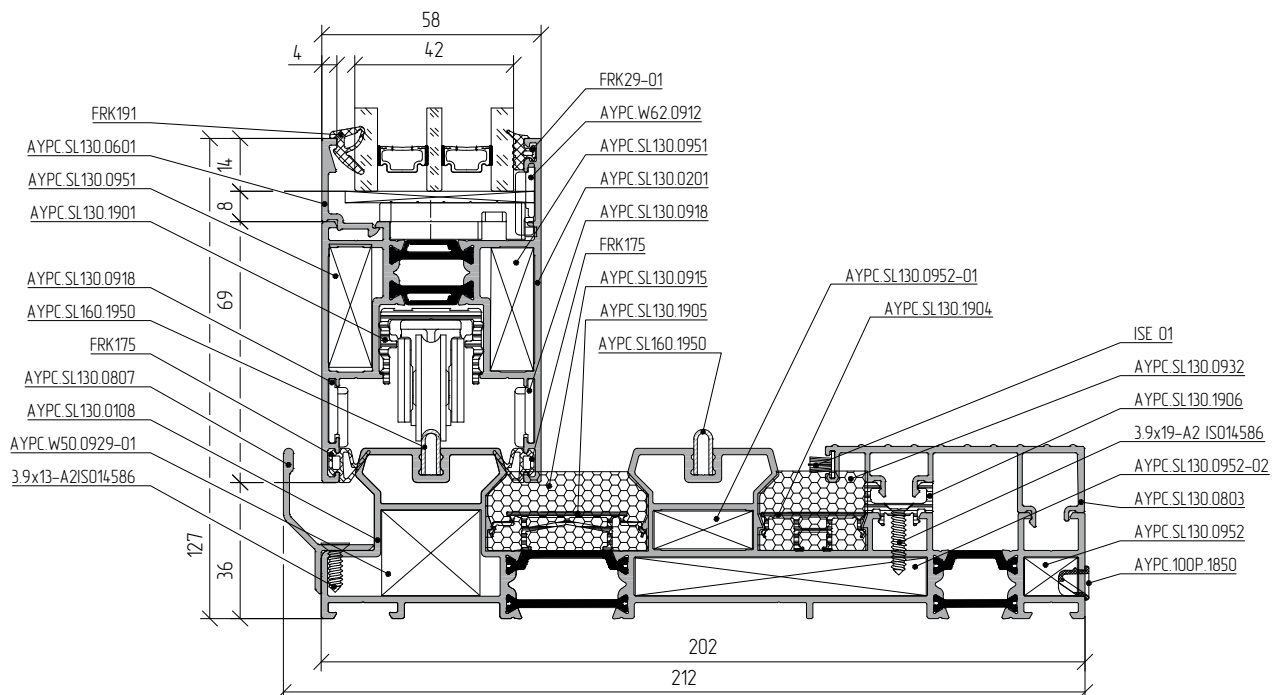


Scale 1:2

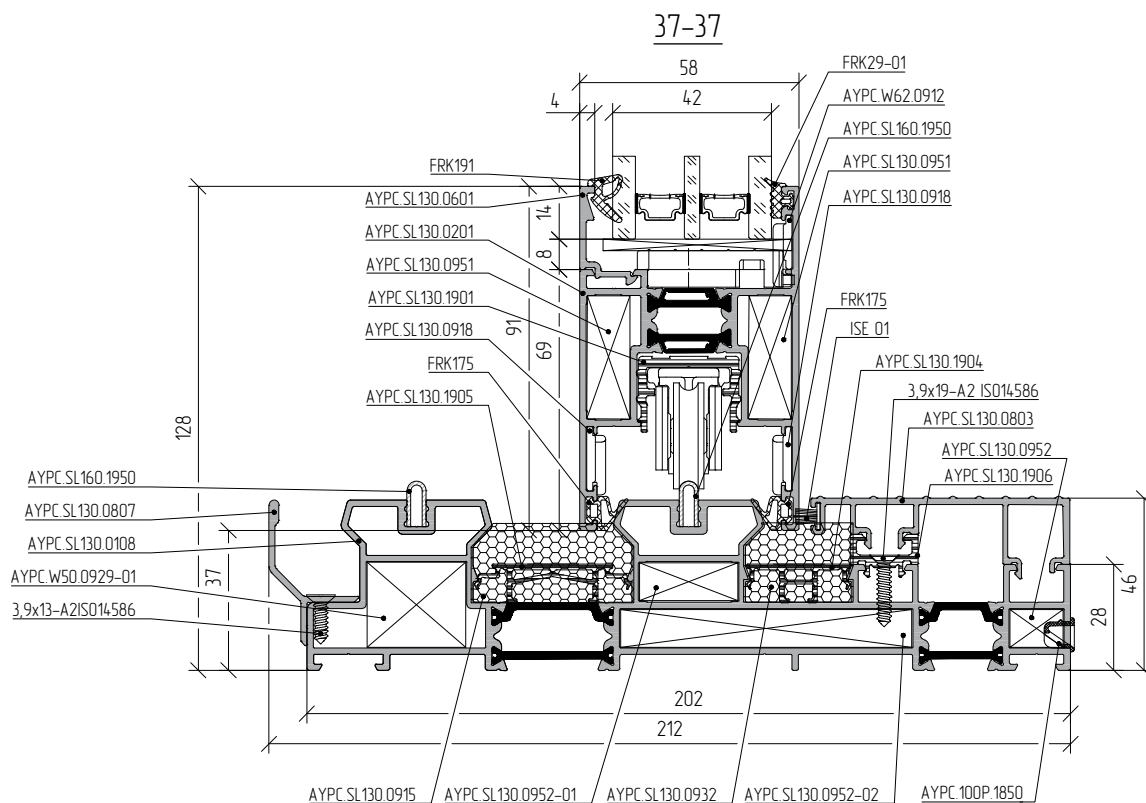
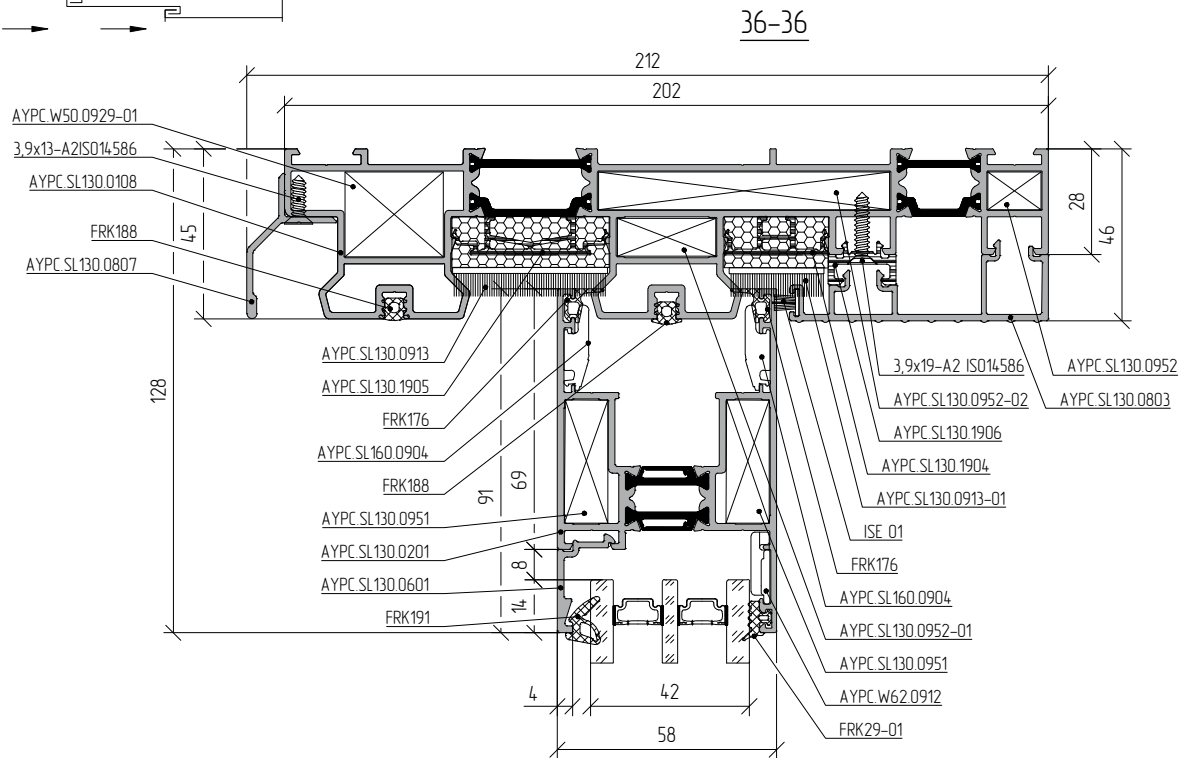
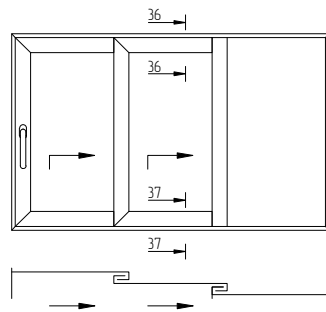
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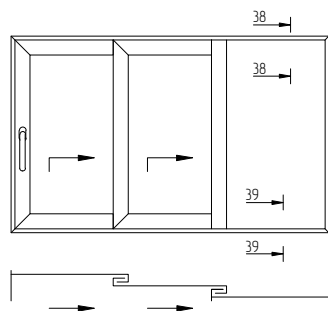


35-35



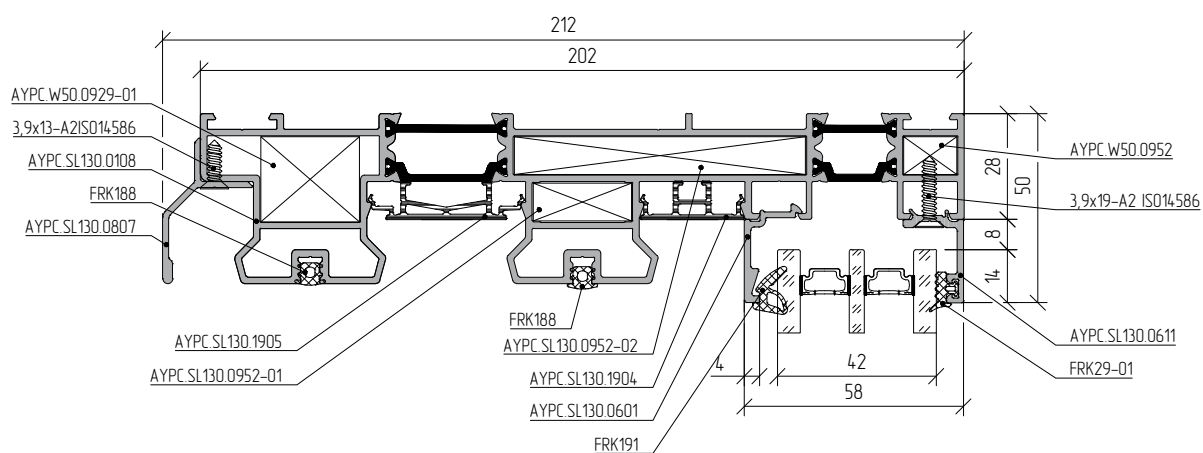
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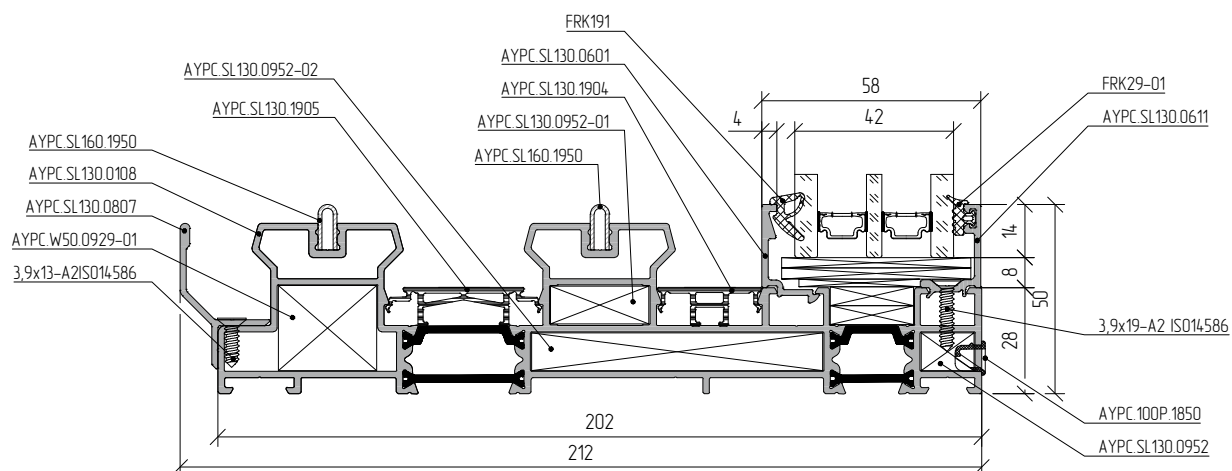


Scale 1:2

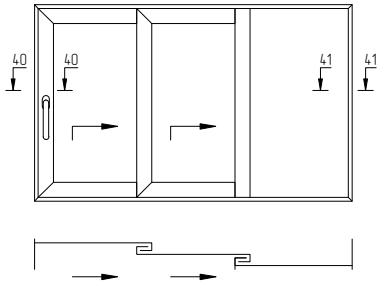
38-38



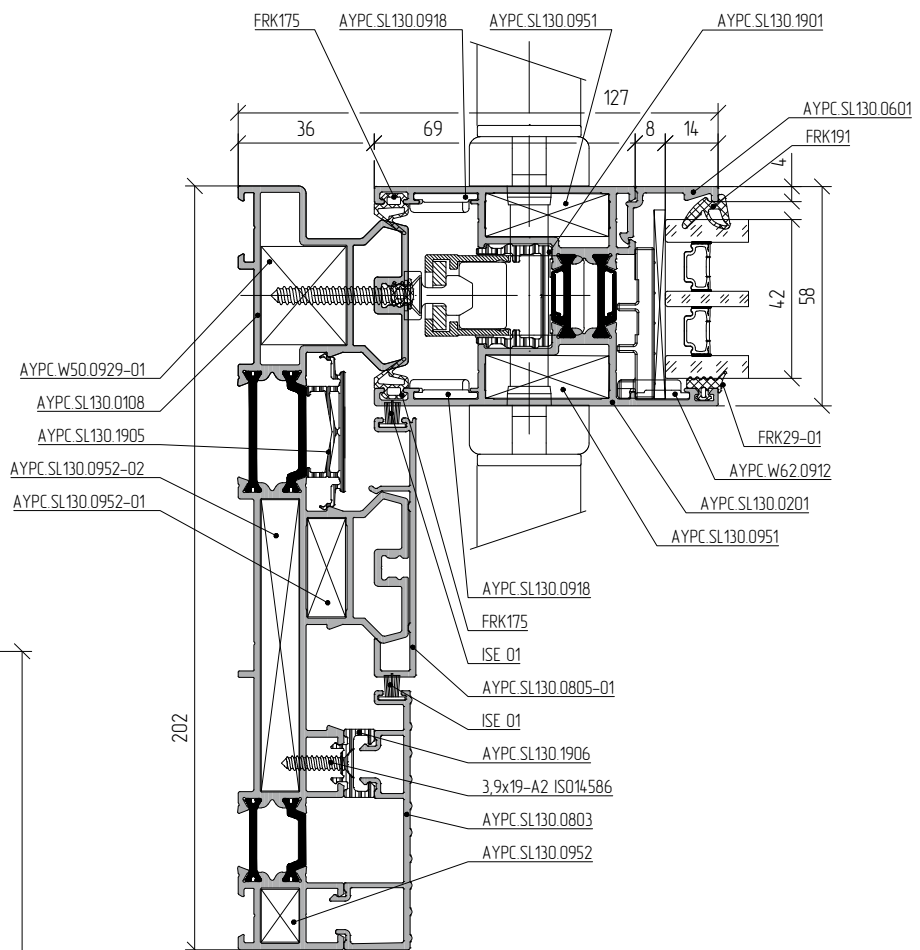
39-39



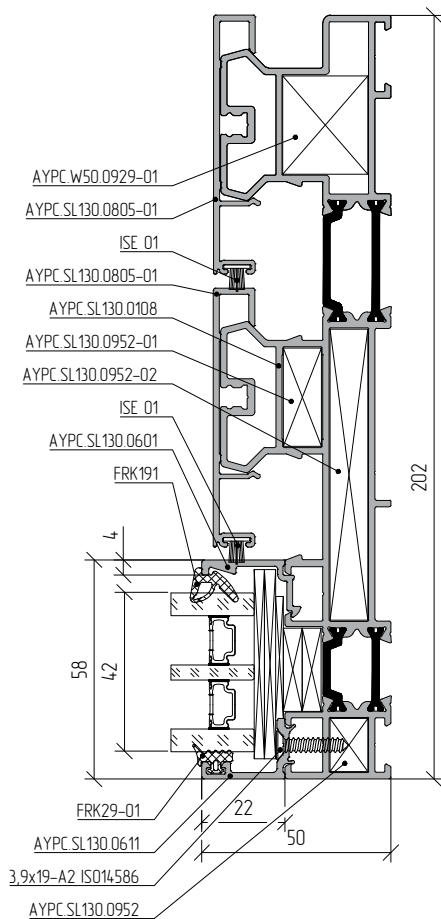
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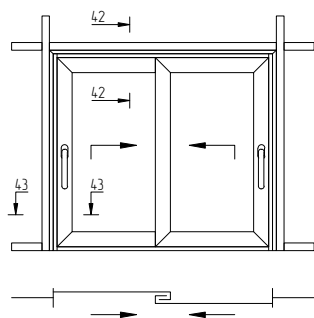


40-40

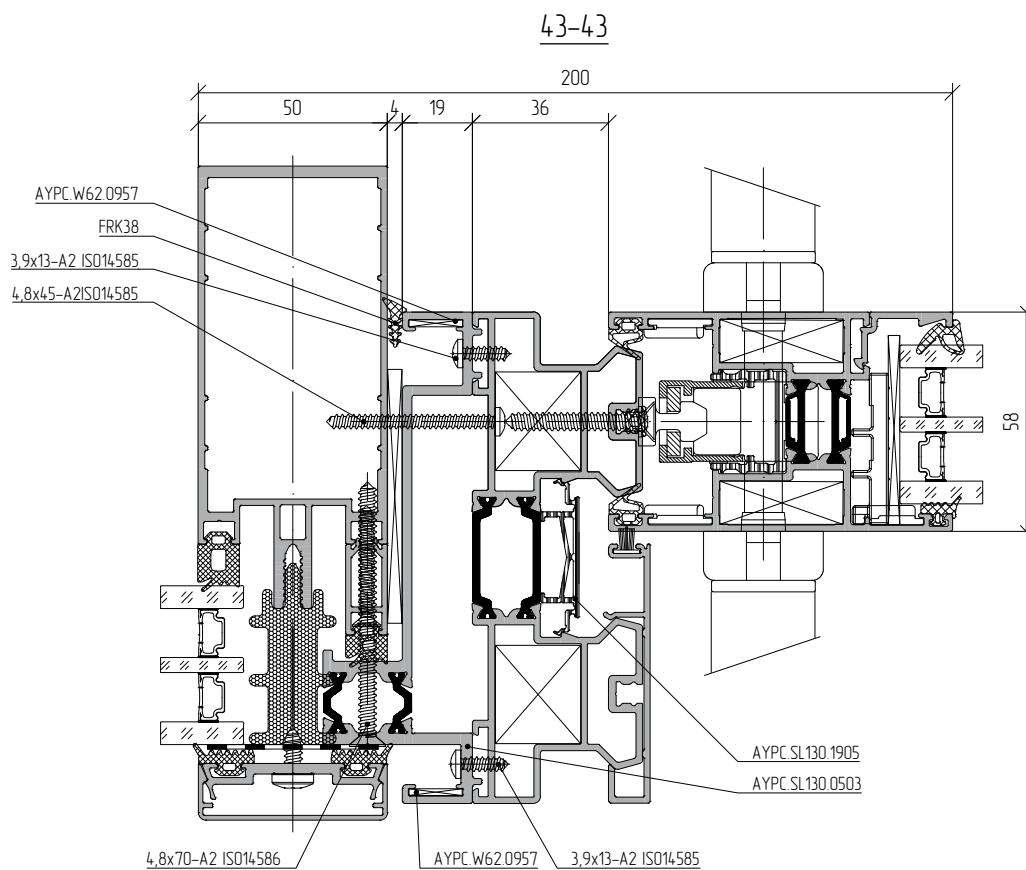
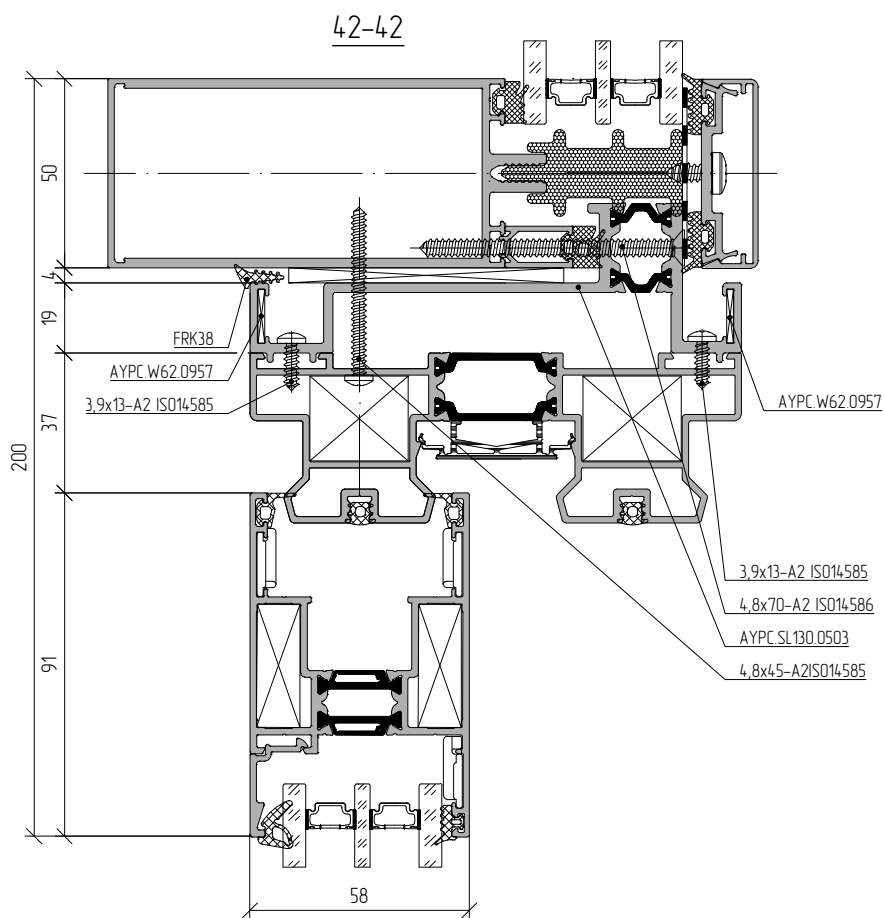


41-41

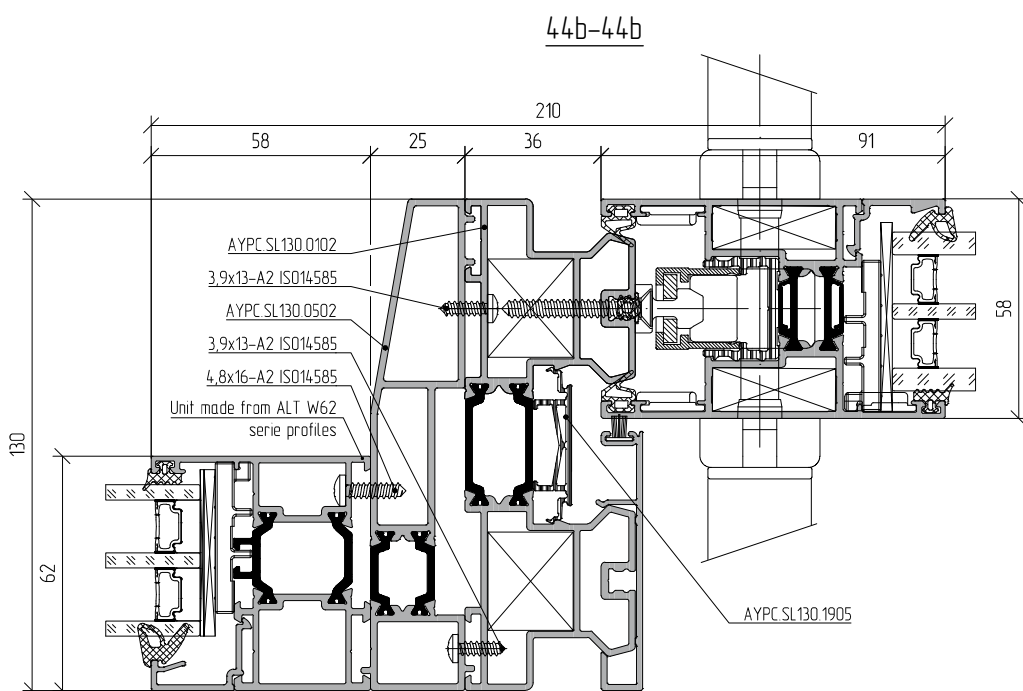
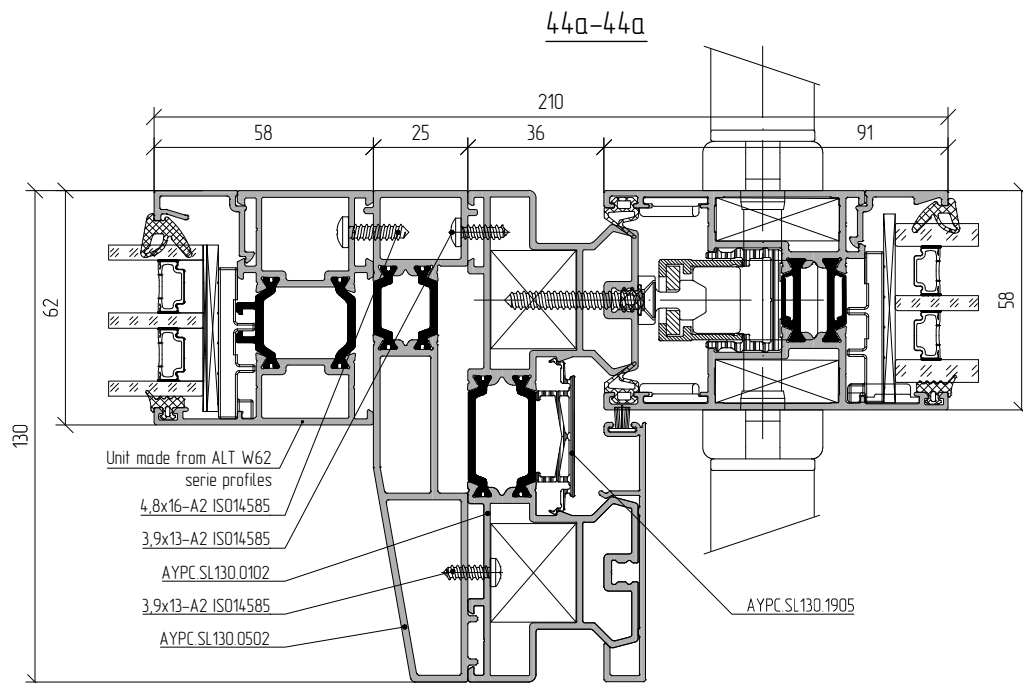
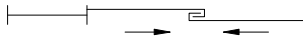
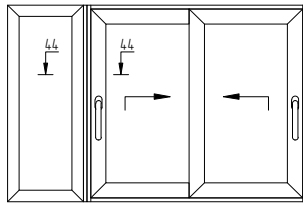


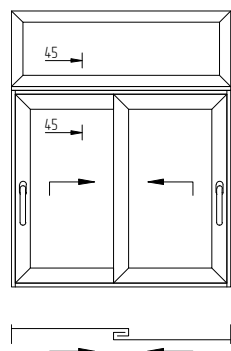


Scale 1:2



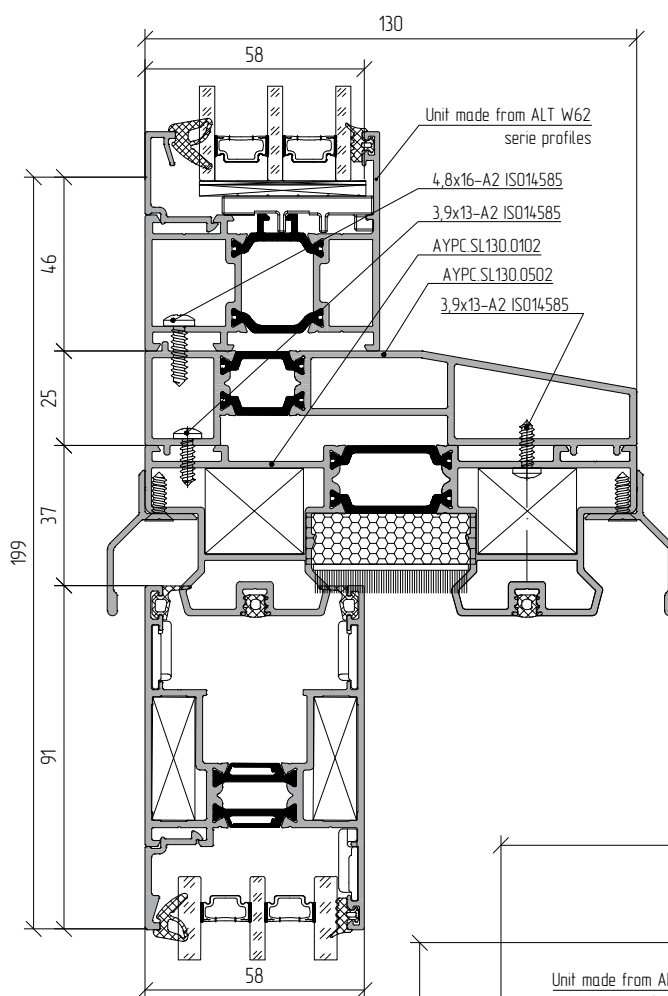
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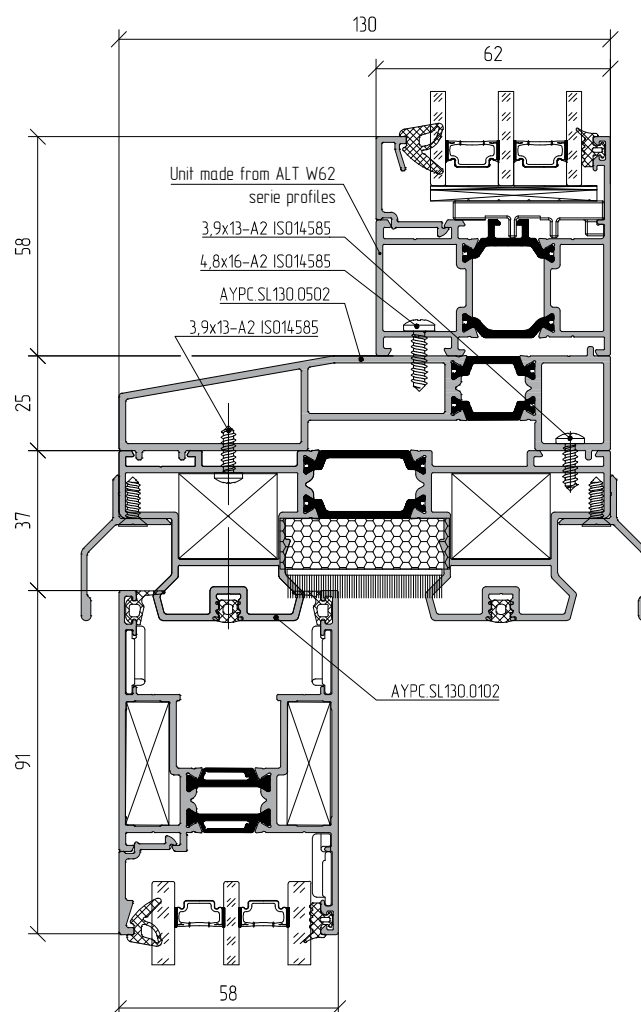


45a-45a

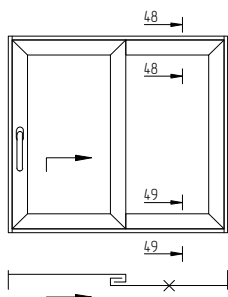
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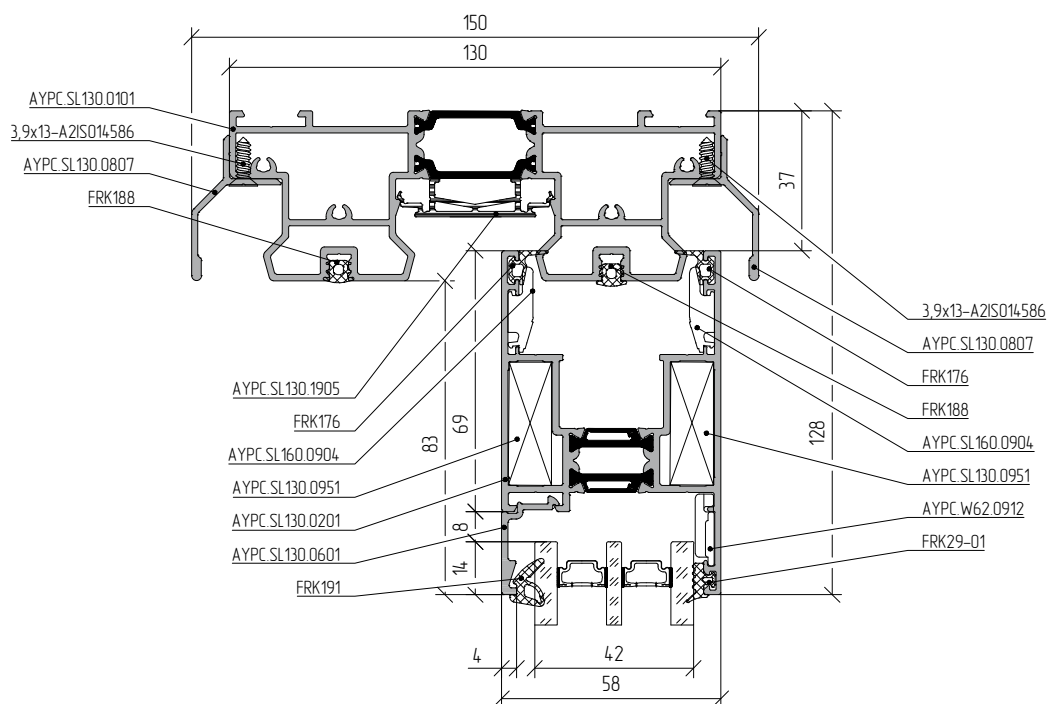
45b-45b



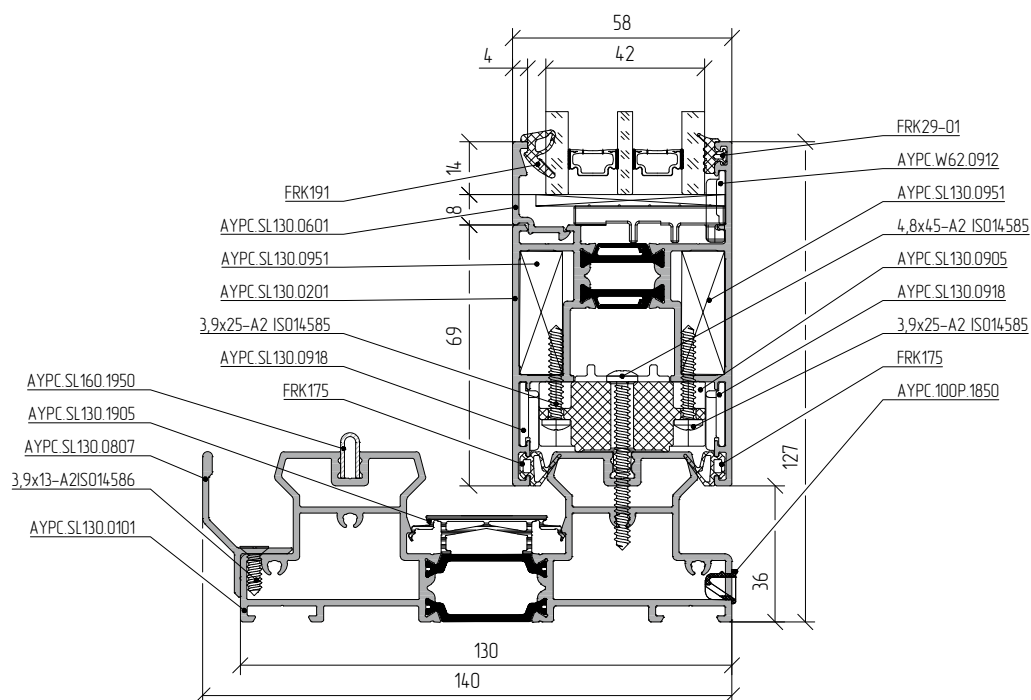
Scale 1:2



48-48



49-49



Scale 1:2

02

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04

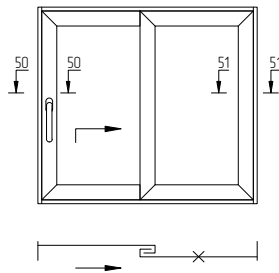
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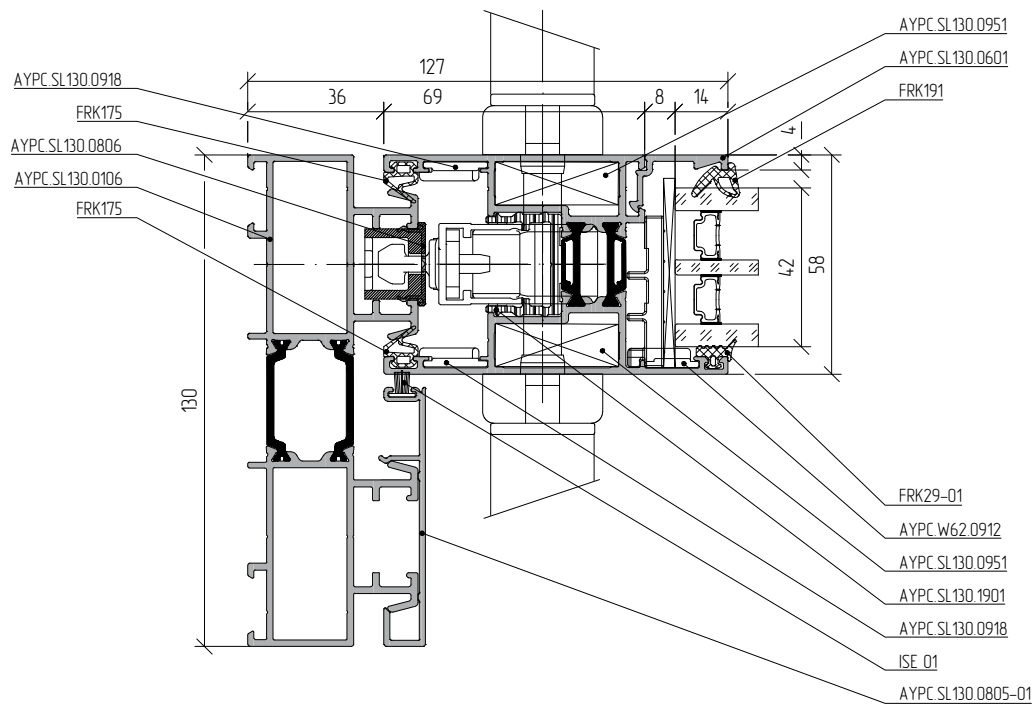
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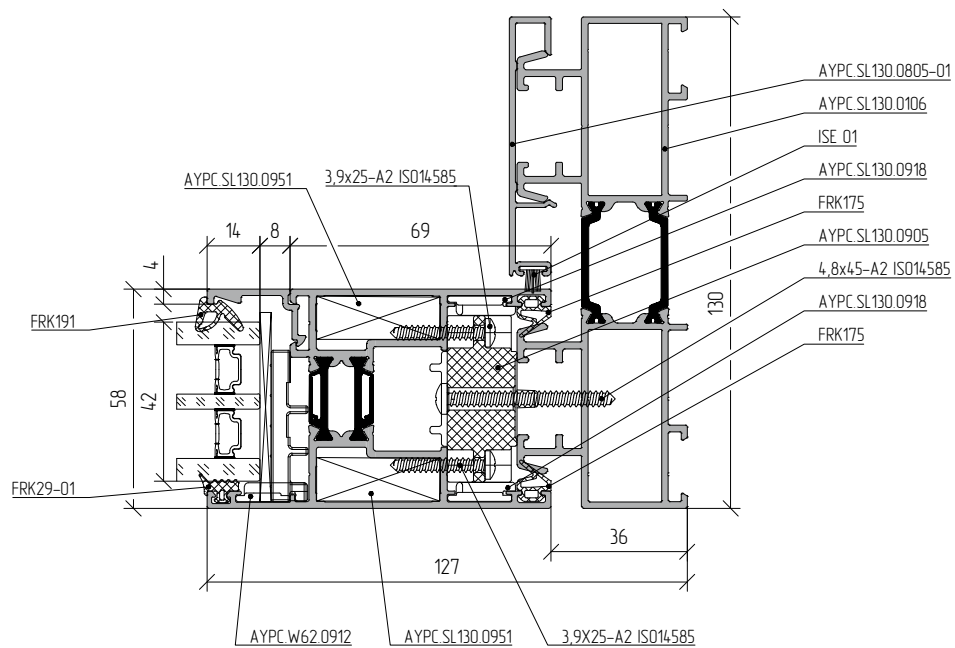
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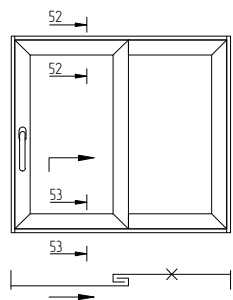
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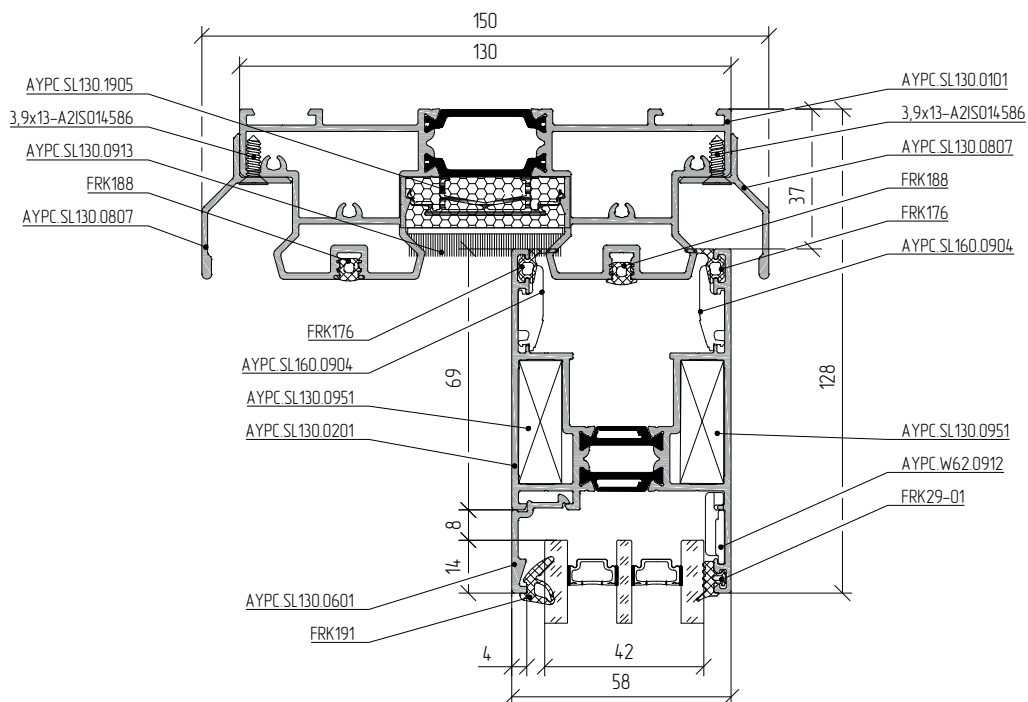
51-51



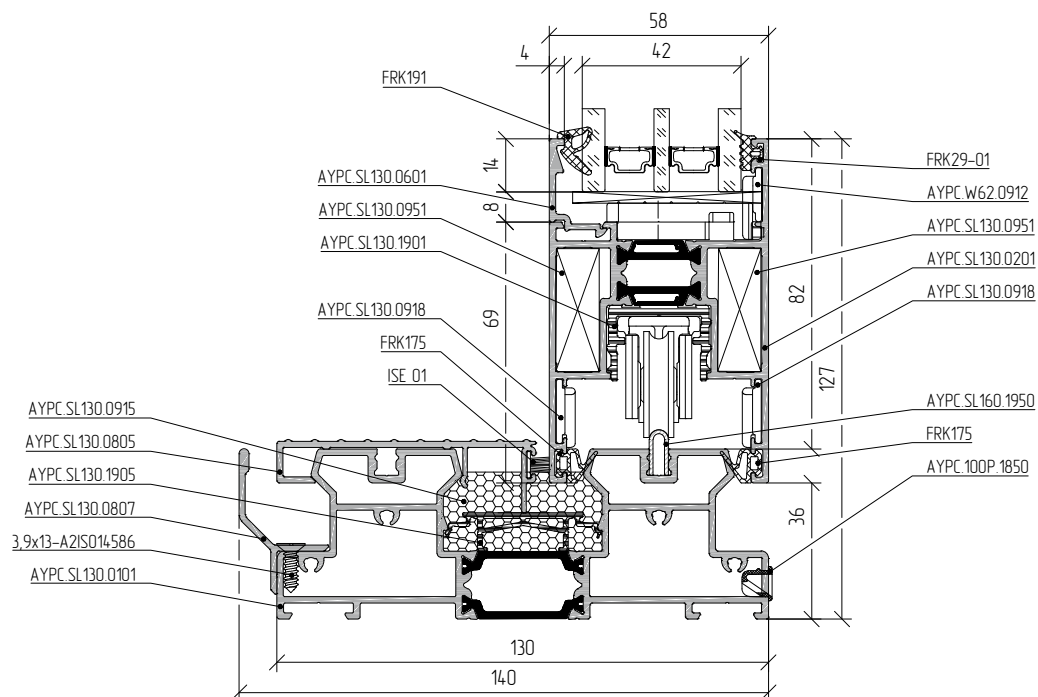
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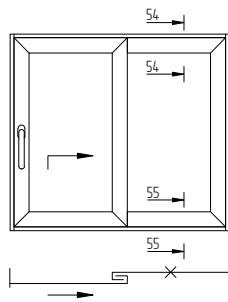
52-52



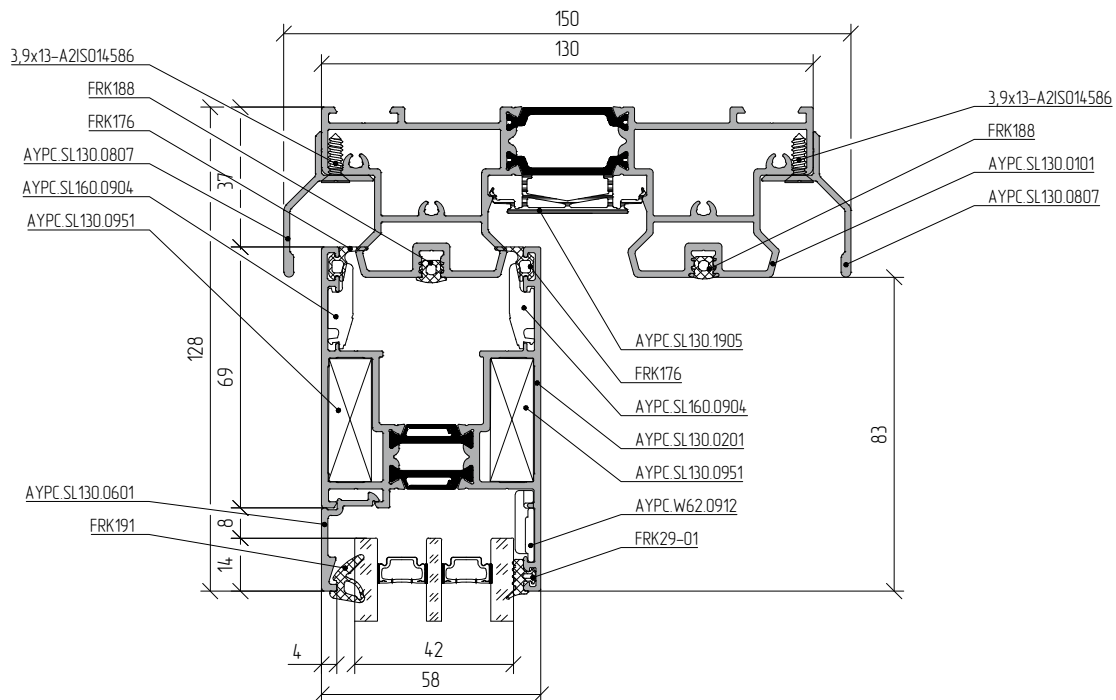
53-53



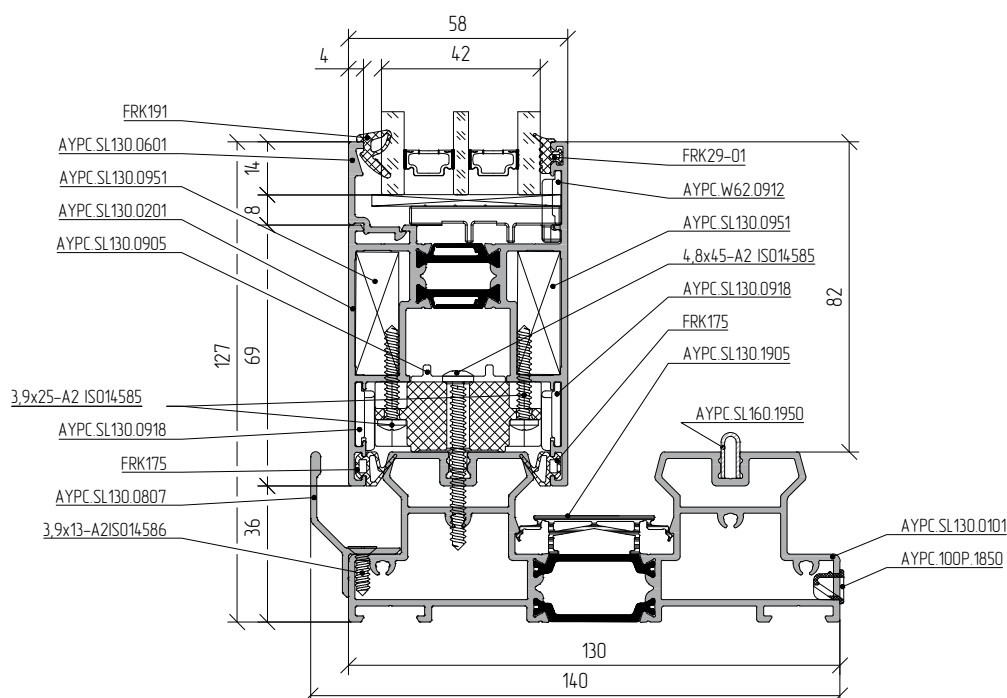
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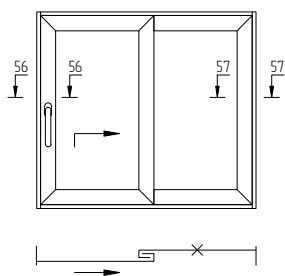
54-54



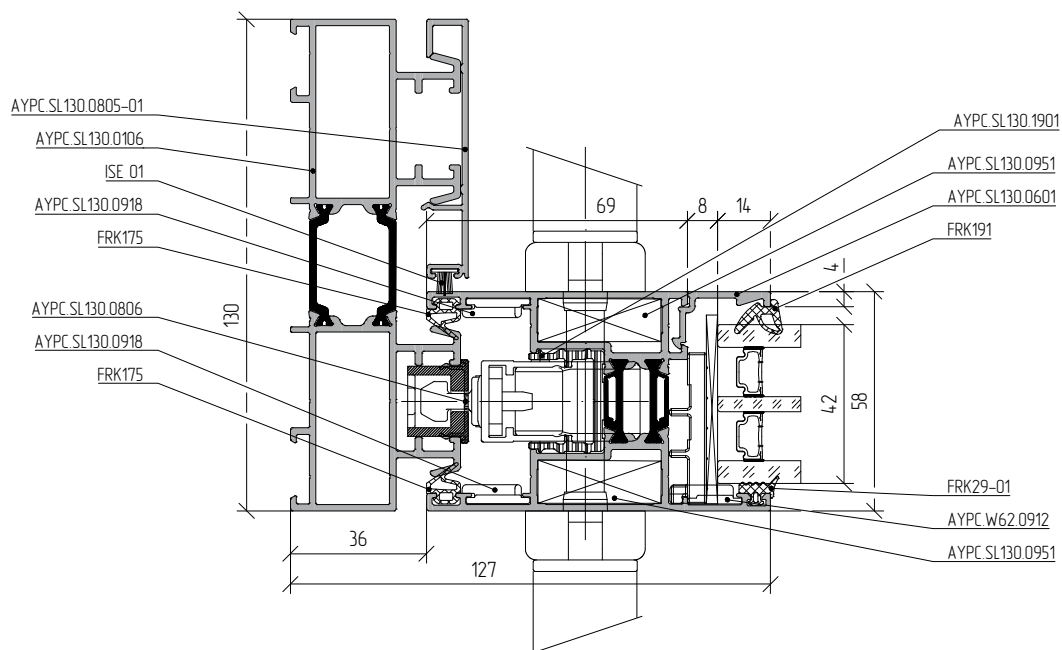
55-55



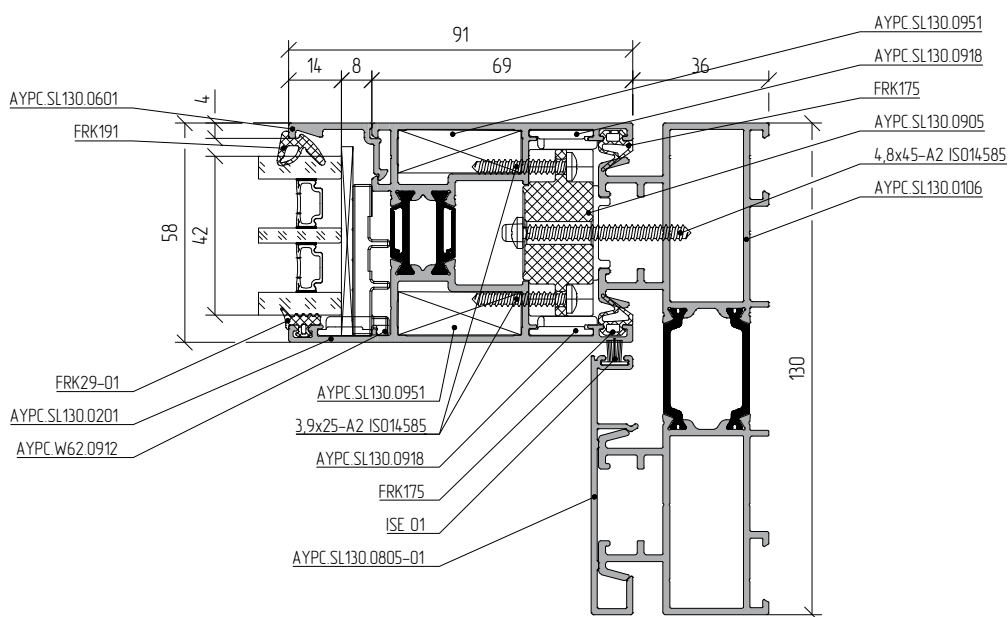
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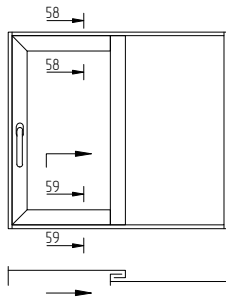
56-56



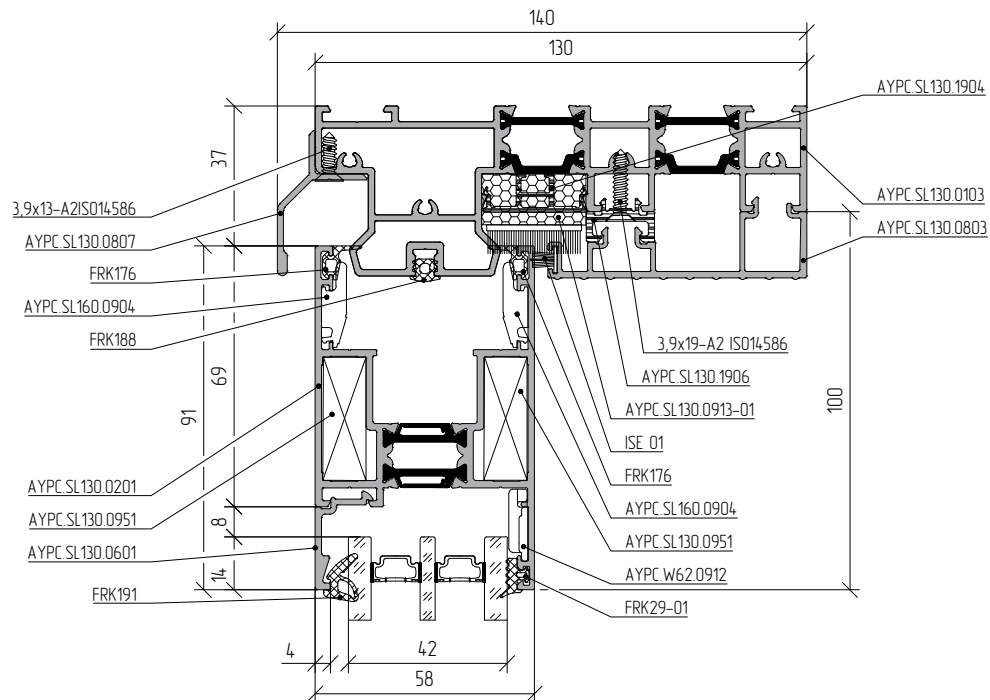
57-57



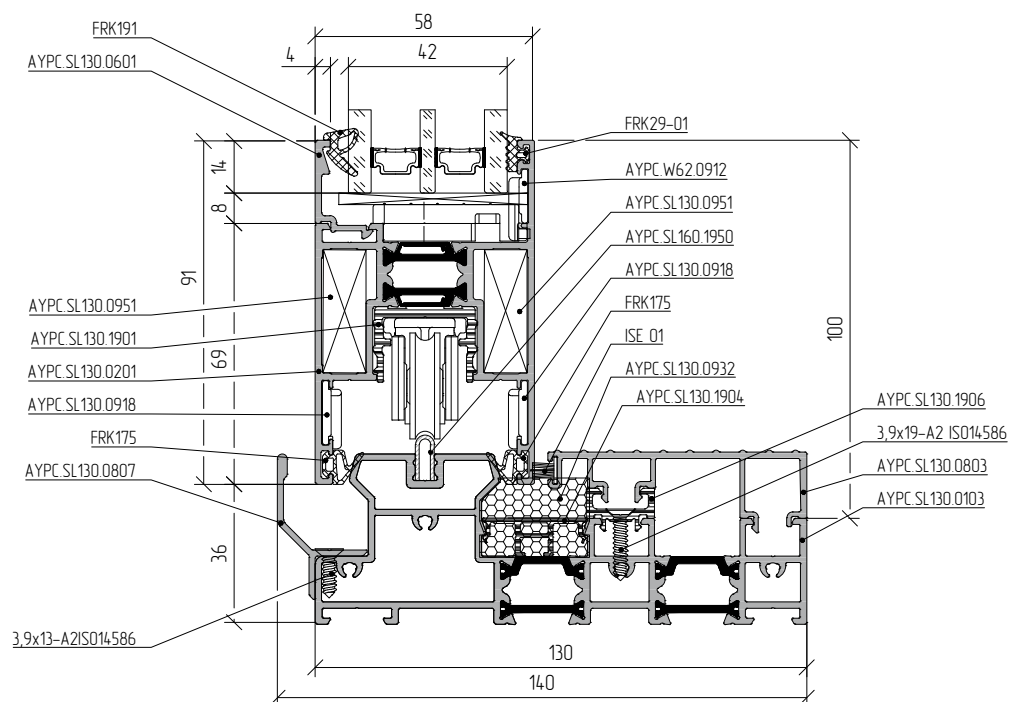
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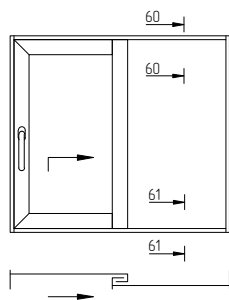


58-58



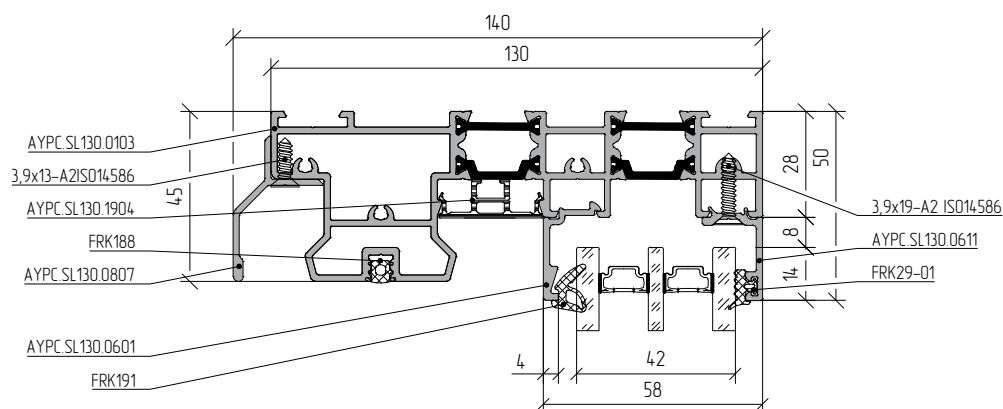
59-59



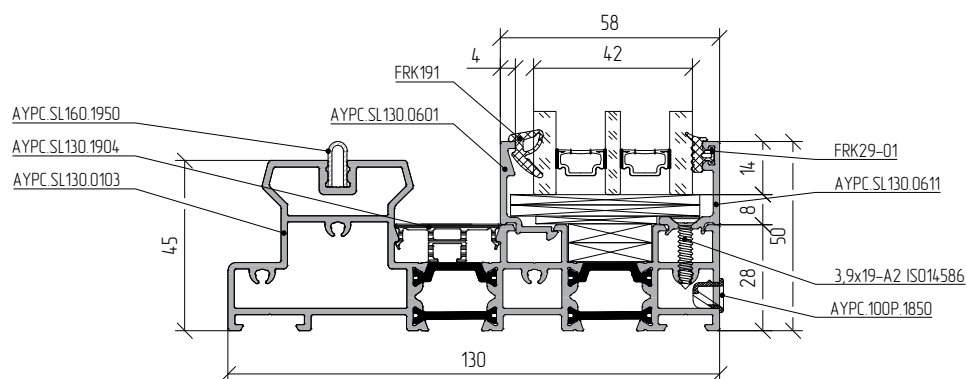


Scale 1:2

60-60



61-61



Scale 1:2

02

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04

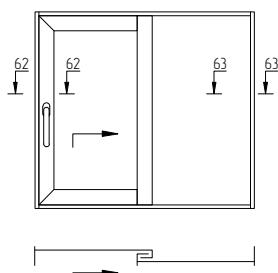
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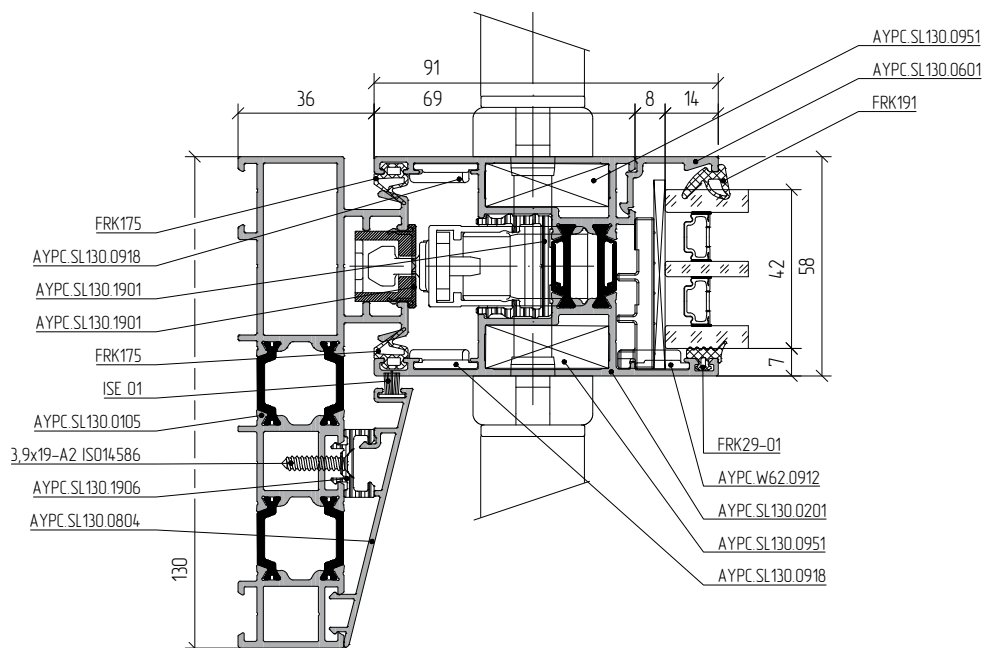
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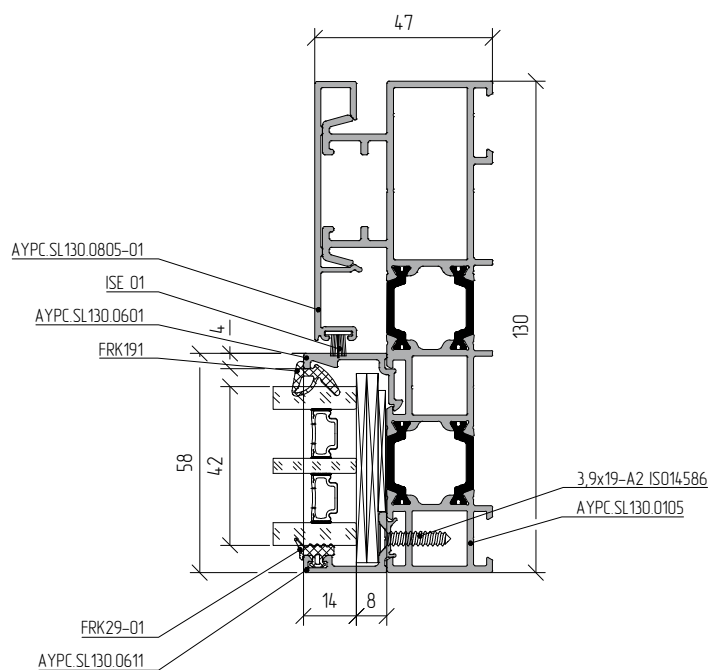
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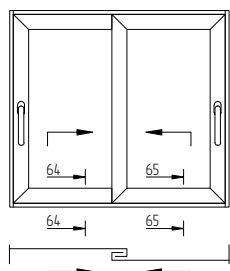
62-62



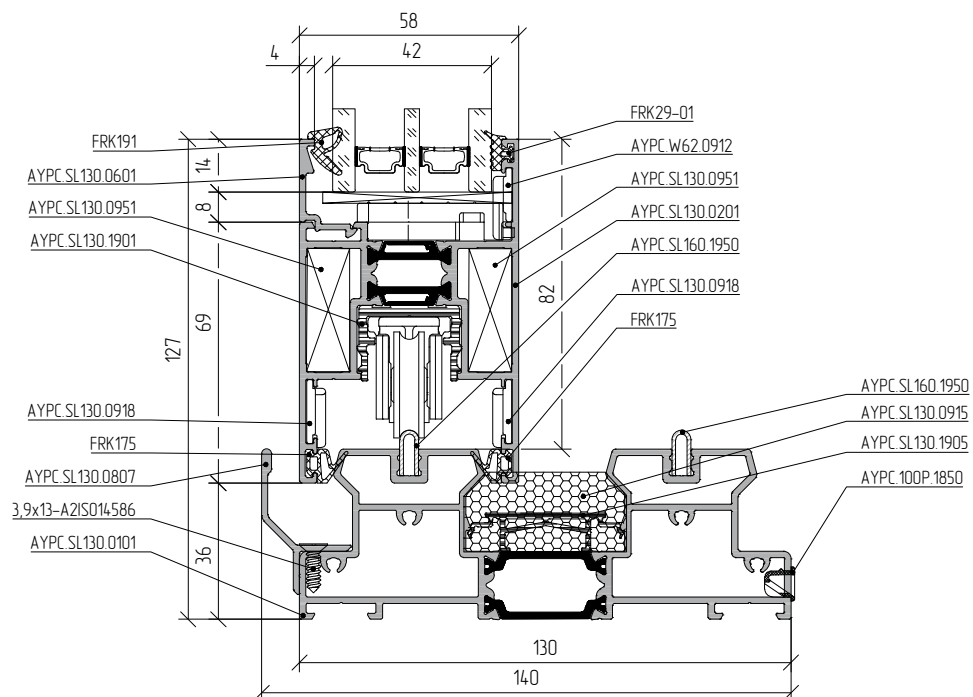
63-63



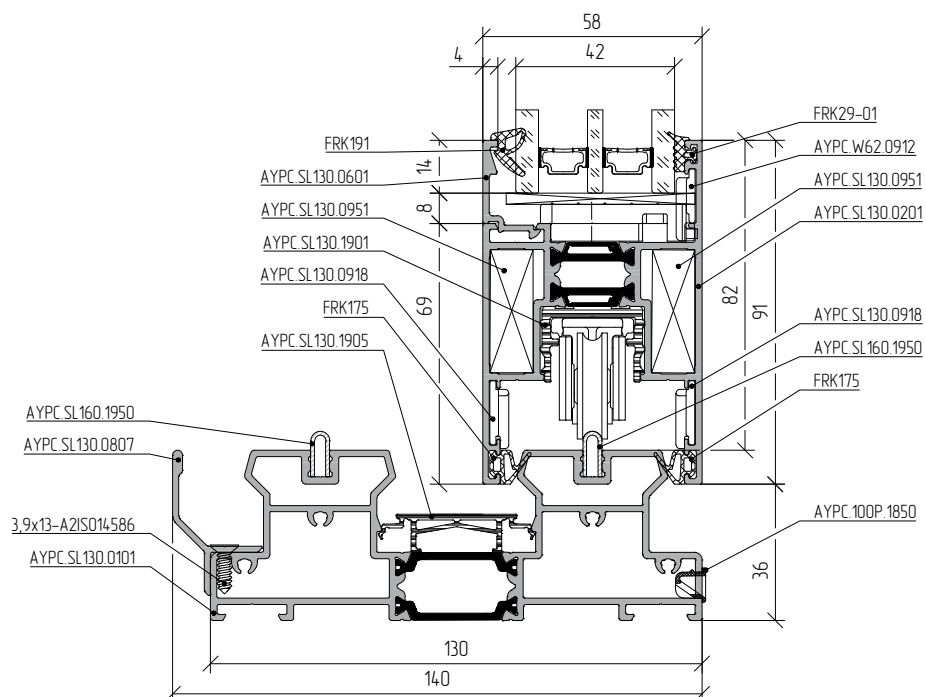
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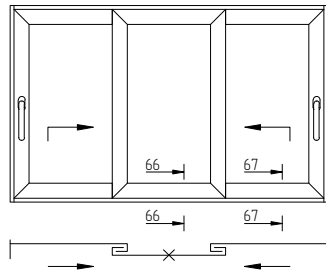
64-64



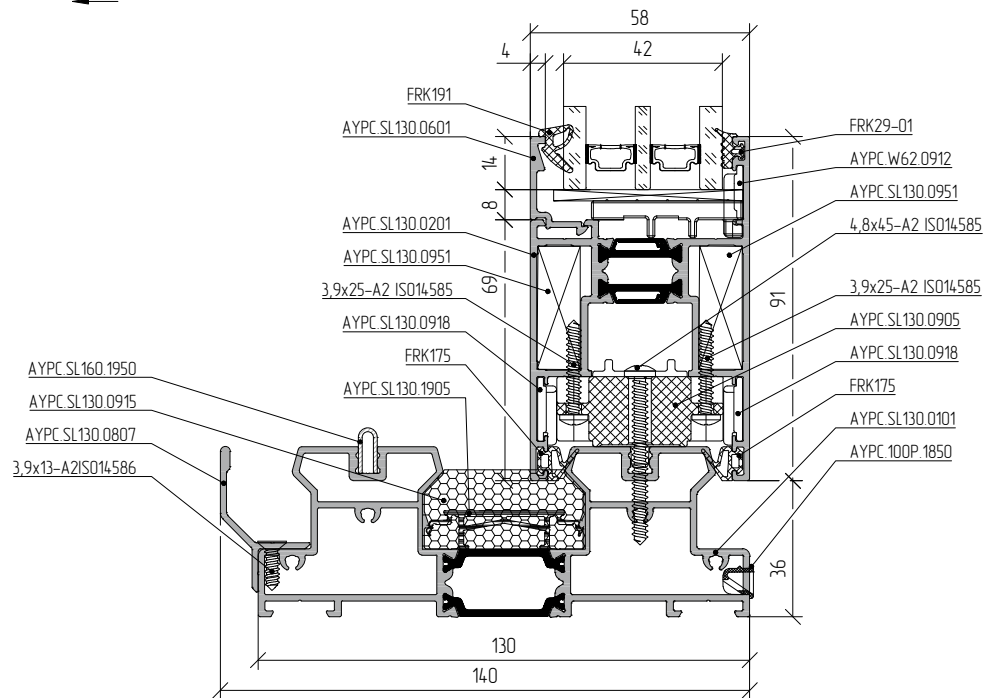
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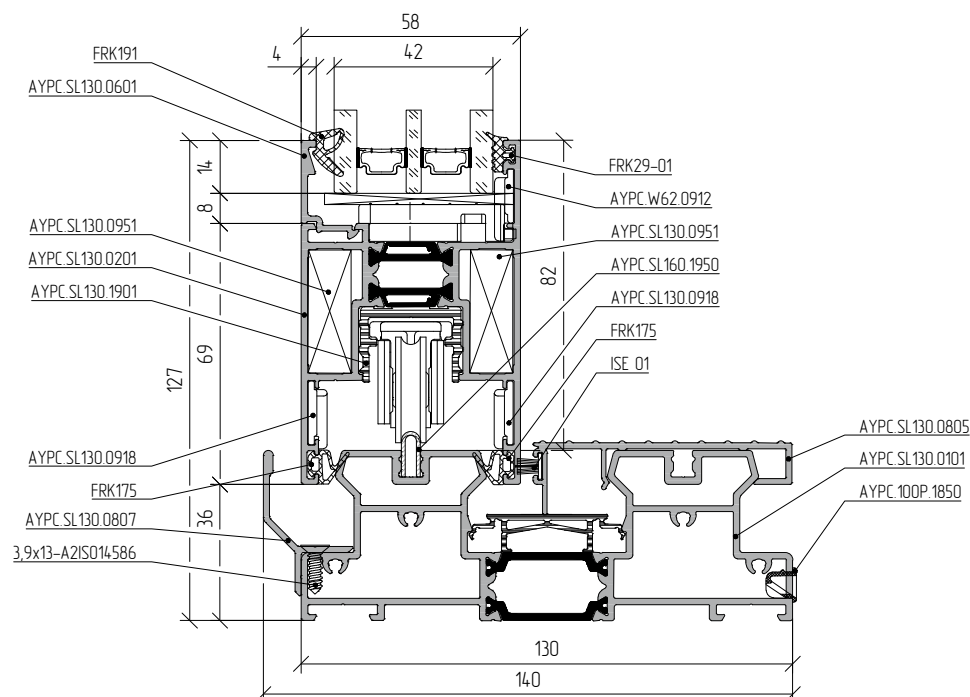
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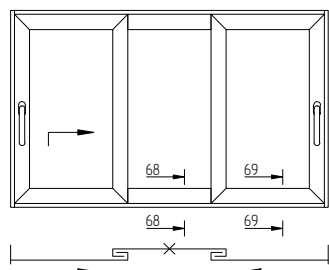
66-66



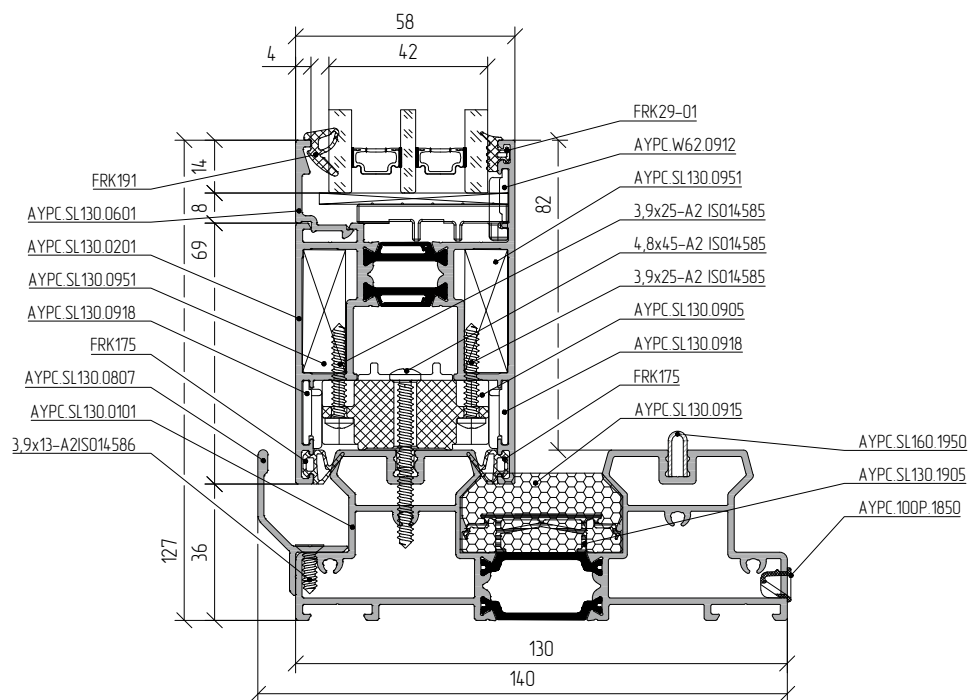
67-67



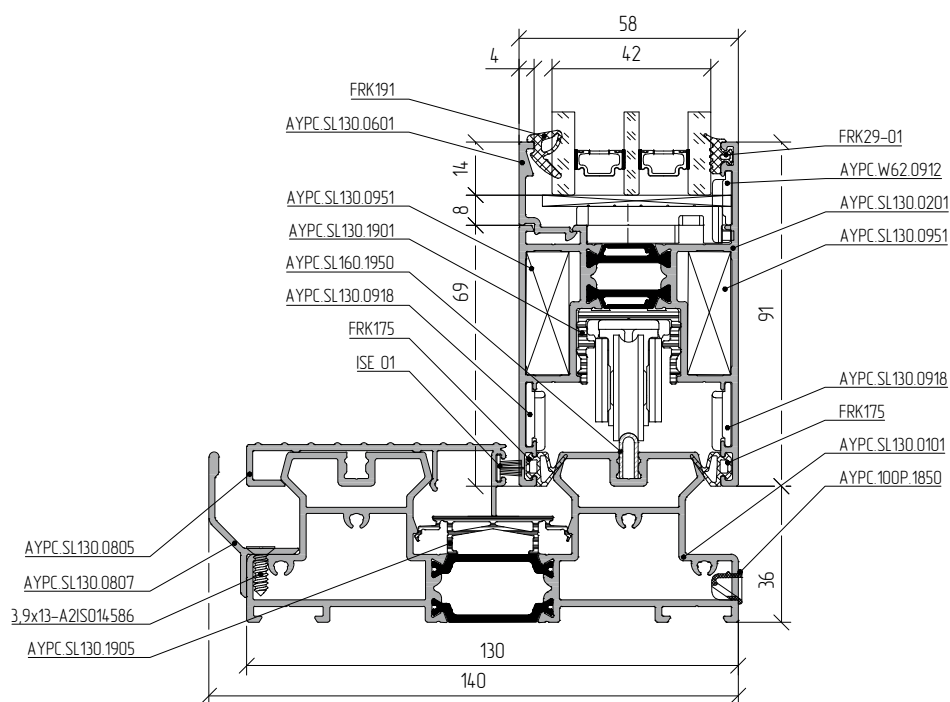
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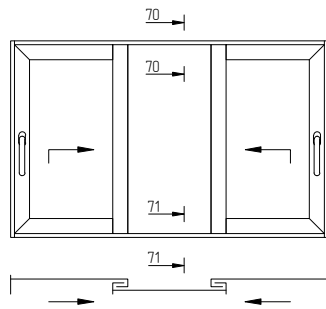


68-68



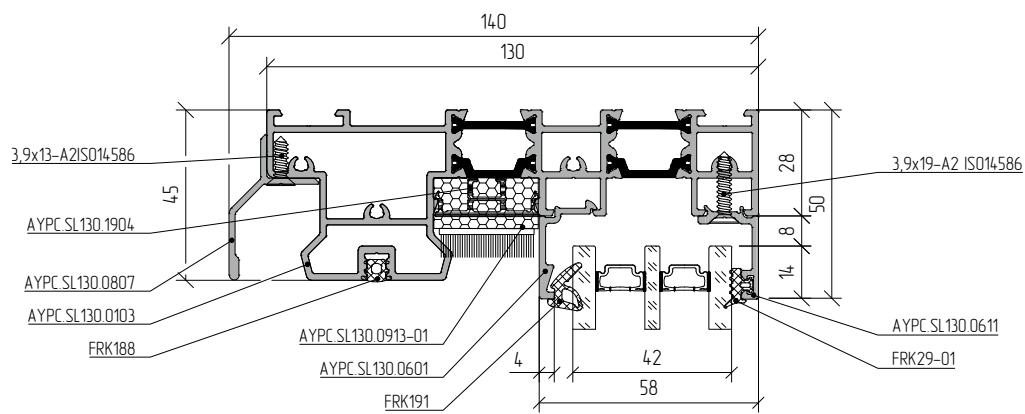
69-69



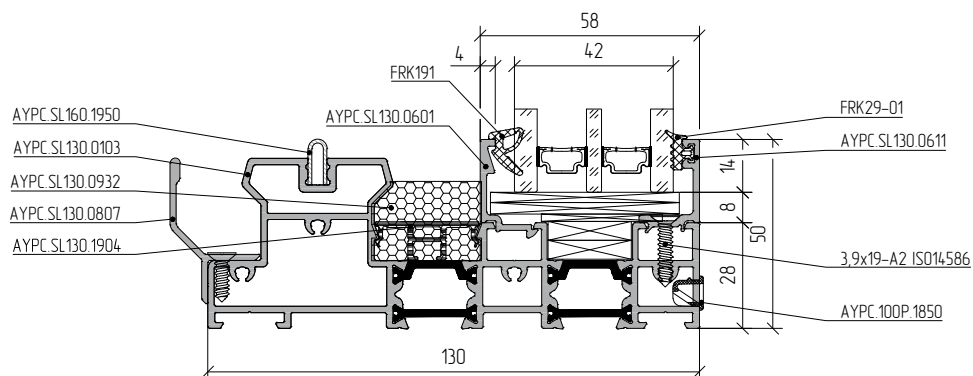


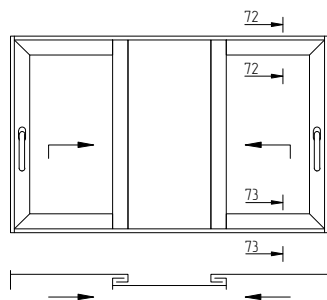
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70-70



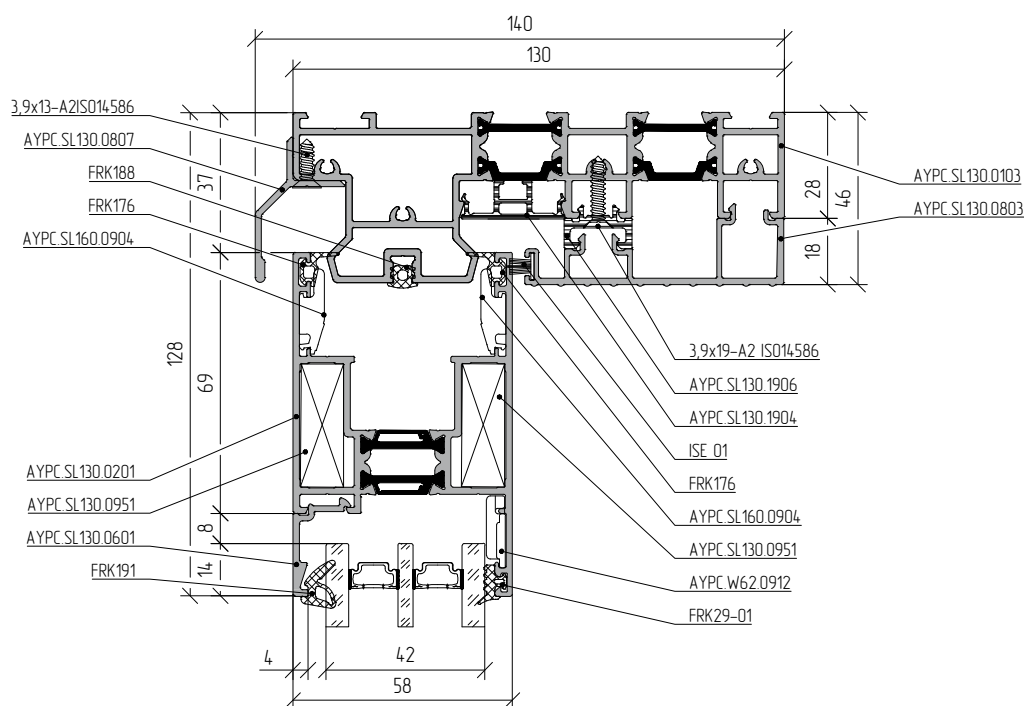
71-71



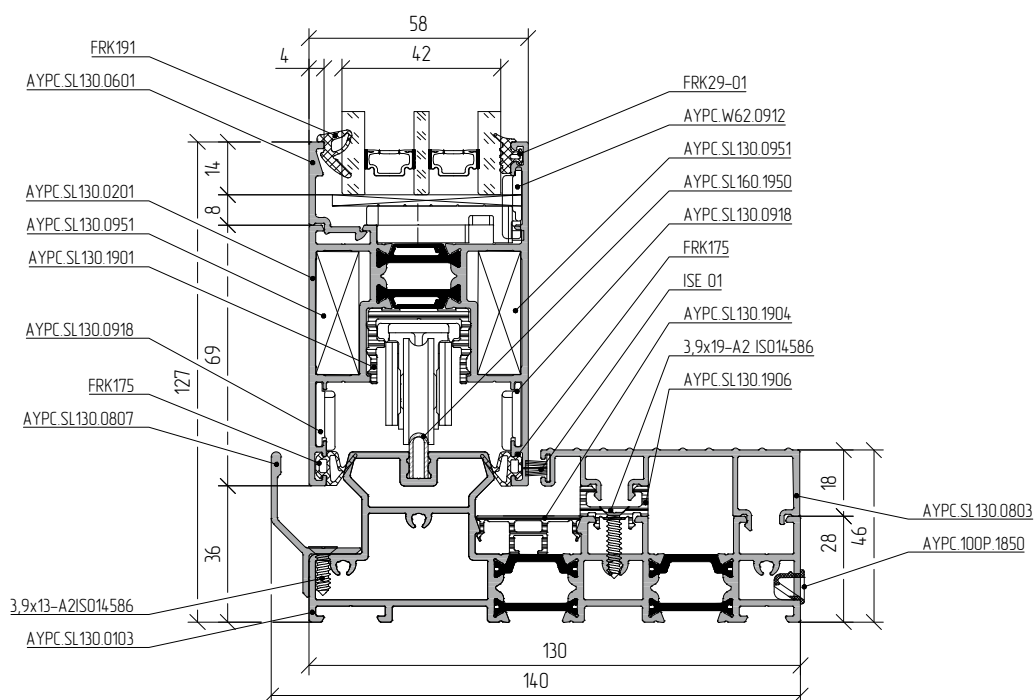


Scale 1:2

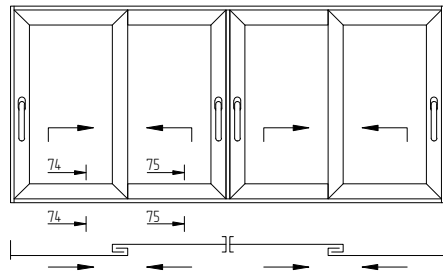
72-72



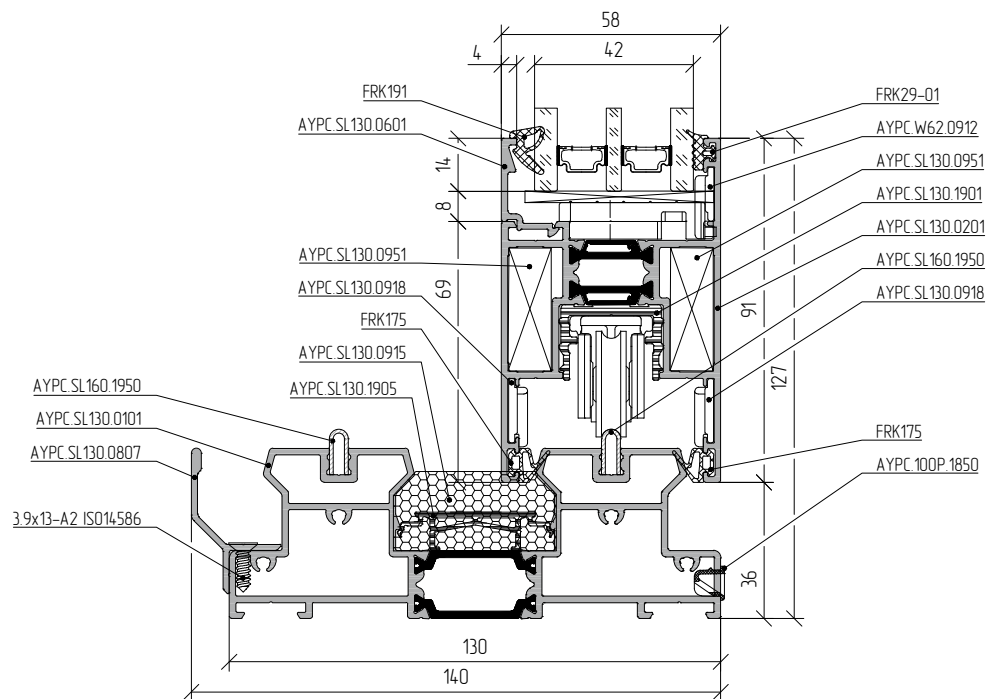
73-73



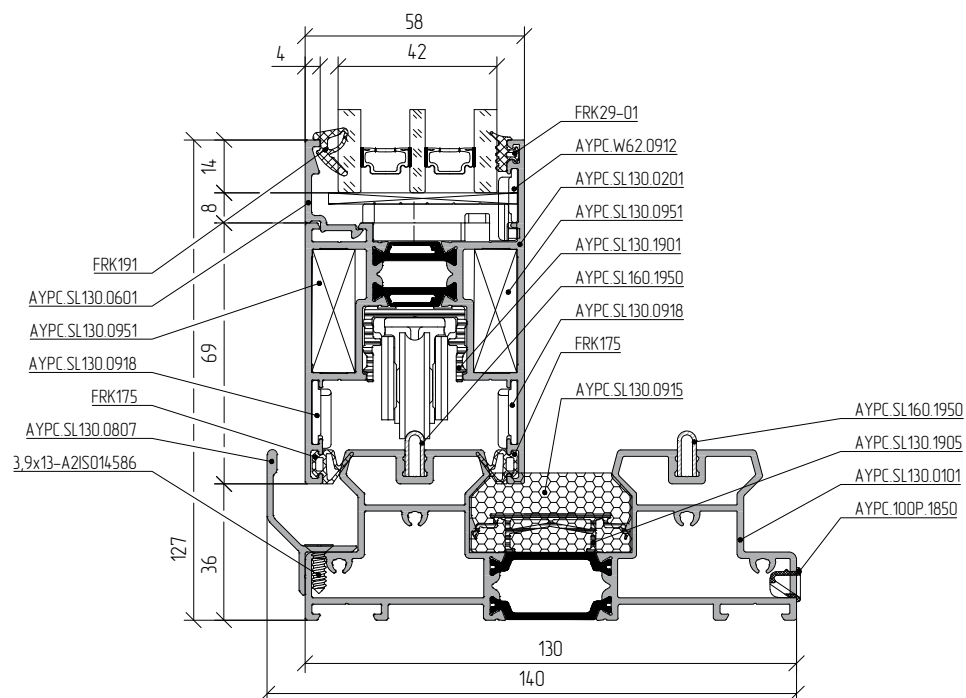
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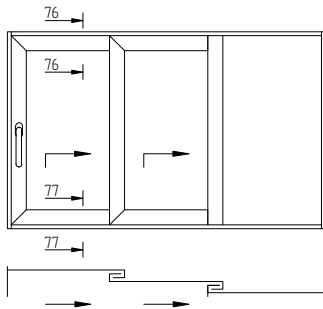
74-74



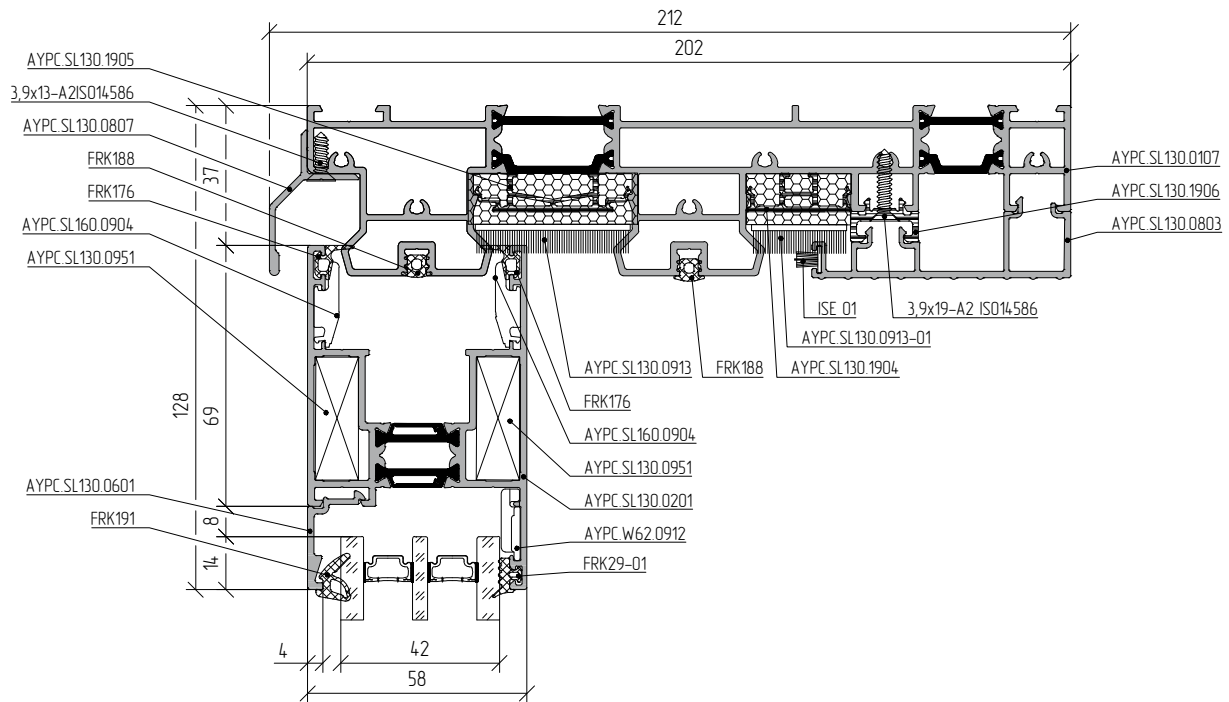
75-75



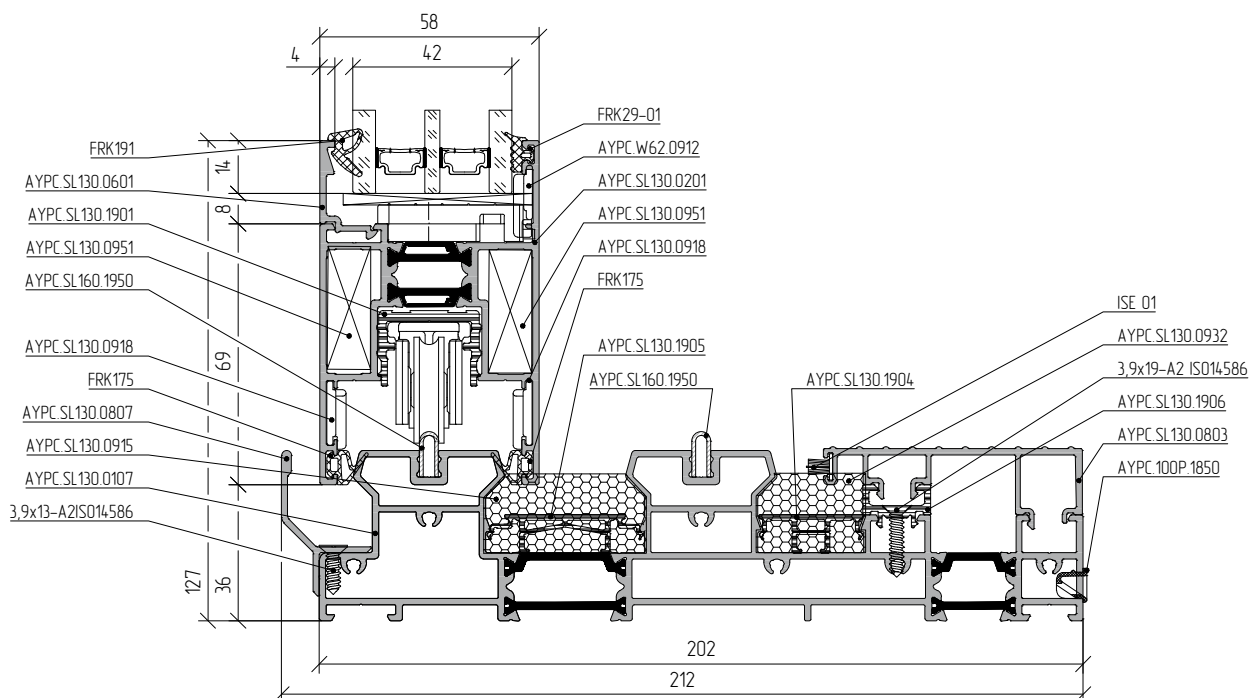
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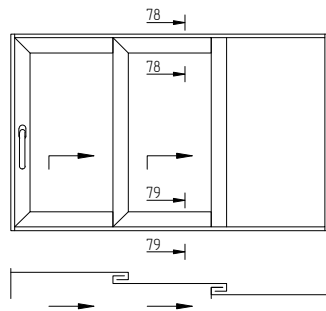
76-76



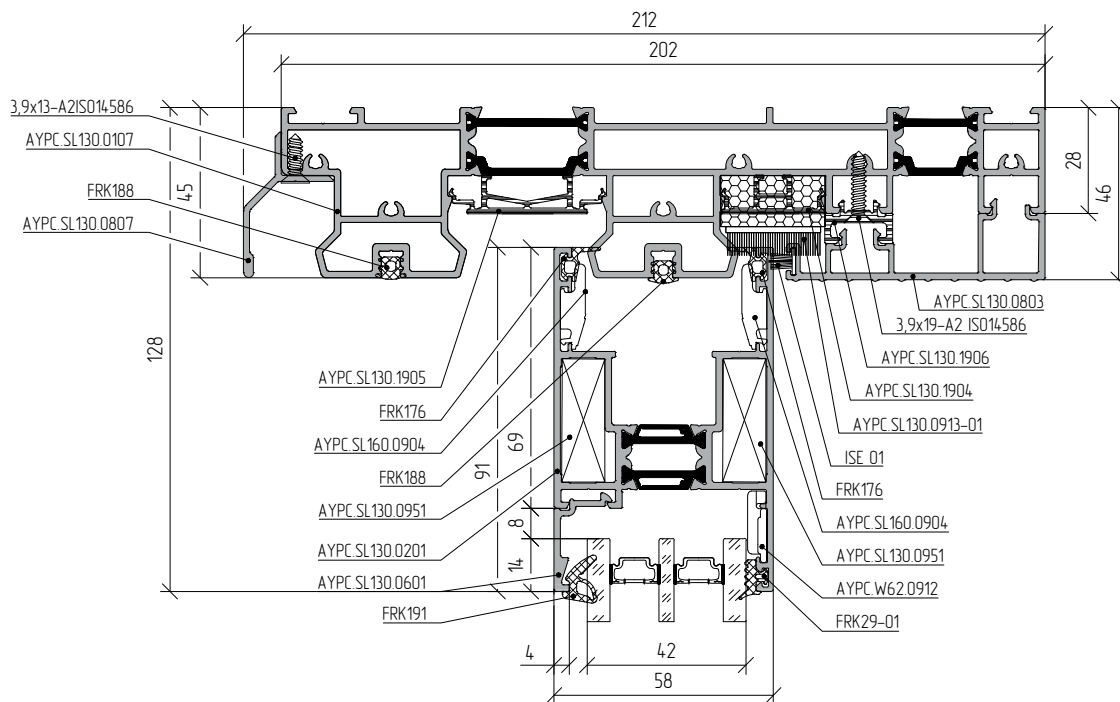
77-77



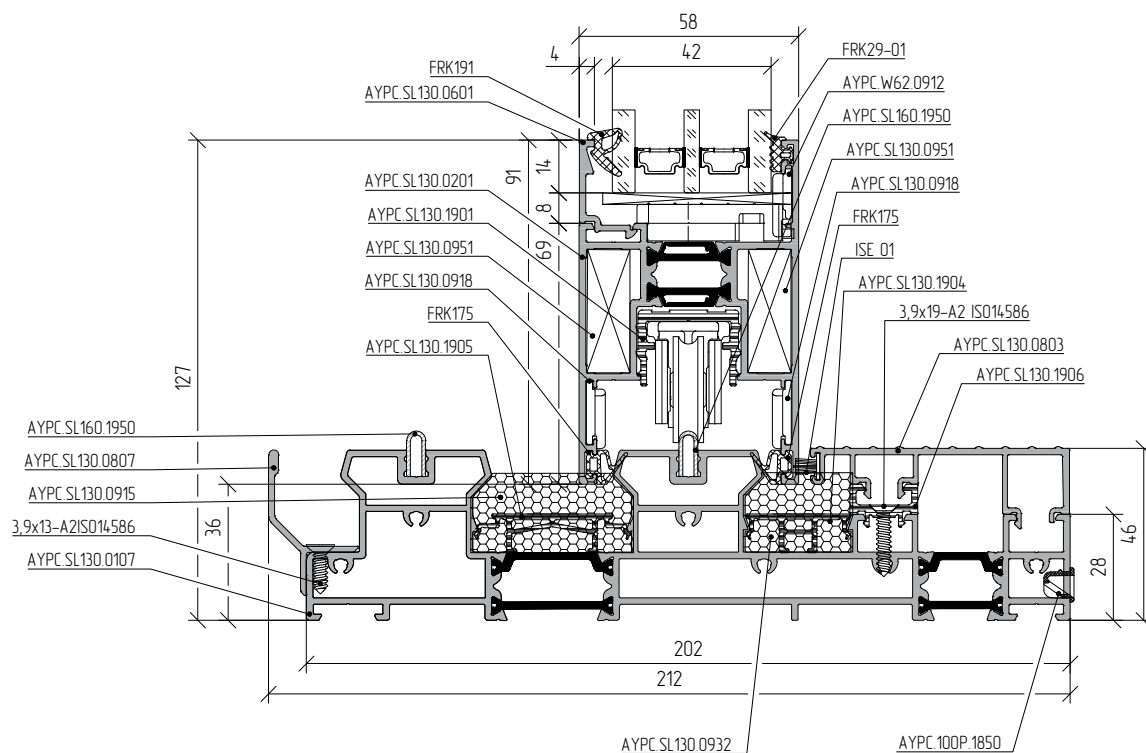
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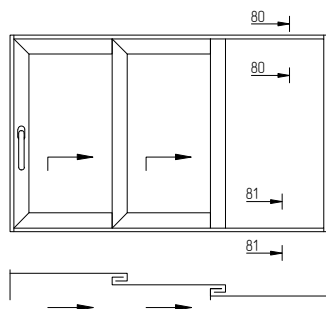
78-78



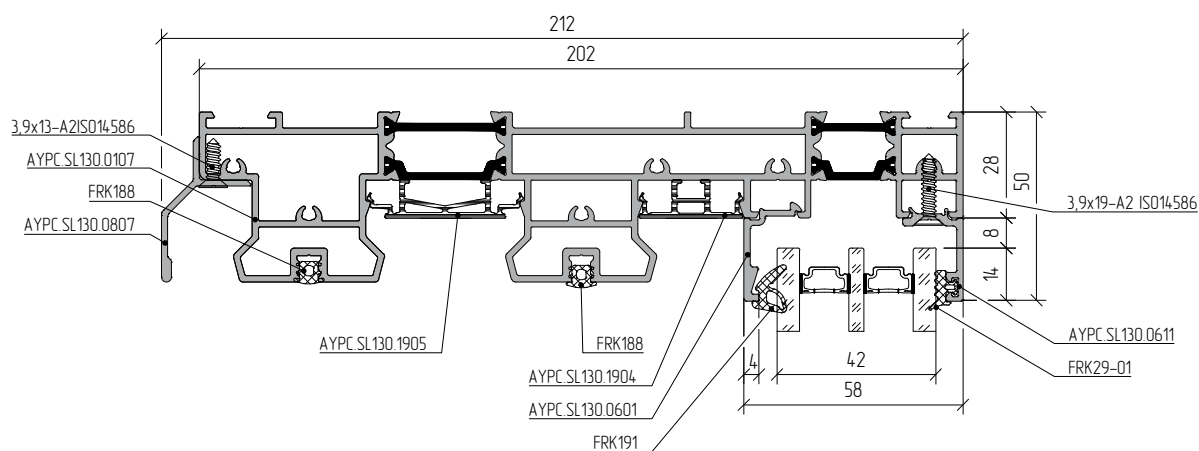
79-79



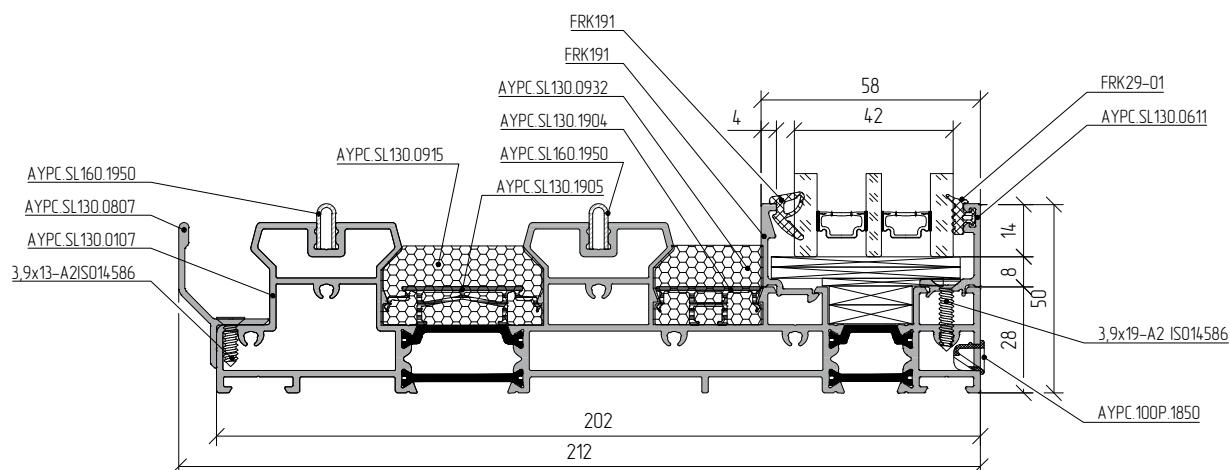
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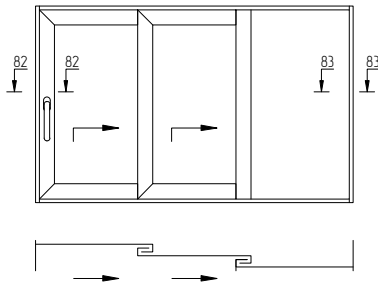
80-80



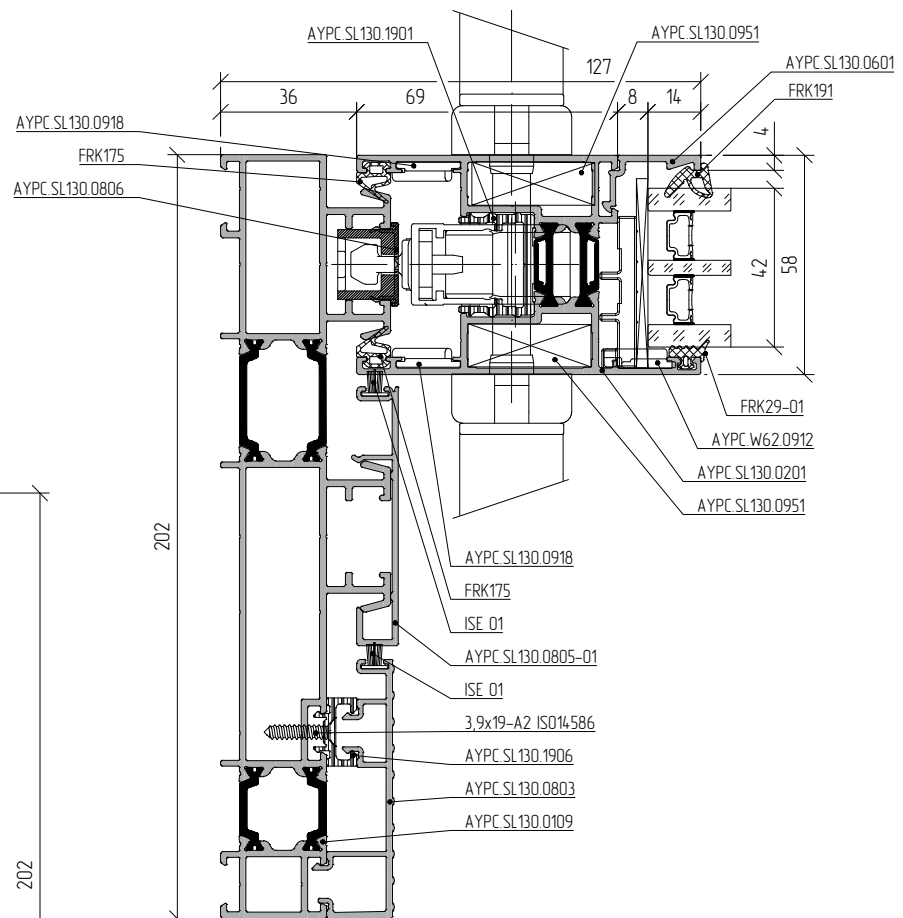
81-81



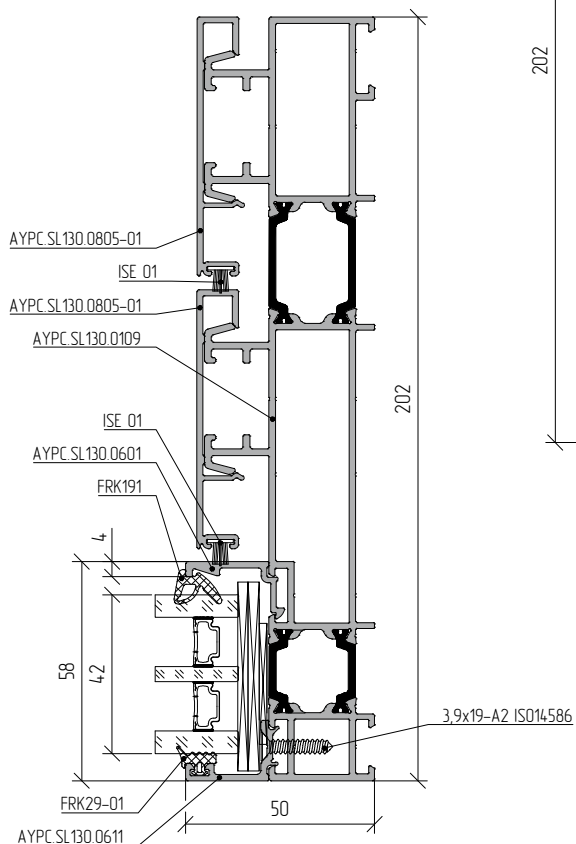
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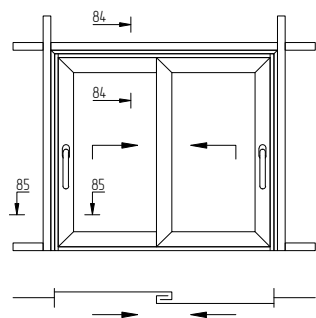


82-82



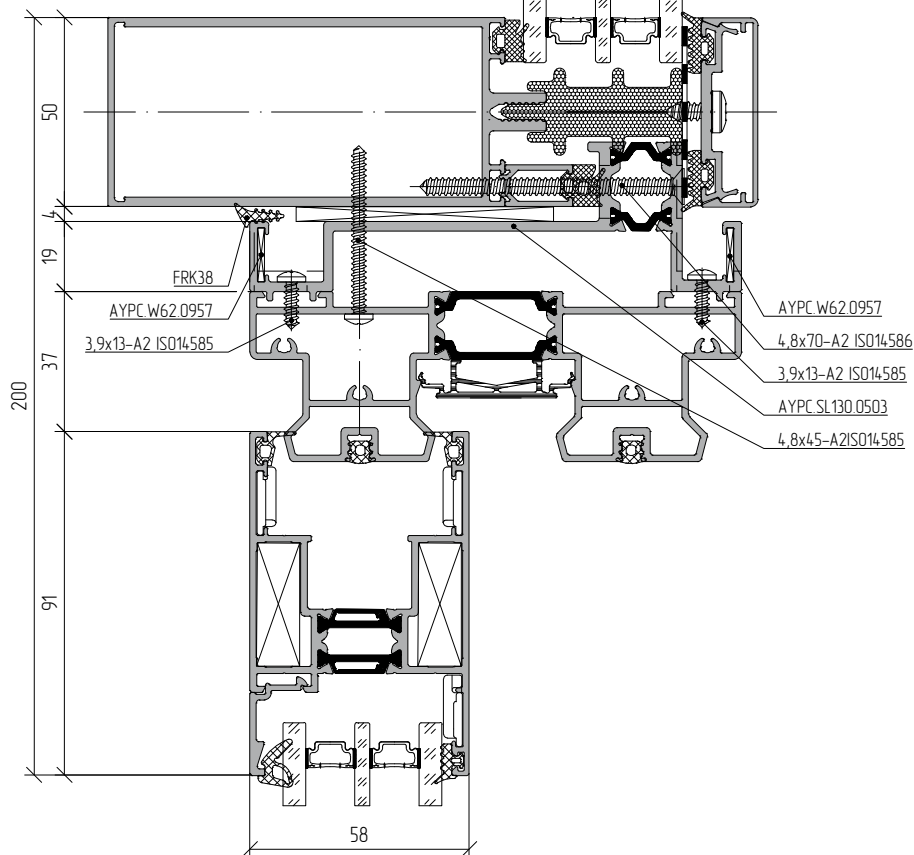
83-83



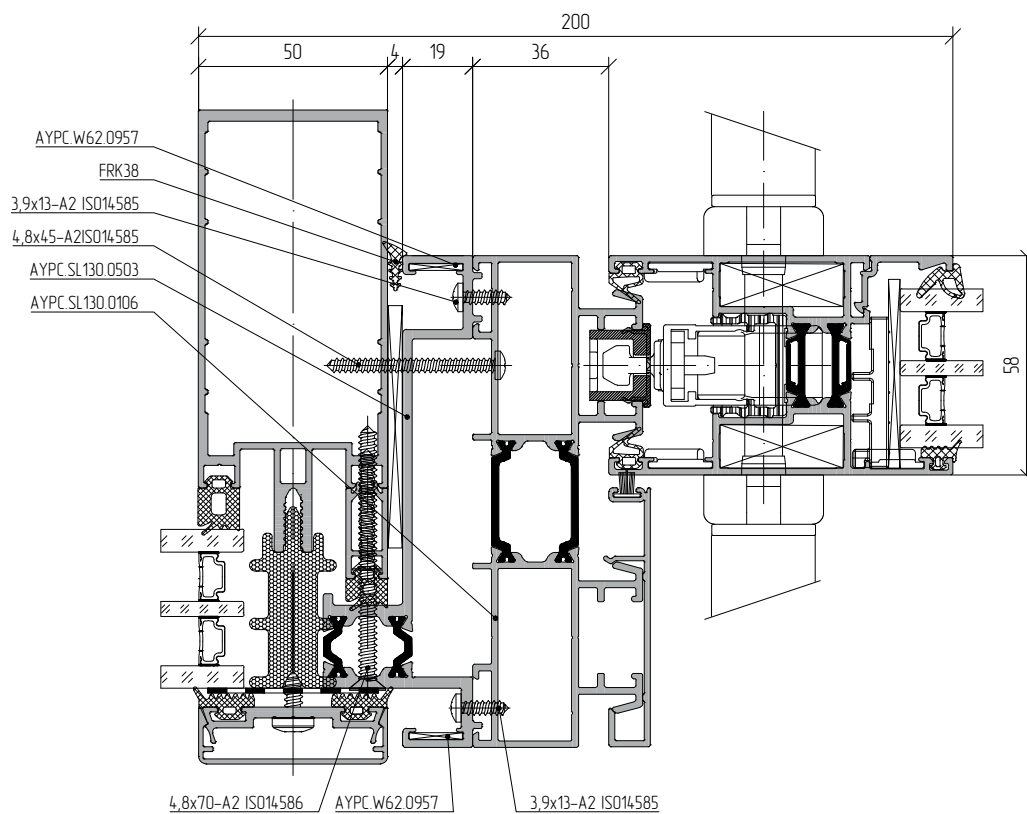


84-84

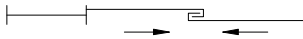
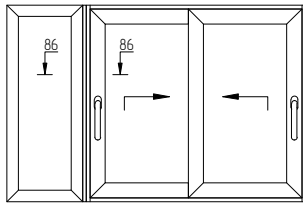
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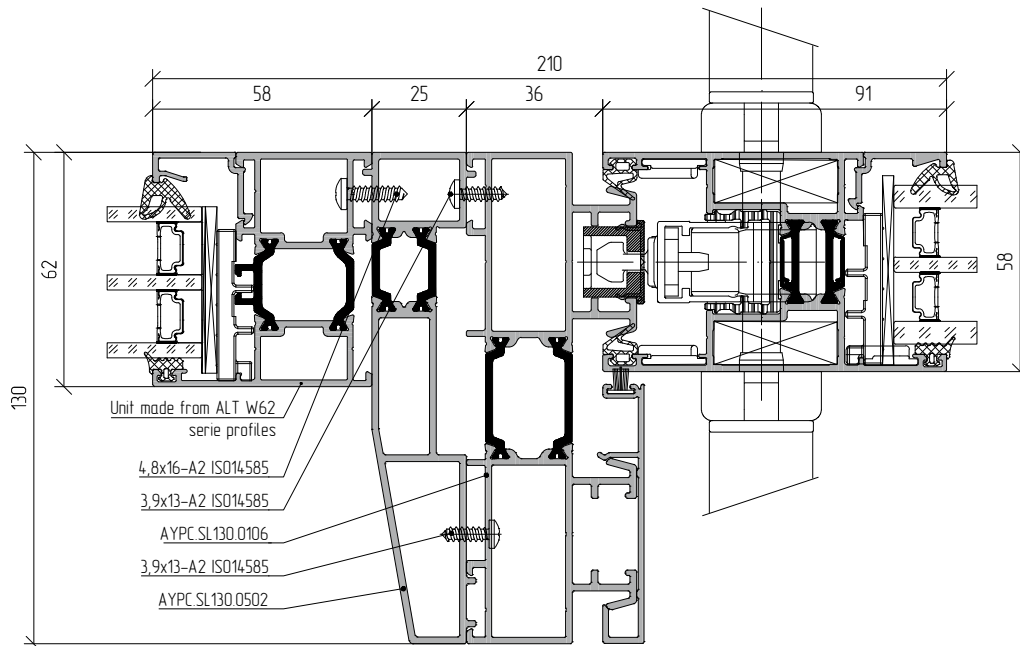
85-85



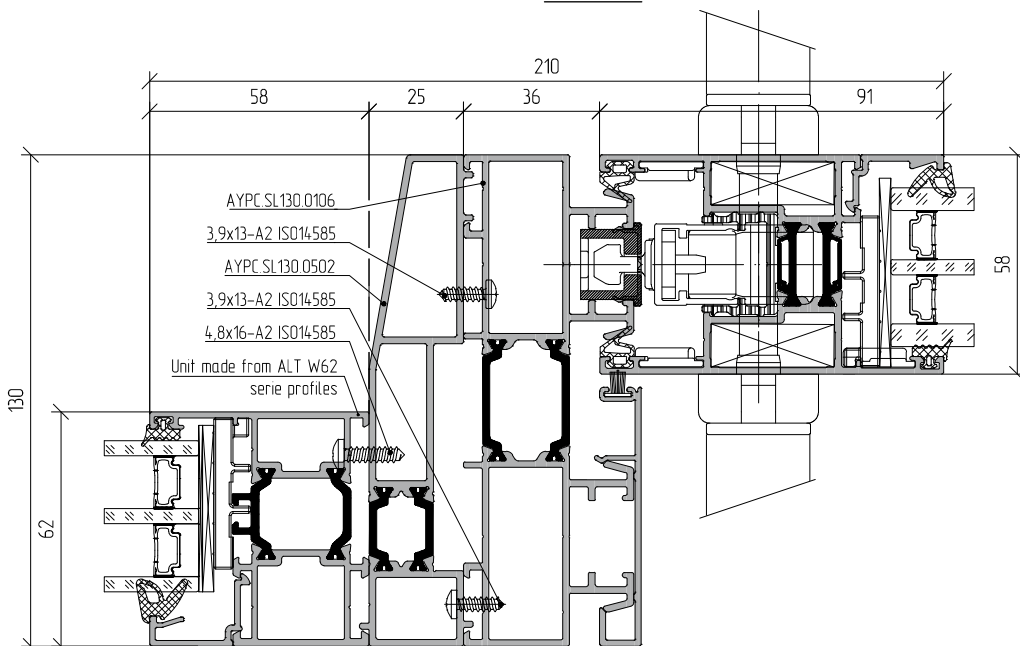
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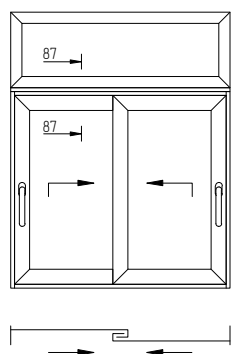


86a-86a



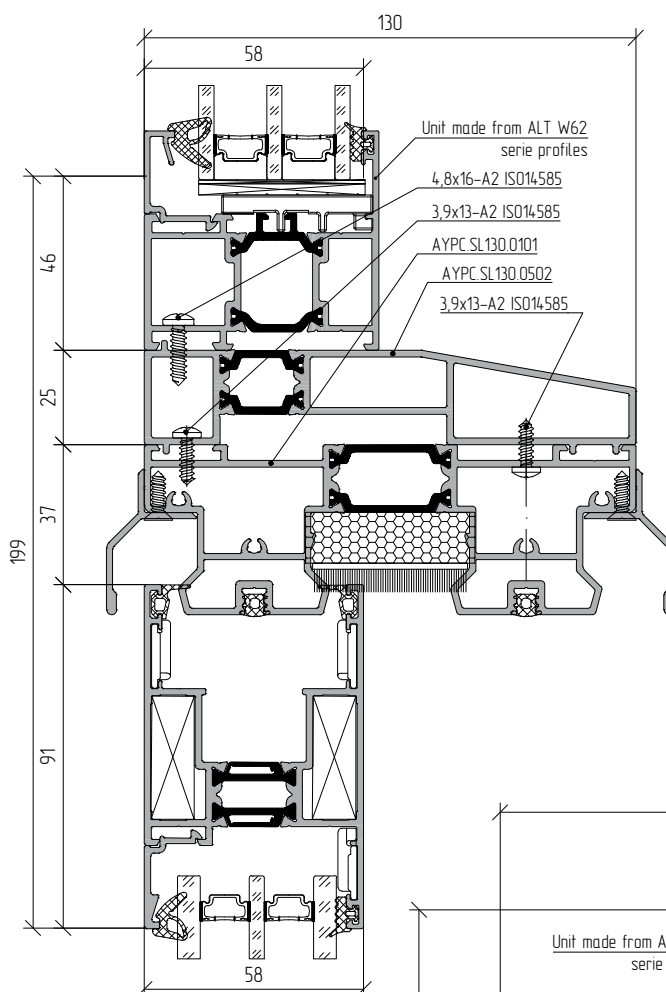
86b-86b



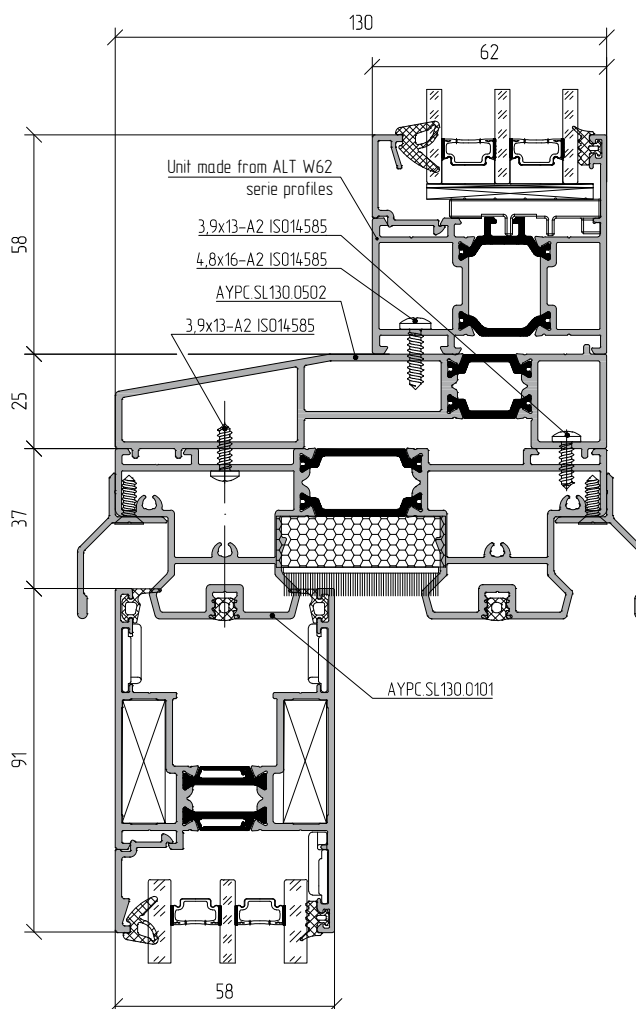


87a-87a

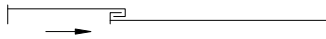
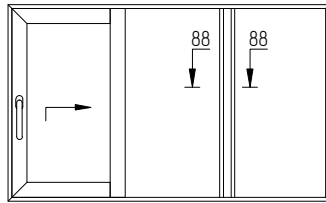
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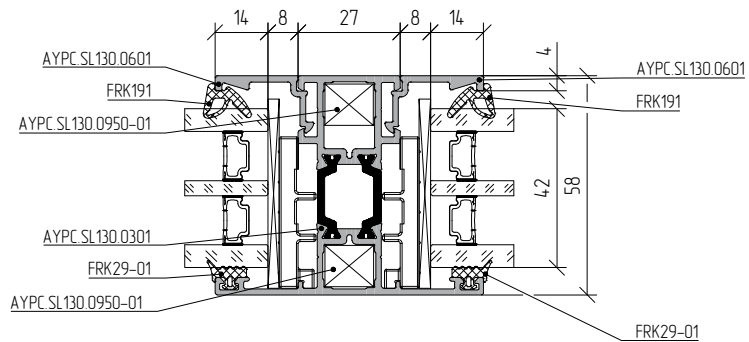
87b-87b



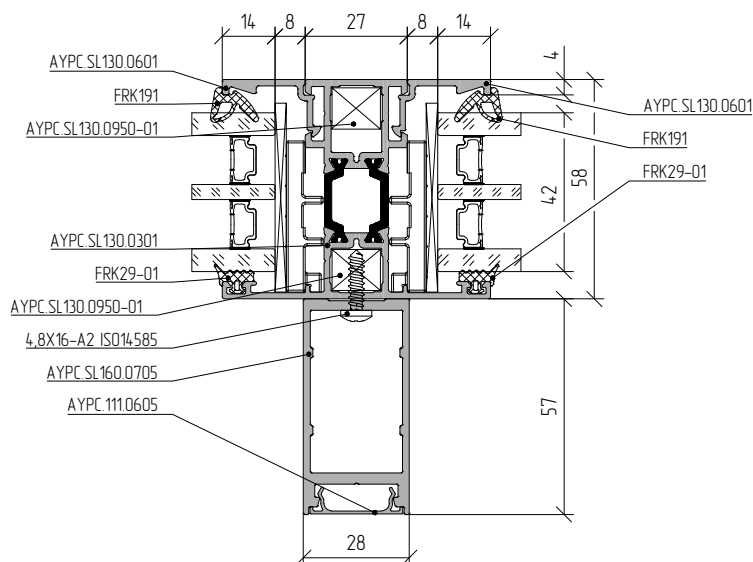
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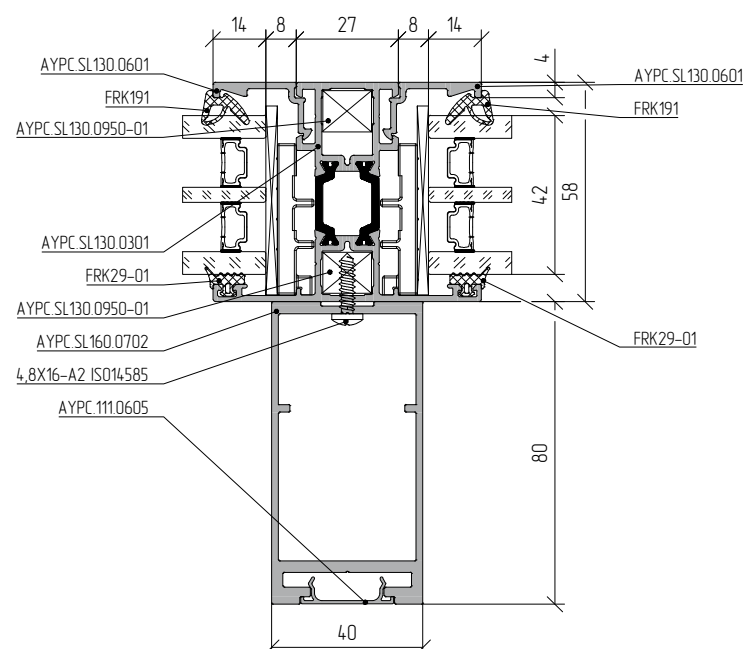
88a-88a



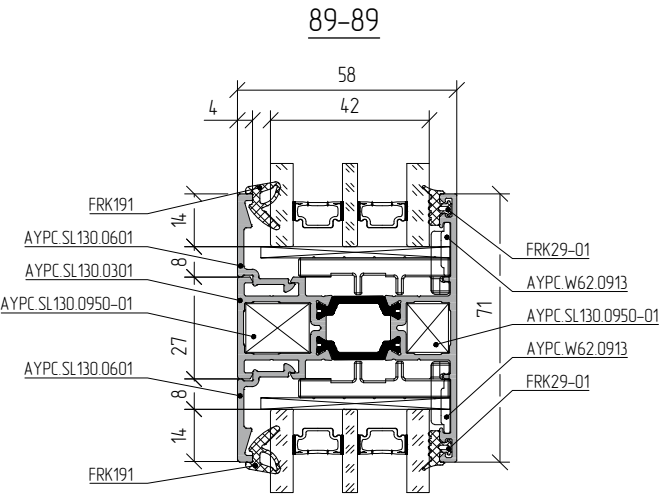
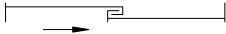
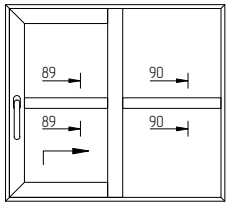
88b-88b



88c-88c



Scale 1:2





ALUTECH SL130
Patio systems

CALCULATION EXAMPLES

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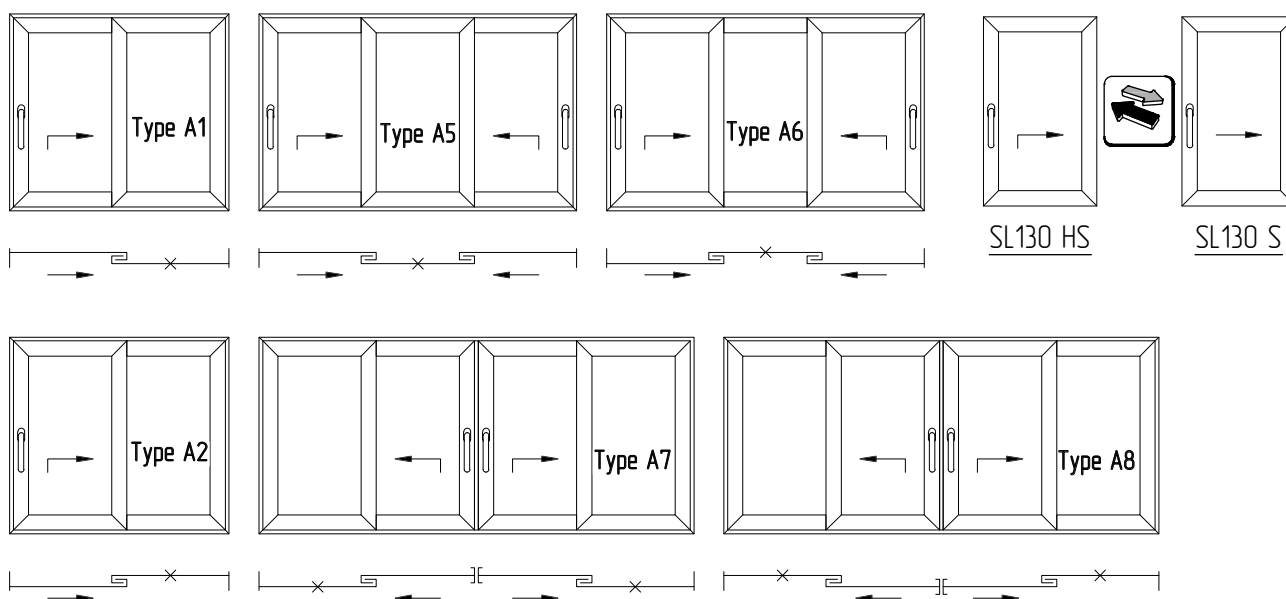
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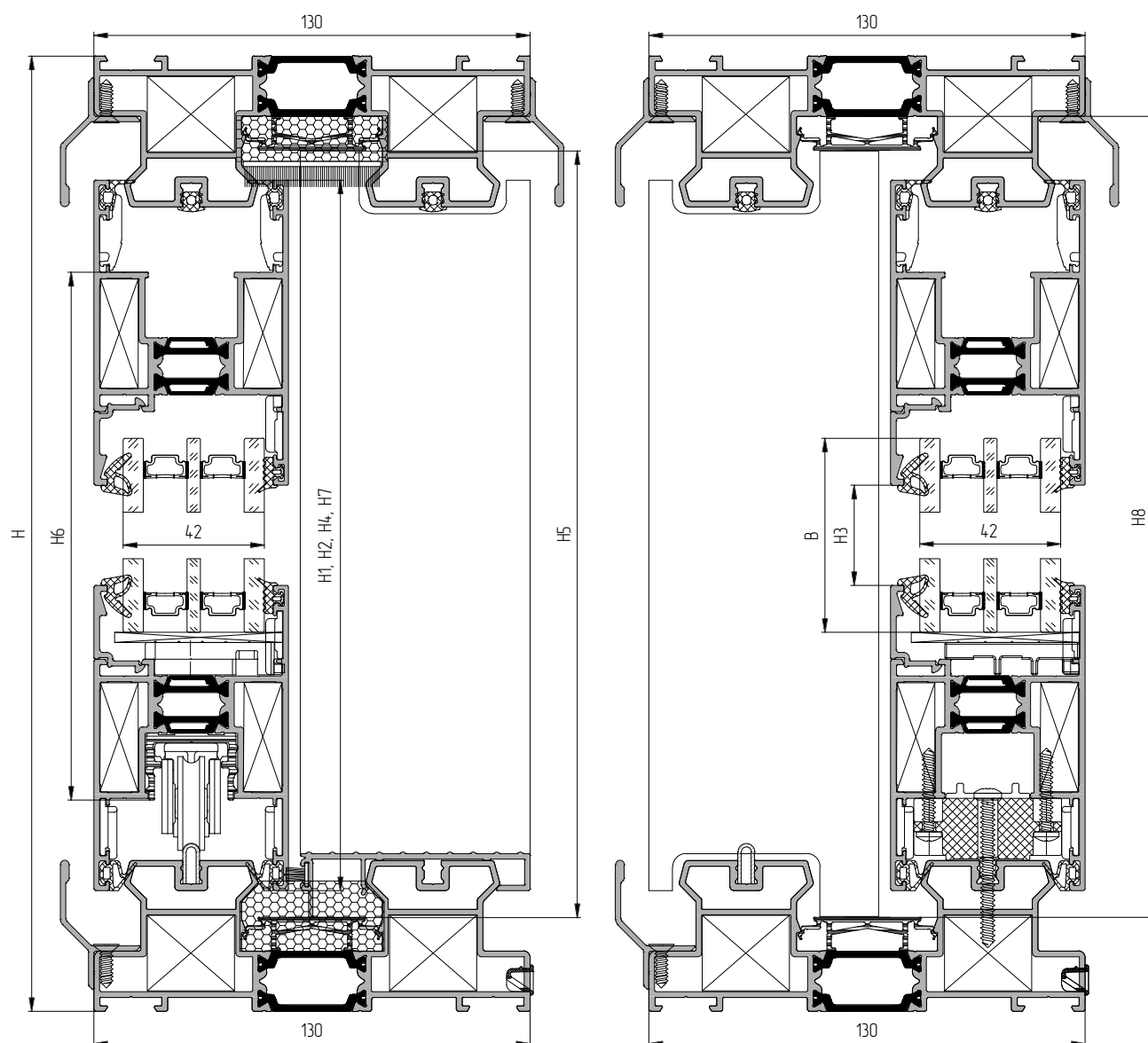
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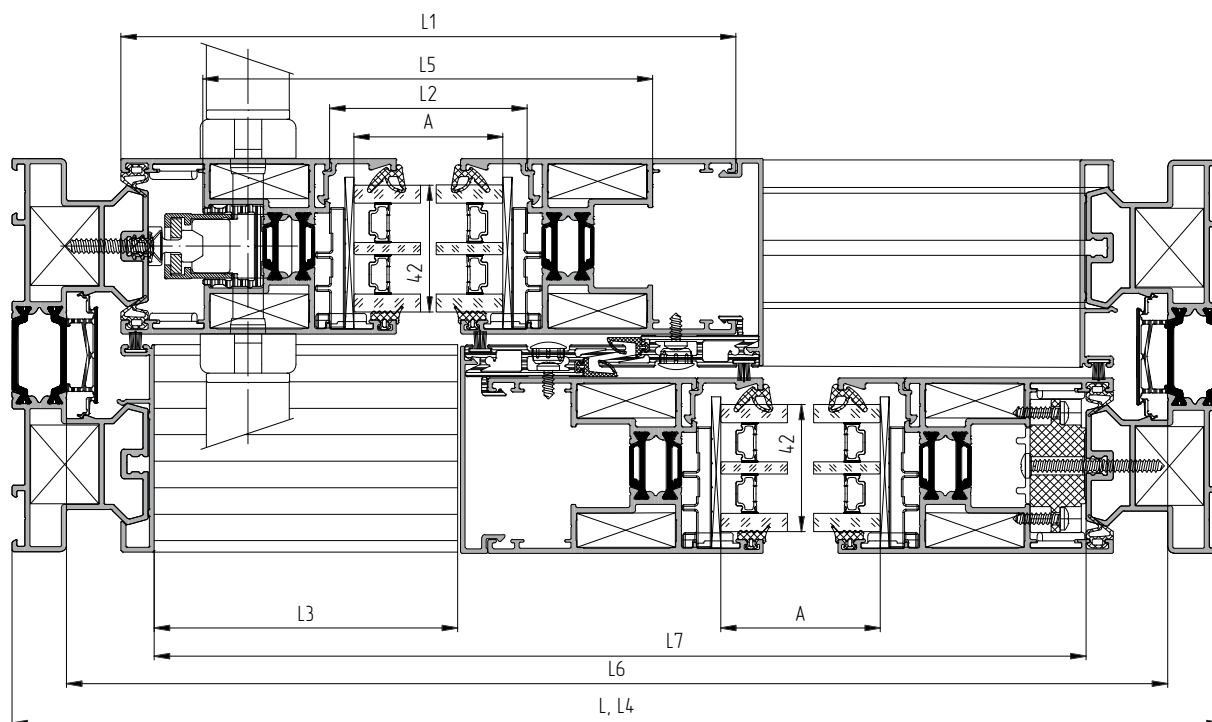
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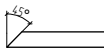
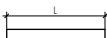
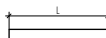
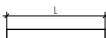
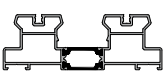
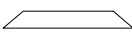
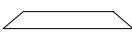
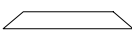
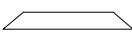
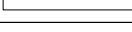
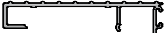
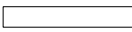
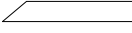
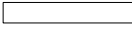
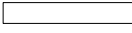


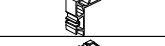
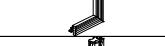
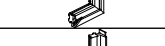
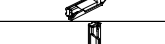
Vertical sections

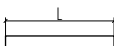
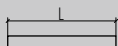
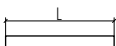
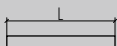
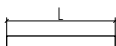
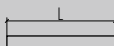


Horizontal sections



Article	Drawing		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
				1...		1...		1...
Profile								
AYPC.SL130.0102			L	2	L	2	L	2
			H	2	H	2	H	2
AYPC.SL130.0201			$L1=L/2+5$	4	$L1=L/3+30.7$	6	$L1=L/4+26.5$	8
			$H1=H-73$	4	$H1=H-73$	6	$H1=H-73$	7
AYPC.SL130.0205			-	-	-	-	$H2=H-73$	1
AYPC.SL130.0601			$L2=L1-138$	4	$L2=L1-138$	6	$L2=L1-138$	8
			$H3=H1-182$	4	$H3=H1-182$	6	$H3=H1-182$	8
AYPC.SL130.0801			$H4=H1$	2	$H4=H1$	4	$H4=H1$	4
AYPC.SL130.0805			$L3=L1-105$	1	$L3=L1-105$	2	$L3=2 \times L1-202$	1
AYPC.SL130.0805-01			$H5=H-59$	2	$H5=H-59$	2	$H5=H-59$	2
AYPC.SL130.0807			$L4=L-5$	3	$L4=L-5$	3	$L4=L-5$	3
AYPC.SL130.1901			$L5=L1-57$	1	$L5=L1-57$	2	$L5=L1-57$	2
			$H6=H1-55^*$	1	$H6=H1-55^*$	2	$H6=H1-55^*$	2
AYPC.SL130.1902			$H7=H1-10$	2	$H7=H1-10$	4	$H7=H1-10$	4
AYPC.SL130.1905			$L6=L-36^{**}$	2	$L6=L-36^{**}$	2	$L6=L-36^{**}$	2
			$H8=H-46$	2	$H8=H-46$	2	$H8=H-46$	2
AYPC.SL160.1950			$L7=L-92$	1	$L7=L-92$	1	$L7=L-94$	1

Article	Drawing	1...					
		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0940HS		2	1	4	2	4	2
							
							
							
							
AYPC.SL130.0940S		-	1	-	2	-	2
							
							
							
							
AYPC.SL130.0941HS		1	-	2	-	2	-
							
AYPC.SL130.0986		-	2	-	4	-	4
AYPC.W50.0929-01		8	8	8	8	8	8
AYPC.SL130.0951		16	16	24	24	32	32
AYPC.SL130.0905		5	5	2	2	10	10
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0907		1	1	2	2	2	2
AYPC.SL130.0908		3	3	3	3	3	3
AYPC.W62.0912		8	8	12	12	16	16
AYPC.SL130.0918		16	16	24	24	28	28
AYPC.SL130.0933K		-	-	-	-	2	2
AYPC.SL160.0928		H7/150+5	H7/150+5	H7/75+2	H7/75+2	H7/75+10	H7/75+10
AYPC.SL130.0943		4	4	4	4	4	4
AYPC.SL130.0944		4	4	4	4	4	4
AYPC.SL130.0947		1	1	1	1	1	1
AYPC.100P.1850		L1/500+3	L1/500+3	2xL1/500+5	2xL1/500+5	2xL1/500+5	2xL1/500+5
AYPC.W62.0901M		8	8	12	12	16	16
100x50x3		10	10	16	16	20	20
FRK170		8	8	12	12	16	16
FRK177		8	4	12	4	12	8
FRK178		4	2	6	2	6	4
FRK178-01		4	2	6	2	6	4

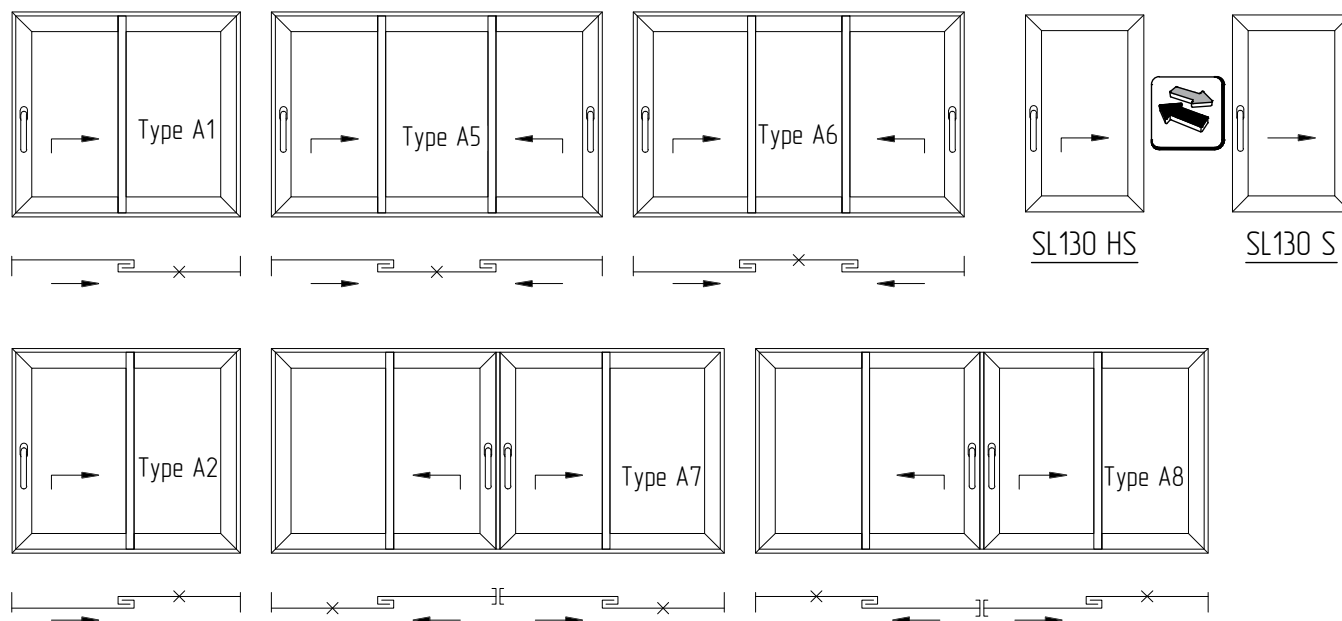
Article	Drawing	Type A1 Type A2				Type A5 Type A6				Type A7 Type A8			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	L1x2	1	L1x2	3	L1x2	1	L1x2	4	L1x2	2
FRK175		L1x2+H1x2	2	L1+H1x2	2	L1x3+H1x2	2	L1+H1x2	2	L1x4+H1x3	2	L1x2+H1x3	2
FRK188		2xL7+H1	1	2xL7+H1	1	2xL7+2xH1	1	2xL7+2xH1	1	L7	2	L7	2
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK230		H7	2	H7	2	H7	4	H7	4	H7	4	H7	4
ISE01		L3+H5x2+H7x2	1	L3+H5x2+H7x2	1	L3+H5+ H7x2	2	L3+H5+H7x2	2	L3+H5x2+H7x4	1	L3+H5x2+H7x4	1
AYPC SL130.0912		-	-	L1x2	2	-	-	L1x2	4	-	-	L1x2	4

Article	Drawing	1...		
		Type A1 Type A2	Type A5 Type A6	Type A7 Type A8
Hardware				
3.9x9.5-A2ISO14585		H7/150	H7/75	H7/75
3.9x25-A2ISO14585		10	4	20
4.8x4.5-A2ISO14585		5	2	10
3.9x13-A2ISO14586		L4/100	L4/100	L4/100
5x10DIN6325D		48	64	76
5x14DIN6325D		-	-	4

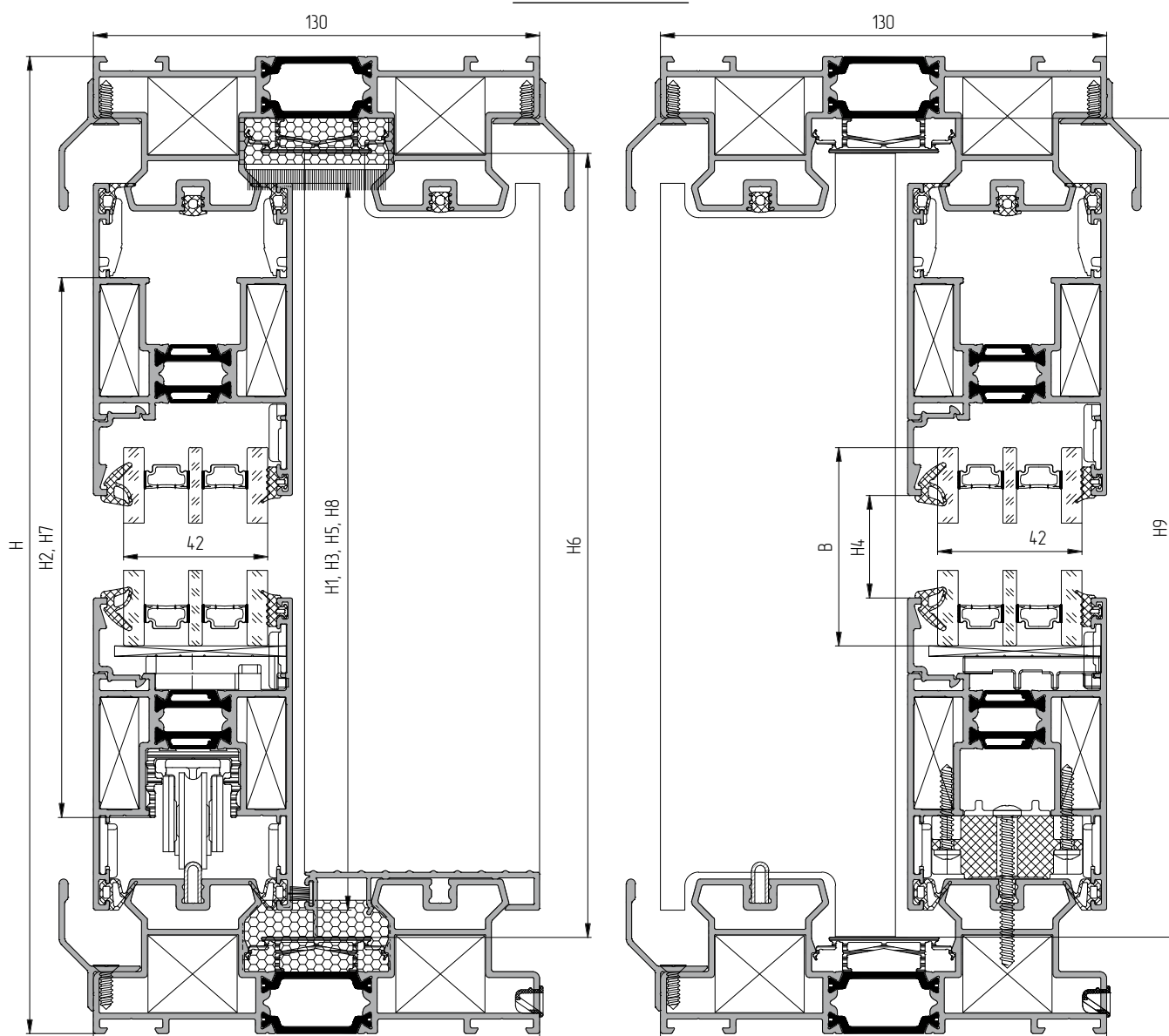
Infill					
Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
A=L1-154; B=H1-154	2	A=L1-154; B=H1-154	3	A=L1-154; B=H1-154	4



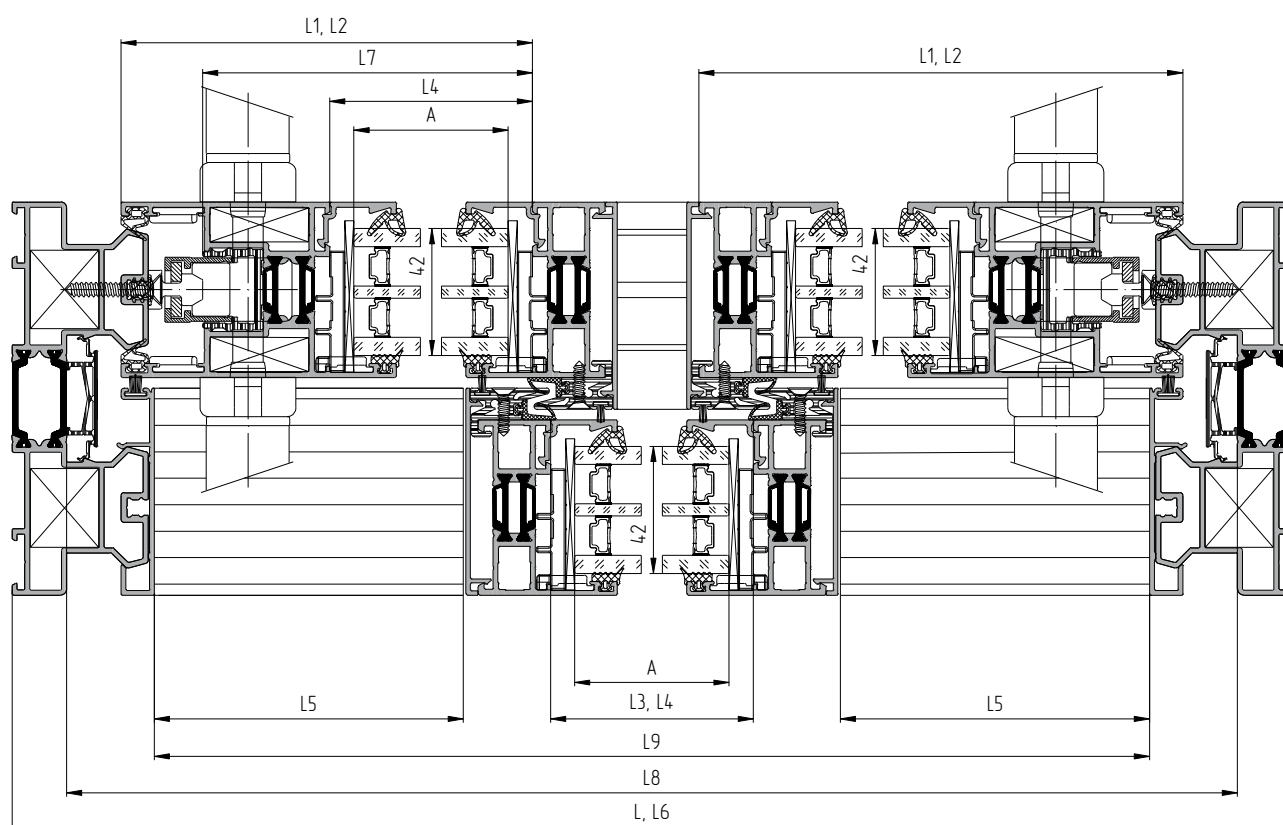
1. When manufacturing types A5, A6 and A7, A8 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.31).
 2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).
- *The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.
 **The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



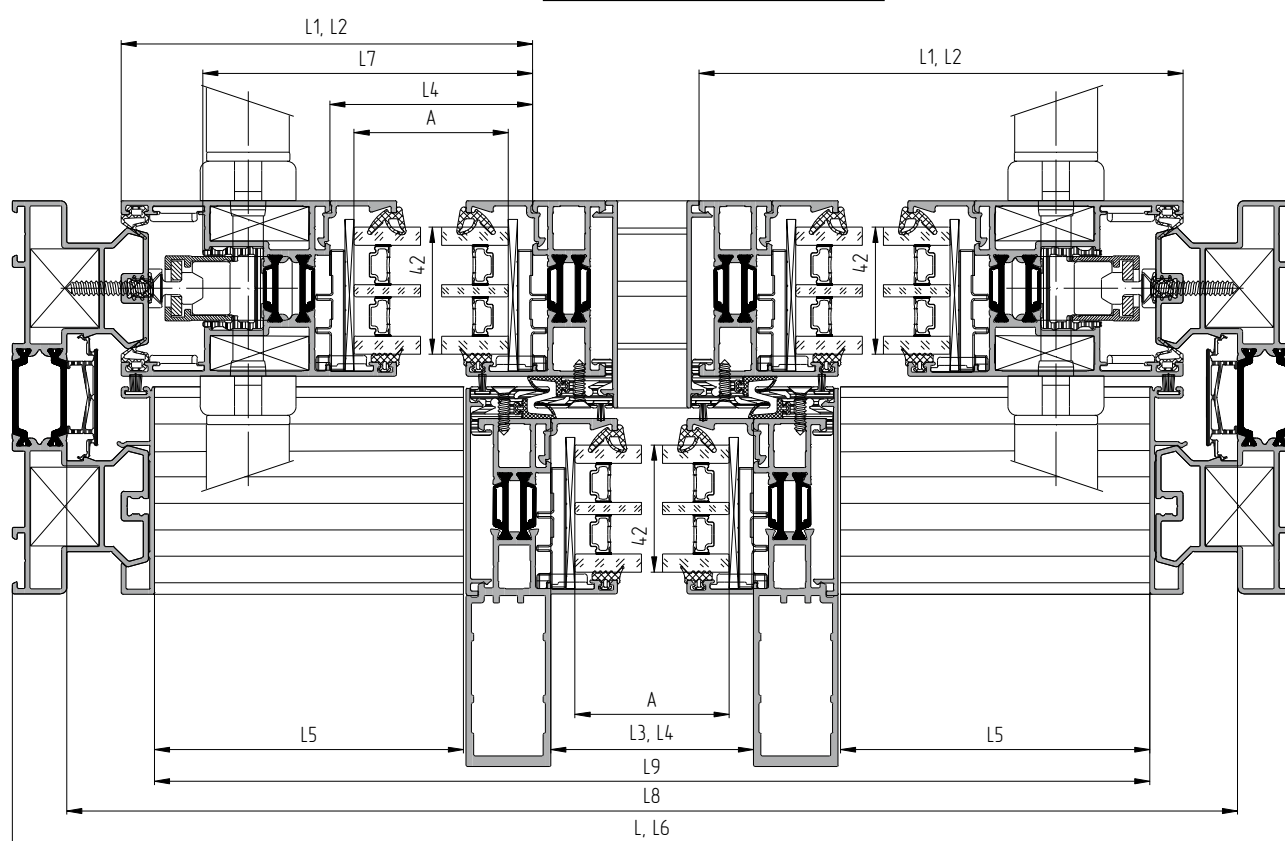
Vertical sections



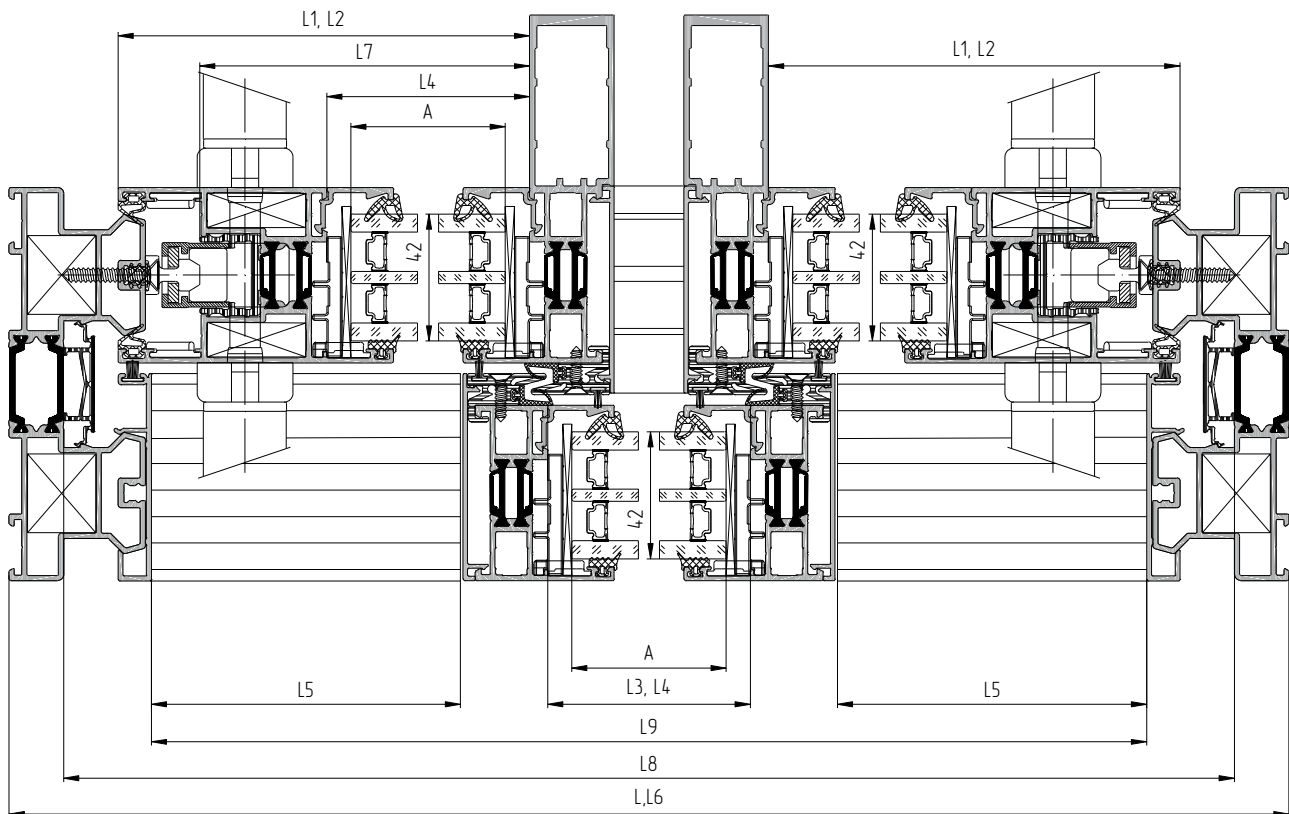
Horizontal sections. Variant 1



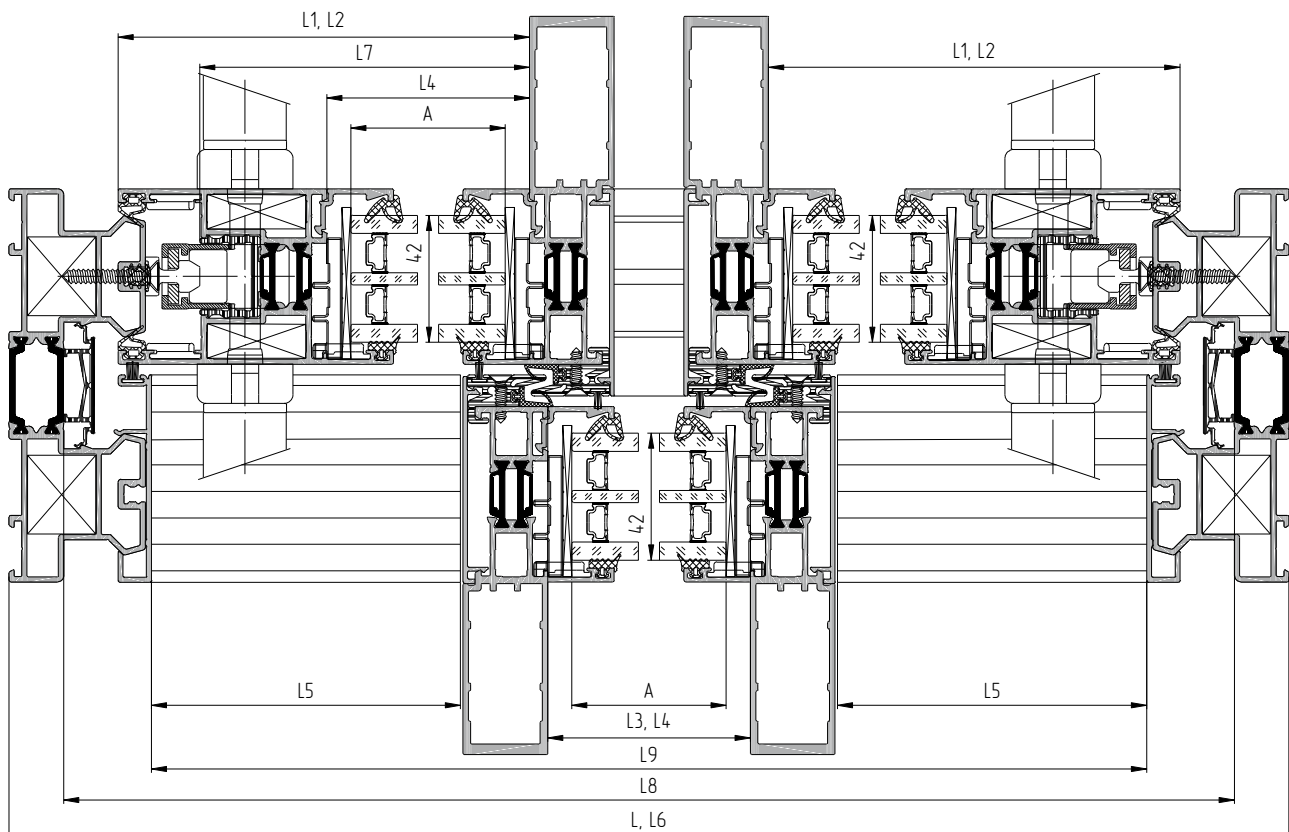
Horizontal sections. Variant 2

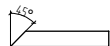
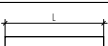
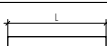
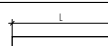
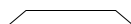
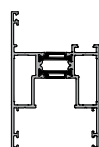
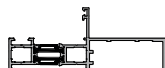
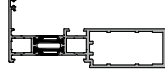
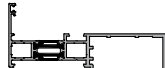
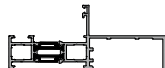
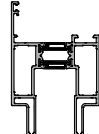
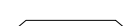
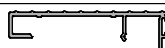
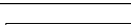
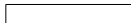


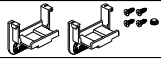
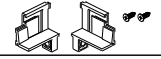
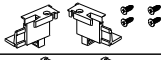
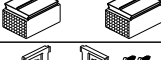
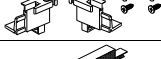
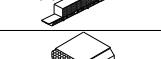
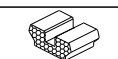
Horizontal sections. Variant 3



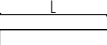
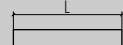
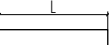
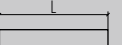
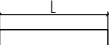
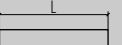
Horizontal sections. Variant 4



Article		Drawing		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
					1....		1...		1...
Profile									
AYPC.SL130.0102				L	2	L	2	L	2
				H	2	H	2	H	2
AYPC.SL130.0201				L1=L/2-39	2	L1=L/3-5	2	L1=L/4-17.5	4
				L2=L1	2	L2=L1	2	L2=L1	4
				-	-	L3=L/3-74	2	-	-
				H1=H-73	2	H1=H-73	2	H1=H-73	3
Select	Variant 1			H2=H1-55		H2=H1-55		H2=H1-55	
	AYPC.SL130.0202				2		4		4
	Variant 2								
	AYPC.SL130.0202				1		2		2
	AYPC.SL130.0204				1		2		2
	Variant 3								
	AYPC.SL130.0202				1		2		2
	AYPC.SL130.0203				1		2		2
	Variant 4								
	AYPC.SL130.0203				1		2		2
AYPC.SL130.0204		1	2	2					
AYPC.SL130.0205				-	-	-	-	H3=H-73	1
AYPC.SL130.0601				L4=L1-69	4	L4=L1-69	6	L4=L1-69	8
				H4=H1-182	4	H4=H1-182	6	H4=H1-182	8
AYPC.SL130.0802				H5=H1	2	H5=H1	4	H5=H1	4
AYPC.SL130.0805				L5=L1-36	1	L5=L1-36	2	L5=2xL1-64	1
AYPC.SL130.0805-01				H6=H-59	2	H6=H-59	2	H6=H-59	2
AYPC.SL130.0807				L6=L-5	3	L6=L-5	3	L6=L-5	3
AYPC.SL130.1901				L7=L1-27.5	1	L7=L1-27.5	2	L7=L1-27.5	2
				H7=H1-55*	1	H7=H1-55*	2	H7=H1-55*	2
AYPC.SL130.1903				H8=H1-10	2	H8=H1-10	4	H8=H1-10	4
AYPC.SL130.1905				L8=L-36**	2	L8=L-36**	2	L8=L-36**	2
				H9=H-46	2	H9=H-46	2	H9=H-46	2
AYPC.SL160.1950				L9=L-92	1	L9=L-90	1	L9=L-94	1

Article	Drawing	1...					
		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0940HS-01		2	1	4	2	4	2
							
							
							
							
							
AYPC.SL130.0940S-01		-	1	-	2	-	2
							
							
							
							
AYPC.SL130.0941HS-01		1	-	2	-	2	-
							
AYPC.SL130.0985		-	2	-	4	-	4
AYPC.W50.0929-01		8	8	8	8	8	8
AYPC.SL130.0950-02		8	8	16	16	16	16
AYPC.SL130.0951		8	8	8	8	16	16
AYPC.SL130.0905		5	5	2	2	10	10
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0907		1	1	2	2	2	2
AYPC.SL130.0908		3	3	3	3	3	3
AYPC.W62.0912		4	4	4	4	8	8
AYPC.SL130.0913		4	4	8	8	8	8
AYPC.SL130.0918		8	8	8	8	12	12
AYPC.SL130.0925		N***	N***	N***	N***	N***	N***
AYPC.SL130.0933K		-	-	-	-	2	2
AYPC.SL160.0928		5	5	2	2	10	10
AYPC.SL130.0943		4	4	4	4	4	4
AYPC.SL130.0944		4	4	4	4	4	4
AYPC.SL130.0947		2	2	2	2	2	2

Article	Drawing	1...					
		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.100P.1850		L1/500+3	L1/500+3	2xL1/500+5	2xL1/500+5	2xL1/500+5	2xL1/500+5
AYPC.W62.0901M		8	8	12	12	16	16
100x50x3		10	10	16	16	20	20
FRK170		8	8	12	12	16	16
FRK177		8	4	12	4	12	8
FRK178		4	2	6	2	6	4
FRK178-01		4	2	6	2	6	4

Article	Drawing	Type A1 Type A2				Type A5 Type A6				Type A7 Type A8			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	L1x2	1	L1x2	3	L1x2	1	L1x2	4	L1x2	2
FRK175		L1x2+H1x2	2	L1+H1x2	2	L1x3+H1x2	2	L1+H1x2	2	L1x4+H1x3	2	L1x2+H1x3	2
FRK188		2xL9+H1	1	2xL9+H1	1	2xL9+2xH1	1	2xL9+2xH1	1	L9	2	L9	2
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK230		H8	2	H8	2	H8	4	H8	4	H8	4	H8	4
ISE01		L5+H6x2	1	L5+H6x2	1	L5+H6	2	L5+H6	2	L5+H6x2	1	L5+H6x2	1
IS10		H8	2	H8	2	H8	4	H8	4	H8	4	H8	4
AYPC.SL130.0912		-	-	L1x2	2	-	-	L1x2	4	-	-	L1x2	4

Article	Drawing	1...		
		Type A1 Type A2	Type A5 Type A6	Type A7 Type A8
Hardware				
3.9x25-A2ISO14585		10	4	20
4.8x45-A2ISO14585		5	2	10
3.9x13-A2ISO14586		L6/100	L6/100	L6/100
3.9x19-A2ISO14586		H8/150	H8/75	H8/75
5x10DIN6325D		32	32	44
5x14DIN6325D		-	-	4

Variant	AYPC.SL130.0925 quantity, N, pcs		
	Type A1 Type A2	Type A5 Type A6	Type A7 Type A8
1	-	-	-
2	2	4	4
3	2	4	4
4	4	8	8

Infill			
Type A1 Type A2	Type A5 Type A6	Type A7 Type A8	
A=L1-85; B=H1-154	2	A=L1-85; B=H1-154	3
		A=L1-85; B=H1-154	4

1. When manufacturing types A5, A6 and A7, A8 doors with the width L>6500 mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.31).

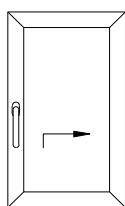
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

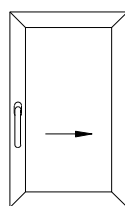
**The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.

***AYPC.SL130.0925 cover is used only with sash profile AYPC.SL130.0203 or AYPC.SL130.0204 (see application table).

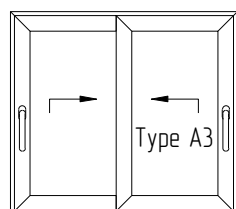




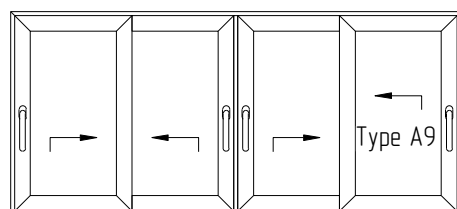
SL130 HS



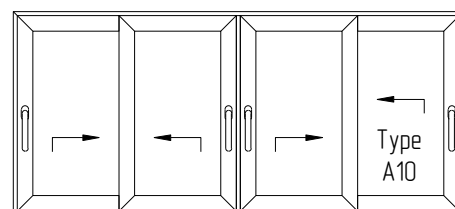
SL130 S



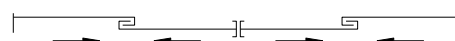
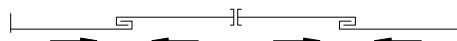
Type A3



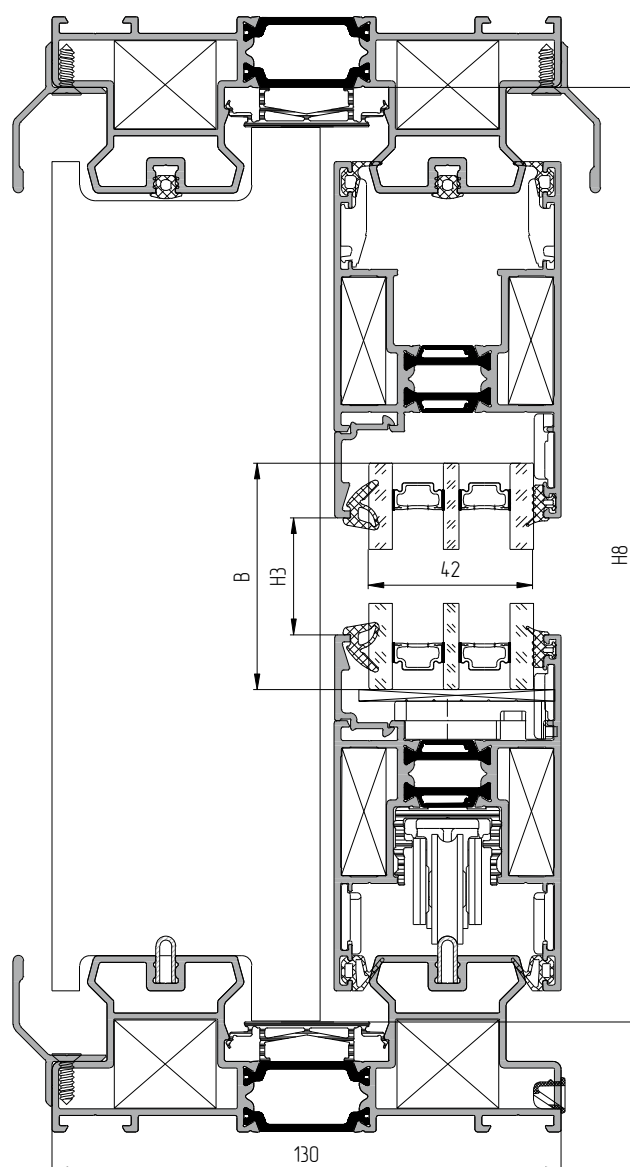
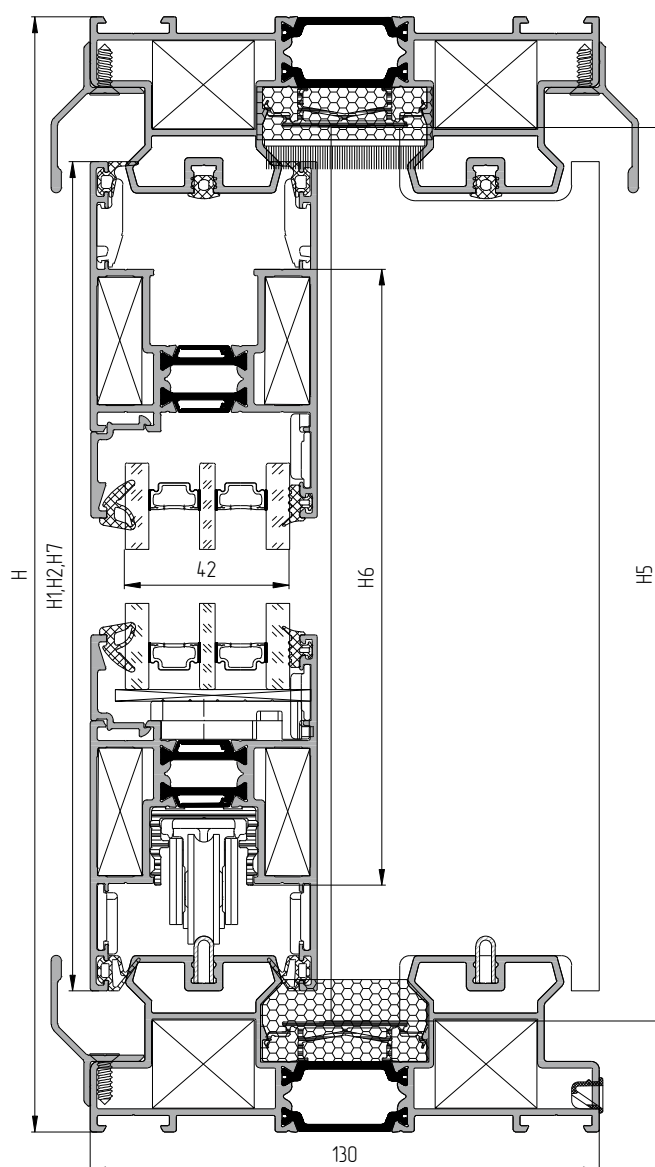
Type A9



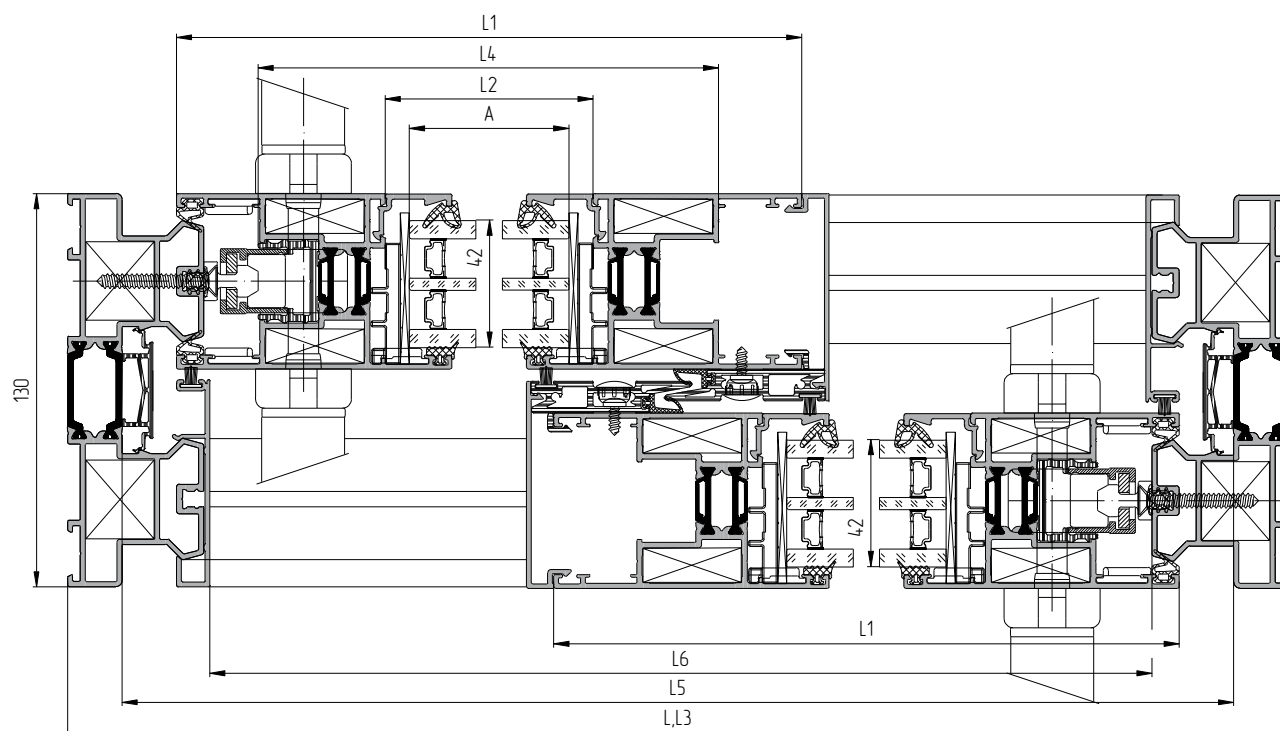
Type A10

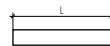
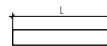
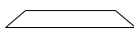
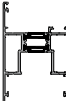
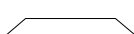
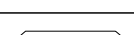
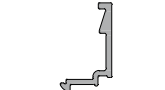
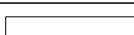
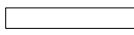
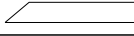
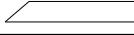
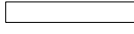
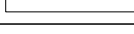
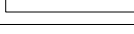
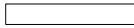


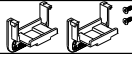
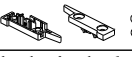
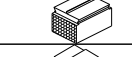
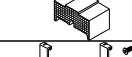
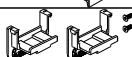
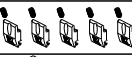
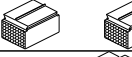
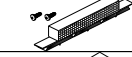
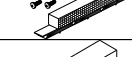
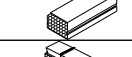
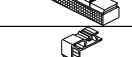
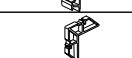
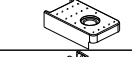
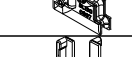
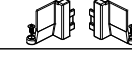
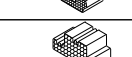
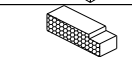
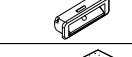
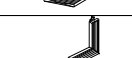
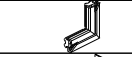
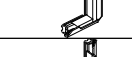
Vertical sections

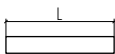
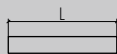
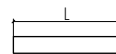
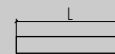


Horizontal sections



Article	Drawing		Type A3		Type A9 Type A10	
				1...		1...
Profile						
AYPC.SL130.0102			L	2	L	2
			H	2	H	2
AYPC.SL130.0201			$L1=L/2+5$	4	$L1=L/4+26.5$	8
			$H1=H-73$	4	$H1=H-73$	7
AYPC.SL130.0205			-	-	$H2=H-73$	1
AYPC.SL130.0601			$L2=L1-138$	4	$L2=L1-138$	8
			$H3=H1-182$	4	$H3=H1-182$	8
AYPC.SL130.0801			$H4=H1$	2	$H4=H1$	4
AYPC.SL130.0805-01			$H5=H-59$	2	$H5=H-59$	2
AYPC.SL130.0807			$L3=L-5$	3	$L3=L-5$	3
AYPC.SL130.1901			$L4=L1-57$	2	$L4=L1-57$	4
			$H6=H1-55^*$	2	$H6=H1-55^*$	4
AYPC.SL130.1902			$H7=H1-10$	2	$H7=H1-10$	4
AYPC.SL130.1905			$L5=L-36^{**}$	2	$L5=L-36^{**}$	2
			$H8=H-46$	2	$H8=H-46$	2
AYPC.SL130.1950			$L6=L-92$	2	$L6=L-94$	2

Article	Drawing	1...			
		Type A3		Type A9 Type A10	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
AYPC.SL130.0940HS		2	-	4	-
					
					
					
					
AYPC.SL130.0940S		-	2	-	4
					
					
					
					
AYPC.SL130.0941HS		1	-	2	-
					
AYPC.SL130.0986		-	2	-	4
AYPC.W50.0929-01		8	8	8	8
AYPC.SL130.0951		16	16	32	32
AYPC.SL130.0906		8	8	16	16
AYPC.SL130.0907		1	1	2	2
AYPC.SL130.0908		3	3	3	3
AYPC.W62.0912		8	8	16	16
AYPC.SL130.0918		16	16	28	28
AYPC.SL130.0933K		-	-	2	2
AYPC.SL160.0928		H7/150	H7/150	H7/75	H7/75
AYPC.SL130.0943		4	4	4	4
AYPC.SL130.0944		4	4	4	4
AYPC.SL130.0947		1	1	1	1
AYPC.100P.1850		L1/500+3	L1/500+3	2xL1/500+5	2xL1/500+5
AYPC.W62.0901M		8	8	16	16
100x50x3		12	12	24	24
FRK170		8	8	16	16
FRK177		8	-	12	-
FRK178		4	-	6	-
FRK178-01		4	-	6	-

Article	Drawing	Type A3				Type A9 Type A10			
		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...
Gaskets									
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	-	-	L1x2	4	-	-
FRK175		L1x2+H1x2	2	H1x2	2	L1x4+H1x3	2	H1x3	2
FRK188		L6+H1	2	L6+H1	2	L6+H1	2	L6+H1	2
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK230		H7	2	H7	2	H7	4	H7	4
ISE01		2xH7+2xH5	1	2xH7+2xH5	1	2xH7+H5	2	2xH7+H5	2
AYPC.SL130.0912		-	-	L1x2	4	-	-	L1x2	8

Article	Drawing	1...	
		Type A3	Type A9 Type A10
Hardware			
3.9x9.5-A2ISO14585		H7/150	H7/75
3.9x13-A2ISO14586		L3/100	L3/100
5x10DIN6325D		48	76
5x14DIN6325D		-	4

Infill			
Type A3		Type A9 Type A10	
A=L1-154, B=H1-154	2	A=L1-154, B=H1-154	4

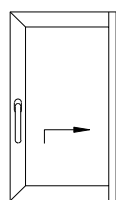


1. When manufacturing types A9 and A10 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.31).

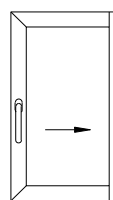
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

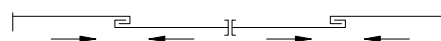
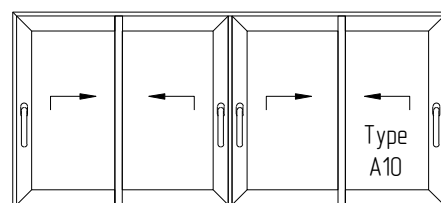
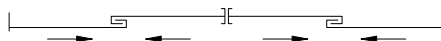
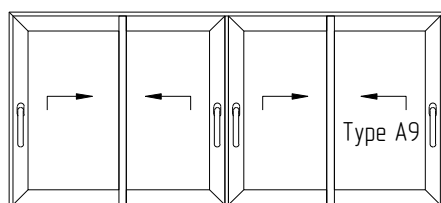
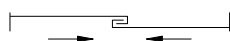
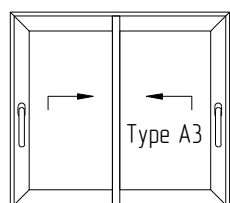
**The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



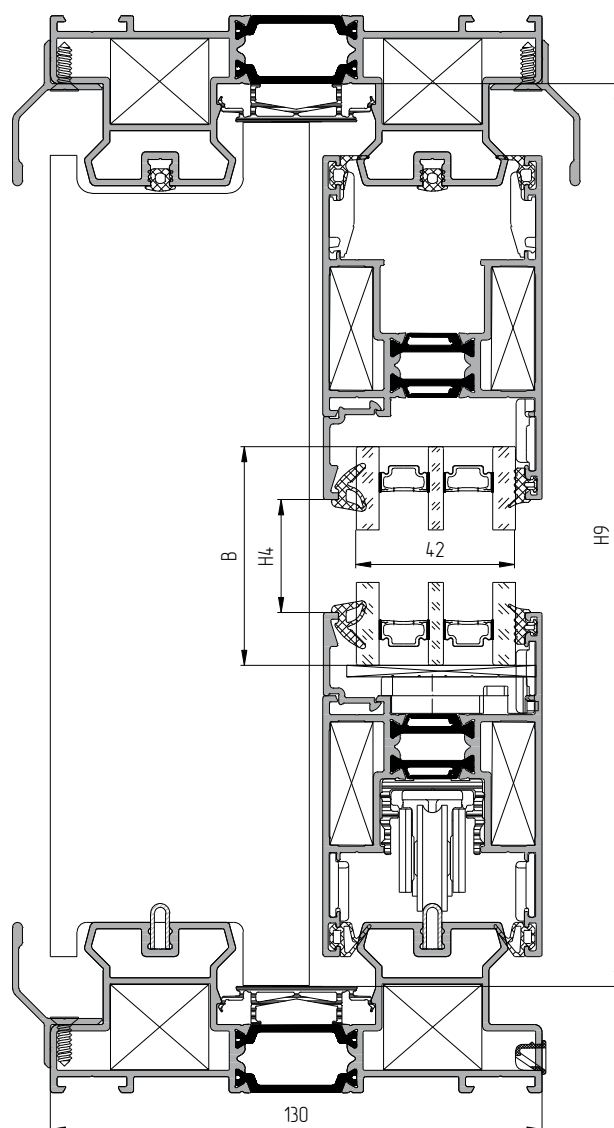
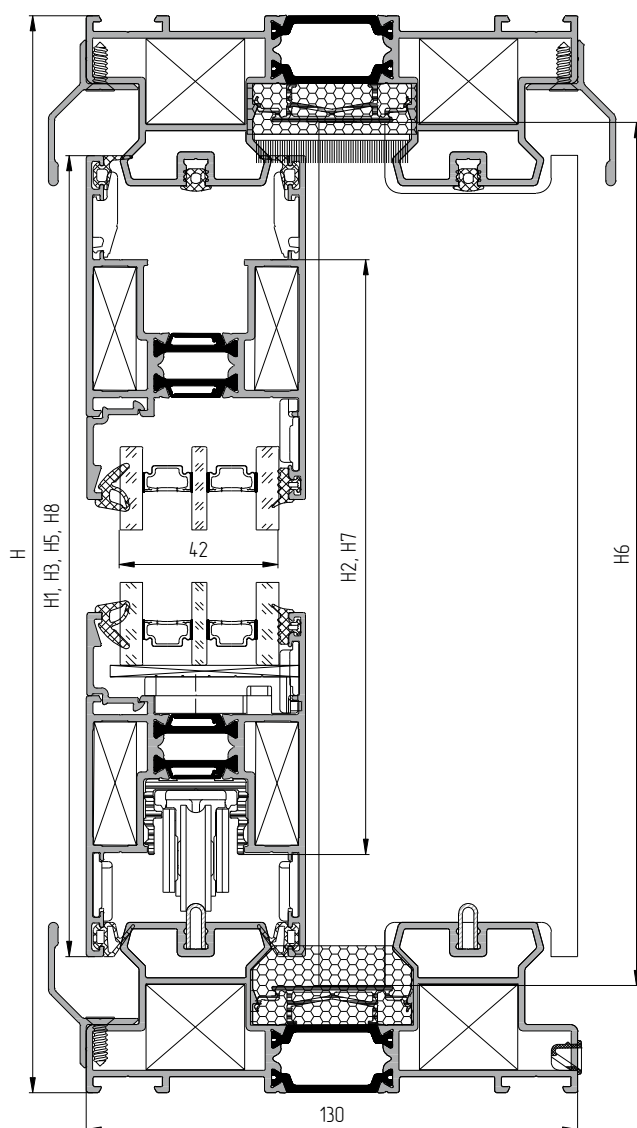
SL130 HS



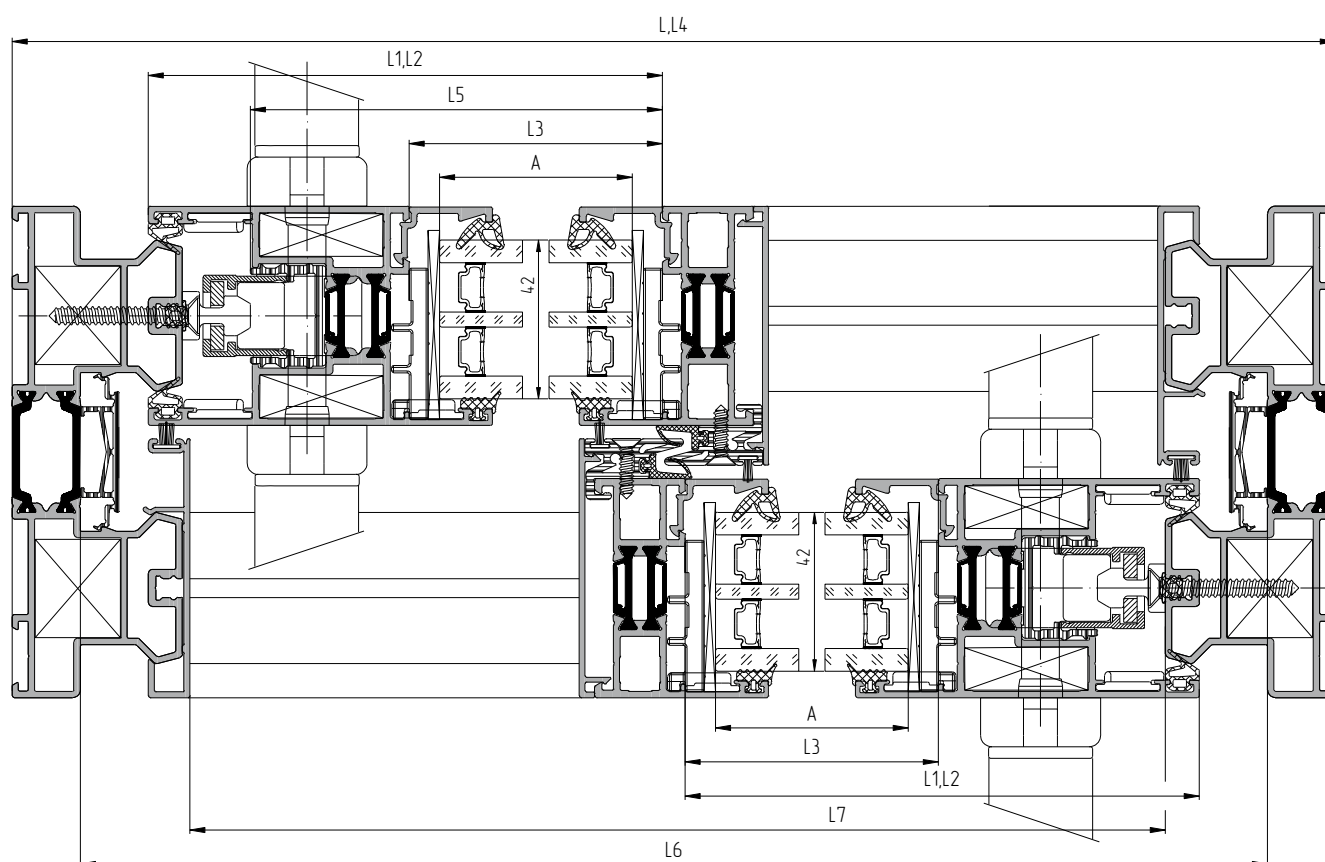
SL130 S



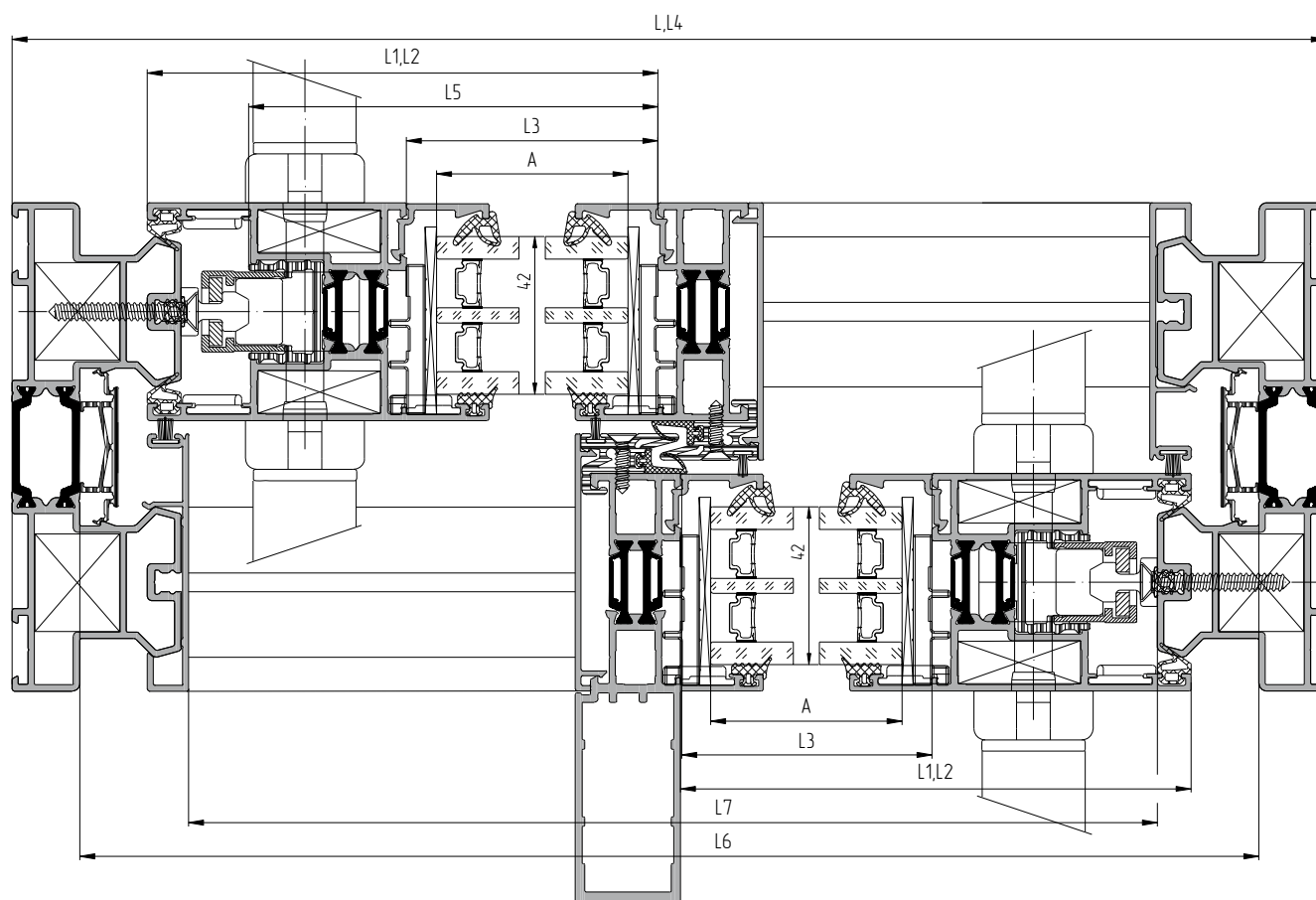
Vertical sections



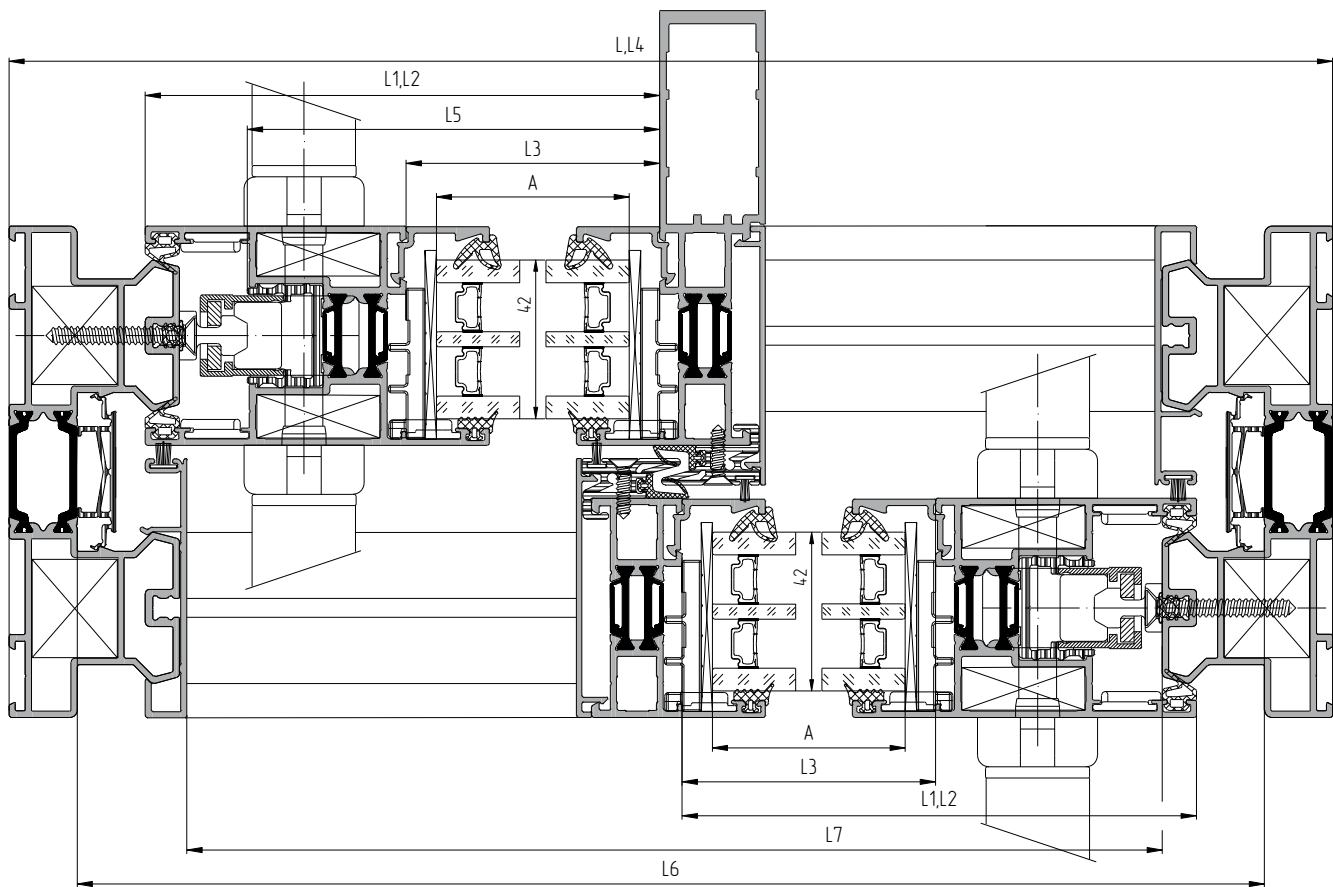
Horizontal sections. Variant 1



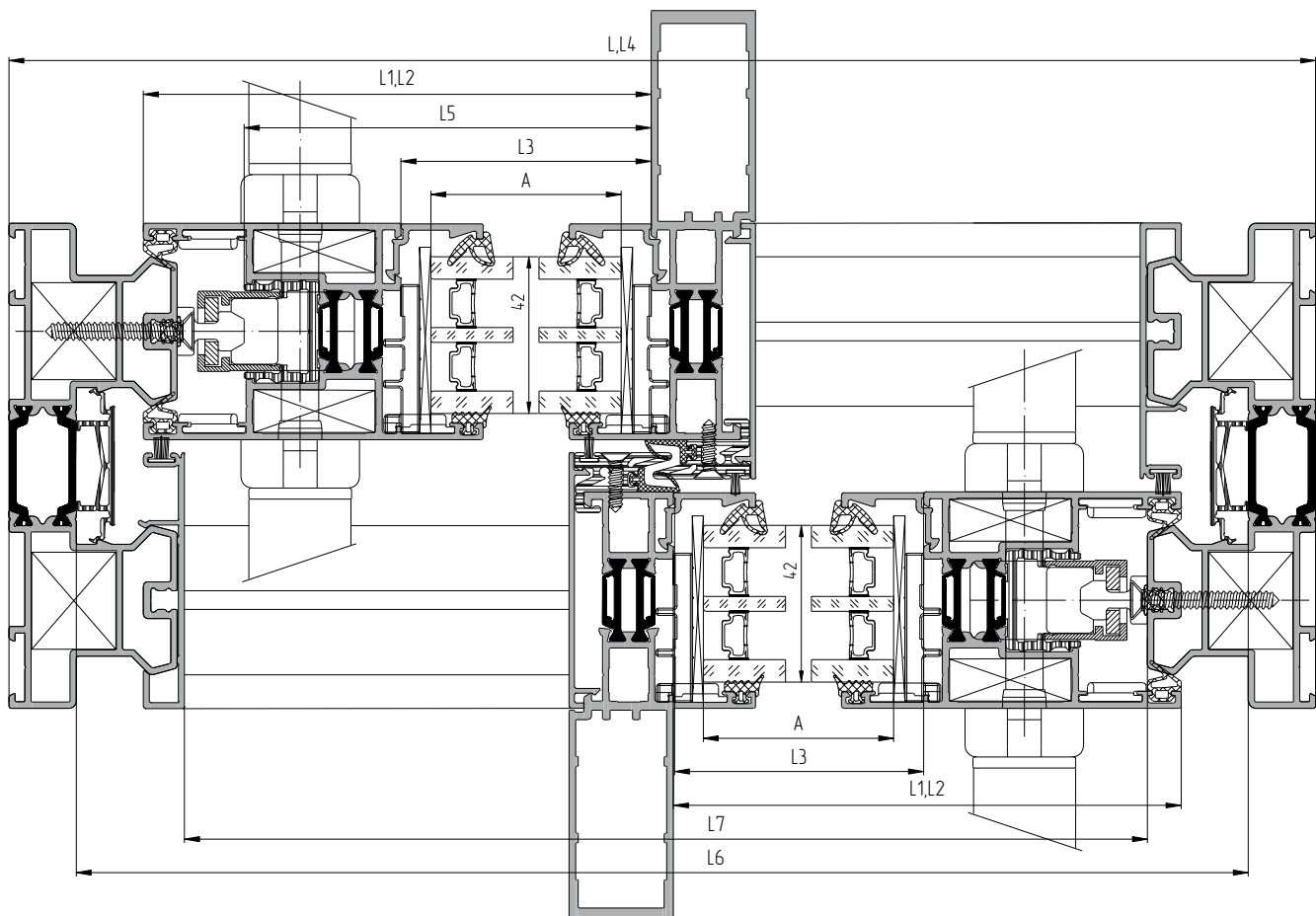
Horizontal sections. Variant 2

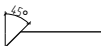
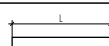
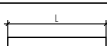
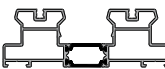
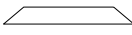
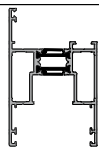
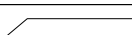
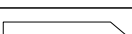
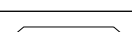
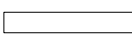
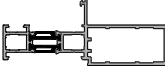
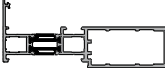
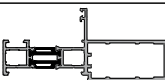
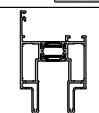
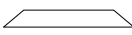
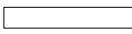
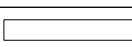
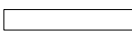
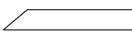
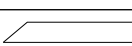
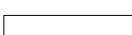
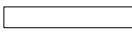
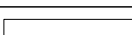
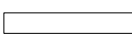


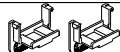
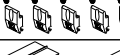
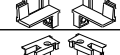
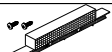
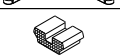
Horizontal sections. Variant 3



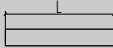
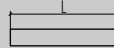
Horizontal sections. Variant 4



Article		Drawing		Type A3		Type A9 Type A10	
					1...		1...
Profile							
AYPC.SL130.0102				L	2	L	2
				H	2	H	2
AYPC.SL130.0201				L1=L/2-39	2	L1=L/4-17.5	4
				L2=L1	2	L2=L1	4
				H1=H-73	2	H1=H-73	3
Select	Variant 1			H2=H1-55		H2=H1-55	
	AYPC.SL130.0202				2		4
	Variant 2						
	AYPC.SL130.0202				1		2
	AYPC.SL130.0204				1		2
	Variant 3						
	AYPC.SL130.0202				1		2
	AYPC.SL130.0203				1		2
	Variant 4						
	AYPC.SL130.0203				1		2
	AYPC.SL130.0204				1		2
AYPC.SL130.0205				-	-	H3=H-73	1
AYPC.SL130.0601				L3=L1-69	4	L3=L1-69	8
				H4=H1-182	4	H4=H1-182	8
AYPC.SL130.0802				H5=H1	2	H5=H1	4
AYPC.SL130.0805-01				H6=H-59	2	H6=H-59	2
AYPC.SL130.0807				L4=L-5	3	L4=L-5	3
AYPC.SL130.1901				L5=L1-27.5	2	L5=L1-27.5	4
				H7=H1-55*	2	H7=H1-55*	4
AYPC.SL130.1903				H8=H1-10	2	H8=H1-10	4
AYPC.SL130.1905				L6=L-36**	2	L6=L-36**	2
				H9=H-46	2	H9=H-46	2
AYPC.SL130.1950				L7=L-92	2	L7=L-94	2

Article	Drawing	1...			
		Type A3		Type A9 Type A10	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
AYPC.SL130.0940HS-01		2	-	4	-
					
					
					
					
					
AYPC.SL130.0940S-01		-	2	-	4
					
					
					
					
AYPC.SL130.0941HS-01		1	-	2	-
					
AYPC.SL130.0985		-	2	-	4
AYPC.W50.0929-01		8	8	8	8
AYPC.SL130.0950-02		8	8	16	16
AYPC.SL130.0951		8	8	16	16
AYPC.SL130.0906		8	8	16	16
AYPC.SL130.0907		1	1	2	2
AYPC.SL130.0908		3	3	3	3
AYPC.W62.0912		4	4	8	8
AYPC.W62.0913		4	4	8	8
AYPC.SL130.0918		8	8	12	12
AYPC.SL130.0925		N***	N***	N***	N***
AYPC.SL130.0933K		-	-	2	2
AYPC.SL130.0943		4	4	4	4
AYPC.SL130.0944		4	4	4	4
AYPC.SL130.0947		2	2	2	2
AYPC.100P.1850		L1/500+3	L1/500+3	2xL1/500+5	2xL1/500+5
AYPC.W62.0901M		8	8	16	16
100x50x3		12	12	24	24
FRK170		8	8	16	16

Article	Drawing	1...			
		Type A3		Type A9 Type A10	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
FRK177		8	–	12	–
FRK178		4	–	6	–
FRK178-01		4	–	6	–

Article	Drawing	Type A3				Type A9 Type A10			
		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...
Gaskets									
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	-	-	L1x2	4	-	-
FRK175		L1x2+H1x2	2	H1x2	2	L1x4+H1x3	2	H1x3	2
FRK188		L7+H1	2	L7+H1	2	L7+H1	2	L7+H1	2
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK230		H8	2	H8	2	H8	4	H8	4
ISE01		H6	2	H6	2	H6	2	H6	2
IS10		H8	2	H8	2	H8	4	H8	4
AYPC.SL130.0912		-	-	L1x2	4	-	-	L1x2	8

Article	Drawing	1...	
		Type A3	Type A9 Type A10
Hardware			
3.9x13-A2 ISO14586		L4/100	L4/100
3.9x19-A2ISO14586		H8/150	H8/75
5x10DIN6325D		32	44
5x14DIN6325D		-	4

Variant	AYPC.SL130.0925 quantity, N, pcs	
	Type A3	Type A9 Type A10
1	–	–
2	2	4
3	2	4
4	4	8

Infill			
Type A3		Type A9 Type A10	
A=L1-85, B=H1-154	2	A=L1-85, B=H1-154	4

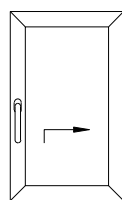


1. When manufacturing types A9 and A10 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.31).

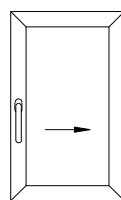
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

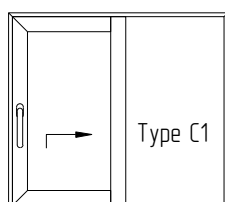
**The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



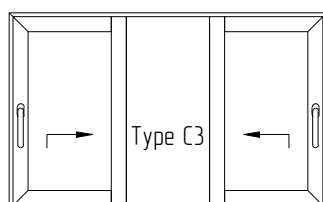
SL130 HS



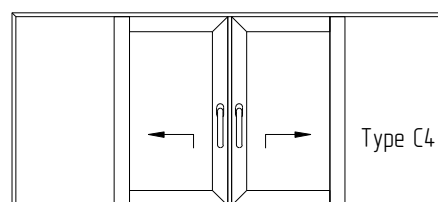
SL130 S



Type C1

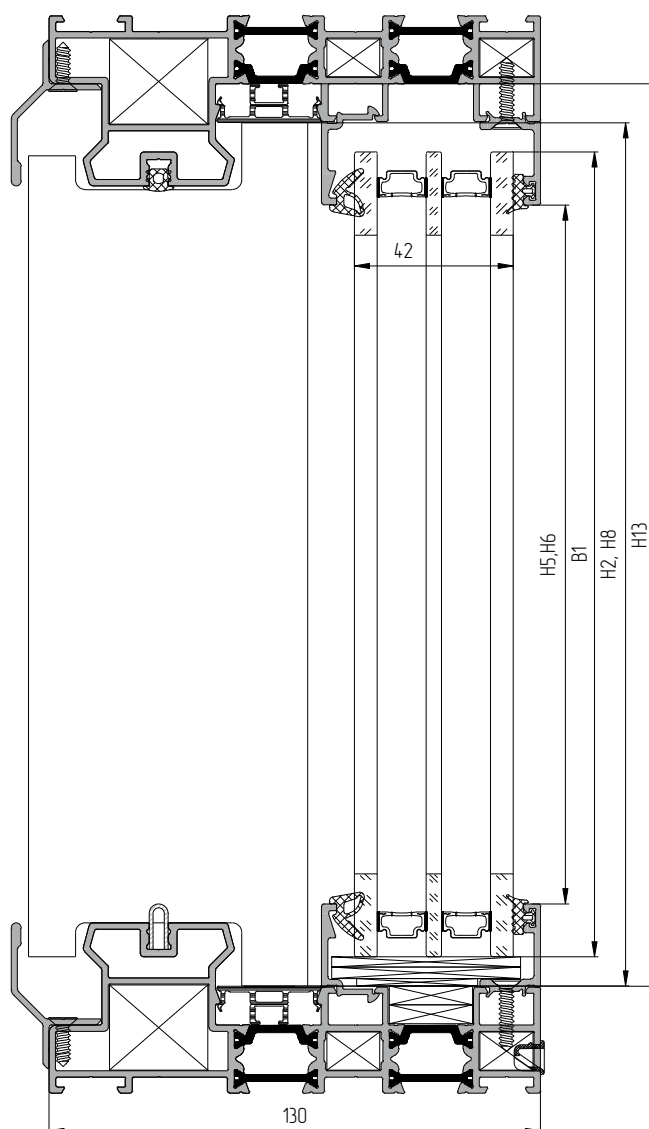
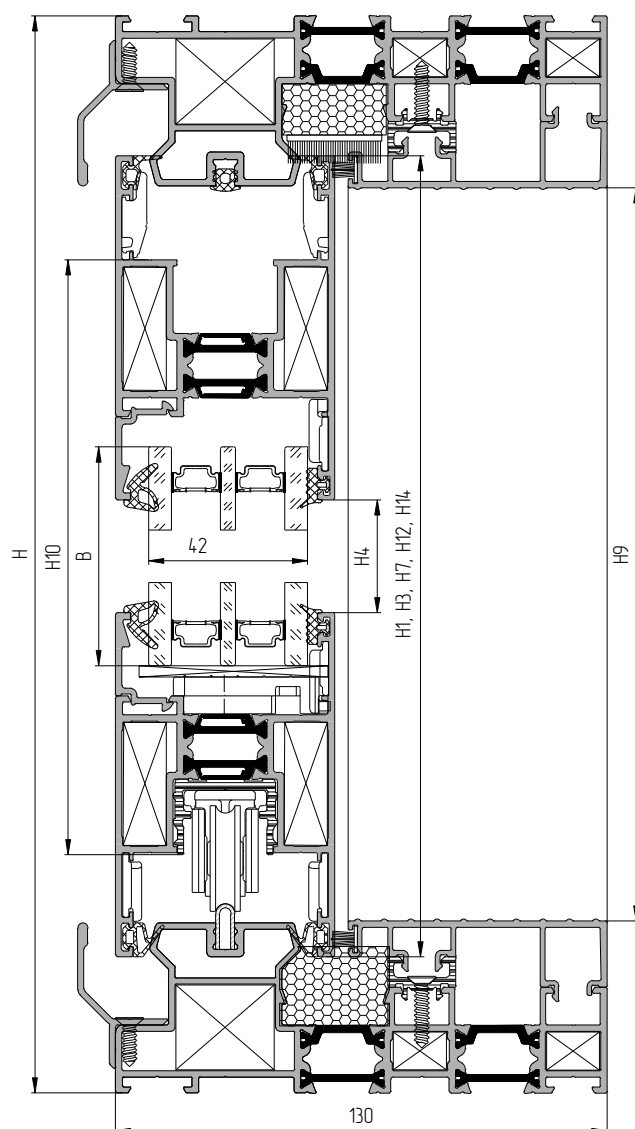


Type C3

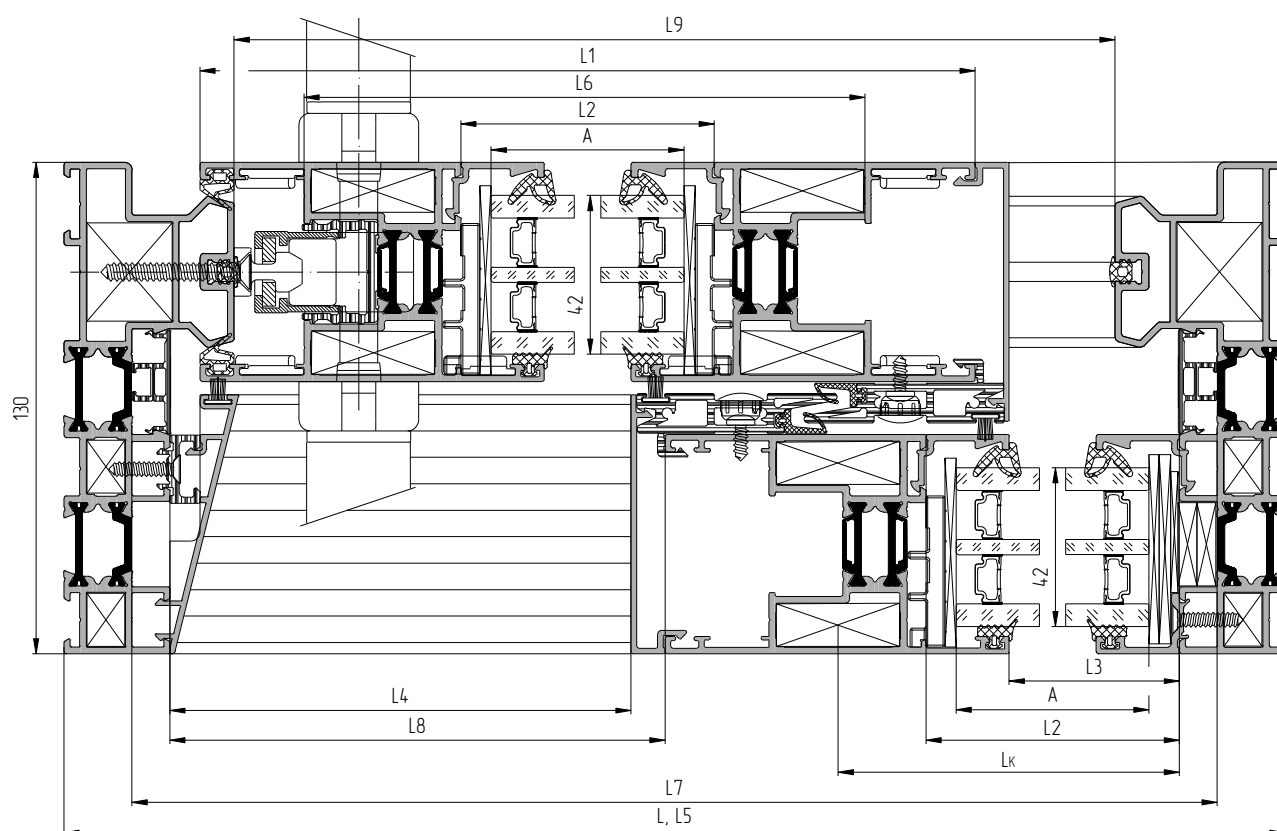


Type C4

Vertical sections

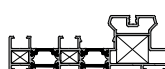
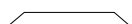
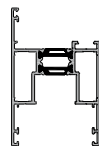
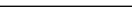
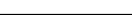
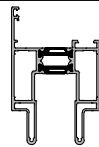
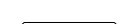
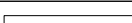
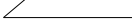
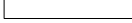


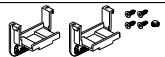
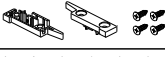
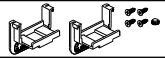
Horizontal sections



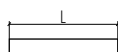
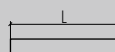
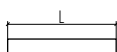
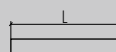
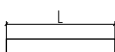
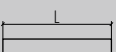
Infill					
Type C1		Type C3		Type C4	
A=L1-154; B=H1-154	1	A=L1-154; B=H1-154	2	A=L1-154; B=H1-154	2
A=L1-154; B1=H-72	1	A=L1-154; B1=H-72	1	A=L1-154; B1=H-72	2

Distance to transom insert axle, L_0		
Type C1	Type C3	Type C4
$L_0 = L/2-715$	$L_0 = L/3+25$	$L_0 = L/4-50$

Article	Drawing	Type C1		Type C3		Type C4		
			1...		1...		1...	
Profile								
AYPC.SL130.0104			L	2	L	2	L	2
			H	2	H	2	H	2
AYPC.SL130.0201			L1=L/2+43,5	2	L1=L/3+30,5	4	L1=L/4+65	4
			H1=H-73	2	H1=H-73	4	H1=H-73	3
			H2=H-56	1	H2=H-56	2	H2=H-56	2
AYPC.SL130.0205			-	-	-	-	H3=H-73	1
AYPC.SL130.0601			L2=L1-138	4	L2=L1-138	6	L2=L1-138	8
			H4=H1-182	2	H4=H1-182	4	H4=H1-182	4
			H5=H-100	2	H5=H-100	2	H5=H-100	4
AYPC.SL130.0611			H6=H5	1	-	-	H6=H5	2
			L3=L2-22	2	L3=L2-44	2	L3=L2-22	4
AYPC.SL130.0801			H7=H1	1	H7=H1	2	H7=H1	2
			H8=H-56	1	H8=H-56	2	H8=H-56	2
AYPC.SL130.0803			L4=L/2-40	2	L4=L/3-53	4	L4=2xL1-196	2
AYPC.SL130.0804			H9=H-92	1	H9=H-92	2	-	-
AYPC.SL130.0807			L5=L-5	2	L5=L-5	2	L5=L-5	2
AYPC.SL130.1901			L6=L1-57	1	L6=L1-57	2	L6=L1-57	2
			H10=H1-55*	1	H10=H1-55*	2	H10=H1-55*	2
AYPC.SL130.1902			H11=H1-10	1	H11=H1-10	2	H11=H1-10	2
			H12=H-72	1	H12=H-72	2	H12=H-72	2
AYPC.SL130.1904			L7=L-36**	2	L7=L-36**	2	L7=L-36**	2
			H13=H-46	2	H13=H-46	2	H13=H-46	2
AYPC.SL130.1906			L8=L/2-30,5	2	L8=L/3-43,5	4	L8=L4+18	2
			H14=H-72	1	H14=H-72	2	-	-
AYPC.SL160.1950			L9=L-90	1	L9=L-90	1	L9=L-90	1

Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.094.0HS		1	-	2	-	2	-
							
							
							
							
AYPC.SL130.094.0S		-	1	-	2	-	2
							
							
							
AYPC.SL130.094.2HS		1	-	2	-	2	-
							
AYPC.SL130.0986-01		-	2	-	4	-	4
AYPC.W50.0929-01		4	4	4	4	4	4
AYPC.SL130.0950-02		4	4	8	8	8	8
AYPC.SL130.0951		8	8	16	16	16	16
AYPC.SL130.0952		8	8	8	8	8	8
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0908		2	2	2	2	2	2
AYPC.W62.0912		4	4	8	8	8	8
AYPC.SL130.0918		8	8	16	16	12	12
AYPC.SL130.0933K		-	-	-	-	2	2
AYPC.SL130.0943		2	2	2	2	2	2
AYPC.SL130.0944		2	2	2	2	2	2
AYPC.SL130.0945		8	8	8	8	8	8
AYPC.SL130.0947		1	1	1	1	1	1
AYPC.SL160.0928		H11/150	H11/150	H11/75	H11/75	H11/75	H11/75
AYPC.100P.1850		L1/500+3	L1/500+3	2xL1/500+5	2xL1/500+5	2xL1/500+5	2xL1/500+5
100x22x5		6	6	4	4	12	12
100x32x2		3	3	2	2	6	6
AYPC.W62.0901M		5	5	10	10	10	10
100x50x3		13	13	18	18	26	26

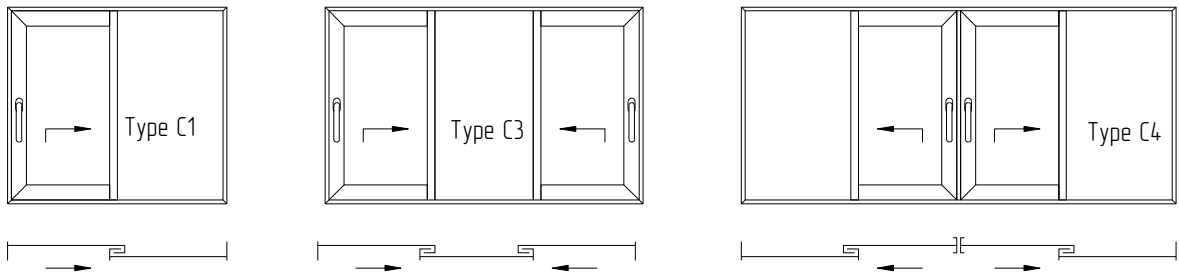
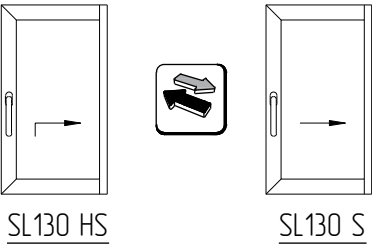
Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
FRK170		8	8	12	12	16	16
FRK177		4	-	8	-	4	-
FRK178		2	-	4	-	2	-
FRK178-01		2	-	4	-	2	-

Article	Name Drawing	Type C1				Type C3				Type C4			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK176		L1x2	1	-	-	L1x2	2	-	-	L1x2	2	-	-
FRK175		L1x2+H1x2	1	H1x2	1	L1x2+H1x2	2	H1x2	2	L1x2+H1	2	H1x2	1
FRK188		L9+H1x2	1	L9+H1x2	1	L9+H1x2	1	L9+H1x2	1	L9+H1x2	1	L9+H1x2	1
FRK191		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK230		H1	2	H1	2	H1	4	H1	4	H1	4	H1	4
ISE01		2xH12+H9+2xL4	1	2xH12+H9+2xL4	1	4xH12+2H9+4xL4	1	4xH12+2H9+4xL4	1	4xH12+2xL4	1	4xH12+2xL4	1
AYPC.SL130.0912		-	-	L1x2	2	-	-	L1x2	4	-	-	L1x4	2

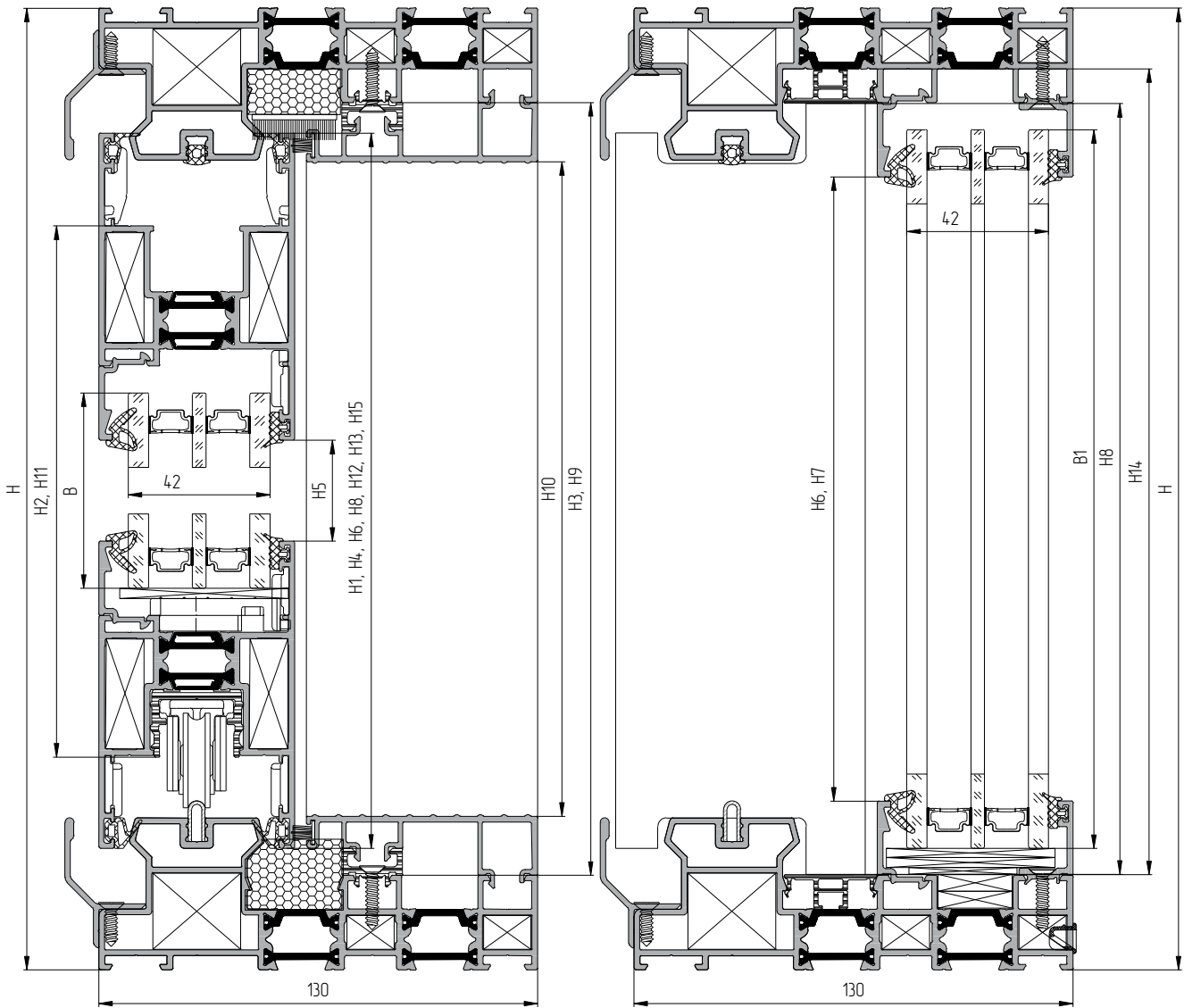
Article	Drawing	1...		
		Type C1	Type C3	Type C4
Hardware				
3.9x9.5-A2ISO14585		H11/150	H11/75	H11/75
3.9x13-A2ISO14586		L/150	L/150	L/150
3.9x19-A2ISO14586		L8/250+H14/500+L3/250+H6/500	L8/125+H14/250+L3/250	L8/250+H6/250+L3/250
5x10DIN6325D		40	56	52
5x14DIN6325D		-	-	4



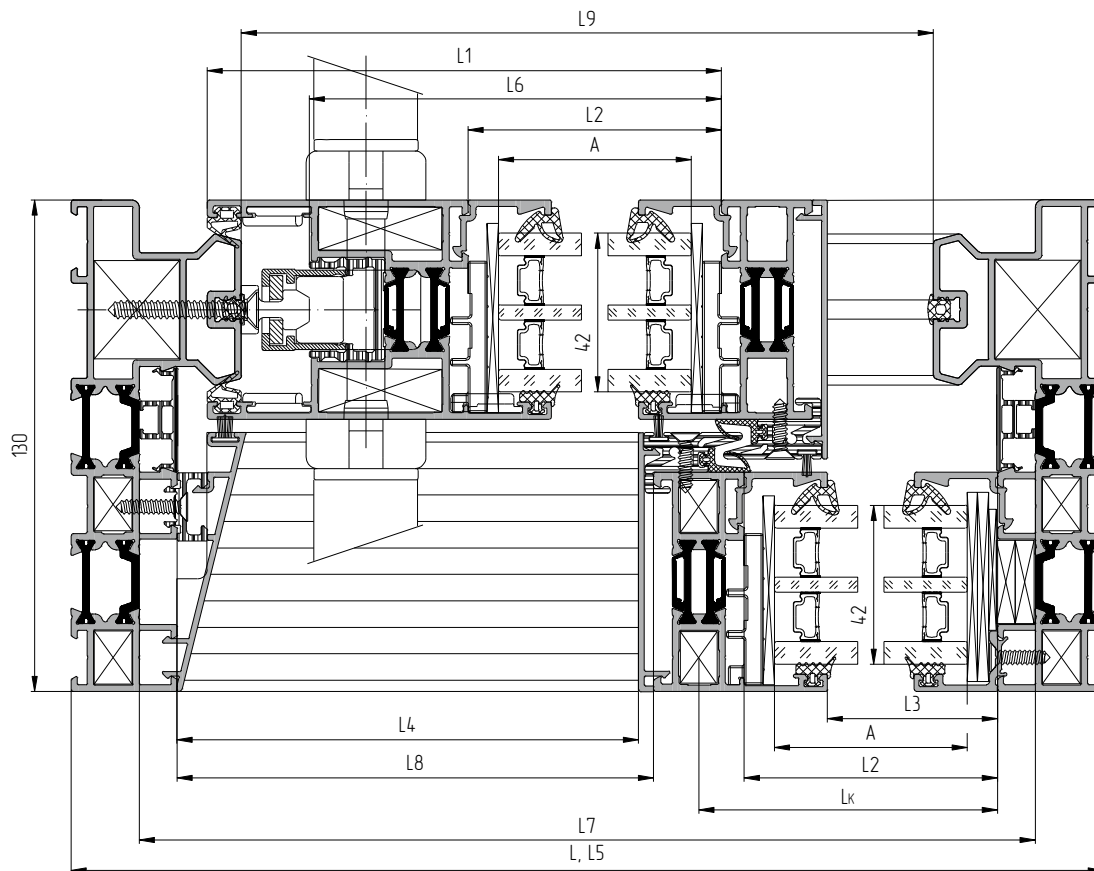
- When manufacturing types C3 and C4 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).
 - Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).
- *The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.
 **The length of AYPC.SL130.1904 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



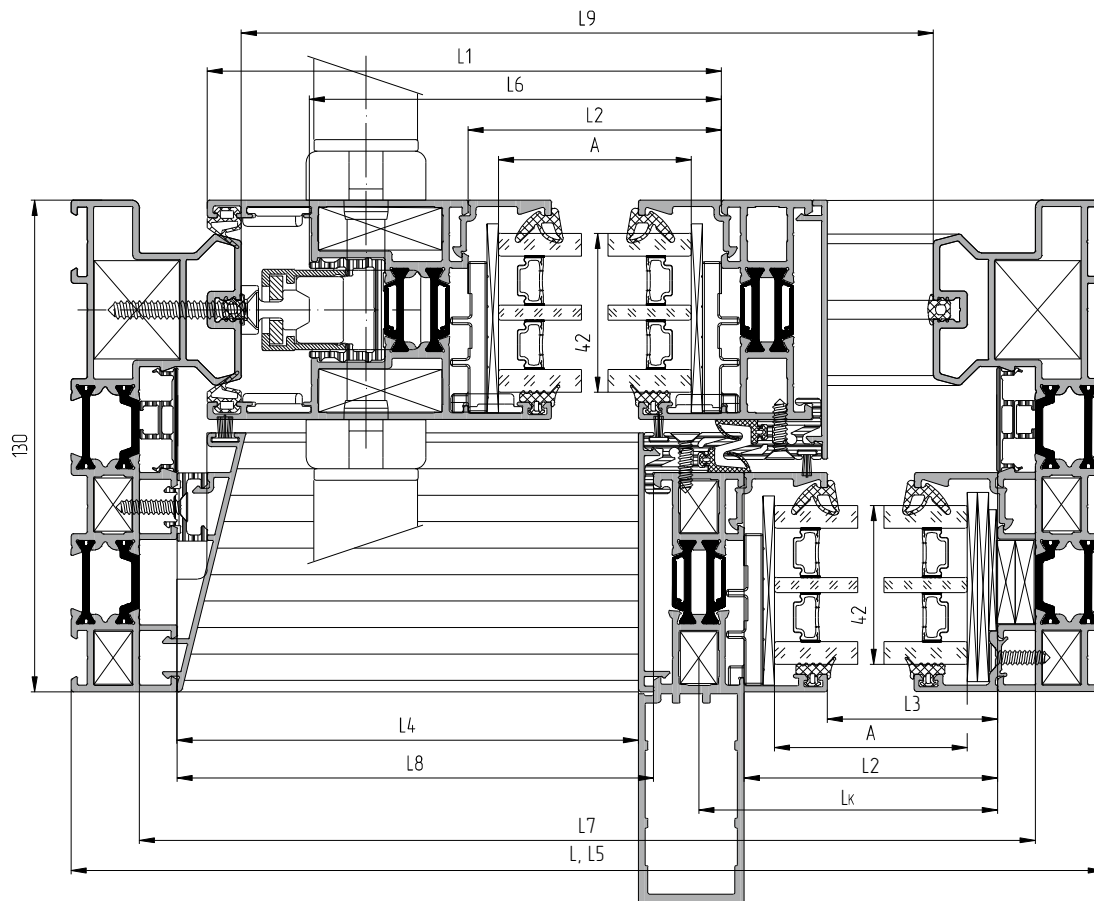
Vertical sections



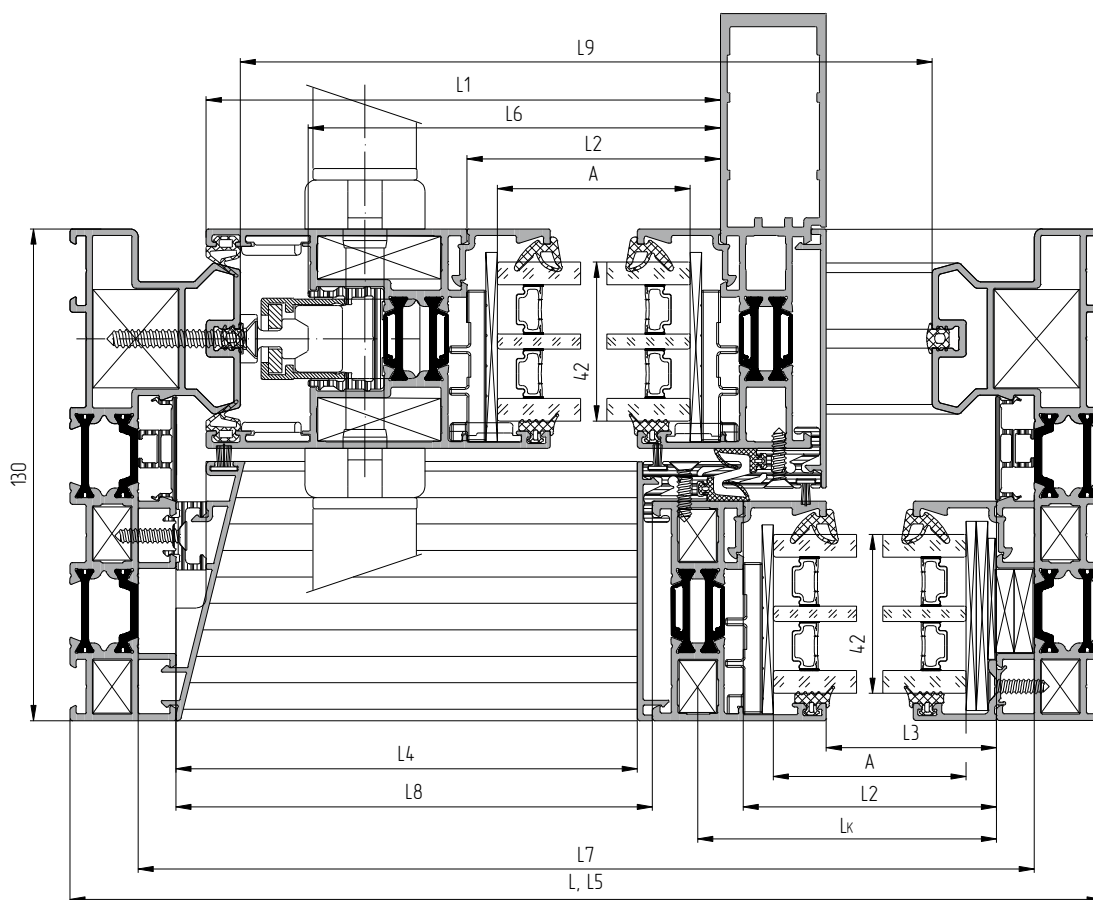
Horizontal sections. Variant 1



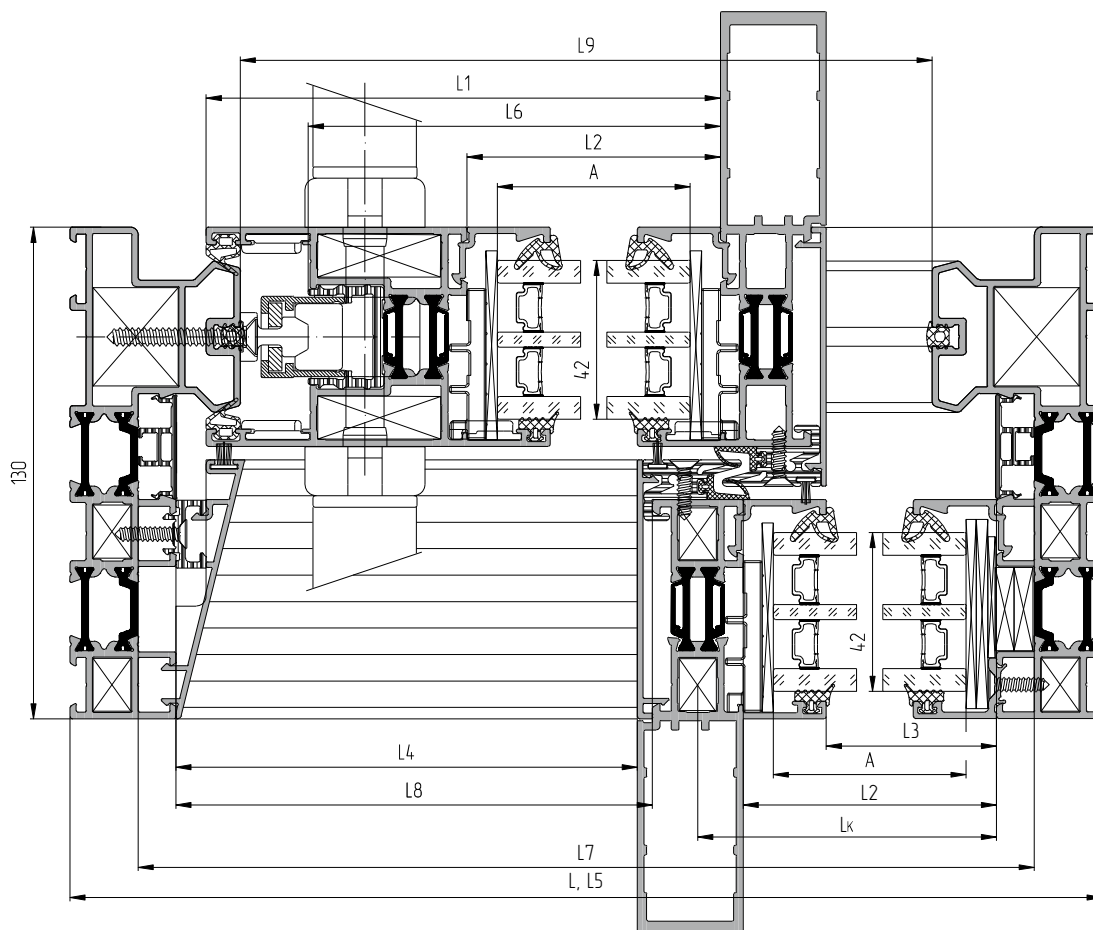
Horizontal sections. Variant 2

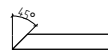
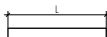
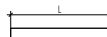
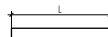
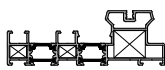
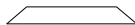
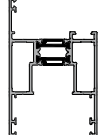
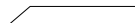
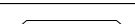
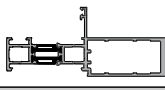
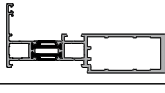
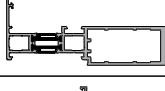
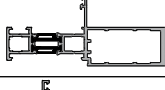
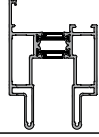
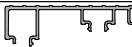
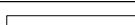
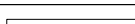
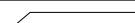


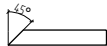
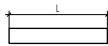
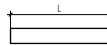
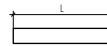
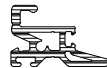
Horizontal sections. Variant 3

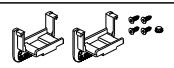
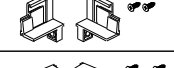
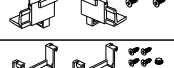
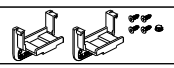
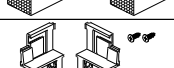
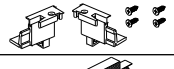
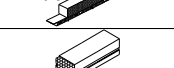


Horizontal sections. Variant 4

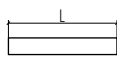
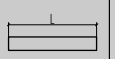
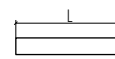
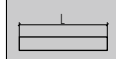
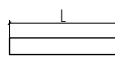
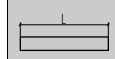


Article		Drawing		Type C1		Type C3		Type C4	
					1...		1...		1...
Profile									
AYPC.SL130.0104			 	L	2	L	2	L	2
				H	2	H	2	H	2
AYPC.SL130.0201				L1=L/2-0.5	1	L1=L/3-5	2	L1=L/4+21	2
				L1=L/2-0.5	1	L1=L/3-5	2	L1=L/4+21	2
				H1=H-73	1	H1=H-73	2	H1=H-73	1
Select	Variant 1								
	AYPC.SL130.0202			H2=H1-55	1	H2=H1-55	2	H2=H1-55	2
				H3=H-56	1	H3=H-56	2	H3=H-56	2
	Variant 2								
	AYPC.SL130.0202			H2=H1-55	1	H2=H1-55	2	H2=H1-55	2
	AYPC.SL130.0204			H3=H-56	1	H3=H-56	2	H3=H-56	2
	Variant 3								
	AYPC.SL130.0203			H2=H1-55	1	H2=H1-55	2	H2=H1-55	2
	AYPC.SL130.0202			H3=H-56	1	H3=H-56	2	H3=H-56	2
	Variant 4								
	AYPC.SL130.0203			H2=H1-55	1	H2=H1-55	2	H2=H1-55	2
	AYPC.SL130.0204			H3=H-56	1	H3=H-56	2	H3=H-56	2
AYPC.SL130.0205				-	-	-	-	H4=H-73	1
AYPC.SL130.0601				L2=L1-69	4	L2=L1-69	6	L2=L1-69	8
				H5=H1-182	2	H5=H1-182	4	H5=H1-182	4
				H6=H-100	2	H6=H-100	2	H6=H-100	4
AYPC.SL130.0611				H7=H-100	1	-	-	H7=H-100	2
				L3=L2-22	2	L3=L2-44	2	L3=L2-22	4
AYPC.SL130.0802				H8=H1	1	H8=H1	2	H8=H1	2
				H9=H-56	1	H9=H-56	2	H9=H-56	2
AYPC.SL130.0803				L4=L/2-14.5	2	L4=L/3-19	4	L4=2xL1-58	2
AYPC.SL130.0804				H10=H-92	1	H10=H-92	2	-	-
AYPC.SL130.0807				L5=L-5	2	L5=L-5	2	L5=L-5	2
AYPC.SL130.1901				L6=L1-27.5	1	L6=L1-27.5	2	L6=L1-27.5	2
				H11=H1-55*	1	H11=H1-55*	2	H11=H1-55*	2

Article	Drawing		Type C1		Type C3		Type C4	
				1...		1...		1...
Profile								
AYPC.SL130.1903			H12=H1-10	1	H12=H1-10	2	H12=H1-10	2
			H13=H-72	1	H13=H-72	2	H13=H-72	2
AYPC.SL130.1904			L7=L-36**	2	L7=L-36**	2	L7=L-36**	2
			H14=H-46	2	H13=H-46	2	H13=H-46	2
AYPC.SL130.1906			L8=L/2-10.5	2	L8=L/3-15	4	L8=L/2-8	2
			H15=H-72	1	H14=H-72	2	-	-
AYPC.SL160.1950			L9=L-90	1	L9=L-90	1	L9=L-90	1

Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0940HS-01		1	-	2	-	2	-
							
							
							
							
							
AYPC.SL130.0940S-01		-	1	-	2	-	2
							
							
							
							
AYPC.SL130.0942HS-01		1	-	2	-	2	-
							
AYPC.SL130.0985-01		-	2	-	4	-	4
AYPC.W50.0929-01		4	4	4	4	4	4
AYPC.SL130.0950		4	4	8	8	8	8
AYPC.SL130.0950-02		4	4	8	8	8	8
AYPC.SL130.0951		4	4	8	8	8	8
AYPC.SL130.0952		8	8	8	8	8	8

Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0908		2	2	2	2	2	2
AYPC.W62.0912		2	2	4	4	4	4
AYPC.W62.0913		2	2	4	4	4	4
AYPC.SL130.0918		4	4	8	8	4	4
AYPC.SL130.0925		N***	N***	N***	N***	N***	N***
AYPC.SL130.0933K		–	–	–	–	2	2
AYPC.SL130.0943		2	2	2	2	2	2
AYPC.SL130.0944		2	2	2	2	2	2
AYPC.SL130.0945		8	8	8	8	8	8
AYPC.SL130.0947		2	2	2	2	2	2
AYPC.100P.1850		L1/500+3	L1/500+3	2xL1/500+5	2xL1/500+5	2xL1/500+5	2xL1/500+5
100x22x5		6	6	4	4	12	12
100x32x2		3	3	2	2	6	6
AYPC.W62.0901M		5	5	10	10	10	10
100x50x3		13	13	18	18	26	26
FRK170		8	8	12	12	16	16
FRK177		4	–	8	–	4	–
FRK178		2	–	4	–	2	–
FRK178–01		2	–	4	–	2	–

Article	Drawing	Type C1				Type C3				Type C4			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK176		L1x2	1	–	–	L1x2	2	–	–	L1x2	2	–	–
FRK175		L1x2+H1x2	1	H1x2	1	L1x2+H1x2	2	H1x2	2	L1x2+H1	2	H1x2	1
FRK188		L9+H1x2	1	L9+H1x2	1	L9+H1x2	1	L9+H1x2	1	L9+H1x2	1	L9+H1x2	1
FRK191		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK230		H1	2	H1	2	H1	4	H1	4	H1	4	H1	4
ISE01		2xL4+H9	1	2xL4+H9	1	2xL4+H9	2	2xL4+H9	2	L4	2	L4	2
IS10		H12	2	H12	2	H12	4	H12	4	H12	4	H12	4
AYPC.SL130.0912		–	–	L1x2	2	–	–	L1x2	4	–	–	L1x2	4

Article	Drawing	1...		
		Type C1	Type C3	Type C4
Hardware				
3.9x13-A2ISO14586		L/150	L/150	L/150
3.9x19-A2ISO14586		L8/250+H15/500+L3/250+ +H7/500+H13/150	L8/125+H15/250+L3/250+ +H13/75	L8/250+L3/125+H7/250+ +H13/75
5x10DIN6325D		32	40	36
5x14DIN6325D		-	-	4

Infill					
Type C1		Type C3		Type C4	
A=L1-85; B=H1-154	1	A=L1-85; B=H1-154	2	A=L1-85; B=H1-154	2
A=L1-85; B1=H-72	1	A=L1-85; B1=H-72	1	A=L1-85; B1=H-72	2

Variant	AYPC.SL130.0925 quantity, N, pcs		
	Type C1	Type C3	Type C4
1	-	-	-
2	2	4	4
3	4	8	8
4	4	8	8

The distance to transom insert axle, L ₀		
Type C1	Type C3	Type C4
L ₀ = L/2-57.5	L ₀ = L/3-3	L ₀ = L/4-36

1. When manufacturing types C3 and C4 doors with the width L>6500 mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).

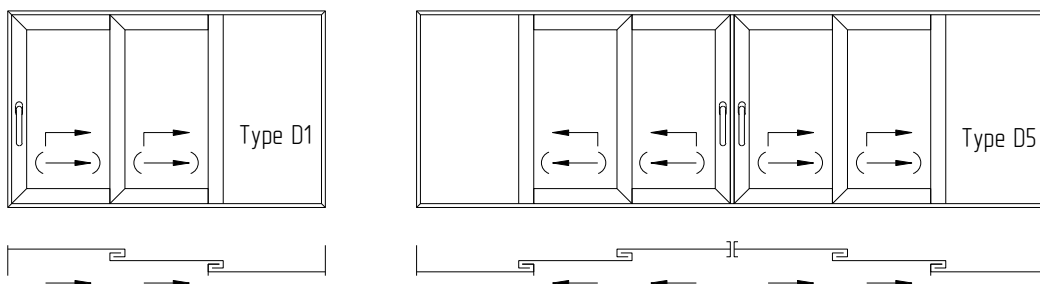
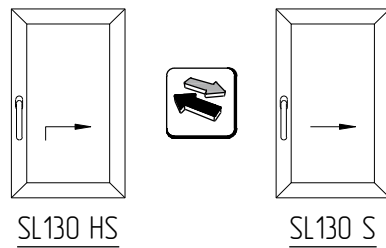
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

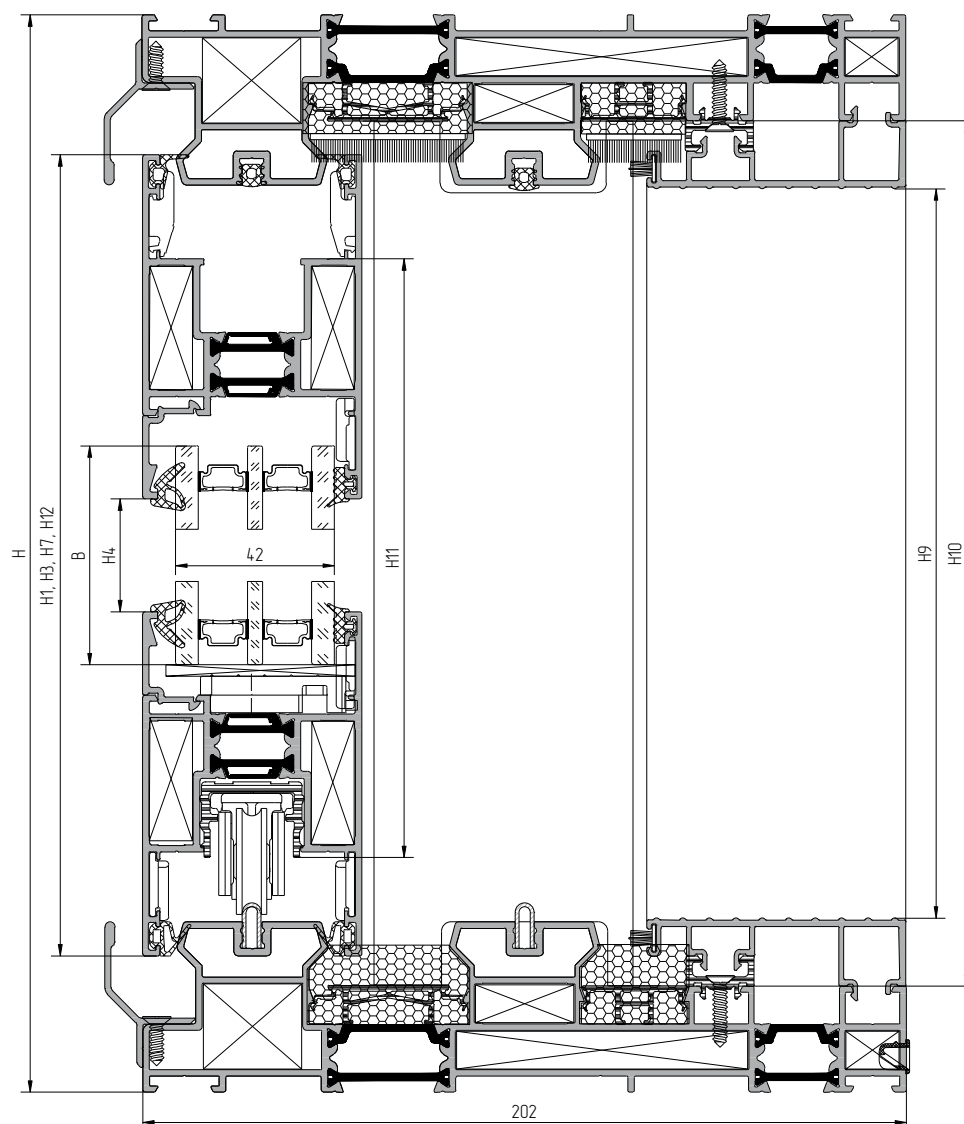
**The length of AYPC.SL130.1904 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.

***AYPC.SL130.0925 cover is used only with sash profile AYPC.SL130.0203 or AYPC.SL130.0204 (see application table).

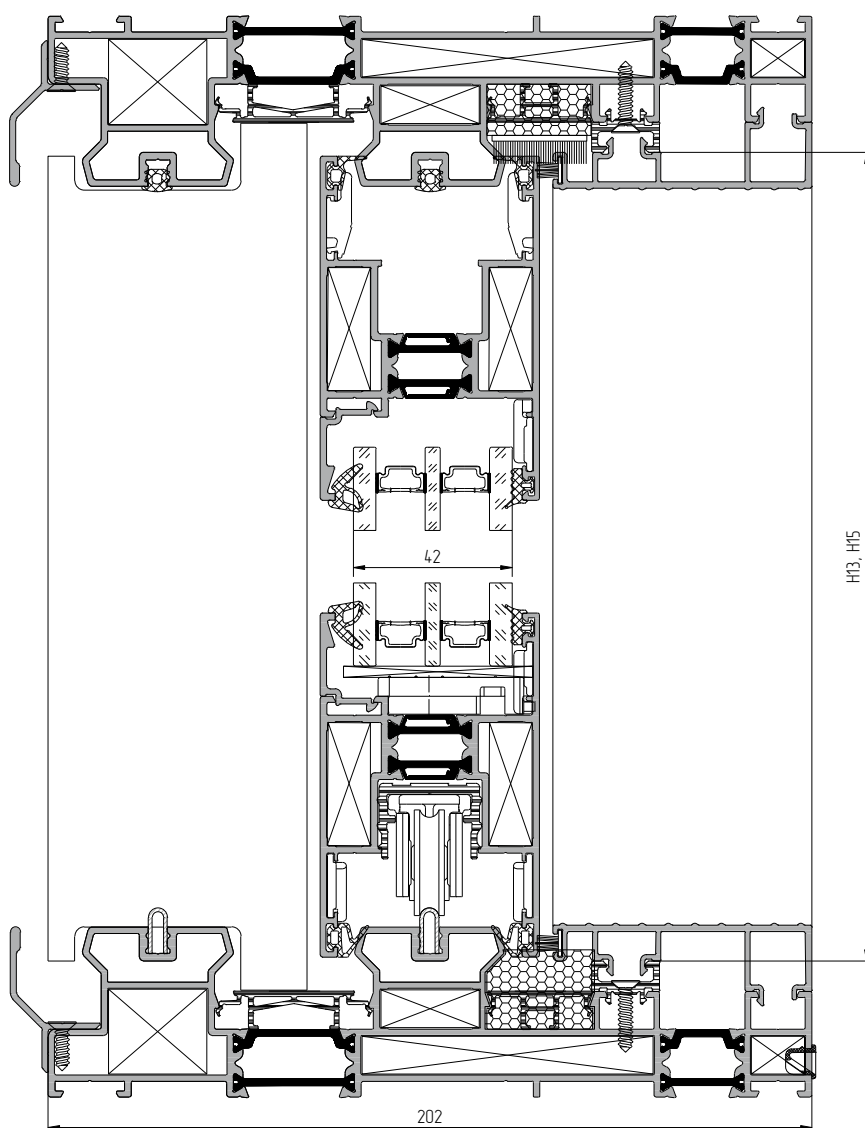


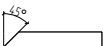
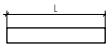
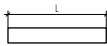
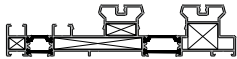
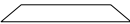
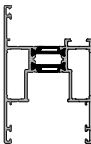
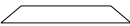
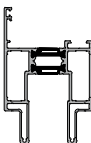


Vertical sections

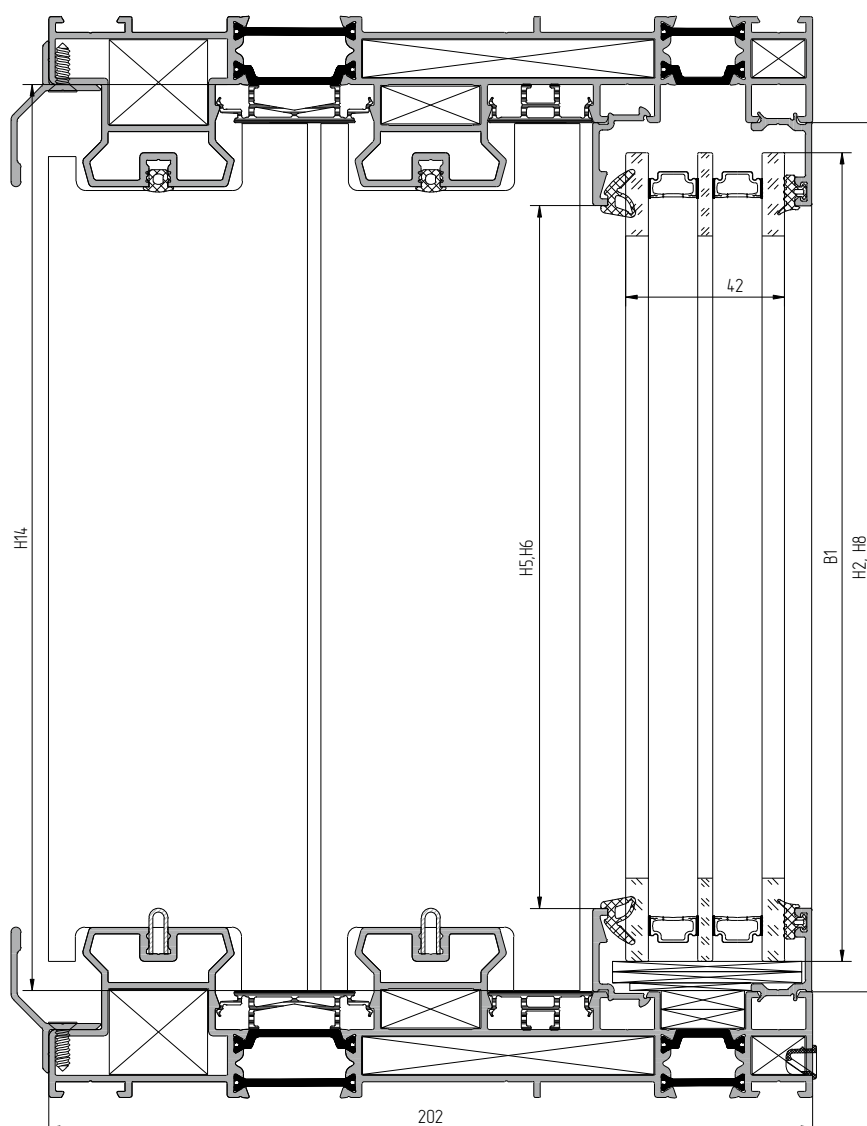


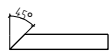
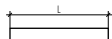
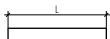
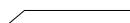
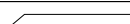
Vertical sections



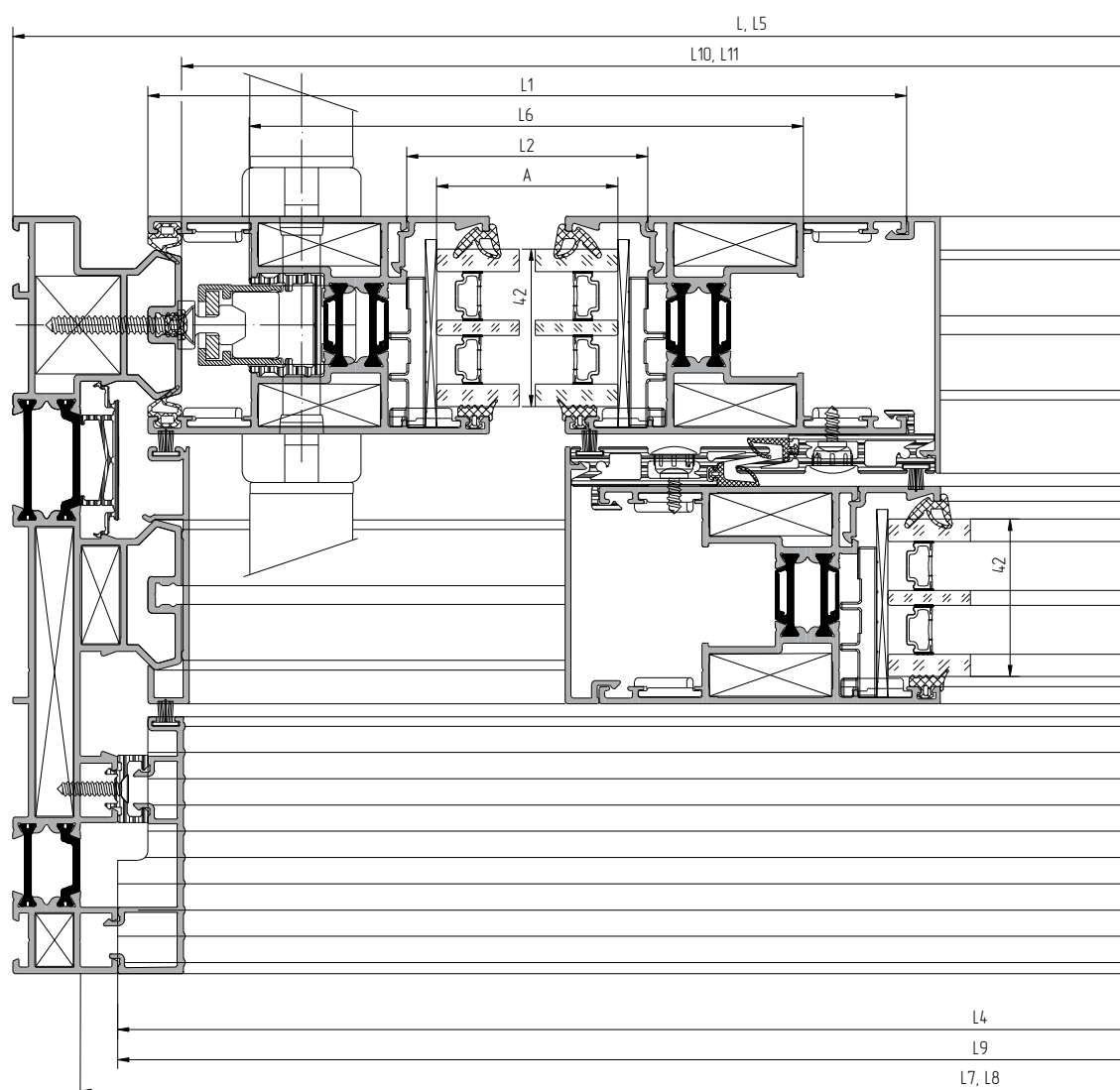
Article	Drawing		Type D1		Type D5	
				1...		1...
Profile						
AYPC.SL130.0108			L	2	L	2
			H	2	H	2
AYPC.SL130.0201			$L1=L/3+56.5$	4	$L1=L/6+70.5$	8
			$H1=H-73$	4	$H3=H-73$	7
			$H2=H-56$	1	$H2=H-56$	2
AYPC.SL130.0205			-	-	$H3=H-73$	1
AYPC.SL130.0601			$L2=L1-138$	6	$L2=L1-138$	12
			$H4=H1-182$	4	$H4=H1-182$	8
			$H5=H1-100$	2	$H5=H1-100$	4

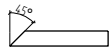
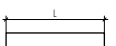
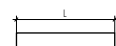
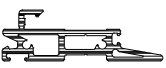
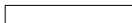
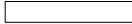
Vertical sections



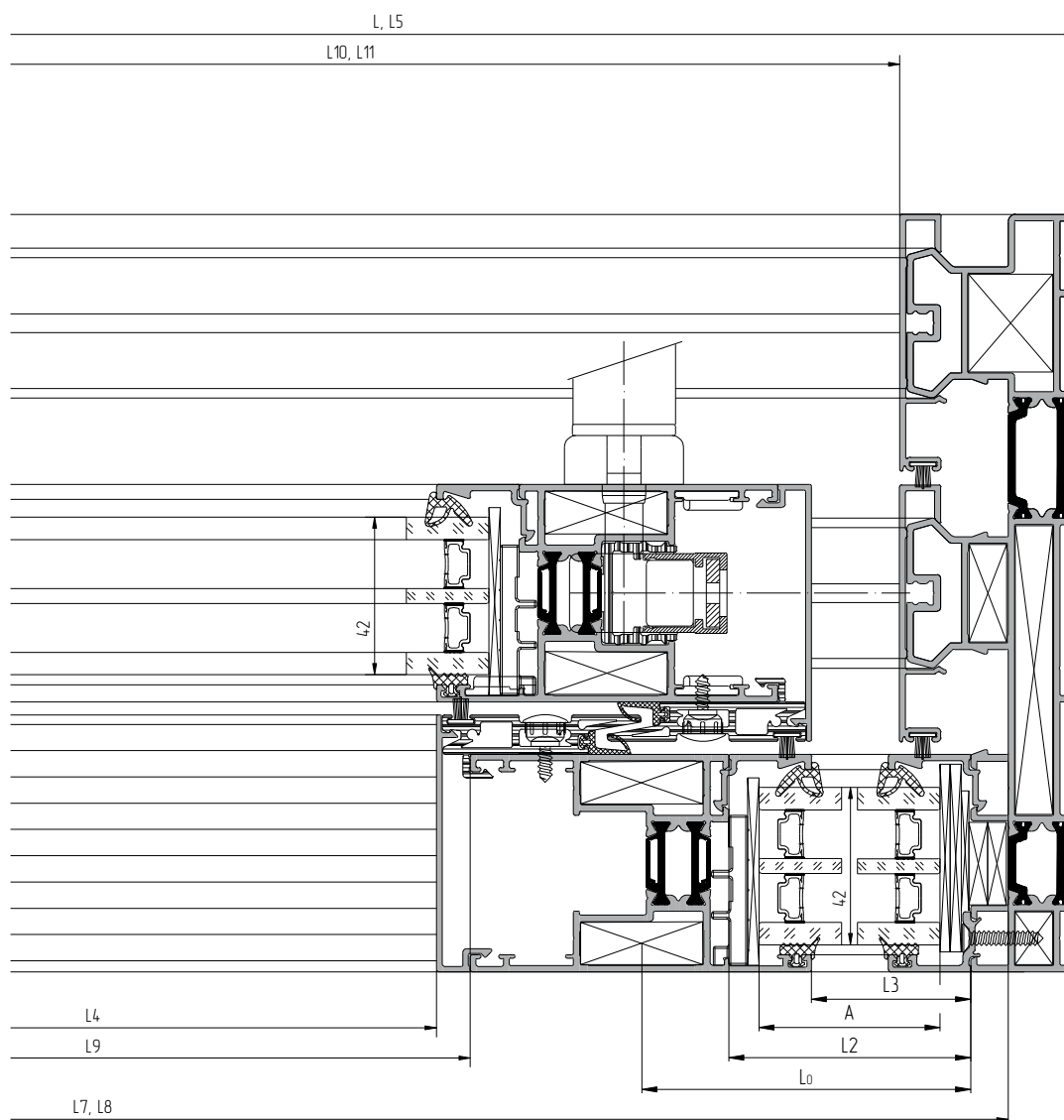
Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.0611			H6=H5	1	H6=H5	2
			L3=L2-22	2	L3=L2-22	4
AYPC.SL130.0801			H7=H1	3	H7=H1	6
			H8=H-56	1	H8=H-56	2
AYPC.SL130.0803			L4=2xL/3-52.5	2	L4=2xL/3-77.5	2
			H9=H-92	1	-	-
AYPC.SL130.0805-01			H10=H-59	3	H10=H-59	4
AYPC.SL130.0807			L5=L-5	2	L5=L-5	2
AYPC.SL130.1901 for SL130 HS lift and slide option			L6=L1-57	2	L6=L1-57	4
			H11=H1-55**	2	H11=H1-55**	4
AYPC.SL130.1901 for SL130 S sliding option			L6=L1-57	1	L6=L1-57	1
			L6=L1-57	1	L6=L1-57	3
			H11=H1-55**	1	H11=H1-55**	1

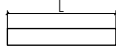
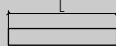
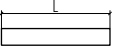
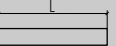
Horizontal sections

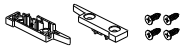
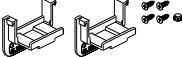
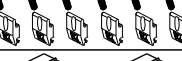
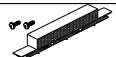
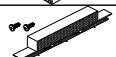


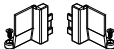
Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.1902			H12=H1-10	3	H12=H1-10	6
			H13=H-72	1	H13=H-72	2
AYPC.SL130.1904			L7=L-36**	2	L7=L-36**	2
AYPC.SL130.1905			L8=L-36**	2	L8=L-36**	2
			H14=H-46	1	-	-
AYPC.SL130.1906			L9=2xL/3-435	2	L9=2xL/3-595	2
			H15=H-56	1	-	-
AYPC.SL130.1950			L10=L-92	1	L10=L-94	2
			L11=L-94	1	-	-

Horizontal sections



Article	Drawing	Type D1				Type D5			
		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...
Gaskets									
FRK29-01		(A+B)x2	3	(A+B)x2	3	(A+B)x2	6	(A+B)x2	6
FRK176		L1x2	2	-	-	L1x2	4	-	-
FRK175		L1x2+H1	2	H1x2	1	L1x4+H1	2	H1x2	1
FRK188		L10x2+H1	1	L10x2+H1	1	L10	2	L10	2
FRK191		(A+B)x2	3	(A+B)x2	3	(A+B)x2	6	(A+B)x2	6
FRK230		H13	4	H13	4	H13	8	H13	8
ISE01		L4+H10x2+H13x2	2	L4+H10x2+H13x2	2	L4+H10x2+H13x4	2	L4+H10x2+H13x4	2
AYPC.SL130.0912		-	-	L1x2	4	-	-	L1x2	8

Article	Drawing	1...			
		Type D1		Type D5	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
AYPC.SL130.0940HS		3	-	6	-
					
					
					
					
AYPC.SL130.0940S		-	3	-	6
					
					
					
AYPC.SL130.0941HS		1	-	2	-
					
AYPC.SL130.0942HS		1	-	2	-
					
AYPC.SL130.0943		4	4	4	4
AYPC.SL130.0944		2	2	2	2
AYPC.SL130.0945		4	4	4	4
AYPC.SL130.0946		4	4	4	4
AYPC.SL130.0947		1	1	1	1
AYPC.SL130.0986		-	2	-	4
AYPC.SL130.0986-01		-	2	-	4
AYPC.W50.0929-01		4	4	4	4
AYPC.SL130.0950-02		4	4	8	8
AYPC.SL130.0951		16	16	32	32
AYPC.SL130.0952		4	4	4	4
AYPC.SL130.0952-01		4	4	4	4
AYPC.SL130.0952-02		4	4	4	4
AYPC.SL130.0906		8	8	16	16
AYPC.SL130.0908		2	2	2	2
AYPC.W62.0912		8	8	16	16
AYPC.SL130.0918		16	16	28	28

Article	Drawing	1...			
		Type D1		Type D5	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
AYPC.SL130.0933K		-	-	2	2
AYPC.SL160.0928		H13/75	H13/75	H13/37.5	H13/37.5
AYPC.100P.1850		2xL1/500+3	2xL1/500+3	4xL1/500+5	4xL1/500+5
100x22x5		6	6	12	12
100x32x2		3	3	6	6
AYPC.W62.0901M		9	9	18	18
100x50x3		19	19	38	38
FRK170		12	12	24	24
FRK177		8	-	12	-
FRK178		4	-	6	-
FRK178-01		4	-	6	-

Article	Drawing	1...	
		Type D1	Type D5
Hardware			
3.9x9.5-A2ISO14585		H13/75	H13/37,5
3.9x13-A2ISO14586		L5/150	L5/150
3.9x19-A2ISO14586		L9/250+H15/500+L3/250+H6/500	L9/250+H6/250+L3/125
5x10DIN6325D		56	84
5x14DIN6325D		-	4

Infill			
Type D1		Type D5	
A=L1-154; B=H1-154	2	A=L1-154; B=H1-154	4
A=L1-154; B1=H-72	1	A=L1-154; B1=H-72	2

Distance to transom insert axle, L ₀	
Type D1	Type D5
L ₀ = L/3-58.5	L ₀ = L/6-44

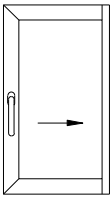


1. When manufacturing types D1 and D5 doors with the width L>6500 mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.33).

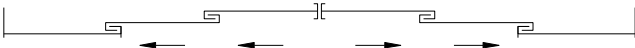
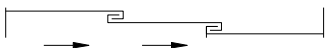
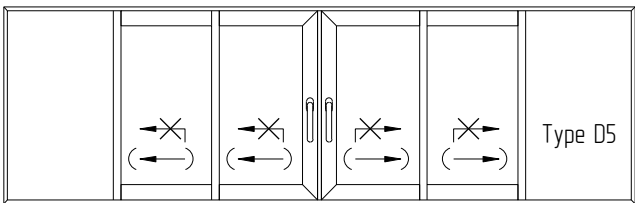
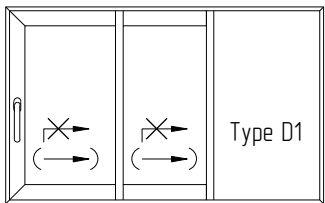
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

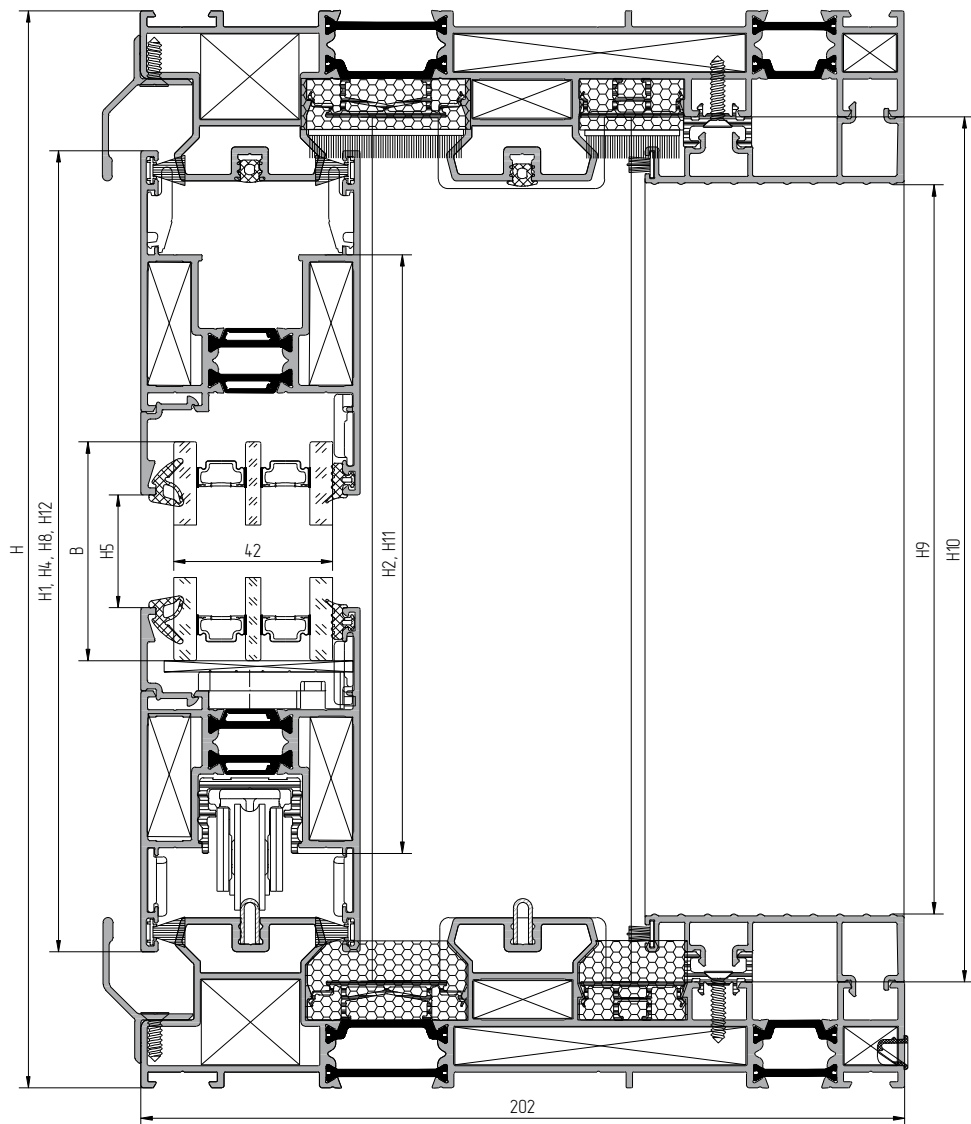
** The length of AYPC.SL130.1904 and AYPC.SL130.1905 profiles is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



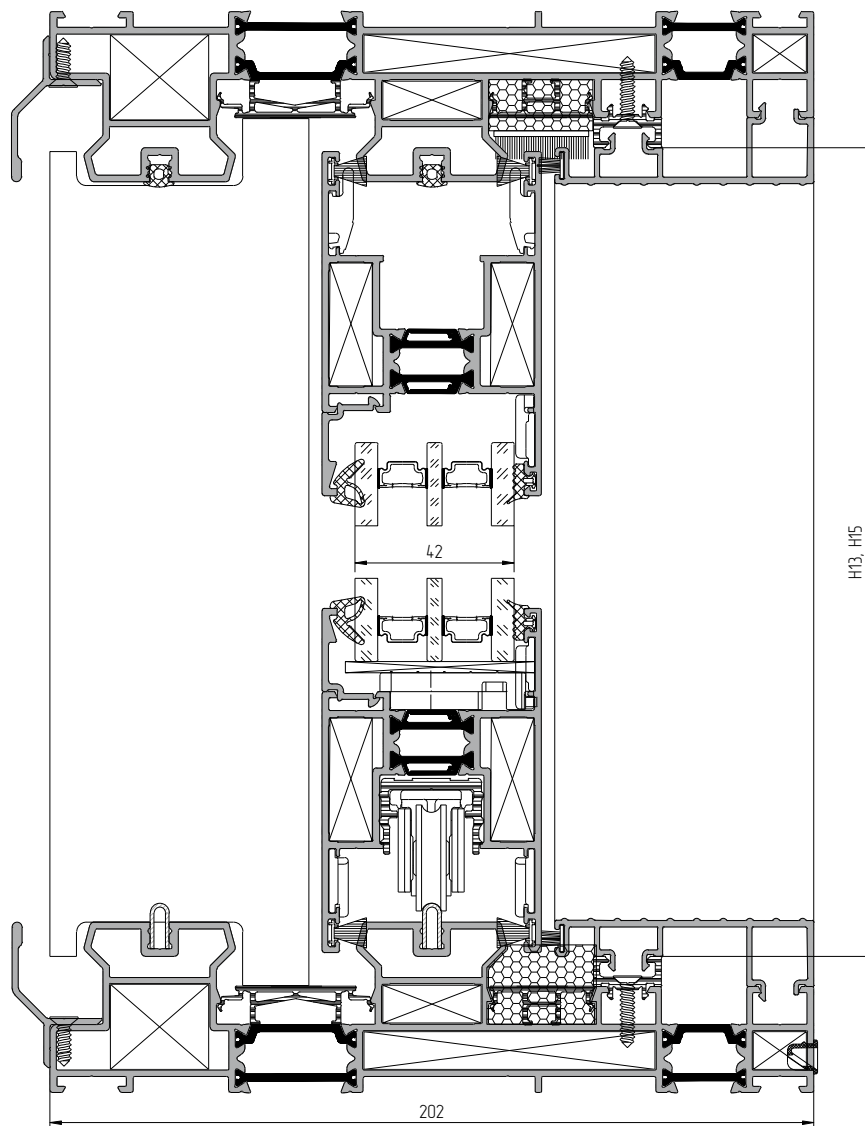
SL130 S

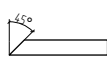
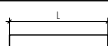
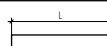
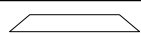
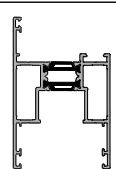
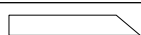
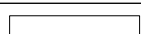
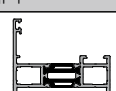
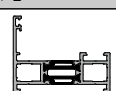


Vertical sections

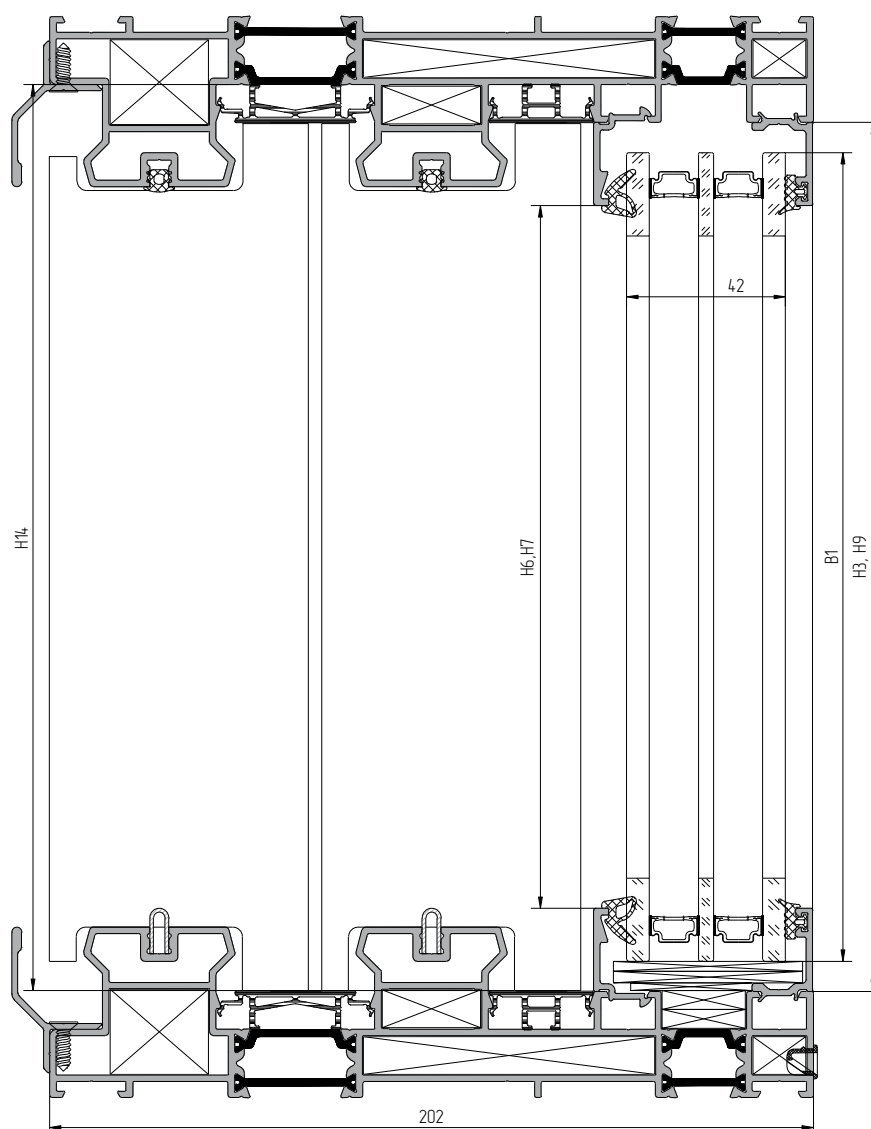


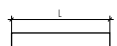
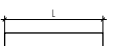
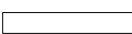
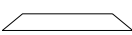
Vertical sections



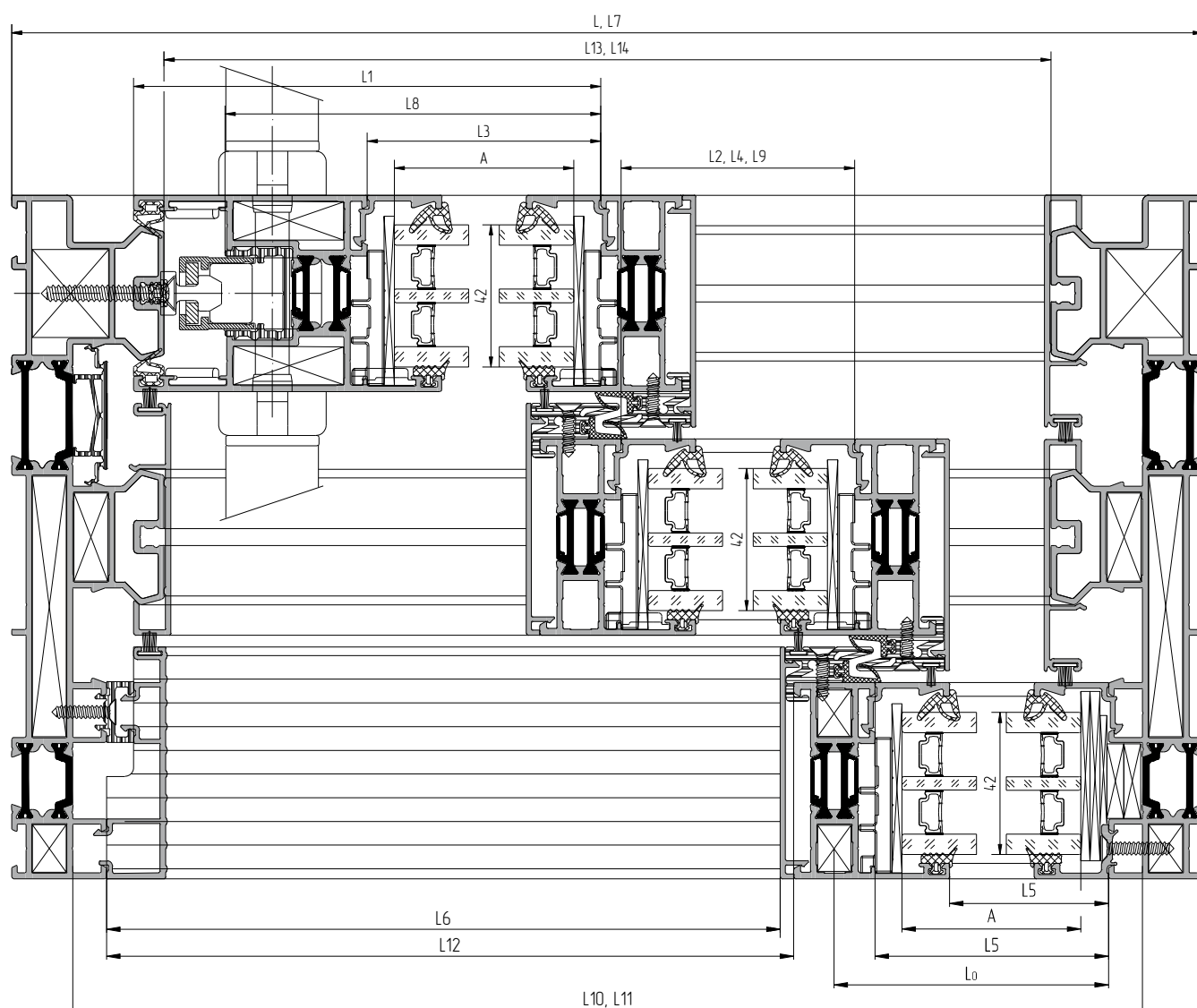
Article		Drawing		Type D1		Type D5	
					1...		1...
Profile							
AYPC.SL130.0108			L	2	L	2	
			H	2	H	2	
AYPC.SL130.0201			$L1=L/3+20.5$	1	$L1=L/6+35$	2	
			$L1=L/3+20.5$	1	$L1=L/6+35$	2	
			$H1=H-73$	1	$H1=H-73$	1	
			$L2=L/3-48.5$	2	$L2=L/6-34$	4	
Select	Variant 1						
	AYPC.SL130.0202			H2=H1-55	3	H2=H1-55	6
				H3=H-56	1	H3=H-56	2
	Variant 2						
	AYPC.SL130.0202			H2=H1-55	2	H2=H1-55	4
	AYPC.SL130.0204			H2=H1-55	1	H2=H1-55	2
				H3=H-56	1	H3=H-56	2

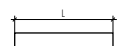
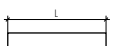
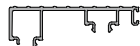
Vertical sections



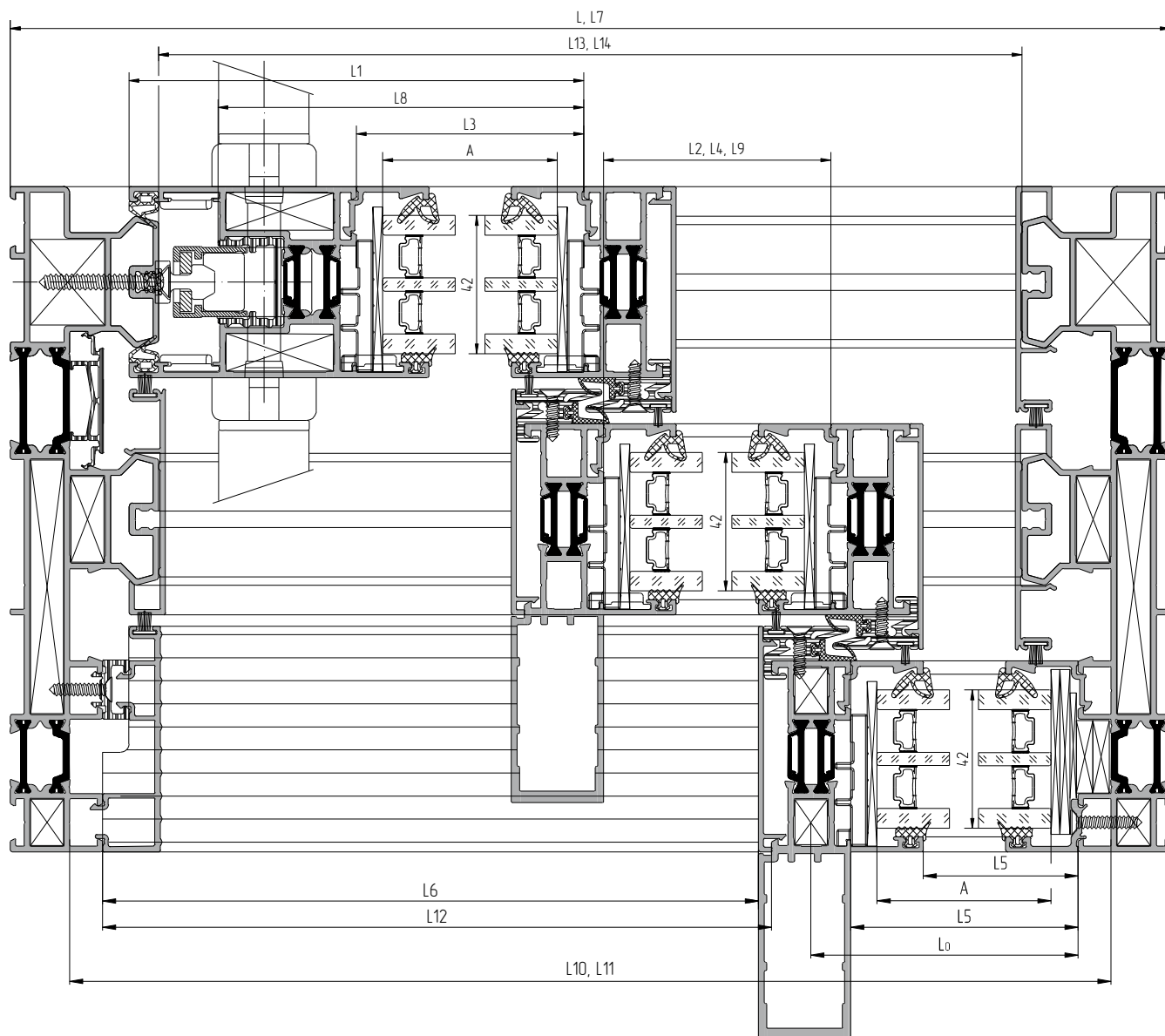
Article	Drawing		Type D1		Type D5	
				1...		1...
Select	Variant 3					
	AYPC.SL130.0203		H2=H1-55	2	H2=H1-55	4
	AYPC.SL130.0202		H2=H1-55	1	H2=H1-55	2
			H3=H-56	1	H3=H-56	2
	Variant 4					
	AYPC.SL130.0203		H2=H1-55	2	H2=H1-55	4
	AYPC.SL130.0204		H2=H1-55	1	H2=H1-55	2
			H3=H-56	1	H3=H-56	2
	AYPC.SL130.0205		-	-	H4=H-73	1

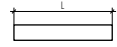
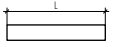
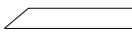
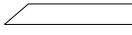
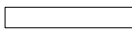
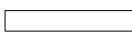
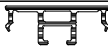
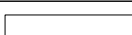
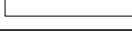
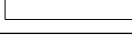
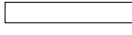
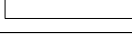
Horizontal sections. Variant 1



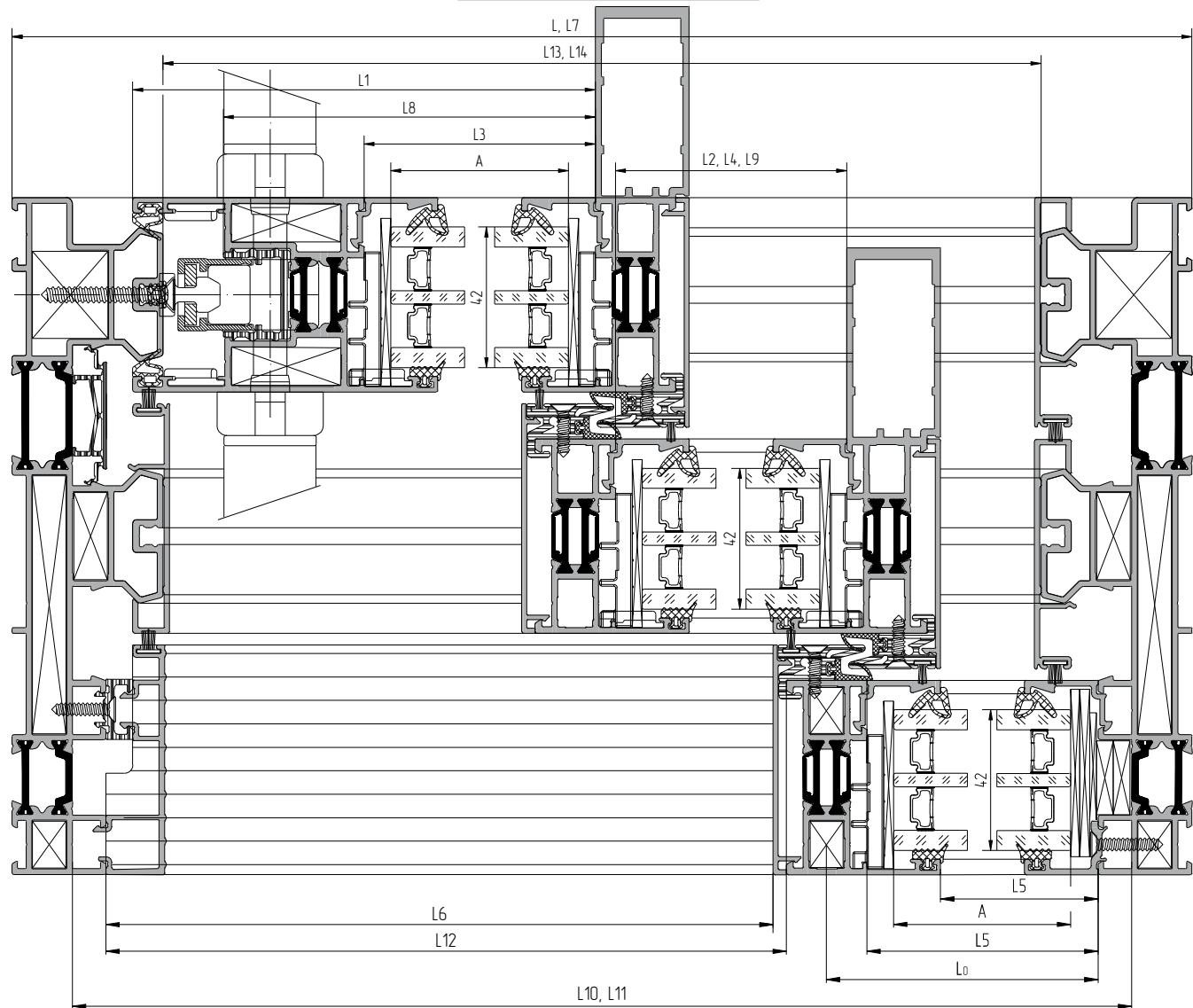
Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.0601			L3=L1-69	4	L3=L1-69	8
			L4=L2	2	L4=L2	4
			H5=H1-182	4	H5=H1-182	8
			H6=H-100	2	H6=H-100	4
AYPC.SL130.0611			H7=H-100	1	H7=H-100	2
			L5=L3-22	2	L5=L3-22	4
AYPC.SL130.0802			H8=H-73	3	H8=H-73	6
			H9=H-56	1	H9=H-56	2
AYPC.SL130.0803			L6=2xL/3-35.5	2	L6=2xL/6-44	2
			H9=H-92	1	-	-
AYPC.SL130.0805-01			H10=H-59	3	H10=H-59	4
AYPC.SL130.0807			L7=L-5	2	L7=L-5	2

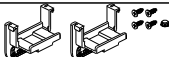
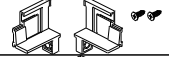
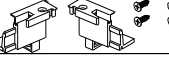
Horizontal sections. Variant 2



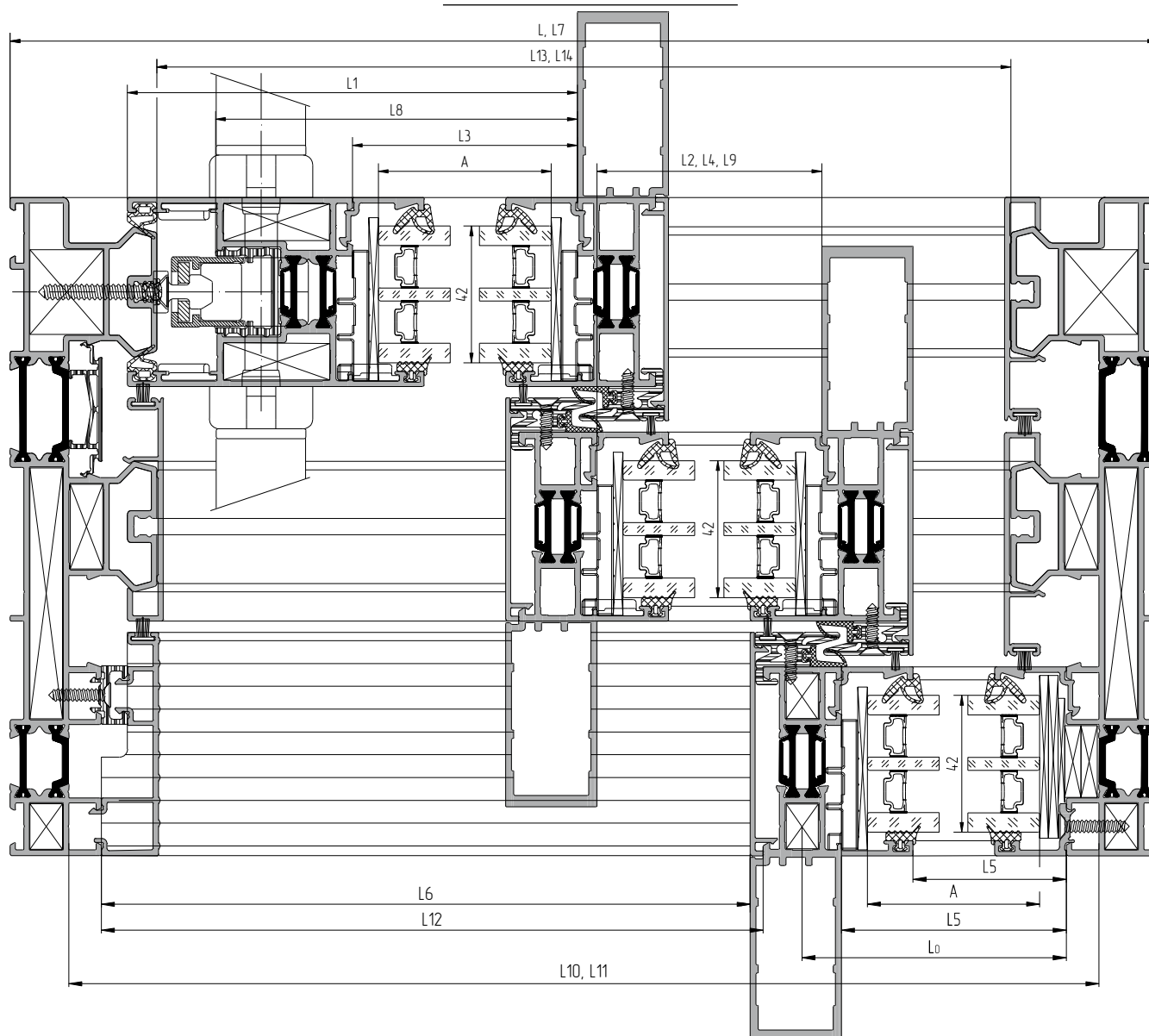
Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.1901			L8=L1-27.5	1	L8=L1-27.5	1
			L9=L2	1	L9=L2	3
			H11=H1-55*	1	H11=H1-55*	1
AYPC.SL130.1903			H12=H1-10	3	H12=H1-10	6
			H13=H-72	1	H13=H-72	2
AYPC.SL130.1904			L10=L-36**	2	L10=L-36**	2
AYPC.SL130.1905			L11=L-36**	2	L11=L-36**	2
			H14=H-46	1	-	-
AYPC.SL130.1906			L12=2xL/3-31.7	2	L12=2xL/3-36	2
			H15=H-56	1	-	-
AYPC.SL130.1950			L13=L-92	1	L13=L-94	2
			L14=L-94	1	-	-

Horizontal sections. Variant 3

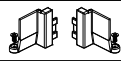


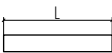
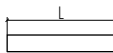
Article	Drawing	1...	
		Type D1	Type D5
Accessories			
AYPC.SL130.0940S-01		3	6
			
			
			
			
AYPC.SL130.0943		4	4
AYPC.SL130.0944		2	2
AYPC.SL130.0945		4	4
AYPC.SL130.0946		4	4
AYPC.SL130.0947		2	2

Horizontal sections. Variant 4



Article	Drawing	1...	
		Type D1	Type D5
Accessories			
AYPC.SL130.0985		2	4
AYPC.SL130.0985-01		2	4
AYPC.W50.0929-01		4	4
AYPC.SL130.0950		4	8
AYPC.SL130.0950-02		12	24
AYPC.SL130.0951		4	8
AYPC.SL130.0952		4	4
AYPC.SL130.0952-01		4	4
AYPC.SL130.0952-02		4	4

Article	Drawing	1...	
		Type D1	Type D5
Accessories			
AYPC.SL130.0906		8	16
AYPC.SL130.0908		2	2
AYPC.W62.0912		2	4
AYPC.W62.0913		6	12
AYPC.SL130.0918		4	4
AYPC.SL130.0925		N***	N***
AYPC.SL130.0933K		-	2
AYPC.100P.1850		2xL1/500+3	4xL1/500+5
100x22x5		6	12
AYPC.W62.0901M		9	18
100x50x3		19	38
100x32x2		3	6
FRK170		12	24

Article	Drawing	Type D1		Type D5	
			1...		1.
Gaskets					
FRK29-01		(A+B)x2	3	(A+B)x2	6
FRK175		H1x2	1	H1x2	1
FRK188		L13x2+H1	1	L13	2
FRK191		(A+B)x2	3	(A+B)x2	6
FRK230		H13	4	H13	8
ISE01		L6x2+H9+H10x3	1	L6+H10x2	2
IS10		H13	4	H13	8
AYPC.SL130.0912		L1x2	4	L1x2	8

Article	Drawing	1...	
		Type D1	Type D5
Hardware			
3.9x13-A2IS014586		L7/150	L7/150
3.9x19-A2IS014586		L5/250+L12/250+H7/500+H13/75+H15/500	L5/125+L12/250+H7/250+H13/37.5
5x10DIN6325D		32	36
5x14DIN6325D		-	4

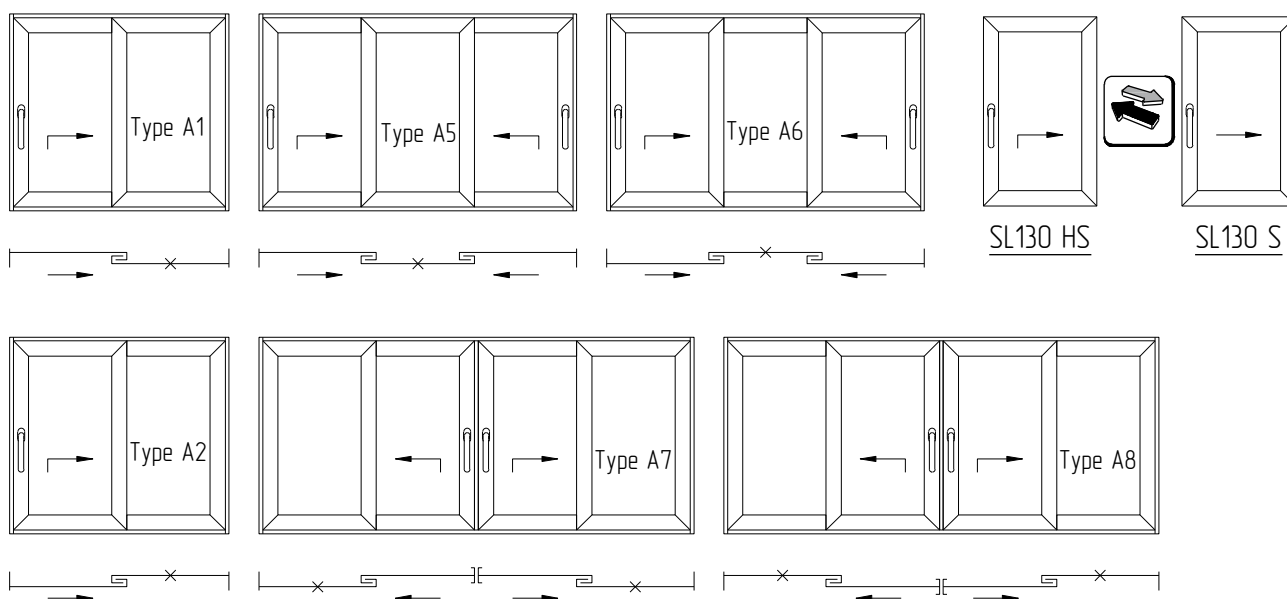
Infill			
Type D1		Type D5	
A=L1-85; B=H1-154	2	A=L1-85; B=H1-154	4
A=L1-85; B1=H-72	1	A=L1-85; B1=H-72	2

Distance to transom insert axle, L_0	
Type D1	Type D5
$L_0 = L/3-36$	$L_0 = L/6-22$

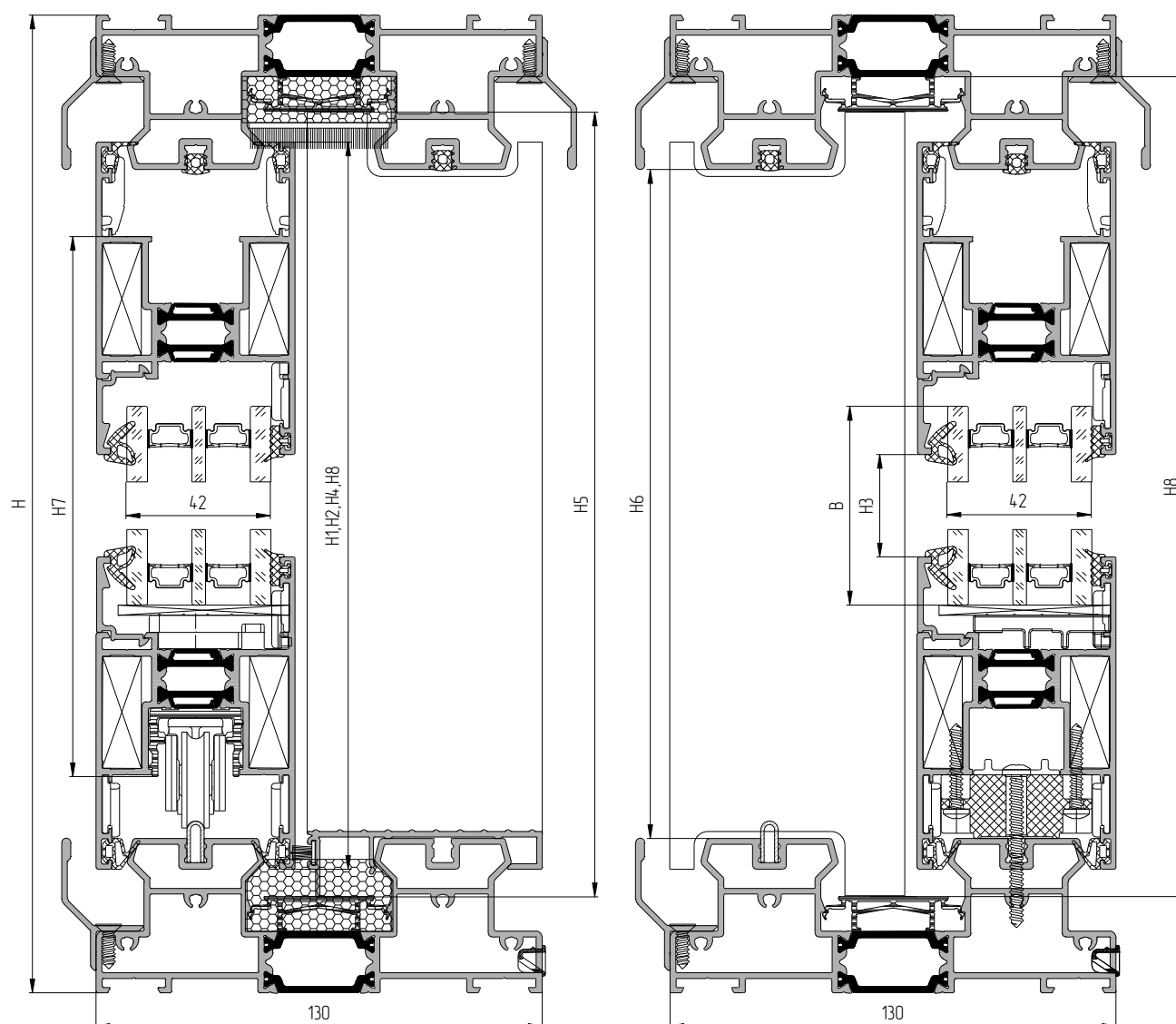
Variant	AYPC.SL130.0925 quantity, N, pcs	
	Type D1	Type D5
1	–	–
2	4	8
3	4	8
4	8	16



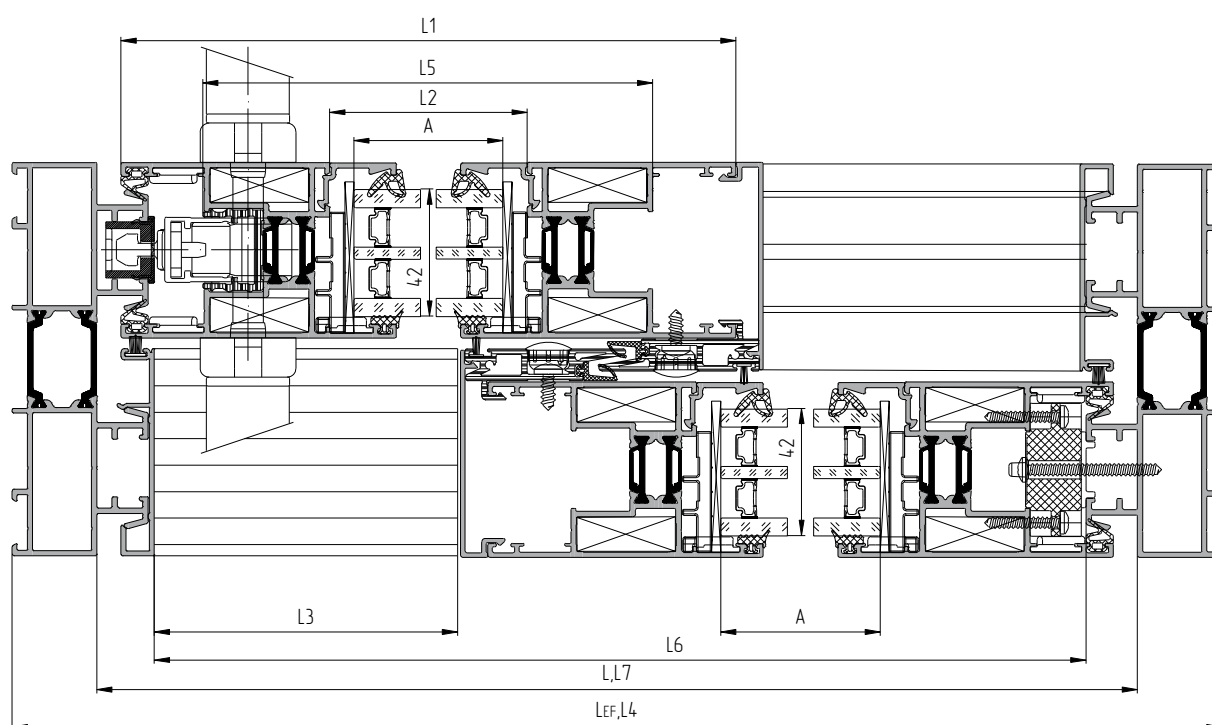
- When manufacturing types D1 and D5 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.33).
 - Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).
- *The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.
 **The length of AYPC.SL130.1904 and AYPC.SL130.1905 profiles is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.
 ***AYPC.SL130.0925 cover is used only with sash profile AYPC.SL130.0203 or AYPC.SL130.0204 (see application table).

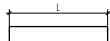
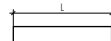
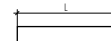
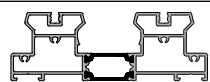
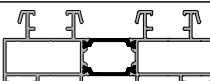
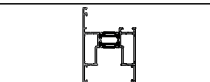
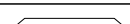
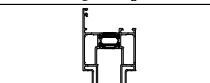
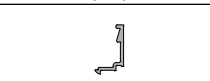
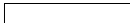
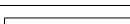
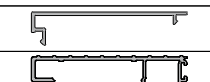
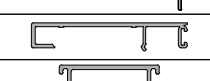
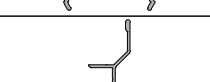
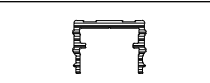
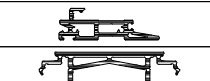
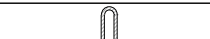


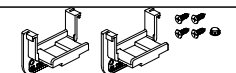
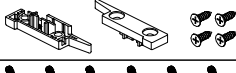
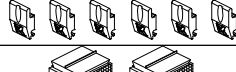
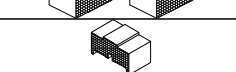
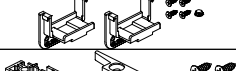
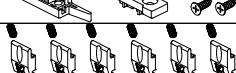
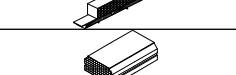
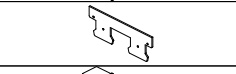
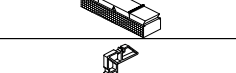
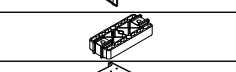
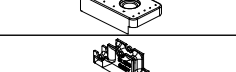
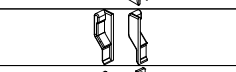
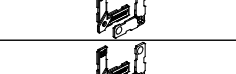
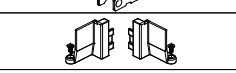
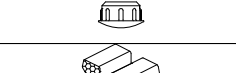
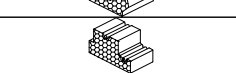
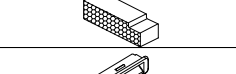
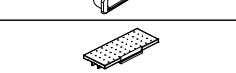
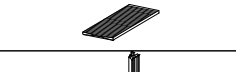
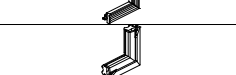
Vertical sections



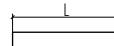
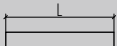
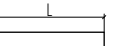
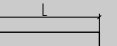
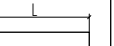
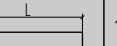
Horizontal sections



Article	Drawing		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
				1...		1...		1...
Profile								
AYPC.SL130.0101			L=L _{EF} -56	2	L=L _{EF} -56	2	L=L _{EF} -56	2
AYPC.SL130.0106			H	2	H	2	H	2
AYPC.SL130.0201			L1=L _{EF} /2+5	4	L1=L _{EF} /3+30.7	6	L1=L _{EF} /4+26.5	8
			H1=H-73	4	H1=H-73	6	H1=H-73	7
AYPC.SL130.0205			-	-	-	-	H2=H1	1
AYPC.SL130.0601			L2=L1-138	4	L2=L1-138	6	L2=L1-138	8
			H3=H1-182	4	H3=H1-182	6	H3=H1-182	8
AYPC.SL130.0801			H4=H1	2	H4=H1	4	H4=H1	4
AYPC.SL130.0805			L3=L1-105	1	L3=L1-105	2	L3=2xL1-202	1
AYPC.SL130.0805-01			H5=H-59	2	H5=H-59	2	H5=H-59	2
AYPC.SL130.0806			H6=H-90	1	H6=H-90	2	-	-
AYPC.SL130.0807			L4=L _{EF} -5	3	L4=L _{EF} -5	3	L4=L _{EF} -5	3
AYPC.SL130.1901			L5=L1-57	1	L5=L1-57	2	L5=L1-57	2
			H7=H1-55*	1	H7=H1-55*	2	H7=H1-55*	2
AYPC.SL130.1902			H8=H1-10	2	H8=H1-10	4	H8=H1-10	4
AYPC.SL130.1905			L6=L _{EF} -56**	2	L6=L _{EF} -56**	2	L6=L _{EF} -56**	2
AYPC.SL130.1950			L7=L _{EF} -94	1	L7=L _{EF} -94	1	L7=L _{EF} -94	1

Article	Drawing	1...					
		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0940HS		2	1	4	2	4	2
							
							
							
							
AYPC.SL130.0940S		-	1	-	2	-	2
							
							
							
AYPC.SL130.0941HS		1	-	2	-	2	-
							
AYPC.SL130.0981		4	4	4	4	4	4
AYPC.SL130.0986		-	2	-	4	-	4
AYPC.SL130.0951		16	16	24	24	32	32
AYPC.SL130.0905		5	5	2	2	10	10
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0907		1	1	2	2	2	2
AYPC.SL130.0908		3	3	3	3	3	3
AYPC.W62.0912		8	8	12	12	16	16
AYPC.SL130.0918		16	16	24	24	28	28
AYPC.SL130.0933K		-	-	-	-	2	2
AYPC.SL160.0928		H8/150+5	H8/150+5	H8/75+2	H8/75+2	H8/75+10	H8/75+10
AYPC.SL130.0943		4	4	4	4	4	4
AYPC.SL130.0944		4	4	4	4	4	4
AYPC.SL130.0947		11	11	11	11	11	11
AYPC.100P.1850		LEF/500	LEF/500	LEF/500	LEF/500	LEF/500	LEF/500
AYPC.W62.0901M		8	8	12	12	16	16
100x50x3		10	10	16	16	20	20
FRK170		8	8	12	12	16	16
FRK177		8	4	12	4	12	8

Article	Drawing	1...					
		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
FRK178		4	2	6	2	6	4
FRK178-01		4	2	6	2	6	4

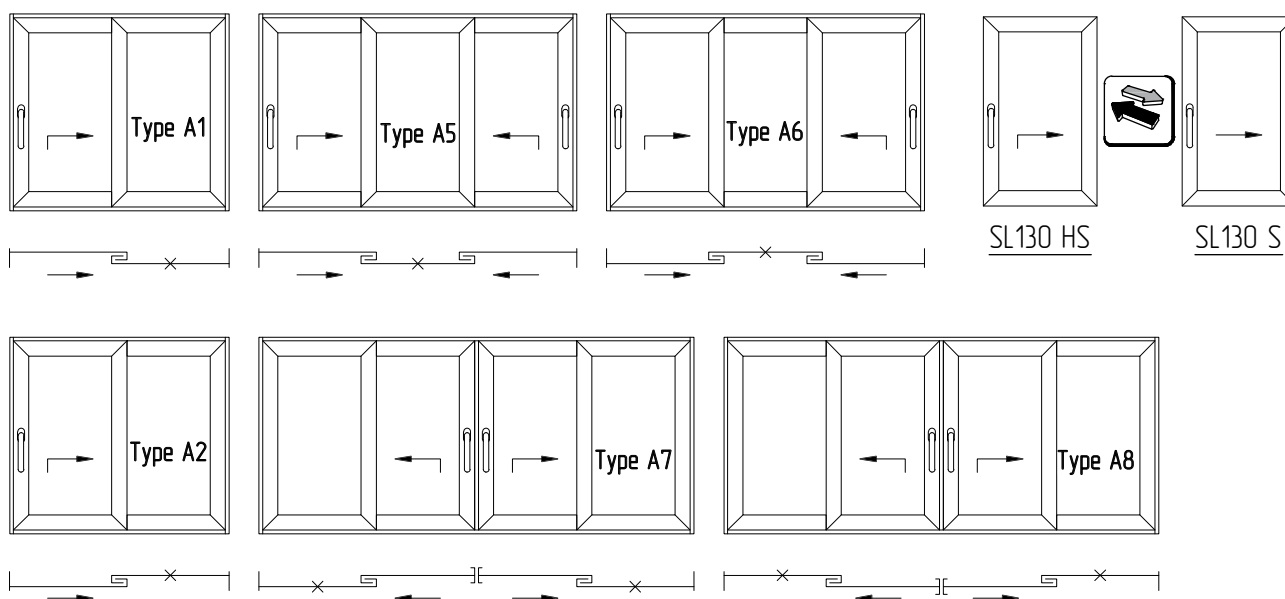
Article	Drawing	Type A1 Type A2				Type A5 Type A6				Type A7 Type A8			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	L1x2	1	L1x2	3	L1x2	1	L1x2	4	L1x2	2
FRK175		2xL1+H1x2	2	L1+H1x2	2	L1x3+H1x2	2	L1+H1x2	2	L1x4+H1x3	2	L1x2+H1x3	2
FRK188		2xL7	1	2xL7	1	2xL7	1	2xL7	1	L7	2	L7	2
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK230		H8	2	H8	2	H8	4	H8	4	H8	4	H8	4
ISE01		L3+H5x2+H8x2	1	L3+H5+H8x2	1	L3+H5+H8x2	2	L3+H5+H8x2	2	L3+H5x2+H8x4	1	L3+H5x2+H8x4	1
AYPC.SL130.0912		-	-	L1x4	1	-	-	L1x4	2	-	-	L1x2	4

Drawing	Drawing	1...		
		Type A1 Type A2	Type A5 Type A6	Type A7 Type A8
Hardware				
3,9x9,5-A2ISO14585		H8/150	H8/75	H8/75
3,9x25-A2ISO14585		26	20	36
4,8x45-A2ISO14585		5	2	10
3,9x13-A2ISO14586		L4/100	L4/100	L4/100
5x10DIN6325D		32	48	60
5x14DIN6325D		-	-	4

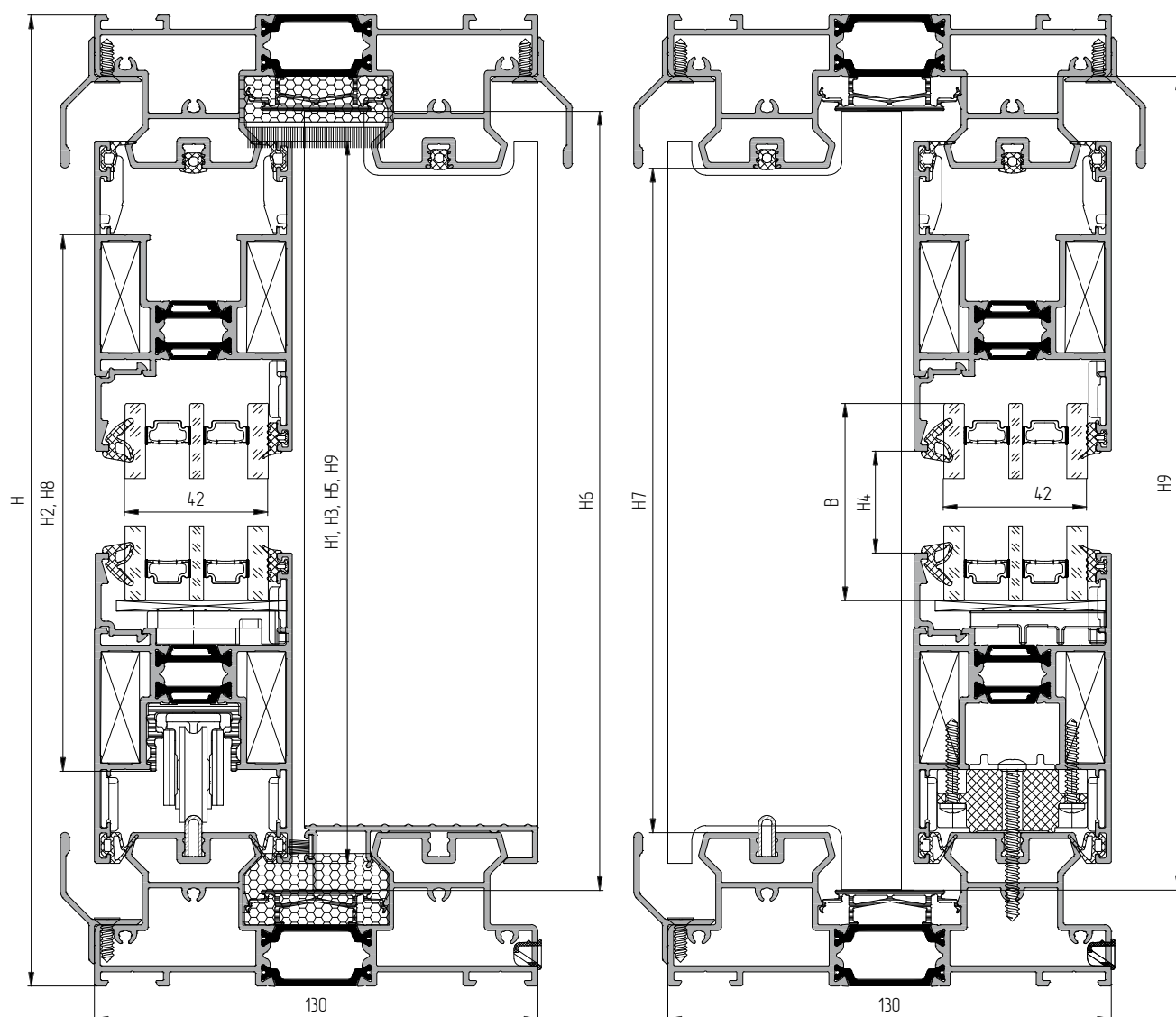
Infill			
Type A1 Type A2		Type A5 Type A6	Type A7 Type A8
A=L1-154; B=H1-154	2	A=L1-154; B=H1-154	3
A=L1-154; B=H1-154	4	A=L1-154; B=H1-154	4



1. When manufacturing types A5, A6 and A7, A8 doors with the width L>6500 mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).
 2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).
- *The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.
 **The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



Vertical sections



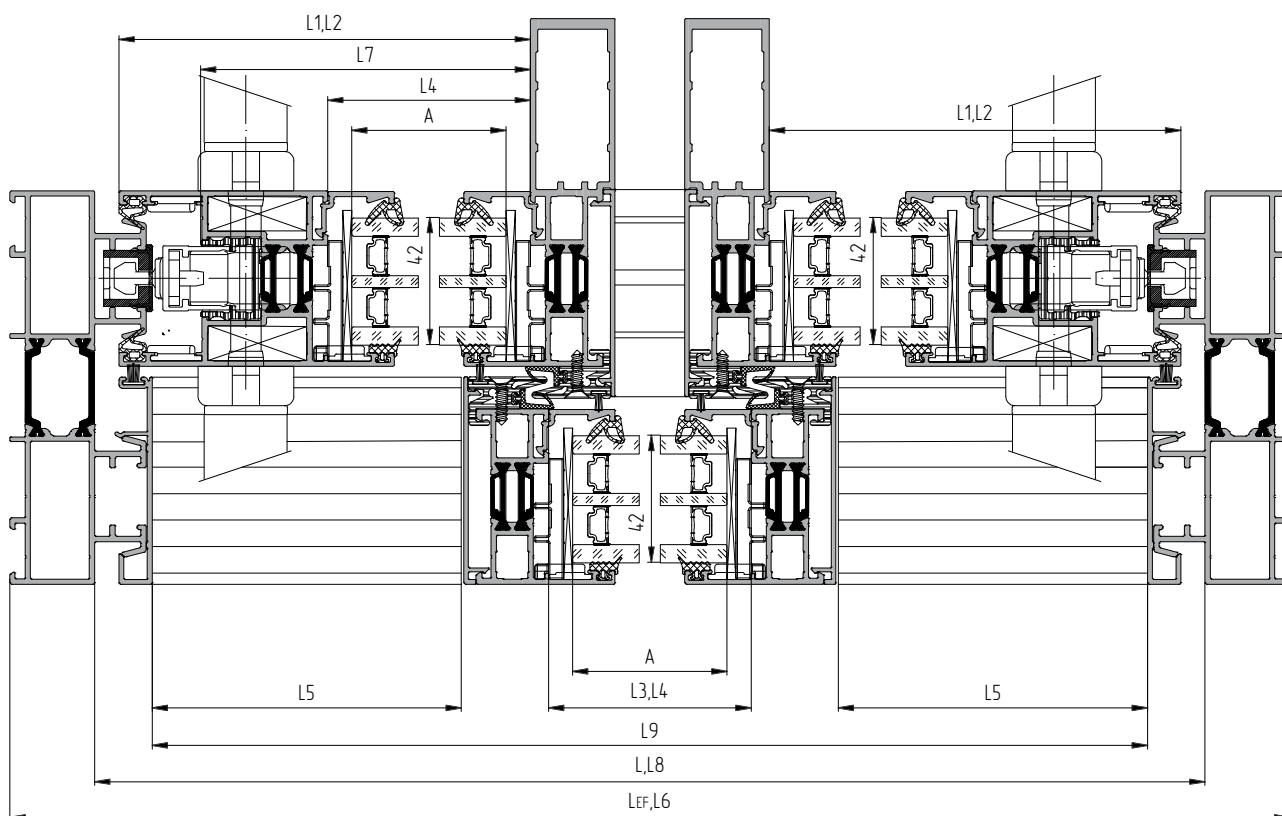
Technical cross-section drawing of a window frame assembly, showing the internal structure and dimensions. The drawing is symmetrical, illustrating the frame profile, glazing unit, and various seals and components. Dimensions are indicated by arrows and labels:

- L1, L2**: Total width of the frame assembly.
- L7**: Width of the upper frame section.
- L4**: Width of the upper frame section, excluding the outer profile.
- A**: Width of the central glazing unit.
- L5**: Width of the lower frame section.
- L3, L4**: Width of the lower frame section, excluding the outer profile.
- L9**: Total width of the lower frame section.
- L, L8**: Total width of the lower frame section, including the outer profile.
- LEF, L6**: Total width of the lower frame section, including the outer profile and the lower frame section.
- L2**: Width of the lower frame section, excluding the outer profile.

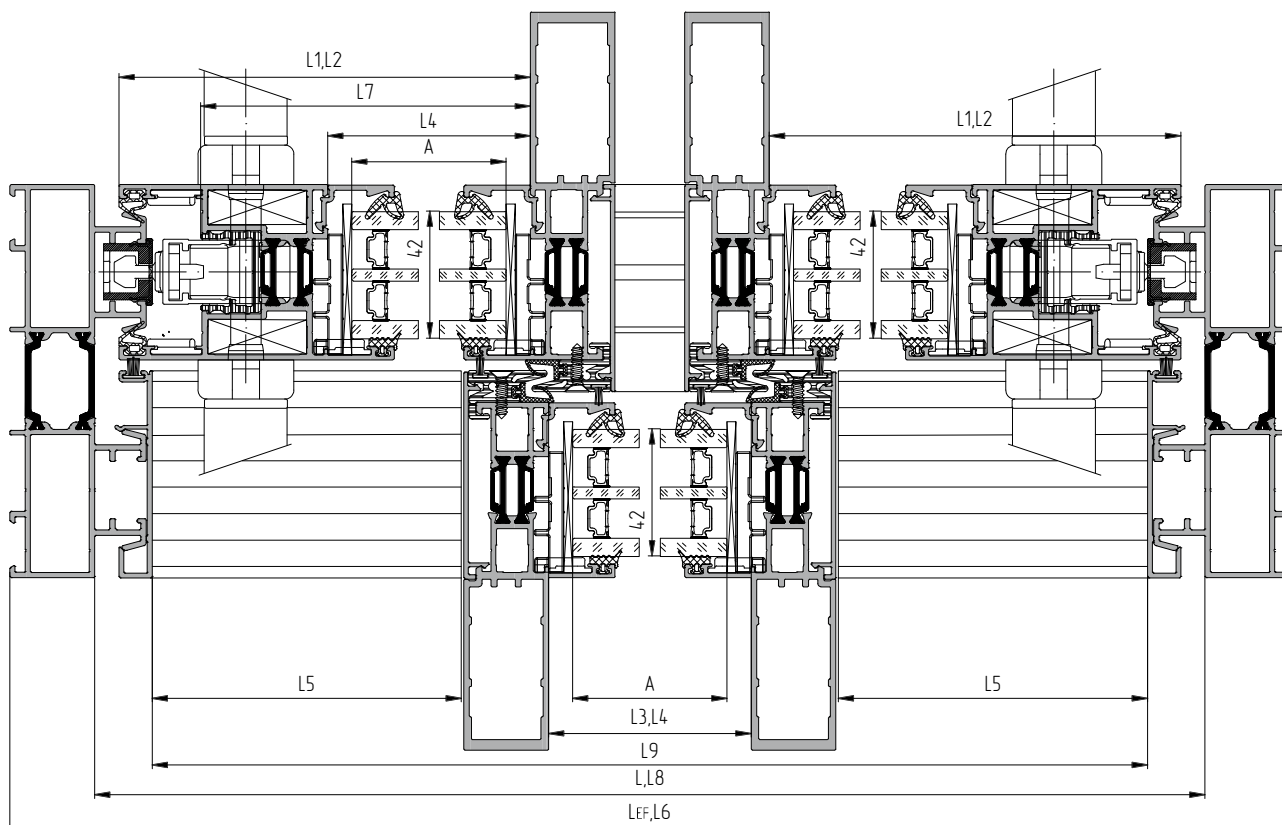
Technical cross-section drawing of a window frame assembly, showing the internal structure and dimensions. The drawing is symmetrical, illustrating the frame profile, glazing unit, and various seals and components. Dimensions are indicated by arrows and labels:

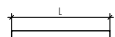
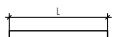
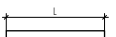
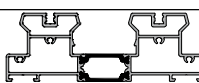
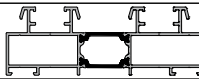
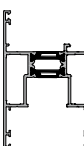
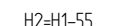
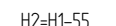
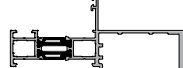
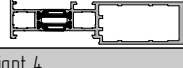
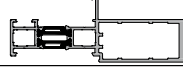
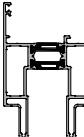
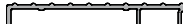
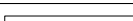
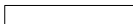
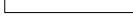
- L1, L2**: Dimensions for the top and bottom frame sections.
- L7**: Dimension for the top frame section.
- L4**: Dimension for the top frame section.
- A**: Dimension for the top frame section.
- L2**: Dimension for the top frame section.
- L5**: Dimension for the side frame section.
- L3, L4**: Dimension for the side frame section.
- L9**: Dimension for the side frame section.
- L, L8**: Dimension for the side frame section.
- LEF, L6**: Dimension for the side frame section.

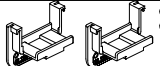
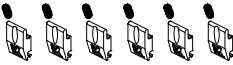
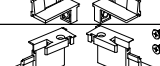
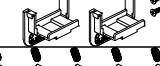
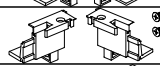
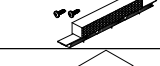
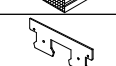
Horizontal sections. Variant 3



Horizontal sections. Variant 4



Article	Drawing		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8				
				1...		1...		1...			
Profile											
AYPC.SL130.0101			L=LEF-56	2	L=LEF-56	2	L=LEF-56	2			
AYPC.SL130.0106			H	2	H	2	H	2			
AYPC.SL130.0201			L1=LEF/2-39	2	L1=LEF/3-5	2	L1=LEF/4-17,5	4			
			L2=L1	2	L2=L1	2	L2=L1	4			
			-	-	L3=LEF/3-74	2	-	-			
			H1=H-73	2	H1=H-73	2	H1=H-73	3			
Select	Variant 1			H2=H1-55		H2=H1-55		H2=H1-55			
	AYPC.SL130.0202								2	4	4
	Variant 2								1	2	2
	AYPC.SL130.0202								1	2	2
	AYPC.SL130.0204								1	2	2
	Variant 3								1	2	2
	AYPC.SL130.0202								1	2	2
	AYPC.SL130.0203								1	2	2
	Variant 4								1	2	2
AYPC.SL130.0203		1	2	2							
AYPC.SL130.0204		1	2	2							
AYPC.SL130.0205			-	-	-	-	H3=H-73	1			
AYPC.SL130.0601			L4=L1-69	4	L4=L1-69	6	L4=L1-93	8			
			H4=H1-182	4	H4=H1-182	6	H4=H1-182	8			
AYPC.SL130.0802			H5=H1	2	H5=H1	4	H5=H1	4			
AYPC.SL130.0805			L5=L1-36	1	L5=L1-36	2	L5=2*L1-64	1			
AYPC.SL130.0805-01			H6=H-59	2	H6=H-59	2	H6=H-59	2			
AYPC.SL130.0806			H7=H-90	1	H7=H-90	2	-	-			
AYPC.SL130.0807			L6=LEF-5	3	L6=LEF-5	3	L6=LEF-5	3			
AYPC.SL130.1901			L7=L1-27,5	1	L7=L1-27,5	2	L7=L1-27,5	2			
			H8=H1-55*	1	H8=H1-55*	2	H8=H1-55*	2			
AYPC.SL130.1903			H9=H1-10	2	H9=H1-10	4	H9=H1-10	4			
AYPC.SL130.1905			L8=LEF-56**	2	L8=LEF-56**	2	L8=LEF-56**	2			
AYPC.SL130.1950			L9=LEF-92	1	L9=LEF-90	1	L9=LEF-94	1			

Article	Drawing	1...					
		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0940HS-01		2	1	4	2	4	2
							
							
							
							
AYPC.SL130.0940S-01		-	1	-	2	-	2
							
							
							
							
AYPC.SL130.0941HS-01		1	-	2	-	2	-
							
AYPC.SL130.0981		4	4	4	4	4	4
AYPC.SL130.0985		-	2	-	4	-	4
AYPC.SL130.0950-02		8	8	16	16	16	16
AYPC.SL130.0951		8	8	8	8	16	16
AYPC.SL130.0905		5	5	2	2	10	10
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0907		1	1	2	2	2	2
AYPC.SL130.0908		3	3	3	3	3	3
AYPC.W62.0912		4	4	4	4	8	8
AYPC.W62.0913		4	4	8	8	8	8
AYPC.SL130.0918		8	8	8	8	12	12
AYPC.SL130.0933K		-	-	-	-	2	2
AYPC.SL130.0925		N***	N***	N***	N***	N***	N***
AYPC.SL130.0943		4	4	4	4	4	4
AYPC.SL130.0944		4	4	4	4	4	4
AYPC.SL130.0947		11	11	11	11	11	11
AYPC.SL160.0928		5	5	2	2	10	10

Article	Drawing	1...					
		Type A1 Type A2		Type A5 Type A6		Type A7 Type A8	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.100P.1850		LEF/500	LEF/500	LEF/500	LEF/500	LEF/500	LEF/500
AYPC.W62.0901M		8	8	12	12	16	16
100x50x3		10	10	16	16	20	20
FRK170		8	8	12	12	16	16
FRK177		8	4	12	4	12	8
FRK178		4	2	6	2	6	4
FRK178-01		4	2	6	2	6	4

Article	Drawing	Type A1 Type A2				Type A5 Type A6				Type A7 Type A8			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	L1x2	1	L1x2	3	L1x2	1	L1x2	4	L1x2	2
FRK175		L1x2+H1x2	2	L1x2+H1x4	1	L1x3+H1x2	2	L1+H1x2	2	L1x4+H1x3	2	L1x2+H1x3	2
FRK188		2xL8	1	2xL8	1	2xL8	1	2xL8	1	L8	2	L8	2
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	3	(A+B)x2	3	(A+B)x2	4	(A+B)x2	4
FRK230		H9	2	H9	2	H9	4	H9	4	H9	4	H9	4
ISE01		L5+H6x2	1	L5+H6x2	1	L5+H6	2	L5+H6	2	L5+H6x2	1	L5+H6x2	1
IS10		H9	2	H9	2	H9	4	H9	4	H9	4	H9	4
AYPC.SL130.0912		-	-	L1x4	1	-	-	L1x4	2	-	-	L1x2	4

Infill			
Type A1 Type A2	Type A5 Type A6	Type A7 Type A8	
A=L1-85; B=H1-154	2	A=L1-85; B=H1-154	3

Variant	AYPC.SL130.0925 quantity, N, pcs		
	Type A1 Type A2	Type A5 Type A6	Type A7 Type A8
1	-	-	-
2	2	4	4
3	4	8	8
4	4	8	8

Article	Drawing	1...		
		Type A1 Type A2	Type A5 Type A6	Type A7 Type A8
Hardware				
3,9x25-A2ISO14585		26	20	36
4,8x45-A2ISO14585		5	2	10
3,9x19-A2ISO14586		H9/150	H9/75	H9/75
3,9x13-A2ISO14586		L6/100	L6/100	L6/100
5x10DIN6325D		16	16	28
5x14DIN6325D		-	-	4

1. When manufacturing types A5, A6 and A7, A8 doors with the width L>6500 mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).

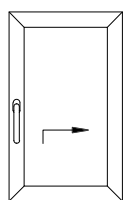
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 - Table of Glazing).

* The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 - 08.44 for profile dimensions and cutting.

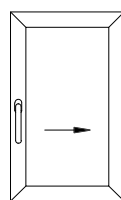
** The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.

*** AYPC.SL130.0925 cover is used only with sash profile AYPC.SL130.0203 or AYPC.SL130.0204 (see application table).

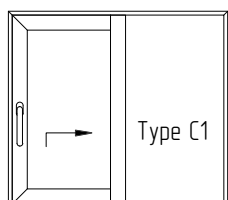




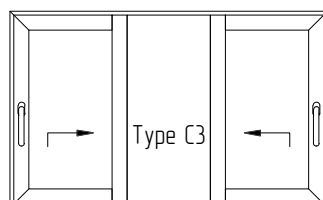
SL130 HS



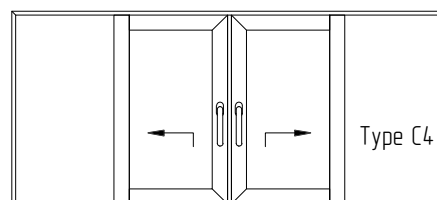
SL130 S



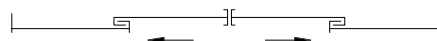
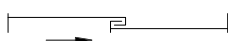
Type C1



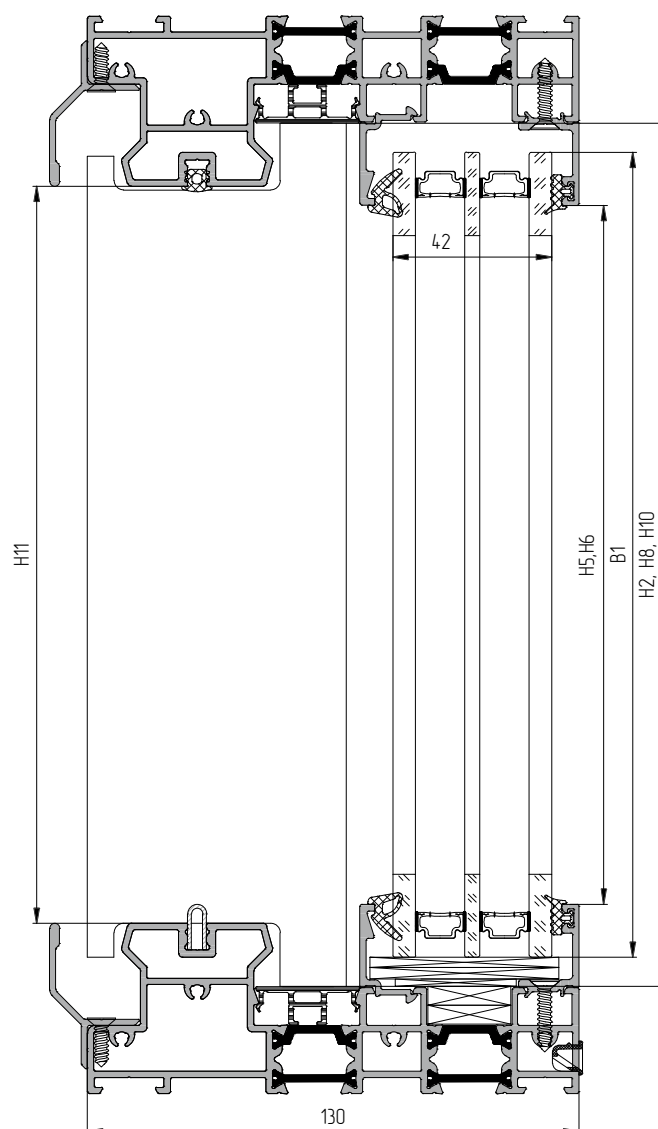
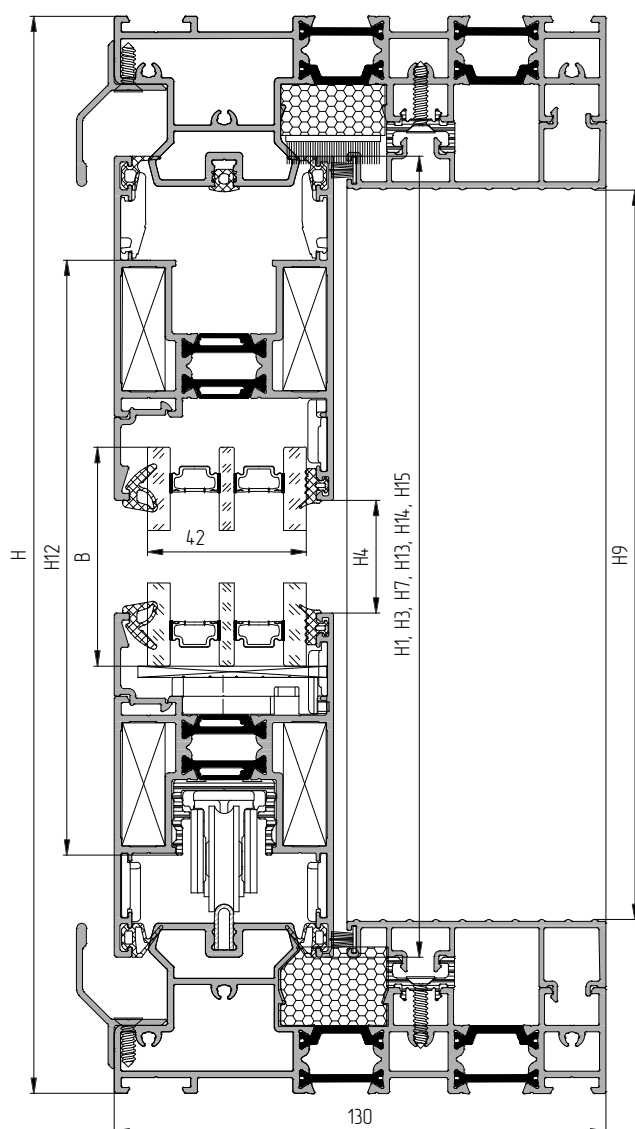
Type C3



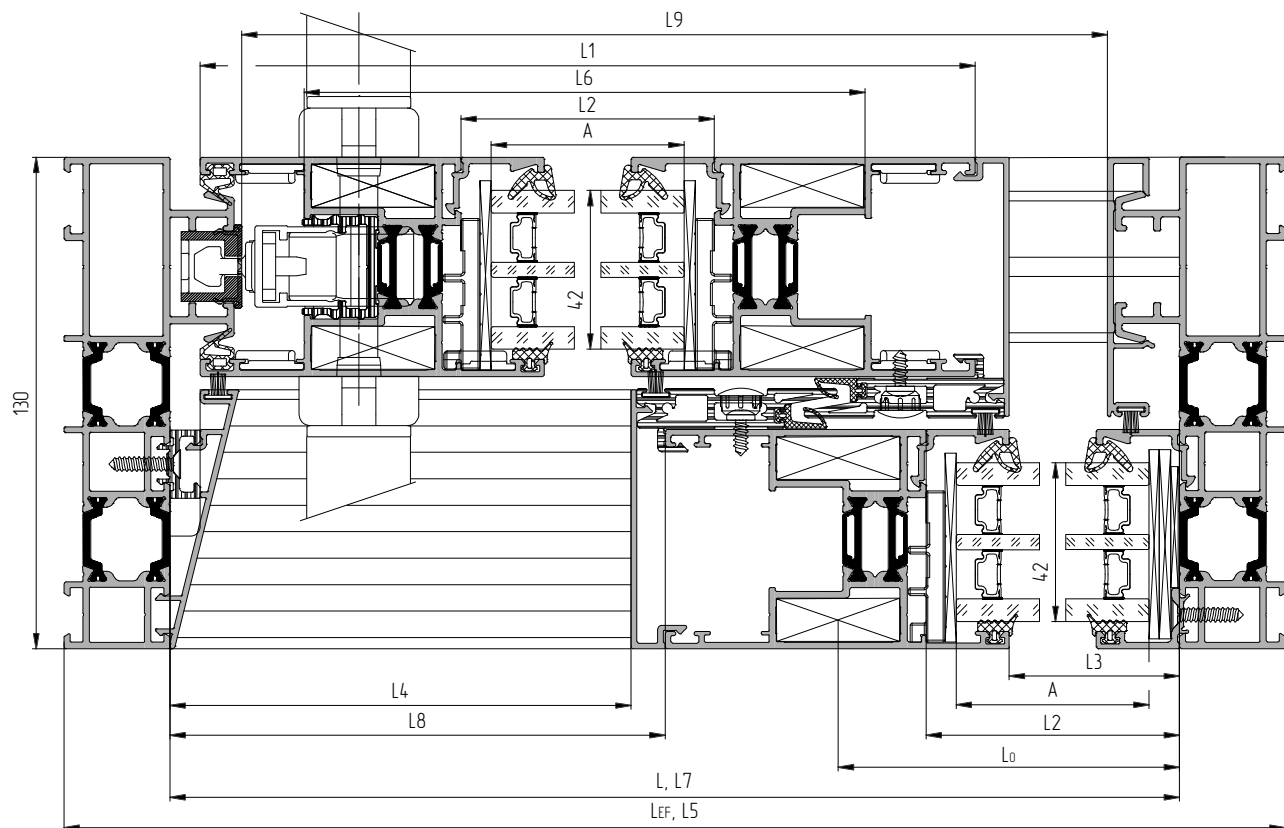
Type C4



Vertical sections

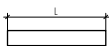
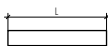
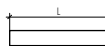
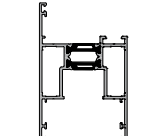
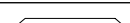
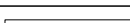
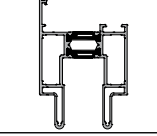
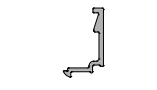
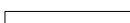
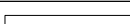
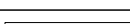
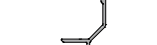
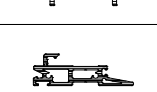
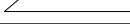
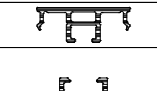
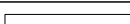
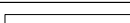
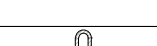


Horizontal sections



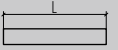
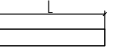
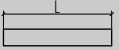
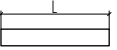
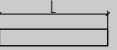
Infill					
Type C1		Type C3		Type C4	
A=L1-154, B=H1-154	1	A=L1-154, B=H1-154	2	A=L1-154, B=H1-154	2
A=L1-154, B1=H-72	1	A=L1-154, B1=H-72	1	A=L1-154, B1=H-72	2

The distance to transom insert axle, L_0		
Type C1	Type C3	Type C4
$L_0 = L_{EF}/2-71,5$	$L_0 = L_{EF}/3+2,5$	$L_0 = L_{EF}/4-50$

Article	Drawing		Type C1		Type C3		Type C4	
				1...		1...		1...
Profile								
AYPC.SL130.0103			L=L _{EF} -56	2	L=L _{EF} -56	2	L=L _{EF} -56	2
AYPC.SL130.0105			H	2	H	2	H	2
AYPC.SL130.0201			L1=L _{EF} /2+43,5	2	L1=L _{EF} /3+30,5	4	L1=L _{EF} /4+65	4
			H1=H-73	2	H1=H-73	4	H1=H-73	3
			H2=H-56	1	H2=H-56	2	H2=H-56	2
AYPC.SL130.0205			-	-	-	-	H3=H-73	1
AYPC.SL130.0601			L2=L1-138	4	L2=L1-138	6	L2=L1-138	8
			H4=H1-182	2	H4=H1-182	4	H4=H1-182	4
			H5=H-100	2	H5=H-100	2	H5=H-100	4
AYPC.SL130.0611			H6=H5	1	-	-	H6=H5	2
			L3=L2-22	2	L3=L2-44	2	L3=L2-22	4
AYPC.SL130.0801			H7=H1	1	H7=H1	2	H7=H1	2
			H8=H-56	1	H8=H-56	2	H8=H-56	2
AYPC.SL130.0803			L4=L _{EF} /2-40	2	L4=L _{EF} /3-53	4	L4=L _{EF} /2-66	2
AYPC.SL130.0804			H9=H-92	1	H9=H-92	2	-	-
AYPC.SL130.0805-01			H10=H-59	1	-	-	H10=H-59	2
AYPC.SL130.0806			H11=H-90	1	H11=H-90	2	-	-
AYPC.SL130.0807			L5=L _{EF} -5	2	L5=L _{EF} -5	2	L5=L _{EF} -5	2
AYPC.SL130.1901			L6=L1-57	1	L6=L1-57	2	L6=L1-57	2
			H12=H1-55*	1	H12=H1-55*	2	H12=H1-55*	2
AYPC.SL130.1902			H13=H1-10	1	H13=H1-10	2	H13=H1-10	2
			H14=H-72	1	H14=H-72	2	H14=H-72	2
AYPC.SL130.1904			L7=L _{EF} -56**	2	L7=L _{EF} -56**	2	L7=L _{EF} -56**	2
AYPC.SL130.1906			L8=L _{EF} /2-30,5	2	L8=L _{EF} /3-43,5	4	L8=L4+18	2
			H15=H-72	1	H15=H-72	2	-	-
AYPC.SL160.1950			L9=L _{EF} -94	1	L9=L _{EF} -94	1	L9=L _{EF} -94	1

Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0940HS		1	-	2	-	2	-
AYPC.SL130.0940S		-	1	-	2	-	2
AYPC.SL130.0942HS		1	-	2	-	2	-
AYPC.SL130.0986-01		-	2	-	4	-	4
AYPC.SL130.0950-02		4	4	8	8	8	8
AYPC.SL130.0951		8	8	16	16	16	16
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0908		2	2	2	2	2	2
AYPC.W62.0912		4	4	8	8	8	8
AYPC.SL130.0918		8	8	16	16	12	12
AYPC.SL130.0933K		-	-	-	-	2	2
AYPC.SL130.0943		2	2	2	2	2	2
AYPC.SL130.0944		2	2	2	2	2	2
AYPC.SL130.0945		8	8	8	8	8	8
AYPC.SL130.0947		9	9	9	9	9	9
AYPC.SL130.0982		2	2	2	2	2	2
AYPC.SL160.0928		H13/150	H13/150	H13/75	H13/75	H13/75	H13/75
AYPC.100P.1850		LEF/500	LEF/500	LEF/500	LEF/500	LEF/500	LEF/500
100x22x5		4	4	4	4	8	8
100x32x2		3	3	2	2	6	6
AYPC.W62.0901M		5	5	10	10	10	10
100x50x3		13	13	18	18	26	26
FRK170		8	8	12	12	16	16

Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
FRK177		4	–	8	–	4	–
FRK178		2	–	4	–	2	–
FRK178-01		2	–	4	–	2	–

Article	Drawing	Type C1				Type C3				Type C4			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK176		L1x2	1	–	–	L1x2	2	–	–	L1x2	2	–	–
FRK175		L1x2+H1x2	1	H1x2	1	L1x2+H1x2	2	H1x2	2	L1x2+H1	2	H1x2	1
FRK188		L9	1	L9	1	L9	1	L9	1	L9	1	L9	1
FRK191		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK230		H1	2	H1	2	H1	4	H1	4	H1	4	H1	4
ISE01		2xH14+H10+H9+2xL4	1	2xH14+H10+H9+2xL4	1	2xH14+H9+2xL4	2	2xH14+H9+2xL4	2	2xH14+H10+L4	2	2xH14+H10+L4	2
AYPC.SL130.0912		–	–	L1x2	2	–	–	L1x2	4	–	–	L1x4	2

Article	Drawing	1...		
		Type C1	Type C3	Type C4
Hardware				
3,9x9,5-A2ISO14585		H13/150	H13/75	H13/75
3,9x25-A2ISO14585		16	16	16
3,9x13-A2ISO14586		LEF/150	LEF/150	LEF/150
3,9x19-A2ISO14586		L8/250+H15/500+L3/250+H6/500	L8/125+L3/250+H15/250	L8/250+L3/250+H6/250
5x10DIN6325D		16	32	28
5x14DIN6325D		-	-	4

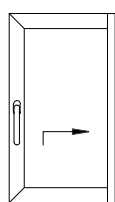


1. When manufacturing types C3 and C4 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).

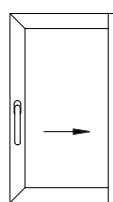
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

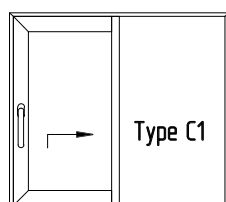
**The length of AYPC.SL130.1904 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



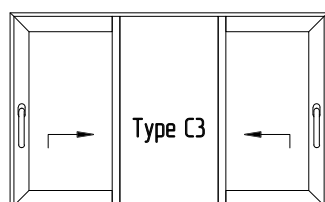
SL130 HS



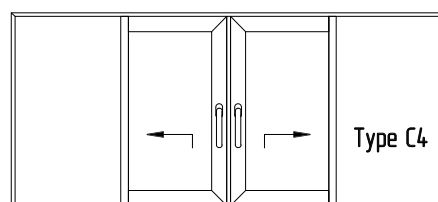
SL130 S



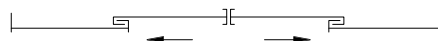
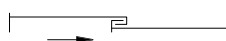
Type C1



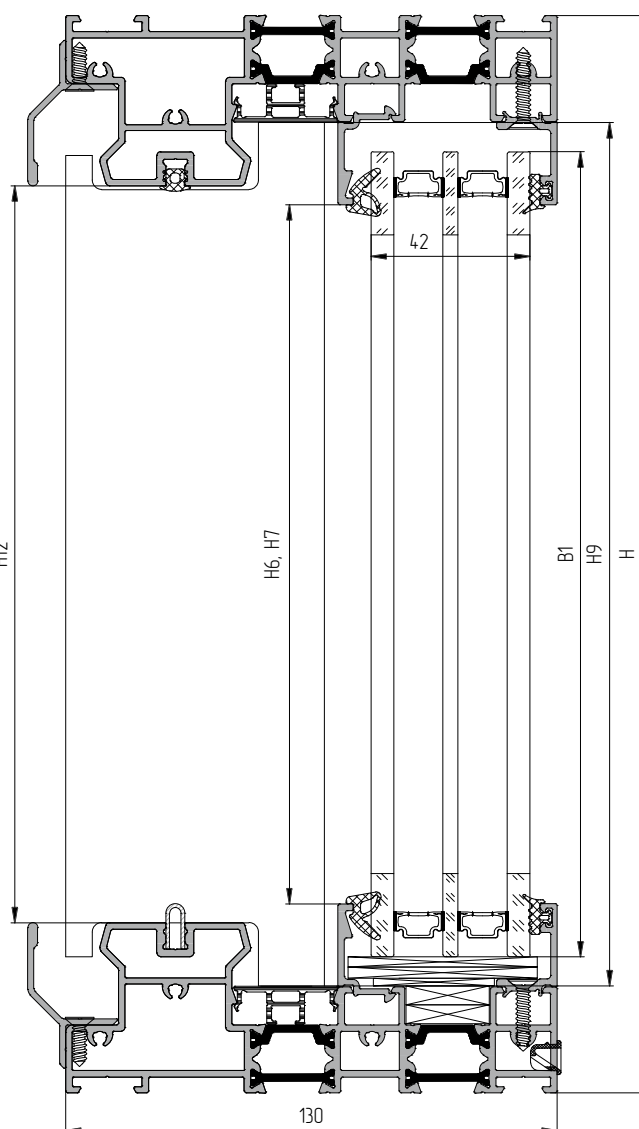
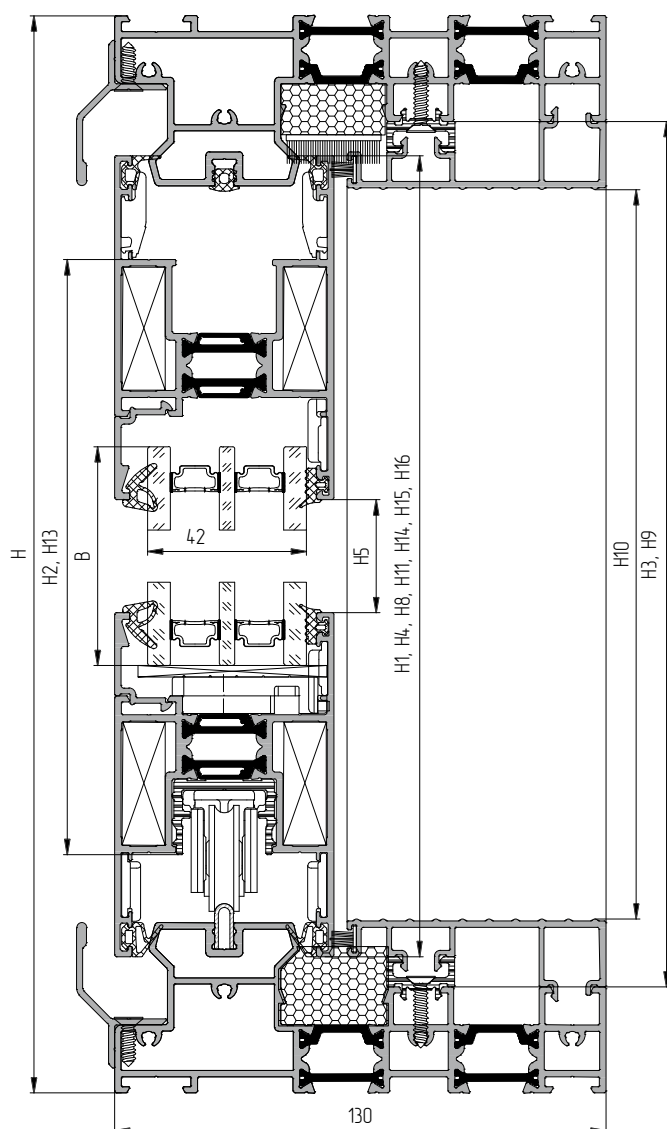
Type C3



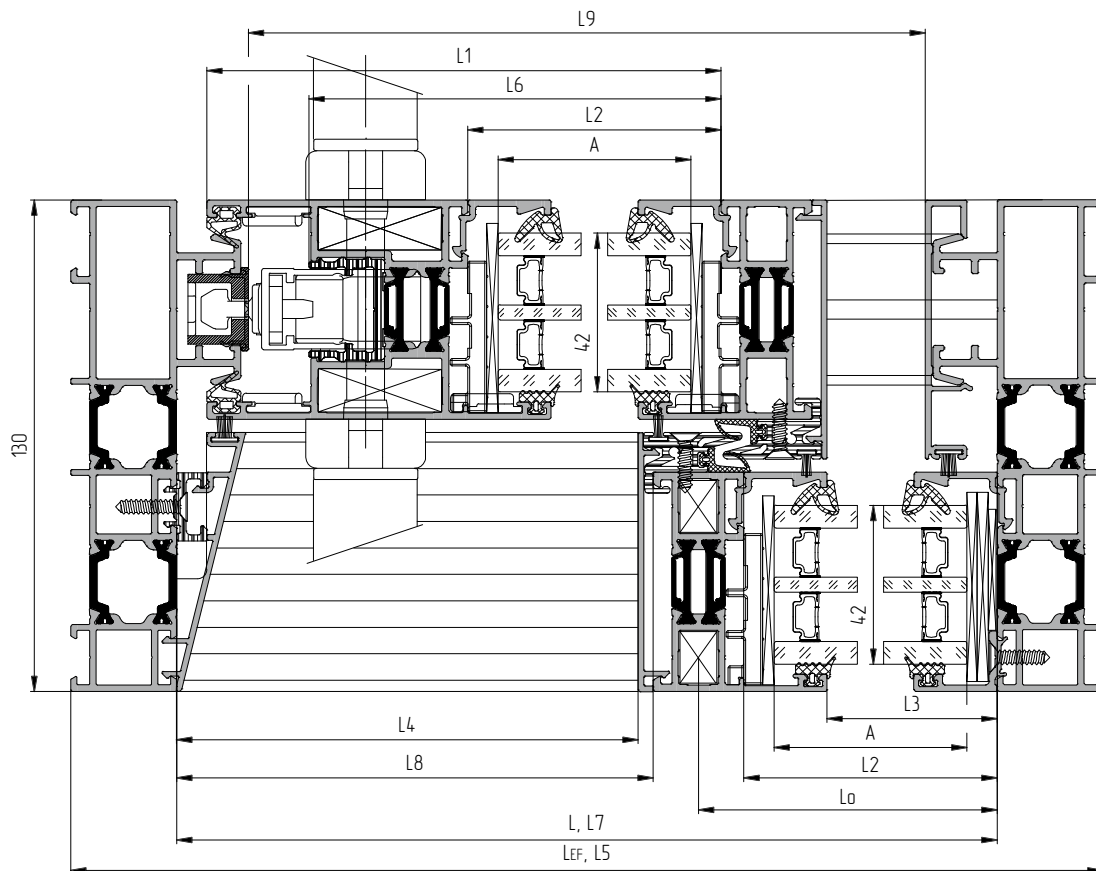
Type C4



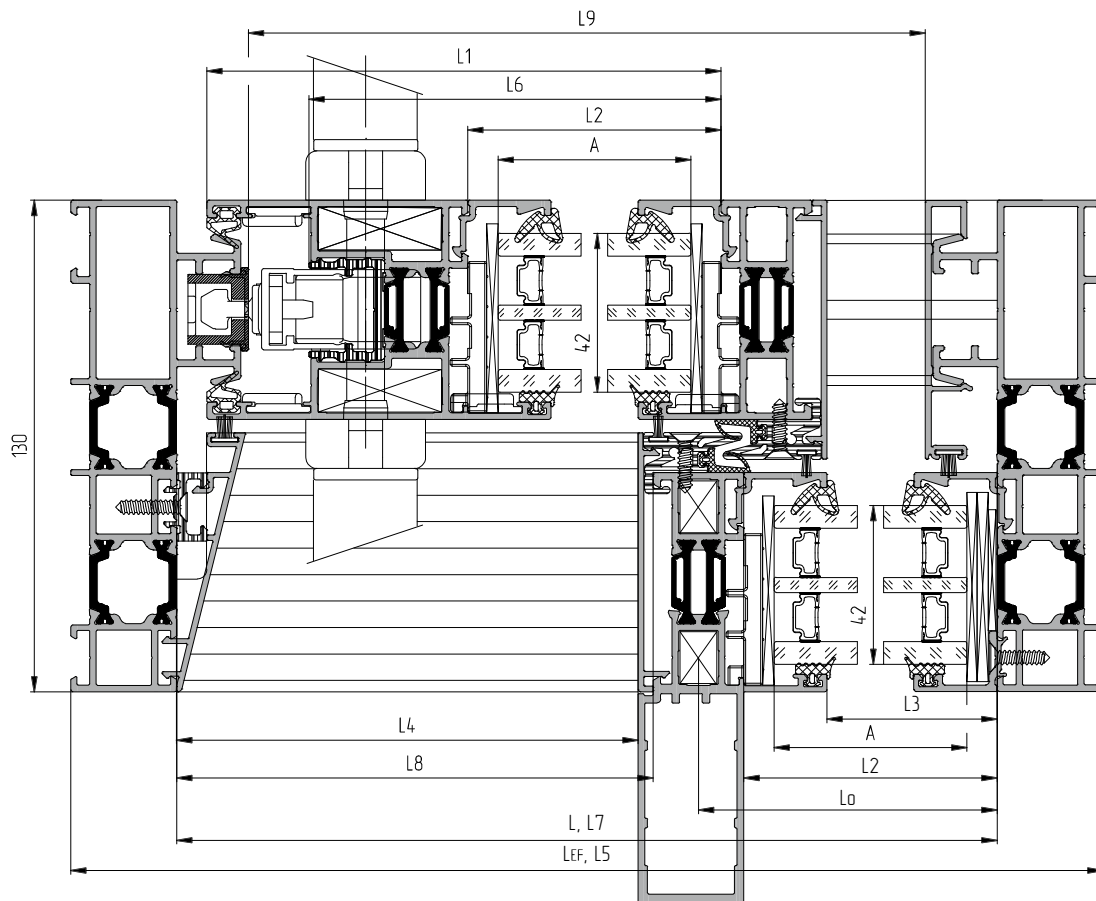
Vertical sections



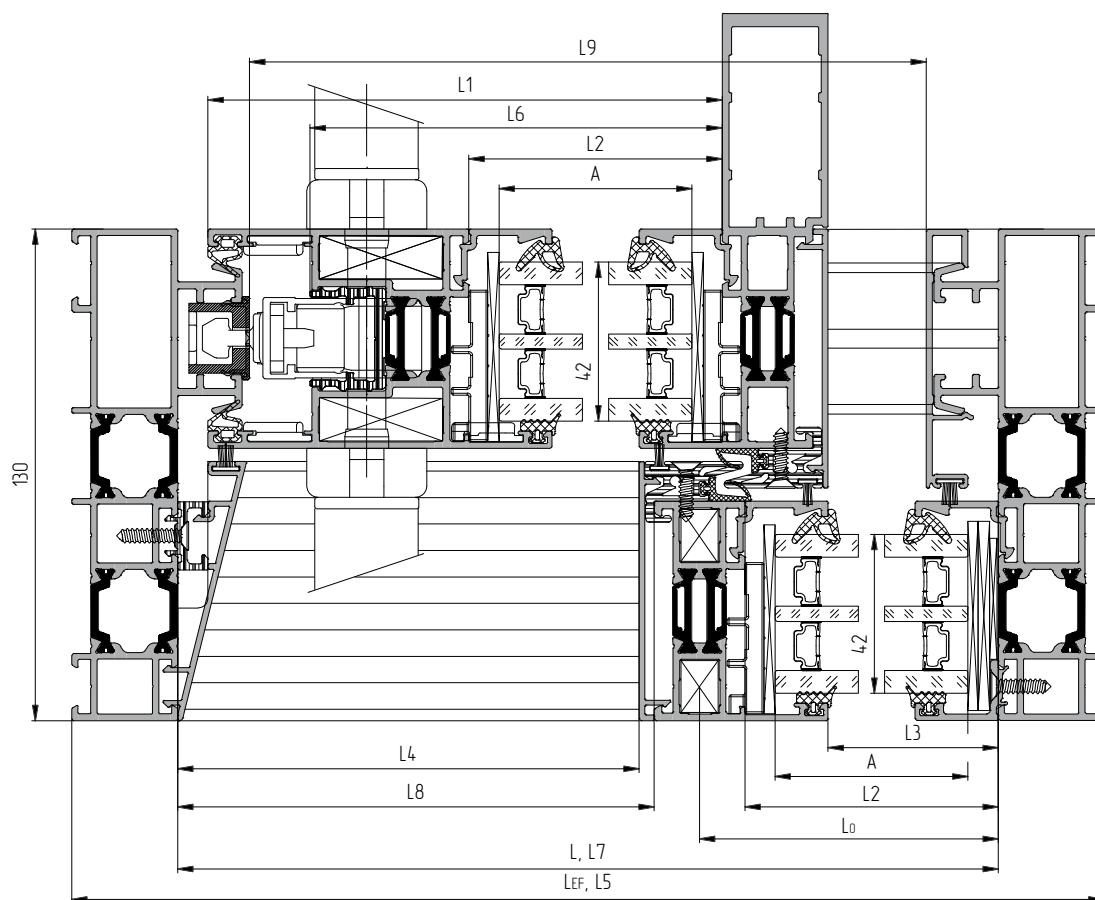
Horizontal sections. Variant 1



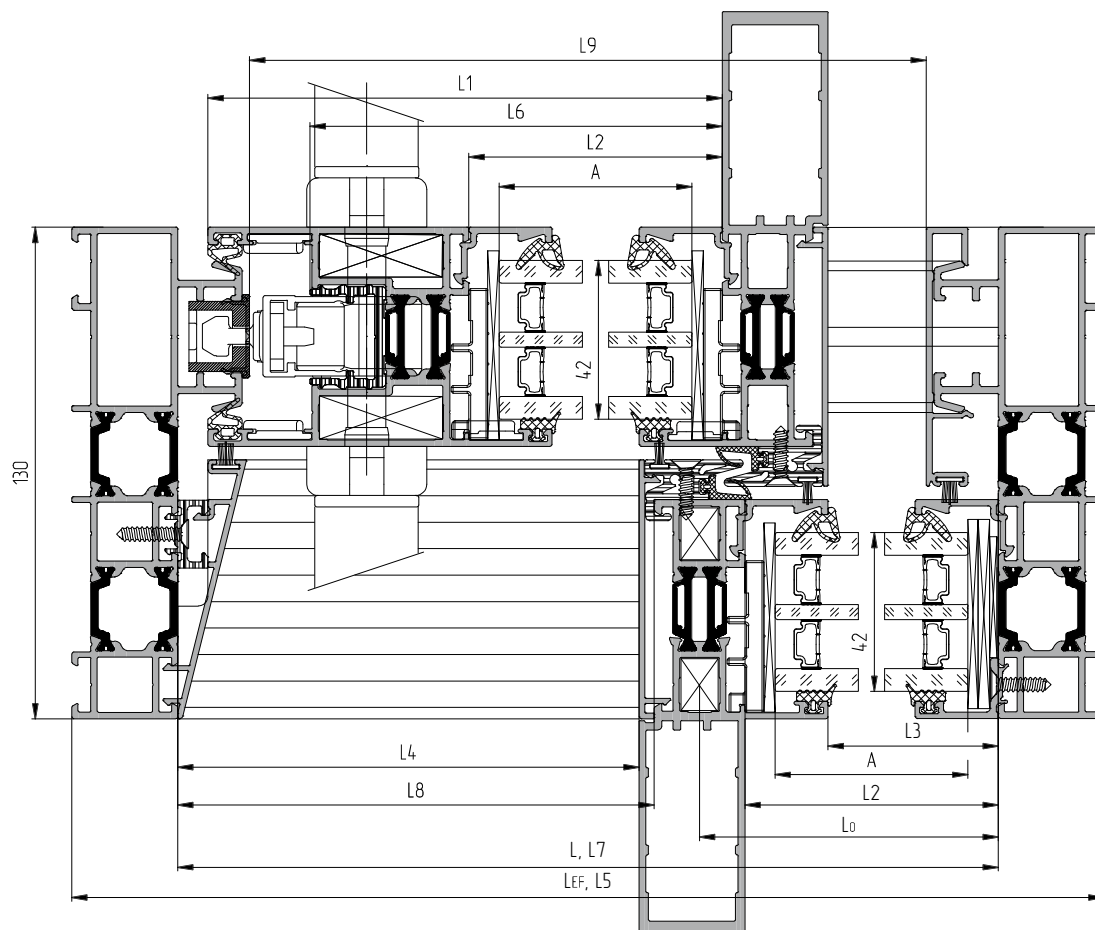
Horizontal sections. Variant 2

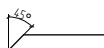
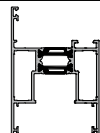
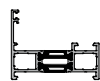
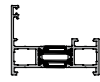
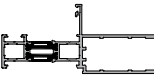
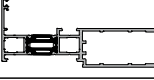
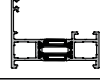
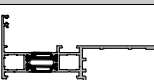
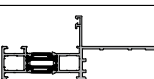
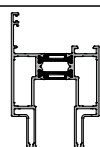
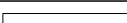
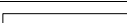
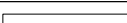
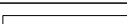
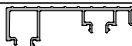


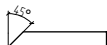
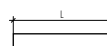
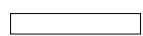
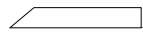
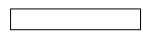
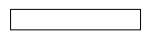
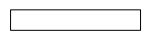
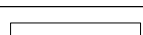
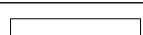
Horizontal sections. Variant 3

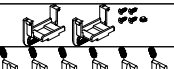
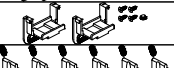
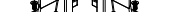


Horizontal sections. Variant 4

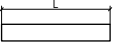
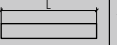
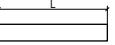
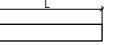


Article		Drawing		Type C1		Type C3		Type C4		
					1...		1...		1...	
Profile										
AYPC.SL130.0103				L=L _{EF} -56	2	L=L _{EF} -56	2	L=L _{EF} -56	2	
AYPC.SL130.0105				H	2	H	2	H	2	
AYPC.SL130.0201				L1=L _{EF} /2-0,5	1	L1=L _{EF} /3-5	2	L1=L _{EF} /4+21	2	
				L1=L _{EF} /2-0,5	1	L1=L _{EF} /3-5	2	L1=L _{EF} /4+21	2	
				H1=H-73	1	H1=H-73	2	H1=H-73	1	
Select	Variant 1									
	AYPC.SL130.0202				H2=H1-55	1	H2=H1-55	2	H2=H1-55	2
					H3=H-56	1	H3=H-56	2	H3=H-56	2
	Variant 2									
	AYPC.SL130.0202				H2=H1-55	1	H2=H1-55	2	H2=H1-55	2
	AYPC.SL130.0204				H3=H-56	1	H3=H-56	2	H3=H-56	2
	Variant 3									
	AYPC.SL130.0203				H2=H1-55	1	H2=H1-55	2	H2=H1-55	2
	AYPC.SL130.0202				H3=H-56	1	H3=H-56	2	H3=H-56	2
	Variant 4									
AYPC.SL130.0203			H2=H1-55	1	H2=H1-55	2	H2=H1-55	2		
AYPC.SL130.0204			H3=H-56	1	H3=H-56	2	H3=H-56	2		
AYPC.SL130.0205				-	-	-	-	H4=H-73	1	
AYPC.SL130.0601				L2=L1-69	4	L2=L1-69	6	L2=L1-69	8	
				H5=H1-182	2	H5=H1-182	4	H5=H1-182	4	
				H6=H-100	2	H6=H-100	2	H6=H-100	4	
AYPC.SL130.0611				H7=H-100	1	-	-	H7=H-100	2	
				L3=L2-22	2	L3=L2-44	2	L3=L2-22	4	
AYPC.SL130.0802				H8=H1	1	H8=H1	2	H8=H1	2	
				H9=H-56	1	H9=H-56	2	H9=H-56	2	
AYPC.SL130.0803				L4=L _{EF} /2-14,5	2	L4=L _{EF} /3-19	4	L4=2*L1-58	2	
AYPC.SL130.0804				H10=H-92	1	H10=H-92	2	-	-	
AYPC.SL130.0805-01				H11=H-59	1	-	-	H11=H-59	2	
AYPC.SL130.0806				H12=H-90	1	H12=H-90	2	-	-	

Article	Drawing		Type C1		Type C3		Type C4	
				1...		1...		1...
Profile								
AYPC.SL130.0807			L5=L _{EF} -5	2	L5=L _{EF} -5	2	L5=L _{EF} -5	2
AYPC.SL130.1901			L6=L1-27,5	1	L6=L1-27,5	2	L6=L1-27,5	2
			H13=H1-55*	1	H13=H1-55*	2	H13=H1-55*	2
AYPC.SL130.1903			H14=H1-10	1	H14=H1-10	2	H14=H1-10	2
			H15=H-72	1	H15=H-72	2	H15=H-72	2
AYPC.SL130.1904			L7=L _{EF} -56**	2	L7=L _{EF} -56**	2	L7=L _{EF} -56**	2
AYPC.SL130.1906			L8=L _{EF} /2-10,5	2	L8=L _{EF} /3-15	4	L8=L _{EF} /2-8	2
			H16=H-72	1	H16=H-72	2	-	-
AYPC.SL160.1950			L9=L _{EF} -94	1	L9=L _{EF} -94	1	L9=L _{EF} -94	1

Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0940HS-01		1	-	2	-	2	-
							
							
							
							
AYPC.SL130.0940S-01		-	1	-	2	-	2
							
							
							
							
AYPC.SL130.0942HS-01		1	-	2	-	2	-
							
AYPC.SL130.0985-01		-	2	-	4	-	4
AYPC.SL130.0950		4	4	8	8	8	8
AYPC.SL130.0950-02		4	4	8	8	8	8
AYPC.SL130.0951		4	4	8	8	8	8
AYPC.SL130.0906		4	4	8	8	8	8
AYPC.SL130.0908		2	2	2	2	2	2
AYPC.W62.0912		2	2	4	4	4	4
AYPC.W62.0913		2	2	4	4	4	4
AYPC.SL130.0918		4	4	8	8	4	4
AYPC.SL130.0925		N***	N***	N***	N***	N***	N***
AYPC.SL130.0933K		-	-	-	-	2	2

Article	Drawing	1...					
		Type C1		Type C3		Type C4	
		SL130 HS	SL130 S	SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories							
AYPC.SL130.0943		2	2	2	2	2	2
AYPC.SL130.0944		2	2	2	2	2	2
AYPC.SL130.0945		8	8	8	8	8	8
AYPC.SL130.0947		10	10	10	10	10	10
AYPC.100P.1850		LEF/500	LEF/500	LEF/500	LEF/500	LEF/500	LEF/500
AYPC.SL130.0982		2	2	2	2	2	2
100x22x5		4	4	4	4	8	8
100x32x2		3	3	2	2	6	6
AYPC.W62.0901M		5	5	10	10	10	10
100x50x3		13	13	18	18	26	26
FRK170		8	8	12	12	16	16
FRK177		4	–	8	–	4	–
FRK178		2	–	4	–	2	–
FRK178-01		2	–	4	–	2	–

Article	Name Drawing	Type C1				Type C3				Type C4			
		SL130 HS		SL130 S		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...		1...		1...
Gaskets													
FRK29-01		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK176		L1x2	1	–	–	L1x2	2	–	–	L1x2	2	–	–
FRK175		L1x2+H1x2	1	H1x2	1	L1x2+H1x2	2	H1x2	2	L1x2+H1	2	H1x2	1
FRK188		L9	1	L9	1	L9	1	L9	1	L9	1	L9	1
FRK191		(A+B)+(A+B1)	2	(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	2x(A+B)+(A+B1)	2	(A+B)+(A+B1)	4	(A+B)+(A+B1)	4
FRK230		H1	2	H1	2	H1	4	H1	4	H1	4	H1	4
ISE01		2xL4+H10+H11	1	2xL4+H10+H11	1	2xL4+H10	2	2xL4+H10	2	L4+H11	2	L4+H11	2
IS10		H14	2	H14	2	H14	4	H14	4	H14	4	H14	4
AYPC.SL130.0912		–	–	L1x2	2	–	–	L1x2	4	–	–	L1x2	4

Article	Drawing	1...		
		Type C1	Type C3	Type C4
Hardware				
3,9x25-A2 ISO14585		16	16	16
3,9x13-A2 ISO14586		LHP/150	LHP/150	LHP/150
3,9x19-A2 ISO14586		L8/250+L3/250+H7/500+ +H14/150+H16/500	L8/125+L3/250+H14/75+ +H16/250	L8/250+L3/125+H7/250+ +H14/75
5x10 DIN6325D		8	16	12
5x14 DIN6325		-	-	4

Infill					
Type C1		Type C3		Type C4	
A=L1-85; B=H1-154	1	A=L1-85; B=H1-154	2	A=L1-85; B=H1-154	2
A=L1-85; B1=H-72	1	A=L1-85; B1=H-72	1	A=L1-85; B1=H-72	2

The distance to transom insert axle, L ₀		
Type C1	Type C3	Type C4
L ₀ = L _{EF} /2-57,5	L ₀ = L _{EF} /3-3	L ₀ = L _{EF} /4-36

Variant	AYPC.SL130.0925 quantity, N, pcs		
	Type C1	Type C3	Type C4
1	-	-	-
2	2	4	4
3	4	8	8
4	4	8	8

1 When manufacturing types C3 and C4 doors with the width L>6500 mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).

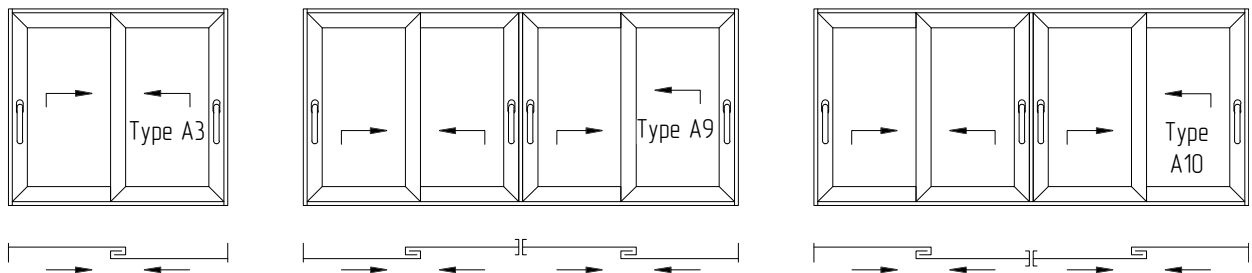
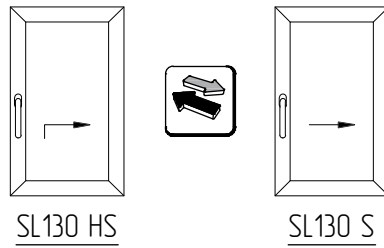
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

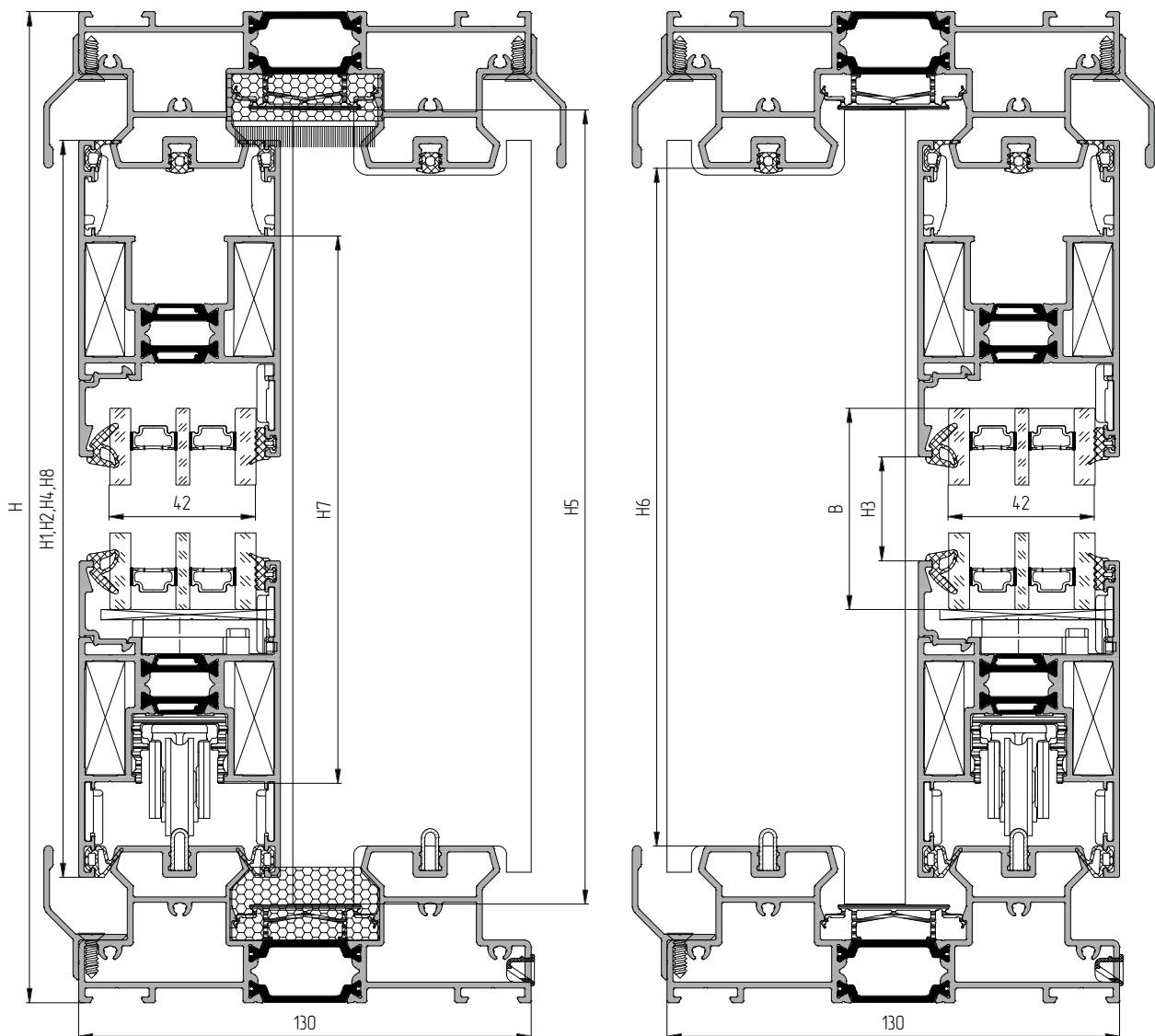
**The length of AYPC.SL130.1904 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.

***AYPC.SL130.0925 cover is used only with sash profile AYPC.SL130.0203 or AYPC.SL130.0204 (see application table).

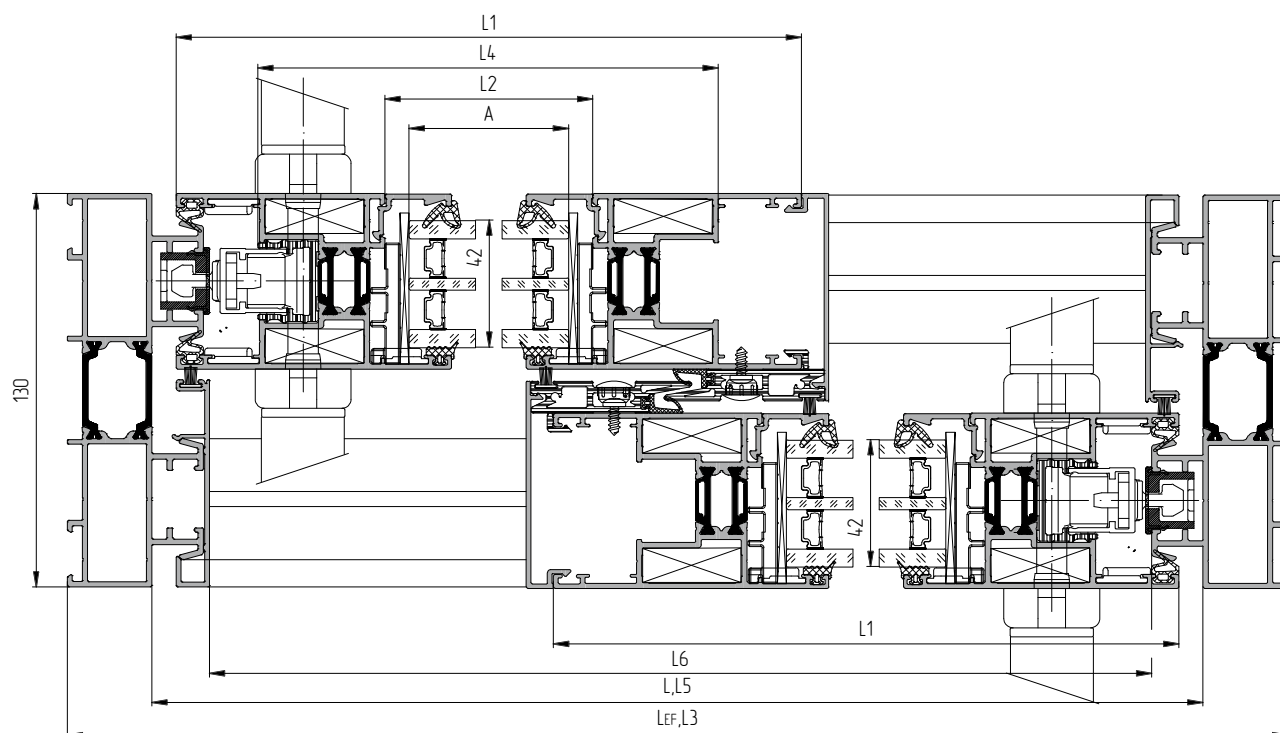


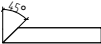
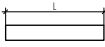
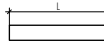
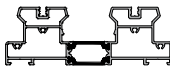
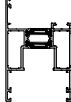
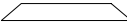
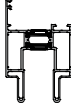


Vertical sections

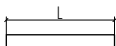
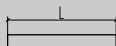
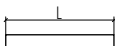
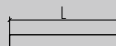


Horizontal sections



Article	Drawing		Type A3		Type A9 Type A10	
				1...		1...
Profile						
AYPC.SL130.0101			L=LEF-56	2	L=LEF-56	2
AYPC.SL130.0106			H	2	H	2
AYPC.SL130.0201			L1=LEF/2+5	4	L1=LEF/4+26,5	8
			H1=H-73	4	H1=H-73	7
AYPC.SL130.0205			-	-	H2=H1	1
AYPC.SL130.0601			L2=L1-138	4	L2=L1-138	8
			H3=H1-182	4	H3=H1-182	8
AYPC.SL130.0801			H4=H1	2	H4=H1	4
AYPC.SL130.0805-01			H5=H-59	2	H5=H-59	2
AYPC.SL130.0806			H6=H-90	2	H6=H-90	2
AYPC.SL130.0807			L3=LEF-5	3	L3=LEF-5	3
AYPC.SL130.1901			L4=L1-57	2	L4=L1-57	4
			H7=H1-55*	2	H7=H1-55*	4
AYPC.SL130.1902			H8=H1-10	2	H8=H1-10	4
AYPC.SL130.1905			L5=LEF-56**	2	L5=LEF-56**	2
AYPC.SL160.1950			L6=LEF-94	2	L6=LEF-94	2

Article	Drawing	1...			
		Type A3		Type A9 Type A10	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
AYPC.SL130.0940HS		2	–	4	–
AYPC.SL130.0940S		–	2	–	4
AYPC.SL130.0941HS		1	–	2	–
AYPC.SL130.0981		4	4	4	4
AYPC.SL130.0986		–	2	–	4
AYPC.SL130.0951		16	16	32	32
AYPC.SL130.0906		8	8	16	16
AYPC.SL130.0907		1	1	2	2
AYPC.SL130.0908		3	3	3	3
AYPC.W62.0912		8	8	16	16
AYPC.SL130.0918		16	16	28	28
AYPC.SL130.0933K		–	–	2	2
AYPC.SL160.0928		H8/150	H8/150	H8/75	H8/75
AYPC.SL130.0943		4	4	4	4
AYPC.SL130.0944		4	4	4	4
AYPC.SL130.0947		11	11	11	11
AYPC.100P.1850		LEF/500	LEF/500	LEF/500	LEF/500
AYPC.W62.0901M		8	8	16	16
100x50x3		12	12	24	24
FRK170		8	8	16	16
FRK177		8	–	12	–
FRK178		4	–	6	–
FRK178-01		4	–	6	–

Article	Drawing	Type A3				Type A9 Type A10			
		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...
Gaskets									
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	–	–	L1x2	4	–	–
FRK175		L1x2+H1x2	2	H1x2	2	L1x4+H1x3	2	H1x3	2
FRK188		L6x2	1	L6x2	1	L6x2	1	L6x2	1
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK230		H8	2	H8	2	H8	4	H8	4
ISE01		2xH8+2xH5	1	2xH8+2xH5	1	2xH5+4xH8	1	2xH5+4xH8	1
AYPC.SL130.0912		–	–	L1x2	4	–	–	L1x2	8

Article	Drawing	1..	
		Type A3	Type A9 Type A10
Hardware			
3,9x9,5-A2ISO14585		H8/150	H8/75
3,9x25-A2ISO14585		16	16
3,9x13-A2ISO14586		L3/100	L3/100
5x10DIN6325D		32	60
5x14DIN6325D		-	4

Infill			
Type A3		Type A9 Type A10	
A=L1-154; B=H1-154	2	A=L1-154; B=H1-154	4

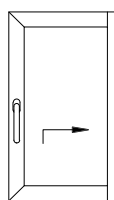


1. When manufacturing types A9 and A10 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.31).

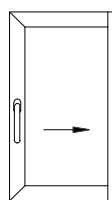
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

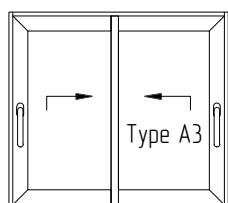
**The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



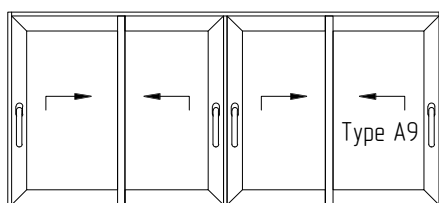
SL130 HS



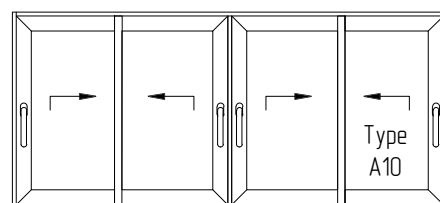
SL130 S



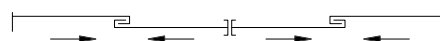
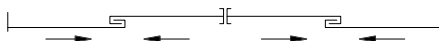
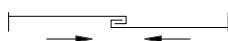
Type A3



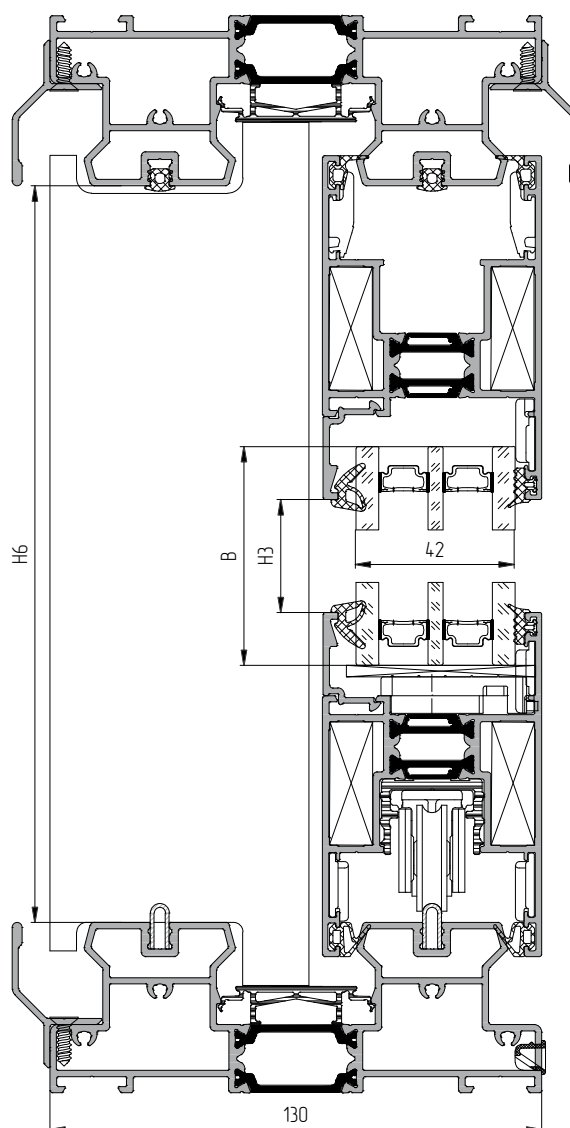
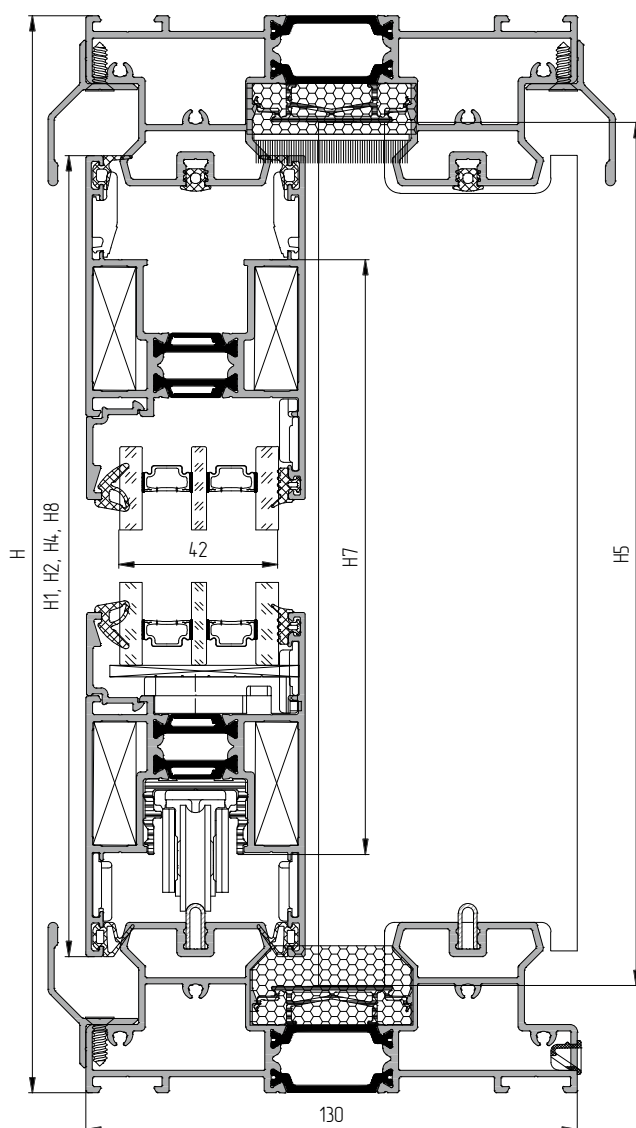
Type A9



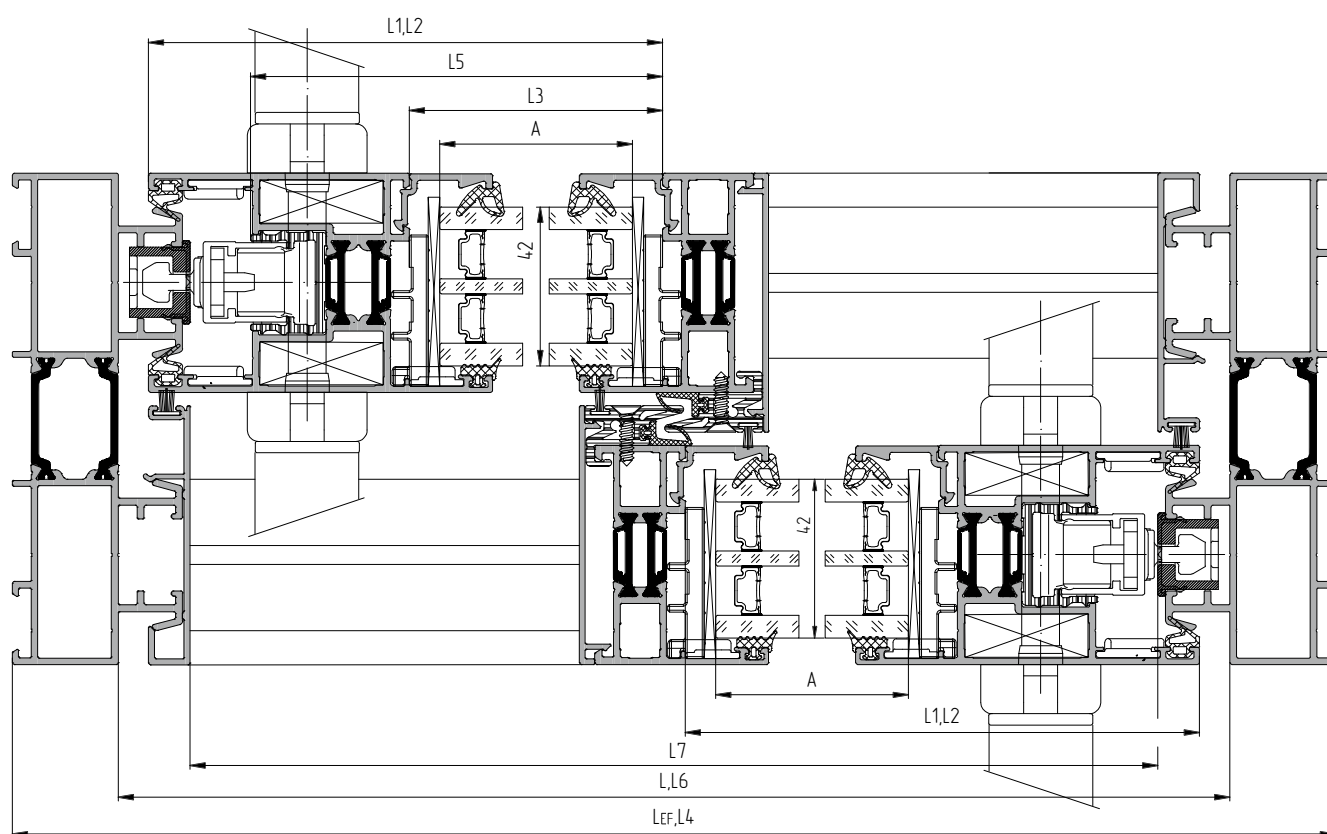
Type A10



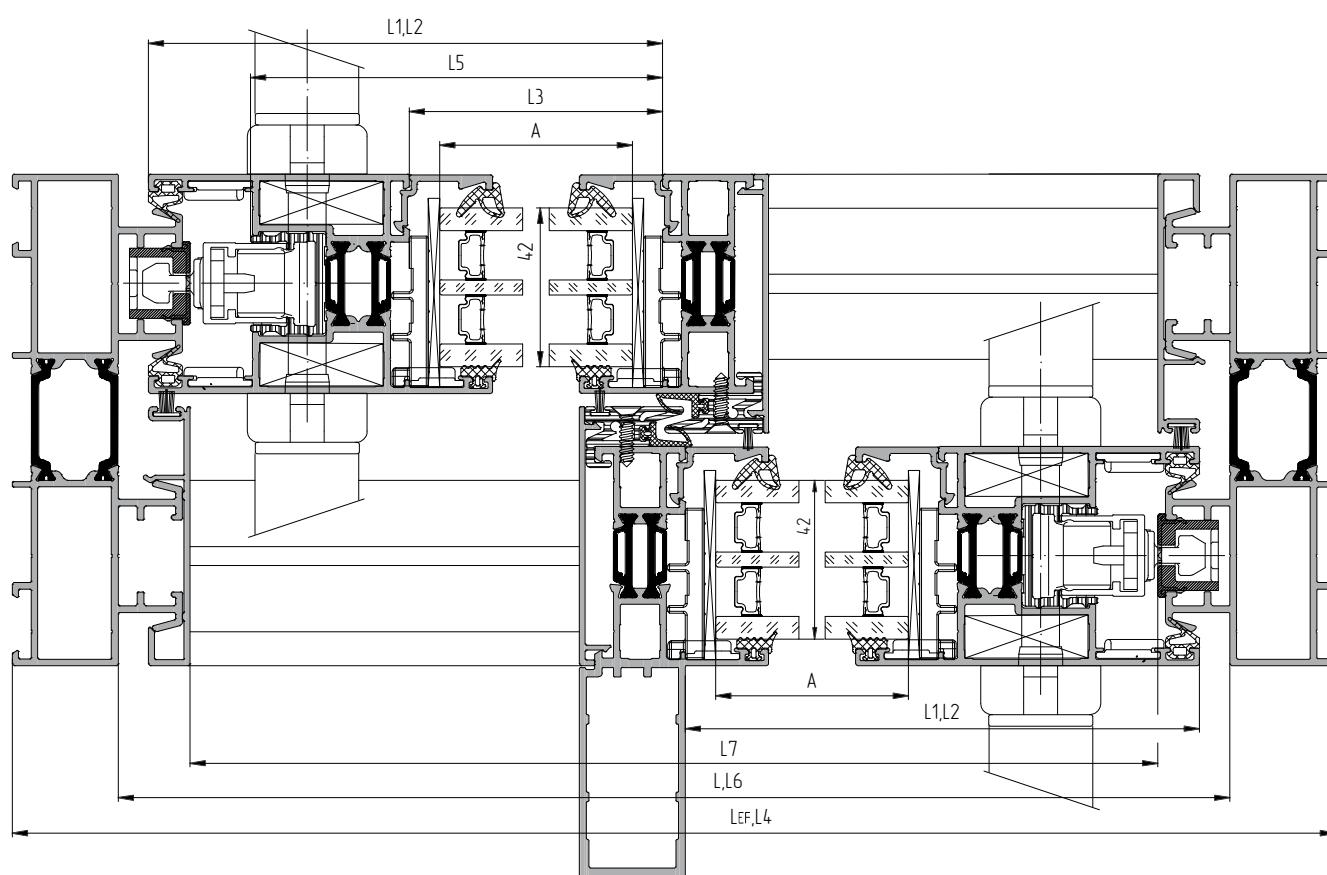
Vertical sections



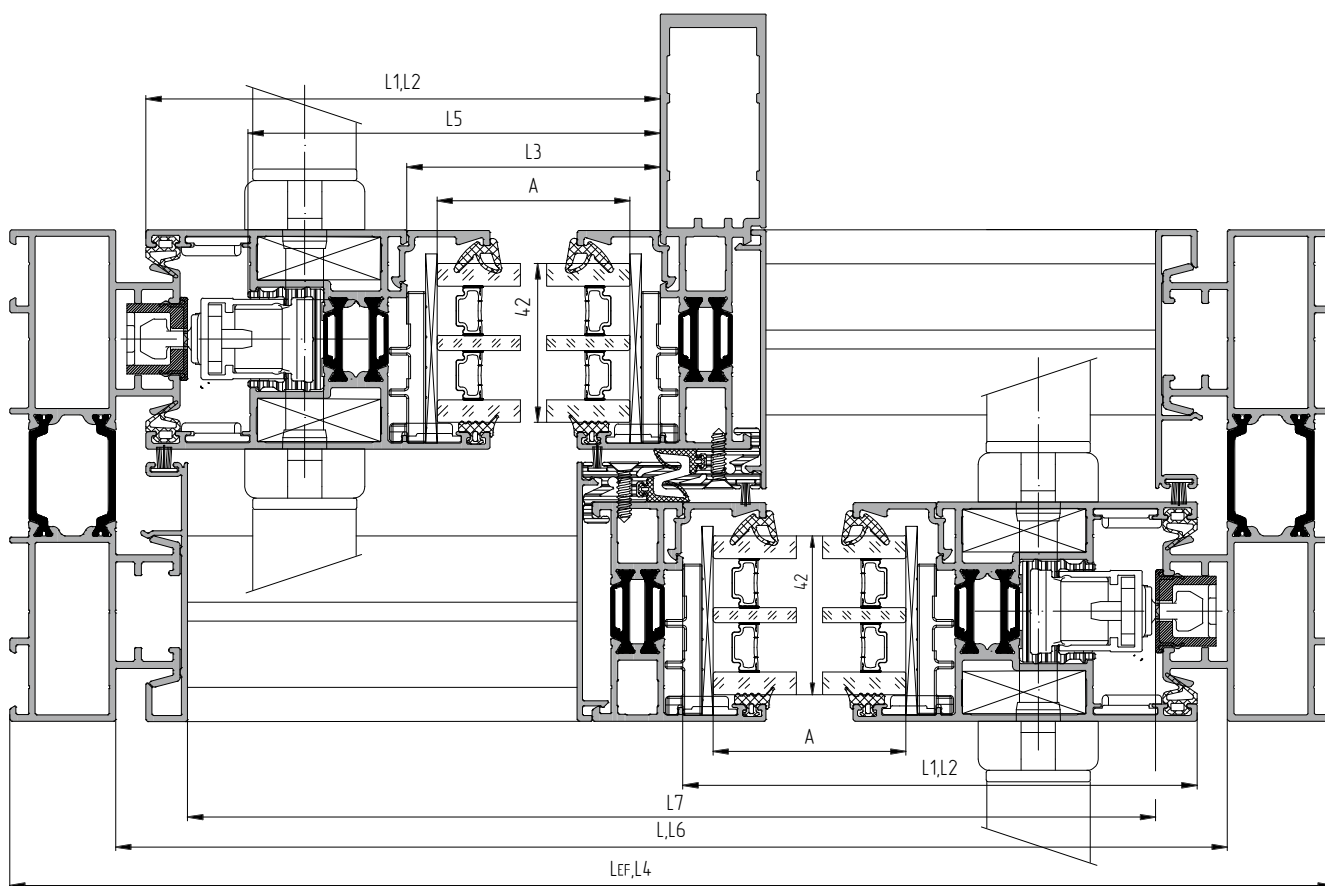
Horizontal sections. Variant 1



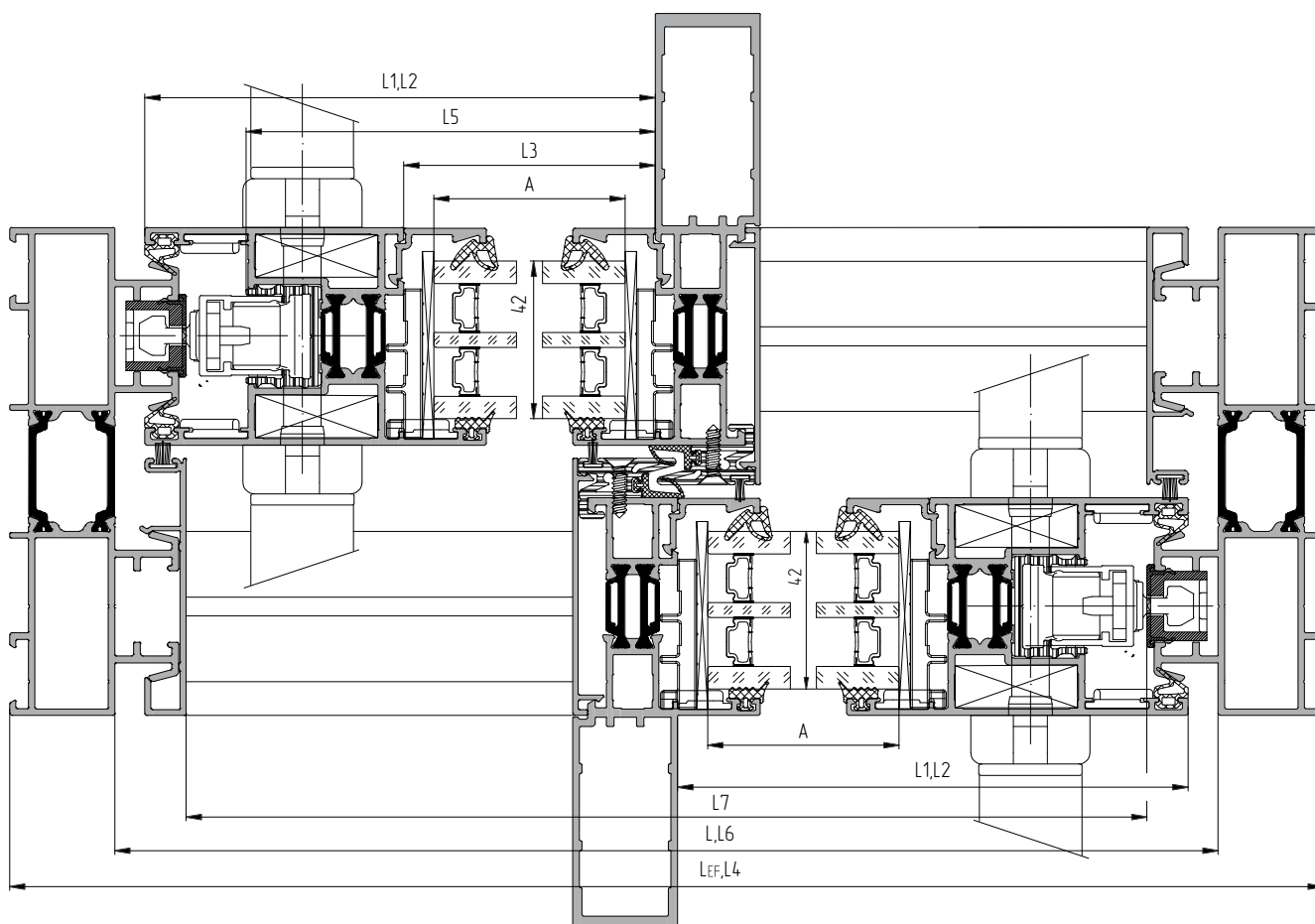
Horizontal sections. Variant 2

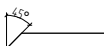
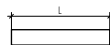
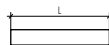
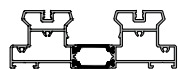
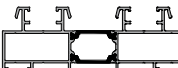
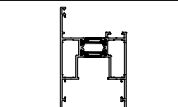
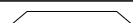
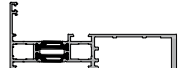
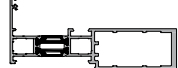
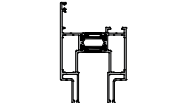
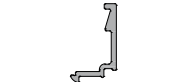
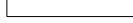
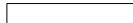
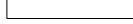
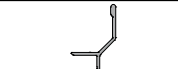
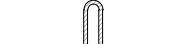


Horizontal sections. Variant 3



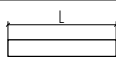
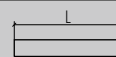
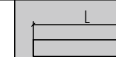
Horizontal sections. Variant 4



Article		Drawing		Type A3		Type A9 Type A10	
					1...		1...
Profile							
AYPC.SL130.0101				L=LEF-56	2	L=LEF-56	2
AYPC.SL130.0106				H	2	H	2
AYPC.SL130.0201				L1=LEF/2-39	2	L1=LEF/4-17,5	4
				L2=L1	2	L2=L1	4
				H1=H-73	2	H1=H-73	3
Select	Variant 1			H2=H1-55		H2=H1-55	
	AYPC.SL130.0202				2		4
	Variant 2						
	AYPC.SL130.0202				1		2
	AYPC.SL130.0204				1		2
	Variant 3						
	AYPC.SL130.0202				1		2
	AYPC.SL130.0203				1		2
	Variant 4						
	AYPC.SL130.0203				1		2
AYPC.SL130.0204		1	2				
AYPC.SL130.0205				-	-	H3=H1	1
AYPC.SL130.0601				L3=L1-69	4	L3=L1-69	8
				H4=H1-182	4	H4=H1-182	8
AYPC.SL130.0802				H5=H1	2	H5=H1	4
AYPC.SL130.0805-01				H6=H-59	2	H6=H-59	2
AYPC.SL130.0806				H7=H-90	2	H7=H-90	2
AYPC.SL130.0807				L4=LEF-5	3	L4=LEF-5	3
AYPC.SL130.1901				L5=L1-27,5	2	L5=L1-27,5	4
				H8=H1-55*	2	H8=H1-55*	4
AYPC.SL130.1903				H9=H1-10	2	H9=H1-10	4
AYPC.SL130.1905				L6=LEF-56**	2	L6=LEF-56**	2
AYPC.SL160.1950				L7=LEF-94	2	L7=LEF-94	2

Article	Drawing	1...			
		Type A3		Type A9 Type A10	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
AYPC.SL130.0940HS-01		2	-	4	-
AYPC.SL130.0940S-01		-	2	-	4
AYPC.SL130.0941HS-01		1	-	2	-
AYPC.SL130.0981		4	4	4	4
AYPC.SL130.0985		-	2	-	4
AYPC.SL130.0950-02		8	8	16	16
AYPC.SL130.0951		8	8	16	16
AYPC.SL130.0906		8	8	16	16
AYPC.SL130.0907		1	1	2	2
AYPC.SL130.0908		3	3	3	3
AYPC.W62.0912		4	4	8	8
AYPC.W62.0913		4	4	8	8
AYPC.SL130.0918		8	8	12	12
AYPC.SL130.0925		N***	N***	N***	N***
AYPC.SL130.0933K		-	-	2	2
AYPC.SL130.0943		4	4	4	4
AYPC.SL130.0944		4	4	4	4
AYPC.SL130.0947		12	12	12	12
AYPC.100P.1850		LEF/500	LEF/500	LEF/500	LEF/500
AYPC.W62.0901M		8	8	16	16
100x50x3		12	12	24	24
FRK170		8	8	16	16

Article	Drawing	1...			
		Type A3		Type A9 Type A10	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
FRK177		8	–	12	–
FRK178		4	–	6	–
FRK178-01		4	–	6	–

Article	Drawing	Type A3				Type A9 Type A10			
		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...
Gaskets									
FRK29-01		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK176		L1x2	2	-	-	L1x2	4	-	-
FRK175		L1x2+H1x4	2	H1x2	2	L1x4+H1x3	2	H1x3	2
FRK188		2xL7	1	2xL7	1	L7	2	L7	2
FRK191		(A+B)x2	2	(A+B)x2	2	(A+B)x2	4	(A+B)x2	4
FRK230		H9	2	H9	2	H9	4	H9	4
ISE01		H5	2	H5	2	H5	2	H5	2
IS10		H9	2	H9	2	H9	4	H9	4
AYPC.SL130.0912		-	-	L1x2	4	-	-	L1x2	8

Article	Drawing	1...	
		Type A3	Type A9 Type A10
		Hardware	
3,9x25-A2ISO14585		16	16
3,9x13-A2ISO14586		L4/100	L4/100
3,9x19-A2ISO14586		H9/150	H9/75
5x10DIN6325D		16	28
5x14DIN6325D		–	4

Infill			
Type A3		Type A9 Type A10	
A=L1-85; B=H1-154	2	A=L1-85; B=H1-154	4

Variant	AYPC.SL130.0925 quantity, N, pcs	
	Type A3	Type A9 Type A10
1	–	–
2	2	4
3	2	4
4	4	8

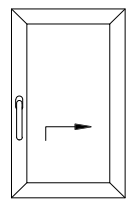


1. When manufacturing types A9 and A10 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.31).

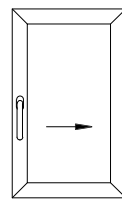
2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

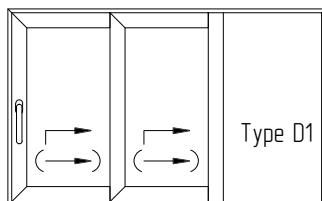
**The length of AYPC.SL130.1905 profile is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



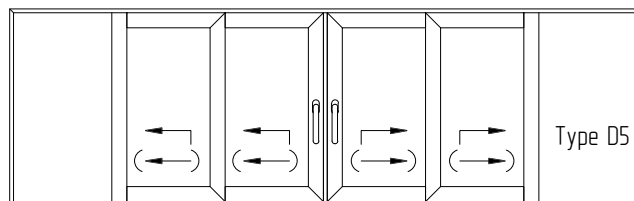
SL130 HS



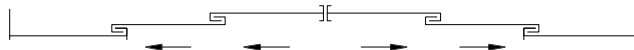
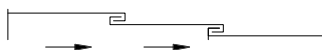
SL130 S



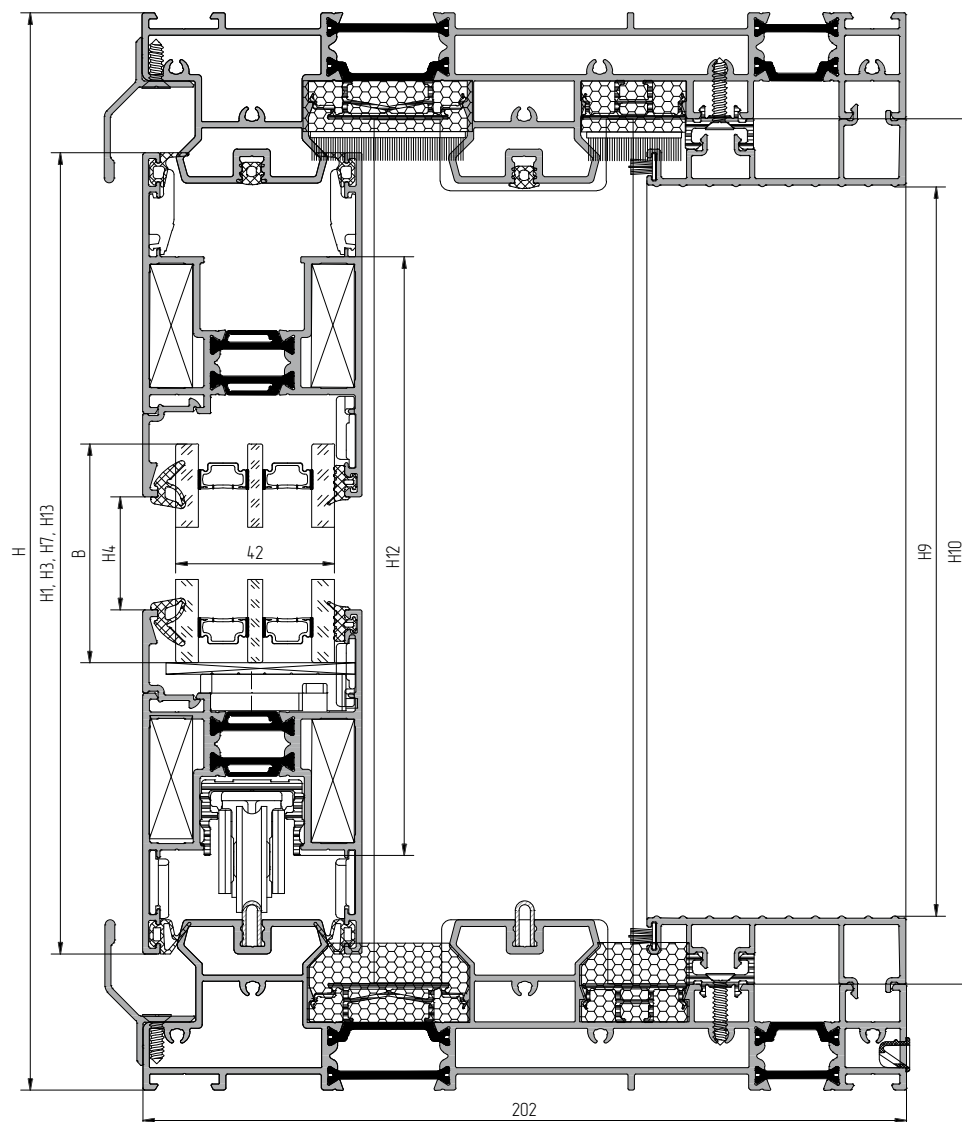
Type D1



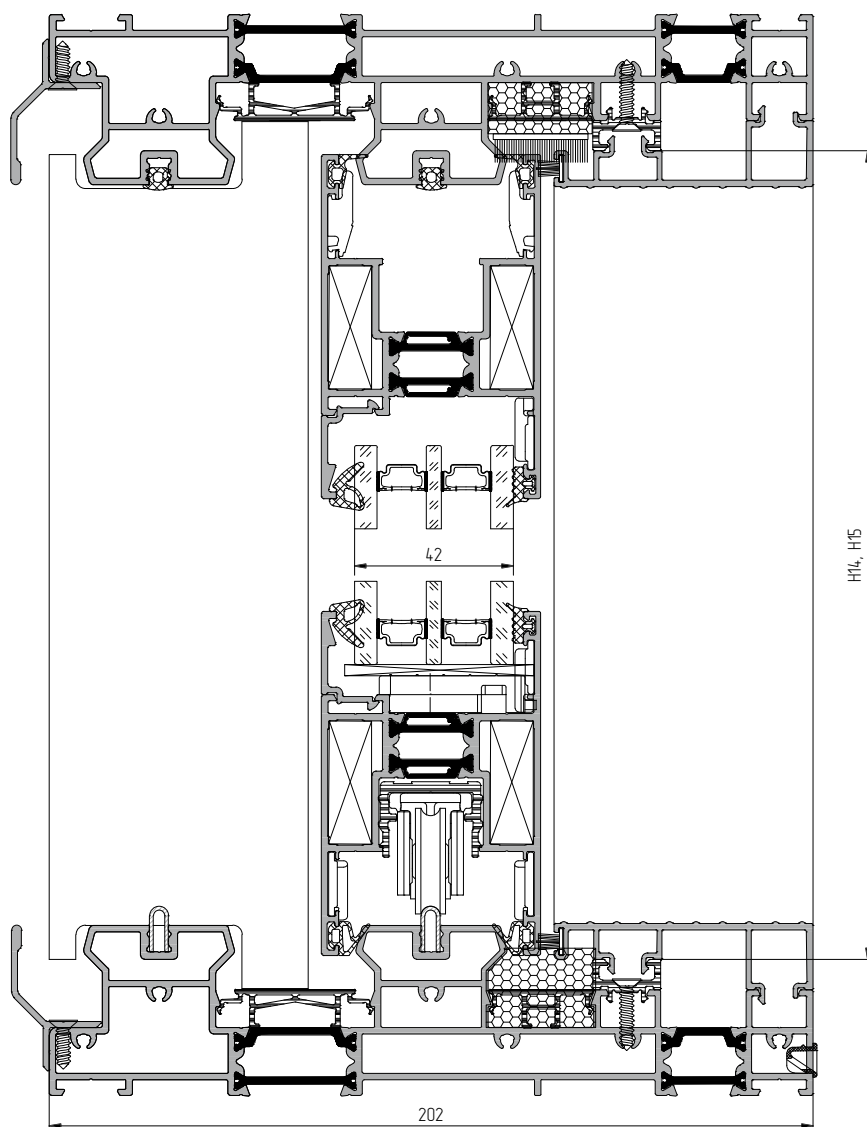
Type D5

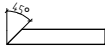
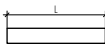
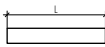
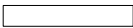
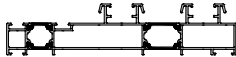
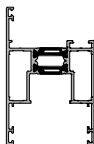
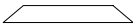
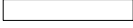
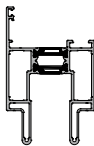
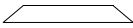


Vertical sections

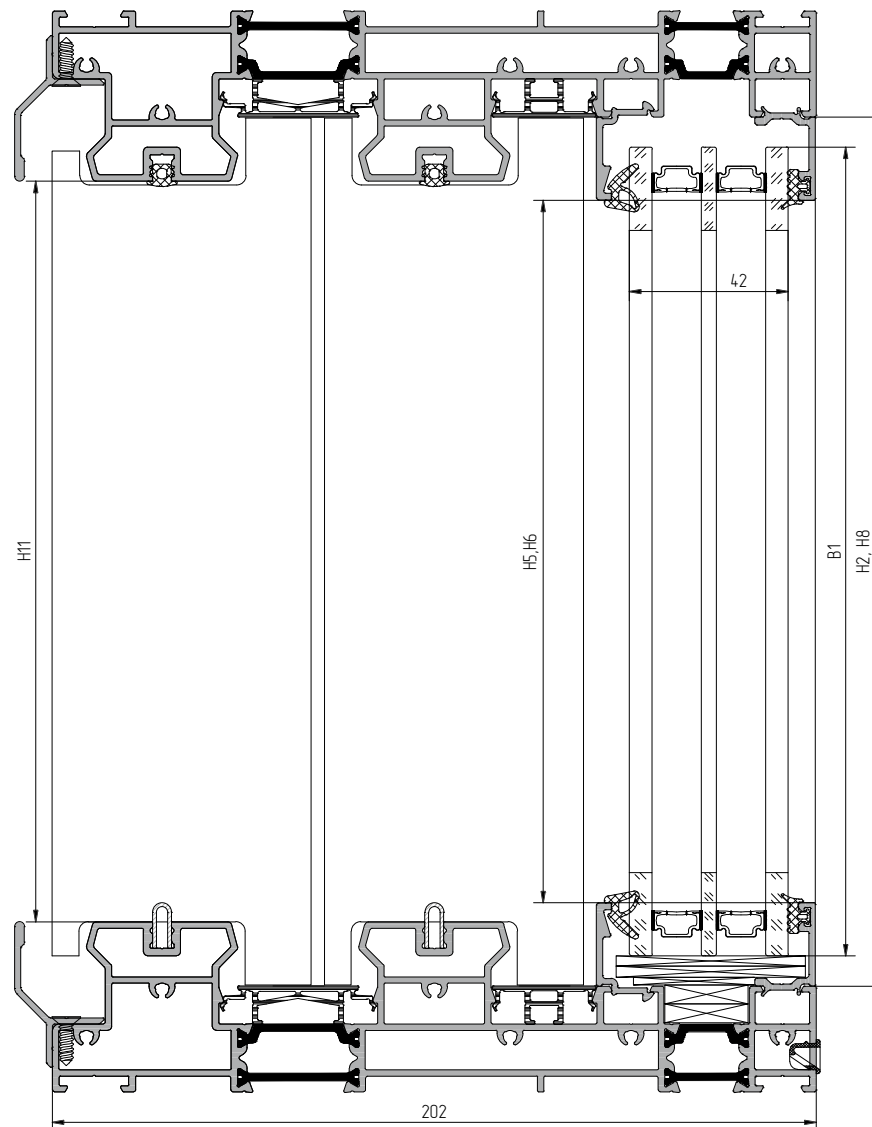


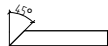
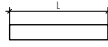
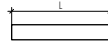
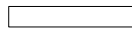
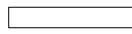
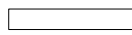
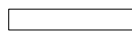
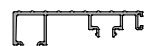
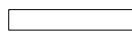
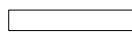
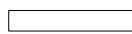
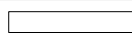
Vertical sections



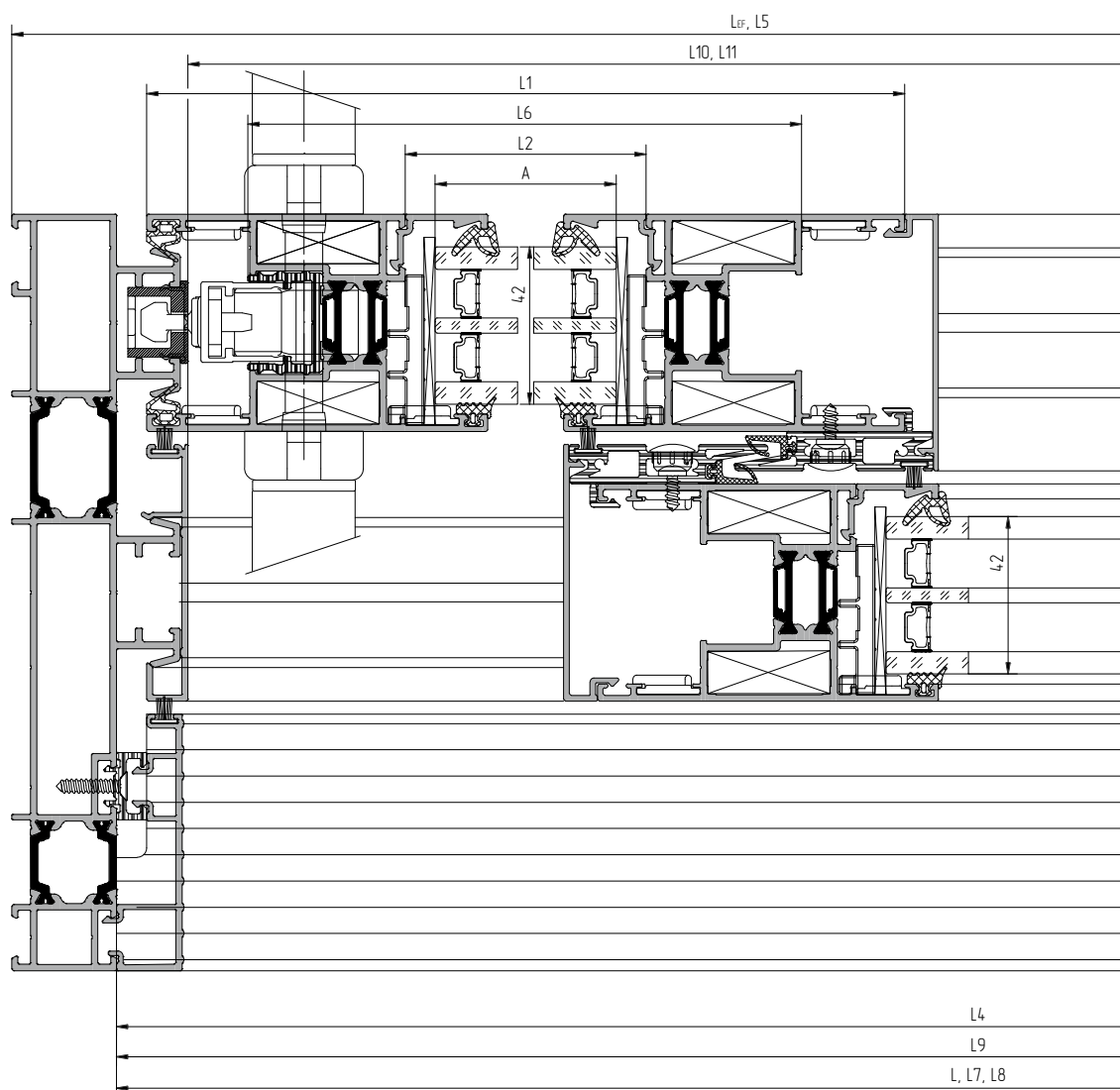
Article	Drawing		Type D1		Type D5	
				1...		1...
Profile						
AYPC.SL130.0107			L=L _{EF} -56	2	L=L _{EF} -56	2
AYPC.SL130.0109			H	2	H	2
AYPC.SL130.0201			L1=L _{EF} /3+56,5	4	L1=L _{EF} /6+70,5	8
			H1=H-73	4	H3=H-73	7
			H2=H-56	1	H2=H-56	2
AYPC.SL130.0205			-	-	H3=H-73	1
AYPC.SL130.0601			L2=L1-138	6	L2=L1-138	12
			H4=H1-182	4	H4=H1-182	8
			H5=H1-100	2	H5=H1-100	4

Vertical sections



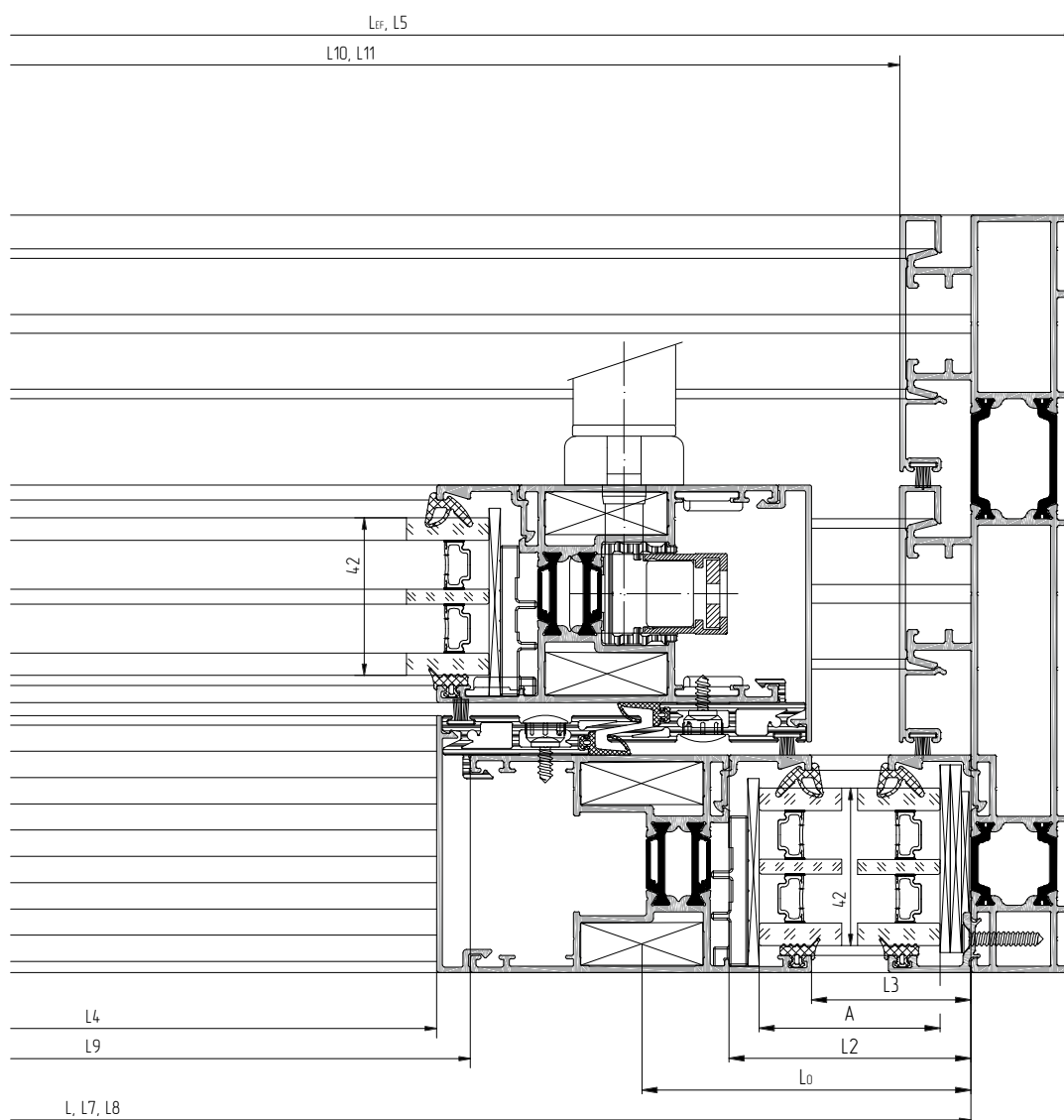
Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.0611			H6=H5	1	H6=H5	2
			L3=L2-22	2	L3=L2-22	4
AYPC.SL130.0801			H7=H1	3	H7=H1	6
			H8=H-56	1	H8=H-56	2
AYPC.SL130.0803			L4=2xLEF/3-52,5	2	L4=2xLEF/3-77,5	2
			H9=H-92	1	-	-
AYPC.SL130.0805-01			H10=H-59	3	H10=H-59	4
AYPC.SL130.0806			H11=H-90	1	-	-
AYPC.SL130.0807			L5=LEF-5	2	L5=LEF-5	2

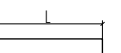
Horizontal sections



Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.1901 for SL130 HS lift and slide option			L6=L1-57	2	L6=L1-57	4
			H12=H1-55**	2	H12=H1-55**	4
AYPC.SL130.1901 for SL130 S sliding option			L6=L1-57	1	L6=L1-57	1
			L6=L1-57	1	L6=L1-57	3
			H12=H1-55**	1	H12=H1-55**	1
AYPC.SL130.1902			H13=H1-10	3	H13=H1-10	6
			H14=H-72	1	H14=H-72	2
AYPC.SL130.1904			L7=LEF-56**	2	L7=LEF-56**	2
AYPC.SL130.1905			L8=LEF-56**	2	L8=LEF-56**	2
AYPC.SL130.1906			L9=2xLEF/3-43,5	2	L9=2xLEF/3-59,5	2
			H15=H-56	1	-	-
AYPC.SL130.1950			L10=LEF-94	2	L10=LEF-94	2

Horizontal sections



Article	Drawing	Type D1				Type D5			
		SL130 HS		SL130 S		SL130 HS		SL130 S	
			1...		1...		1...		1...
Gaskets									
FRK29-01		(A+B)x2	3	(A+B)x2	3	(A+B)x2	6	(A+B)x2	6
FRK176		L1x2	2	-	-	L1x2	4	-	-
FRK175		L1x2+H1	2	H1x2	1	L1x4+H1	2	H1x2	1
FRK188		L10	2	L10	2	L10	2	L10	2
FRK191		(A+B)x2	3	(A+B)x2	3	(A+B)x2	6	(A+B)x2	6
FRK230		H13	4	H13	4	H13	8	H13	8
ISE01		L4+H10x2+H13x2	2	L4+H10x2+H13x2	2	L4+H10x2+H13x4	2	L4+H10x2+H13x4	2
AYPC.SL130.0912		-	-	L1x2	4	-	-	L1x2	8

Article	Drawing	1...			
		Type D1		Type D5	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
AYPC.SL130.0940HS		3	-	6	-
AYPC.SL130.0940S		-	3	-	6
AYPC.SL130.0941HS		1	-	2	-
AYPC.SL130.0942HS		1	-	2	-
AYPC.SL130.0943		4	4	4	4
AYPC.SL130.0944		2	2	2	2
AYPC.SL130.0945		4	4	4	4
AYPC.SL130.0946		4	4	4	4
AYPC.SL130.0947		13	13	13	13
AYPC.SL130.0983		2	2	2	2
AYPC.SL130.0986		-	2	-	4
AYPC.SL130.0986-01		-	2	-	4
AYPC.SL130.0950-02		4	4	8	8
AYPC.SL130.0951		16	16	32	32
AYPC.SL130.0906		8	8	16	16
AYPC.SL130.0908		2	2	2	2
AYPC.SL130.0912		8	8	16	16
AYPC.SL130.0918		16	16	28	28
AYPC.SL130.0933K		-	-	2	2
AYPC.SL160.0928		H14/75	H14/75	H14/37,5	H14/37,5
AYPC.100P.1850		LEF/500	LEF/500	LEF/500	LEF/500
100x22x5		4	4	8	8

Article	Drawing	1...			
		Type D1		Type D5	
		SL130 HS	SL130 S	SL130 HS	SL130 S
Accessories					
100x32x2		3	3	6	6
AYPC.W62.0901M		9	9	18	18
100x50x3		19	19	38	38
FRK170		12	12	24	24
FRK177		8	–	12	–
FRK178		4	–	6	–
FRK178–01		4	–	6	–

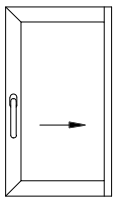
Article	Drawing	1...	
		Type D1	Type D5
Hardware			
3,9x9,5-A2ISO14585		H14/75	H14/37,5
3,9x25-A2ISO14585		24	24
3,9x13-A2ISO14586		L5/150	L5/150
3,9x19-A2ISO14586		L3/250+L9/250+H6/500+H15/500	L3/125+L9/250+H6/250
5x10DIN6325D		32	60
5x14DIN6325D		-	4

Infill			
Type D1		Type D5	
A=L1-154; B=H1-154	2	A=L1-154; B=H1-154	4
A=L1-154; B1=H-72	1	A=L1-154; B1=H-72	2

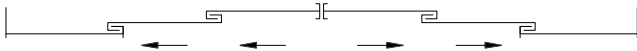
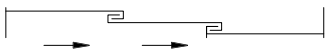
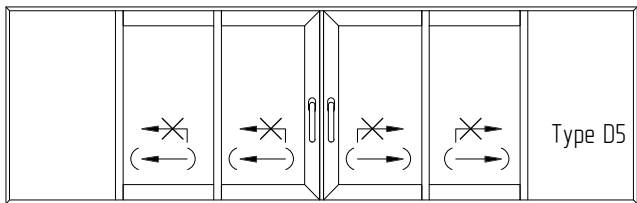
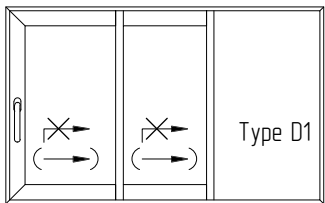
The distance to transom insert axle, L ₀	
Type D1	Type D5
$L_0 = L_{EF}/3-58,5$	$L_0 = L_{EF}/6-44$



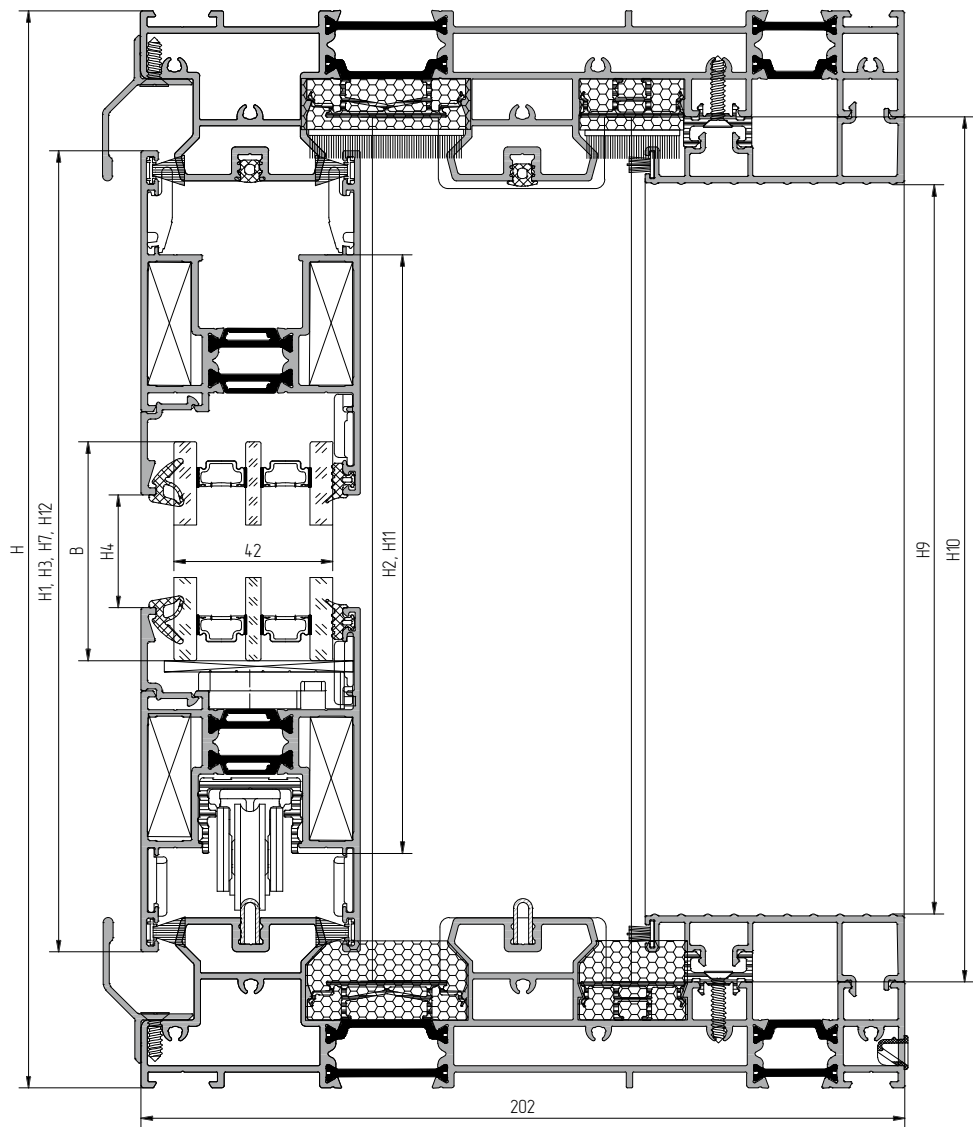
- When manufacturing types C3 and C4 doors with the width L>6500 mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).
 - Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).
- * The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.
 - ** The length of AYPC.SL130.1904 and AYPC.SL130.1905 profiles is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.



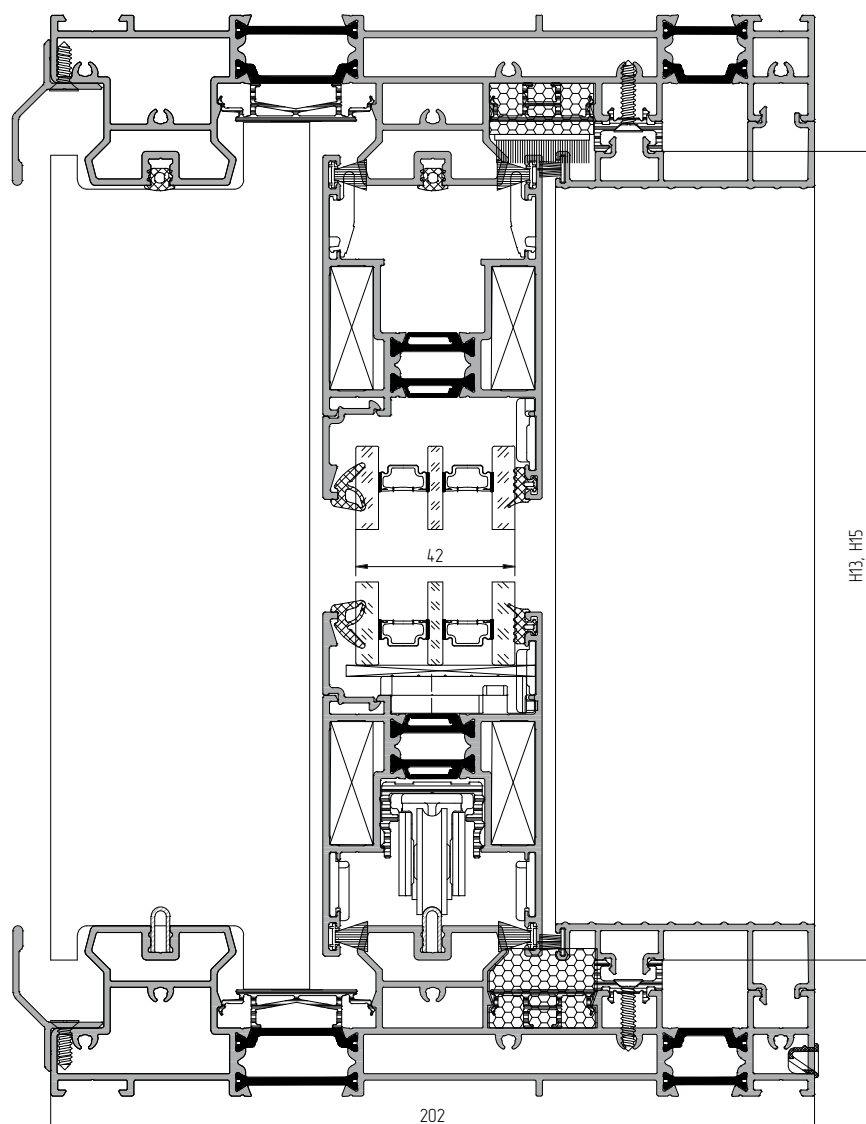
SL130 S

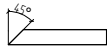
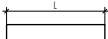
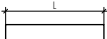
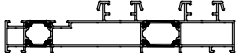
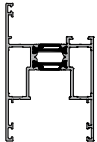
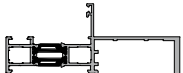


Vertical sections

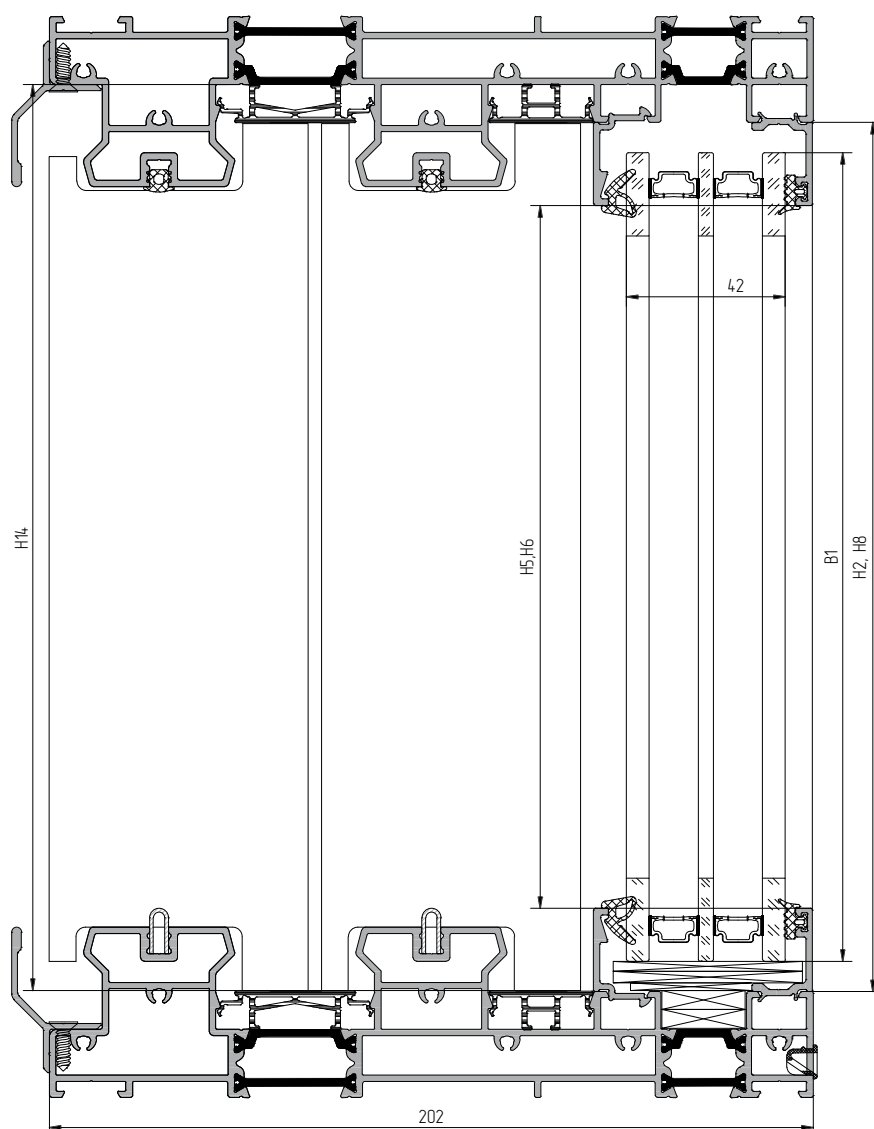


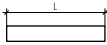
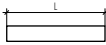
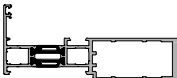
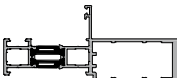
Vertical sections



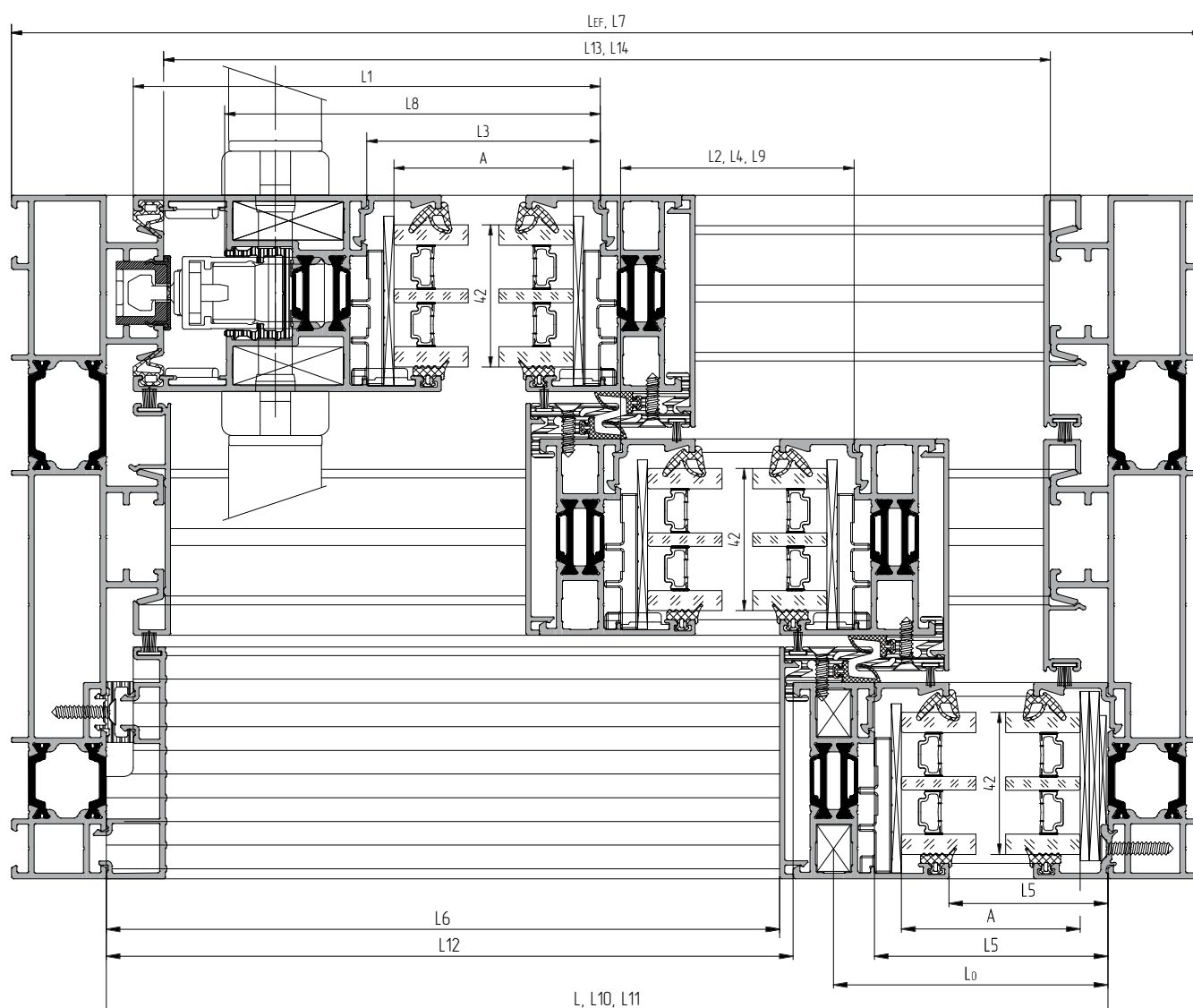
Article		Drawing		Type D1		Type D5		
					1...		1...	
Profile								
AYPC.SL130.0107				L=LEF-56	2	L=LEF-56	2	
AYPC.SL130.0109				H	2	H	2	
AYPC.SL130.0201				L1=LEF/3+20,5	1	L1=LEF/6+35	2	
				L1=LEF/3+20,5	1	L1=LEF/6+35	2	
				H1=H-73	1	H1=H-73	1	
				L2=LEF/3-48,5	2	L2=LEF/6-34	4	
Select	Variant 1							
	AYPC.SL130.0202			H2=H1-55		3	H2=H1-55	6
				H3=H-56		1	H3=H-56	2
	Variant 2							
	AYPC.SL130.0202			H2=H1-55		2	H2=H1-55	4
				H2=H1-55		1	H2=H1-55	2
	AYPC.SL130.0204			H3=H-56		1	H3=H-56	2

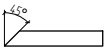
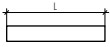
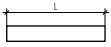
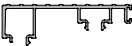
Vertical sections



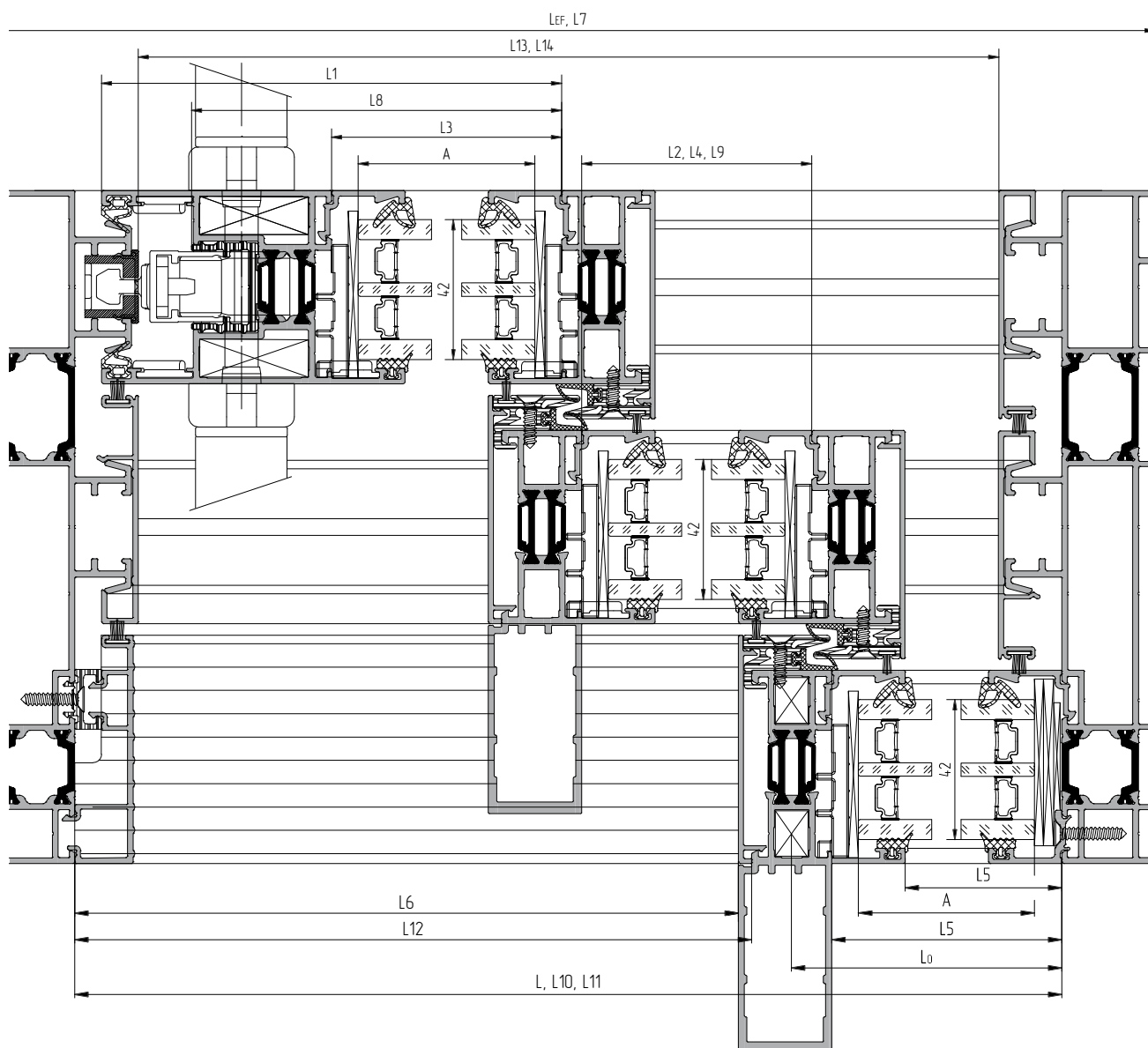
Article		Drawing		Type D1		Type D5	
					1...		1...
Select	Variant 3						
	AYPC.SL130.0203			H2=H1-55	2	H2=H1-55	4
	AYPC.SL130.0202			H2=H1-55	1	H2=H1-55	2
				H3=H-56	1	H3=H-56	2
	Variant 4						
	AYPC.SL130.0203			H2=H1-55	2	H2=H1-55	4
	AYPC.SL130.0204		H2=H1-55	1	H2=H1-55	2	
			H3=H-56	1	H3=H-56	2	
AYPC.SL130.0205				-	-	H4=H-73	1

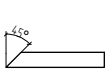
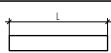
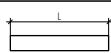
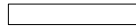
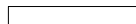
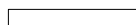
Horizontal sections. Variant 1



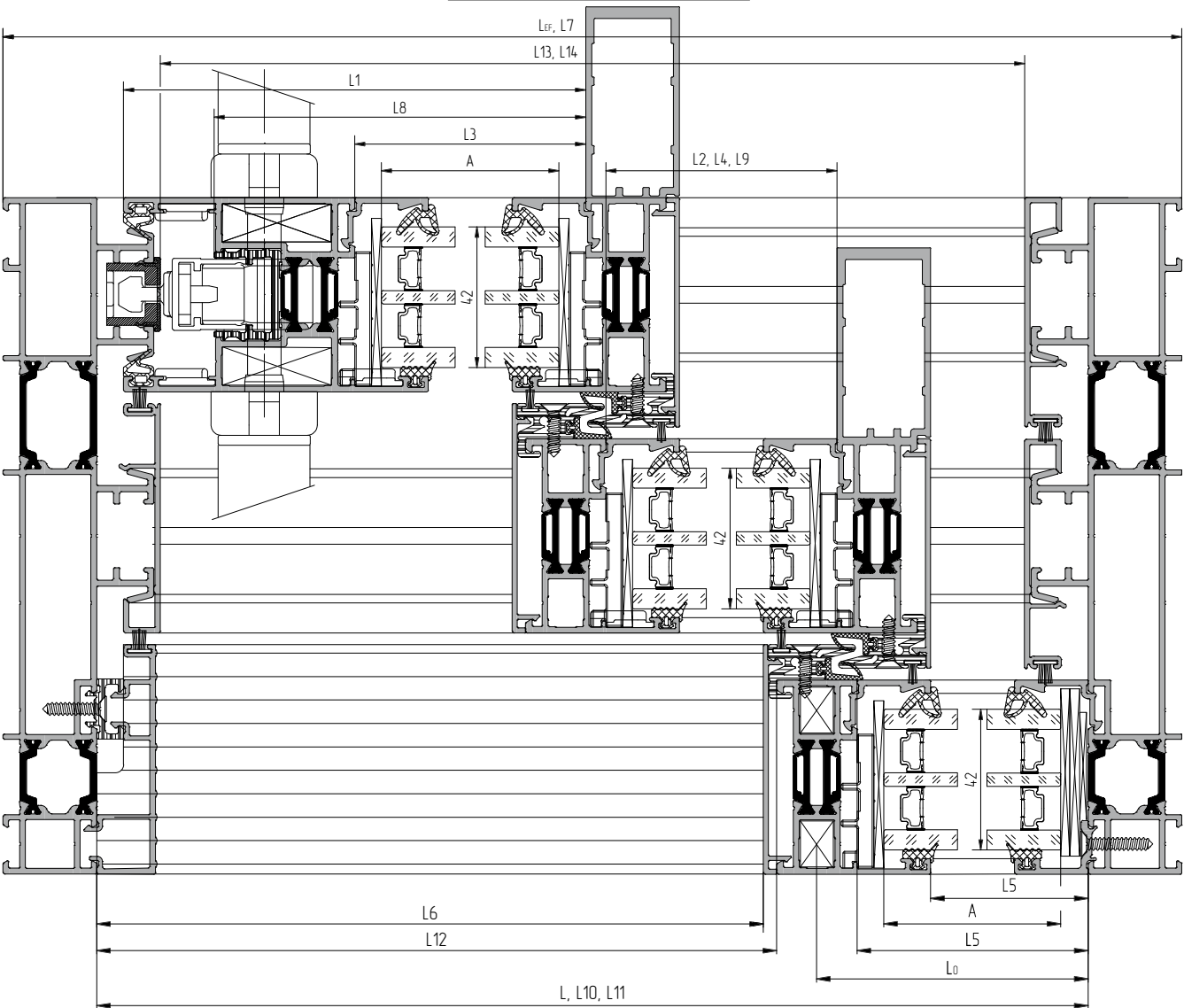
Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.0601			L3=L1-69	4	L3=L1-69	8
			L4=L2	2	L4=L2	4
			H5=H1-182	4	H5=H1-182	8
			H6=H-100	2	H6=H-100	4
AYPC.SL130.0611			H7=H-100	1	H7=H-100	2
			L5=L3-22	2	L5=L3-22	4
AYPC.SL130.0802			H8=H-73	3	H8=H-73	6
			H9=H-56	1	H9=H-56	2
AYPC.SL130.0803			L6=2xL _{EF} /3-35,5	2	L6=2xL _{EF} /3-44	2
			H9=H-92	1	-	-
AYPC.SL130.0805-01			H10=H-59	3	H10=H-59	4
AYPC.SL130.0807			L7=L _{EF} -5	2	L7=L _{EF} -5	2

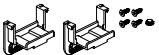
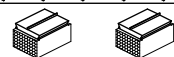
Horizontal sections. Variant 2



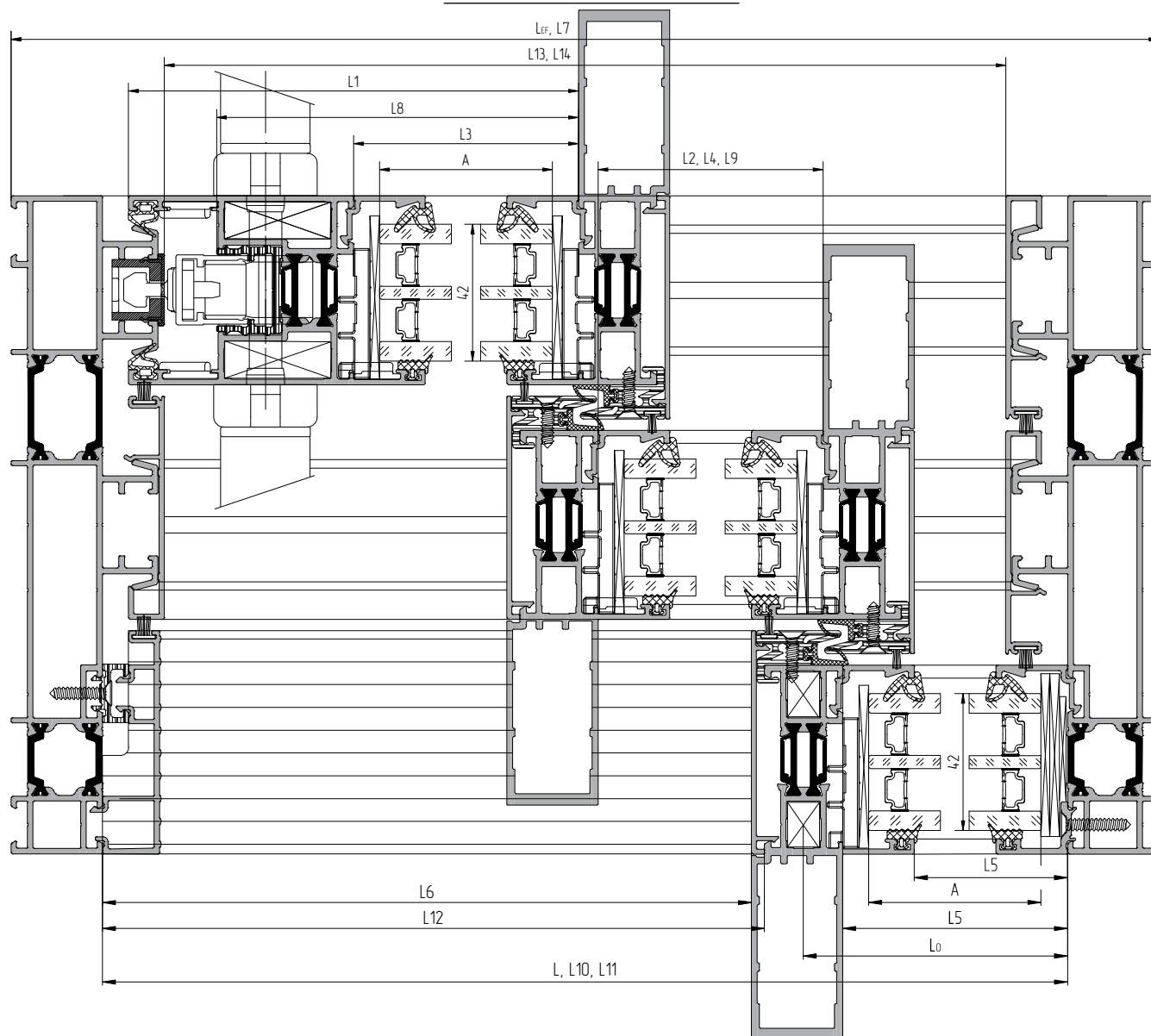
Article	Drawing		Type D1		Type D5	
				1...		1...
AYPC.SL130.1901			L8=L1-27,5	1	L8=L1-27,5	2
			L9=L2	1	L9=L2	2
			H11=H1-55*	1	H11=H1-55*	2
AYPC.SL130.1903			H12=H1-10	3	H12=H1-10	6
			H13=H-72	1	H13=H-72	2
AYPC.SL130.1904			L10=L _{EF} -56**	2	L10=L _{EF} -56**	2
AYPC.SL130.1905			L11=L _{EF} -56**	2	L11=L _{EF} -56**	2
AYPC.SL130.1906			L12=2xL _{EF} /3-22	2	L12=2xL _{EF} /3-36	2
			H15=H-56	1	-	-
AYPC.SL130.1950			L13=L _{EF} -94	2	L13=L _{EF} -94	2

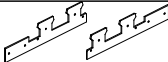
Horizontal sections. Variant 3



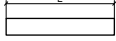
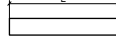
Article	Drawing	1...	
		Type D1	Type D5
Accessories			
AYPC.SL130.0940S-01		3	6
			
			
			
			
AYPC.SL130.0943		4	4
AYPC.SL130.0944		2	2
AYPC.SL130.0945		4	4
AYPC.SL130.0946		4	4
AYPC.SL130.0947		14	14

Horizontal sections. Variant 4



Article	Drawing	1...	
		Type D1	Type D5
Accessories			
AYPC.SL130.0983		2	2
AYPC.SL130.0985		2	4
AYPC.SL130.0985-01		2	4
AYPC.SL130.0950		4	8
AYPC.SL130.0950-02		12	24
AYPC.SL130.0951		4	8
AYPC.SL130.0906		8	16
AYPC.SL130.0908		2	2
AYPC.SL130.0912		2	4

Article	Drawing	1...	
		Type D1	Type D5
Accessories			
AYPC.SL130.0918		4	4
AYPC.W62.0913		6	12
AYPC.SL130.0925		N***	N***
AYPC.SL130.0933K		-	2
AYPC.100P.1850		LEF/500	LEF/500
100x22x5		4	8
100x32x2		3	6
AYPC.W62.0901M		9	18
100x50x3		19	38
FRK170		12	24

Article	Drawing	Type D1		Type D5	
			1...		1...
Gaskets					
FRK29-01		(A+B)x2	3	(A+B)x2	6
FRK175		H1x2	1	H1x2	1
FRK188		L13	2	L13	2
FRK191		(A+B)x2	3	(A+B)x2	6
FRK230		H13	4	H13	8
ISE01		L6x2+H9+H10x3	1	L6+H10x2	2
IS10		H13	4	H13	8
AYPC.SL130.0912		L1x2	4	L1x2	8

Article	Drawing	1...	
		Type D1	Type D5
Hardware			
3,9x25-A2ISO14585		24	24
3,9x13-A2ISO14586		L7/150	L7/150
3,9x19-A2ISO14586		L5/250+L12/250+H7/500+H13/75+H15/500	L5/125+L12/250+H7/250+H13/37,5
5x10DIN6325D		8	12
5x14DIN6325D		–	4

Infill			
Type D1		Type D5	
A=L1-85; B=H1-154	2	A=L1-85; B=H1-154	4
A=L1-85; B1=H-72	1	A=L1-85; B1=H-72	2

The distance to transom insert axle, L_0	
Type D1	Type D5
$L_0 = L_{EF}/3-36$	$L_0 = L_{EF}/6-22$

Variant	AYPC.SL130.0925 quantity, N, pcs	
	Type D1	Type D5
1	–	–
2	4	8
3	4	8
4	8	16

1. When manufacturing types C3 and C4 doors with the width $L > 6500$ mm, it is necessary to install additional frame connectors and encapsulating inserts (see page 08.32).

2. Select glass bead profiles and rubber gaskets according to the infill thickness (see section 05 – Table of Glazing).

*The length of AYPC.SL130.1901 profile is given for calculation of the required quantity. See pages 08.43 – 08.44 for profile dimensions and cutting.

**The length of AYPC.SL130.1904 and AYPC.SL130.1905 profiles is given for calculation of the required quantity. See page 08.34 for profile dimensions and cutting.

***AYPC.SL130.0925 cover is used only with AYPC.SL130.0203 or AYPC.SL130.0204 sash profile (see application table).





ALUTECH SL130
Patio systems

PROFILE MACHINING AND ASSEMBLY

01

02

03

04

05

06

07

08

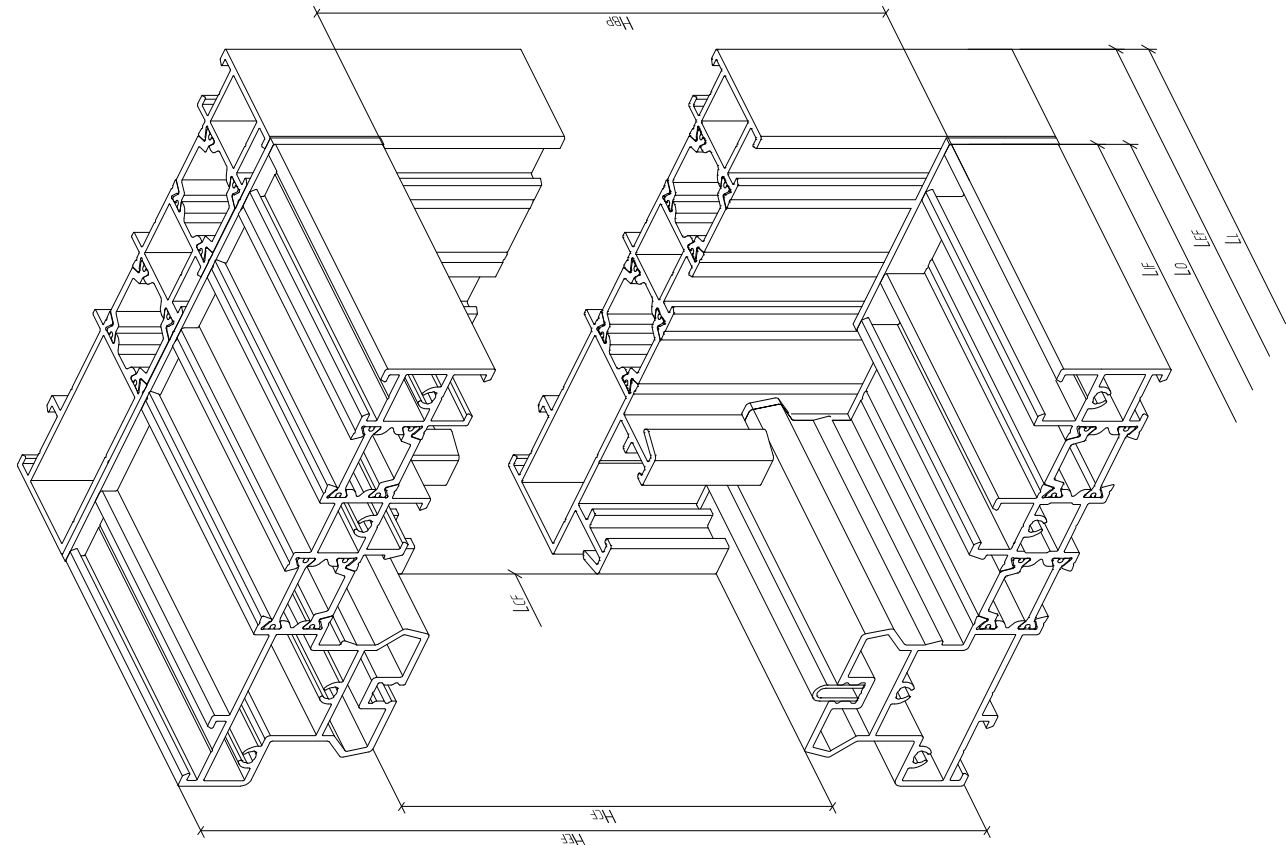
09

Table of symbols

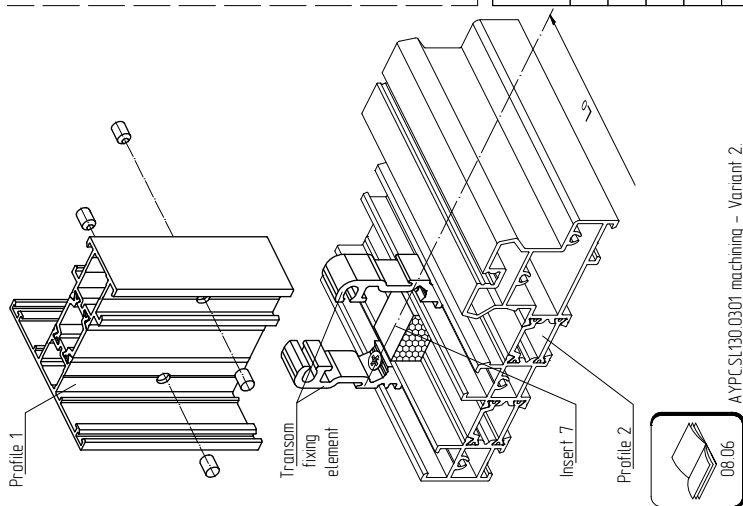
LEF – external frame width;
LIF – internal frame width;
LCF – clear frame width;
HEF – external frame height;
HIF – internal frame height;
HCF – clear frame height;

LES – external sash width;
LIS – internal sash width;
LCS – clear sash width;
HES – external sash height;
HIS – internal sash height;
HCS – clear sash height;

HH – distance from sash bottom to
handle axle;
LG – glass width;
LI – distance from vertical frame
edge to ledge axle;
LO – distance from horizontal frame
edge to transom insert axle;
HG – glass height.



Transom connection with frame profiles



A YPC SL130.0301 machining - Variant 3.

Profile 1	Profile 2	Transom fixing element		L0, mm
		Article	Qty, pcs	
AYPE SL130.0201		AYPE.SL130.0950-02	2	L1 – 5 L1 + 9
AYPE SL130.0202	AYPC SL130.0103	AYPC.SL130.0950	2	
AYPE SL130.0203	AYPC SL130.0104	AYPC.SL130.0950	2	
AYPE SL130.0204	AYPC SL130.0107	AYPC.SL130.0950	2	
AYPE SL130.0204	AYPC SL130.0108	AYPC.SL130.0950	2	
AYPE SL130.0301		AYPC.SL130.0950-01	2	

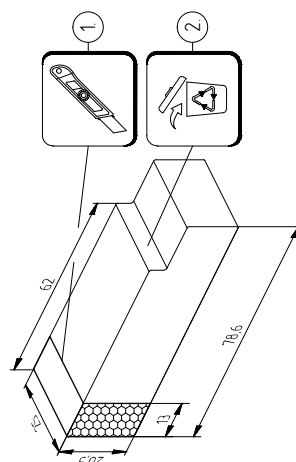
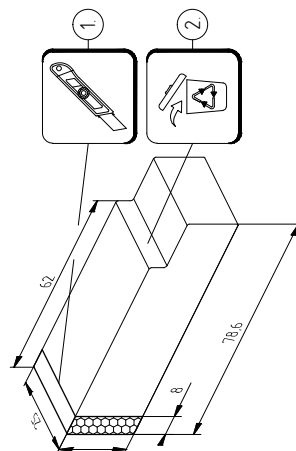
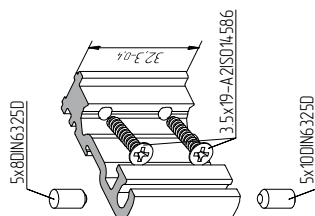
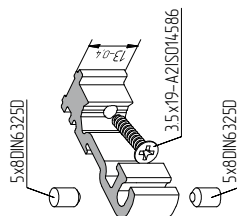
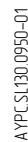
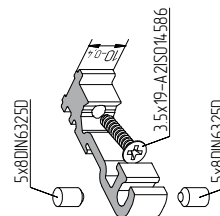
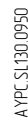


Do not mix up ledge axle
LL with transom insert
axle L0 !



AYPC.SL130.0301 machining - Variant 1.

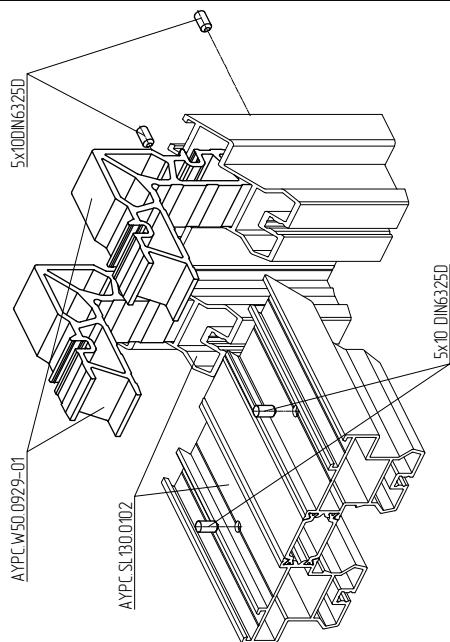
Original profile – AYPCL1300701



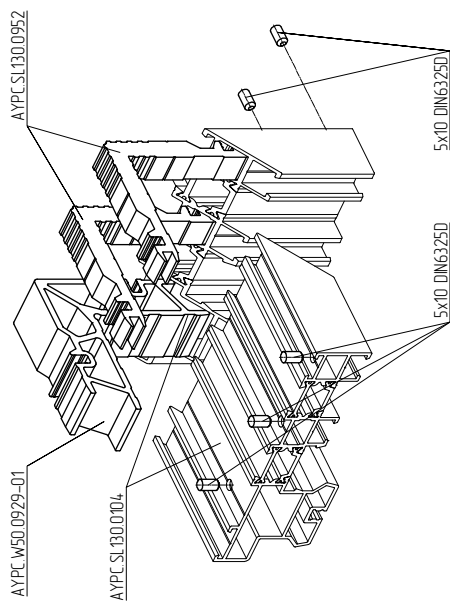
Make the number of holes and the number of pins to be installed according to the instructions!
Reducing the number of pins and holes will result in a loss of structural rigidity.
Changing pins with self-tapping screws is not allowed!



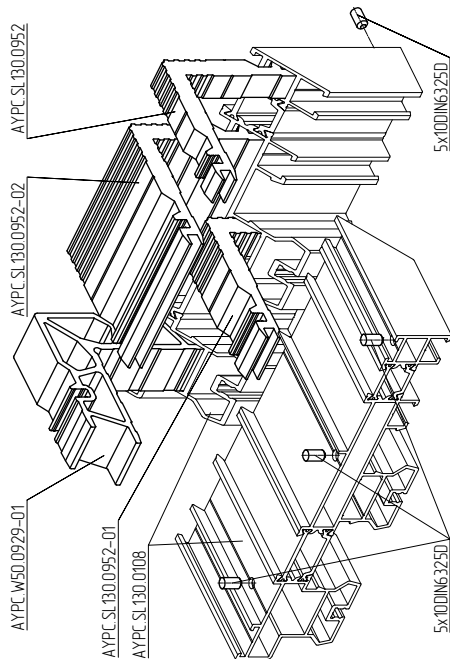
Corner connection of A YPC SL130.0102 frame profiles



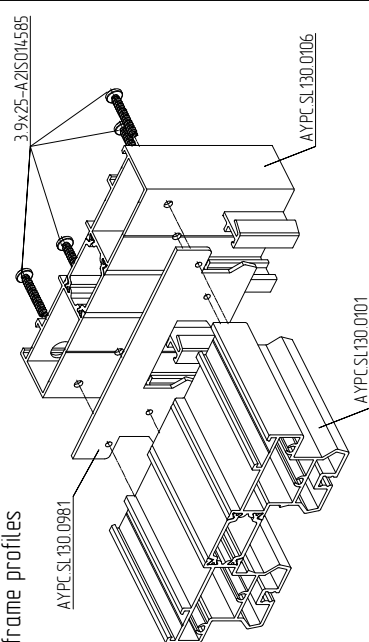
Corner connection of A YPC SL130.0104 frame profiles



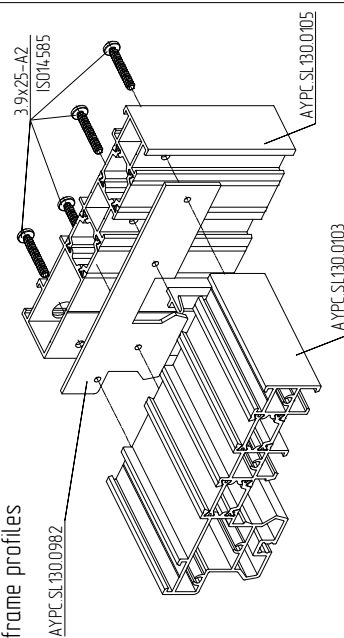
Corner connection of A YPC SL130.0108 frame profiles



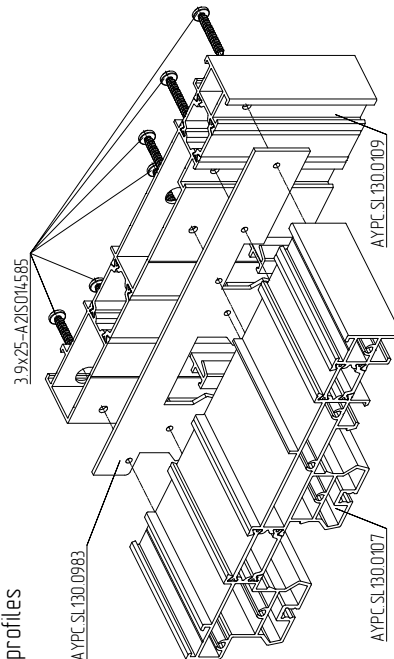
Corner connection of A YPC SL130.0101 and A YPC SL130.0106 frame profiles



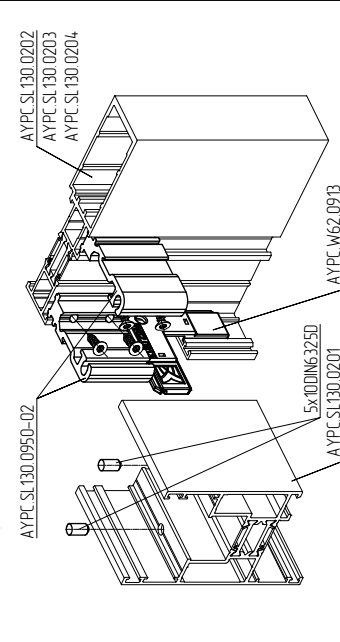
Corner connection of A YPC SL130.0103 and A YPC SL130.0105 frame profiles



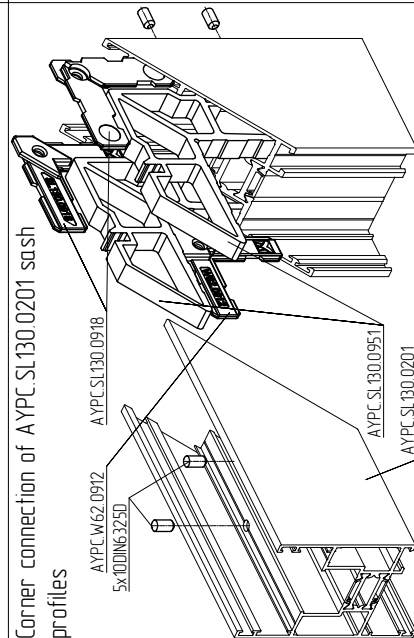
Corner connection of A YPC SL130.0107 and A YPC SL130.0109 frame profiles



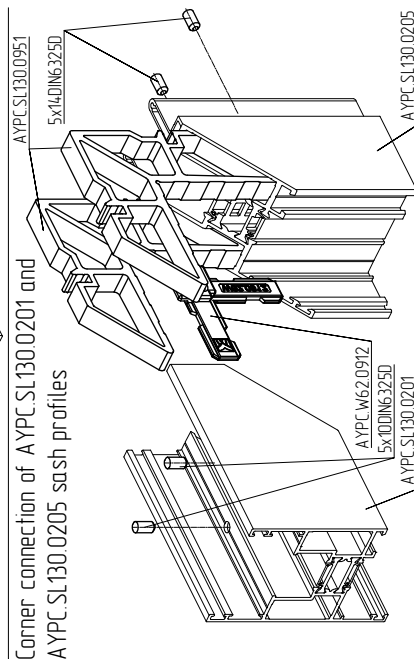
Corner connection of A YPC SL130.0201 and A YPC SL130.0202 (0203, 0204) sash profiles



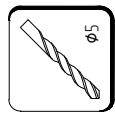
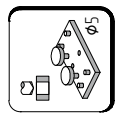
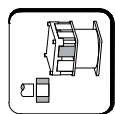
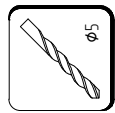
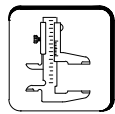
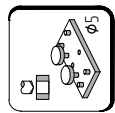
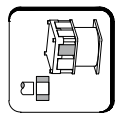
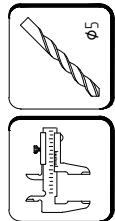
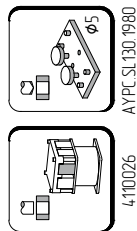
Corner connection of A YPC SL130.0201 sash profiles



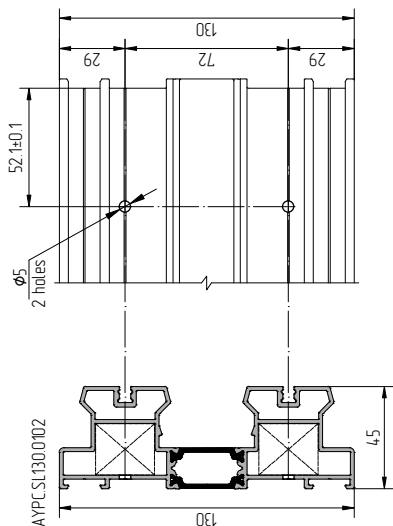
Corner connection of A YPC SL130.0201 and A YPC SL130.0205 sash profiles



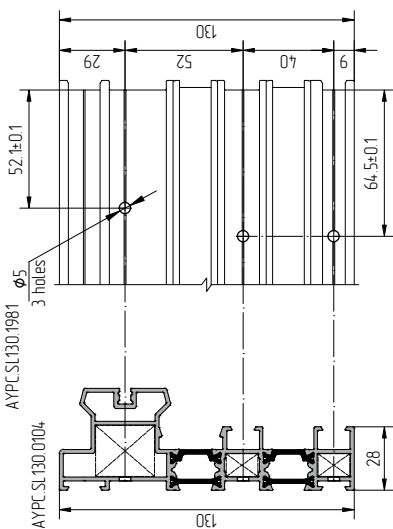
Frame profile machining for corner connection by pinning



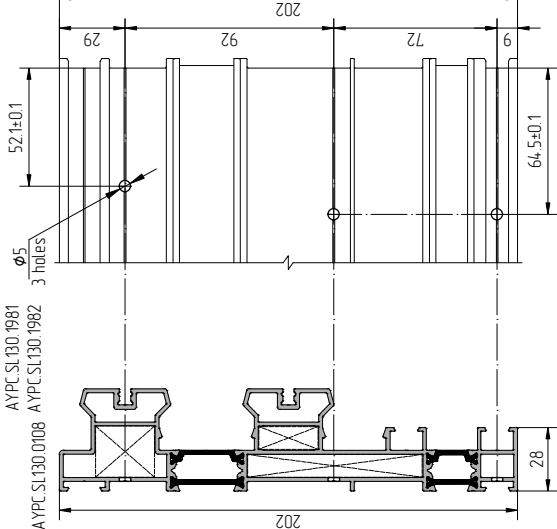
AYPC SL130 0102



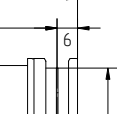
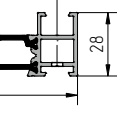
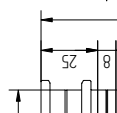
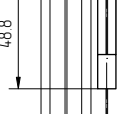
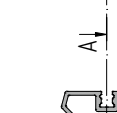
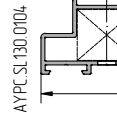
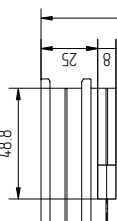
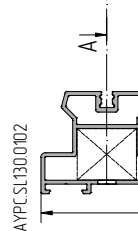
AYPC SL130 0104



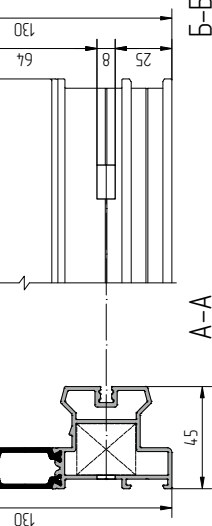
AYPC SL130 0108



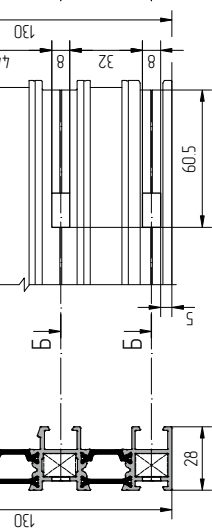
Frame profile machining for corner connection by clamping



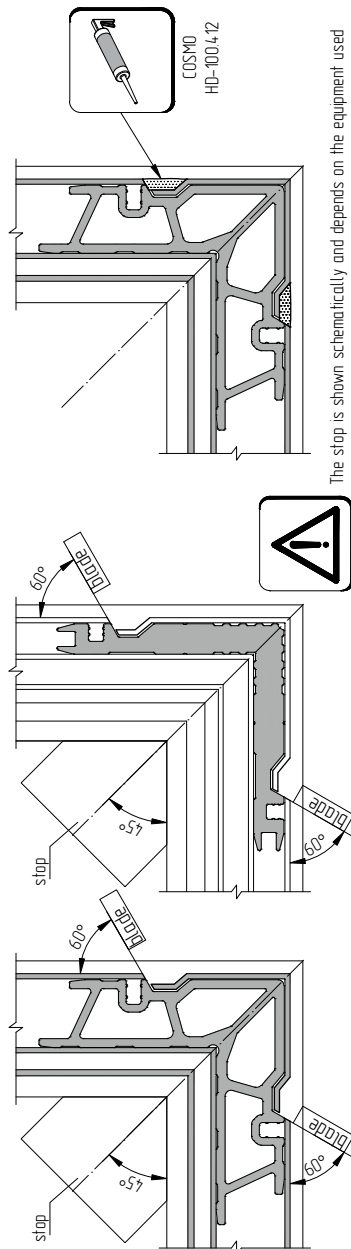
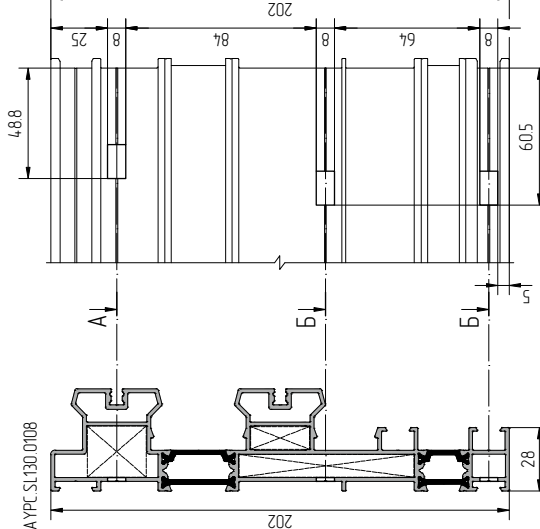
AYPC SL130 0102



AYPC SL130 0104



AYPC SL130 0108



Technical drawing of an extruded aluminum profile, showing two views: a top view and a bottom view.

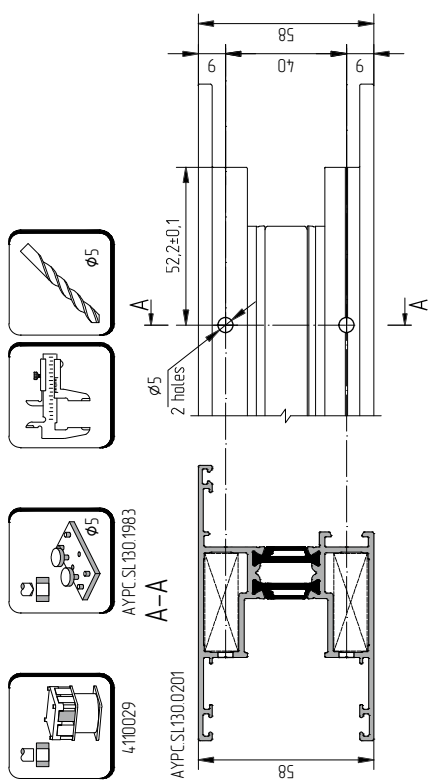
Top View Dimensions:

- Overall width: 100 mm
- Overall height: 45 mm
- Distance from left edge to first hole center: 38 mm
- Distance between hole centers: 54 mm
- Distance from last hole center to right edge: 38 mm
- Hole diameter: $\varnothing 8$
- Number of holes: 4

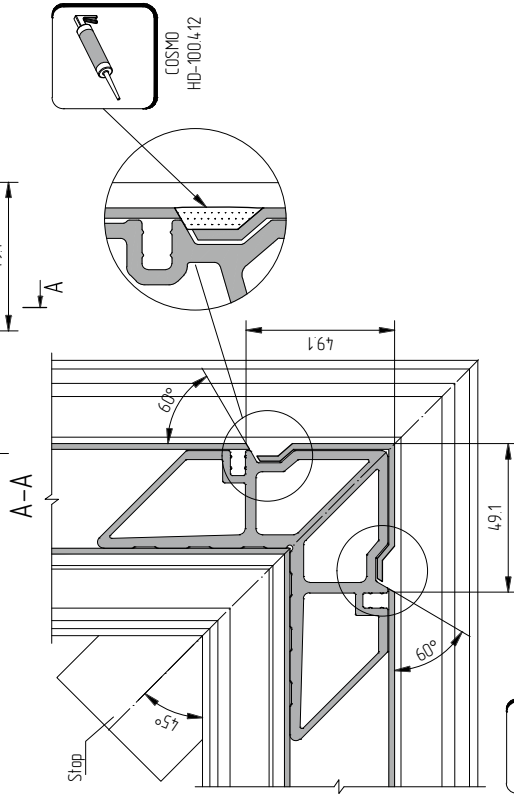
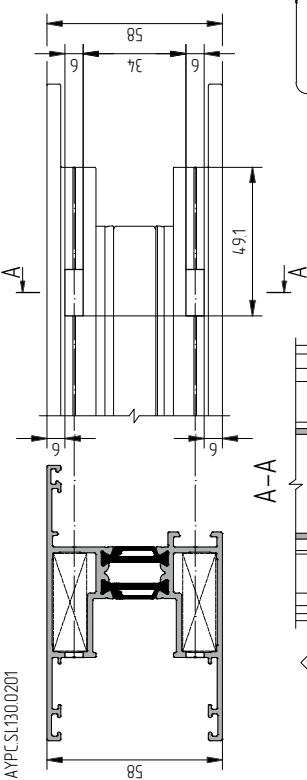
Bottom View:

- Shows the internal structure of the profile, including a central cavity and a break line indicating a continuation of the profile.
- Overall height: 45 mm

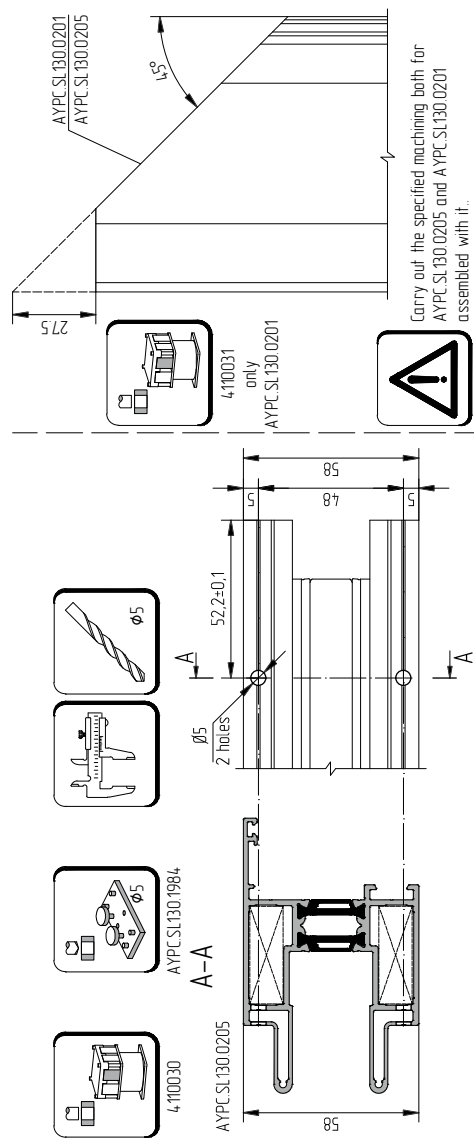
Frame profile machining for corner connection by pinning



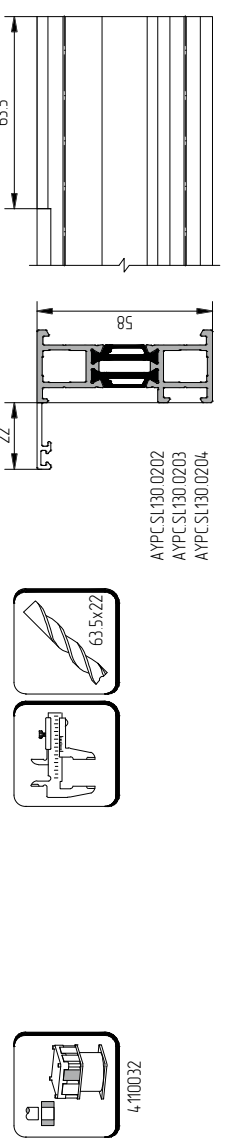
Frame profile machining for corner connection by clamping



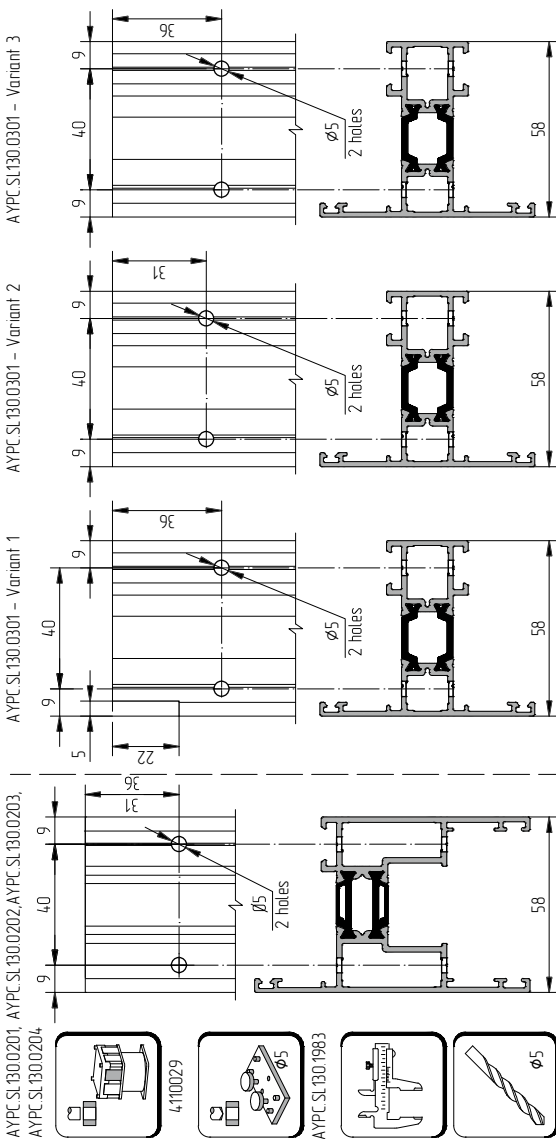
The stop is shown schematically and depends on the equipment used



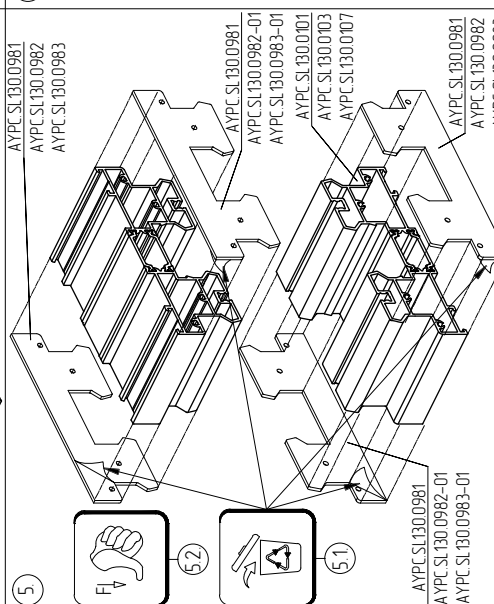
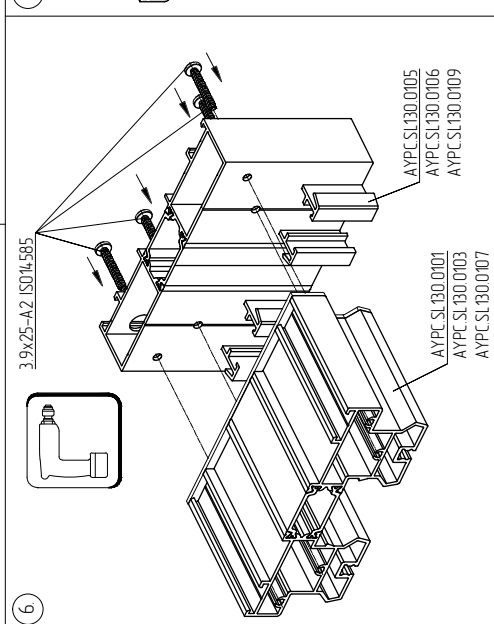
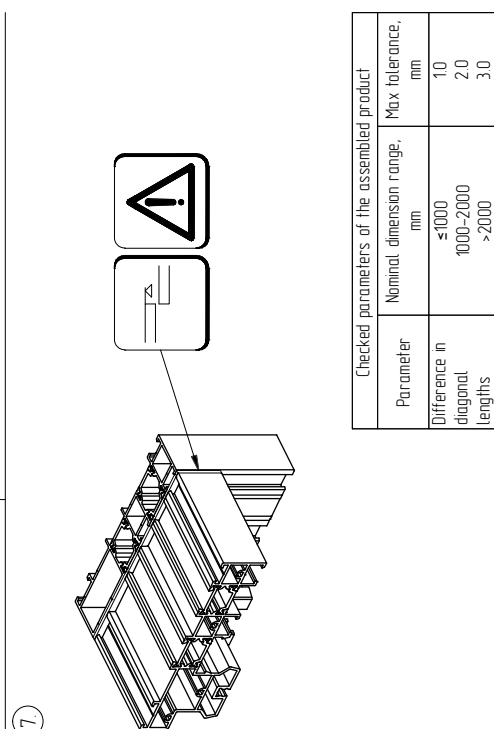
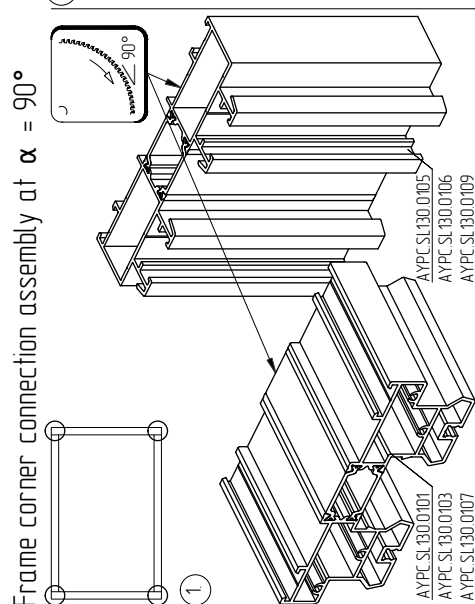
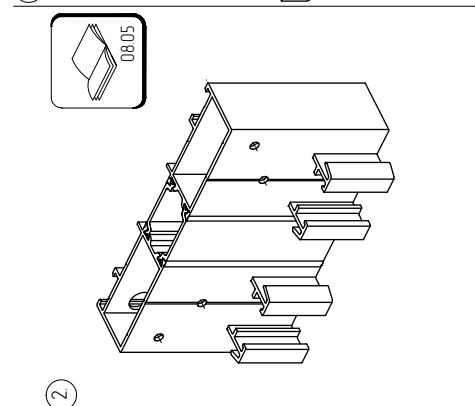
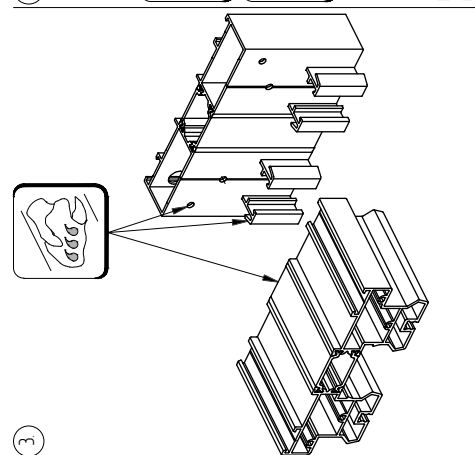
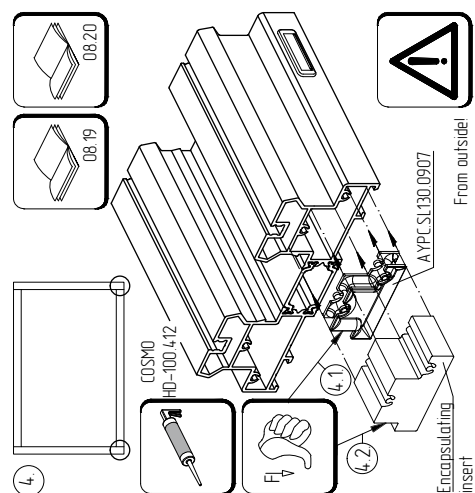
Profile machining for corner connection at $\alpha = 90^\circ$



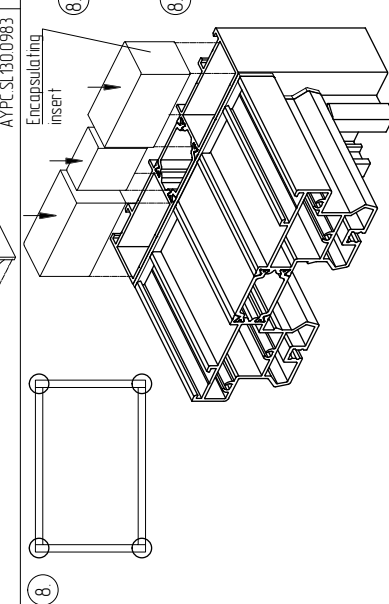
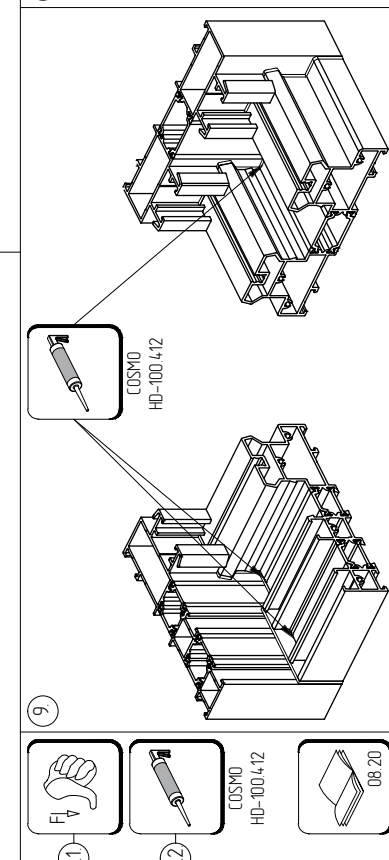
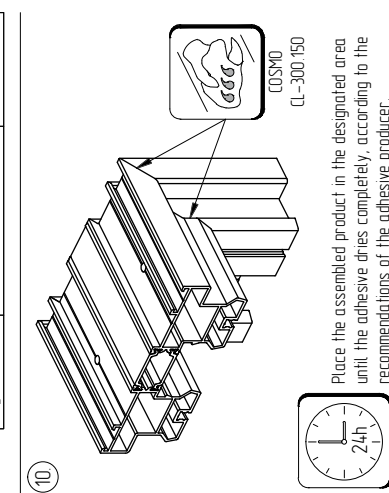
Profile machining for transom connection



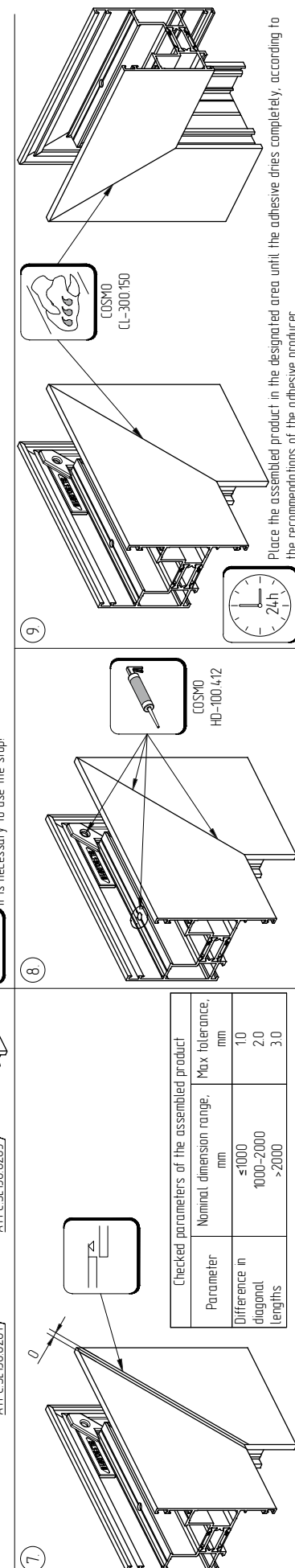
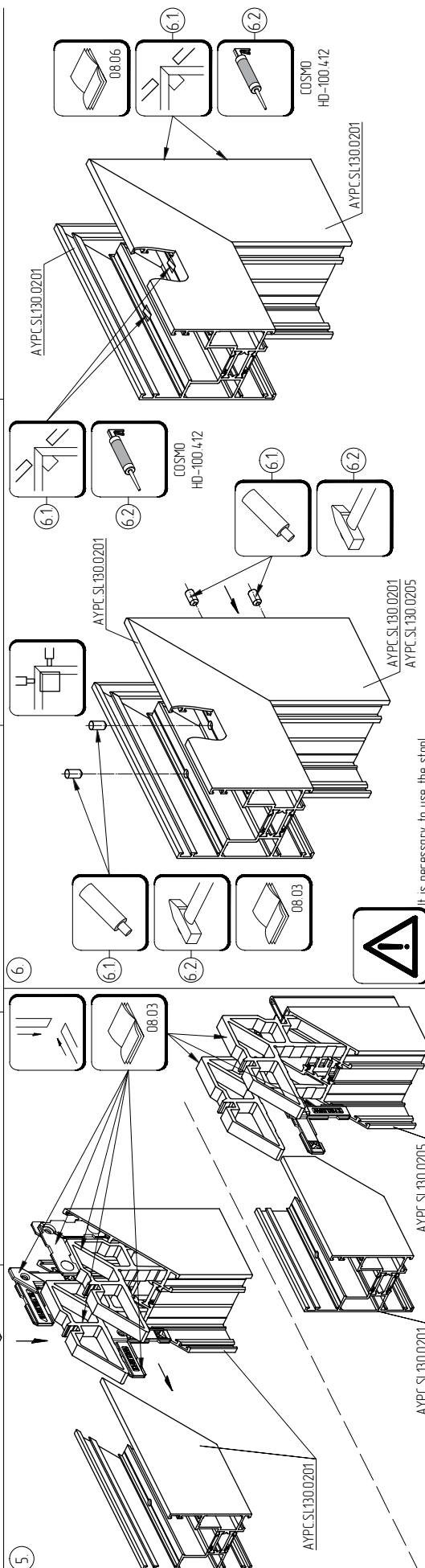
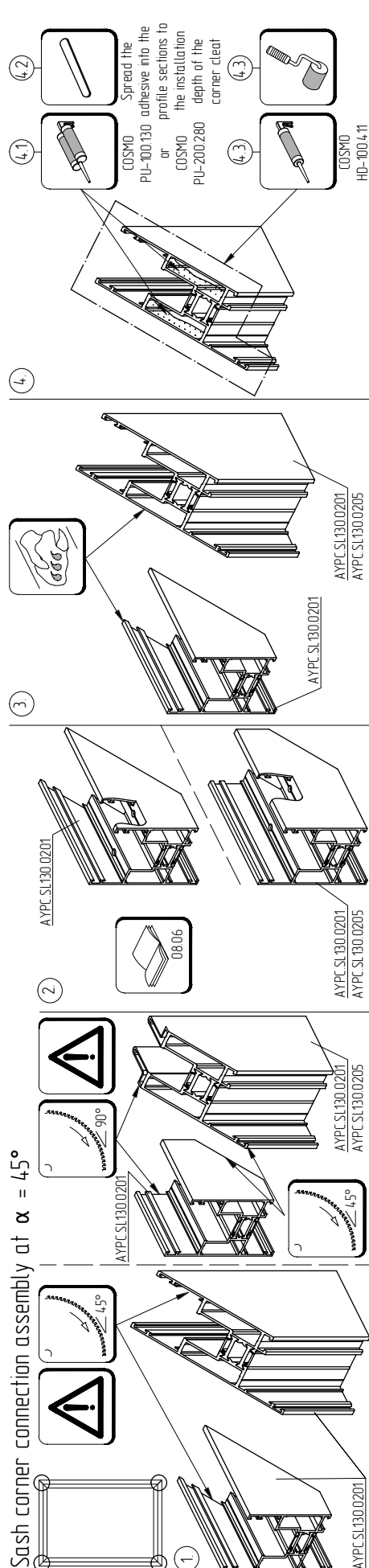
Checked parameters of the assembled product		
Parameter	Nominal dimension range, mm	Max tolerance, mm
Difference in diagonal lengths	≤1000	10
	1000–2000	20
	>2000	30



Checked parameters of the assembled product		
Parameter	Nominal dimension range, mm	Max tolerance, mm
Difference in diagonal lengths	≤1000 1000-2000 >2000	10 2.0 3.0



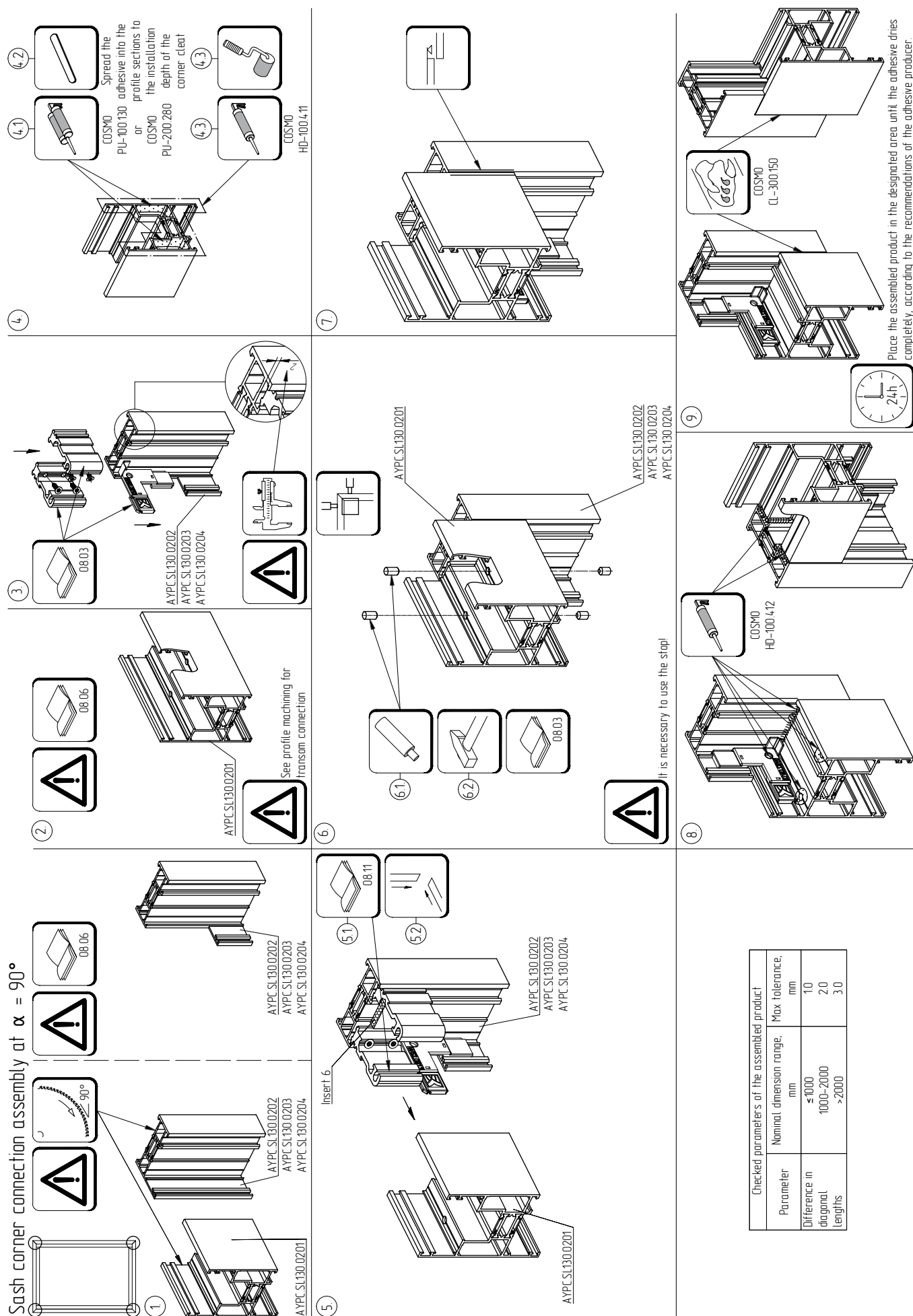
Sash corner connection assembly at $\alpha = 45^\circ$



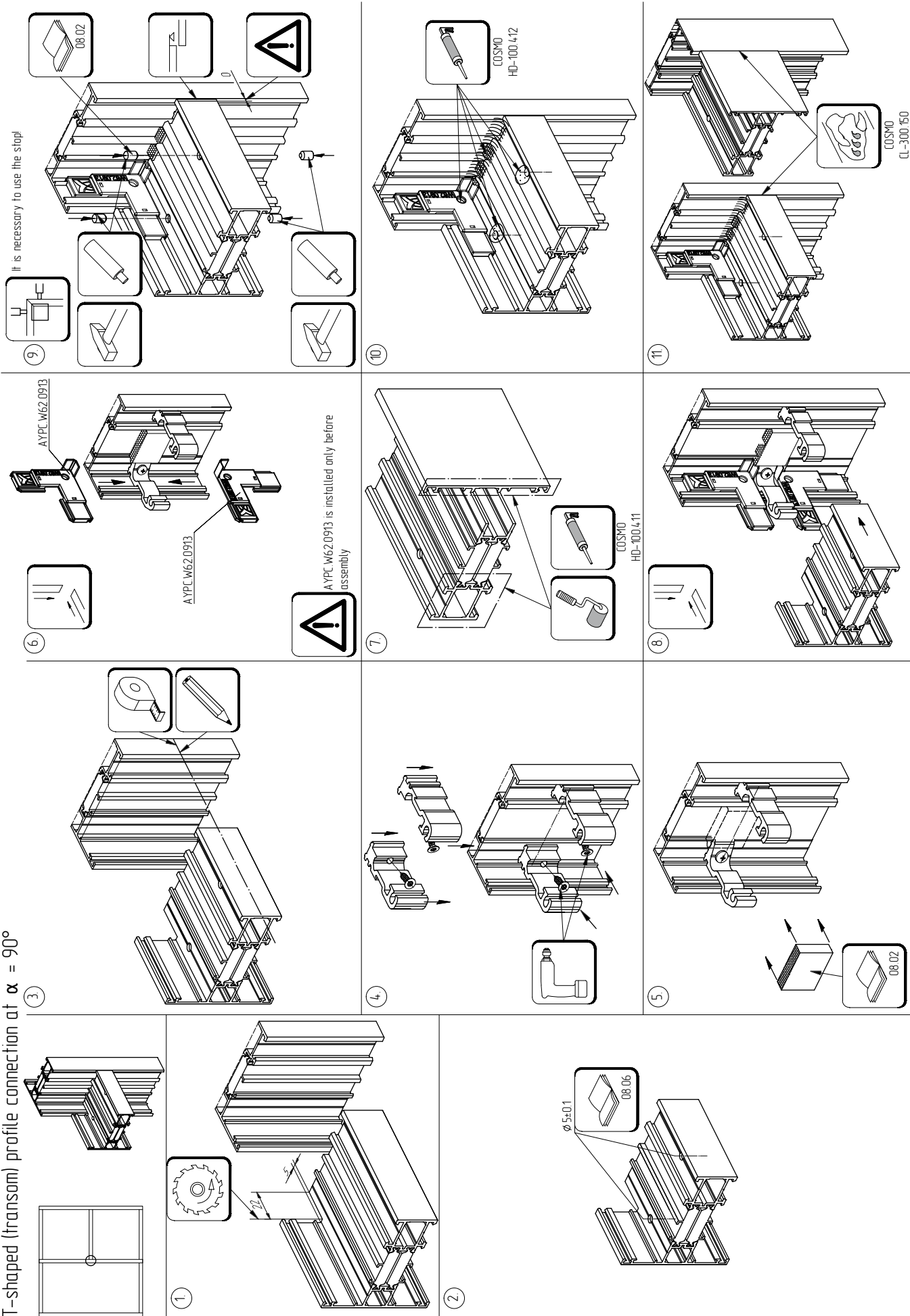
Place the assembled product in the designated area until the adhesive dries completely, according to the recommendations of the adhesive producer.



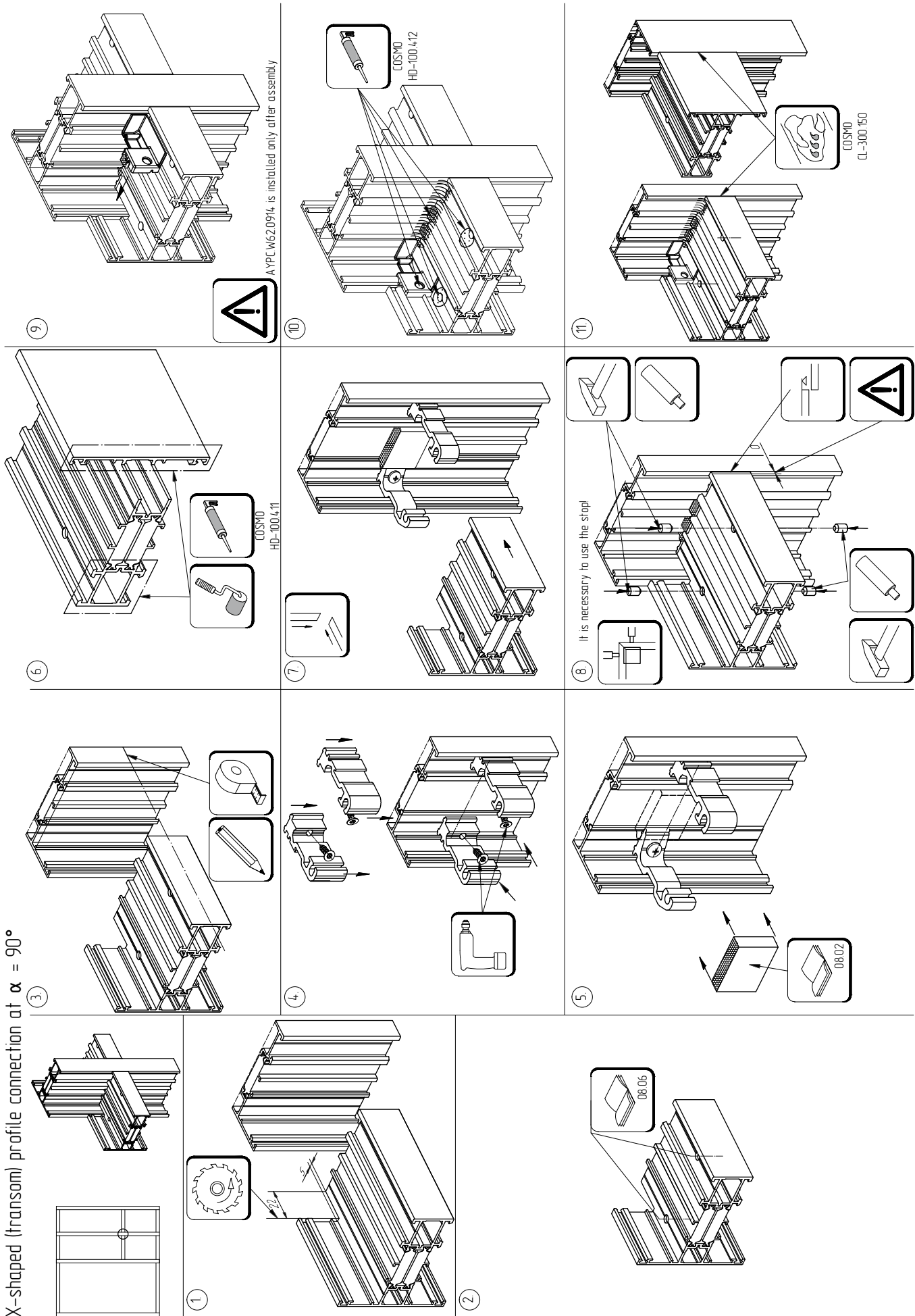
Checked parameters of the assembled product		
Parameter	Nominal dimension range, mm	Max tolerance, mm
Difference in diagonal lengths	≤ 1000	10
	1000-2000	20
	> 2000	30

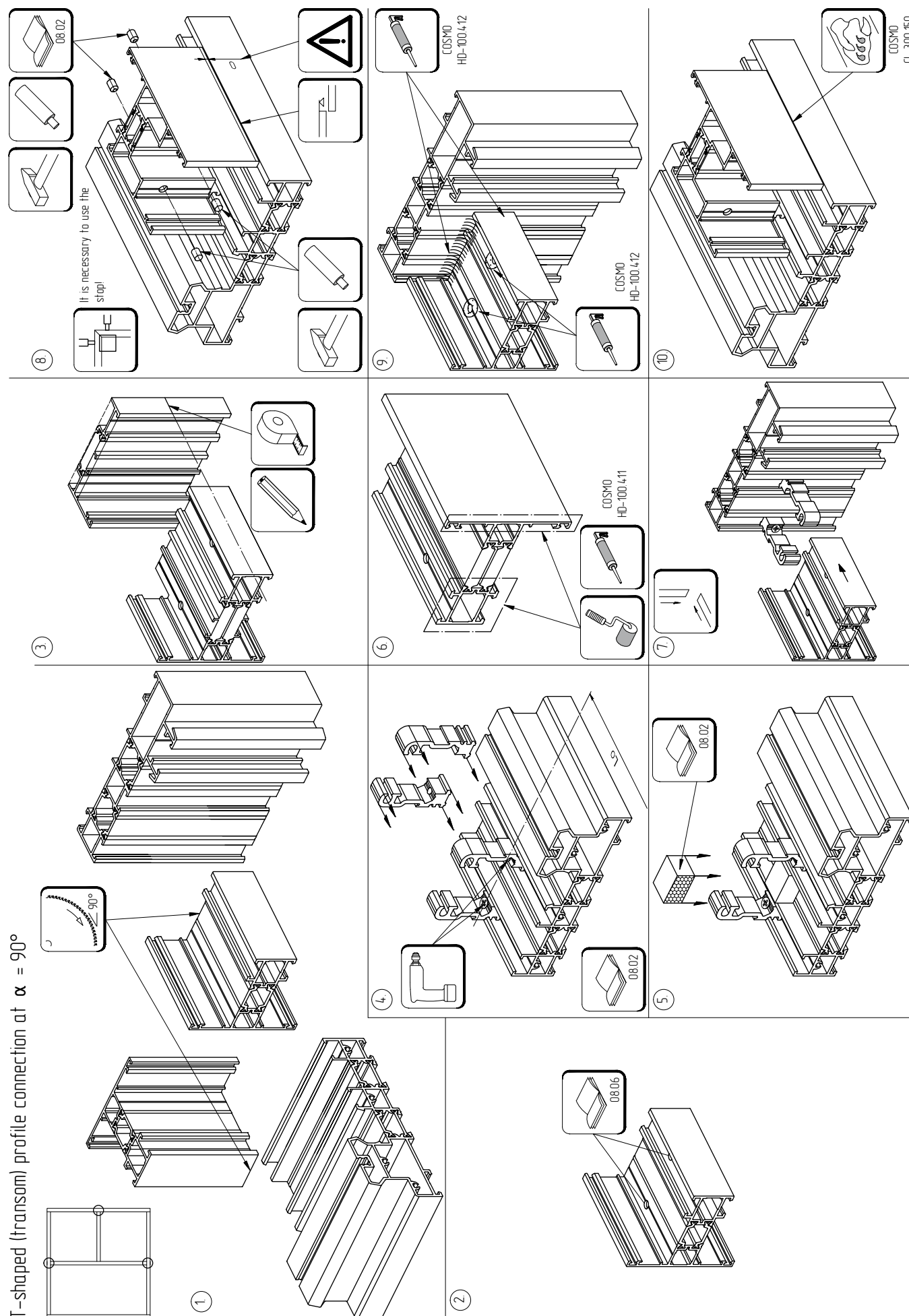


T-shaped (transom) profile connection at $\alpha = 90^\circ$

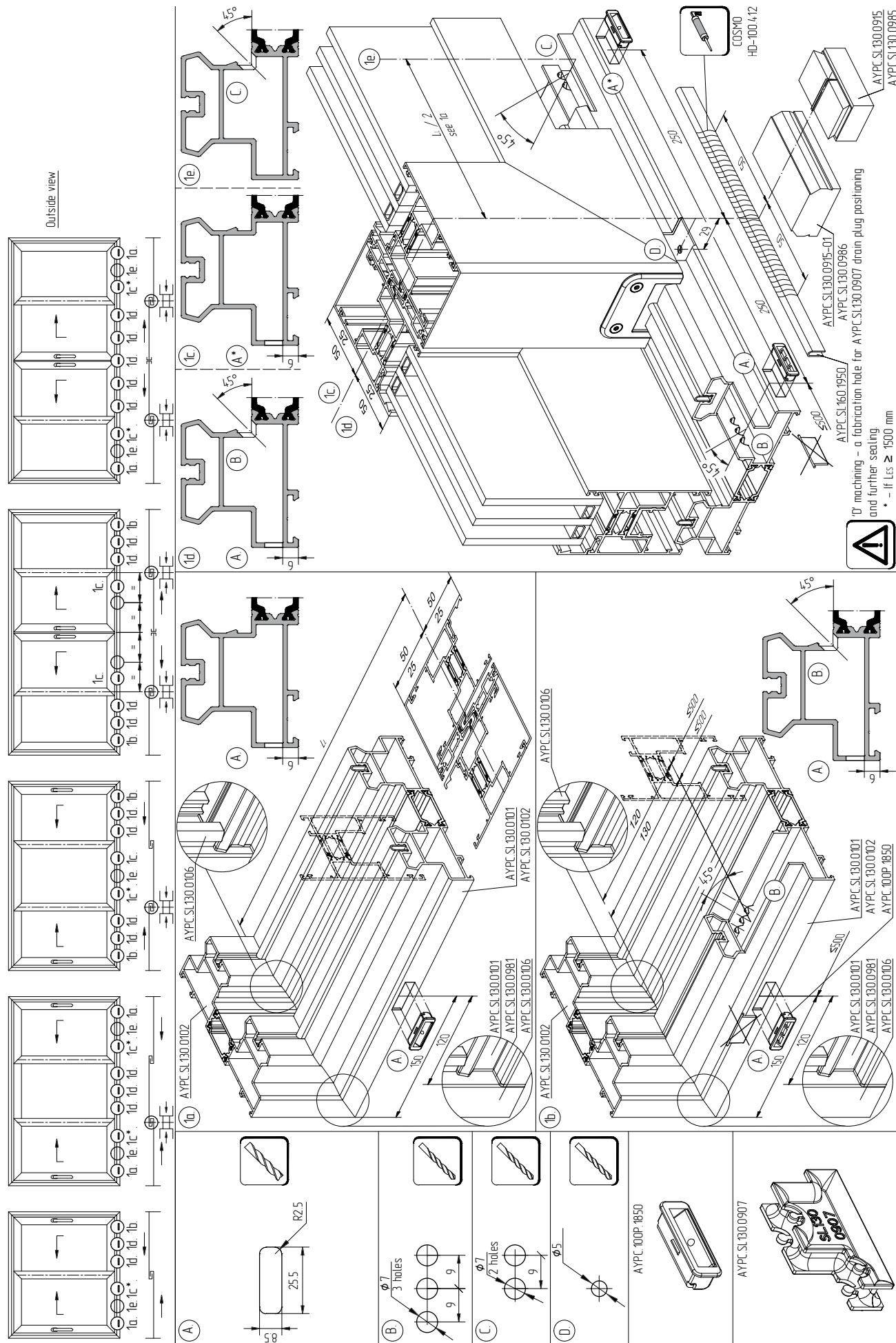


X-shaped (transom) profile connection at $\alpha = 90^\circ$

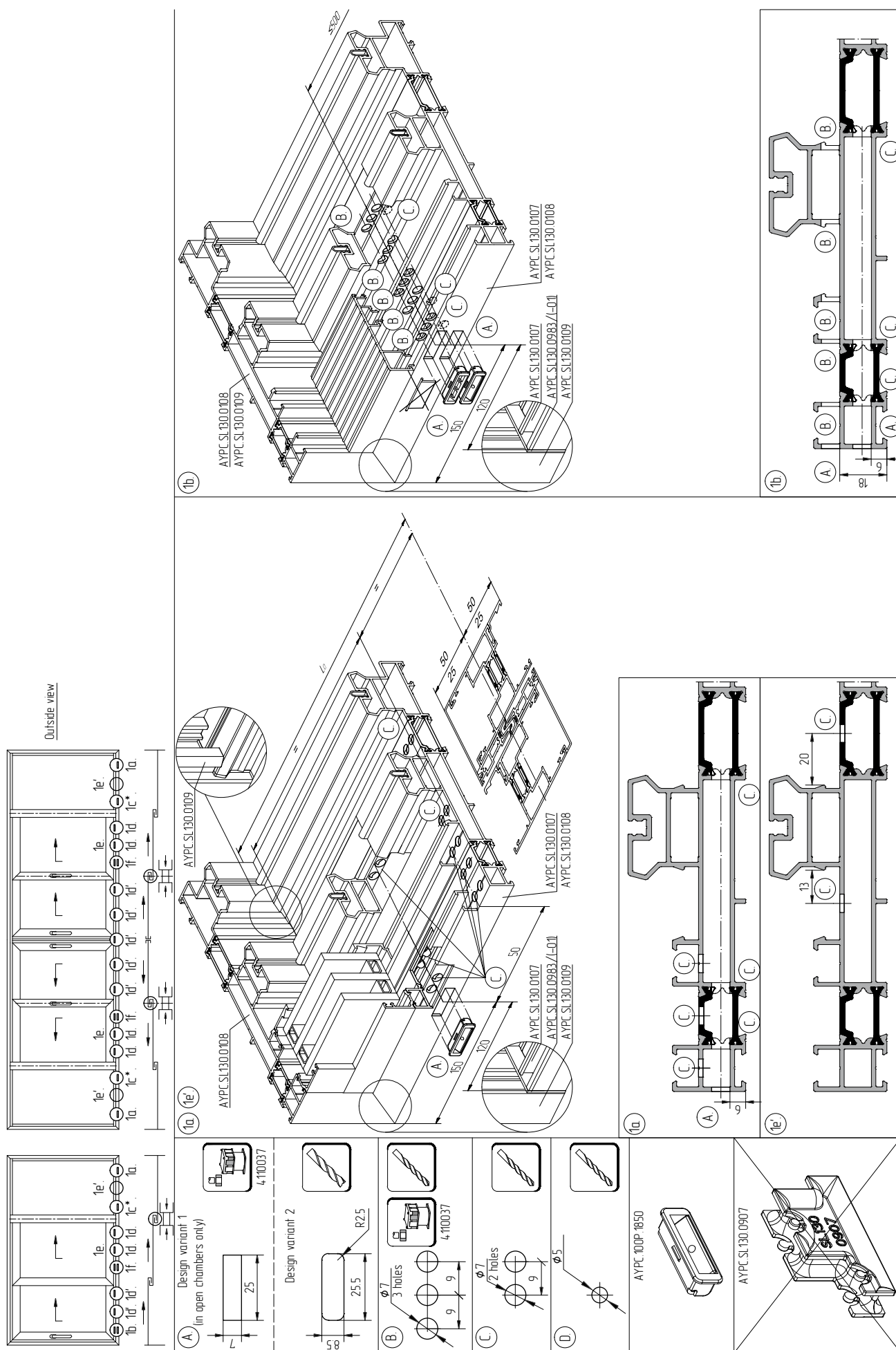




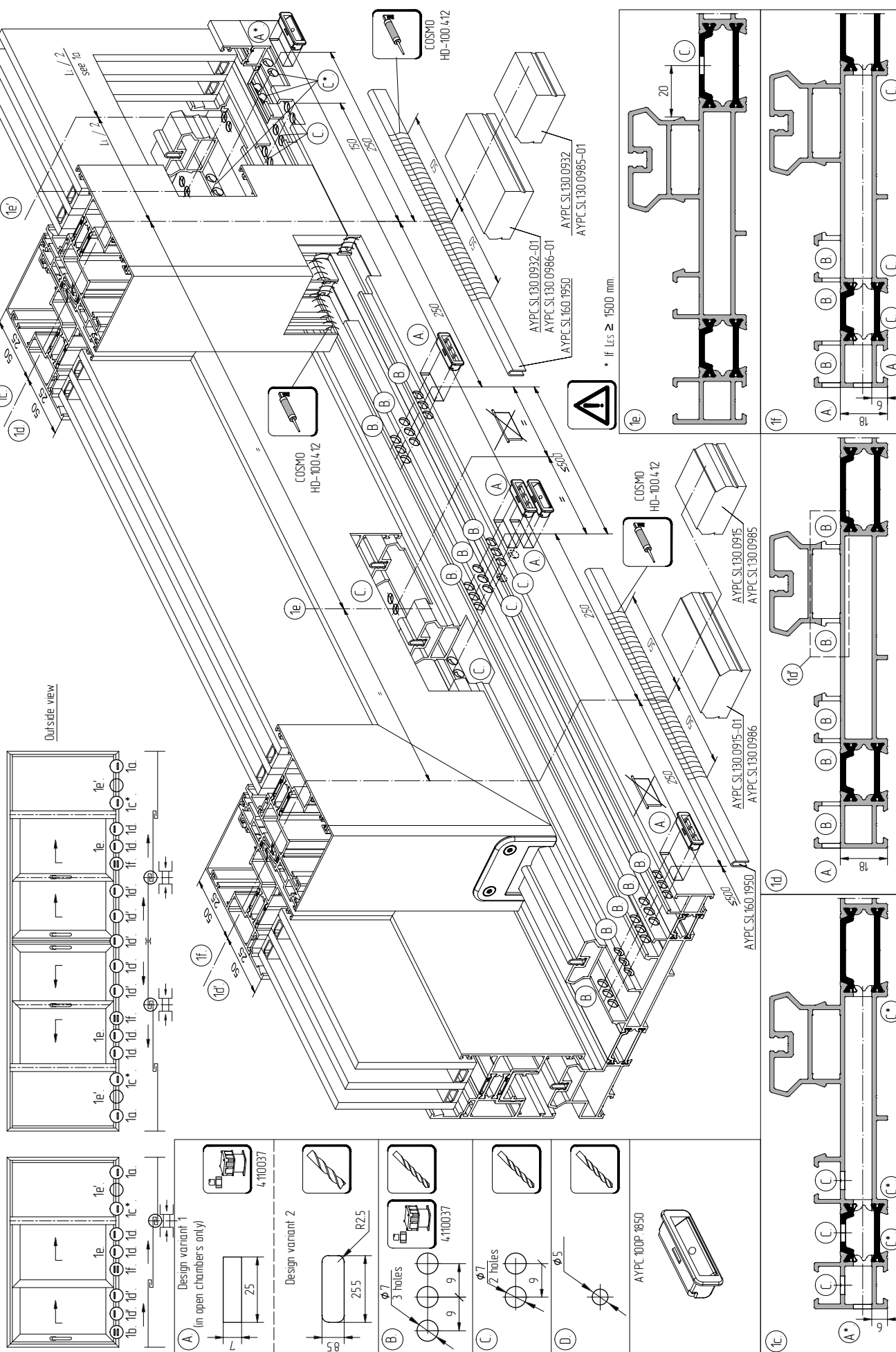
Machining of drain holes in AYPC SL130.0101 and AYPC SL130.0102 frame profiles.



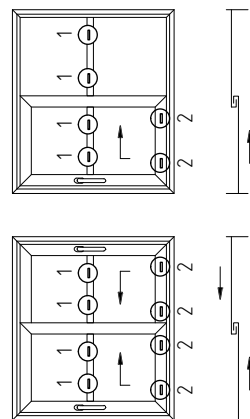
Machining of drain holes in AYPC.SL130.0107 and AYPC.SL130.0108 frame profiles.



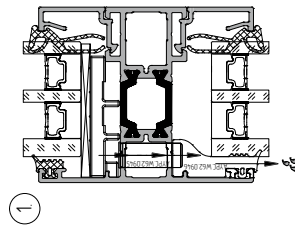
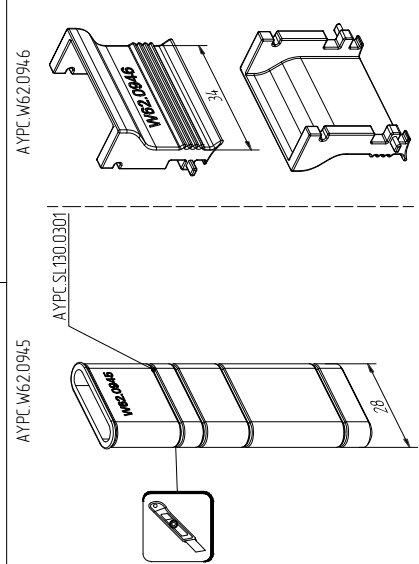
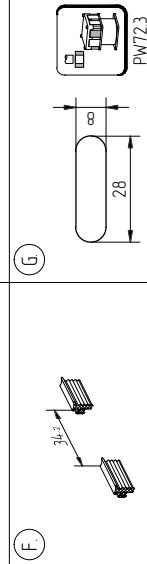
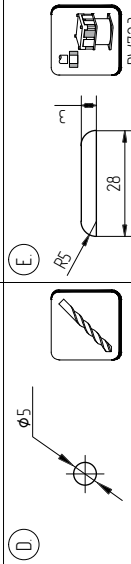
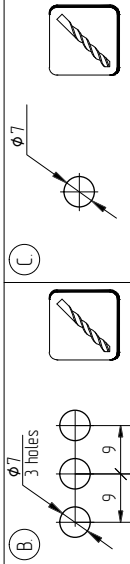
Machining of drain holes in AYPC.SL130.0107 and AYPC.SL130.0108 frame profiles.



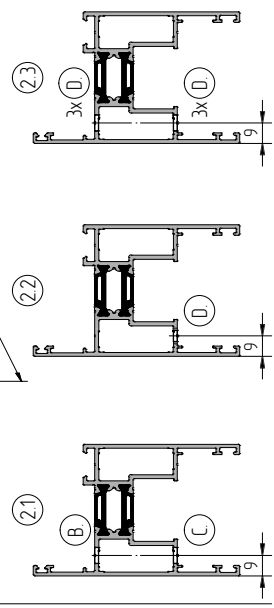
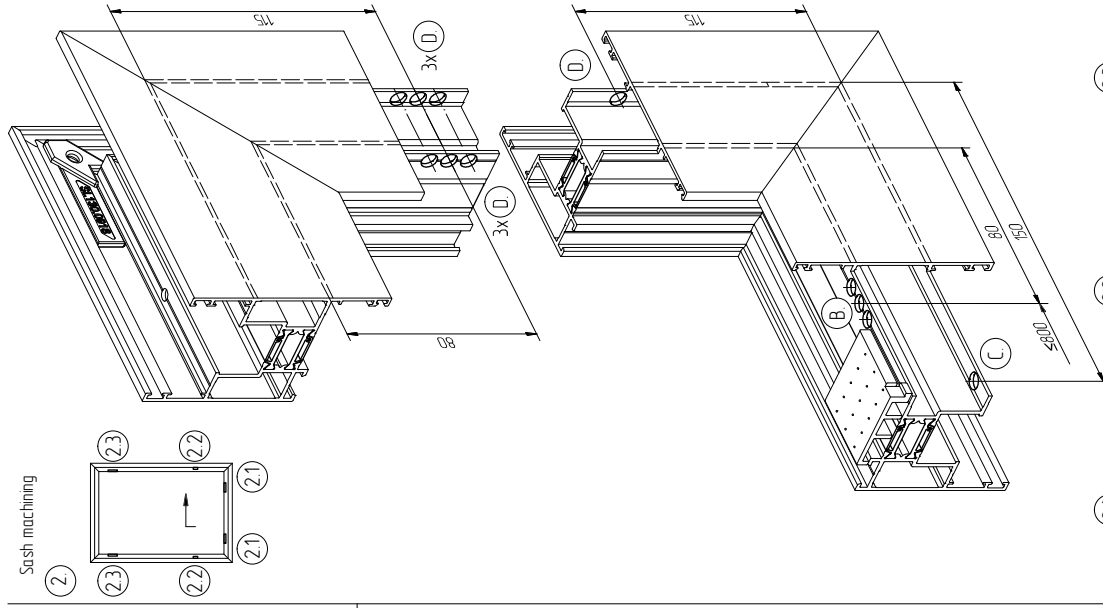
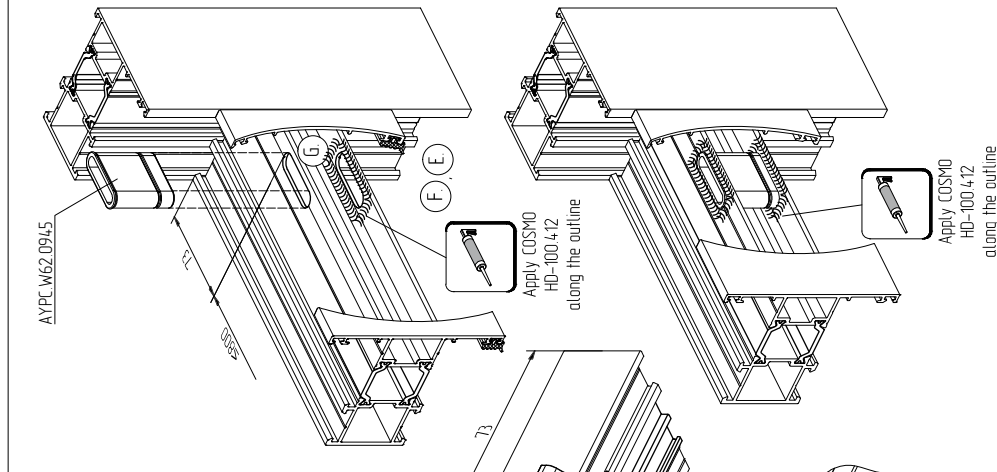
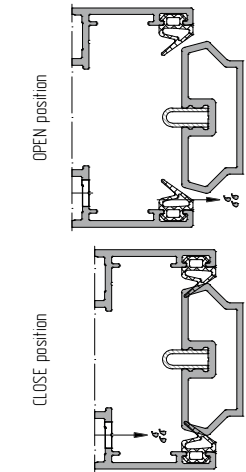
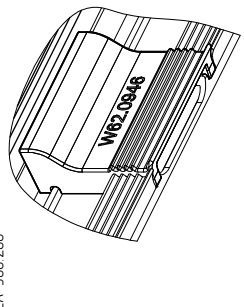
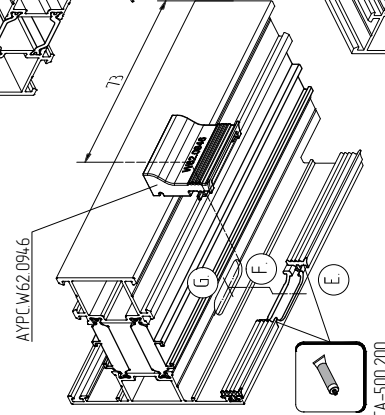
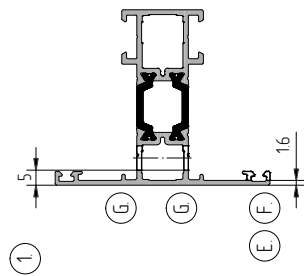
Machining of ventilation and drain holes in profiles. Concealed drainage system.

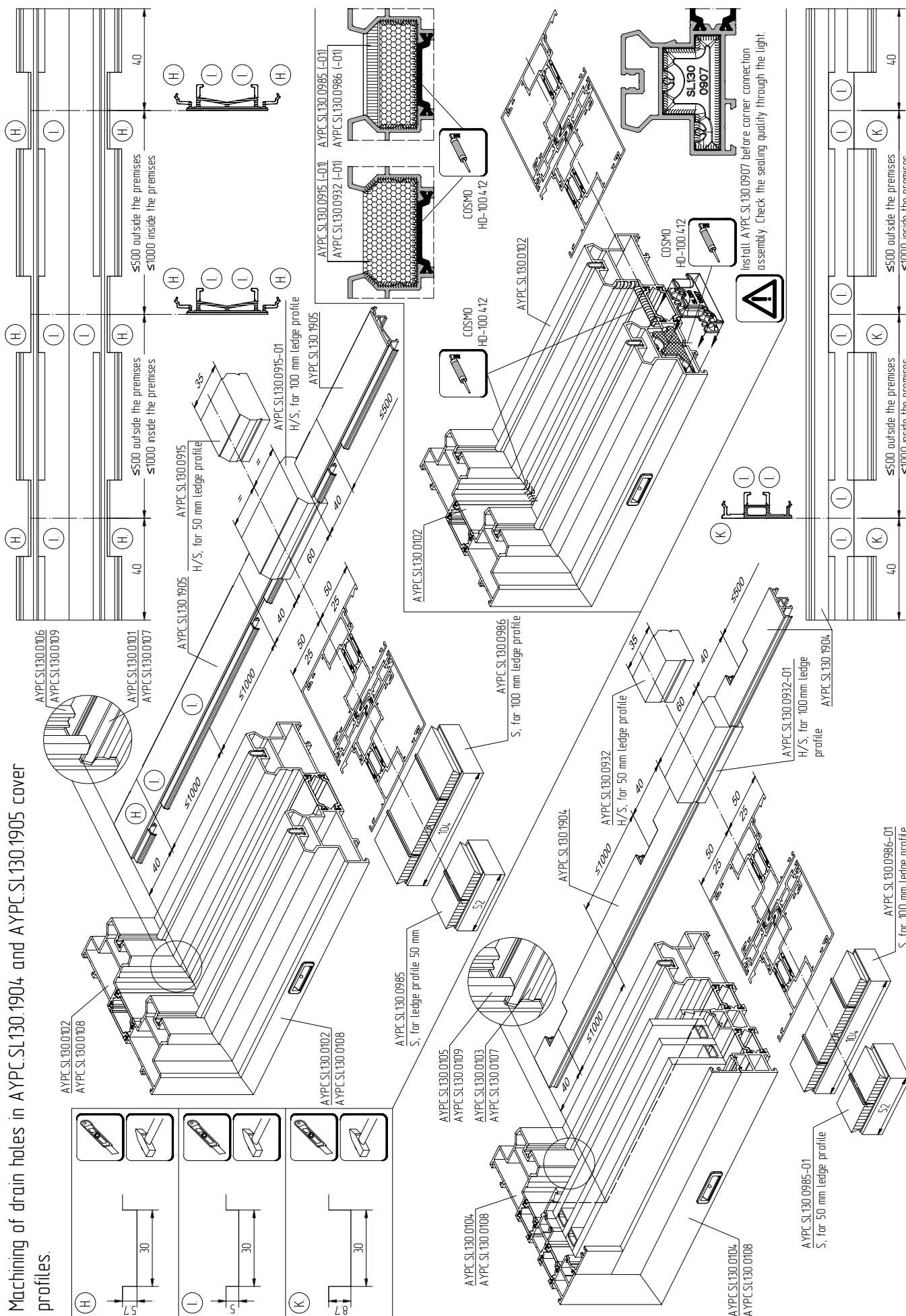


⚠ Do not change (reduce) the size of the drain and ventilation holes in the profiles and accessories!
Drainage and ventilation systems may be impaired



Machining of transom bar profiles

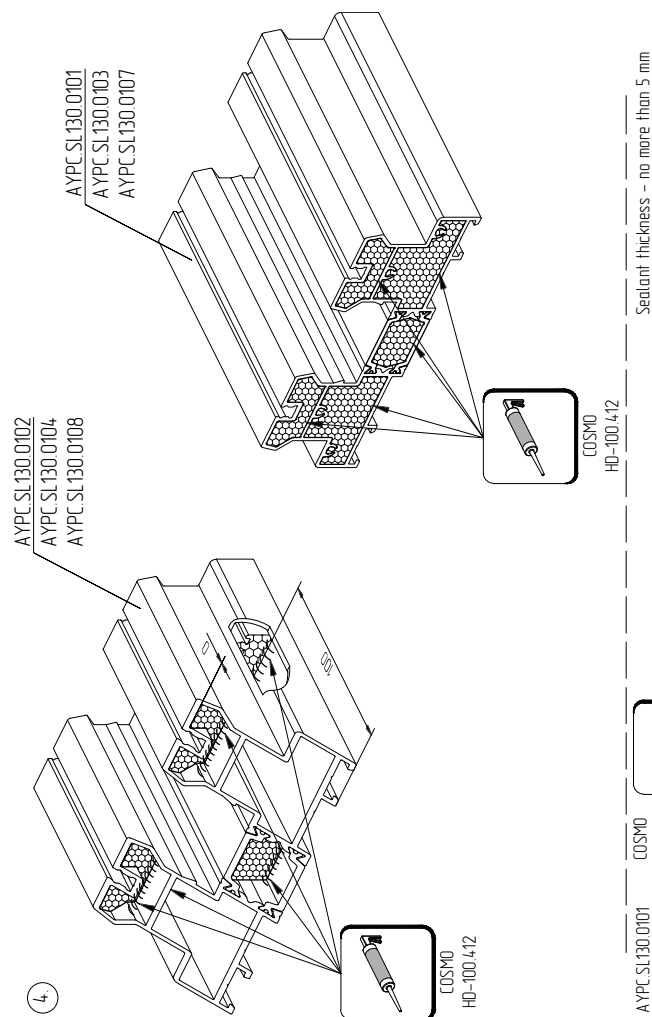
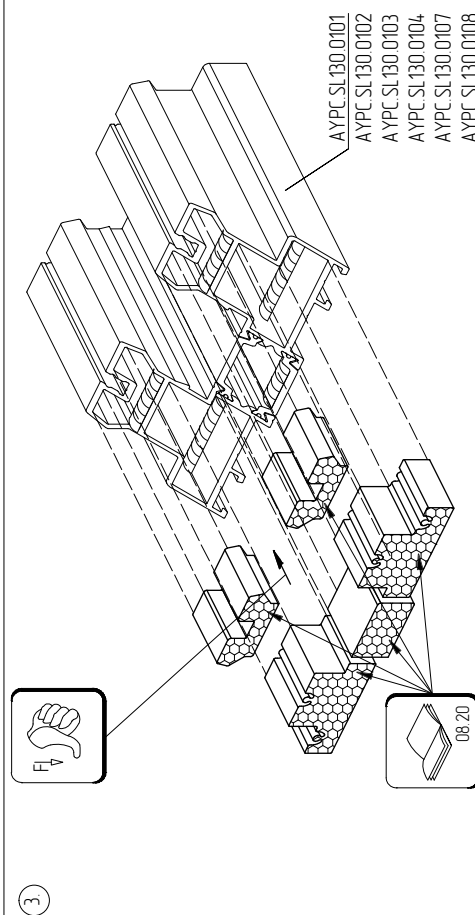
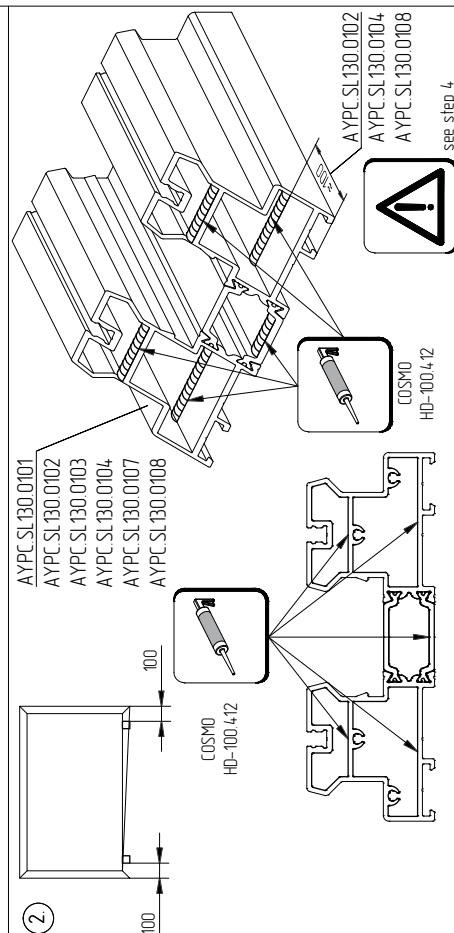
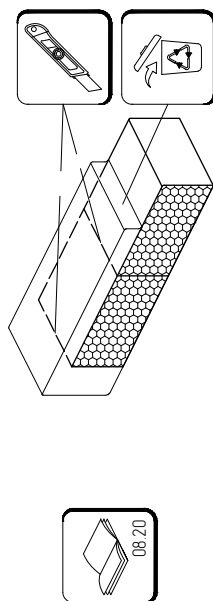




Patio systems | **ALUTECH SL130**

Subsequent for sealing of bottom frame profile

1 Preparation of encapsulating inserts.



Sealant thickness – no more than 5 mm

COSMO
HD-100.412

AYPC.SL130.0101
AYPC.SL130.0102

Sealant thickness – no more than 5 mm

COSMO
HD-100.412

AYPC.SL130.0103
AYPC.SL130.0104

Sealant thickness – no more than 5 mm

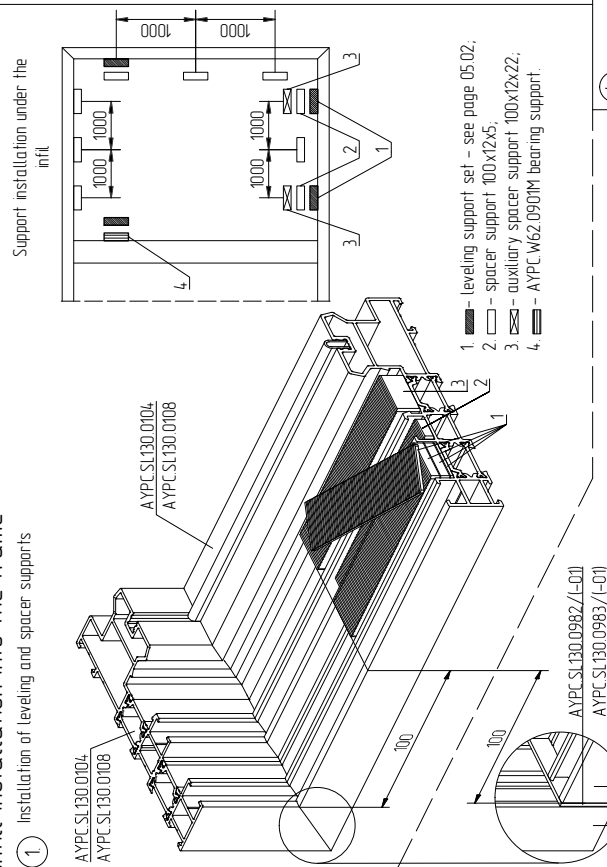
COSMO
HD-100.412

AYPC.SL130.0107
AYPC.SL130.0108

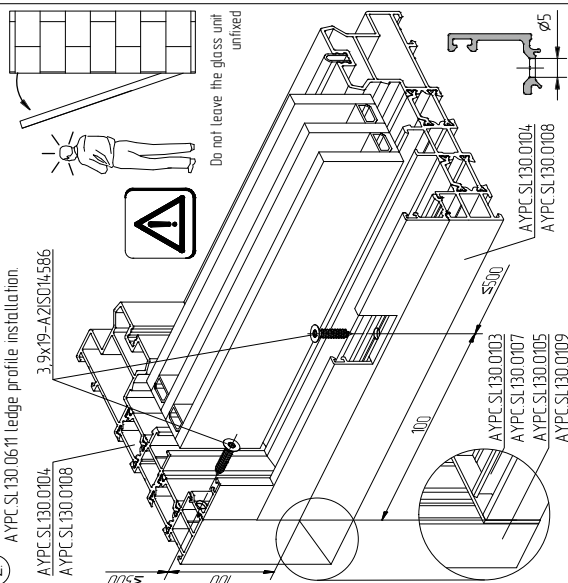
Infill installation into the frame

1

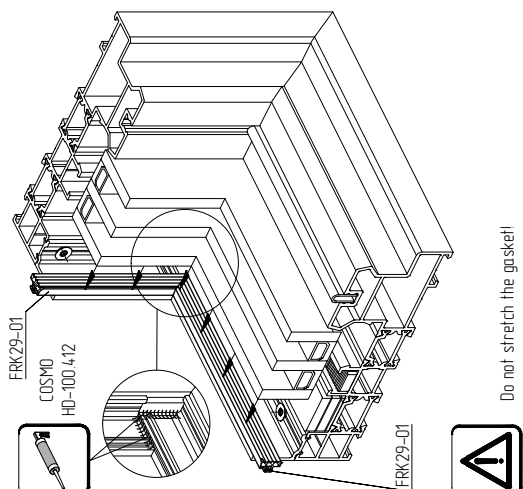
Installation of leveling and spacer supports



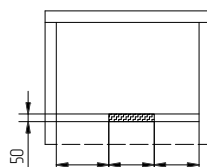
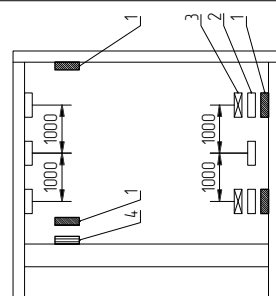
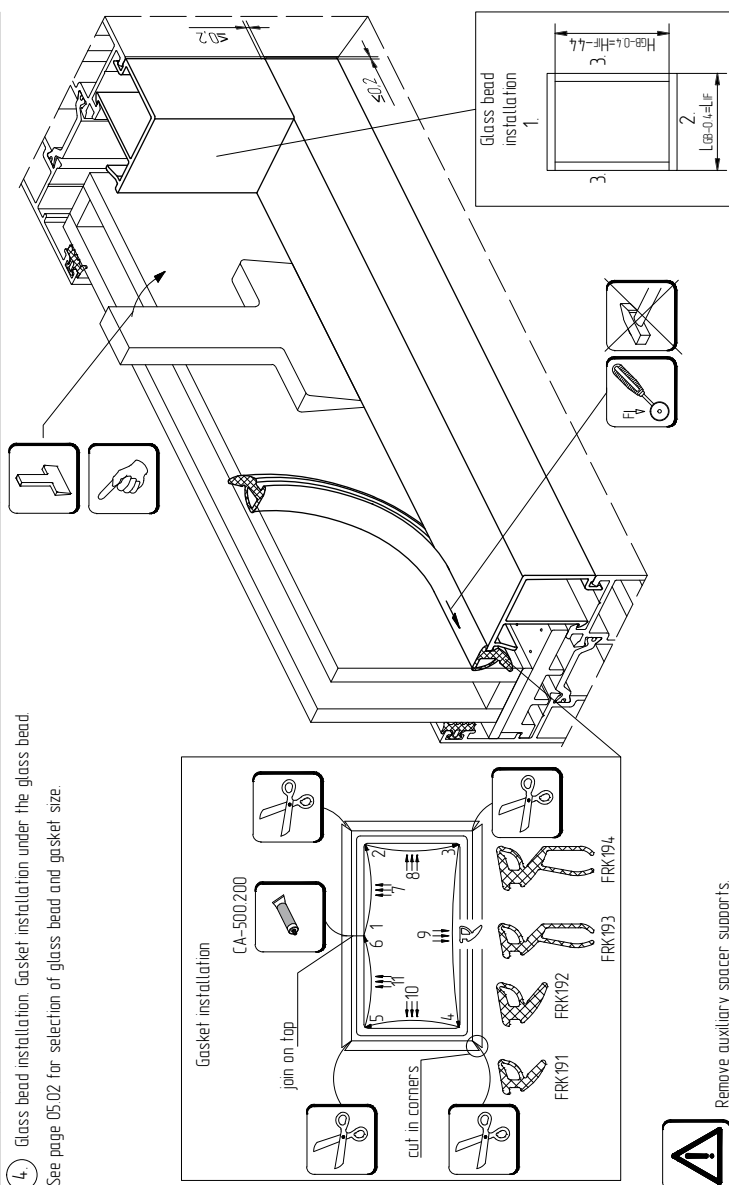
2 Installation of glass unit into intermediate position.
AYPC SL130.0611 edge profile installation



3 Installation of FRK29-01 gasket. For installation variants see page 08.24-25.
Glass unit installation into permanent position.



4 Glass bead installation. Gasket installation under the glass bead
See page 05.02 for selection of glass bead and gasket size.

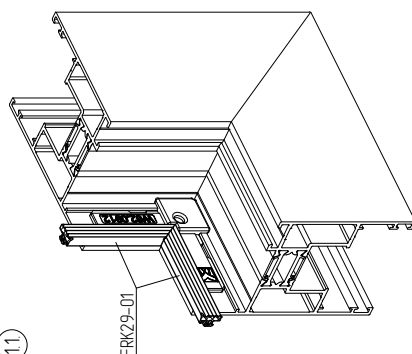


Manufacturer	Structural Sealant	Primer	Cleaner
Dow Corning	DC 993 DC 895	1200 OS Primer Primer C OS	R40 Cleaner P Cleaner 205
Sika	Sicasil SG-20 Sicasil SG-500	Aktivator-100	-
General Electric	SSG4400 SSG4000E	-	-
KÖMMERLING	Ködinglaze S	-	-
Trenco	SG 490 SG 499	-	-

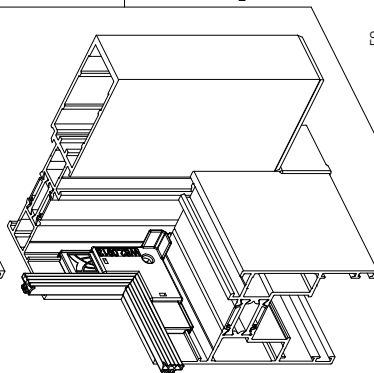
Remove auxiliary spacer supports.

Infill installation into the sash
FRK29-01 gasket installation.
For installation variants see page 08.24-25.

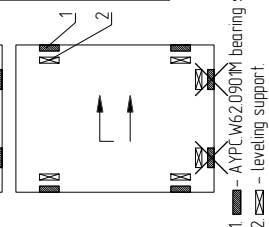
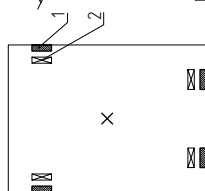
1 11



12

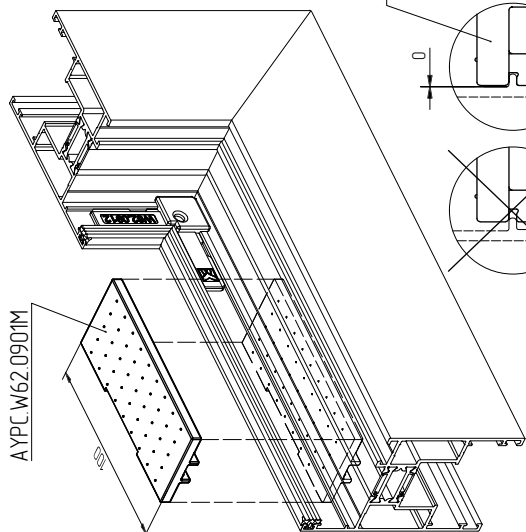


2 Bearing support installation
Support installation under the
infill

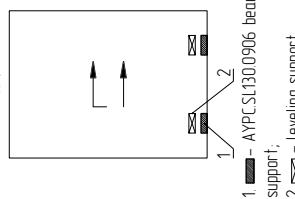


1 - AYPCL W62 0901M bearing support;
2 - leveling support.

AYPCL W62 0901M

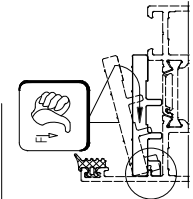


Support installation under the
infill



1 - AYPCL W62 0901M bearing support;
2 - leveling support.

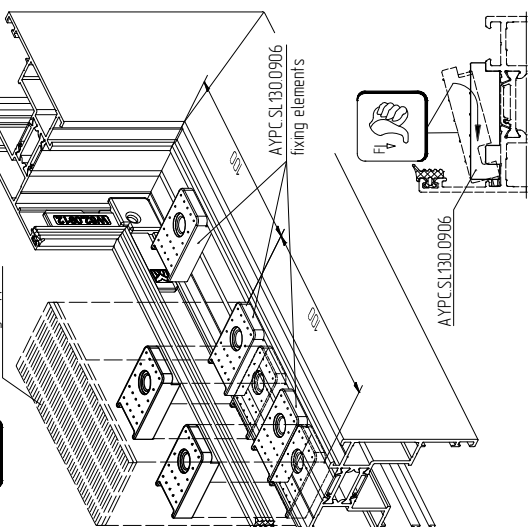
AYPCL W62 0901M



Use AYPCL SL130.0906 as bearing supports.

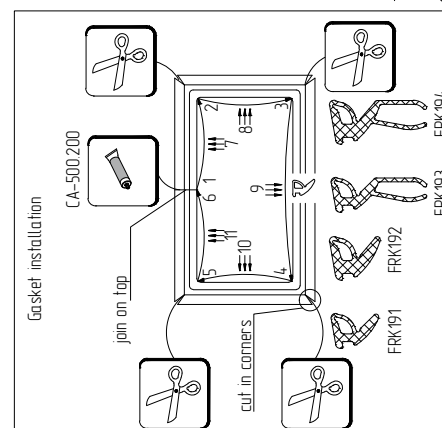
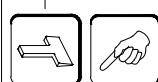


Leveling support



4 Glass bead installation. Gasket installation under the glass bead.

See page 05.02 for selection of glass bead and gasket size.



Gasket installation

CA-500.200

join on top

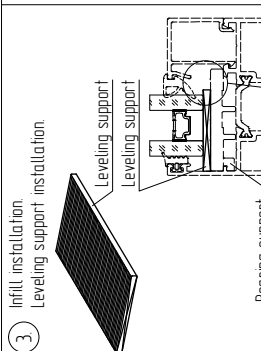
cut in corners

FRK191

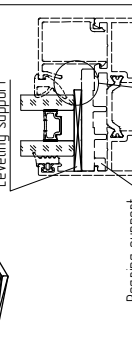
FRK192

FRK193

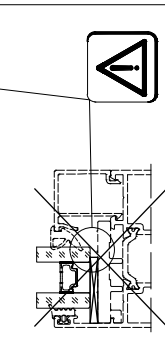
FRK194



3 Infill installation.
Leveling support installation

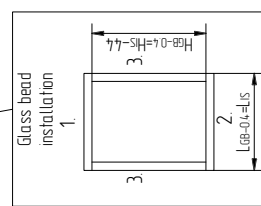
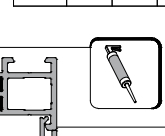
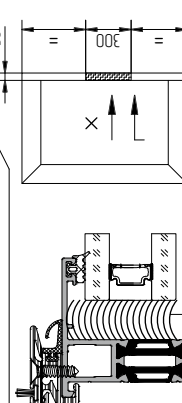


Bearing support



Manufacturer	Structural Sealant	Primer	Cleaner
Dow Corning	DC 993 DC 895	1200 OS Primer Primer C OS	R40 Cleaner P Cleaner 205
Sika	Sicasil SG-20 Sicasil SG-500	Aktivator-100	-
General Electric	SSG4400 SSG4000E	-	-
KÖMMERLING	Ködingaze S	-	-
Tremco	SG 490 SG 499	-	-

AYPCL SL130.0202
AYPCL SL130.0203
AYPCL SL130.0204

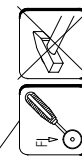


Glass bead
installation

1

2

3

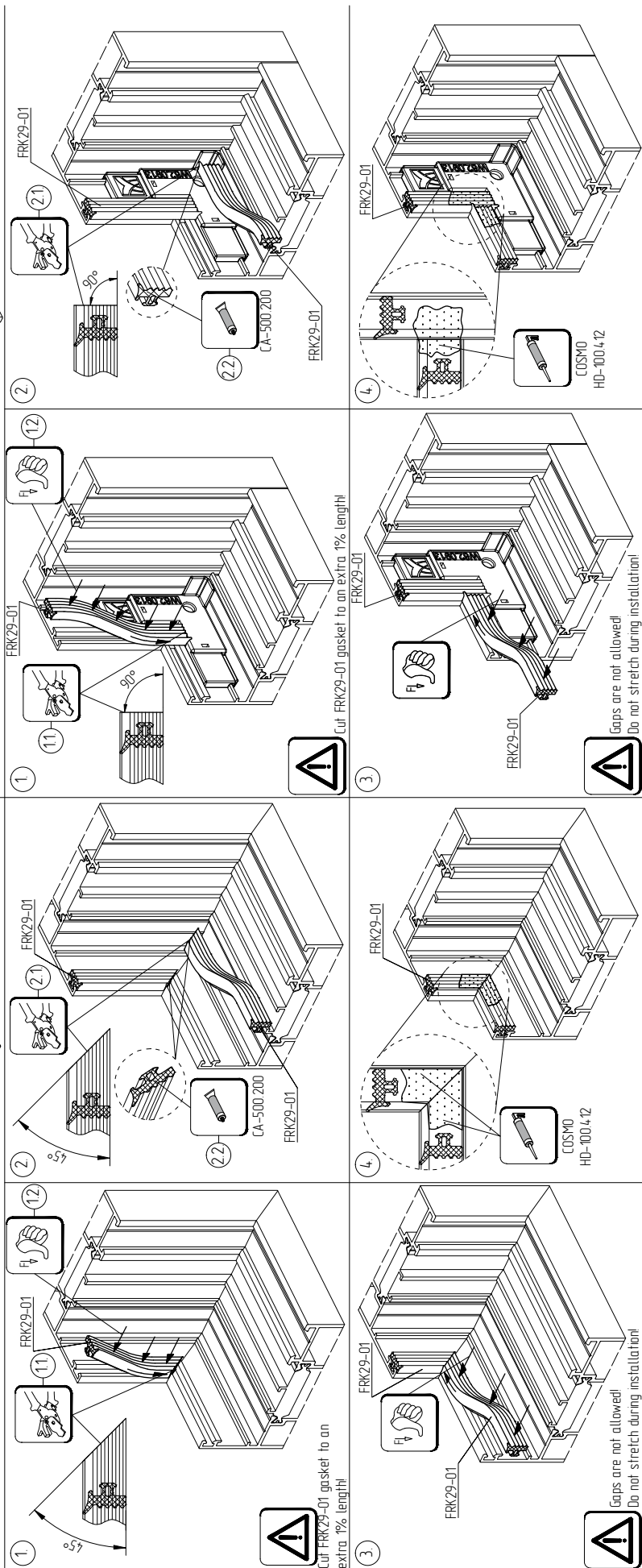
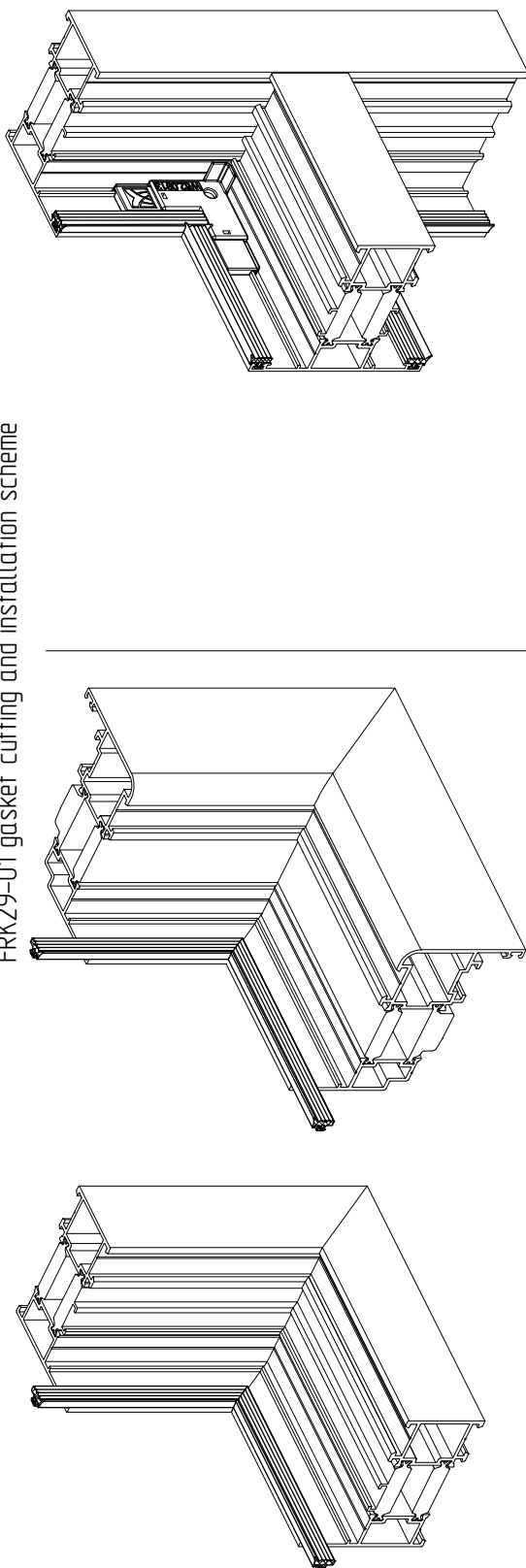


1

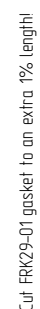
2

3

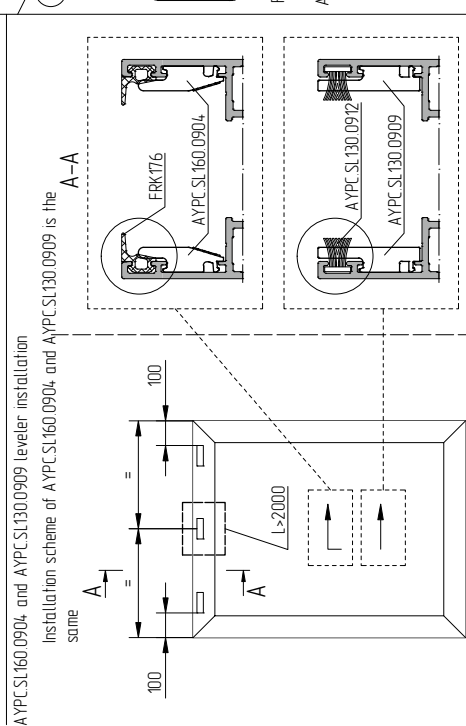
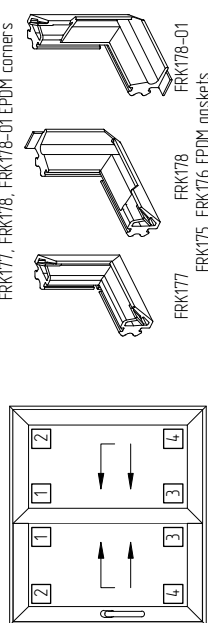
FRK29-01 gasket cutting and installation scheme



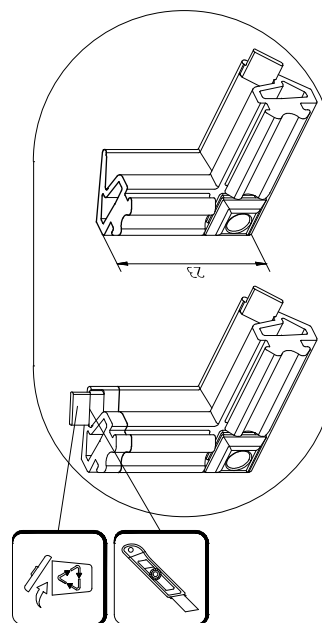
2) FRK29-01 installation



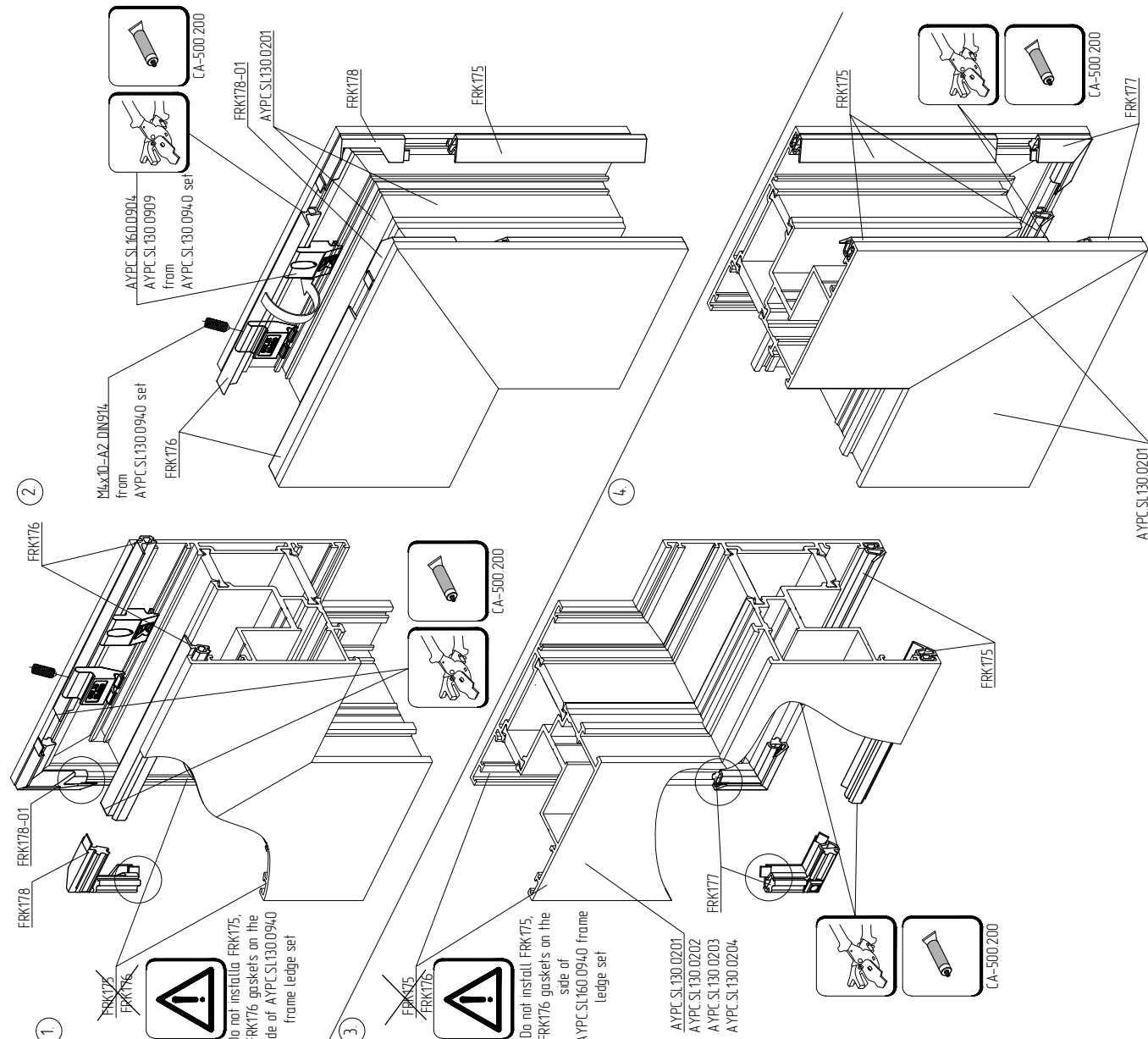
Machining and installation of FRK175, FRK176, AYPC.SL130.0912 gaskets and FRK177, FRK178, FRK178-01 rubber corners



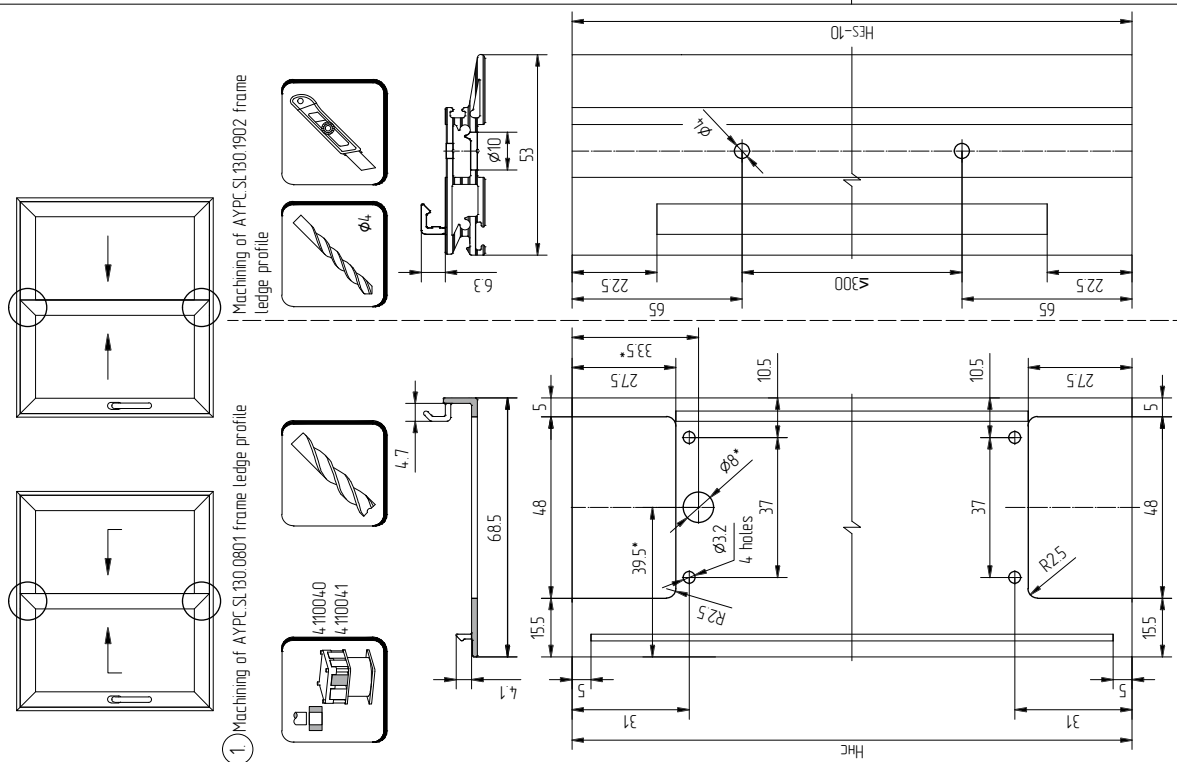
Machining of FRK177, FRK178, FRK178-01 corners during installation on AYPC.SL130.0202, AYPC.SL130.0203, AYPC.SL130.0204 sashes



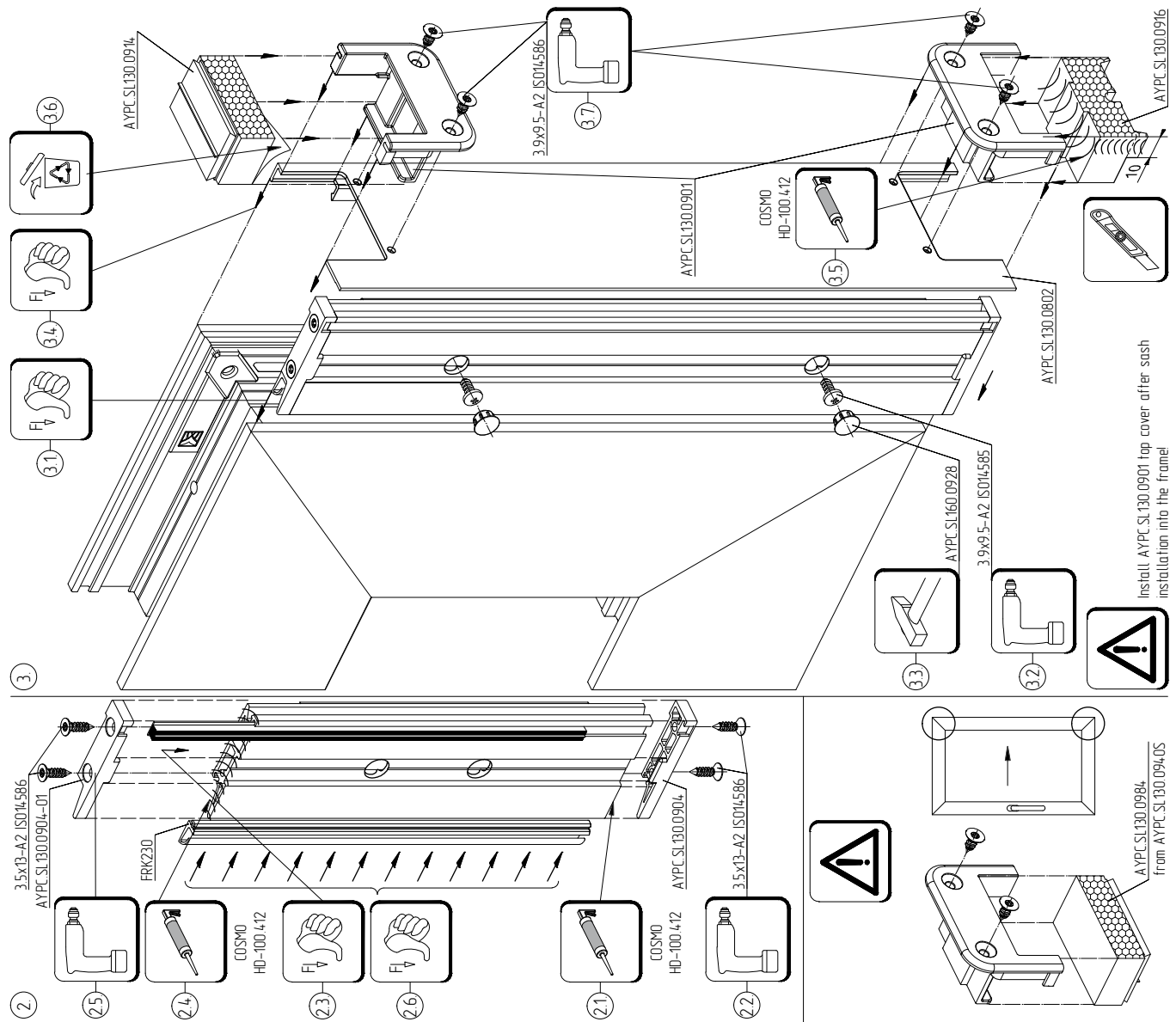
Cut FRK175, FRK176 gaskets to an extra 1% length!
Deformation is not allowed!
Gaps are not allowed!
Do not stretch during installation!



Machining and onstallation of AYPCL130.0940HS and AYPCL130.0940S frame ledge set

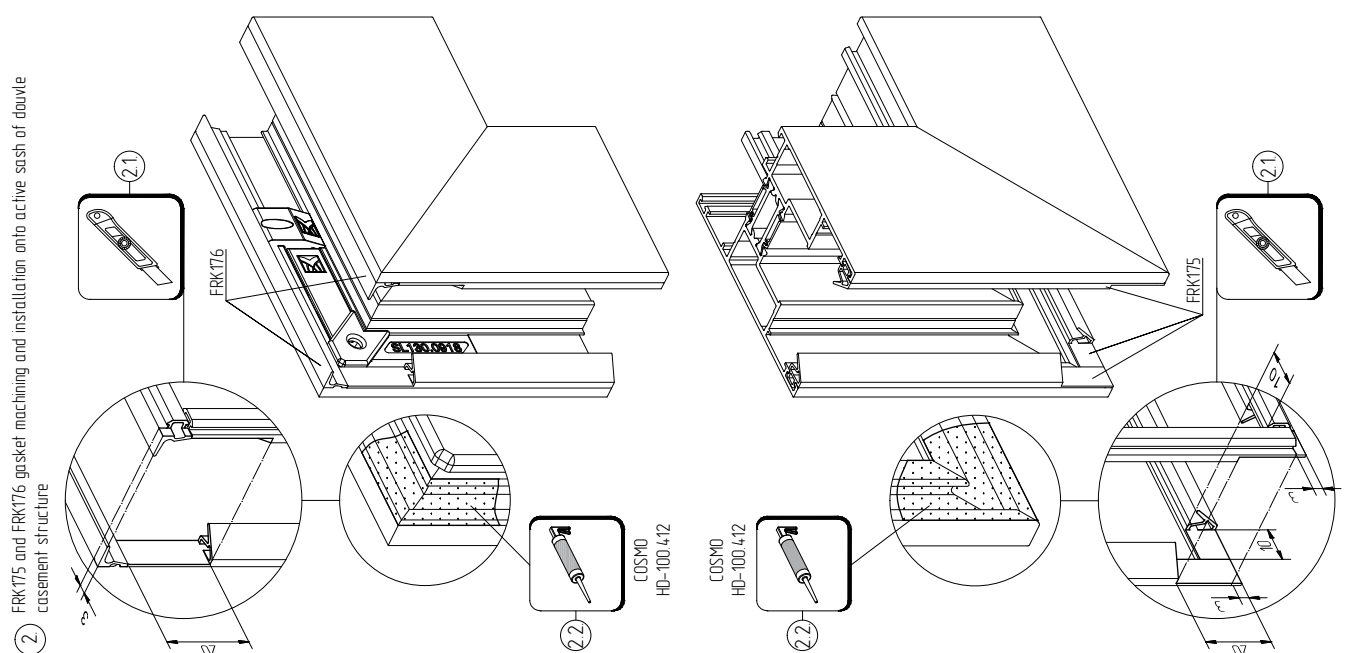


- * - Perform machining during Comfort Close set installation. Perform step 3.7 after Comfort Close set is installed.

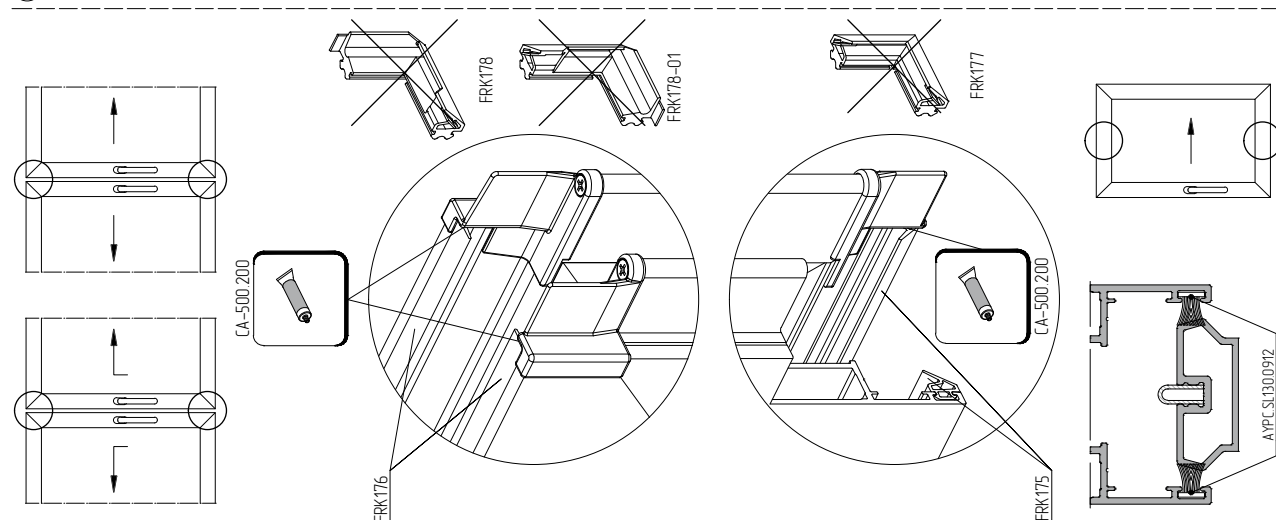
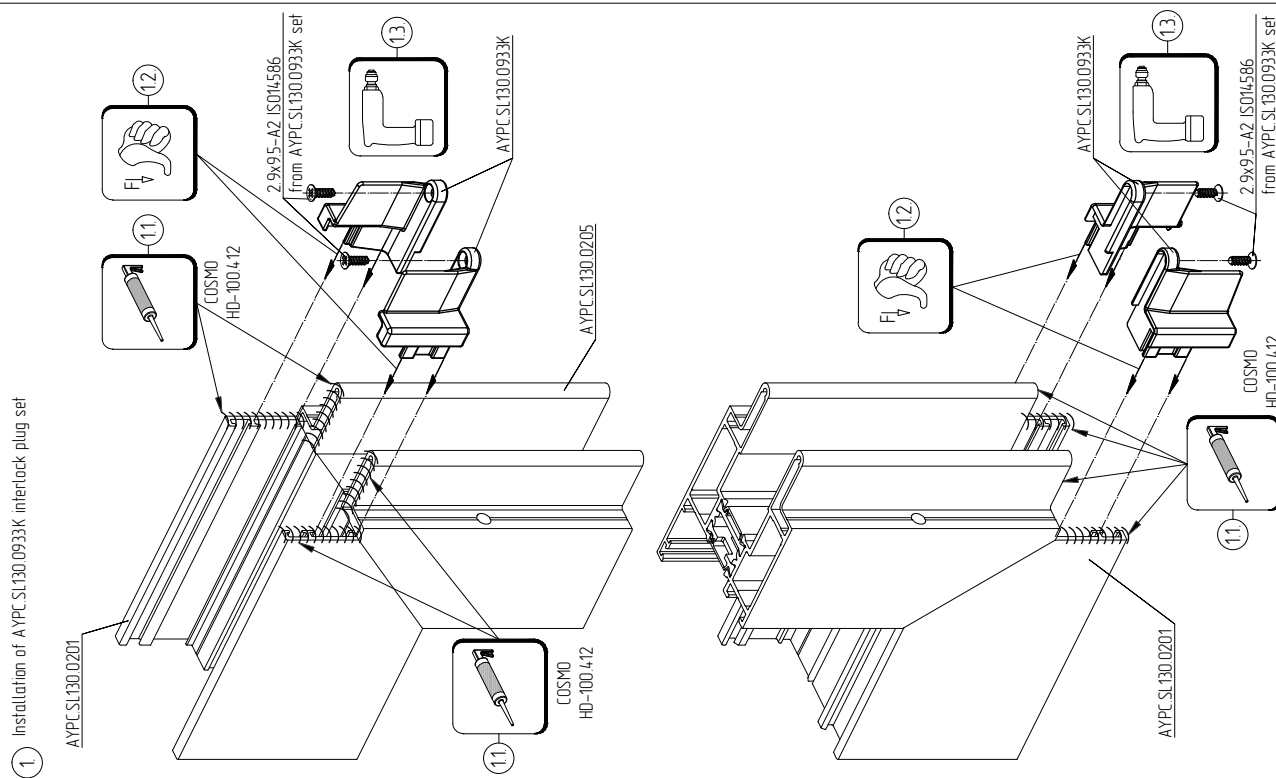


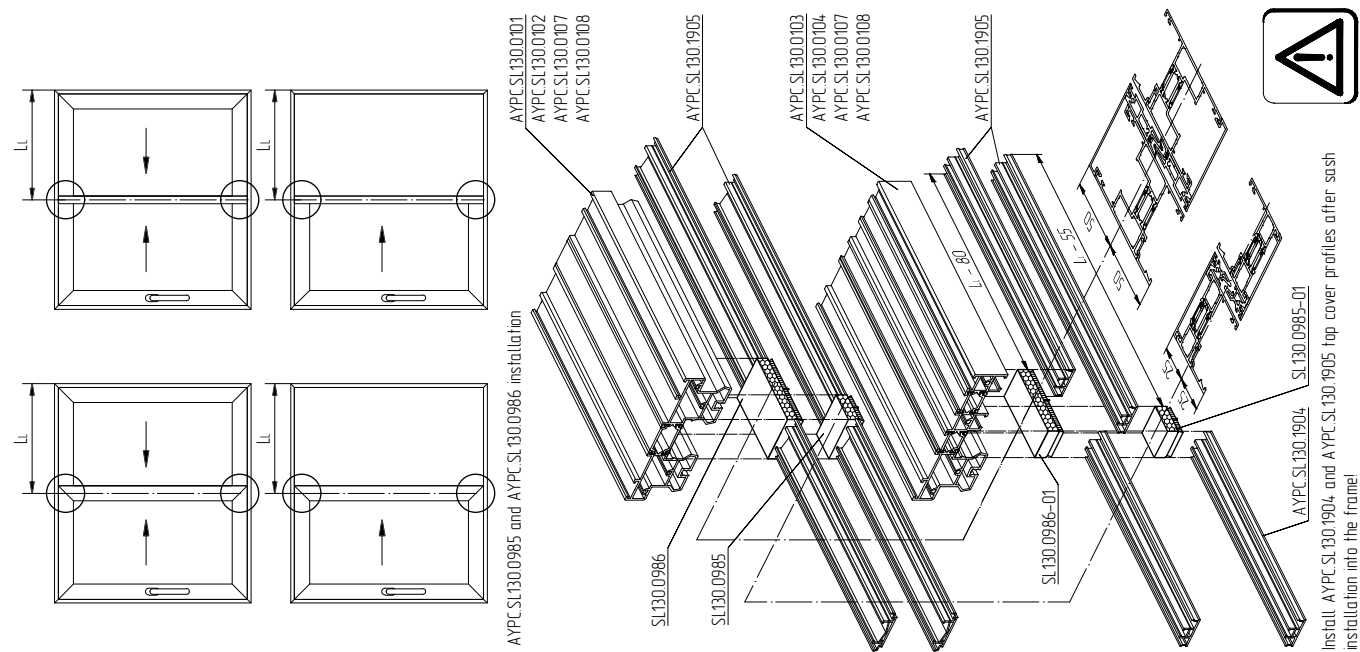
Install AYPCSL130.0901 top cover after sash installation into the frame!

FRK175, FRK176 gasket machining and installation onto double casement structure

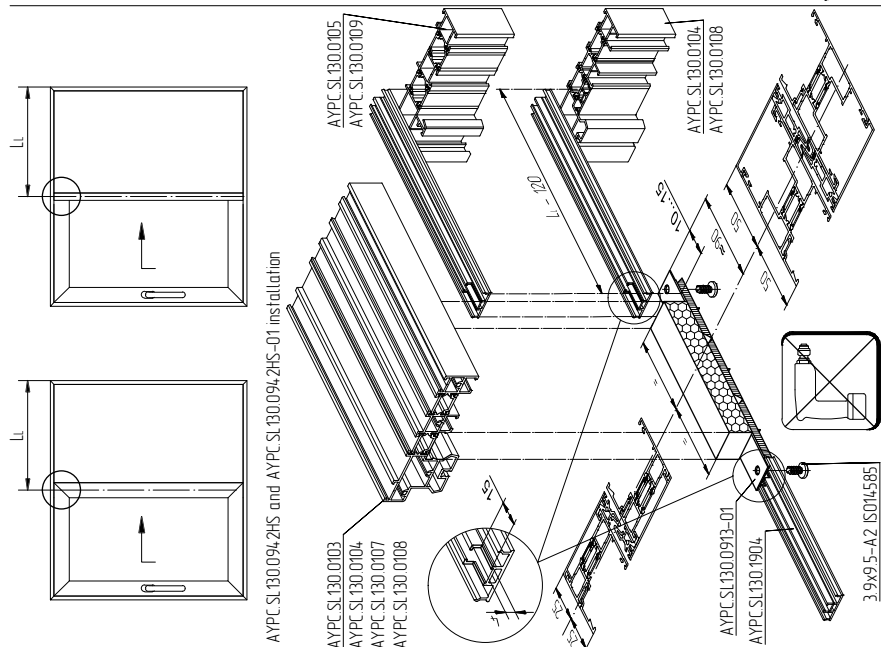


FRK175, FRK176 gasket machining and installation onto double casement structure

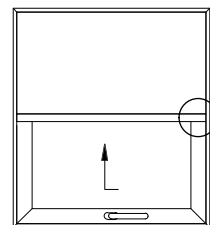




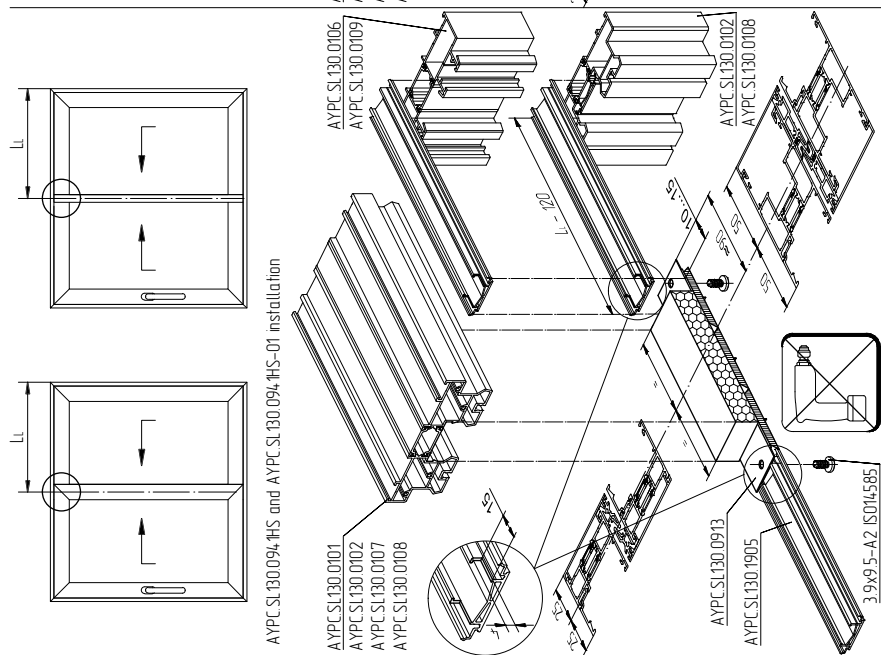
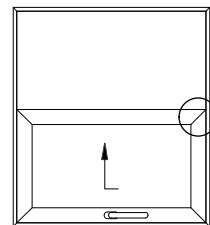
Installation of central ledge profile and decorative covers AYPC.SL130.1904/1905.



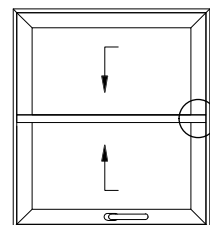
SL130 L&S Slim



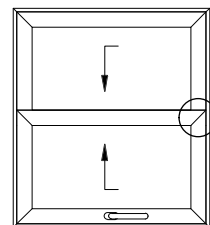
SL130 L&S Standard



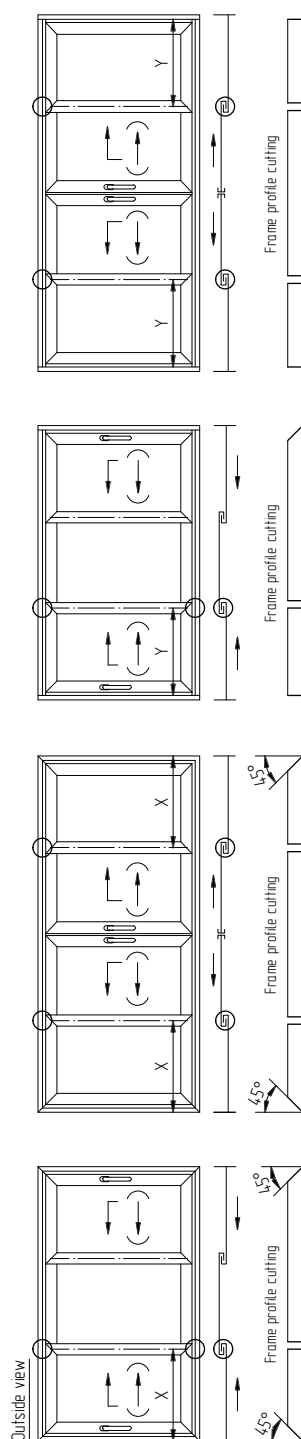
SL130 L&S Slim



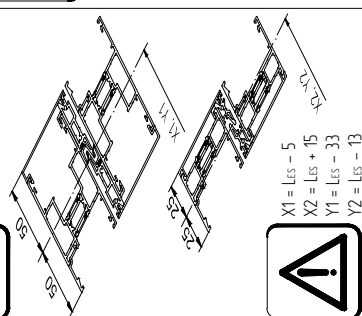
SL130 L&S Standard



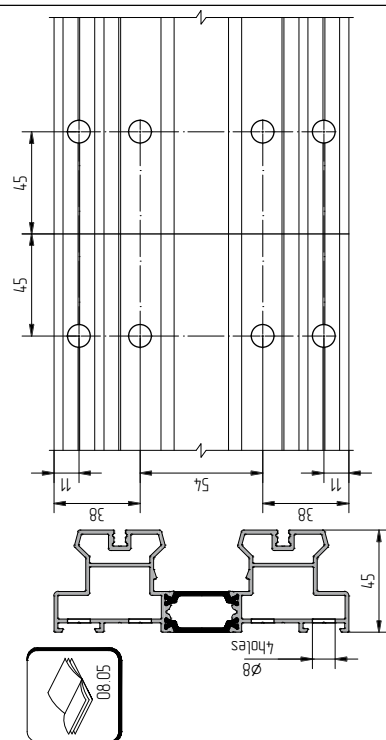
Machining of AYPC.SI130.0101 and AYPC.SI130.0102 frame profiles for connection kit installation, L_{EF}>6500 mm.



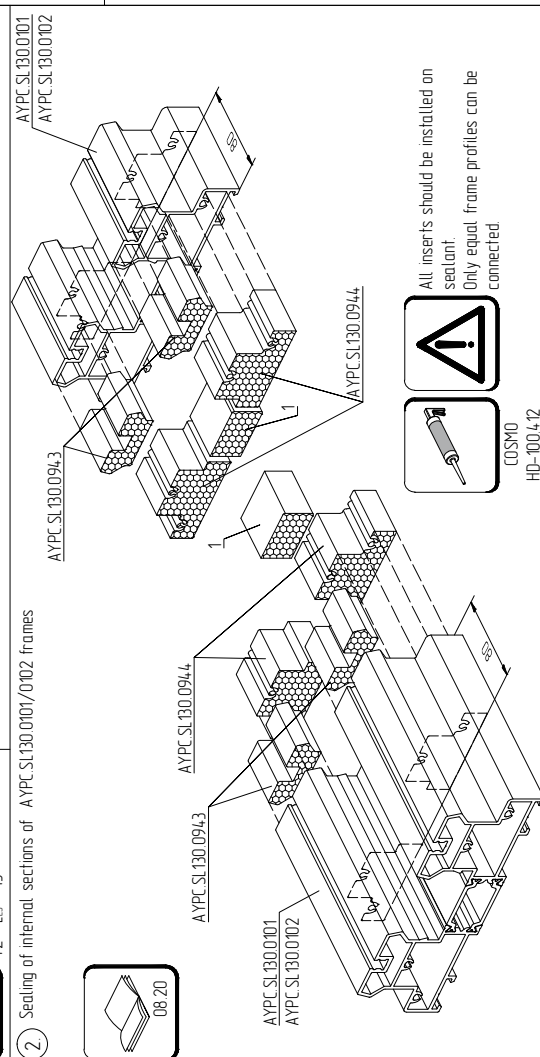
Position the profile joint along the centre line of the ledge.



① Machining of AYPC SL130.0101 and AYPC SL130.0102 frame profiles for connector installation.



Sealing of internal sections of AYP C.SL130.0101/0102 frames

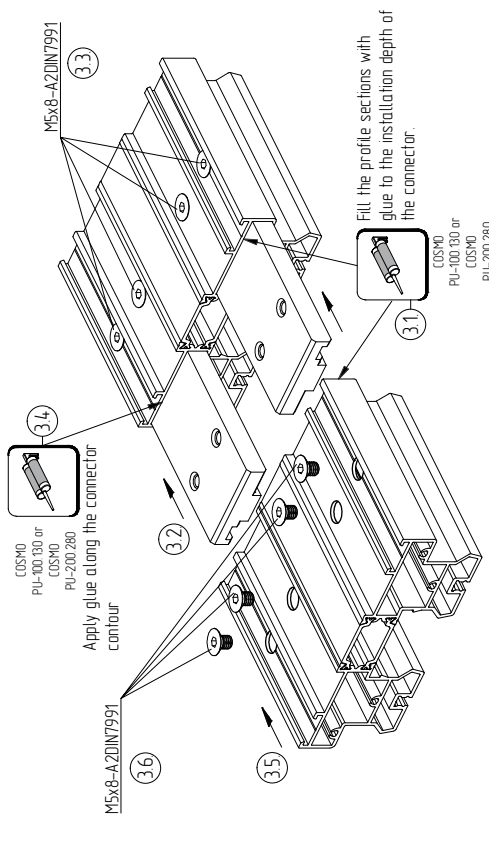


All inserts should be installed on sealant. Only equal frame profiles can be connected.



HD-100.412
COSMO

3 Connector installation.

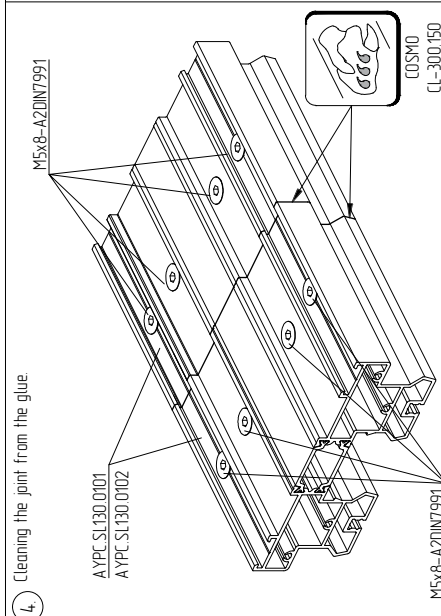


4. Cleaning the joint from the glue.

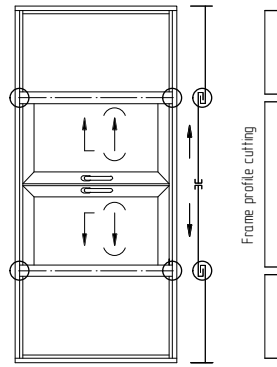


5

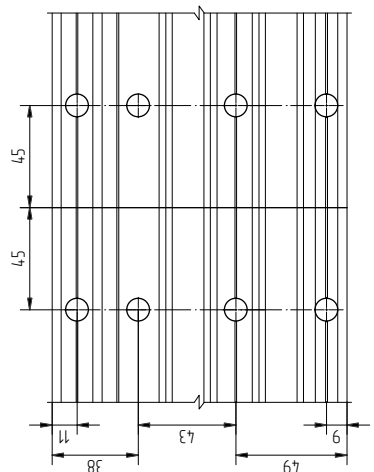
M5x8-A2DIN7991 screw heads protrude 1 to 1.5 mm beyond the back plane of the frame – if supporting profile is used, perform machining accordingly.



Outside view



- 33



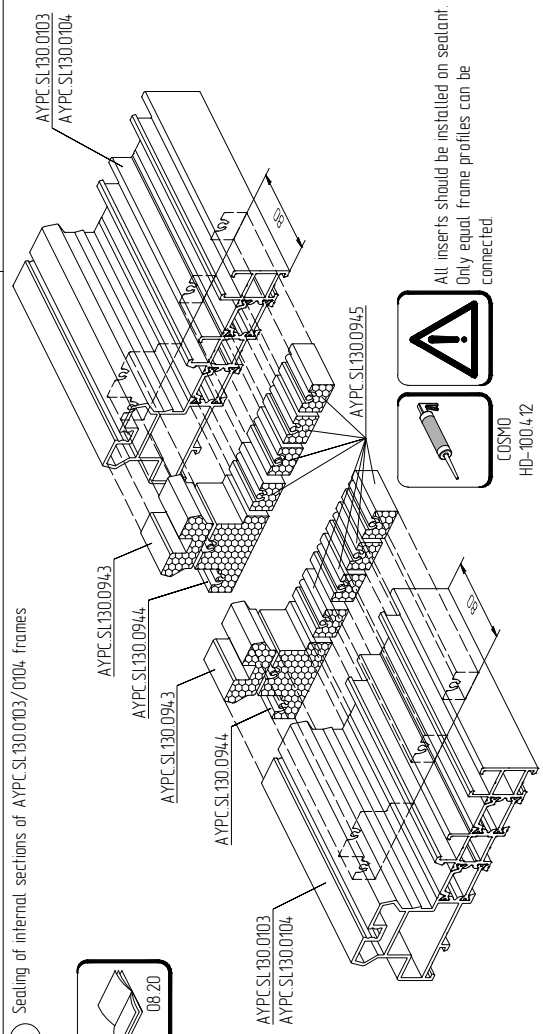
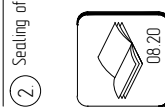
Apply glue along the connector contour



Fill the profile sections with glue to the installation depth of the connector.



M5x8-A2DIN7991 screw heads protrude 1 to 15 mm beyond the back plane of the frame – if supporting profile is used, perform machining accordingly.

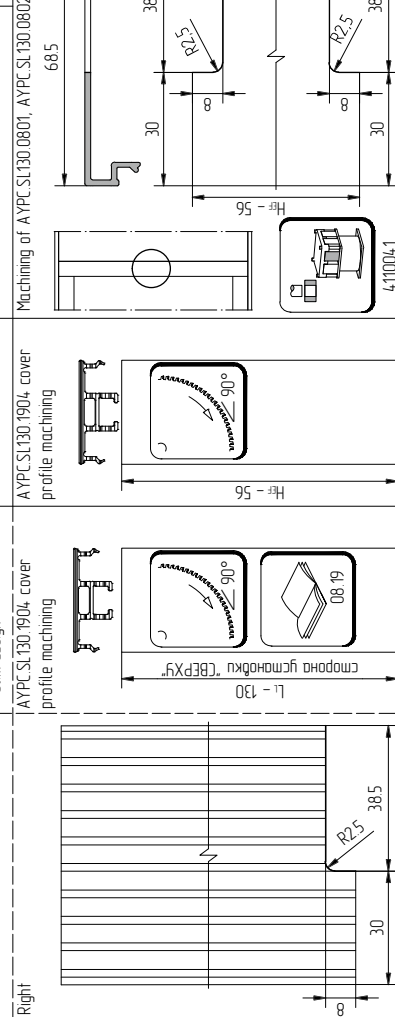
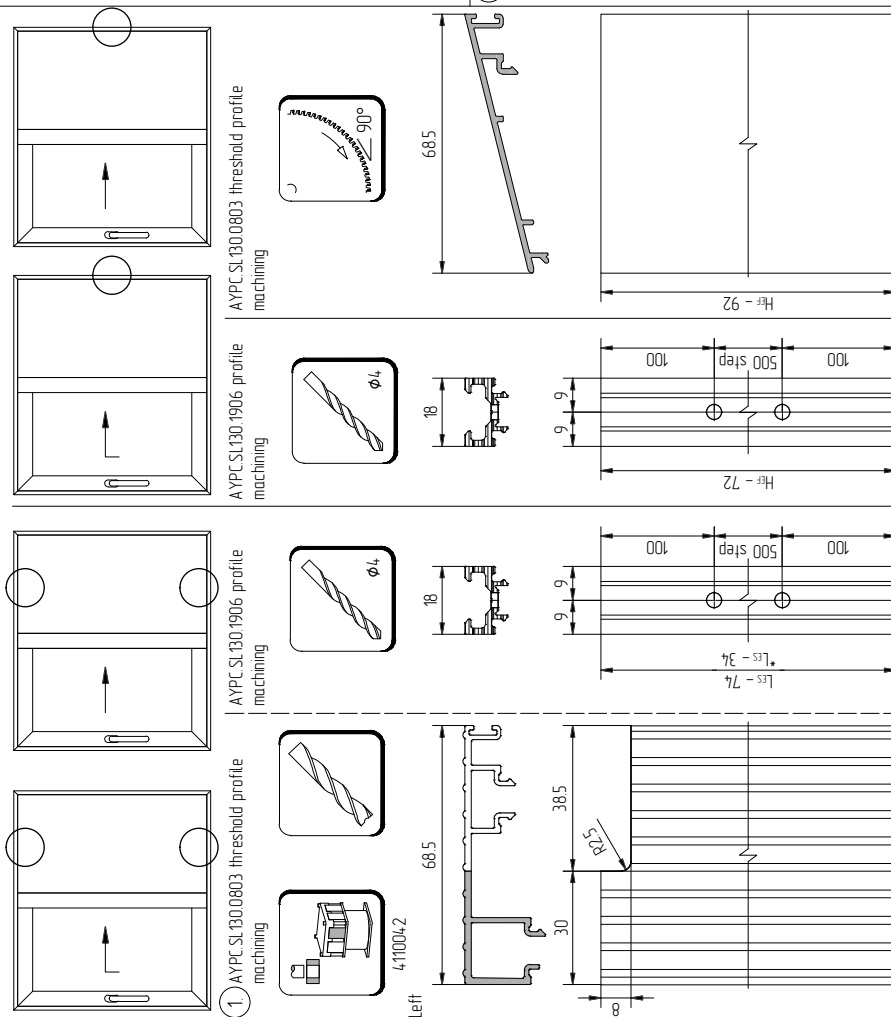
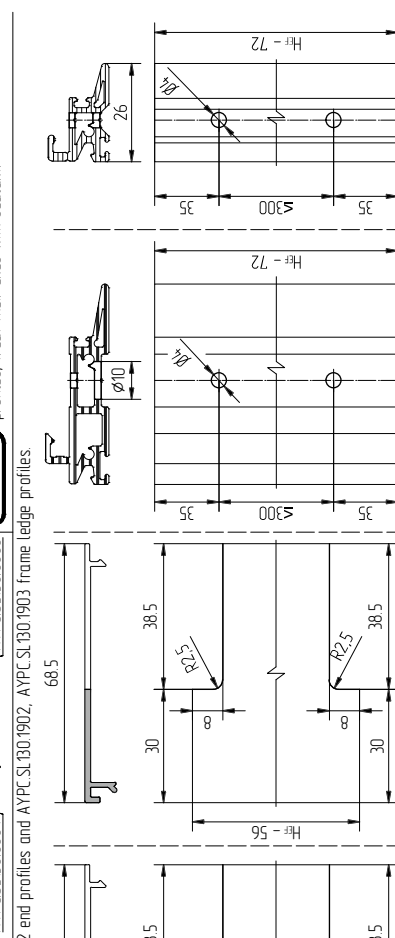
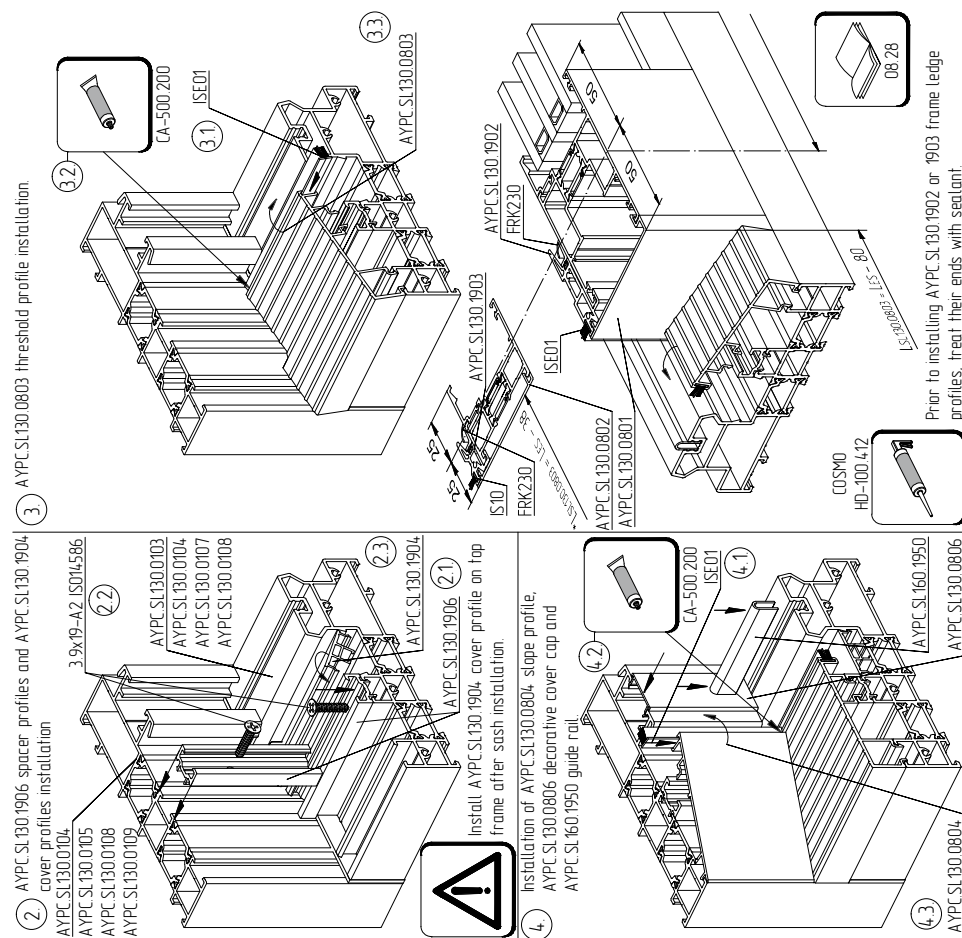
COSMO
HD-100.412

All inserts should be installed on sealant. Only equal frame profiles can be connected.

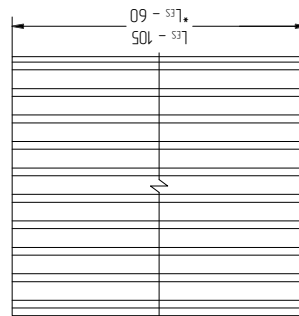
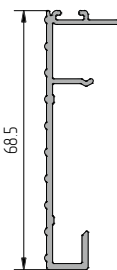
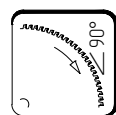


Position the profile joint at a distance of 100 mm from the A YPC SL 130.0803 threshold profile.

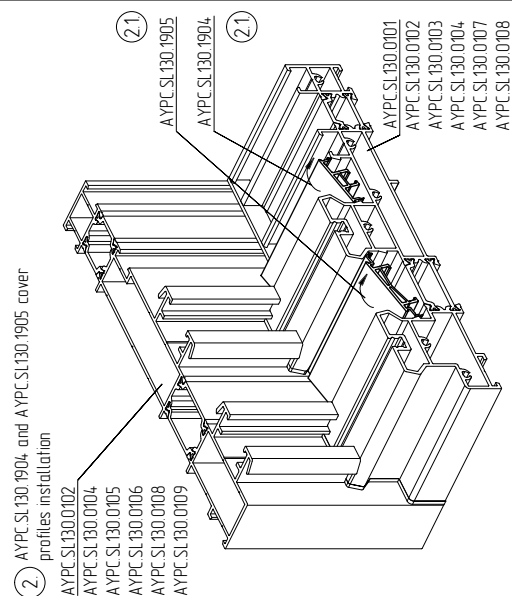
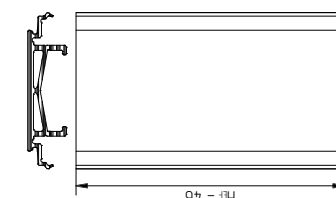
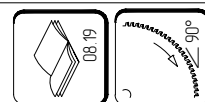
Machining and installation of AYPC.SL130.0803 threshold profile and AYPC.SL130.0804 slope profile.



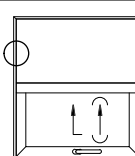
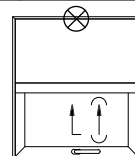
3 AYPCL130.0805-01 slope profile installation



* Slim design



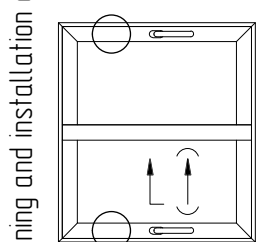
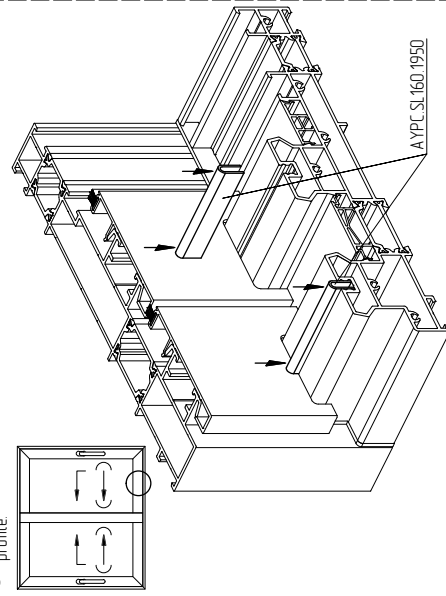
AYPC SL130.1904/1905 cover profiles are not designed for installation on AYPC SL130.0105, AYPC SL130.0106 and AYPC SL130.0109 frames.



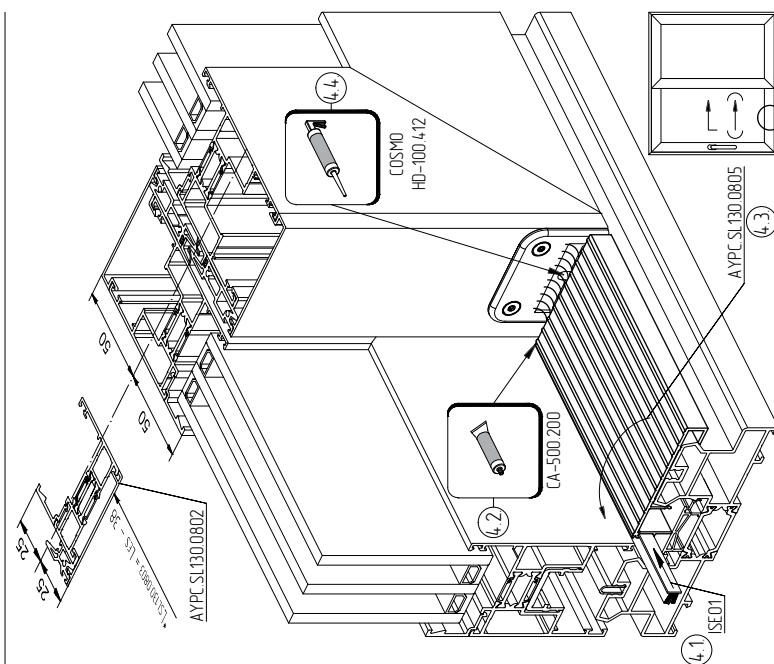
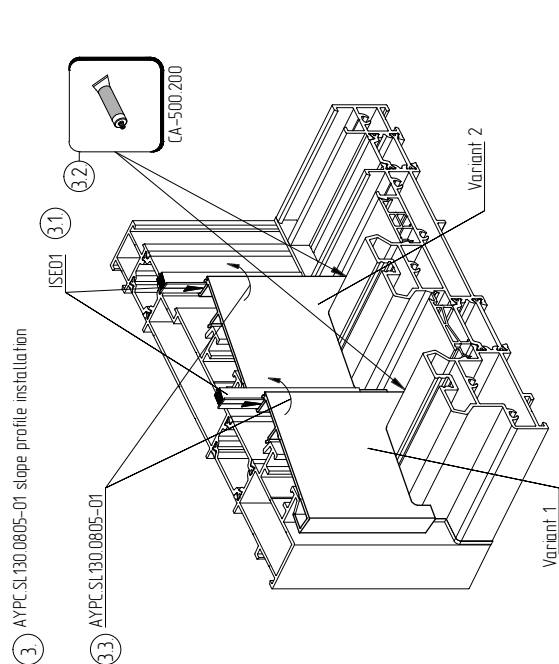
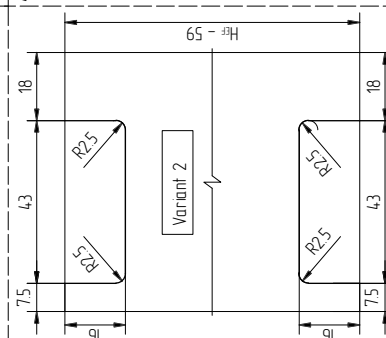
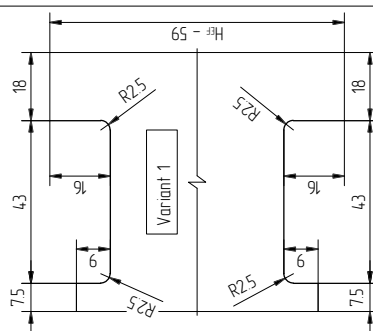
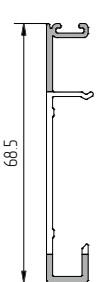
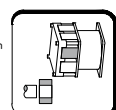
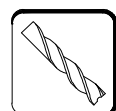
Install AYPCSL30.1904/1905 cover profiles after sash installation into the frame.



4. Installation of AYPC SL60.1950 guide rail or /and AYPC SL130.0805 threshold profile.

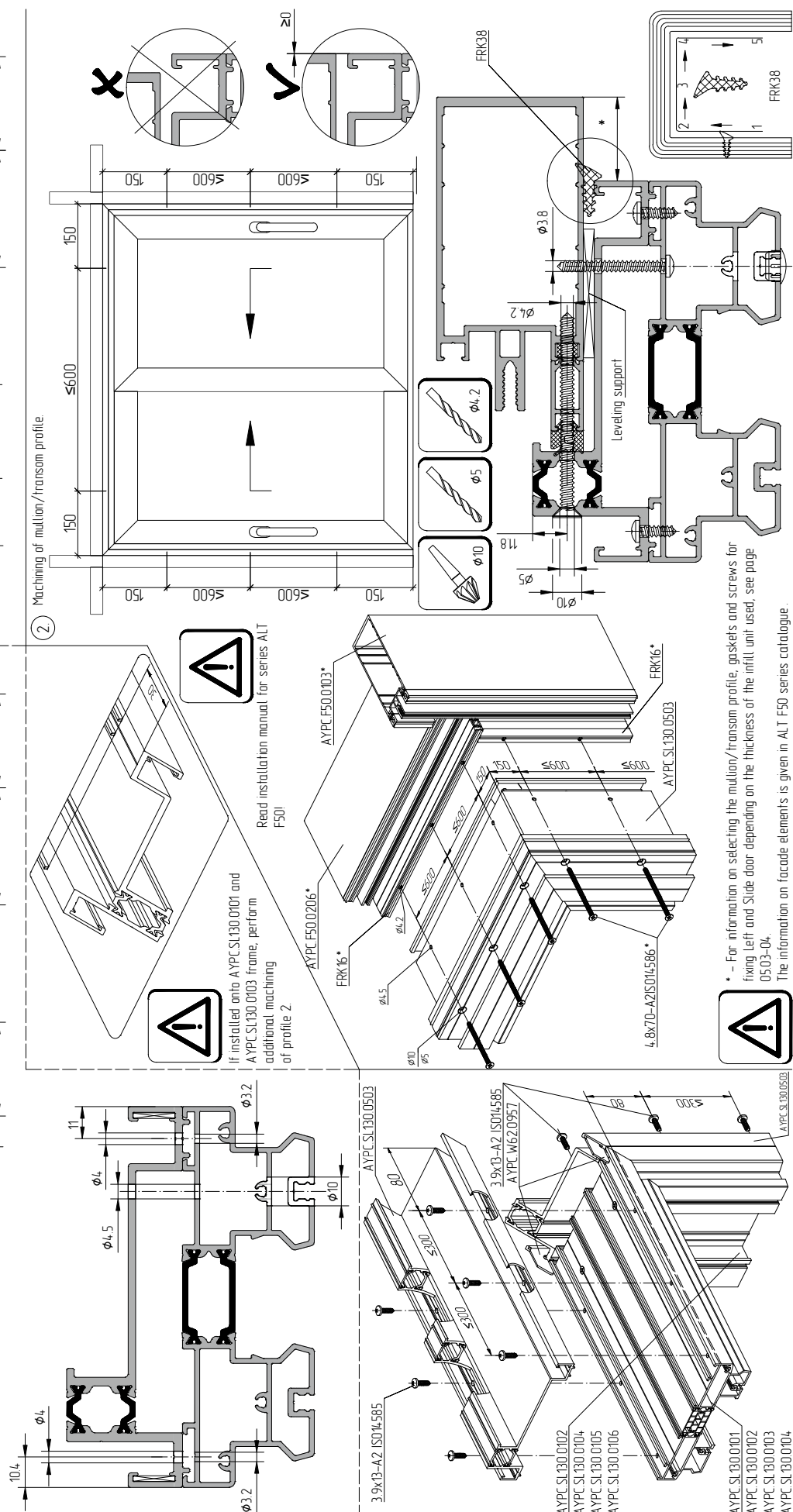
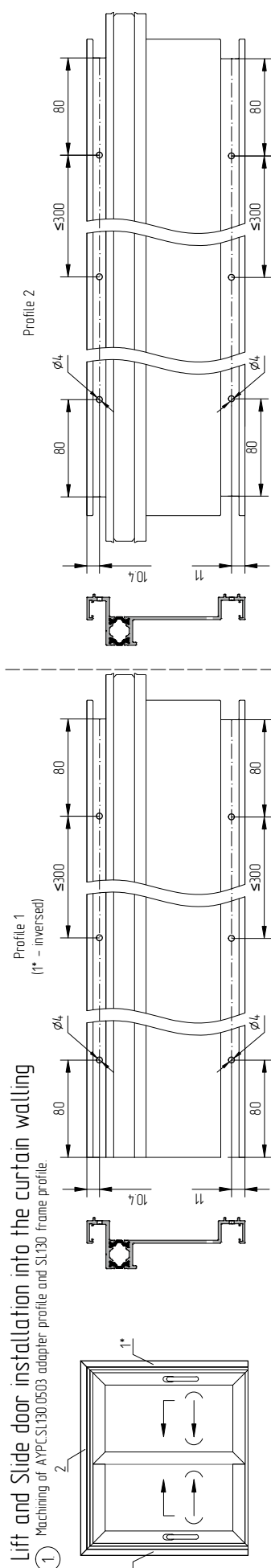


1. AYPCL130.0805-01 slope profile machining



Lift and Slide door installation into the curtain walling

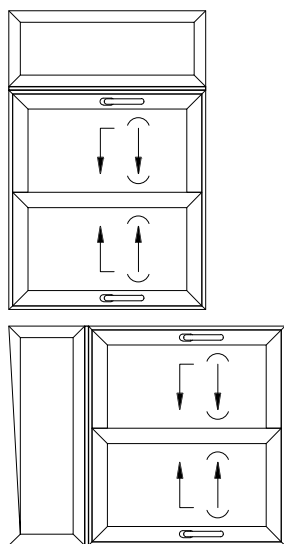
Machining of AYPCL130.0503 adapter profile and SL130 frame profile.



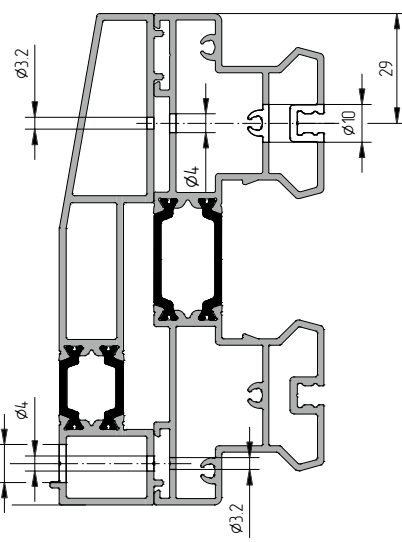
* – For information on selecting the mullion/transom profile, gaskets and screws for fixing Left and Slide door depending on the thickness of the Infill unit used, see page 05-03-04.

The information on facade elements is given in ALU F50 series catalogue.

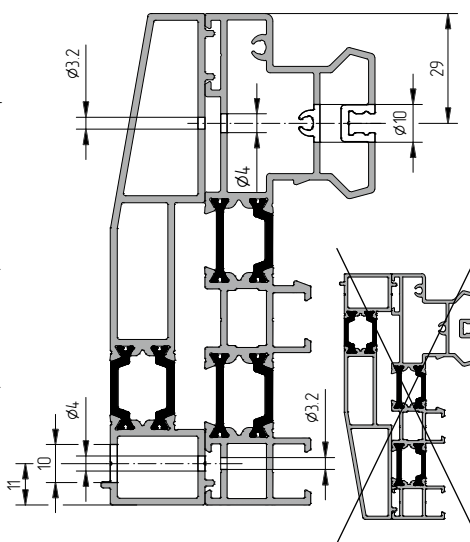
Lift and Slide door integration with W62.



1.1.1 Machining of AYPC.SL130.0502 adapter and AYPC.SL130.0101, AYPC.SL130.0102, AYPC.SL130.0106 frame profiles

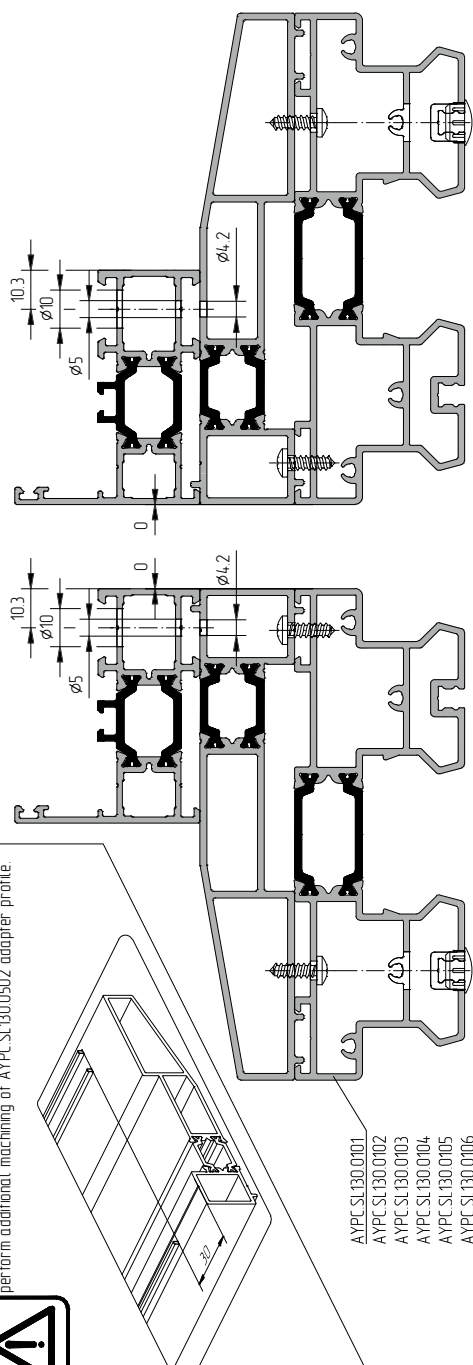


⑫ Machining of AYPCL130.0502 adapter and AYPCL130.0103, AYPCL130.0104, AYPCL130.0105 frame profiles.



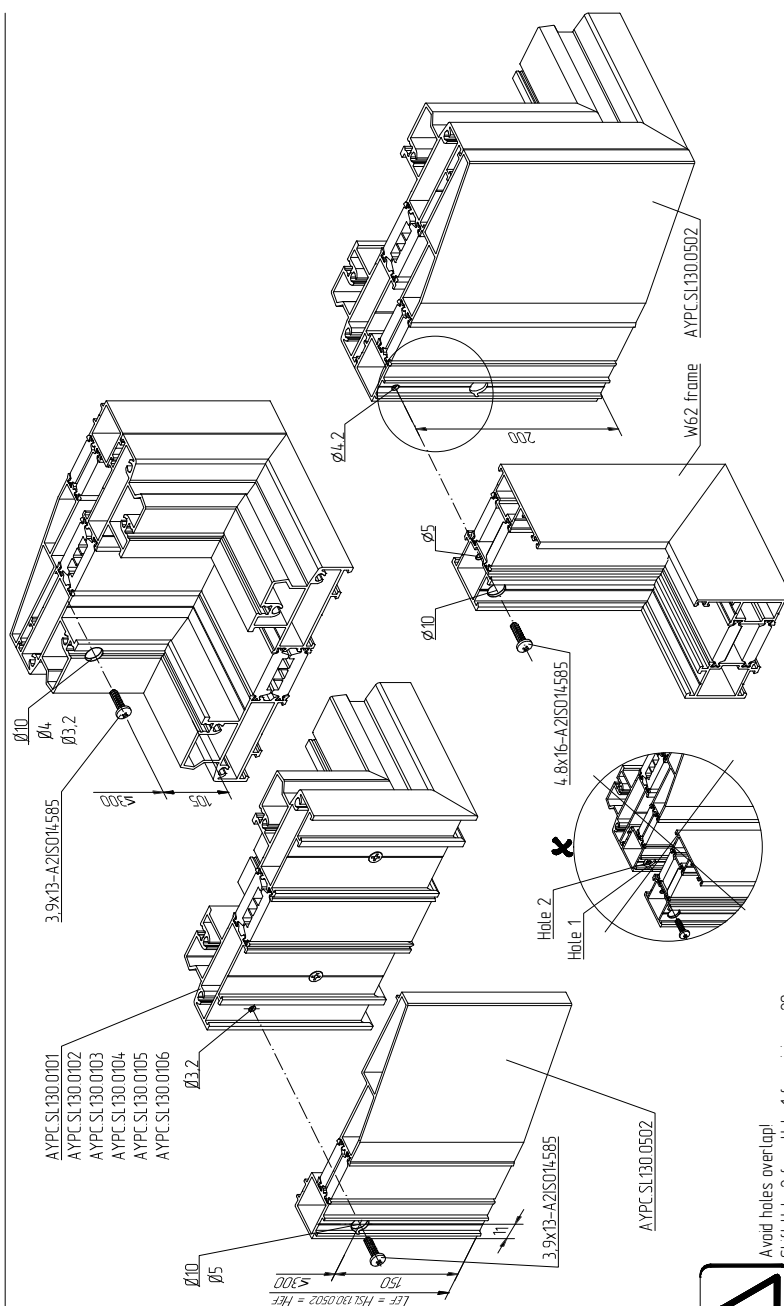
Machining of A YPCSL130.0502 adapter and W62 frame profile.

If installed onto AYPC.SL130.0101 and AYPC.SL130.0103 frame, perform additional machining of AYPC.SL130.0502 adapter profile.



AYPC.SL130.0101
AYPC.SL130.0102
AYPC.SL130.0103
AYPC.SL130.0104
AYPC.SL130.0105
AYPC.SL130.0106

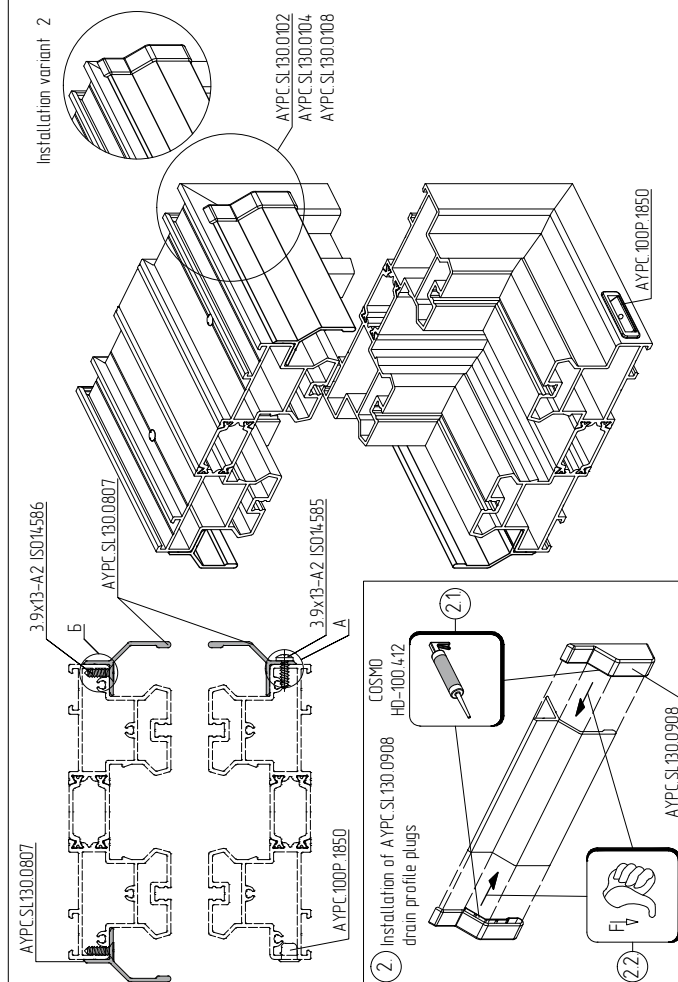
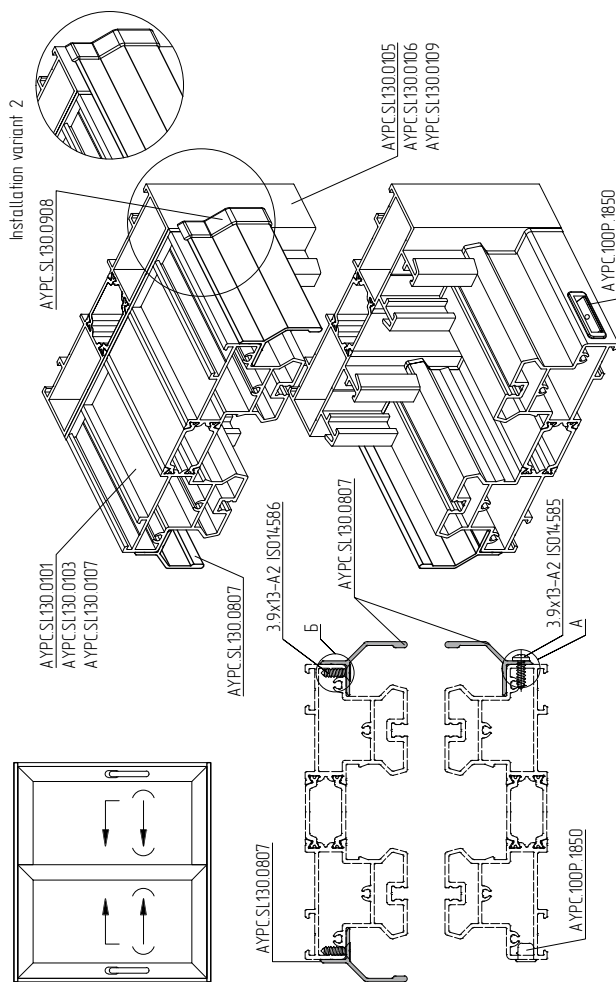
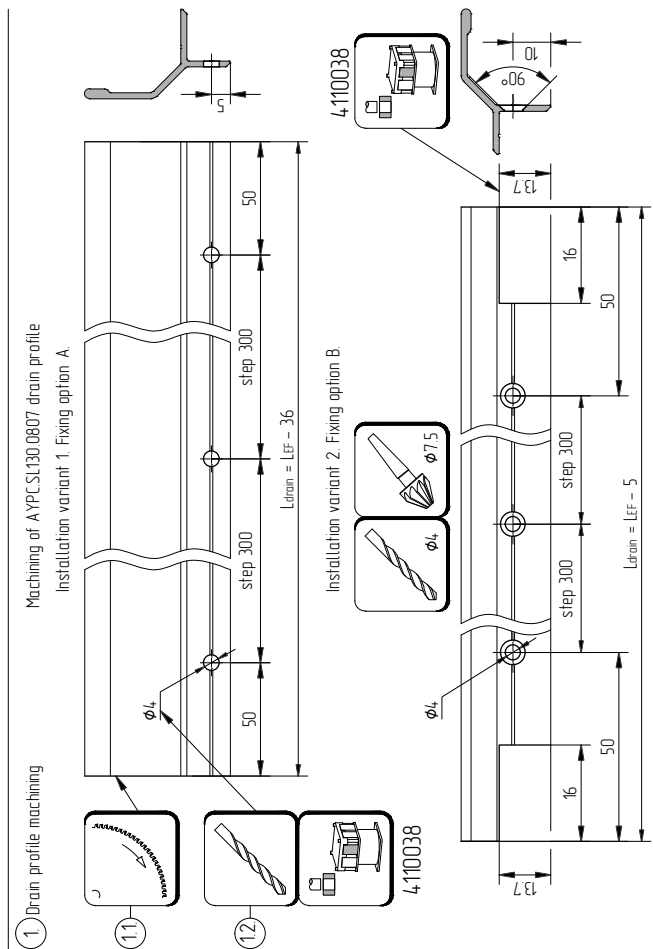
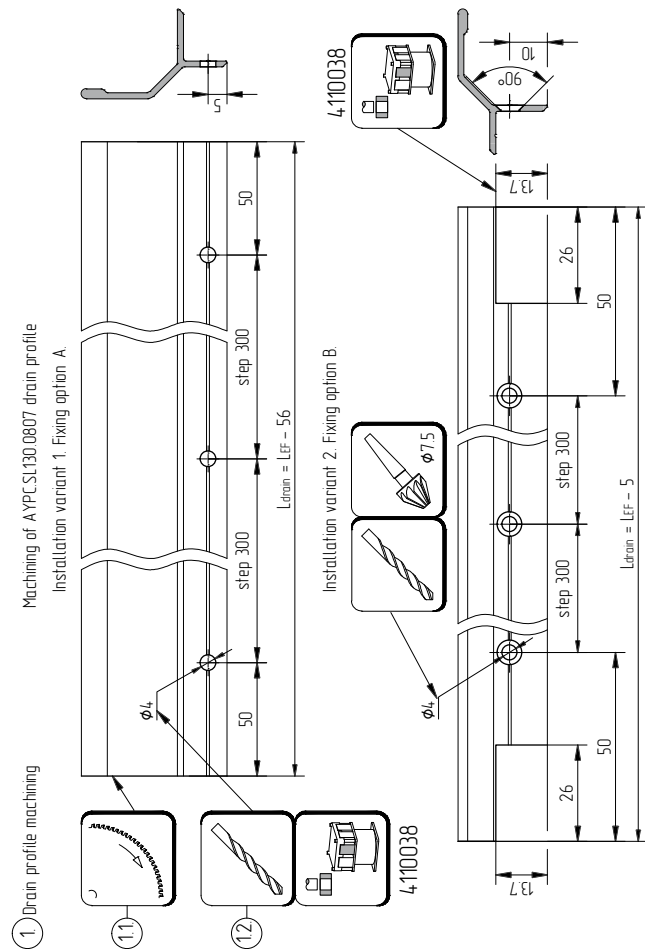
AYPC.SL130.0101
AYPC.SL130.0102
AYPC.SL130.0103
AYPC.SL130.0104
AYPC.SL130.0105
AYPC.SL130.0106



Avoid holes overlap!
Shift Hole 2 from Hole 1 for minimum 20 mm.



Machining and installation of AYPC.SL130.0807 drain profile.

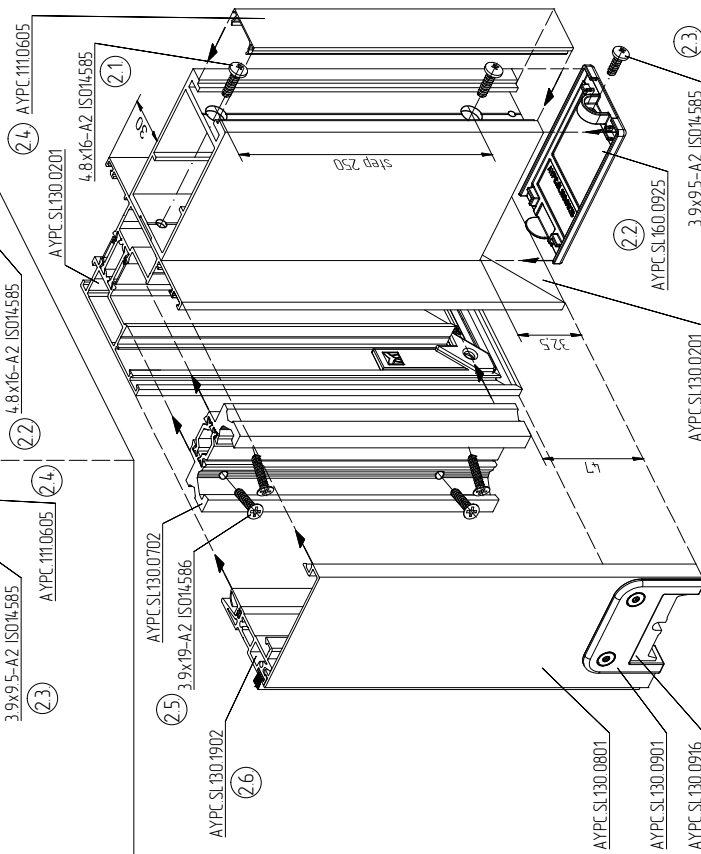
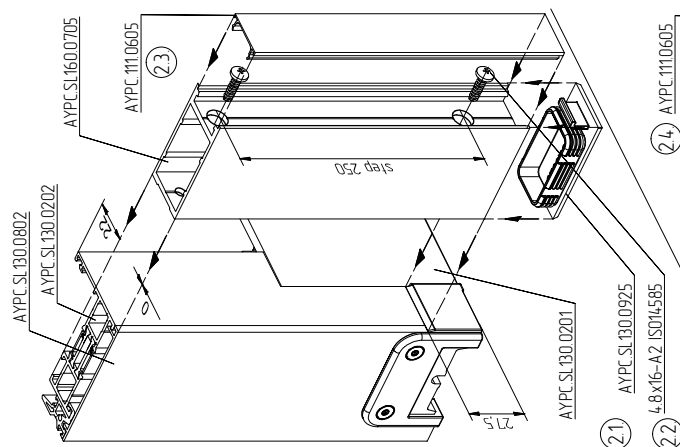
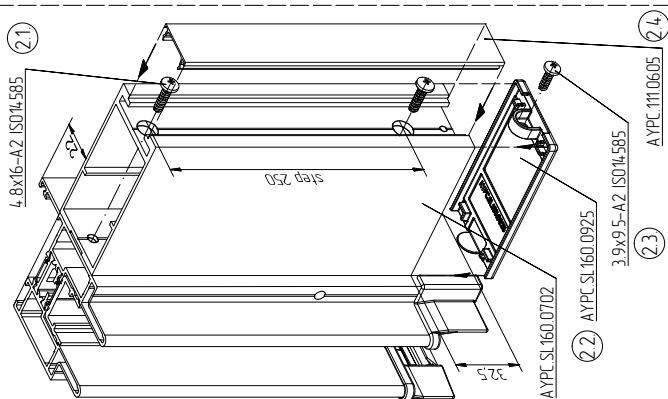
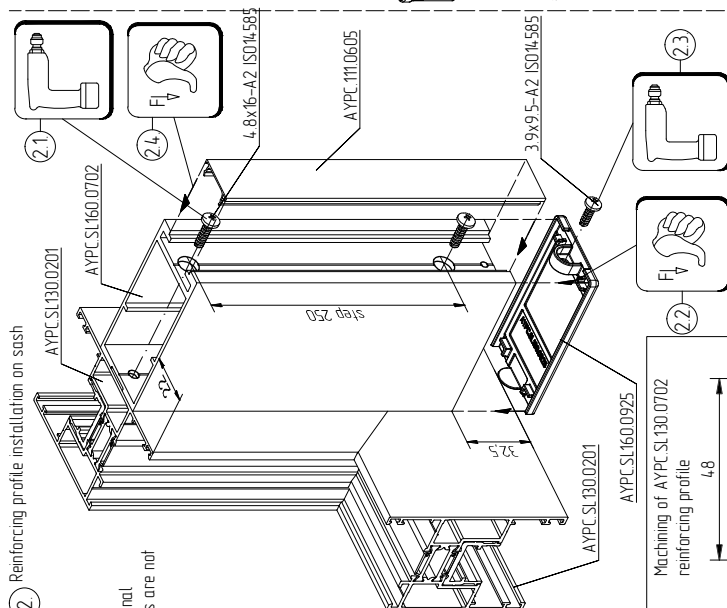
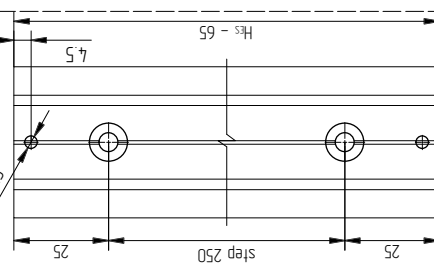
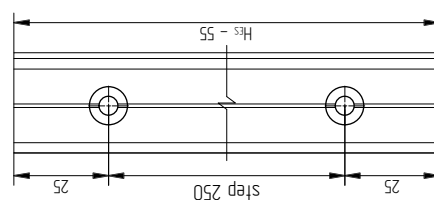
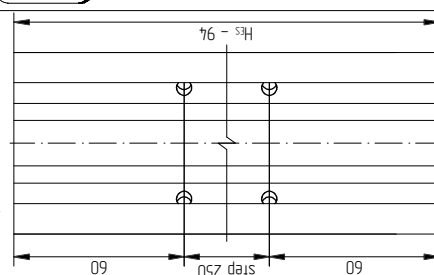
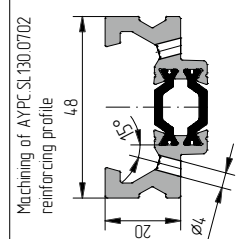
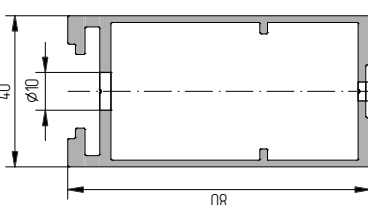
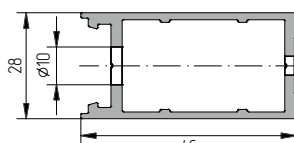
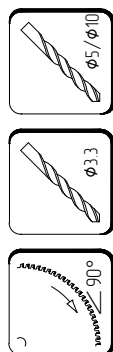


Q

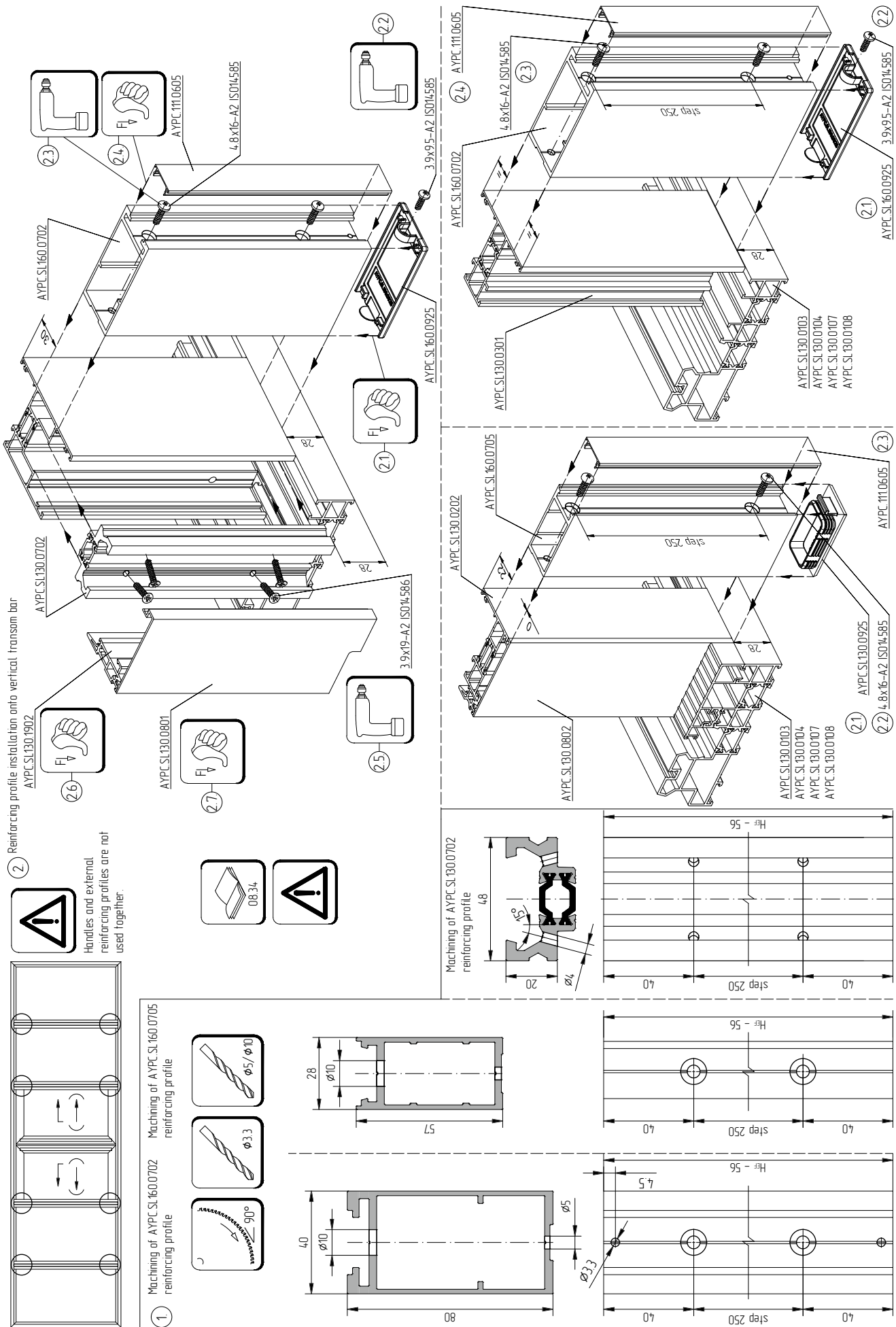
Handles and external reinforcing profiles are not used together.

① Machining of AYPCL160.0702 reinforcing profile

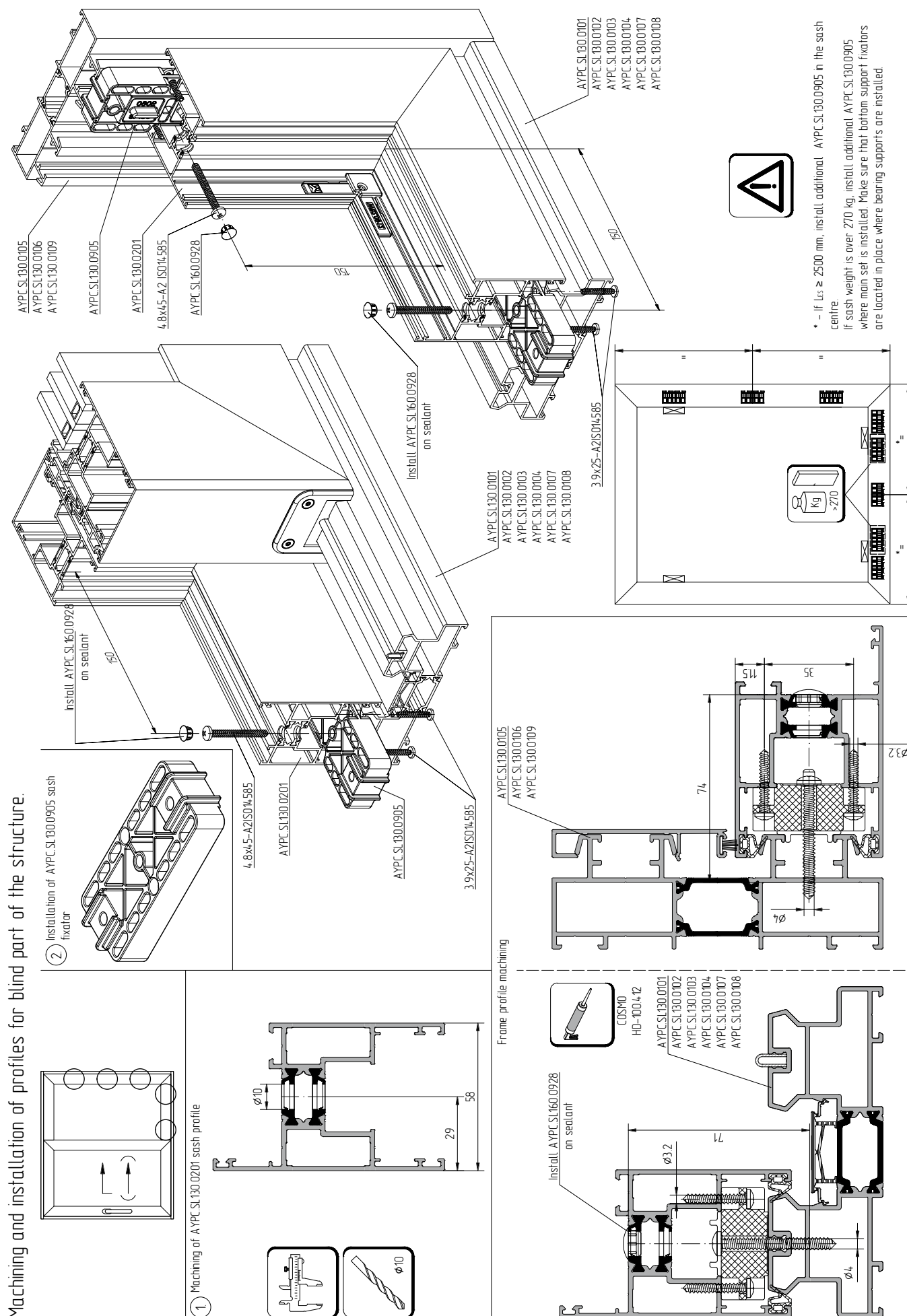
Machining of AYPCL160.0705
reinforcing profile



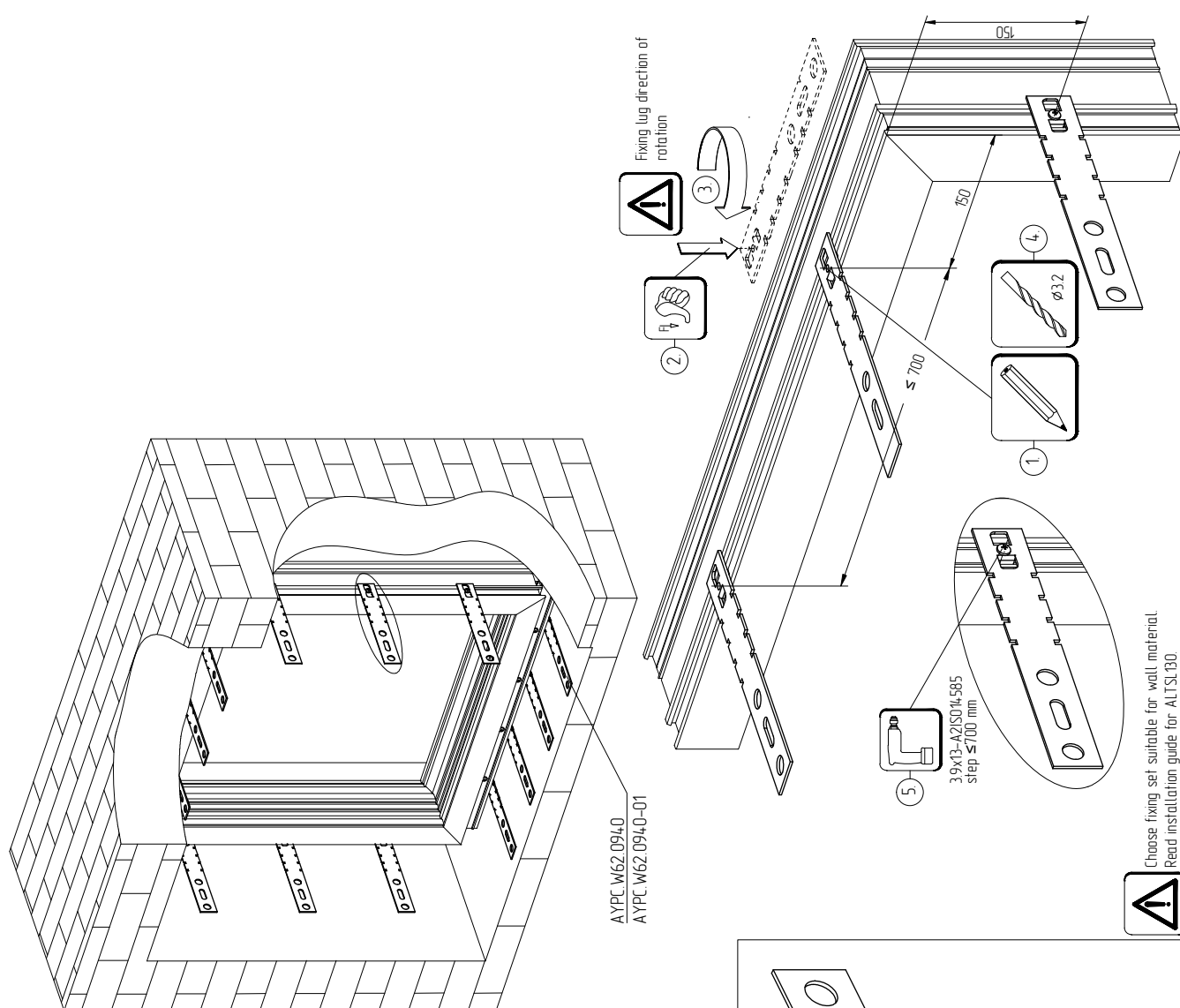
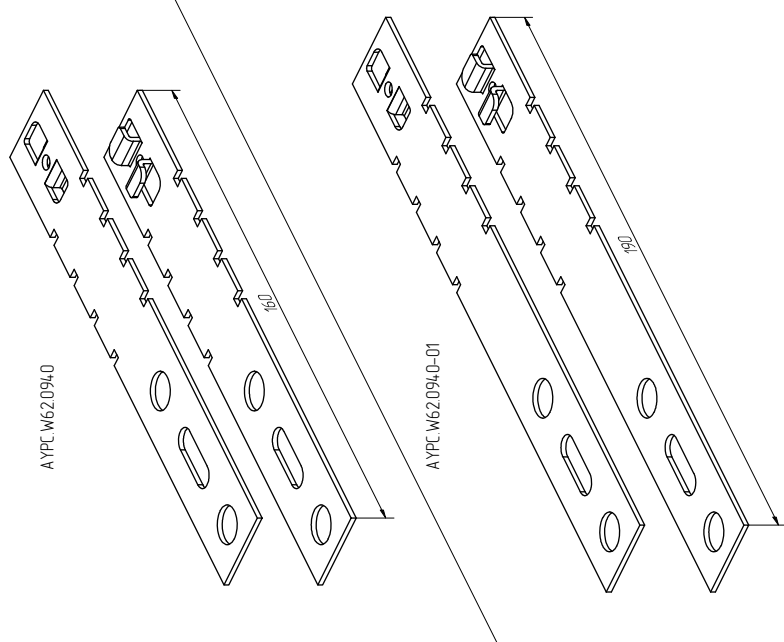
Machining and installation of AYPC.SL130.0702, AYPC.SL160.0702 and AYPC.SL160.0705 reinforcing profiles on frame transom bar.



Machining and installation of profiles for blind part of the structure.



Fixing lug installation

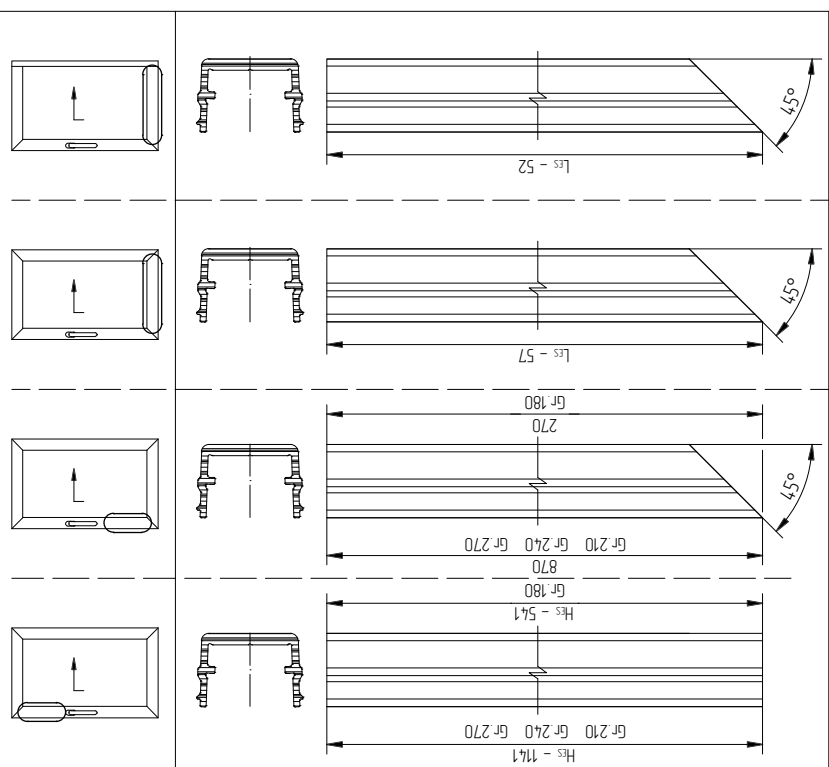


Machining of AYPCL30.1901 fixing profile.

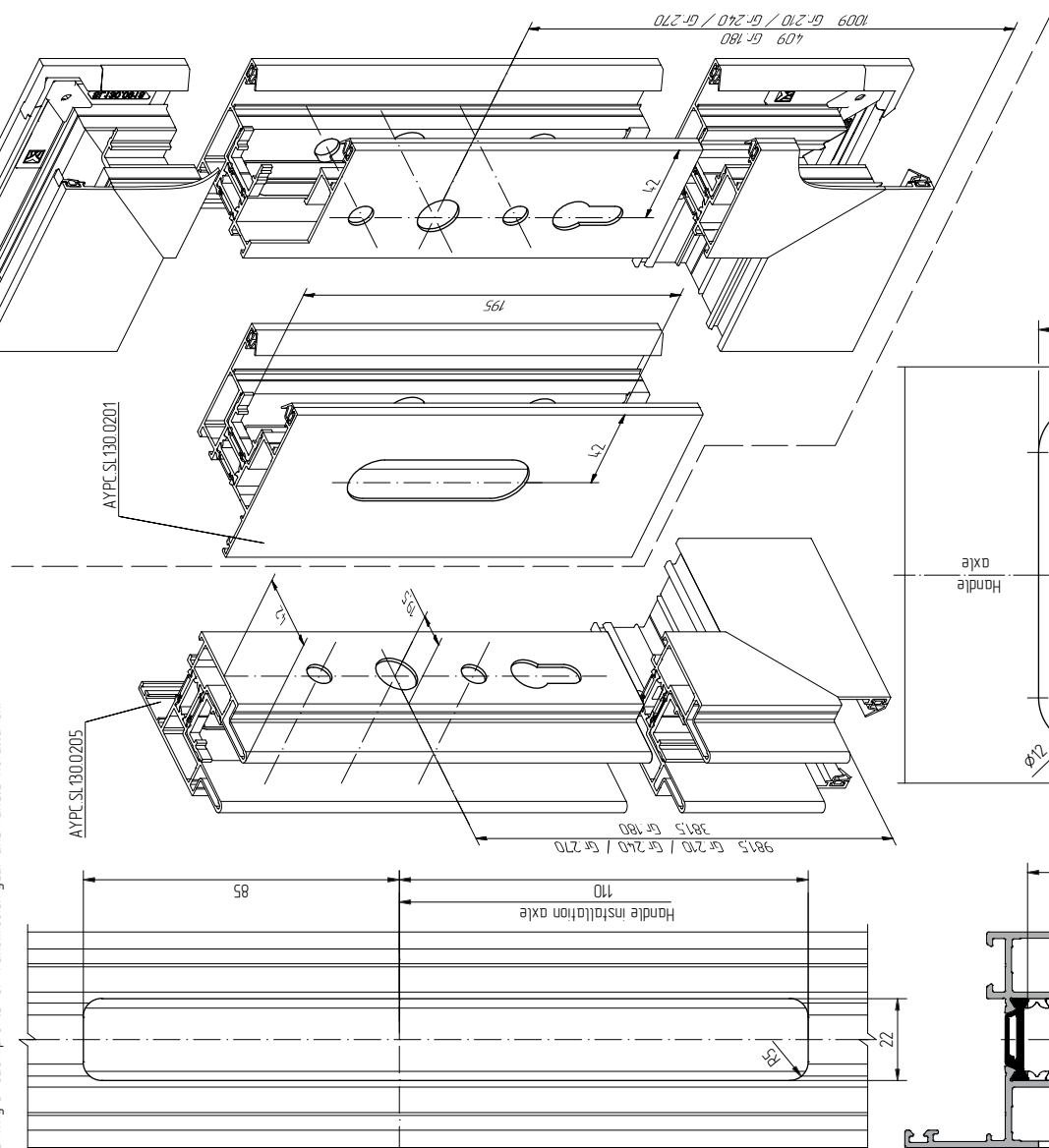


Profile machining for hardware installation. HS200 – HS270 – HS420

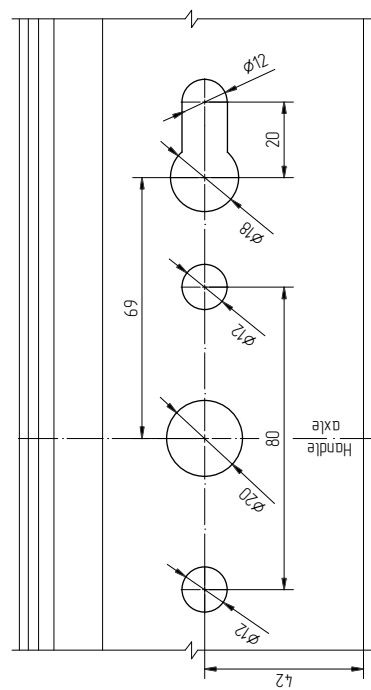
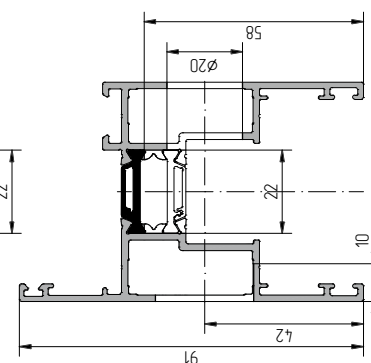
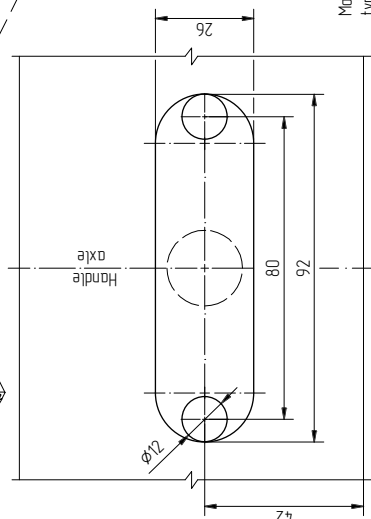
Machining of AYPCLSL130.9001 fixing profile.



Machining of sash profile for transmission gear and handle installation.



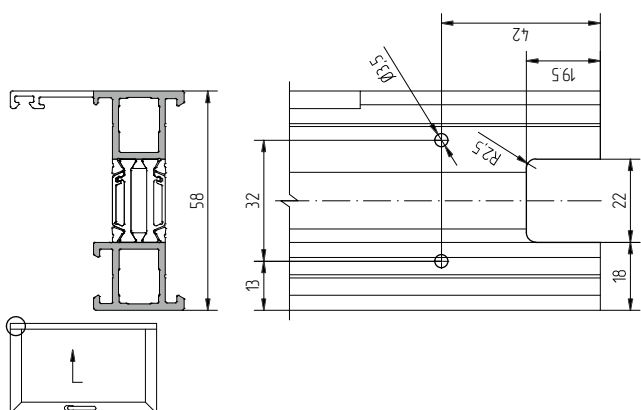
Machining combination depends on the handle types.



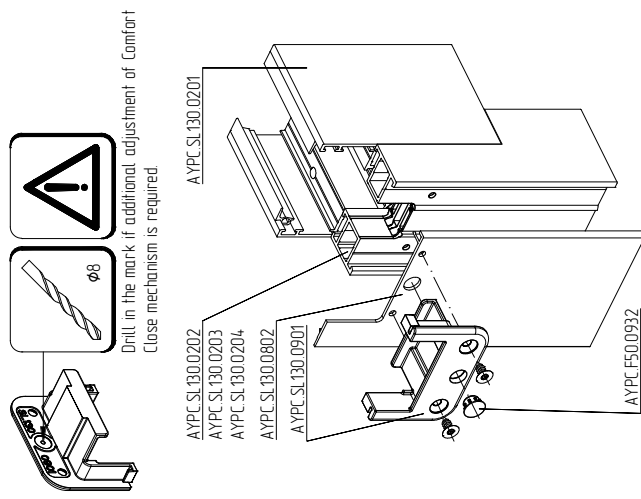
Machining combination depends on the handle types.

Profile machining for hardware installation.

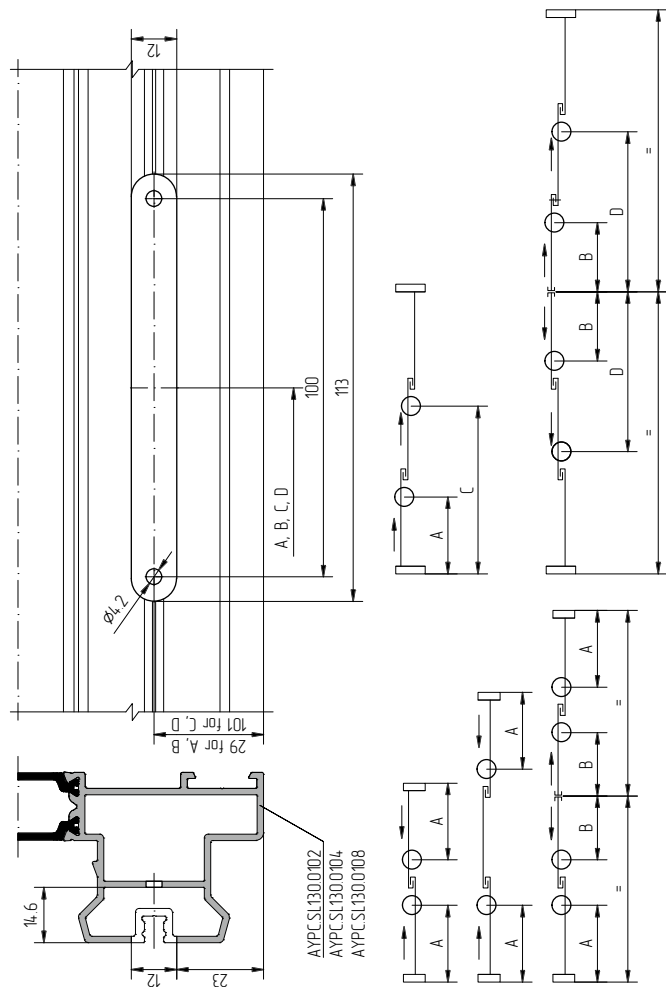
11 Machining of AYPCSL130.0202, 0203, 0204 sash profiles for installation of Comfort Close set.



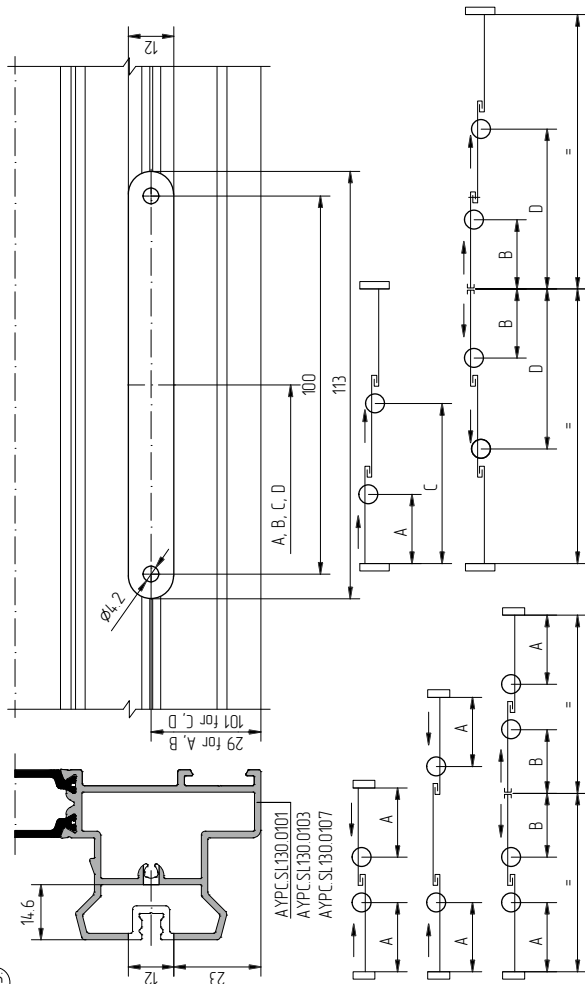
12 Machining of AYPCSL130.0901 and cap for adjusting Comfort Close set.



13 Machining of sash profiles for installation of Comfort Close mechanism hook



13 Machining of sash profiles for installation of Comfort Close mechanism hook



Variant	Calculation
A1	L _{ES} - 62
A2	L _{ES} - 50
B1	L _{ES} - 105
B2	L _{ES} - 93
C1	2xL _{ES} - 144
C2	2xL _{ES} - 137
D1	2xL _{ES} - 187
D2	2xL _{ES} - 180

Variant	Calculation
A1	L _{ES} - 90
A2	L _{ES} - 78
B1	L _{ES} - 101
B2	L _{ES} - 93
C1	2xL _{ES} - 172
C2	2xL _{ES} - 165
D1	2xL _{ES} - 187
D2	2xL _{ES} - 180

Technical drawing of the window frame assembly, showing two views: a side view and a front view.

Side View Dimensions:

- Top flange width: 20
- Distance from top flange to bottom flange: 55
- Bottom flange width: 4.2
- Frame depth: 230 for HS200/270/420, 160 for HS120/S270

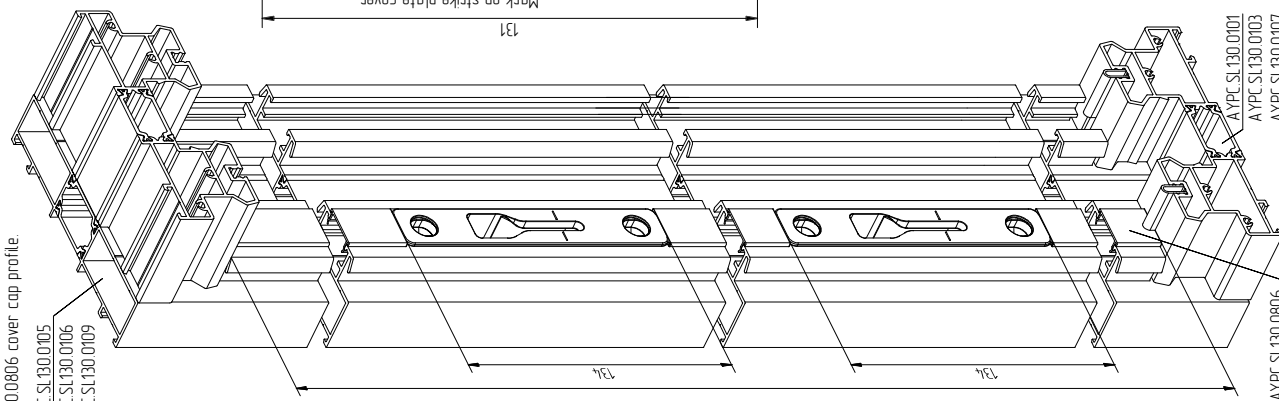
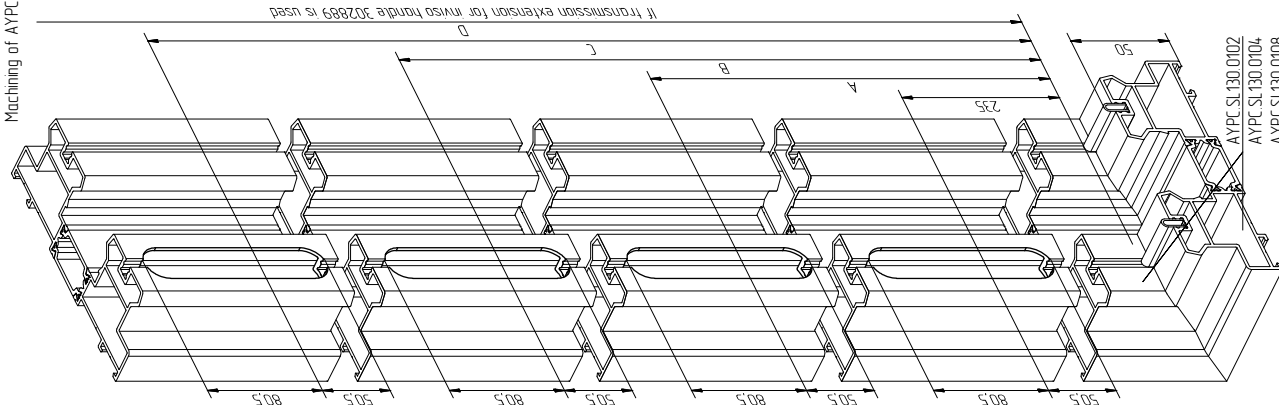
Front View Dimensions:

- Top flange width: 20
- Distance from top flange to bottom flange: 55
- Bottom flange width: 4.2
- Frame depth: 230 for HS200/270/420, 160 for HS120/S270

Warning: Maximum sash opening. If sash is in open position, handle cannot be turned.



– Maximum sash opening. If sash is in open position, handle cannot be turned



Cut AYPC-SL130.0806 profile after installation and adjustment of invisible set

HS120 – HS200 – HS270 – HS420				
Type	A, mm	B, mm	C, mm	D, mm
Gr 180	–	585	985	–
Gr 210			1585	–
Gr 240	735	1185	1885	align with the locking point of 302889
Gr 270			2185	



ALUTECH SL130
Patio systems

HARDWARE INSTALLATION

01

02

03

04

05

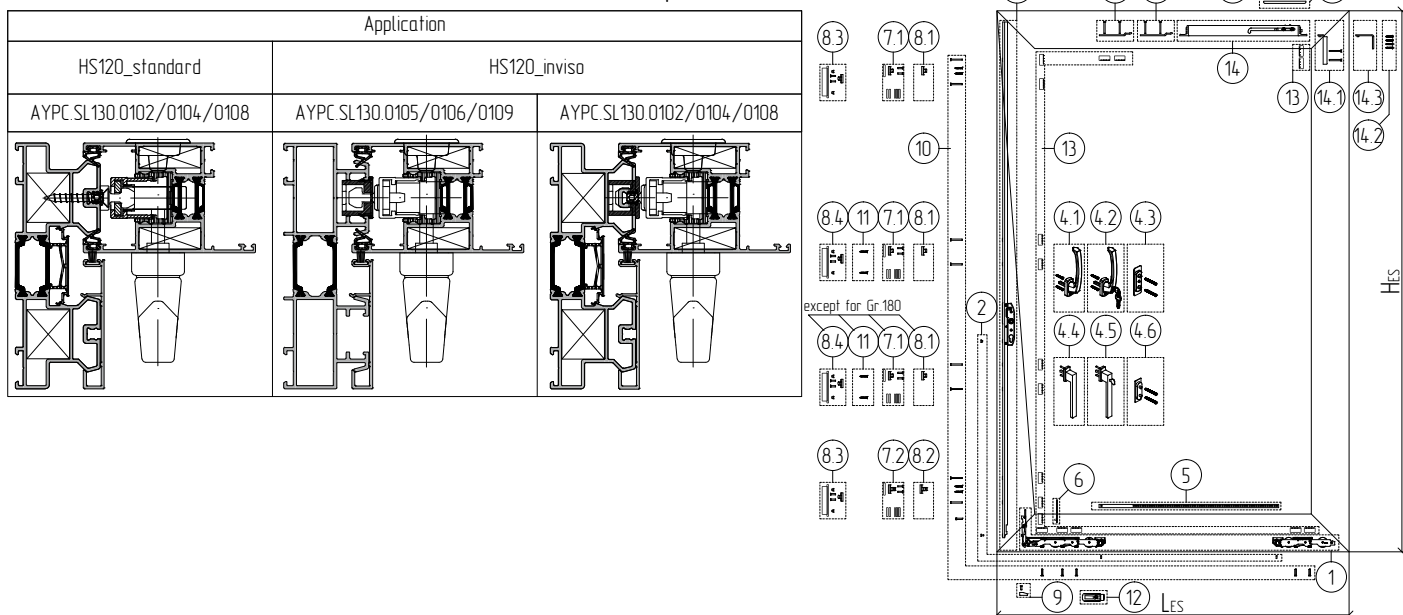
06

07

08

09

Calculation example for HS120 hardware



Quantity according to the type of structure, pcs [] – optional use						Name		HS120 standard	HS120 inviso	No.	Notes	
A1, A2, C1	A3, A5, A6, C3	A7, A8, C4	A9, A10	D1	D5			Article				
1	2	2	4	2	4	Roller set		193720		1		
1	2	2	4	2	4	Fixing set		189490		2		
1	2	2 standard	2 + 2 standard	1 + 1* see 09.11	2 standard + 2* see 09.11	Handle transmission	Gr.180	246866	304758	3	1200<Hes<1901	
							Gr.210	246869	304759		1902<Hes<2201	
							Gr.240	246872	304760		2202<Hes<2500	
1	2	2	4	2 see 09.11	4 see 09.11	HAUTAU handles	161 EG	206209		4.1		
							161 EG–S	206218		4.2		
[1]	[2]	[2]	[4]	[1]	[2]		External flush pull handle	223548		4.3		
1	2	2	4	2 see 09.11	4 see 09.11	MEDOS handles	PSK Dublin handle	128PSK		4.4		
							PSK Dublin handle with key	129PSK		4.5		
[1]	[2]	[2]	[4]	[1]	[2]		PSK external flush pull handle	128PSM		4.6		
1	2	2	4	2	4	Connecting rod	Gr.150S+	184578		5	650<Les<1360	
							Gr.200S+	184581			1361<Les<1860	
							Gr.250S+	184584			1861<Les<2000	
1	2	2	4	2	4	Spacer support 7.5 mm		196433		6		
–	–	1+{1}or{2}	1+{1}or{2}	–	1+{1}or{2}	Double casement hook set		486335		7.1	for Gr.180 max {1}	
–	–	1	1	–	1	Double casement hook set with microventilation		486336		7.2		
1+{1}or{2}	2+{2}or{4}	–	2+{2}or{4}	1+{1}or{2}	–	Locking points	standard	Locking bolt with positioning	214401	–	8.1	for 1 pc. Gr.180 max {1}
1	2	–	2	1	–			Locking bolt with positioning and microventilation	214404	–	8.2	
1	2	–	2	1	–		inviso	inviso locking point set (2 pcs)	–	305428	8.3	
{1}or{2}	{2}or{4}	–	{2}or{4}	{1}or{2}	–			inviso locking point	–	305427	8.4	for 1 pc. Gr.180 max {1}
[1]	[2]	[2]	[4]	[2]	[4]	Bottom locking point		186934		9		

Quantity according to the type of structure, pcs [] – optional use						Name		HS120 standard	HS120 inviso	No.	Notes
A1, A2, C1	A3, A5, A6, C3	A7, A8, C4	A9, A10	D1	D5			Article			
1	2	2	4	2	4	Fixing set		4.86313		10	
(According to and in case there are optional [8.1] or [8.4]) x2						Self-tapping screw		4.8x32-A2ISO14586		11	
2		4	4	4	8	Stop		187480		12	
12	24	24	48	24	48	Spacer support		AYPC.SL130.0906		13	1200<Hes<1901
14	28	28	56	28	56						1902<Hes<2500
4	8	8	16	8	16						if there is 14.1
2	4	4	8	4	8						if there is 14.2
[1]	[2]	[2]	[4]	[2]	[4]	Comfort Close mechanism		304388		14	50-120kg
[1]	[2]	[2]	[4]	[2]	[4]	Mounting set	Central ledge 100mm	4.85598		14.1	
							Central ledge 50mm	4.86334		14.2	
According to and in case there is 14.2						Bracket for Comfort Close mechanism		AYPC.SL130.1706		14.3	for 14.2
[1]	[2]	[2]	[4]	[2]	[4]	Hook for Comfort Close mechanism		305134		14.4	
-	-	-	-	[1]	[2]	Decorative cover		304816		14.5	



When choosing 4.1-4.6. handles only use of products from the same brand is acceptable.

HS200/270/420 hardware installation

standard	209738
invisa	302889



Sash width ES: min 650 mm (1120 mm HS420) – max 2360 mm (3235 mm HS420)

Sash height H_{ES}: min 1200 – max 2786 mm (3400 mm with art. 209738)

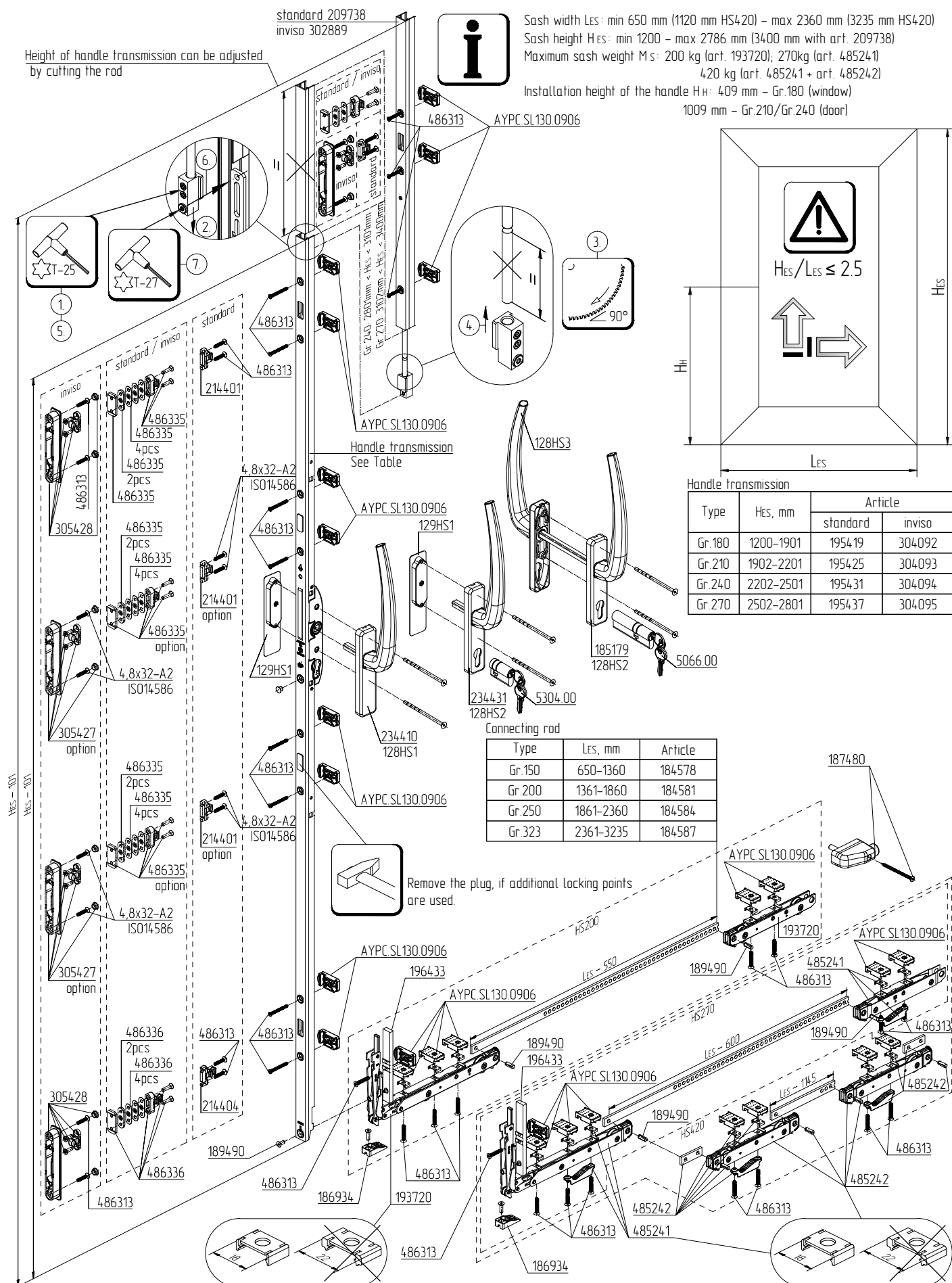
Maximum sash weight M_s: 200 kg (art. 193720); 270kg (art. 485241)

420 kg (art. 485241 + art. 485242)

Installation height of the handle H_H: 409 mm – Gr.180 (window)

1009 mm - Gr 210/Gr 240 (door)

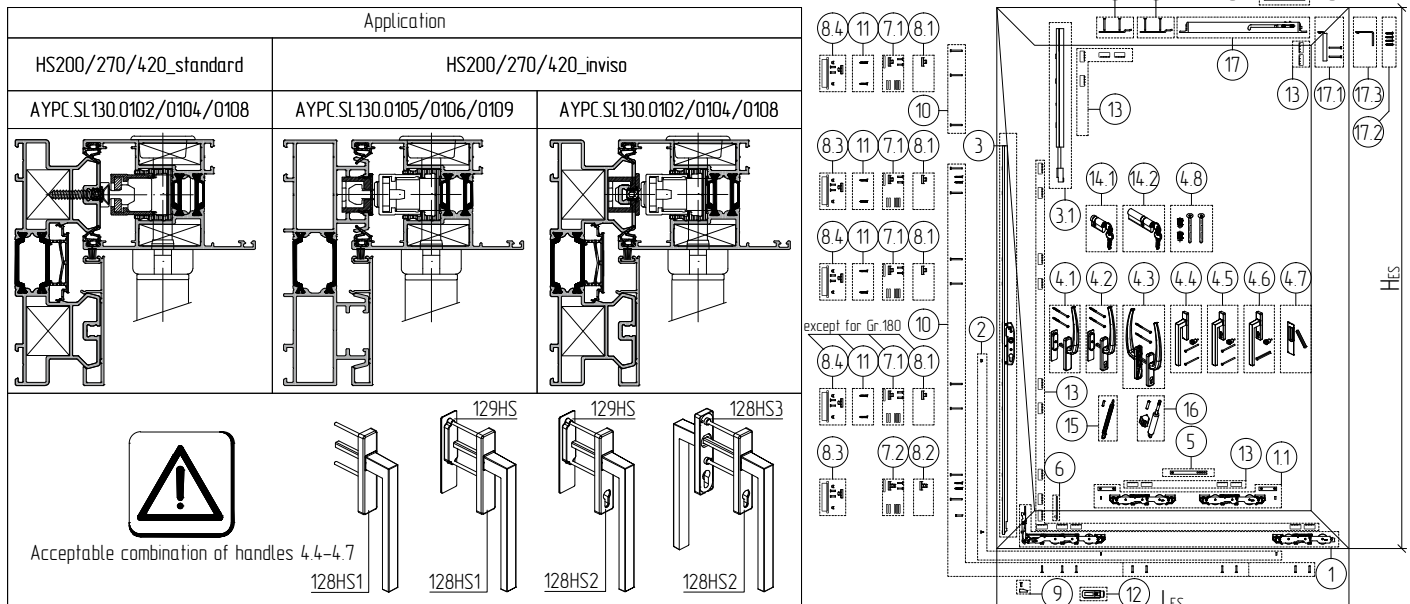
Height of handle transmission can be adjusted by cutting the rod



Handle transmission		Article	
Type	Hes, mm	standard	inviso
Gr. 180	1200-1901	195419	304092
Gr. 210	1902-2201	195425	304093
Gr. 240	2202-2501	195431	304094
Gr. 270	2502-2801	195437	304095

Type	LES, mm	Article
Gr.150	650-1360	184578
Gr.200	1361-1860	184581
Gr.250	1861-2360	184584
Gr.323	2361-3235	184587

Calculation example for HS200/270/420 hardware

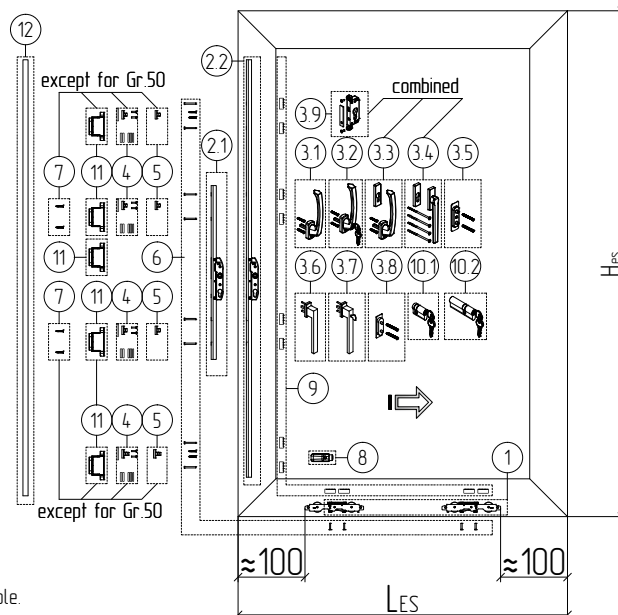
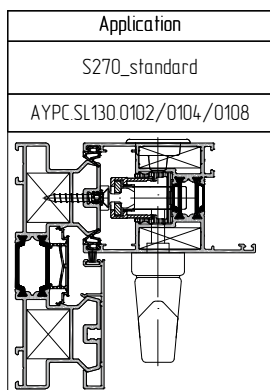


Quantity according to the type of structure, pcs [] – optional use						Name		HS200 standard	HS200 inviso	HS270 standard	HS270 inviso	HS420 standard	HS420 inviso	No.	Notes
A1, A2, C1	A3, A5, A6, C3	A7, A8, C4	A9, A10	D1	D5			Article							
1	2	2	4	2	4	Roller set		193720		485241				1	
1	2	2	4	2	4	Auxiliary roller set		–		–		485242		1.1	271 – 420 kg
1	2	2	4	2	4	Fixing set		189490						2	
1	2	2 standard	2 + 2 standard	2 see 09.11	2 + 2* see 09.11	Handle transmission	Gr.180	195419	304092	195419	304092	195419	304092	3	1200<Hes<1901 *195419
							Gr.210	195425	304093	195425	304093	195425	304093		1902<Hes<2201 *195425
							Gr.240	195431	304094	195431	304094	195431	304094		2202<Hes<2501 *195431
							Gr.270	195437	304095	195437	304095	195437	304095		2502<Hes<2801 *195437
1	2	2*	2 + 2*	1	2*	Handle transmission extension		209738	302889	209738	302889	209738	302889	3.1	2802<Hes<3400 *209738
1	2	2	4	2 see 09.11	4 see 09.11	HAUTAU handle set	Handle	234410						4.1	
							Handle Pz/I	234431						4.2	
							Handle Pz/IE H	185179						4.3	
1	2	2	4	2 see 09.11	4 see 09.11	MEDOS handles	Internal handle without cylinder hole	128HS1						4.4	Quantity of chosen handle combination is specified according to page 09.05
							Internal handle with cylinder hole	128HS2						4.5	
							External handle with cylinder hole	128HS3						4.6	
							External flush pull handle	129HS						4.7	
–	–	–	–	1 see 09.11	2 see 09.11	Handle fastening kit		225496						4.8	for 4.1 or 4.4
1	2	2	4	2	4	Connecting rod	Gr.150S+	184578						5	650<Les<1360
							Gr.200S+	184581							1361<Les<1860
							Gr.250S+	184584							1861<Les<2360
							Gr.323S+	184587							2361<Les<3235

Quantity according to the type of structure, pcs [] – optional use						Name			HS200 standard	HS200 inviso	HS270 standard	HS270 inviso	HS420 standard	HS420 inviso	No.	Notes	
A1, A2, C1	A3, A5, A6, C3	A7, A8, C4	A9, A10	D1	D5				Article								
1	2	2	4	2	4	Spacer support 7.5 mm			196433						6		
–	–	1+{1}or{2}	1+{1}or{2}	–	1+{1}or{2}	Double casement hook set			486335						7.1	for Gr.180 max {1}	
–	–	1	1	–	1											2802<Hes<3400	
–	–	1	1	–	1	Double casement hook set with microventilation			486336						7.2		
1+{1}or{2}	2+{2}or{4}	–	2+{2}or{4}	1+{1}or{2}	–	Locking points	standard	Locking bolt with positioning	214401	–	214401	–	214401	–	8.1	for 1pc. Gr.180 max {1}	
1	2	–	2	1	–												2802<Hes<3400
1	2	–	2	1	–			Locking bolt with positioning and microventilation	214404	–	214404	–	214404	–	8.2		
1	2	–	2	1	–		inviso	inviso locking point set (2pcs)	–	305428	–	305428	–	305428	8.3		
{1}or{2}	{2}or{4}	–	{2}or{4}	{1}or{2}	–			inviso locking point	–	305427	–	305427	–	305427	8.4	for 1pc. Gr.180 max {1}	
1	2	–	2	1	–												2802<Hes<3400
{1}	{2}	{2}	{4}	{2}	{4}	Bottom locking point			186934						9		
1	2	2	4	2	4	Fastening kit			486313						10		
1	2	2	4	2	4											271 – 420 kg	
1	2	2	4	2	4											2802<Hes<3400	
(According to and in case there are optional {8.1} or {8.4}) x2						Self-tapping screw			4.8x32–A2ISO14586						11		
2	4 2 for A3	4	4	4	8	Stop			187480						12		
12	24	24	48	24	48	Spacer support			AYPC.SL130.0906						13	1200<Hes<1901	
14	28	28	56	28	56											1902<Hes<2801	
4	8	8	16	8	16											271 – 420 kg	
3	6	6	12	6	12											2802<Hes<3400	
4	8	8	16	8	16											if there is 17.1	
2	4	4	8	4	8											if there is 17.2	
According to and in case there is 4.2 or 4.5 handle						45x10 cylinder			5304.00						14.1	for 4.2. 4.5	
According to and in case there is 4.3 or 4.6 handle						45x45 cylinder			5066.00						14.2	for 4.3. 4.6	
1	2	2	4	2	4	Microlift			<200 kg – 239654 >200 kg – 239657						15	except for Gr.180	
{1}	{2}	{2}	{4}	{2}	{4}	Gas lift			>120 kg– 247164						16	except for Gr.180	
{1}	{2}	{2}	{4}	{2}	{4}	Comfort Close mechanism			≤200 kg– 304388 >200..300 kg– 304389						17		
{1}	{2}	{2}	{4}	{2}	{4}	Mounting kit	Central ledge 100 mm			485598						17.1	
							Central ledge 50 mm			486334						17.2	
According to and in case there is 17.2						Bracket for Comfort Close mechanism			AYPC.SL130.1706						17.3		
{1}	{2}	{2}	{4}	{2}	{4}	Hook for Comfort Close mechanism			305134						17.4		
–	–	–	–	{1}	{2}	Decorative cover			304816						17.5		

When choosing 4.1–4.7. handles only use of products from the same brand is acceptable.

Calculation example for S270 hardware



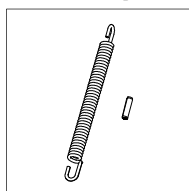
When choosing 3.1–3.8. handles only use of products from the same brand is acceptable.

Quantity according to the type of structure, pcs [] – optional use						Name		S270 standard	No.	Application	
A1	A2, C1	A3, A5, A6, C3	A7, A8, C4	A9, A10	D1			D5			Article
1		2	2	4	2	4	Roller set		486356	1	
1	2	1 see 09.11	3	1 see 09.11	1 see 09.11	Handle transmission	Gr.50	215529	2.1	650<Hes<1850	
							Gr.200	215532	2.2	1851<Hes<2700	
1	2	1 see 09.11	3	1 see 09.11	1 see 09.11	HAUTAU handles	161 EG	206209	3.1		
							161 EG-S	206218	3.2		
							161 EG-Pz/I	206227	3.3	1851<Hes<2700	
[1]	[2]	[1]	[3]	[1]	[1]		160 EG-Pz/A	163275	3.4	Only for 3.3	
							External flush pull handle	223548	3.5		
1	2	1 see 09.11	3	1 see 09.11	1 see 09.11	MEDOS handles	PSK Dublin handle	128PSK	3.6		
							PSK Dublin handle with key	129PSK	3.7		
[1]	[2]	[2]	[4]	[1]	[1]		PSK external flush pull handle	128PSM	3.8		
According to and in case there is 3.3						Lockcase		203130	3.9	Only for 3.4	
-	-	2	2	-	2	Double casement hook set	486335	4	1851<Hes<2700		
		[1] or [2]	[1] or [2]								
2	4	-	4	2	-	Locking bolt with positioning	214401	5	1851<Hes<2700		
[1] or [2]	[2] or [4]		[2] or [4]	[1] or [2]							
1	2	2	4	2	4	Fastening kit		486313	6		
According to and in case there are optional [5] x2						Self-tapping screw		4.8x32-A2ISO14586	7	1851<Hes<2700	
2		4	4	4	8	Stop		187480	8		
8	16	18	34	12	26	Spacer support	AYPC.SL130.0906	9	650<Hes<1850		
12	24	22	46	16	30				1851<Hes<2700		
-	-		-								

Quantity according to the type of structure, pcs [] – optional use						Name	S270 standard	No.	Application
A1, A2, C1	A3, A5, A6, C3	A7, A8, C4	A9, A10	D1	D5		Article		
According to and in case there is 3.3						40/10 cylinder	DBCY-40/10	10.1	
According to and in case there is 3.4						40/40 cylinder	DBCY-40/40	10.2	
-	-	1	1	-	1	Support set	AYPC.SL130.0910K	11	650<Hes<1850
-	-	1 + [1]	1 + [1]	-	1 + [1]				1851<Hes<2700
-	-	1	1	-	1	Decorative profile	AYPC.SL130.1907	12	1pc. 2.5 m long

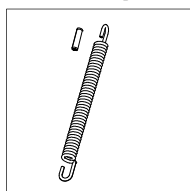
Microlift/Gaslift installation on lift-and-slide sashes

<200 kg



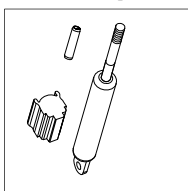
239654

>200 kg



239657

>120 kg



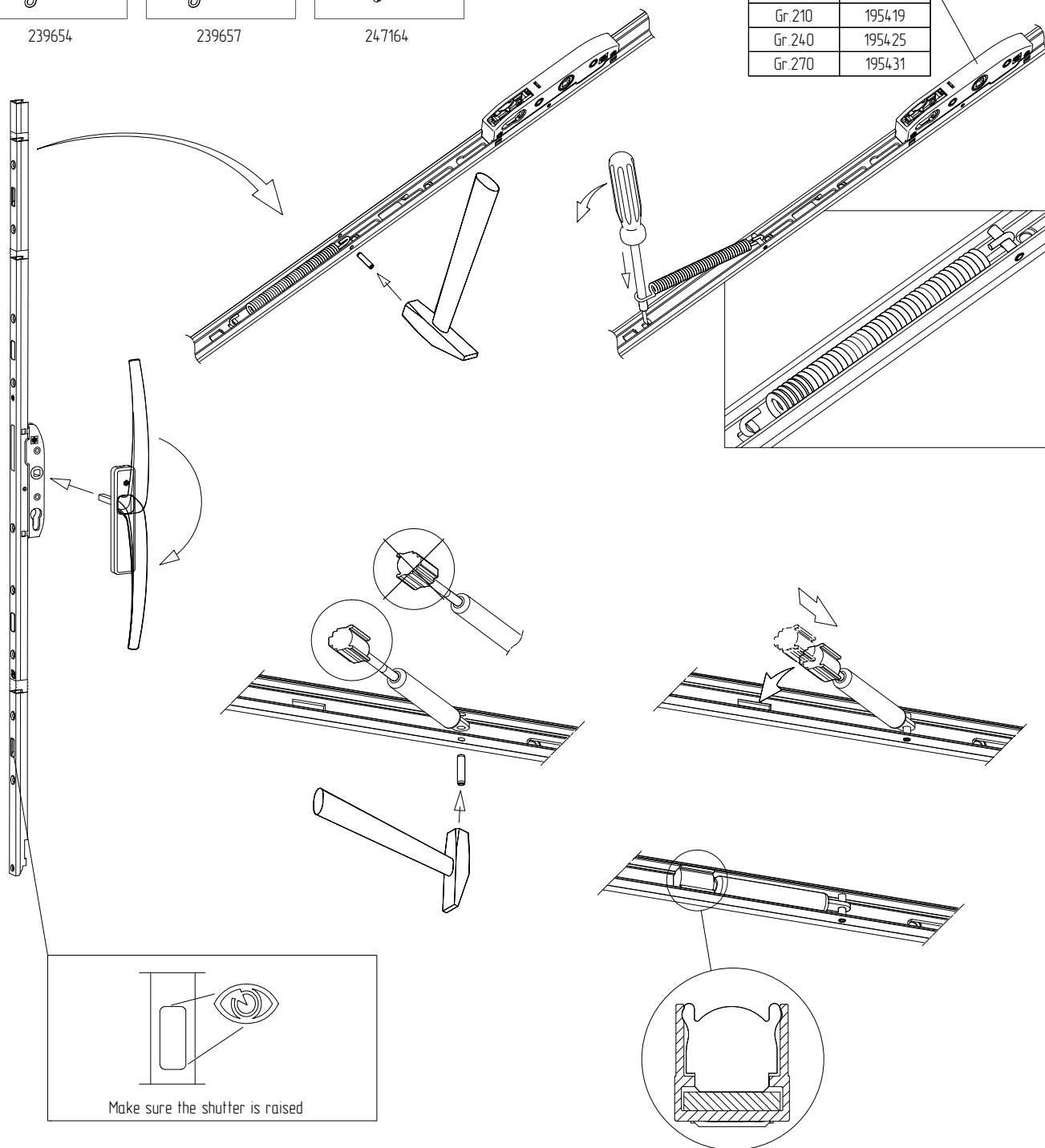
247164



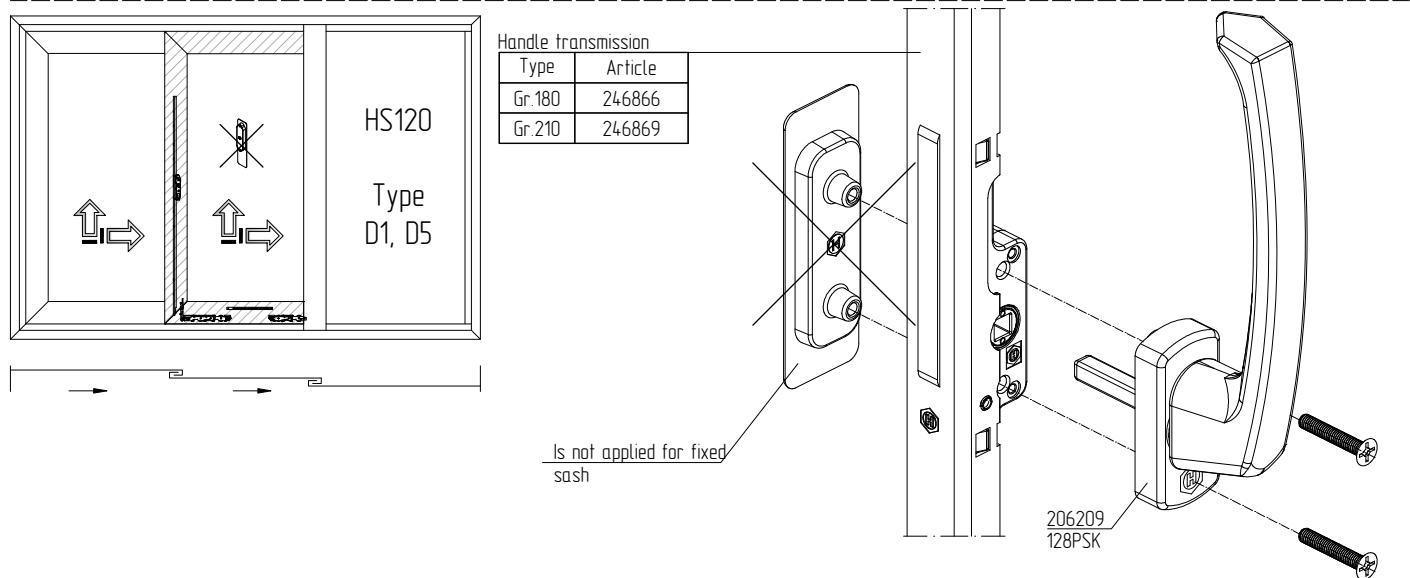
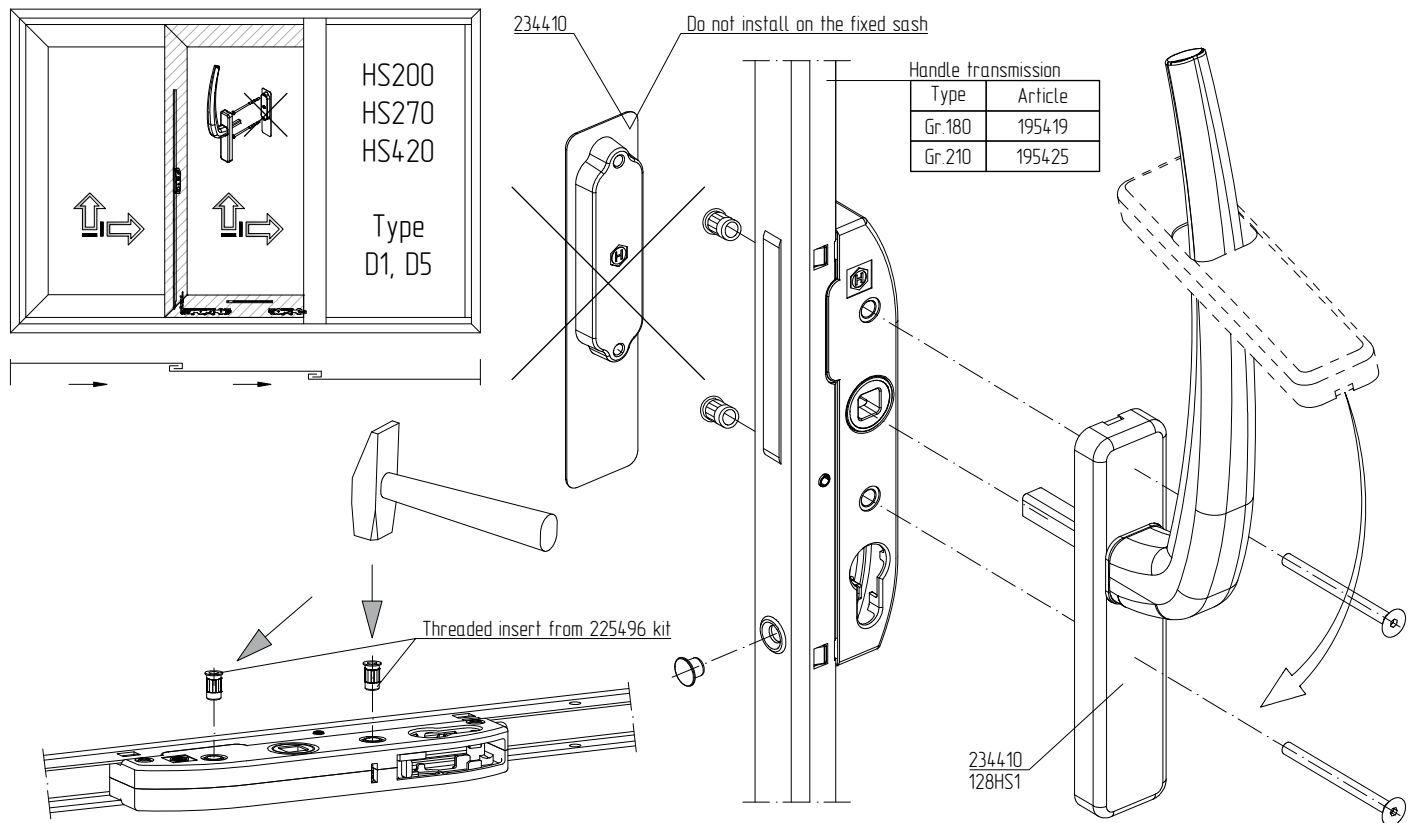
$H_{ES} > 1902 \text{ mm}$

Handle transmission

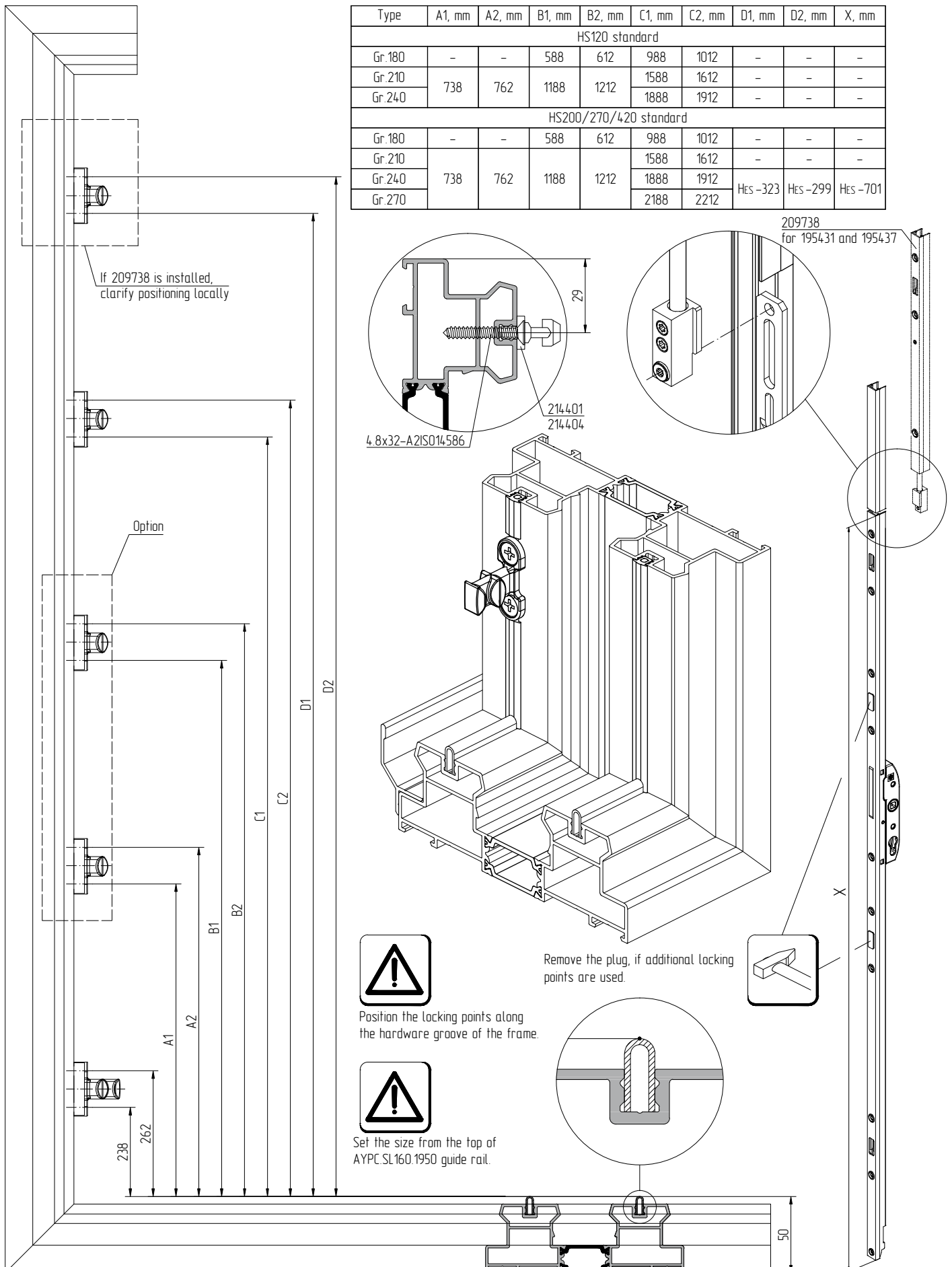
Type	Article
Gr. 210	195419
Gr. 240	195425
Gr. 270	195431



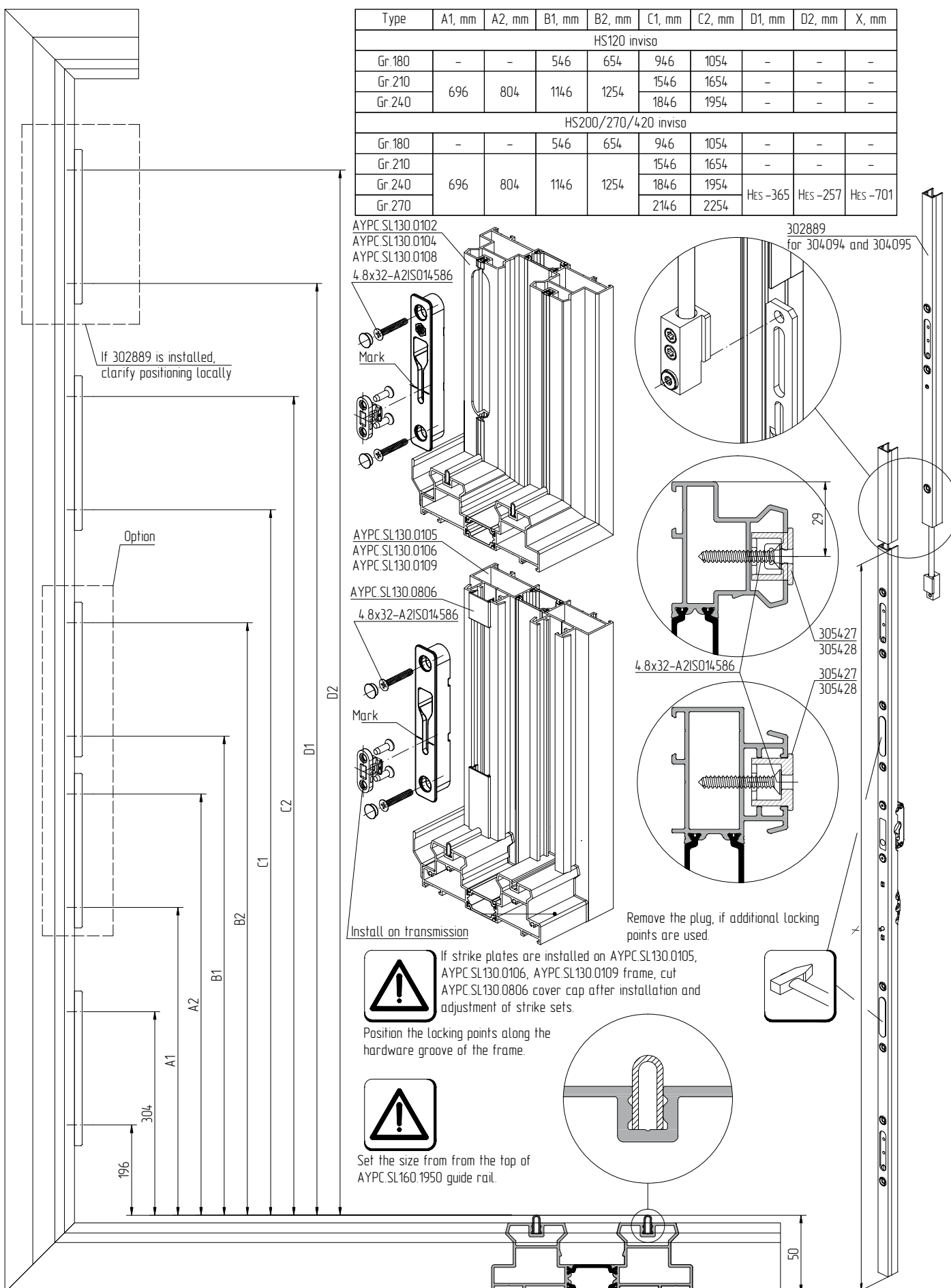
Installation of single-sided handle onto the fixed sash



Installation of standard locking elements. HS120/200/270/420



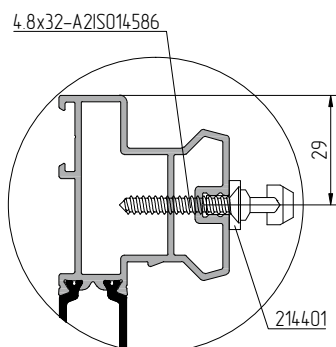
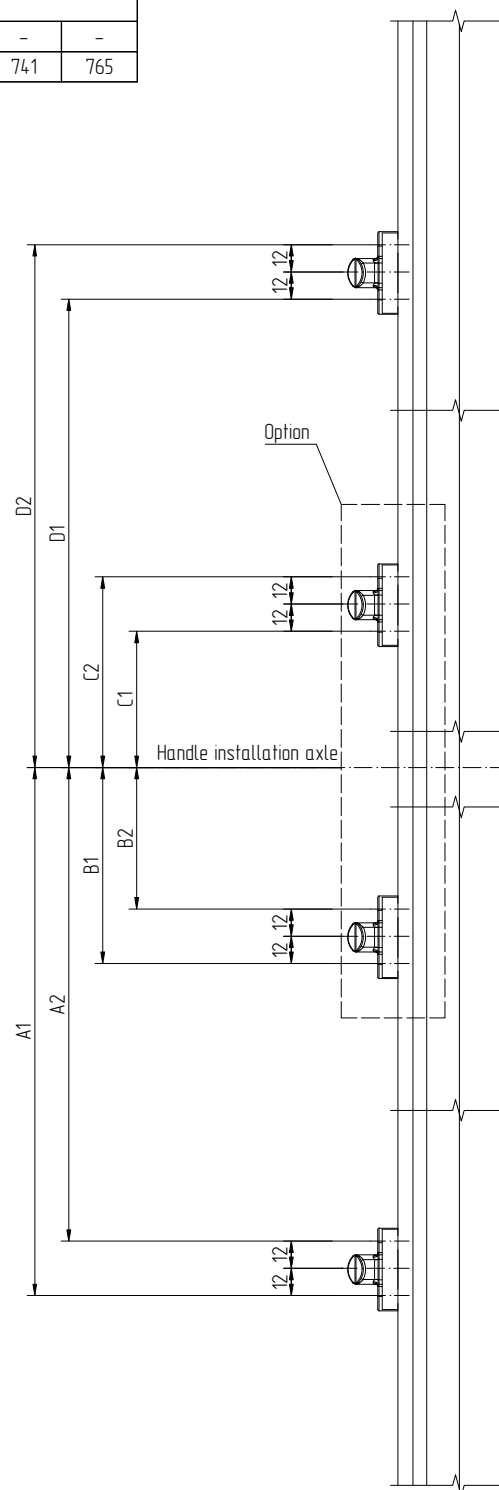
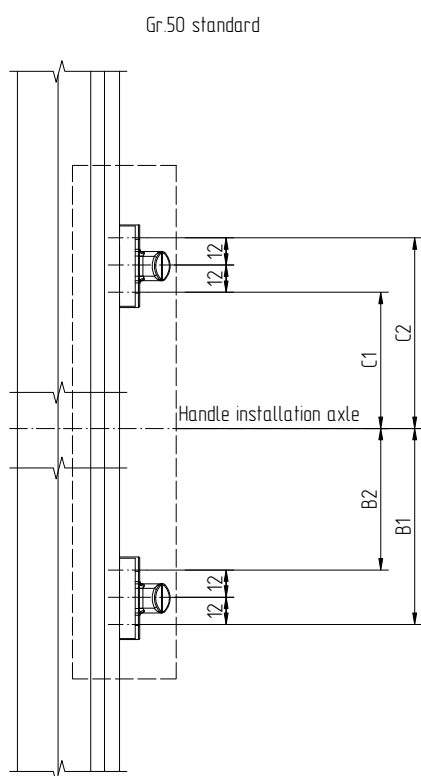
Installation of invisio locking elements. HS120/200/270/420



Installation of locking elements. S270

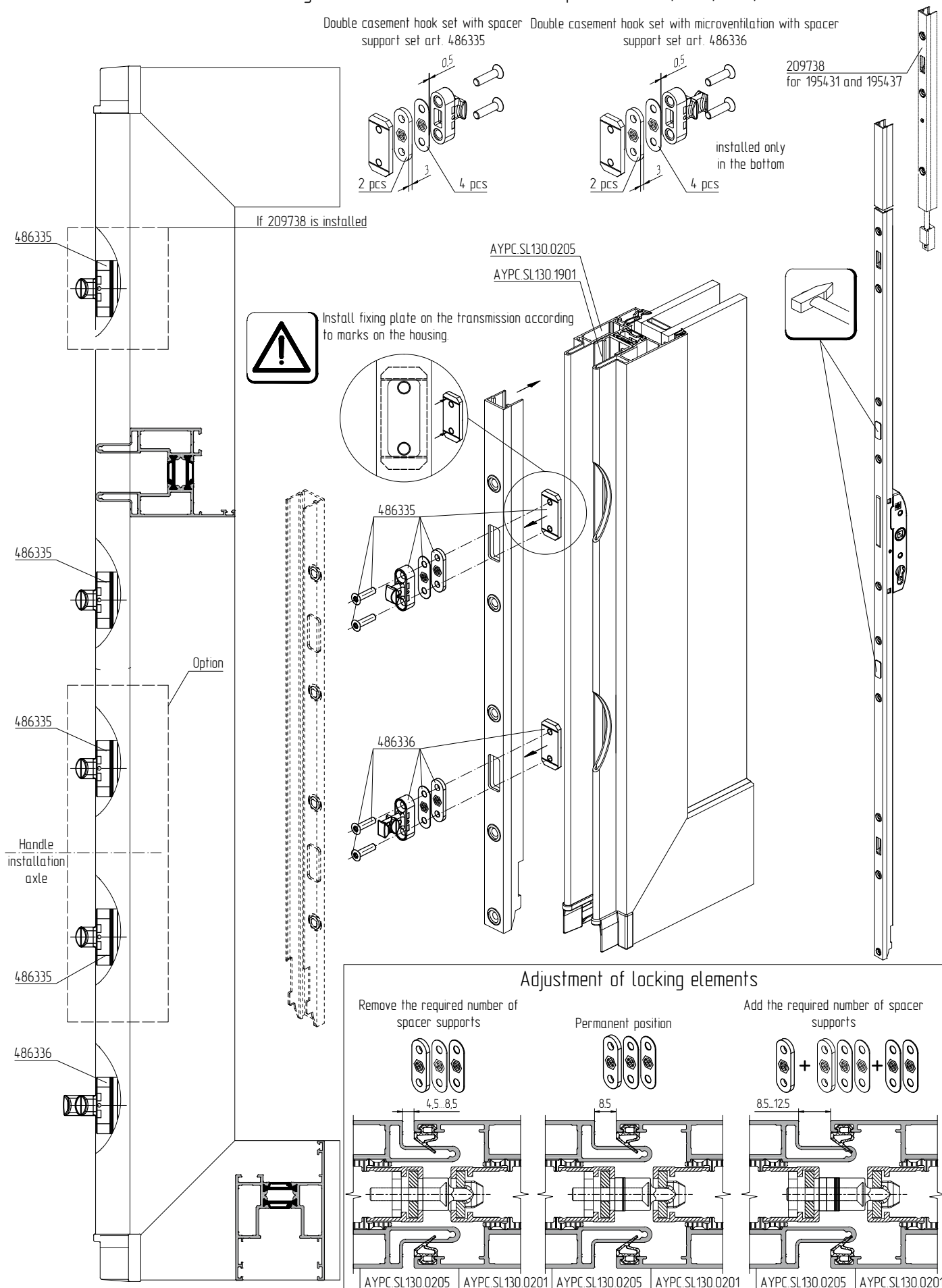
Type	A1, mm	A2, mm	B1, mm	B2, mm	C1, mm	C2, mm	D1, mm	D2, mm
S270 standard								
Gr 50	-	-	167	143	133	157	-	-
Gr 200	759	735	259	235	291	315	741	765

Gr 200 standard



Position the locking points along the hardware groove of the frame.

Installation of locking elements onto double casement profile: HS120/200/270/420



Installation of locking elements onto double casement profile. S270

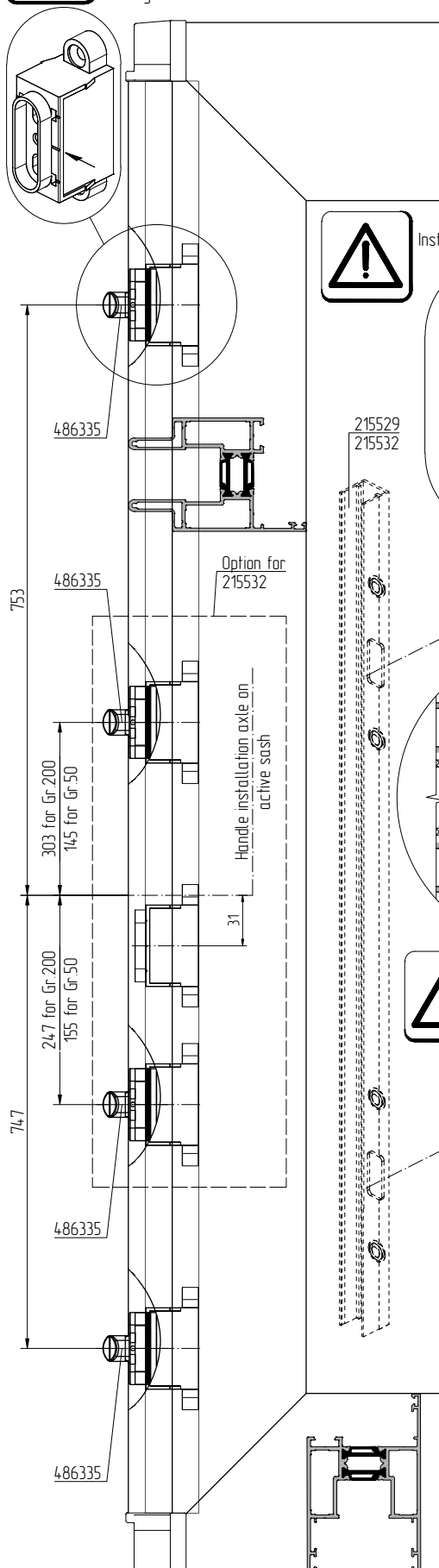


Install the supports and fix by marks on their housing

Support set art.
AYPC.SL130.0910K

Double casement hook set with spacer
support set art. 486335

Decorative profile
art. AYPC.SL130.1907

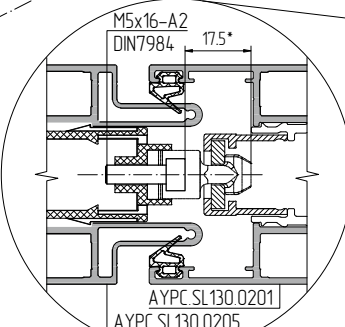


Install fixing plate and fix with hook by marks on the support housing.

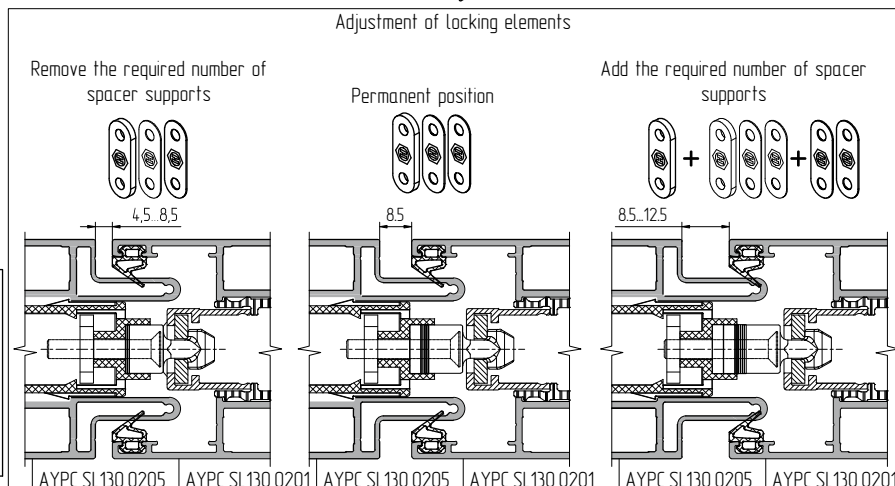
AYPC.SL130.0205
fixed sash

AYPC.SL130.1907

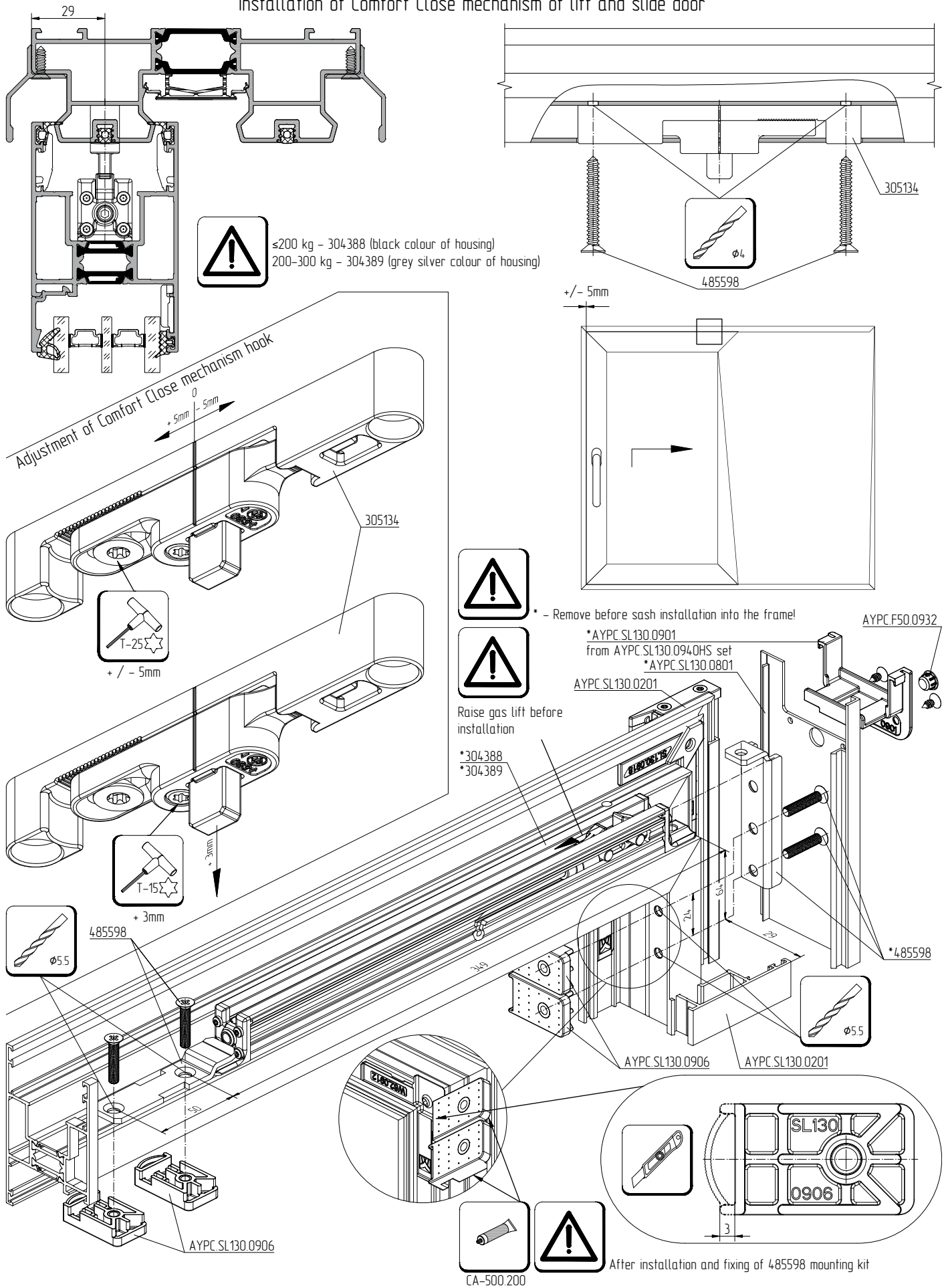
Remove the plug, if additional locking
points are used.



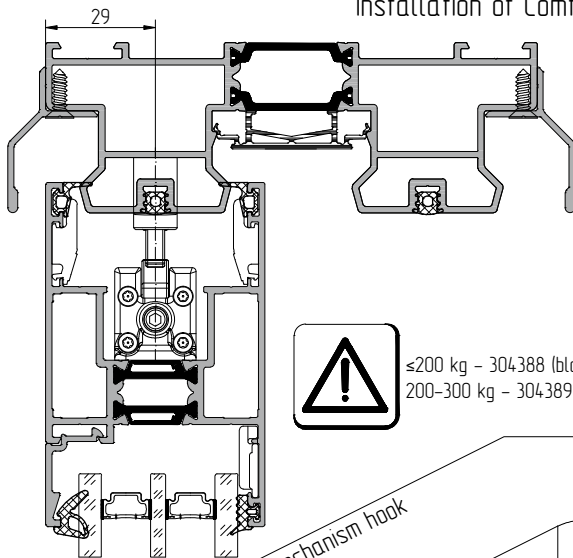
* - After adjustment of
locking elements



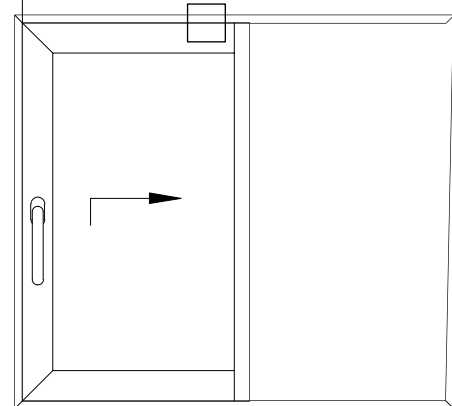
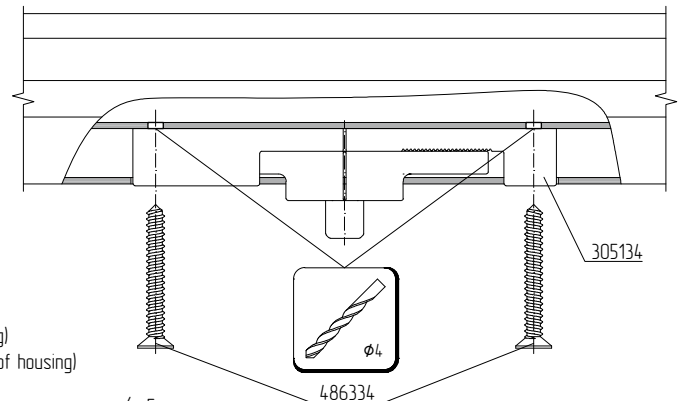
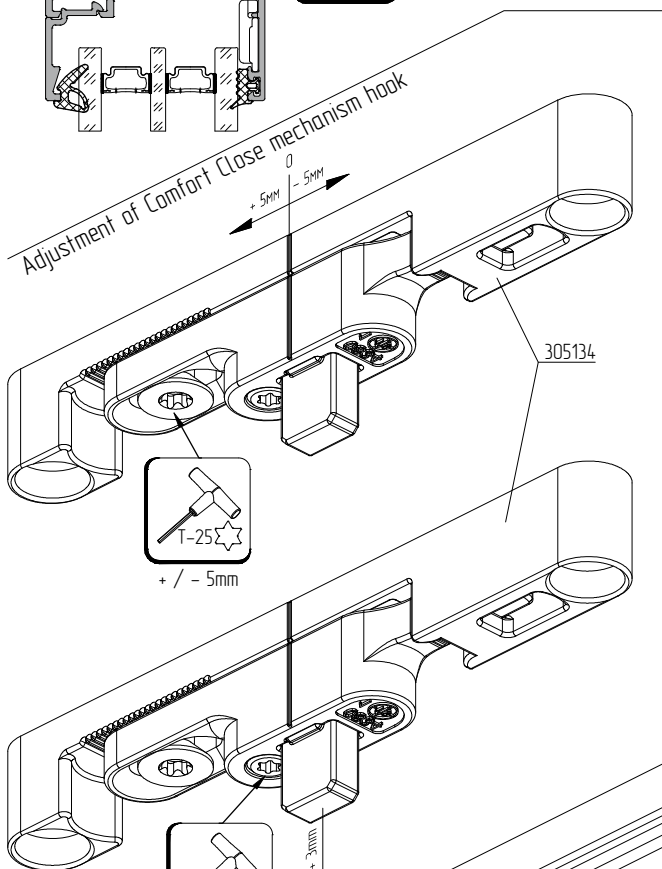
Installation of Comfort Close mechanism of lift and slide door



Installation of Comfort Close mechanism of lift and slide door



≤200 kg – 304388 (black colour of housing)
200–300 kg – 304389 (grey silver colour of housing)



Raise gas lift before installation

*304388
*304389

*AYPC.SL130.0901
from AYP.C.SL130.0940HS-01 set
*AYPC.SL130.0802

AYPC.SL130.0201

AYPC.F50.0932

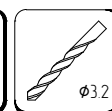


+3mm



+3mm

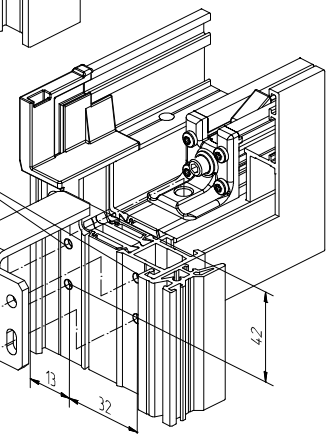
AYPC.SL130.0202
AYPC.SL130.0203
AYPC.SL130.0204



After pre-fixing the bracket to the bottom pair of self-tapping screws

*3.9x13-A2IS014585
from 486334 set

*AYPC.SL130.1706



* – Remove before sash installation into the frame!