

Series 2.1 Lifting-Sliding

**Sliding window/sliding door/lifting-sliding door construction
made from thermally insulated profiles**

Information on the Series*	Design features	<ul style="list-style-type: none"> • Various design possibilities for sliding windows or doors and lifting-sliding doors • Sash arrangement: two- to four-sash units, one to four slidable sashes, two roller rails • Max. sash weight 250 kg • Max. sash height 2400 mm with a max. sash width of 1100 mm, max. sash width 2000 mm with a max. sash height of 1950 mm • Factory-mounted insulating composite • Can be coated at a later time • Numerous easy to mount wall connecting variants
	Surfaces	<ul style="list-style-type: none"> • Anodisation in accordance with DIN 17611 • Plastic coating (wet paint, powder coating lacquer) in accordance with DIN 50939
	Connecting technology	<ul style="list-style-type: none"> • Corner bracket: crimpable, nailable, retro gluing after assembly • T-bracket for sash transom
	Elevation width	<ul style="list-style-type: none"> • Lateral: 109 mm • Bottom/top: 145 mm • Interlockung area: 115 mm • Joint scheme C, F: 196 mm
	Profile depth	<ul style="list-style-type: none"> • Fixed frame: 146 mm, Sash: 60 mm
	Insulating zone	<ul style="list-style-type: none"> • Factory-mounted, glass fibre-reinforced polyamide strips
	Glazing	<ul style="list-style-type: none"> • Glass thickness between 18 mm and 41 mm
	Gaskets	<ul style="list-style-type: none"> • For lifting-sliding EPDM gasket profiles, for sliding windows/doors woven pile weather strip with poly-brush and poly-base with middle bridge in the interlocking area • Glazing gasket: EPDM gaskets, drawn in continuously
	Rollers	<ul style="list-style-type: none"> • Sliding window/door: individual rollers for 80 kg and tandem rollers for 150 kg sash weight • Lifting-sliding door: 4-roller tandem roller for sash weights of 150 kg and 250 kg

Building physics*	Thermal insulation	DINV 4108-4 EN ISO 10077-2	$U_{f,BW} = 3.0 \text{ W/m}^2\text{K}$ U_f see SCT register
	Resistance to wind load	DIN 18055	B

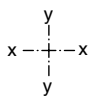
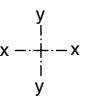
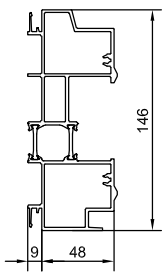

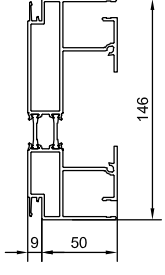

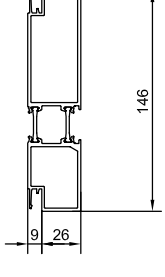

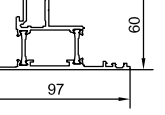

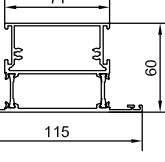



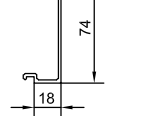

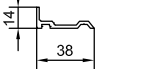

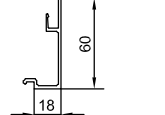
* All standards referred to herein, were valid at time of printing.

Valid test reports as well as technical information can be found in the download area of the site www.hueck-hartmann.com

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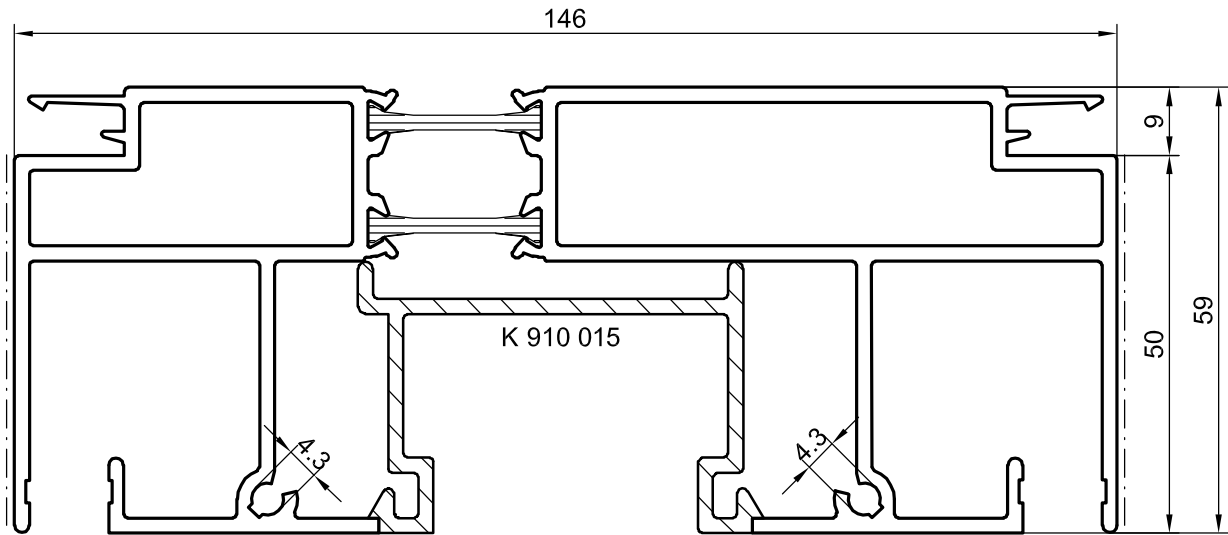
Profile overview and static profile values for Series 2.1 Lifting-Sliding

	Profile number	$I_{xid} [cm^4]$					External perimeter excluding insulating zone	Page 2.1		Profile number	$I_{xid} [cm^4]$					External perimeter excluding insulating zone	Page 2.1
		L [cm]	Distance between supports L [cm] in compliance with the guideline issued by the Institute of Building Technology								Glazing						
		<200	from ≥ 200	from >250	from >300	from >400				<200		from ≥ 200	from >250	from >300	from >400		
	B556 180	169	-	-	-	-	589	5		P594 053	-	-	-	-	-	122	1
	B556 181	181	-	-	-	-	857	5		P594 057	-	-	-	-	-	109	1
	B556 182	145	-	-	-	-	425	6		P594 058	-	-	-	-	-	109	1
	B556 280	-	-	-	-	-	488	6		P594 059	-	-	-	-	-	110	1
	B556 380	32	-	-	-	-	410	7		P594 064	-	-	-	-	-	116	1
	P452 672	-	-	-	-	-	161	6		P494 071	-	-	-	-	-	121	1
	P452 680	-	-	-	-	-	294	7		P494 072	-	-	-	-	-	131	1
	P452 681	-	-	-	-	-	114	7		P494 073	-	-	-	-	-	139	1
	P452 682	-	-	-	-	-	214	7									

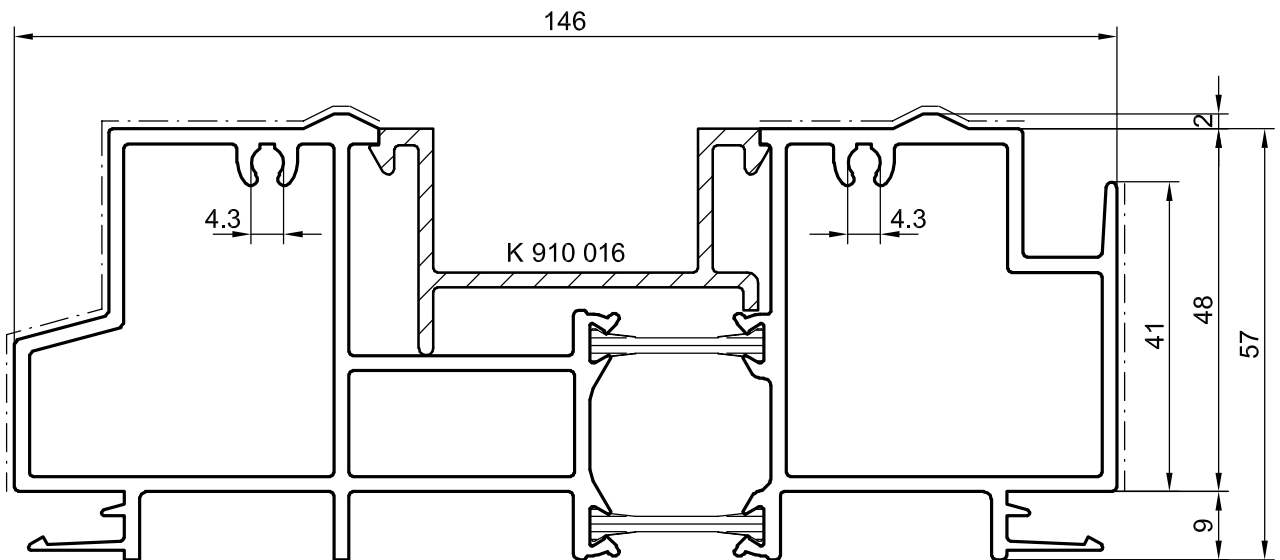
I_{xid} = effective moment of inertia

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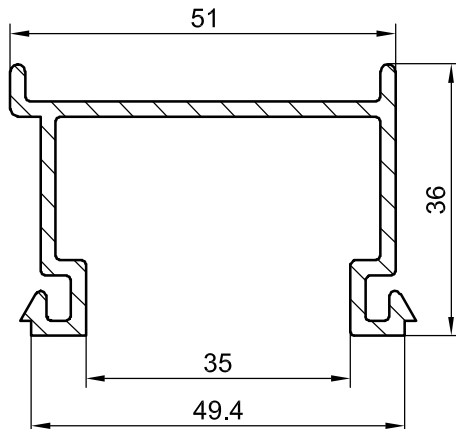
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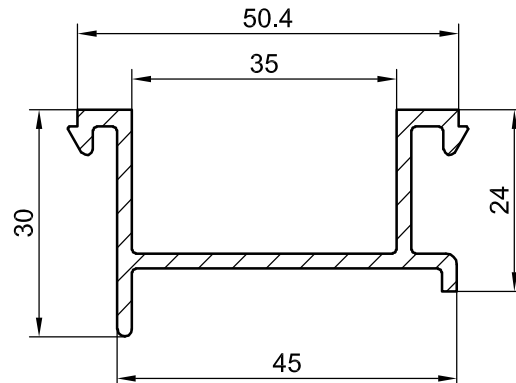
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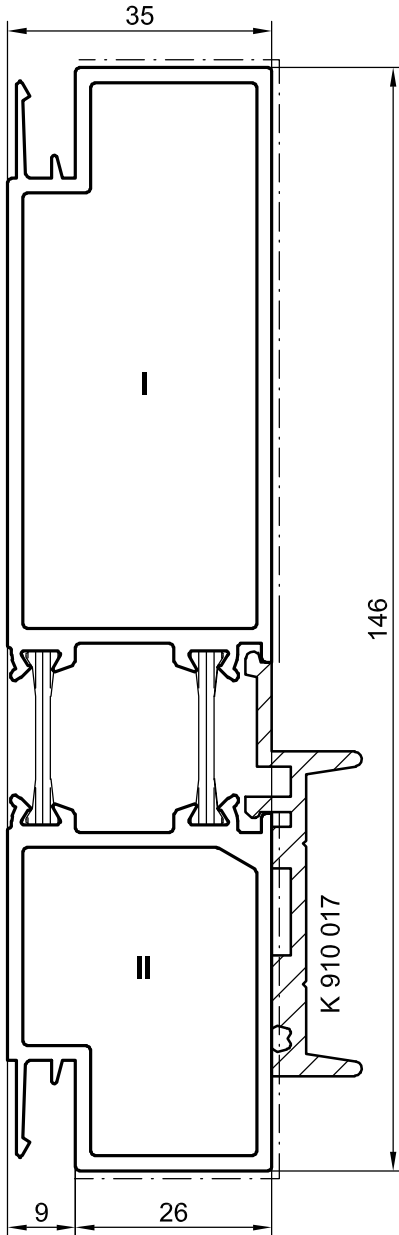
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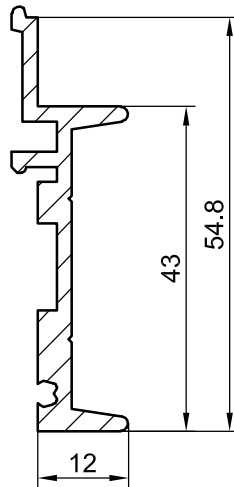
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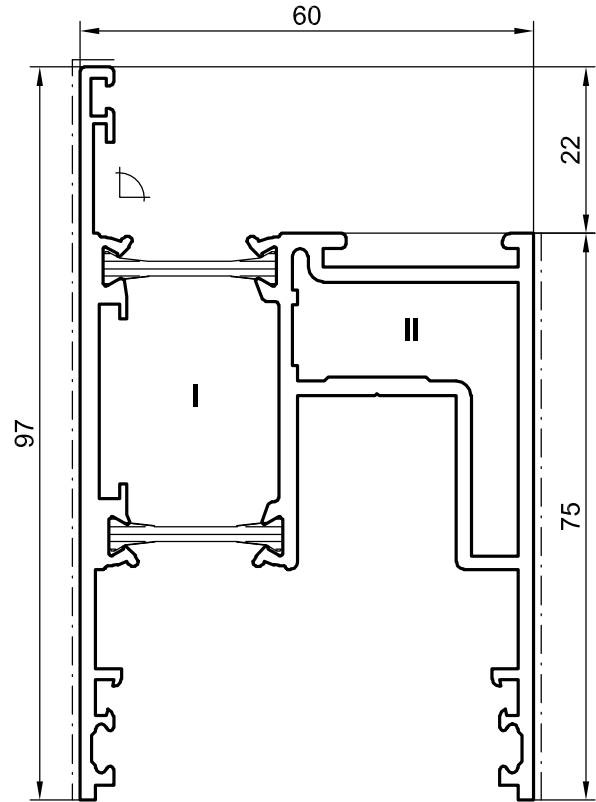
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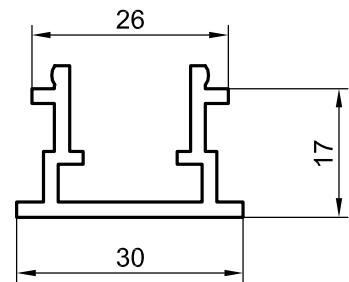
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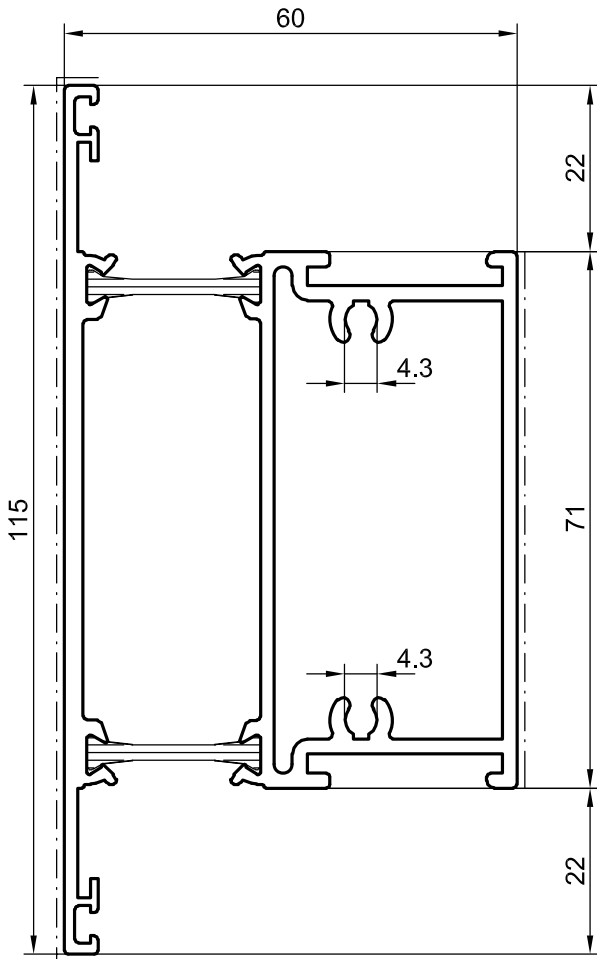
P 452 672



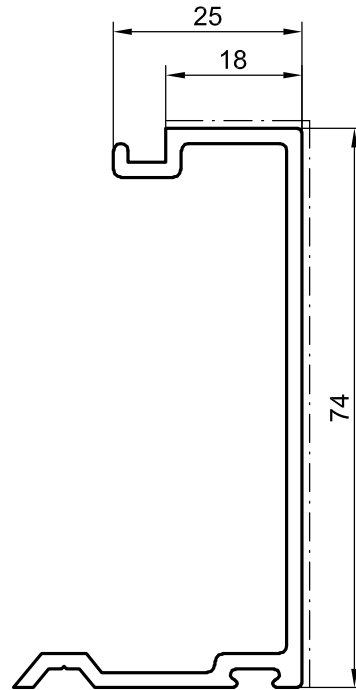
Only for sliding elements

crimpable available retro gluing after assembly	Outer chamber I					Inner chamber II					
B 556 182	-	Z 992 133	Z 905 395	2 x Z 900 023	Z 903 233	-	Z 992 132	-	Z 905 395	2 x Z 900 023	Z 903 233
B 556 280	Z 911 180 Z 903 460	Z 905 888	-	-	-	-	Z 992 116	-	Z 905 394	2 x Z 900 023	Z 903 233

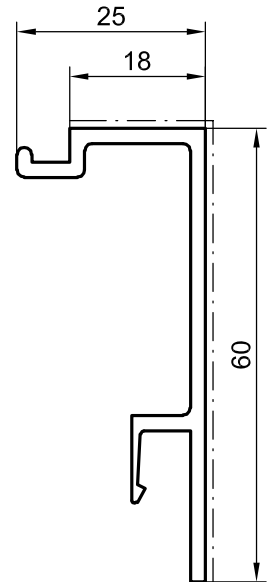
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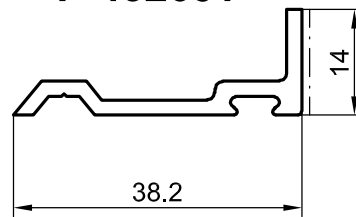
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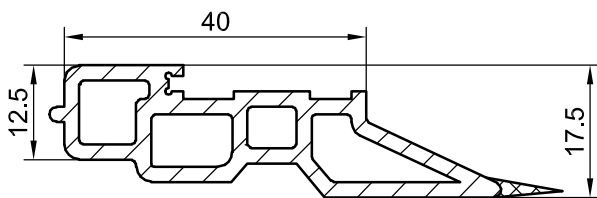
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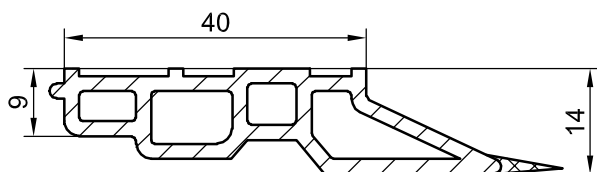
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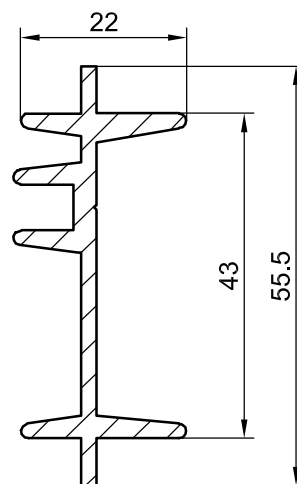
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K 910 019



K 910 020



K 910 021

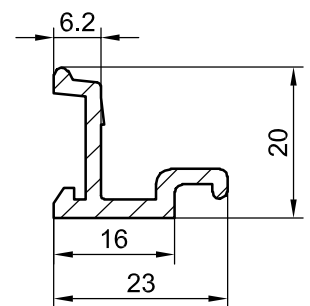


Table of corner brackets, punch knives

For Profiles	Corner bracket	Corner bracket for outer shell	7000/PV 7 see annotation			7000/PV 10 (Pressta 1800/2000) Punch knives, 2 required			EP 124 Punch knives, 2 required		
			For corner bracket	Knife length mm	Knife width mm	For corner bracket	Knife length mm	Knife width mm	For corner bracket	Knife length mm	Knife width mm
*B 556 182	Z 992 133	–	Z 992 530	112	7	Z 903 959	132	7	Z 908 528	130	7
	Z 992 132	–									
B 556 280	Z 992 116	Z 905 888	Z 992 543	118	7	Z 903 959	132	7	Z 908 528	130	7

* Attention! Punch inside first, followed by outside!

Table of corner brackets, individual listing

Comb. art. no.	Individual art. no.	Quantity
Z 992 132	Z 905 518	1
	Z 905 519	1
Z 992 133	Z 905 518	1
	Z 905 520	1
Z 992 116	Z 905 482	1
	Z 905 483	1

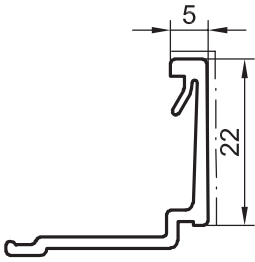
Attention!

As right-hand and left-hand knives are installed in case of a PV 7 crimping machine, 1 right-hand knife and 1 left-hand knife are combined in one combination number (e.g. Z 992 530/543), these have to be ordered once each! As already known, 2 each symmetrical knives are required for the PV 10 crimping machine.

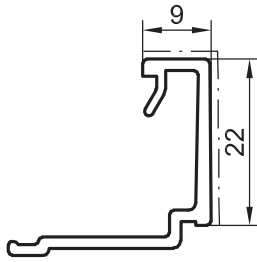
Punch knife table (Pressta 7000 PV 7)

Punch knife Comb. no.	Individual knives contained in comb. no.	Punch knife Comb. no.	Individual knives contained in comb. no.
Z 992 530	1 x Z 906 587 1 x Z 906 702	Z 992 543	1 x Z 906 698 1 x Z 906 714

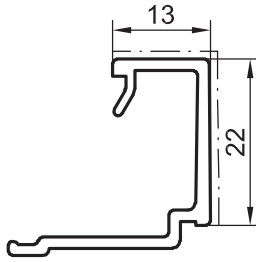
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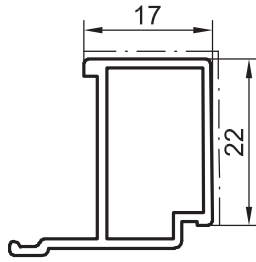
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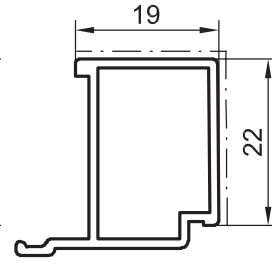
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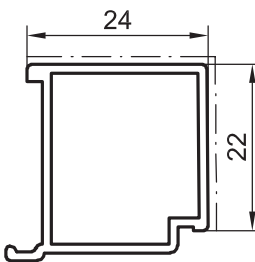
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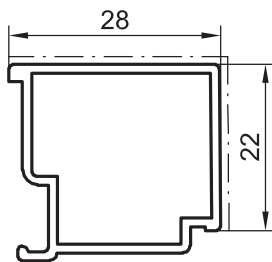
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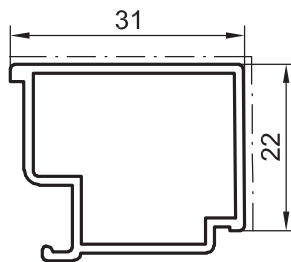
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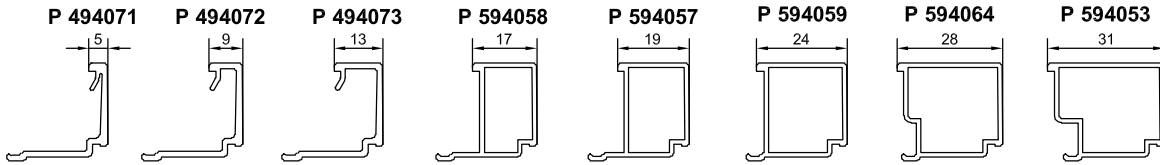


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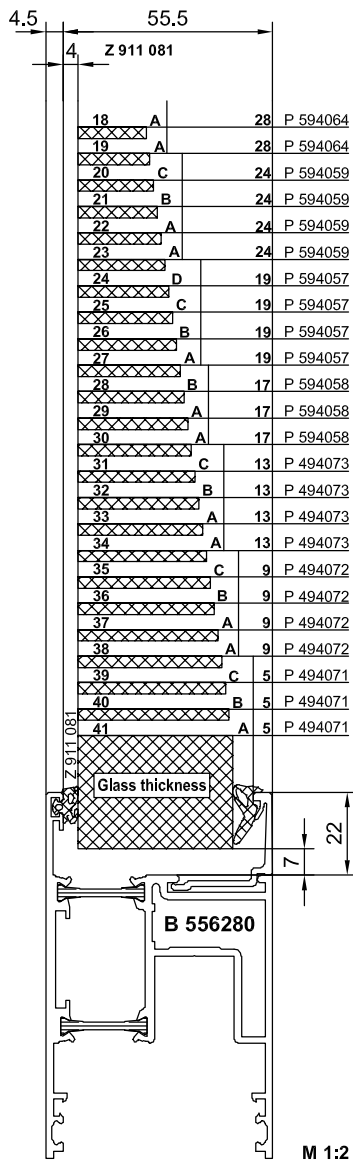


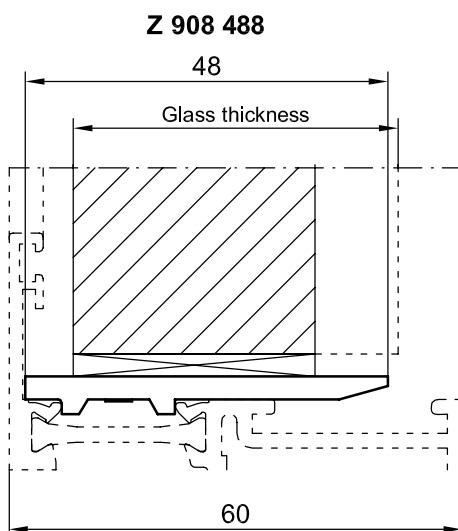
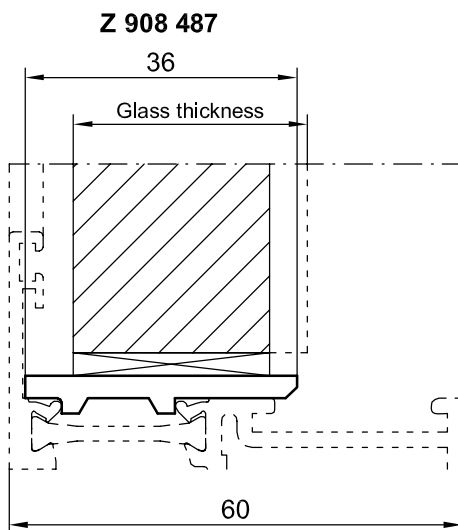
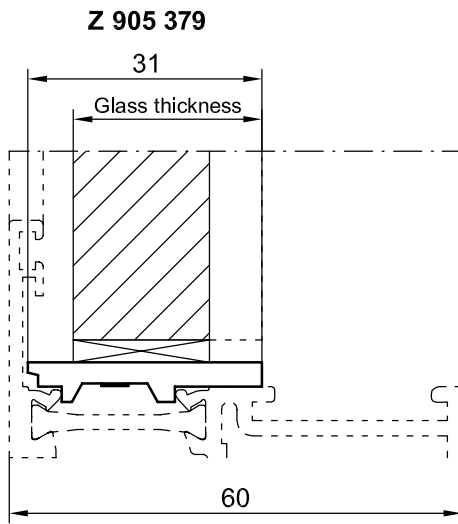
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	external	internal			
		(A)	(B)	(C)	(D)
Glazing gaskets					
Article no.	Z 911 081	Z 911 079	Z 911 108	Z 911 078	Z 911 080
Gap dimension in mm	4	4,0 - 7,0	5,5 - 8,0	6,5 - 9,0	7,5 - 10,5

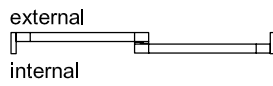
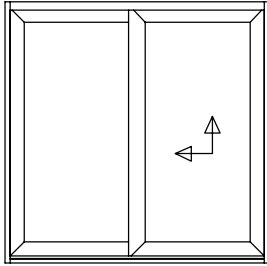




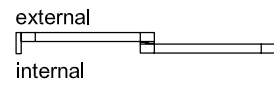
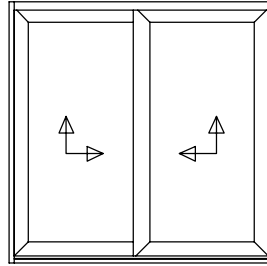
Art. no.	Glass thickness	Profiles	Window-Series
			2.1 HS
Z 905 379	18 - 25 mm	B 556 280 see glazing table	•
Z 908 487	26 - 31 mm	B 556 280 see glazing table	•
Z 908 488	32 - 43 mm	B 556 280 see glazing table	•

For details see Processing Information

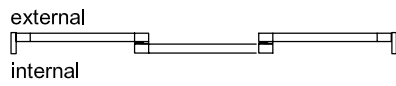
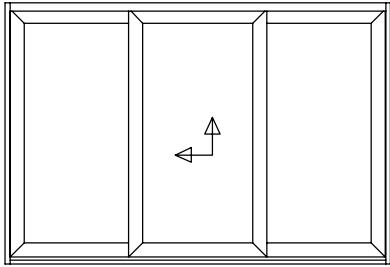
Scheme A



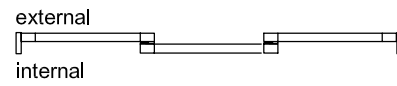
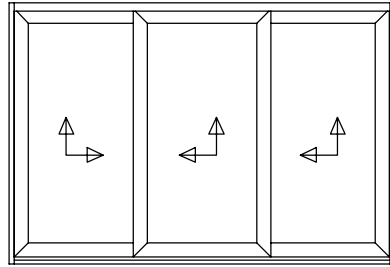
Scheme D



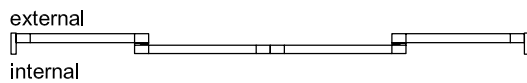
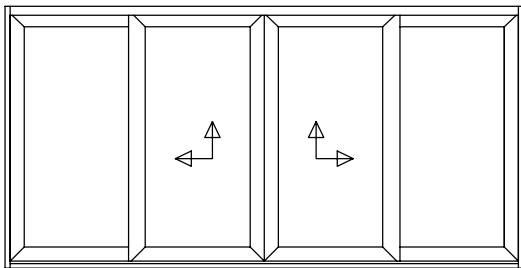
Scheme G



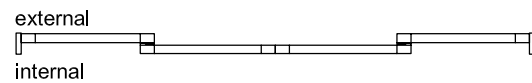
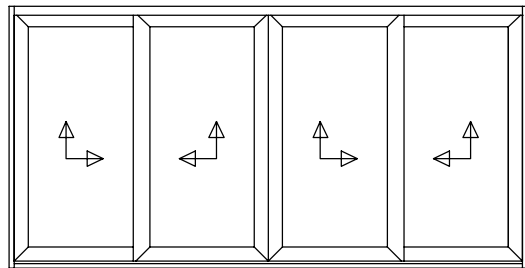
Scheme H

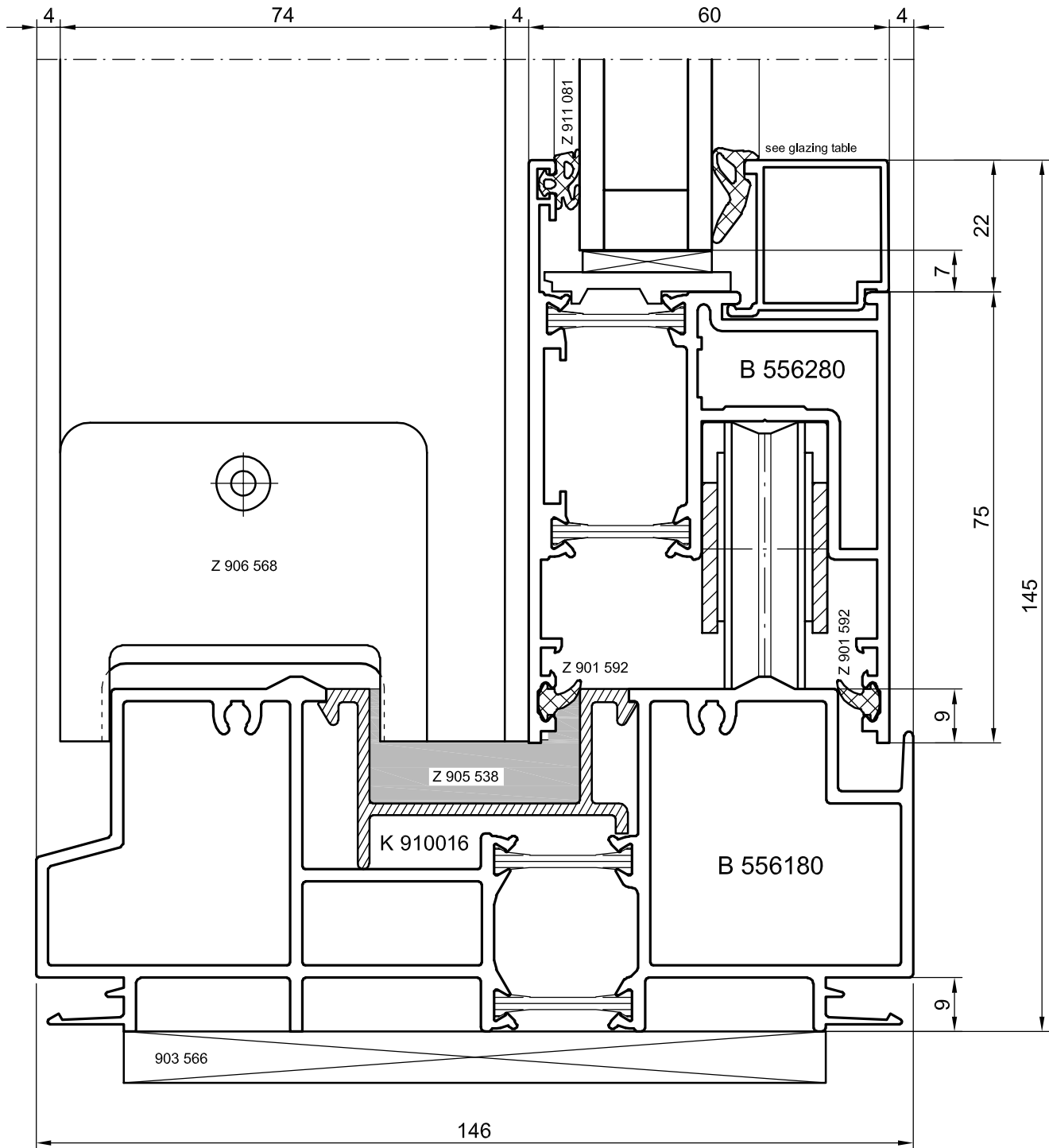


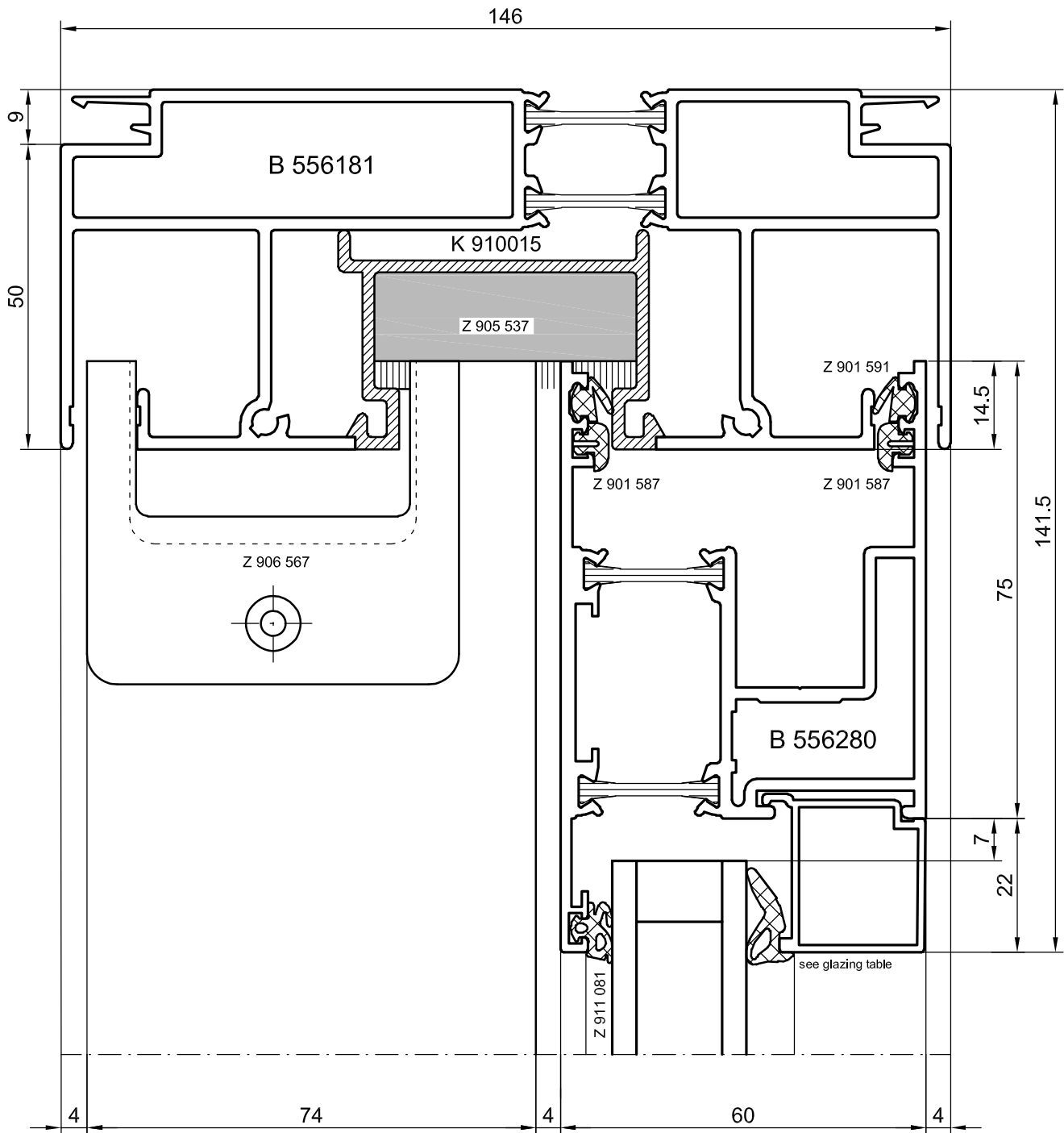
Scheme C

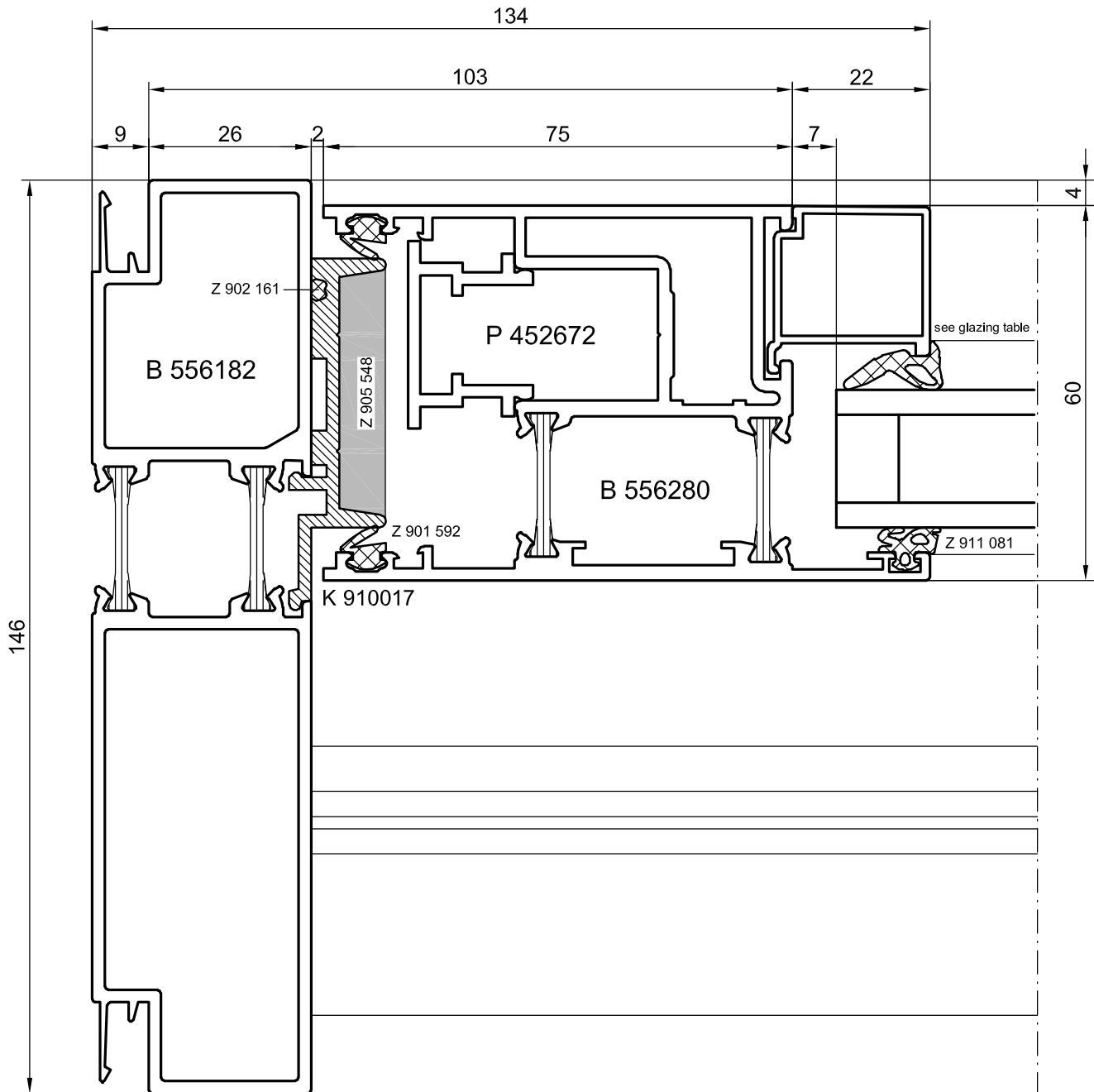


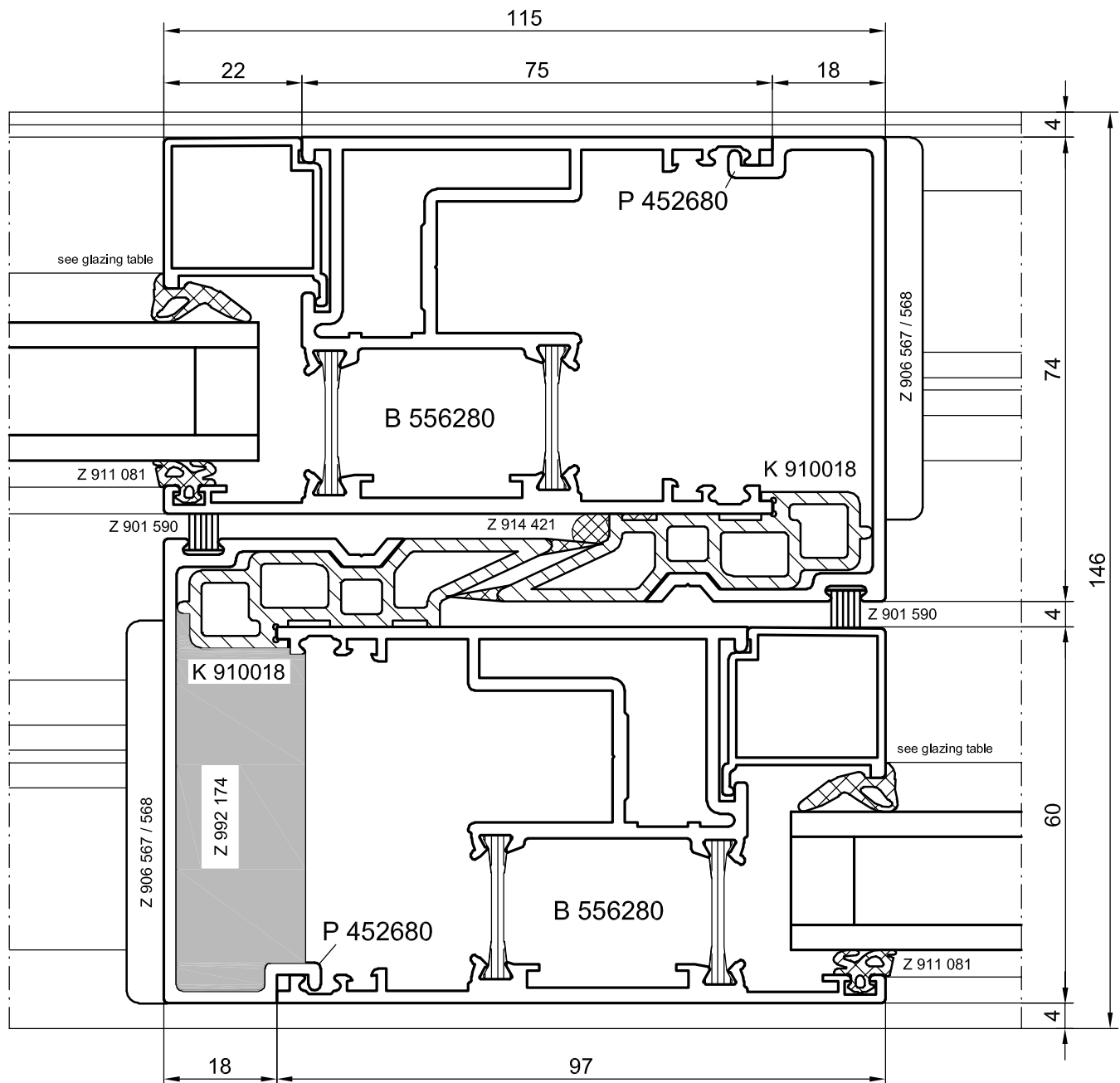
Scheme F



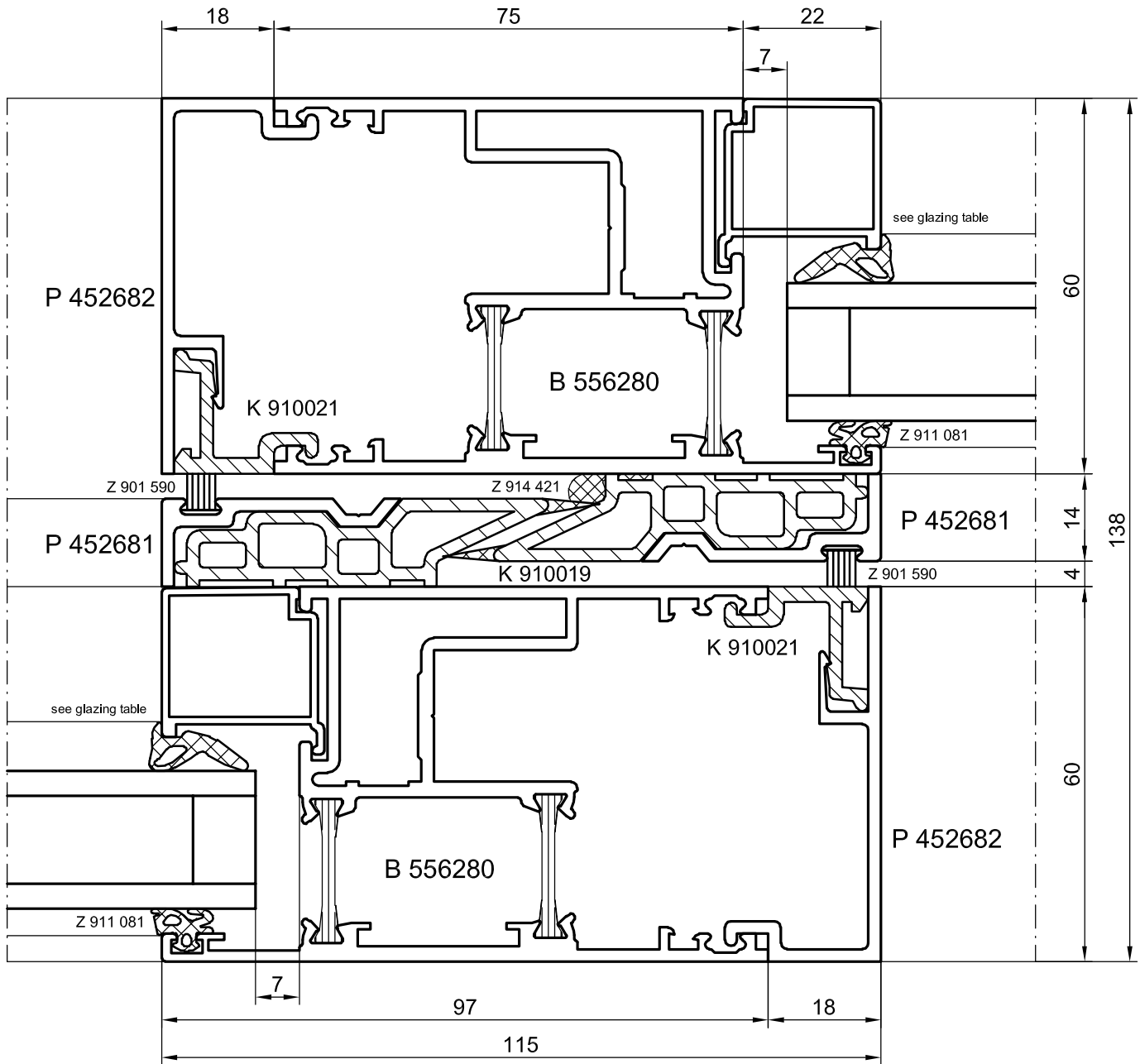


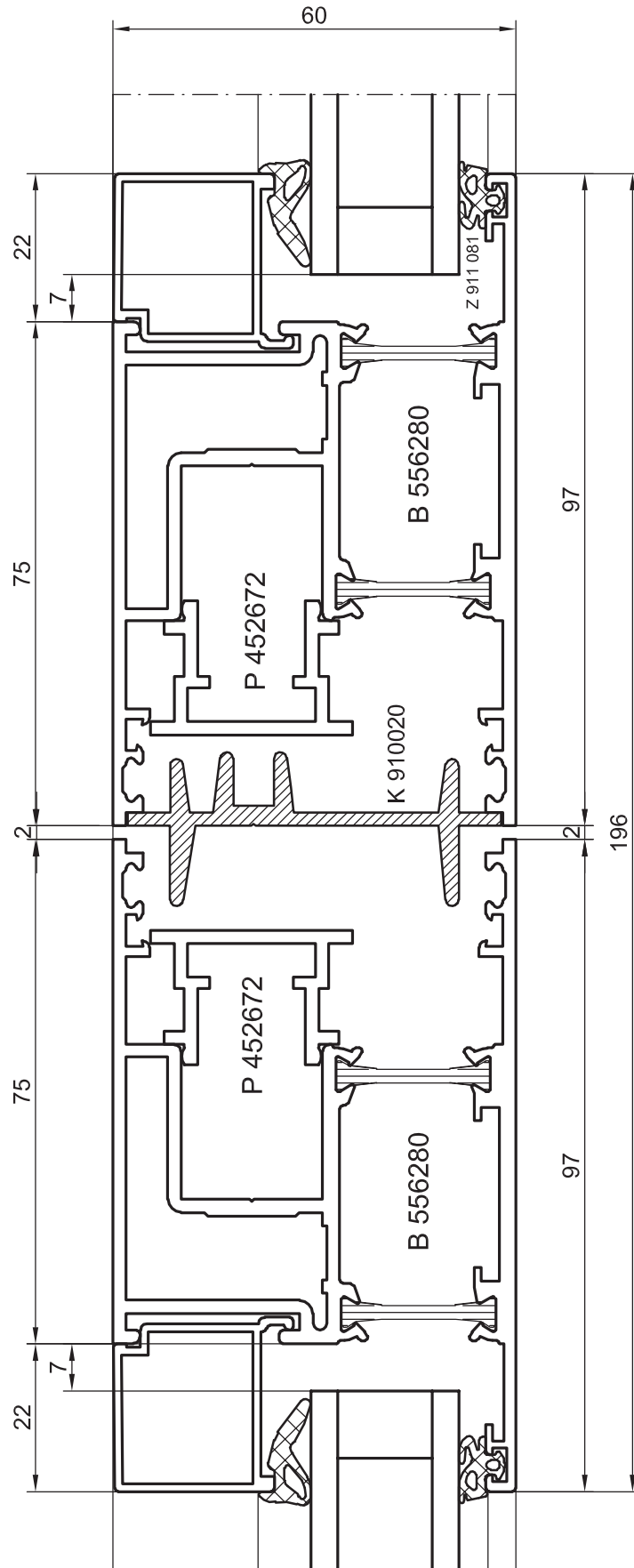






M 1:1

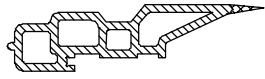




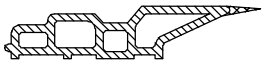
M 1:1

Series 2.1

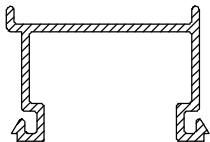
Series 2.1



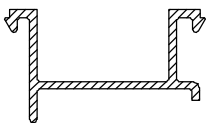
K 910 018
Interlocking profile, black plastic, for interlocking area in connection with profile **P 452 680**, for two or four-sash units, length = 5 m



K 910 019
Interlocking profile, black plastic, for interlocking area in connection with profile **P 452 681**, for three-sash units, length = 5 m

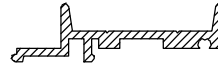


K 910 015
Insert profile for upper fixed frame **B 556 181**, black plastic, length = 6.5 m

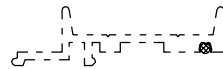


K 910 016
Insert profile for basic profile **B 556 180**, black plastic, length = 6.5 m

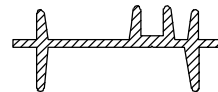
See Processing Information



K 910 017
Lateral sash limit stop to fixed frame, secured using screw **Z 900 656**, ST 3.9 x 19, DIN 7982, black plastic, length = 5 m



Z 902 161
Sealing strip for **K 910 017**
Ø = 3 mm



K 910 020
Cover profile for sash joint on one level for four-sash units, black plastic, length = 5 m


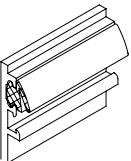

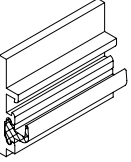



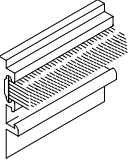

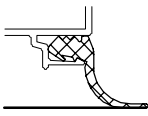


K 910 021
Cover profile for three-sash units in connection with profile **P 452 682**, black plastic, length = 5 m

See Processing Information

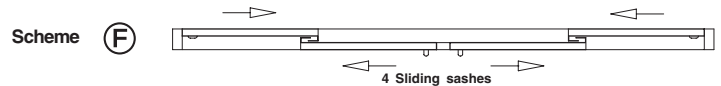
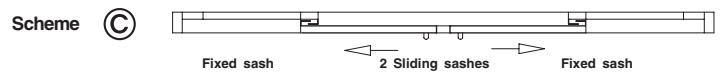
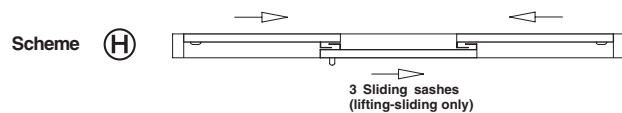
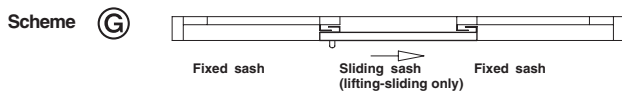
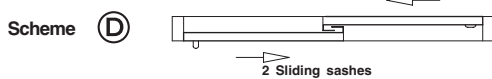
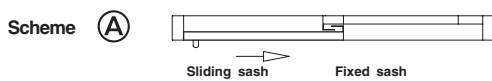
Lifting-Sliding	Sliding
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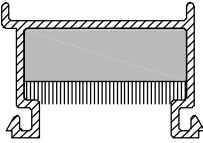
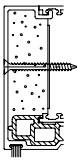
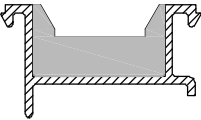
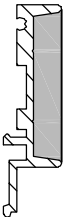
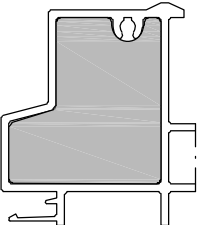
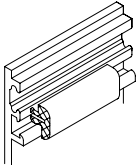
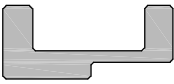
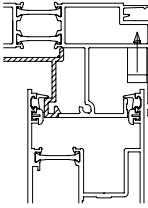
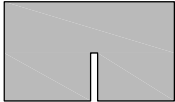
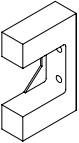

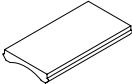
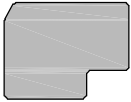
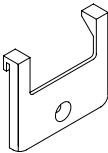
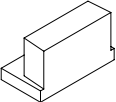
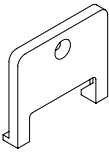
Lifting-Sliding	Sliding
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
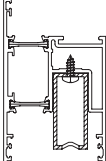

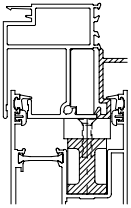
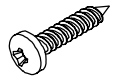
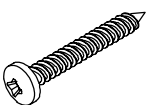


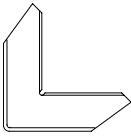
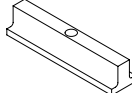
		Series 2.1				Series 2.1	
		Lifting-Sliding	Sliding			Lifting-Sliding	Sliding
	<p>Z 911 081 Glazing gasket -external- made of EPDM, black, 4 mm spacer, for all sash profiles, fixed frame profiles and transom profiles</p>	•	•		<p>Z 901 591 Upper gasket profile, made of EPDM, black</p>	•	
	<p>Z 911 078 Glazing gasket -internal- made of EPDM, black, for gap dimensions between 6.5 and 9 mm, can be used with glazing gaskets -external- in accordance with the glazing table</p>	•	•		<p>Z 901 592 Lower gasket profile, made of EPDM, black</p>	•	
	<p>Z 911 079 Glazing gasket -internal- made of EPDM, black, for gap dimensions between 4 and 7 mm, can be used with glazing gaskets -external- in accordance with the glazing table</p>	•	•		<p>Z 914 421 Sealing strip, adhesive on one side, for meeting stiles</p>	•	
	<p>Z 911 080 Glazing gasket -internal- made of EPDM, black, for gap dimensions between 7.5 and 10.5 mm, can be used with glazing gaskets -external- in accordance with the glazing table</p>	•	•		<p>Z 901 590 Woven pile weather strip with poly-brush and poly-base including middle bridge</p>		•
	<p>Z 911 108 Glazing gasket -internal- made of EPDM, black, for gap dimensions between 5.5 and 8 mm, can be used with glazing gaskets -external- in accordance with the glazing table</p>	•	•		<p>Z 904 088 Wall-joining gasket (plaster joint), black, made of EPDM, 35 mm wide, with notch for tearing off, suitable for frame profiles with pick-up for snap-on profile</p>	•	•
					<p>Z 904 303 22 Wall-joining gasket, as Z 904 088, but 45 mm wide, without notch for tearing off, suitable for frame profiles with pick-up for snap-on profile</p>	•	•
See Processing Information				See Processing Information			

Accessory sets for Sliding - Lifting-Sliding - Elements in accordance to Scheme A to F							
Art. no.	Article designation	Scheme A Z 992 175	Scheme D Z 992 176	Scheme G Z 992 177	Scheme H Z 992 178	Scheme C Z 992 179	Scheme F Z 992 180
Z 905 537	Upper centre seal gasket	1	1	2	2	2	2
Z 905 538	Lower centre seal gasket	1	1	2	2	2	2
Z 905 539	Shaped gasket piece for B 556 180	2	2	2	2	2	2
Z 905 540	Shaped gasket piece (for sealing K 910 016)	3	3	4	4	4	4
Z 905 542	Shaped gasket piece for lower fixed frame	2	2	2	2	2	2
Z 905 543	Shaped gasket piece for B 556 182 large outside chamber	2	2				
Z 905 544	Shaped gasket piece for B 556 182 small outside chamber	2	2	4	4	4	4
Z 905 546	Shaped gasket piece for K 910 020 (on four-sash units)					1	1
Z 992 174	Shaped gasket piece with fixing plate	2	2	4	4	4	4
Z 905 548	Stop buffer	2	4		4		4
Z 901 587	Joint sleeve	8	8	12	12	16	16
Z 991 084	Lift-up security	1	2	1	3	2	4
Z 905 541	Fixing material for fixed sash	2		4		4	
Z 905 808	Lateral cover gasket for vertical fixed frame	4	4	4	4	4	4
Z 906 567	Upper cover piece	1	2	2	4	2	4
Z 906 568	Lower cover piece	3	2	6	4	6	4
Z 900 656	ST 3,9 x 19	4	4	8	8	8	8
Z 901 164	ST 4,8 x 25	8		16		16	
Z 902 989	ST 4,8 x 38	8	8	8	8	8	8
Z 902 990	Cup washer for screwing fixed frame to building structure	8	8	8	8	8	8
Z 903 002	Cover cap for Z 902 990	8	8	8	8	8	8
Z 905 545	Base for securing K 910 020					5	5
Z 903 460	Corner strengthening piece for B 556 280	16	16	24	24	32	32
Z 992 175 Accessory set Scheme A		Z 992 177 Accessory set Scheme G		Z 992 179 Accessory set Scheme C			
Z 992 176 Accessory set Scheme D		Z 992 178 Accessory set Scheme H		Z 992 180 Accessory set Scheme F			

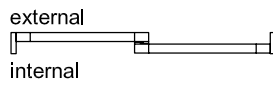
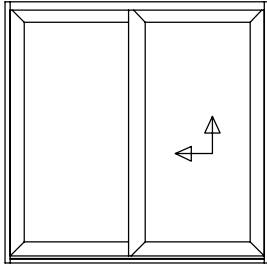
Sash arrangement for HUECK 2.1 sliding and lifting-sliding elements



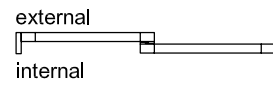
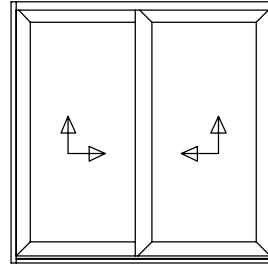
Contained in accessory sets Z 992 175 - Z 992 180		Series 2.1		Contained in accessory sets Z 992 175 - Z 992 180		Series 2.1	
		Lifting- Sliding	Sliding			Lifting- Sliding	Sliding
	Z 905 537 Upper centre seal gasket, to be fitted above two sashes, suitable for profile B 556 181	•	•		Z 992 174 Shaped gasket piece, with fixing plate, required for sealing outside sashes	•	•
	Z 905 538 Lower centre seal gasket, to be fitted below two sashes, suitable for profile B 556 180	•	•		Z 905 548 Stop-buffer, self-adhesive, suitable for profile B 556 182 2 required per sash	•	•
	Z 905 539 Shaped gasket piece for sealing the outer chamber in the lower fixed frame B 556 180 cutting length = 20 mm 2 required for each frame	•	•		Z 901 587 Joint sleeves, length = 30 mm 4 each required for each sliding or lifting-sliding sash	•	•
	Z 905 540 Shaped gasket piece, in lower fixed frame area for lateral sealing of profile K 910 016 cutting length = 35 mm 2 required for each frame	•	•		Z 991 084 Lift-up security, 1 required per sash	•	•
	Z 905 542 Shaped gasket piece, required in lower fixed frame area for lateral sealing cutting length = 16 mm	•	•		Z 905 541 Lateral fixing material for fixed sash, 2 required per sash	•	•
	Z 905 543 Shaped gasket piece for upper and lower sealing of vertical fixed frame B 556 182 , cutting length = 20 mm required for large outside chamber	•	•		Z 905 808 Lateral cover gasket, 50 mm long, for vertical fixed frame, to be mounted below and above plastic profile K 910 017 (2 required)	•	•
	Z 905 544 Shaped gasket piece for upper and lower sealing of vertical fixed frame B 556 182 , cutting length = 20 mm required for small outside chamber	•	•		Z 906 567 Upper cover piece for sliding and lifting-sliding elements, 1 required for each sliding sash	•	•
	Z 905 546 Shaped gasket piece for upper sealing of vertical profile K 910 020 required for Scheme C and F	•	•		Z 906 568 Lower cover piece for sliding and lifting-sliding elements, 1 required for each sliding sash and 2 for each fixed sash	•	•

	Series 2.1		Further accessories must be ordered separately!	Series 2.1	
	Lifting-Sliding	Sliding		Lifting-Sliding	Sliding
<p>Contained in accessory sets Z 992 175 - Z 992 180</p>					
 <p>Z 903 460 Corner strengthening piece for profile B 556 280</p>	•	•	 <p>Z 992 228 Supporting element, fitted in sash on fixed glazing instead of rollers</p>	•	•
 <p>Z 900 656 Screw ST 3.9 x 19 mm, DIN 7982, for fixing the interlocking profile to the sash</p>	•	•	 <p>Z 992 486 Fixing material set for secondary leaf on lifting-sliding units for transmission of vertical forces (to be applied at top and bottom)</p>	•	•
 <p>Z 901 164 Screw ST 4.8 x 25 mm, DIN 7981</p>	•	•	<p>Z 903 566 Pertinax base, Length = 2100 mm, Width = 115 mm, Thickness = 9 mm, to be inserted between sub-frame and fixed frame</p>	•	•
 <p>Z 902 989 Screw ST 4.8 x 38 mm, DIN 7981, for screwing the fixed frames</p>	•	•	<p>Z 906 313 Drilling jig for screw channel on profile B 556 380</p>	•	•
 <p>Z 902 990 Cup washer (plastic) for screwing in the fixed frame (designated for ST 4.8 self-tapping screw)</p>	•	•	 <p>Z 901 499 Screw ST 4.2 x 22 mm, DIN 7982, for fixing plastic profile K 910 019 inside meeting stiles</p>	•	•
<p>Z 903 002 02 Z 903 002 64 Cover cap for Ø 12,5 mm drill holes</p>	•	•	 <p>Z 911 180 Corner strengthening piece for profile B 556 280/380</p>	•	•
 <p>Z 905 545 Base for fixing profile K 910 020, 5 required per plastic profile</p>	•	•	<p>Z 909 877 Stop buffer, for mounting to the sash, including fixing screw</p>	•	•

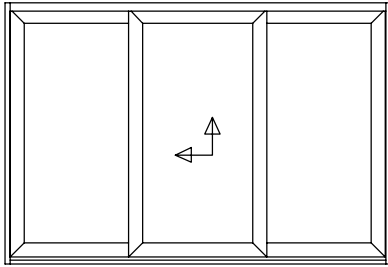
Scheme A



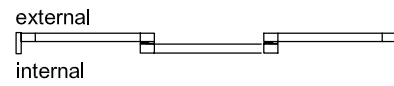
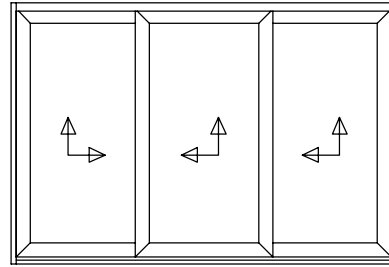
Scheme D



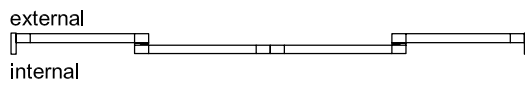
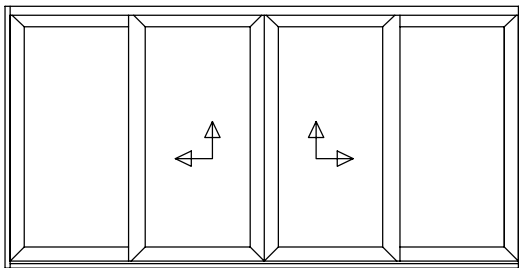
Scheme G



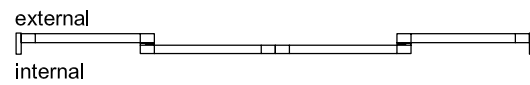
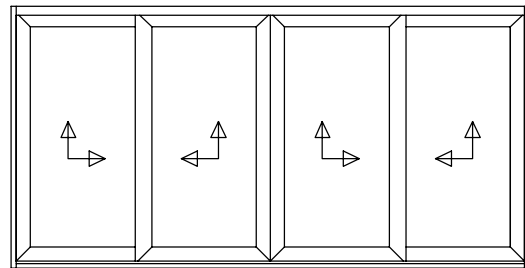
Scheme H



Scheme C



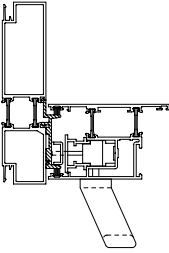
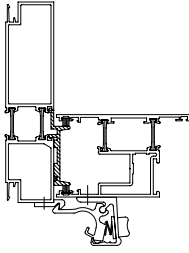
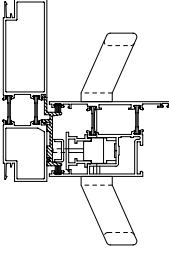

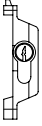




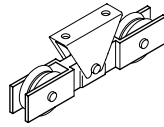
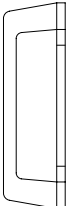
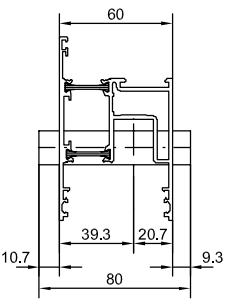
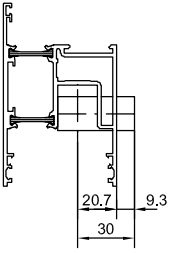
Scheme F



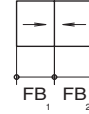
Fittings order list for Lifting-sliding door elements - optionally, for a max. sash weight of 150 kg							
Article no.	Designation	Quantity Scheme A	Quantity Scheme D	Quantity Scheme G	Quantity Scheme H	Quantity Scheme C	Quantity Scheme F
Z 993 944	Lifting-sliding fitting with 4-roller tandem roller Max. sash weight = 150 kg	1	2	1	3	2	4
Z 914 486 02	Lifting gear, designated for profile cylinder, Length = 1.770 mm, Sash height 1.195 - 1.825 mm	1	2	1	3	2	4
Z 914 127 02	Lifting gear, designated for profile cylinder, Length = 2.270 mm, Sash height 1.825 - 2.320 mm	1	2	1	3	2	4
Z 914 119	Connecting rod Size 1 Length = 1.100 mm Sash width 700 - 1.600 mm	1	2	1	3	2	4
Z 914 120	Connecting rod Size 2 Length = 1.350 mm Sash width 1.601 - 1.850 mm	1	2	1	3	2	4
Z 914 121	Connecting rod Size 3 Length = 1.850 mm Sash width 1.851 - 2.350 mm	1	2	1	3	2	4
Z 914 122	Connecting rod Size 4 Length = 3.300 mm Sash width 2.351 - 3.300 mm	1	2	1	3	2	4
Z 992 160	Accessory set, consisting of: Bases, transom bolts and fixing material	1	2	1	3	2	4
Z 992 161	Accessory set Scheme C+F consisting of: Transom bolts and fixing material	0	0	0	0	1	1
Z 990 568	Accessory set Scheme G + H consisting of: Bolt support and fixing material	0	0	1	1	0	0
Z 991 326 02	Turn handle, one-sided, for interior operation	1	1	1	1	2	2
Z 991 328 02	Turn handle, one-sided, for interior operation, for profile cylinder						
Z 991 332 02	Turn handle, two-sided, for interior and exterior operation, for profile cylinder	1	1	0	0	2	2
Z 903 689 02	Turn handle, plug-in, for cleaning sash	0	1	0	1	0	1
Z 990 566 02	Cover plate, when using removable handle	0	1	0	2	0	2
Z 905 563	HUECK profile cylinder, MS matt chrome, for interior and exterior operation	1	1	0	0	2	2
Z 903 458	HUECK profile semi-cylinder, MS matt chrome, for interior operation	1	1	1	1	2	2
Z 991 228	Supporting element, for fixed glazing in sash	2	0	4	0	4	0
	Accessory set 1 x per Scheme required	Z 992 175	Z 992 176	Z 992 177	Z 992 178	Z 992 179	Z 992 180

Fittings order list for Lifting-sliding door elements - optionally, for a max. sash weight of 300 kg							
Article no.	Designation	Quantity Scheme A	Quantity Scheme D	Quantity Scheme G	Quantity Scheme H	Quantity Scheme C	Quantity Scheme F
Z 993 943	Lifting-sliding fitting with 4-roller tandem roller Max. sash weight = 300 kg	1	2	1	3	2	4
Z 914 485 02	Lifting gear, designated for profile cylinder, Length = 1.770 mm, Sash height 1.195 - 1.825 mm	1	2	1	3	2	4
Z 914 118 02	Lifting gear, designated for profile cylinder, Length = 2.270 mm, Sash height 1.825 - 2.320 mm	1	2	1	3	2	4
Z 914 119	Connecting rod Size Gr. 1 Length = 1.100 mm Sash width 700 - 1.600 mm	1	2	1	3	2	4
Z 914 120	Connecting rod Size 2 Length = 1.350 mm Sash width 1.601 - 1.850 mm	1	2	1	3	2	4
Z 914 121	Connecting rod Size 3 Length = 1.850 mm Sash width 1.851 - 2.350 mm	1	2	1	3	2	4
Z 914 122	Connecting rod Size 4 Length = 3.300 mm Sash width 2.351 - 3.300 mm	1	2	1	3	2	4
Z 992 162	Accessory set, consisting of: Bases, transom bolts and fixing material	1	2	1	3	2	4
Z 992 161	Accessory set Scheme C+F consisting of: Transom bolts and fixing material	0	0	0	0	1	1
Z 990 568	Accessory set Scheme G + H consisting of: Bolt support and fixing material	0	0	1	1	0	0
Z 991 326 02	Turn handle, one-sided, for interior operation	1	1	1	1	2	2
Z 991 328 02	Turn handle, one-sided, for interior operation, for profile cylinder						
Z 991 332 02	Turn handle, two-sided, for interior and exterior operation, for profile cylinder	1	1	0	0	2	2
Z 903 689 02	Turn handle, plug-in, for cleaning sash	0	1	0	1	0	1
Z 990 566 02	Cover plate, when using removable handle	0	1	0	2	0	2
Z 905 563	HUECK profile cylinder, MS matt chrome, for interior and exterior operation	1	1	0	0	2	2
Z 903 458	HUECK profile semi-cylinder, MS matt chrome, for interior operation	1	1	1	1	2	2
Z 991 228	Supporting element, for fixed glazing in sash	2	0	4	0	4	0
	Accessory set 1 x per Scheme required	Z 992 175	Z 992 176	Z 992 177	Z 992 178	Z 992 179	Z 992 180

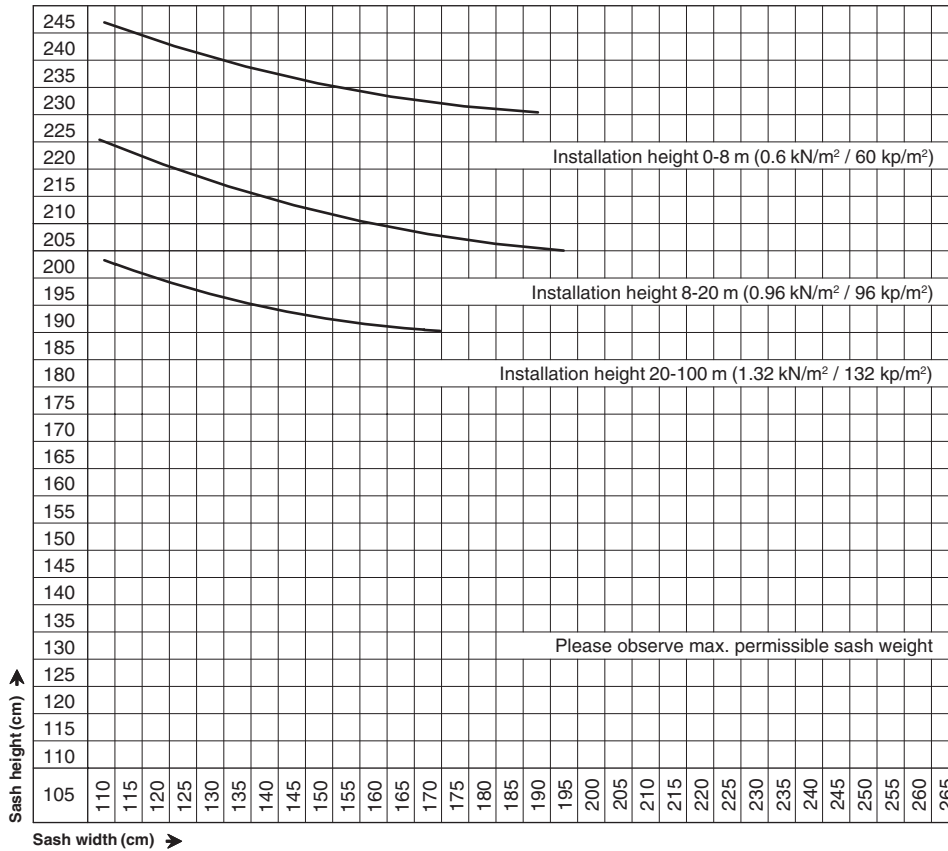
Sliding sash fittings for sliding elements Scheme A - F,
Processing and assembling drawing: Register 700

		Series 2.1			Series 2.1
		Sliding			Sliding
	Z 992 168 02 Lock for sliding sash with lateral locking, for interior operation	•		Z 992 089 02 Spring loaded catch lock for lateral locking, for internally mounted sashes	•
	Z 992 170 02 Lock for sliding sash with lateral locking, for interior and exterior operation	•		Z 992 163 02 Flush handle as cleaning sash lock, for externally mounted sashes	•
	Z 991 343 Cylinder locking suitable for locks Z 992 168 / 170 , excluding profile cylinder	•		Z 992 165 02 Flush handle insert, lockable, suitable for flush handle Z 992 163 02	•
	Z 991 350 02 Profile cylinder rosette for the interior	•		Z 991 226 Single roller, with needle roller bearing, for max. sash weight of 80 kg. Roller can be replaced easily by tandem roller by installing clamp.	•
	Z 991 352 02 Profile cylinder rosette for the interior and exterior	•		Z 991 227 Tandem roller, with needle roller bearing, for max. sash weight of 150 kg. Roller can be replaced easily by tandem roller by installing clamp.	•
	Z 991 354 02 Handle for second sash on Scheme C + F	•			
	Z 905 458 Base, required for handle installation	•			
	Profile cylinder for sliding locks Z 905 562 Profile cylinder 30 / 50 mm extended on one side by 20 mm, for interior and exterior operation, with 3 keys	•			
	Z 901 898 Profile semi-cylinder 30 mm for interior operation, with 3 keys	•			

Series HUECK 2.1 Sliding / Lifting-sliding elements



Sash size diagram



B 556 280

