

Main Index

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Main Index

F VG

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Updates

DATE	PAGE	DESCRIPTION
July 2025	B03 - B18 E08 E17 - E18 F03 - F10	ACVG0928, ACGV0945 & ACGV0946 added. VG935 notch size added. Fixed sash detail & VG914 Jamb trim detail added. Vertical VG914 cutting length amended. Fixed panel / sliding door cutting information added.
March 2026	E12 F03 - F10	ACVG0935 top keep detail changed to fit into VG980. Horizontal VG980 cutting lengths amended to allow for amended keep detail.

Updates

DATE

PAGE

DESCRIPTION

Specification

GENERAL DESCRIPTION

Invisoglide is a patio door system with minimal sightlines and is designed in a way that allows the frame to be concealed into the aperture during installation.

The system achieves excellent U values inline with the current Building Regulations.

The system is suitable for replacement patio doors in existing buildings and for installation into new buildings.

Invisoglide uses the highly secure BT lock which is key operated, and allows the choice of modern raised or flush pull handles.

Assembly of the outerframe and the sashes is with mechanical cleats for which the holes are prepped using punch tools ACVG907 . See Pages E03 for details.

Sashes are bonded and assembled around the units.

PROFILE SPECIFICATION

The window frame are constructed of aluminium alloy extrusion to BS EN 755-9 and BS EN 12020, extruded to 6063 T6 alloy. The internal and external extrusions are separated with a polyamide thermal break.

The external aluminium alloy extrusion is pre-treated and finished either:-

- a) Anodised to BS 3987: 1987, grade AA25 to a natural self colour.
- b) Polyester powder organic coating to BS 6496. Dual colour is available.

GENERAL MANUFACTURING

Outer frames are made by cutting the frame profiles with accurate 45° mitred ends using Tungsten Carbide Tipped Saw Blades, operating at approximately 3000 rpm.

The corner joints can be made using mechanically fixed corner cleats by punching the corners using the relevant punch tooling shown in section E of this manual. All joints should be sealed using ACSIL04 sealant

On polyester powder coated finishes, great care should be taken to avoid getting gap sealer on visible surfaces and should be removed as soon as possible with a clean cloth.

After machining, all exposed aluminium should be coated using ACSIL014 or painted to match frame.

Care should be exercised when using products not supplied by Smart Systems Ltd as no responsibility can be accepted.

Specification

DRAINAGE

As with all dry glazed systems, it is recommended that the profiles are adequately drained and ventilated. Refer to drainage details in section E of this manual, if in doubt, ask the Technical Department.

Invisoglide is compatible with the Aquabocci R47 threshold drainage. Please visit their website for further details.

OUTER FRAME & VENT MANUFACTURING INFORMATION

The outer frame members are cut with 45° mitred ends to the overall size required, measured to the longest point of the metal.

Corners are formed by coating the cut faces to be joined with ACSIL04 small gap sealer and by applying ACSIL013 cleat glue into the cleat chamber. Into the mitred corner insert the required corner cleats and, where required, the aluminium corner chevrons. The two mitred ends are then brought together and mechanically joined. The small gap sealer ensures a permanent joint and guards against the ingress of moisture and joint movement. After joining the corners, special care should be taken to ensure any excess sealer is removed from painted surfaces.

LOCKING

The vertical members should be prepped for the locking mechanism prior to fabrication and fitted before assembly. Stainless steel fixings shall be used for securing the locking mechanism and keeps in position.

GLAZING

Glazing is restricted to 32mm thickness.

The glass is bonded to all four sides of the sash.

RECOMMENDED DESIGN LIMITATIONS

Sliding Sashes	
Maximum Sash Weight:	250kg
Minimum Sash Height:	800mm
Maximum Sash Height:	2500mm
Maximum Sash Width:	Sashes within the above limitations have no maximum width.

Please see pages D01-D09 for more guidance on vent sizes & limitations.

Specification

Invisoglide Operational Performance (BS6375-2:2009)

To be tested

Invisoglide Security (PAS24:2016)

To be tested

Invisoglide U Values

Please refer to the Smart Systems' Document L White Paper or contact the Technical Department.

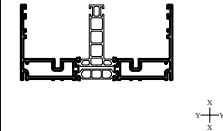
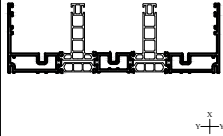

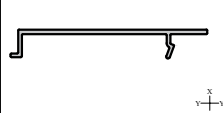
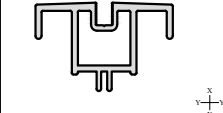
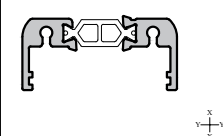
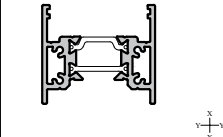
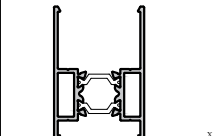
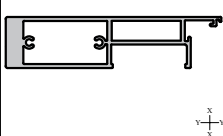
Invisoglide Trickle Ventilation

As the outer frame head of Invisoglide is designed to be concealed within the aperture structure and the sash sections are slim sightlines there is no opportunity to ventilate through the sash or outerframe. Where ventilation provision is required to comply with Document F this can be achieved by other means, such as through the wall.

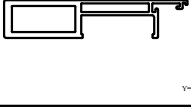
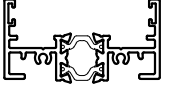
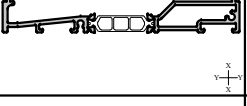

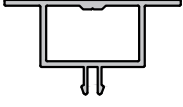
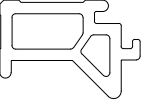
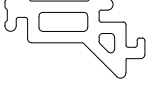
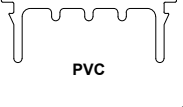
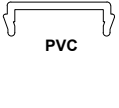
'Ventilation can be provided through any appropriate means. Installing a background ventilator through a wall that provides the equivalent areas described in Approved Document F, volume 1 can be an acceptable route to compliance.'

Specification

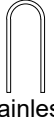









PROFILES : TECHNICAL INFORMATION

Number	Picture	Page	Perim. mm	Mec. mm	Ix(cm4) wx(cm3)	Iy(cm4) wy(cm3)	Length	Pack pr.	MF	SA	KL	HP	M	
VG901		A11	592	423	152.23 — 25.2	18.04 — 10.74	7	1	✓	✓	✓	✓	✓	
VG902		A12	938	723	419.32 — 45.83	19.84 — 13.22	7	1	✓	✓	✓	✓	✓	
VG914		A16	168	82	— — —	— — —	6.5	1	✓	✓	✓	✓		
VG915		A16	165	674	— — —	— — —	6.5	1	✓	✓	✓	✓		
VG918		A13	218.1	41	— — —	— — —	6.5	1	✓	✓	✓	✓		
VG923		A13	175	84	5.73 — 2.69	0.56 — 0.83	6.5	1	✓	✓	✓	✓	✓	
VG928		A14	261	81	— — —	— — —	6.5	1	✓	✓	✓	✓	✓	
VG929		A14	376	138	— — —	— — —	6.5	1	✓	✓	✓	✓	✓	
VG932		A15	317	208	80.65 — 11.46	5.67 — 4.97	6.5	1	✓	✓	✓	✓		
									A = Outside B = Inside		MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour M = Dual Colour			

PROFILES : TECHNICAL INFORMATION

Number	Picture	Page	Perim. mm	Mec. mm	Ix(cm4) wx(cm3)	Iy(cm4) wy(cm3)	Length	Pack pr.	MF	SA	KL	HP	M	
VG935		A15	278	158	43.34 — 7.36	2.8 — 3.46	6.5	1	✓	✓	✓	✓		
VG942		A17	420	84	15.41 — 5.24	1.98 — 1.61	6.5	1	✓	✓	✓	✓	✓	
VG956		A11	315	44	68.49 — 10.68	1.1 — 1.41	6.5	1	✓	✓	✓	✓	✓	
VG959		A12	514	44	217.35 — 22.2	1.21 — 1.64	6.5	1	✓	✓	✓	✓	✓	
VG980		A16	156.8	47	— — —	— — —	6.5	1	✓	✓	✓	✓		
VG06		A15	68	--	— — —	— — —	6.5	1	✓					
VG07		A15	62	--	— — —	— — —	6.5	1	✓					
IMP301		A14	-	-	— — —	— — —	6.5	1	✓					
PCX47		A17	43	---	— — —	— — —	6.5	1	✓					
									A = Outside B = Inside		MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour M = Dual Colour			

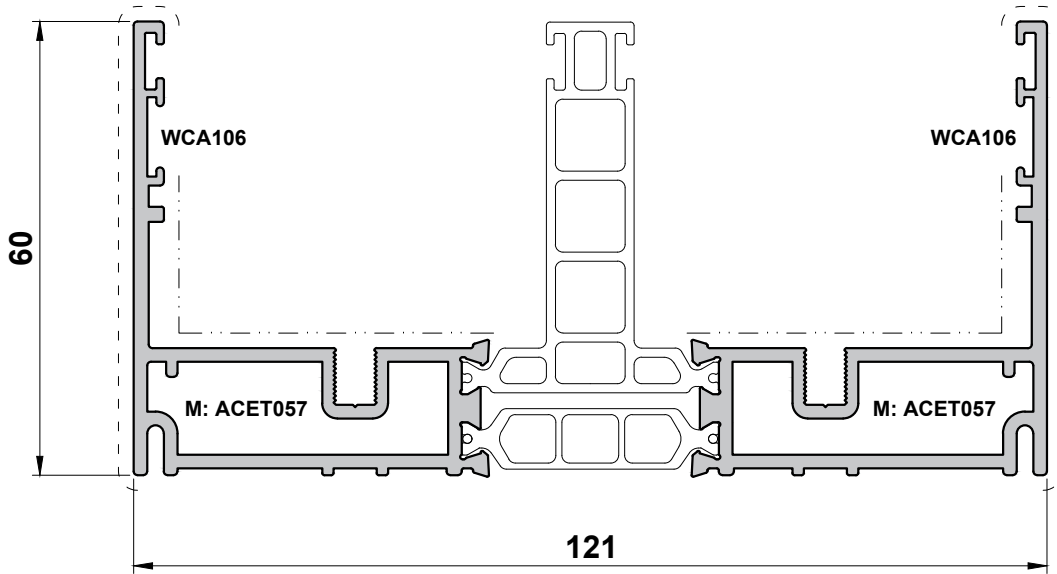
PROFILES : TECHNICAL INFORMATION

Number	Picture	Page	Perim. mm	Mec. mm	lx(cm4) wx(cm3)	ly(cm4) wy(cm3)	Length	Pack pr.	MF	SA	KL	HP	M	
VG53	 <p>Stainless Steel</p>	A13	106	-	-	-	6.5	1	✓					
														
														
														
														
														
														
														
														
														
									A = Outside B = Inside		MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour M = Dual Colour			

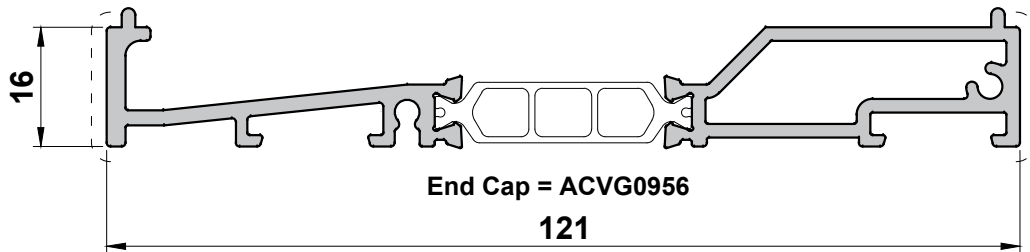
Primary Visible Side

Secondary Visible Side

VG901 Two Track Outer Frame



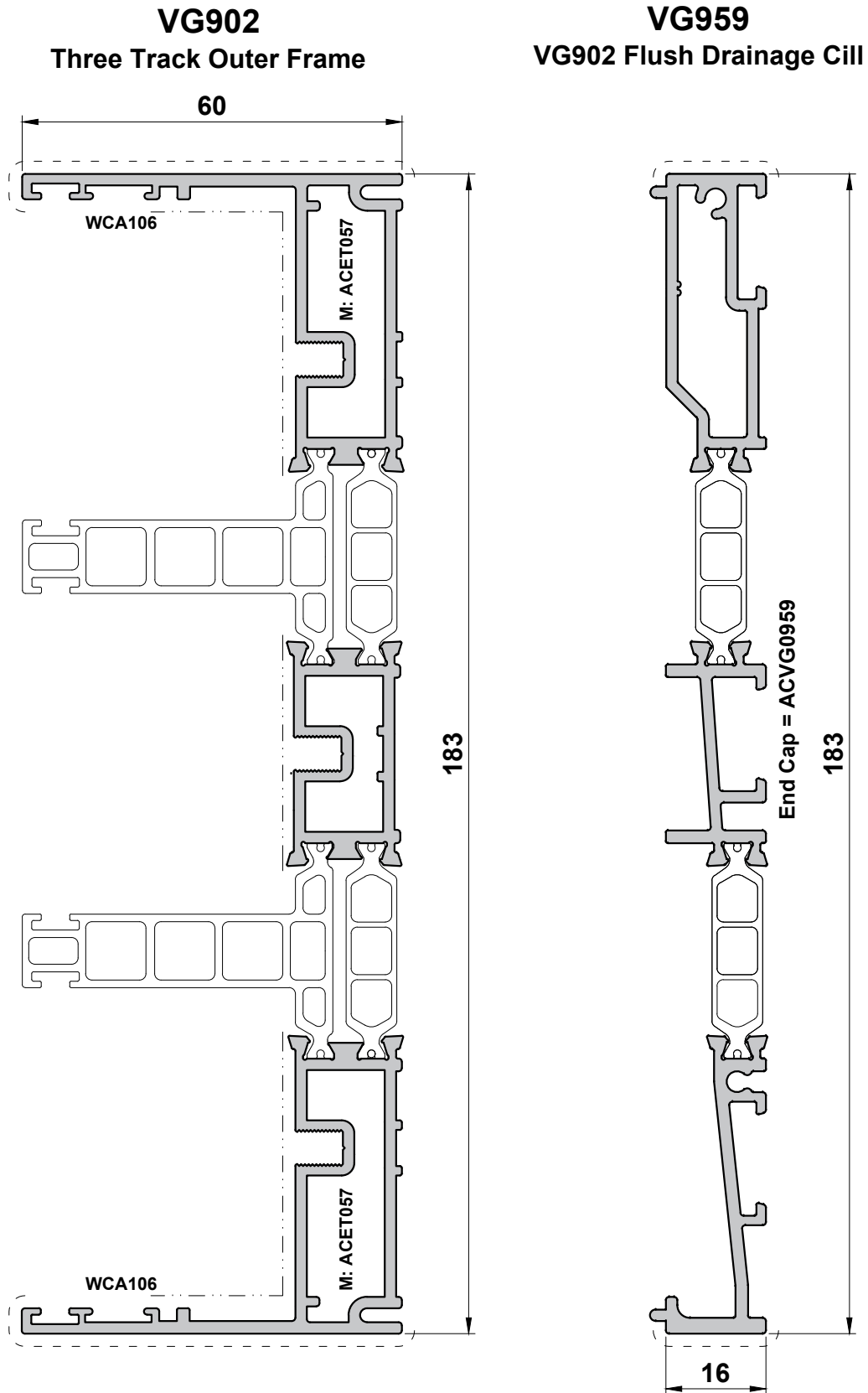
VG956 VG901 Flush Drainage Cill



Scale 1:1

Primary Visible Side

Secondary Visible Side



Scale 1:1

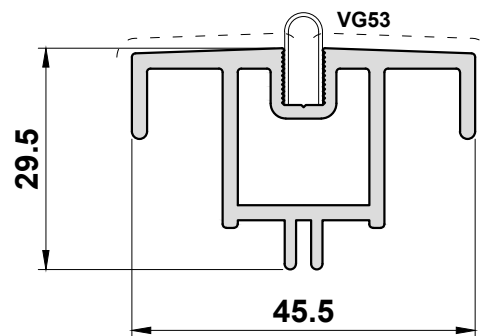
Primary Visible Side

Secondary Visible Side

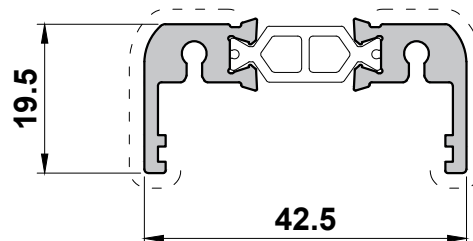
VG53 Stainless Steel Track



VG918 Track Insert



VG923 Top Sash Rail

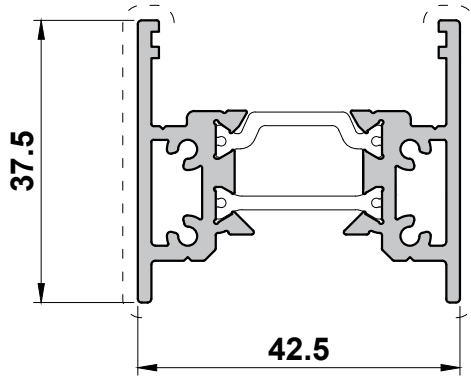


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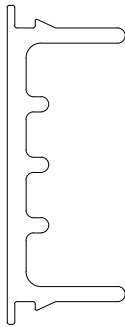
Primary Visible Side

Secondary Visible Side

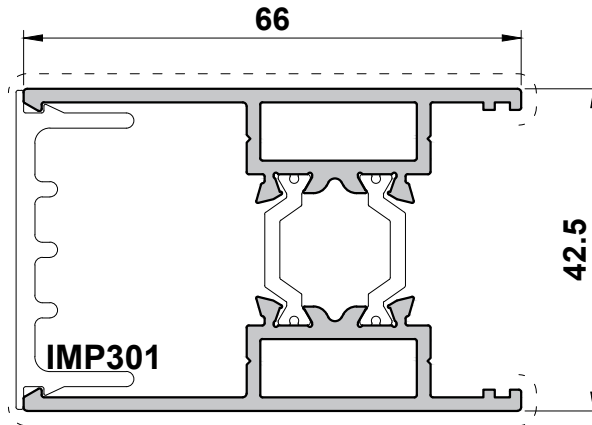
VG928
Bottom Rail



IMP301
PVC Infill Strip



VG929
Locking Stile

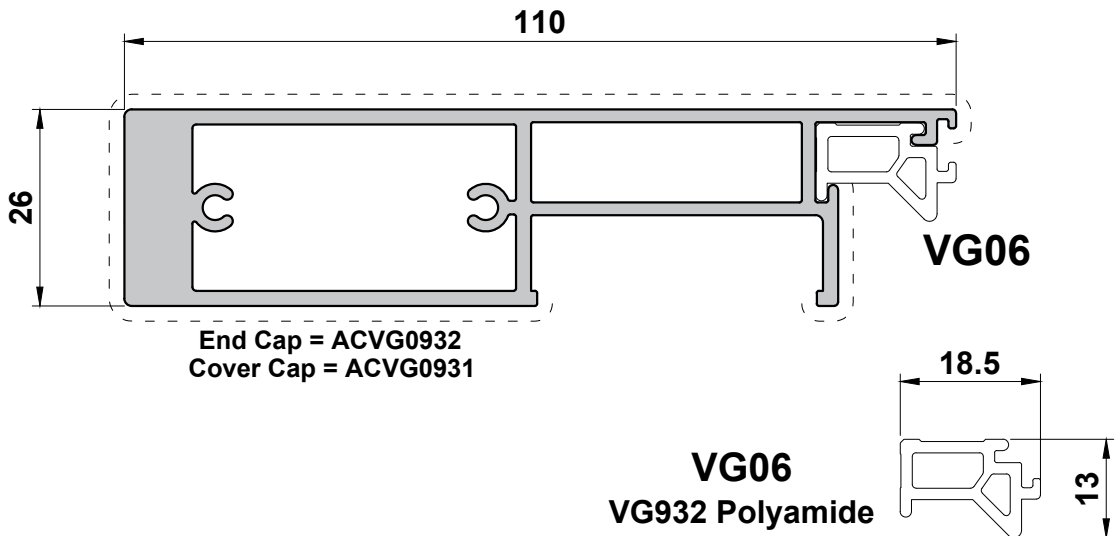


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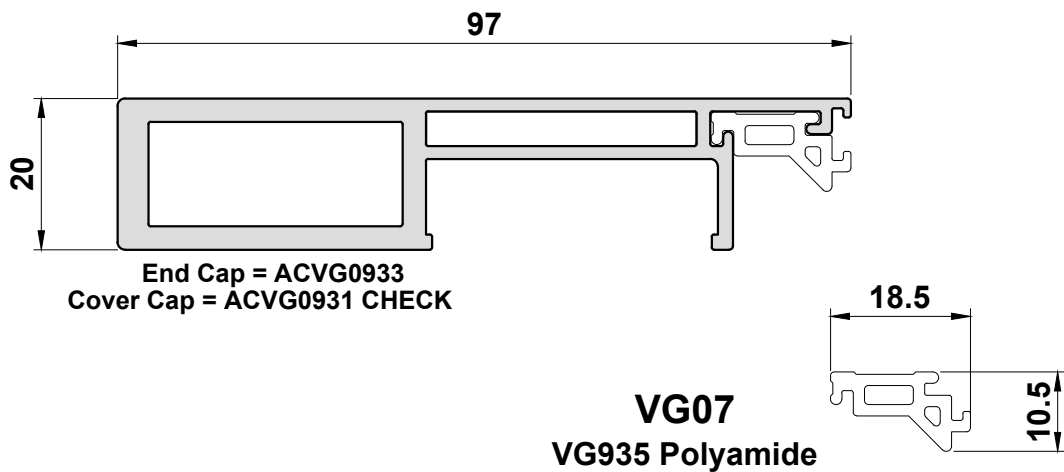
Primary Visible Side

Secondary Visible Side

VG932
Locking Interlock



VG935
20mm Interlock

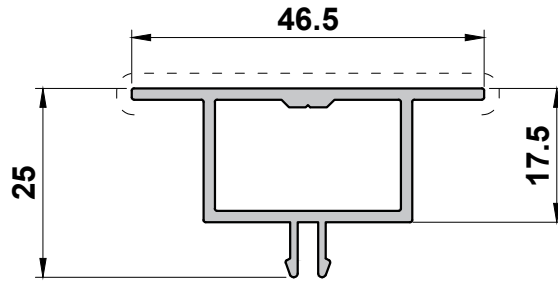


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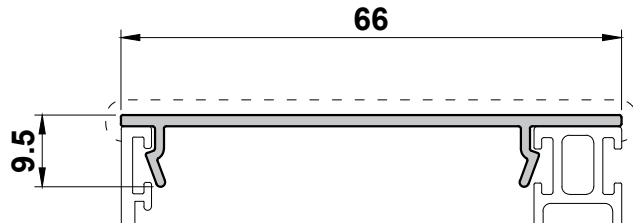
Primary Visible Side

Secondary Visible Side

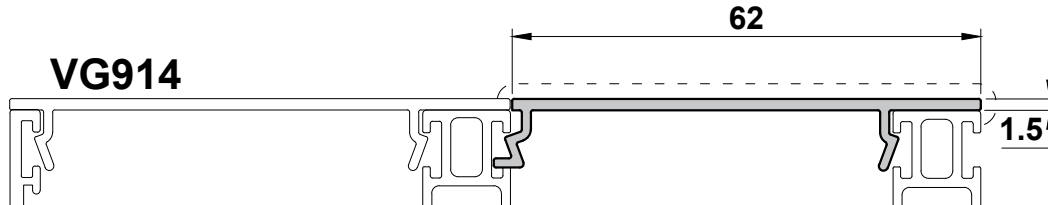
VG980
Track Infill
(Anti-Lift & Buffer)



VG914
Two Track Cover



VG915
Three Track Cover

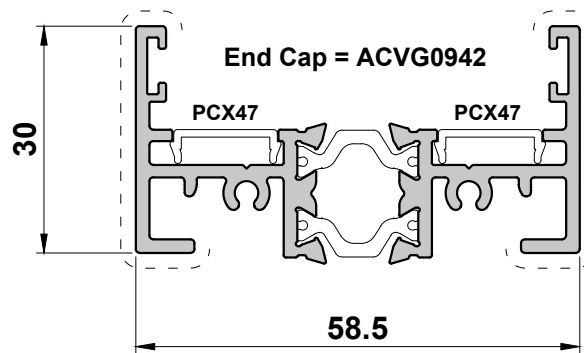


Scale 1:1

Primary Visible Side

Secondary Visible Side

VG942 Meeting Stile



PCX47 PVC Infill



Scale 1:1

Primary Visible Side

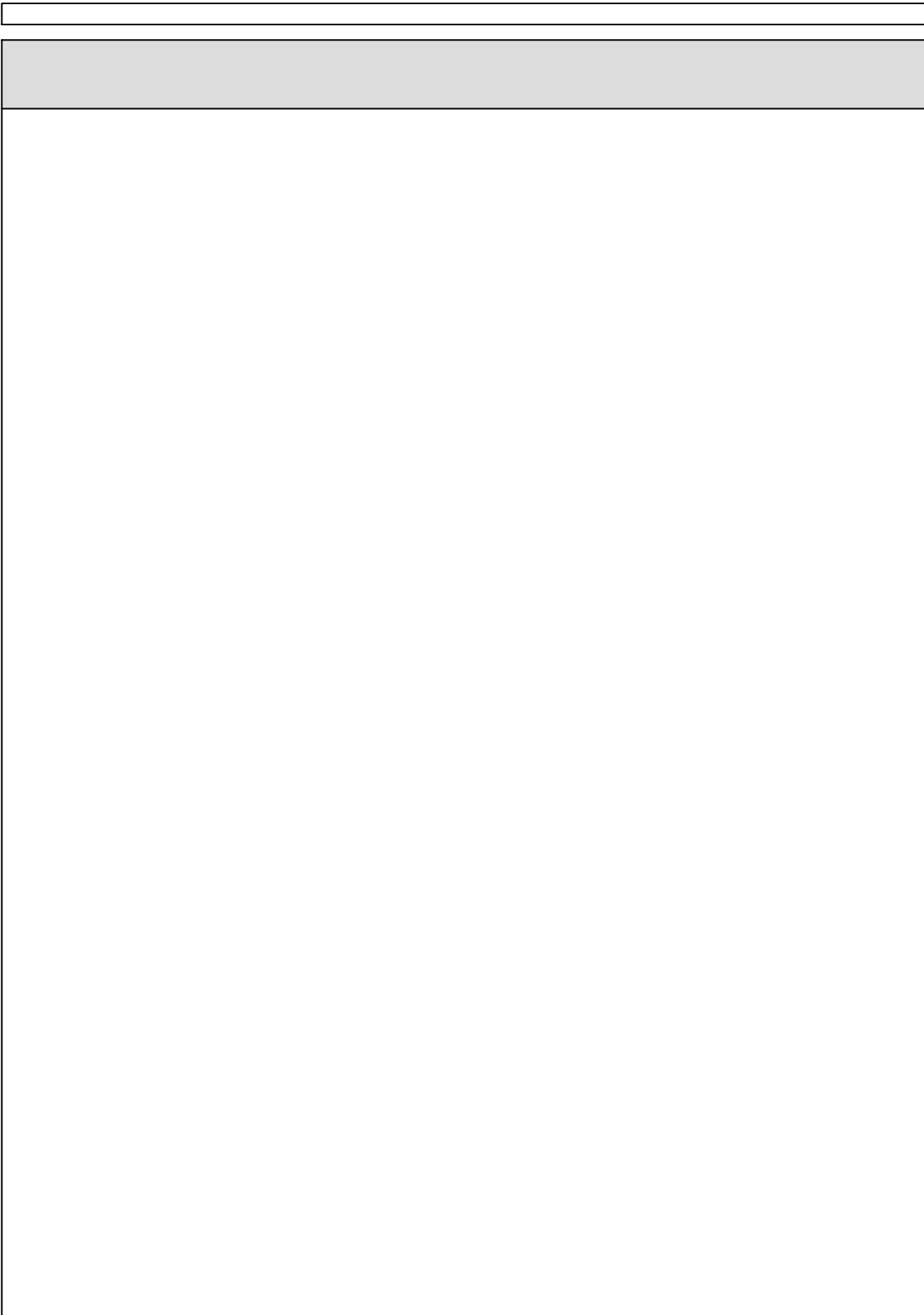
Secondary Visible Side

Scale 1:1

Section B

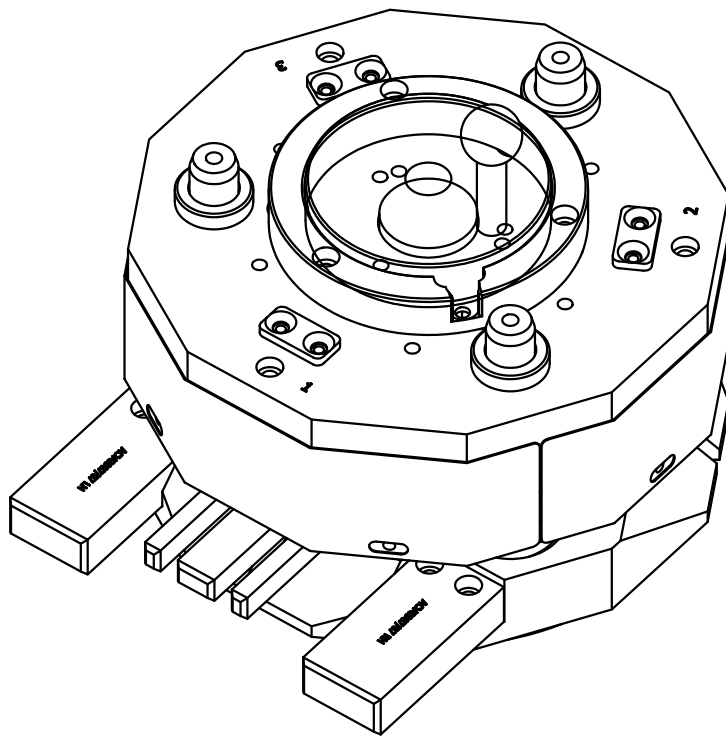
Accessories

Photos & Drawings



Punch Tool

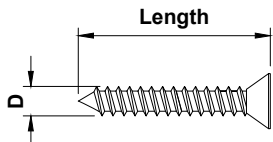
Part Number : ACVG907



Spray Oil: ACVL158

Punch Tool Base : ACIP529

Countersunk Screws



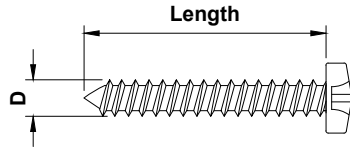
Gauge	'D' (mm)
No.6	3.5
No.7	3.8
No.8	4
No.10	5
No.12	6

Part Number	Gauge	X	Length	Description	Box Qty.
ACUN3530	No.6	X	5/8"	Countersunk Pozi Self Tapper S/S	100
MUA025SSZ	No.6	X	1"	Countersunk Pozi Self Tapper S/S	100
ACET067	No.7	X	1/2"	Countersunk Pozi Self Tapper S/S	100
ACET060	No.7	X	1"	Countersunk Pozi Self Tapper S/S	100
ACET066	No.7	X	1 1/2"	Countersunk Pozi Self Tapper S/S	100
MUA067SSZ	No.7	X	2"	Countersunk Pozi Self Tapper S/S	100
ACUN3544	No.7	X	3/4"	Countersunk Pozi Self Tapper S/S	100
ACET064	No.8	X	5/8"	Countersunk Pozi Self Tapper S/S	100
ACUN3512	No.8	X	1 1/4"	Countersunk Pozi Self Tapper S/S	100
ACUN3513	No.8	X	1 3/4"	Countersunk Pozi Self Tapper S/S	100
ACET072	No.8	X	2 1/2"	Countersunk Pozi Self Tapper S/S	100
ACET490	4.3mm	X	16mm	Countersunk PH2 Polyamide Screw	1000
ACET290	4.3mm	X	20mm	Countersunk PH2 Polyamide Screw	100
ACET390	4.3mm	X	25mm	Countersunk PH2 Polyamide Screw	200
ACET190	4.3mm	X	45mm	Countersunk PH2 Polyamide Screw	1000
ACVS062	4.3mm	X	65mm	Countersunk PH2 Polyamide Screw	1000
ACET048	No.10	X	3/8"	Countersunk Pozi Self Tapper S/S	100
ACIM062	No.10	X	1 1/4"	Countersunk Pozi Self Tapper S/S	100
ACET062	No.10	X	2"	Countersunk Pozi Self Tapper S/S	100
ACET076	No.10	X	2 1/2"	Countersunk Pozi Self Tapper S/S	100

POLYAMIDE SCREWS

Part Number	Gauge	X	Length	Description	Box Qty.
ACET490	4.3mm	X	16mm	Countersunk PH2 Polyamide Screw	1000
ACET290	4.3mm	X	20mm	Countersunk PH2 Polyamide Screw	100
ACET390	4.3mm	X	25mm	Countersunk PH2 Polyamide Screw	200
ACET190	4.3mm	X	45mm	Countersunk PH2 Polyamide Screw	1000
ACVS062	4.3mm	X	65mm	Countersunk PH2 Polyamide Screw	1000

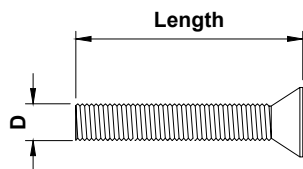
Pan Head Screws



Gauge	'D' (mm)
No.6	3.5
No.7	3.8
No.8	4
No.10	5
No.12	6

Part Number	Gauge	X	Length	Description	Box Qty.
ACET068	No.8	X	3/8"	Pozi Flange AB	100
ACET063	No.8	X	1/2"	Pan Head Self Tapper	100
ACET070	No.8	X	1/2"	Pozi Flange Self Tapper S/S	100
ACUN3535	No.8	X	5/8"	Pan Head Pozi S/S	100
ACET099	No.8	X	3/4"	Pozi Flange Self Tapper S/S	100
ACDR050	4.8mm	X	32mm	Pan Head Pozi S/S	200
PUA028	No.10	X	1"	Pan Head Pozi S/S	100
ACDR052	No.10	X	2"	Pan Head Self Tapper S/S	200
ACET079	No.10	X	2 1/2"	Pan Head Pozi S/S	100
ACW20160	No.12	X	1"	Flange Head Self Tapper S/S	100
ACMC109	6.3mm	X	38mm	DIN7981 - Pan Head Self Tapper	200

Machine Screws



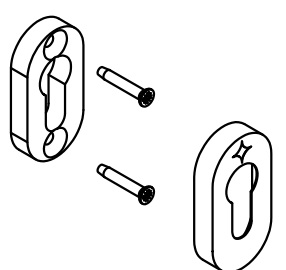

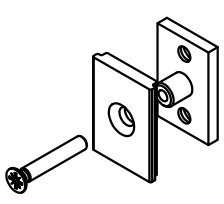
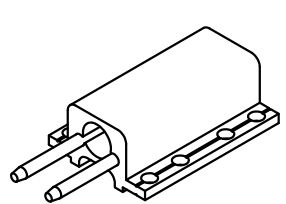
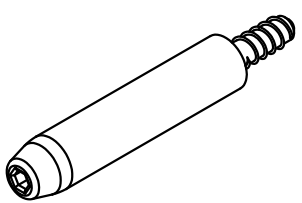


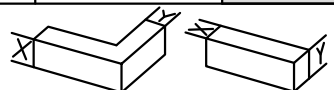
Thread	'D' (mm) Nominal
M4	4
M5	5
M6	6
M8	8
M10	10

Part Number	Thread	X	Length	Description	Box Qty.
ACET122	M4	X	10	CSK Pozi Machine Screw	100
ACET123	M4	X	20	CSK Pozi Machine Screw	100
ACUN3537	M4	X	25	CSK Pozi Machine Screw	100
ACDV264	M4	X	35	CSK Pozi Machine Screw	100
ACSG071	M4	X	40	CSK Pozi Machine Screw	100
ACDV266	M4	X	45	CSK Pozi Machine Screw	100
ACDV262	M4	X	50	CSK Pozi Machine Screw	100
ACDV265	M4	X	60	CSK Pozi Machine Screw	100
ACDR051	M5	X	10	CSK Pozi Machine Screw	100
ACET069	M5	X	12	CSK Pozi Machine Screw	100
HEA132	M5	X	16	CSK Pozi Machine Screw	100
WCA134	M5	X	20	CSK Pozi Machine Screw	100
WCA143	M5	X	25	CSK Pozi Machine Screw	50
ACVS061	M5	X	40	CSK Pozi Machine Screw	100
ACET133	M5	X	50	CSK Pozi Machine Screw	100
ACET220	M5	X	60	CSK Pozi Machine Screw	100
ACET238	M5	X	70	CSK Pozi Machine Screw	100
ACMX861	M5	X	80	DIN965 - CSK Machine Screw	10
ACMX862	M5	X	90	DIN965 - CSK Machine Screw	10
ACUN3503	M6	X	10	CSK Socket Machine Screw	24
ACUN3501	M6	X	13	CSK Flange Socket Machine Screw	48
ACMX852	M6	X	16	DIN965 - CSK Machine Screw	10
HEA390	M6	X	16	CSK Socket Machine Screw	32
ACET235	M6	X	60	CSK Pozi Machine Screw	100
ACET237	M6	X	70	CSK Pozi Machine Screw	100

ACCESSORIES : PHOTOS & DRAWINGS

Image	Part Code	Pack	Unit	Application	Colour
	ACCY3030NKS1 1 Star High Security 30/30 Europrofile Cylinder Anti-Bump, Anti-Pick, Anti-Screw & Anti-Drill protection. Nickel Finish For Keyed Alike Order ACCY3030NKS1SL	1	Each	ACSZ040 ACSZ041 ACSZ042	MF
					SA
	ACVG565 Fixed Roller	1	Each	VG928	KL
					HP
	ACET057 Mechanical Cleat	24	pack	VG901 VG902	SSC
					SMC
	ACET131 Drainage Cover Cap For colour matched drainage caps, please order ACET432	100	Pack	VG901 VG902	W
					Z
	ACET432 Drainage Cover Cap (Colour Match)	8	Pack	VG901 VG902	KL
					HP
	MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour SSC = Smooth Satin Chrome SMC = Smokey Chrome PC = Polished Chrome	W = White Z = Black			

ACCESSORIES : PHOTOS & DRAWINGS

Image	Part Code	Pack	Unit	Application	
	ACSM015 Stainless Steel Escutcheon	1	Each		MF SA KL HP SSC SMC W Z PC
	ACVG0904 Gasket	100	m	VG928 VG929	MF SA KL HP SSC SMC W Z PC
	ACVG0925 BT Lock Fixing Kit	10	Pack	VG929	MF SA KL HP SSC SMC W Z PC
	ACVG0926 BT Lock Guide	1	Each	VG929	MF SA KL HP SSC SMC W Z ✓ PC
	ACVG0928 Shootbolt for BT Lock	1	Each	ACSZ040 ACSZ041 ACSZ042	MF ✓ SA KL HP SSC SMC W Z PC
 <p>T-BARS ACVG665=2.5mm ACVG666=3.0mm ACVL150=4.0mm</p>  <p>Screw (Grub)</p>	<p>MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour SSC = Smooth Satin Chrome SMC = Smokey Chrome PC = Polished Chrome</p>	<p>W = White Z = Black</p>			

ACCESSORIES : PHOTOS & DRAWINGS

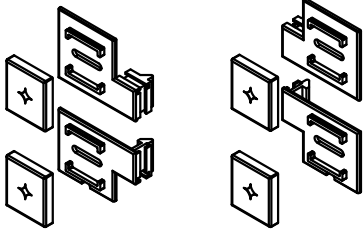
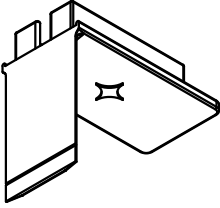
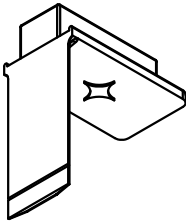
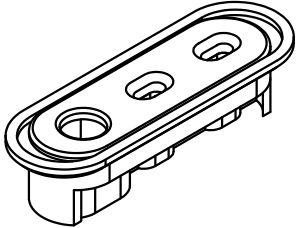
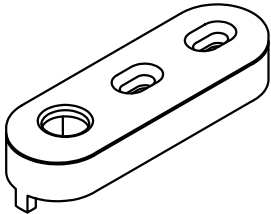


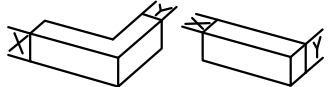
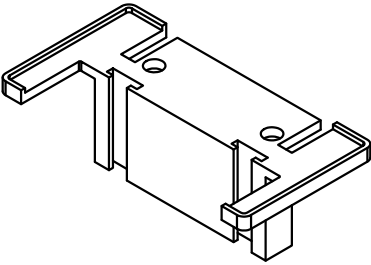
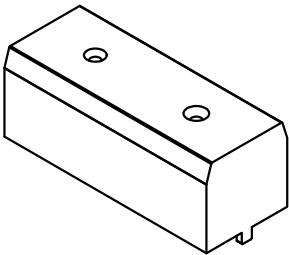
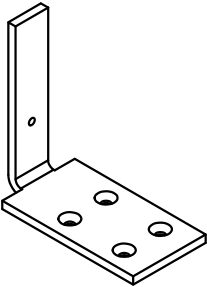
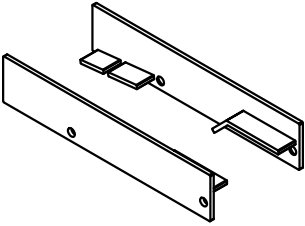
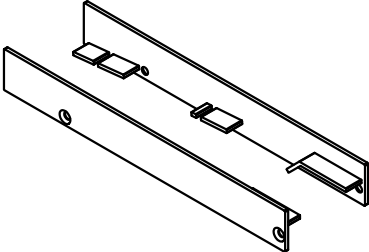


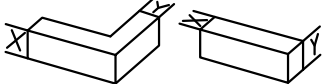
Image	Part Code	Pack	Unit	Application		
	ACVG0931 Interlock Cover Caps Each kit contains: 1 x Right Hand Kit 1 x Left Hand Kit	1	Kit	VG932	MF	
					SA	
					KL	
					HP	
					SSC	
					SMC	
					W	✓
					Z	✓
					PC	
	ACVG0932 End Cap	2	pack	VG932	MF	
					SA	
					KL	
					HP	
					SSC	
					SMC	
					W	✓
					Z	✓
					PC	
	ACVG0933 End Cap	2	pack	VG935	MF	
					SA	
					KL	
					HP	
					SSC	
					SMC	
					W	✓
					Z	✓
					PC	
	ACVG0934 Threshold BT Lock Keep	1	Each	VG918	MF	
					SA	
					KL	
					HP	
					SSC	
					SMC	
					W	
					Z	
					PC	
	ACVG0935 Head BT Lock Keep	1	Each	VG901 VG902	MF	
					SA	
					KL	
					HP	
					SSC	
					SMC	
					W	
					Z	
					PC	
 <small>T-BARS ACVG66=2.5mm ACVG66=3.0mm ACVL150=4.0mm</small>	 <small>Screw (Grub)</small>	MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour SSC = Smooth Satin Chrome SMC = Smokey Chrome PC = Polished Chrome	W = White Z = Black			

Image	Part Code	Pack	Unit	Application	Colour																		
	ACVG0942 VG942 End Cap	2	Pack	VG942	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td>✓</td></tr> <tr><td>Z</td><td>✓</td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W	✓	Z	✓	PC	
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SSC																							
SMC																							
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Z	✓																						
PC																							
	ACVG0945 Fixed Sash Support	4	Pack	VG901 VG902	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td>✓</td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W	✓	Z		PC	
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HP																							
SSC																							
SMC																							
W	✓																						
Z																							
PC																							
	ACVG0946 Fixed Sash Bracket	2	Pack	VG901 VG902	<table border="1"> <tr><td>MF</td><td>✓</td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF	✓	SA		KL		HP		SSC		SMC		W		Z		PC	
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	ACVG0956 VG956 End Cap	2	pack	VG956	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td>✓</td></tr> <tr><td>Z</td><td>✓</td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W	✓	Z	✓	PC	
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	ACVG0959 VG959 End Cap	2	pack	VG959	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td>✓</td></tr> <tr><td>Z</td><td>✓</td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W	✓	Z	✓	PC	
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ACCESSORIES : PHOTOS & DRAWINGS

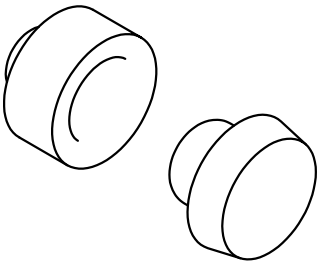
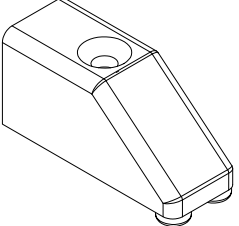
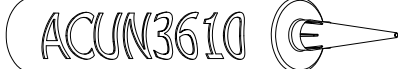

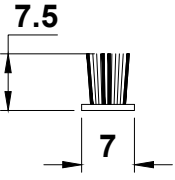


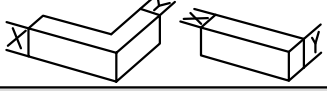
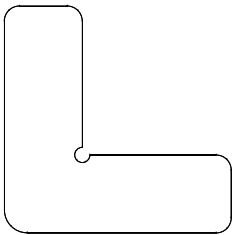
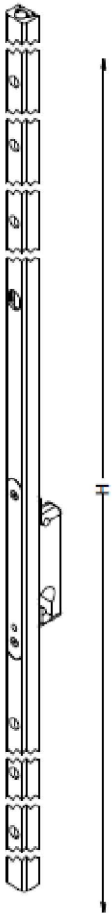

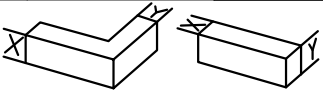







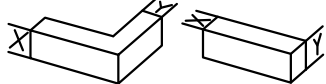
Image	Part Code	Pack	Unit	Application	Colour																		
	ACVG0980 Rubber Buffer	1	Each	VG929 VG980	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td>✓</td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z	✓	PC	
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	ACUN348 Door Stop/Buffer Note: SA version is RAL9006	1	Each	VG929	<table border="1"> <tr><td>MF</td><td>✓</td></tr> <tr><td>SA</td><td>✓</td></tr> <tr><td>KL</td><td>✓</td></tr> <tr><td>HP</td><td>✓</td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td>✓</td></tr> <tr><td>Z</td><td>✓</td></tr> <tr><td>PC</td><td></td></tr> </table>	MF	✓	SA	✓	KL	✓	HP	✓	SSC		SMC		W	✓	Z	✓	PC	
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PC																							
	ACUN3610 Single Component Adhesive	1	Each	VG923 VG928 VG929	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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	ACUN3612 Surface Activator (1L)	1	Each	VG923 VG928 VG929	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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	ACUN3216 Quadrafin Woolpile	100	m	VG901 VG902 VG932 VG935 VG942	<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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Image	Part Code	Pack	Unit	Application	Colour								
	WCA106 Large Stainless Steel Chevrone	50	pack	VG901 VG902	MF								
					SA								
					KL								
					HP								
					SSC								
					SMC								
					W								
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Z													
PC													
	BT Lock (Cylinder operated) <table border="1"> <tr> <td>Lock</td> <td>Sash height</td> </tr> <tr> <td>ACSZ040</td> <td>≤2366 mm.</td> </tr> <tr> <td>ACSZ041</td> <td>≤2700 mm.</td> </tr> <tr> <td>ACSZ042</td> <td>≤3100 mm.</td> </tr> </table> Only to lock into outerframe	Lock	Sash height	ACSZ040	≤2366 mm.	ACSZ041	≤2700 mm.	ACSZ042	≤3100 mm.	1	Each	VG929 ACVG0926 ACVG0928 ACVG0935 ACVG0936	MF
		Lock	Sash height										
		ACSZ040	≤2366 mm.										
		ACSZ041	≤2700 mm.										
		ACSZ042	≤3100 mm.										
		SA											
		KL											
		HP											
		SSC											
		SMC											
W													
Z	✓												
PC													
MF													
SA													
KL													
HP													
SSC													
SMC													
W													
Z	✓												
PC													
 <p>T-BARS ACG65=2.5mm ACG66=3.0mm ACVL150=4.0mm</p> <p>Screw (Grub)</p>	MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour SSC = Smooth Satin Chrome SMC = Smokey Chrome PC = Polished Chrome	W = White Z = Black											

ACCESSORIES : PHOTOS & DRAWINGS

Image	Part Code	Pack	Unit	Application	Colour
	ACSZ971 Internal Pull Handle	1	Each		MF
					SA
					KL
					HP
					SSC
					SMC
					W
					Z
					PC
	ACSZ972 External Pull Handle	1	Each		MF
					SA
					KL
					HP
					SSC
					SMC
					W
					Z
					PC
	ACSZ973 Internal Pull Handle (Single Fixing)	1	Each		MF
					SA
					KL
					HP
					SSC
					SMC
					W
					Z
					PC
	ACSZ981 Internal Pull Handle with Grip	1	Each		MF
					SA
					KL
					HP
					SSC
					SMC
					W
					Z
					PC
	ACSZ982 External Pull Handle with Grip	1	Each		MF
					SA
					KL
					HP
					SSC
					SMC
					W
					Z
					PC
 <small>T-BARS ACVG65=2.5mm ACVG66=3.0mm ACVL150=4.0mm</small>	 <small>Screw (Grub)</small>	MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour SSC = Smooth Satin Chrome SMC = Smokey Chrome PC = Polished Chrome	W = White Z = Black		

ACCESSORIES : PHOTOS & DRAWINGS



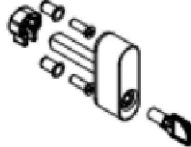



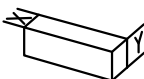
Image	Part Code	Pack	Unit	Application	Colour	
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					KL <input type="checkbox"/>	
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					SMC <input type="checkbox"/>	
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					Z <input type="checkbox"/>	
					PC <input type="checkbox"/>	
					MF <input type="checkbox"/>	
SA <input type="checkbox"/>						
KL <input type="checkbox"/>						
HP <input type="checkbox"/>						
SSC <input type="checkbox"/>						
SMC <input type="checkbox"/>						
W <input type="checkbox"/>						
Z <input type="checkbox"/>						
PC <input type="checkbox"/>						
	ACSZ990 Turn Knob with Square Spindle	1	Each		MF <input type="checkbox"/>	
					SA <input type="checkbox"/>	
					KL <input type="checkbox"/>	
					HP <input type="checkbox"/>	
					SSC <input type="checkbox"/>	
					SMC <input type="checkbox"/>	
					W <input type="checkbox"/>	
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SA <input type="checkbox"/>						
KL <input type="checkbox"/>						
HP <input type="checkbox"/>						
SSC <input type="checkbox"/>						
SMC <input type="checkbox"/>						
W <input type="checkbox"/>						
Z <input type="checkbox"/>						
PC <input type="checkbox"/>						
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					SMC <input type="checkbox"/>	
					W <input type="checkbox"/>	
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HP <input type="checkbox"/>						
SSC <input type="checkbox"/>						
SMC <input type="checkbox"/>						
W <input type="checkbox"/>						
Z <input type="checkbox"/>						
PC <input type="checkbox"/>						
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					KL <input type="checkbox"/>	
					HP <input type="checkbox"/>	
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					SMC <input type="checkbox"/>	
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					PC <input type="checkbox"/>	
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KL <input type="checkbox"/>						
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SSC <input type="checkbox"/>						
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W <input type="checkbox"/>						
Z <input type="checkbox"/>						
PC <input type="checkbox"/>						
 <small>T-BARS ACVG65=2.5mm ACVG66=3.0mm ACVL150=4.0mm</small>  <small>Screw (Grub)</small>	MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour SSC = Smooth Satin Chrome SMC = Smokey Chrome PC = Polished Chrome				W = White Z = Black	
					 	









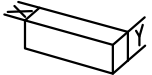
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KL																							
HP																							
SSC																							
SMC																							
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PC																							
	ACMX09761 Maxi Gloss	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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KL																							
HP																							
SSC																							
SMC																							
W																							
Z																							
PC																							
	ACMX09762 Alu. Bright	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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SSC																							
SMC																							
W																							
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	ACMX09763 Teflon Spray	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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SSC																							
SMC																							
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PC																							
	ACMX09764 Maxi Clean	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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Image	Part Code	Pack	Unit	Application	Colour																		
	ACMX09765 Alu. Cleaner	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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KL																							
HP																							
SSC																							
SMC																							
W																							
Z																							
PC																							
	ACMX09770 Roll & Wrap 100mm	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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KL																							
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SSC																							
SMC																							
W																							
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	ACMX09775 Grip Handwrap	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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SSC																							
SMC																							
W																							
Z																							
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	ACMX09801 Protective Tape 50mm	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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SA																							
KL																							
HP																							
SSC																							
SMC																							
W																							
Z																							
PC																							
	ACMX09802 Protective Tape 70mm	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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SA																							
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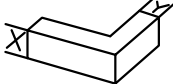
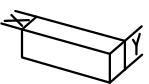



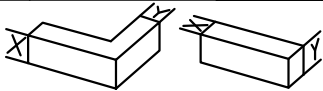
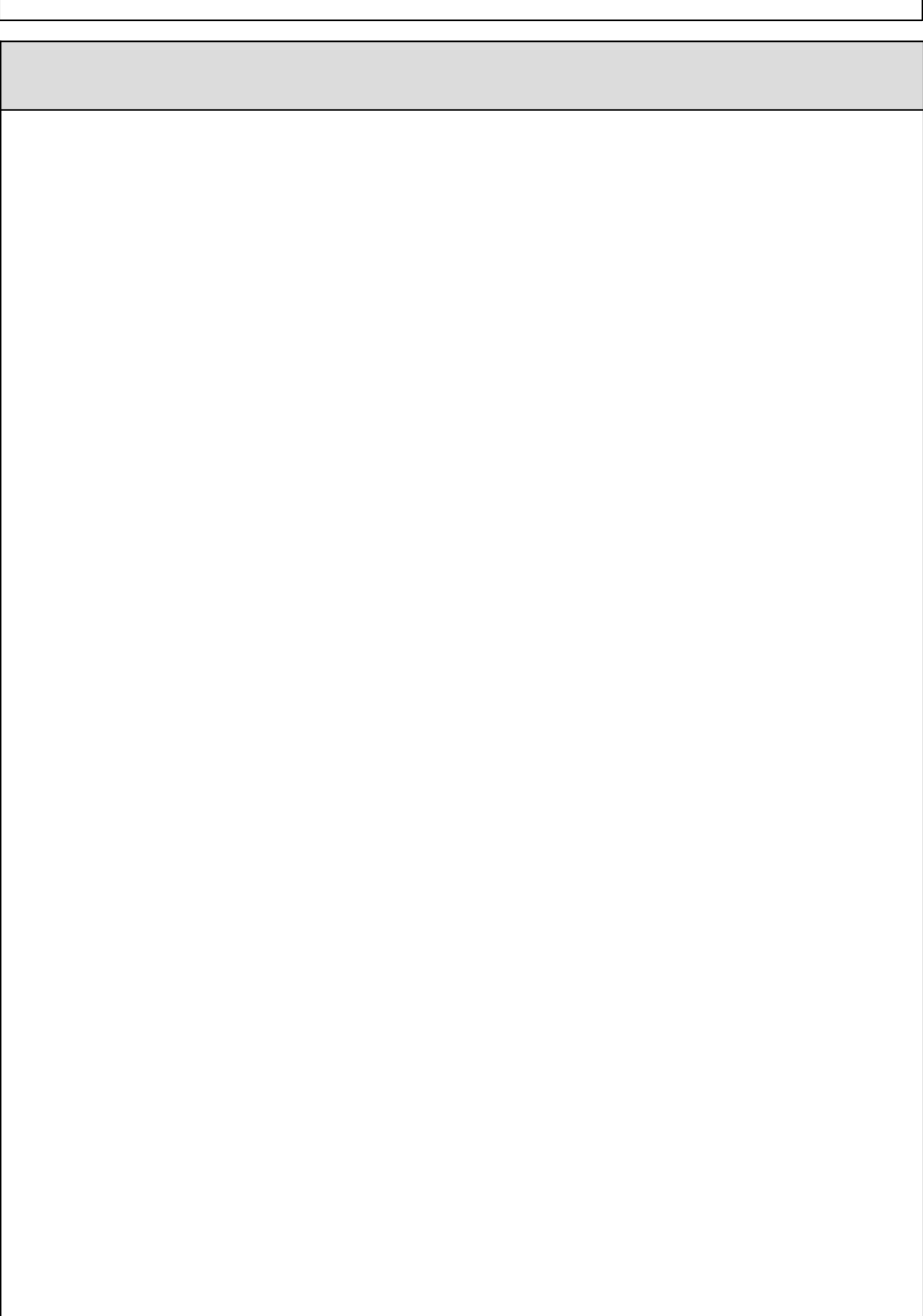
Image	Part Code	Pack	Unit	Application	Colour																		
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SA																							
KL																							
HP																							
SSC																							
SMC																							
W																							
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PC																							
	ACMX09830 Rubber Sealant	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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	ACSIL04 Sealing Glue Order with suffix of KL colour (eg.ACSIL04KL005) or BL=Black/WP=White/ CL=Clear	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td>✓</td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td>✓</td></tr> <tr><td>Z</td><td>✓</td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL	✓	HP		SSC		SMC		W	✓	Z	✓	PC	
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HP																							
SSC																							
SMC																							
W	✓																						
Z	✓																						
PC																							
	ACSIL08 Silicon Gun	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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SSC																							
SMC																							
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	ACSIL013 Glue for Mitre	1	each		<table border="1"> <tr><td>MF</td><td></td></tr> <tr><td>SA</td><td></td></tr> <tr><td>KL</td><td></td></tr> <tr><td>HP</td><td></td></tr> <tr><td>SSC</td><td></td></tr> <tr><td>SMC</td><td></td></tr> <tr><td>W</td><td></td></tr> <tr><td>Z</td><td></td></tr> <tr><td>PC</td><td></td></tr> </table>	MF		SA		KL		HP		SSC		SMC		W		Z		PC	
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Image	Part Code	Pack	Unit	Application	Colour
	ACSIL014 Anti-Corrosion Coating	1	each		MF <input checked="" type="checkbox"/>
					SA <input type="checkbox"/>
					KL <input type="checkbox"/>
					HP <input type="checkbox"/>
					SSC <input type="checkbox"/>
					SMC <input type="checkbox"/>
					W <input type="checkbox"/>
					Z <input type="checkbox"/>
					PC <input type="checkbox"/>
	ACUN3900 Gasket Roller	1	each		MF <input type="checkbox"/>
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					KL <input type="checkbox"/>
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					SMC <input type="checkbox"/>
					W <input type="checkbox"/>
					Z <input type="checkbox"/>
					PC <input type="checkbox"/>
					MF <input type="checkbox"/>
					SA <input type="checkbox"/>
					KL <input type="checkbox"/>
					HP <input type="checkbox"/>
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					SMC <input type="checkbox"/>
					W <input type="checkbox"/>
					Z <input type="checkbox"/>
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					SA <input type="checkbox"/>
					KL <input type="checkbox"/>
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					SMC <input type="checkbox"/>
					W <input type="checkbox"/>
					Z <input type="checkbox"/>
					PC <input type="checkbox"/>
	MF = Mill Finish SA = Silver Anodised KL = Basic Colour HP = Special Colour SSC = Smooth Satin Chrome SMC = Smokey Chrome PC = Polished Chrome				MF <input type="checkbox"/>
					SA <input type="checkbox"/>
					KL <input type="checkbox"/>
					HP <input type="checkbox"/>
					SSC <input type="checkbox"/>
					SMC <input type="checkbox"/>
					W <input type="checkbox"/>
					Z <input type="checkbox"/>
					PC <input type="checkbox"/>
		W = White Z = Black			

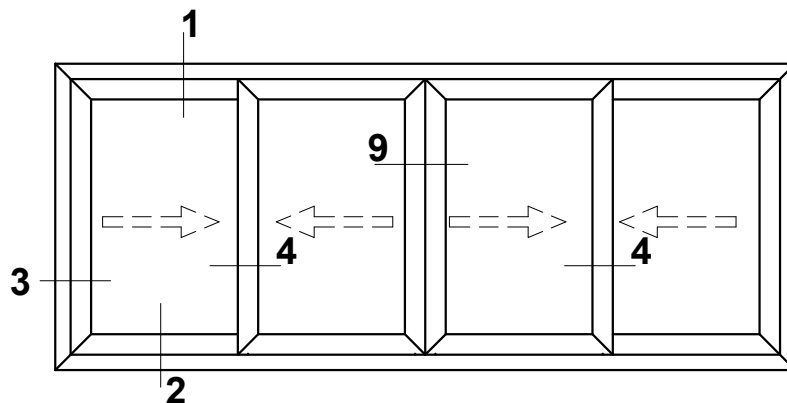
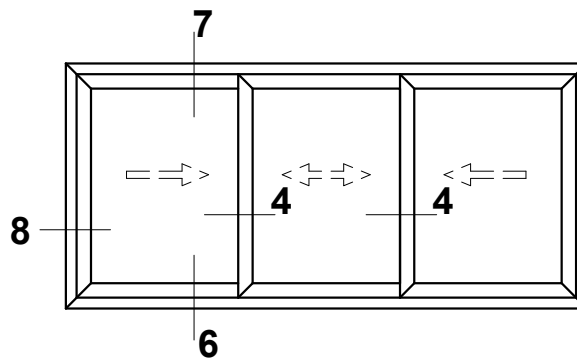
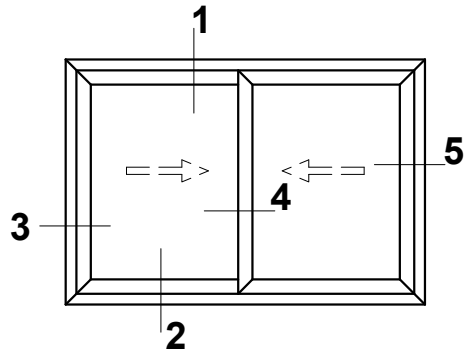
Section C

Sections

Scale Elevations

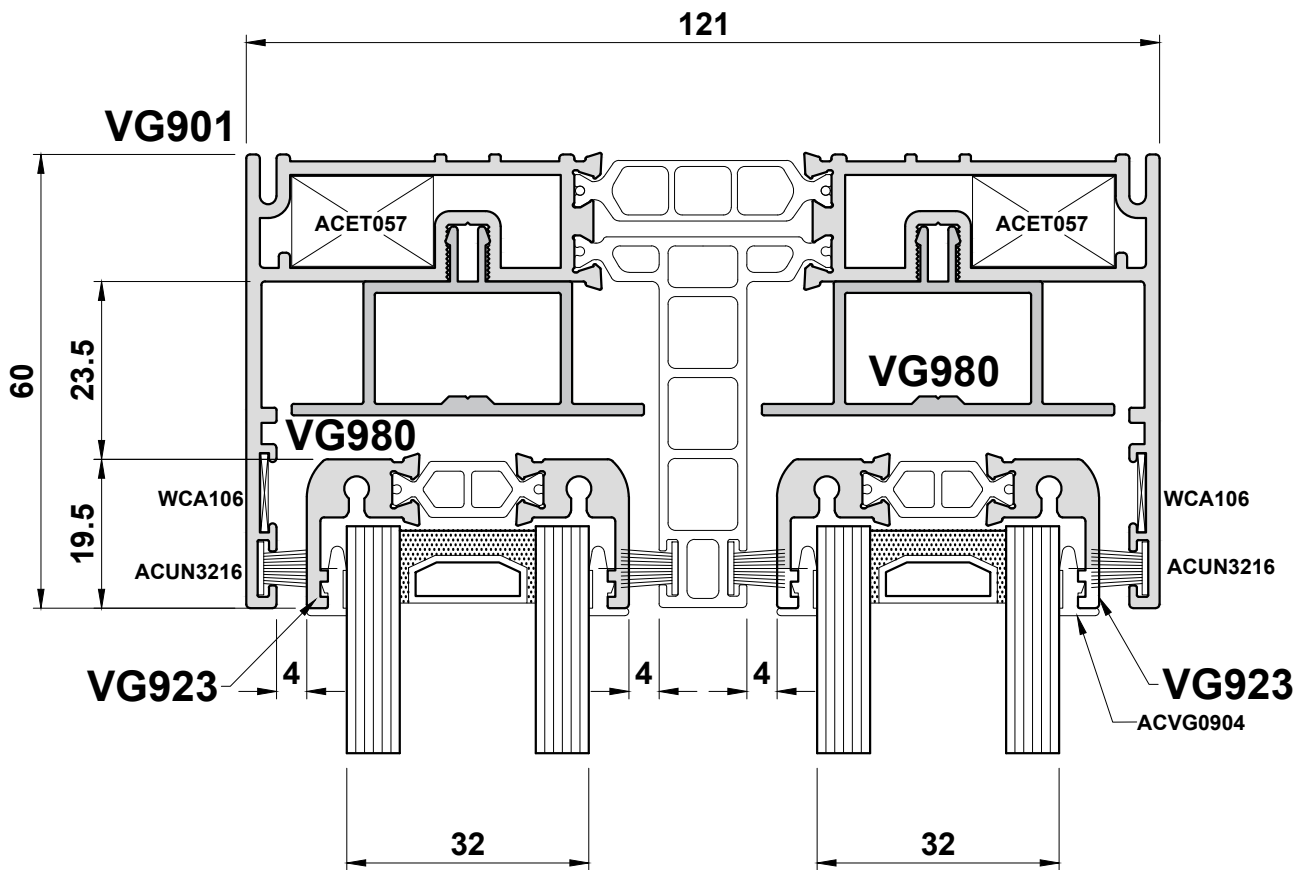
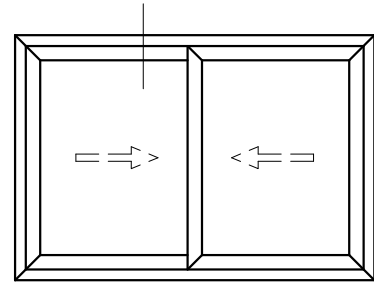


Scale Elevations



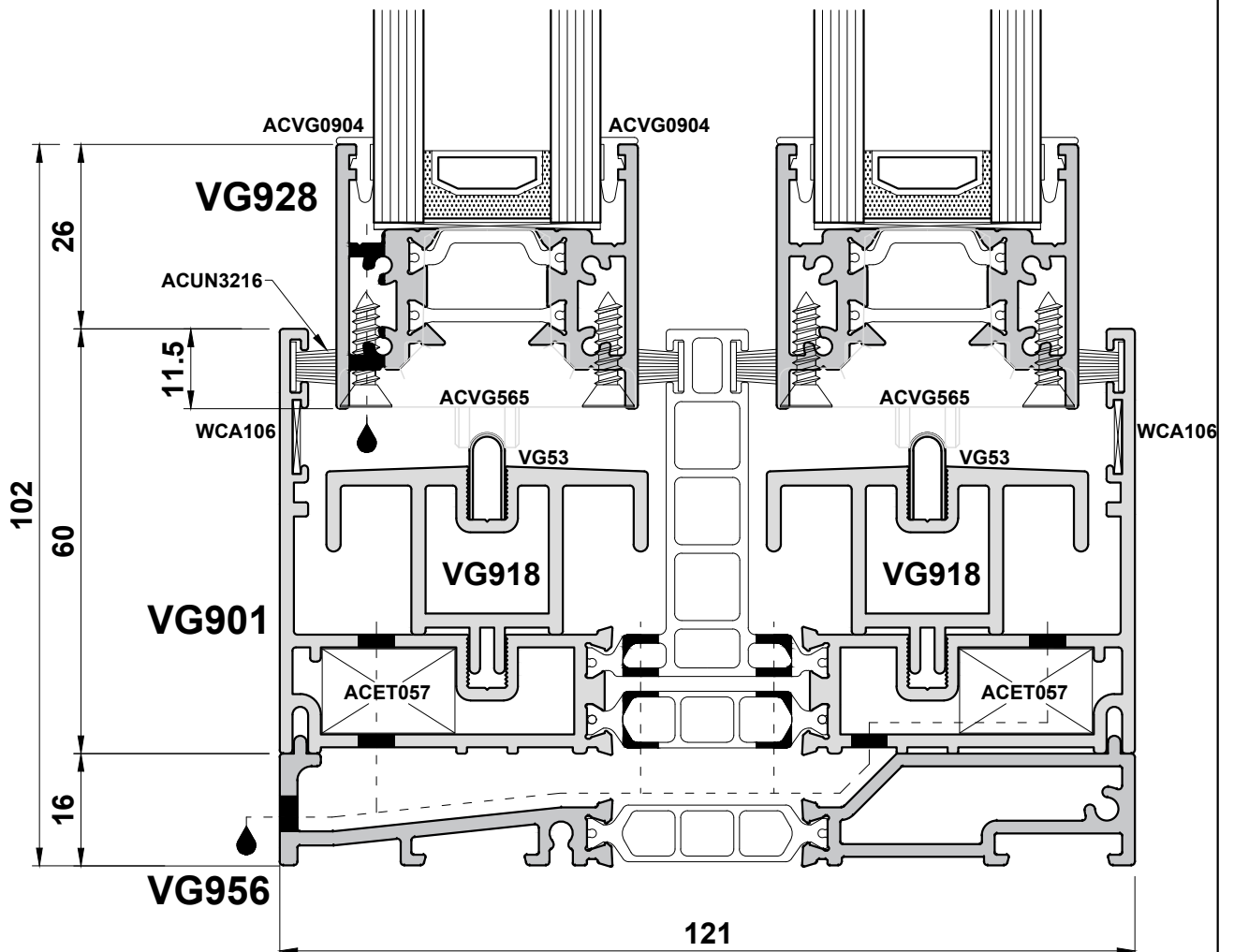
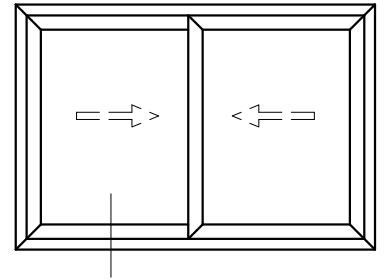
Do Not Scale From This Drawing

Detail 1



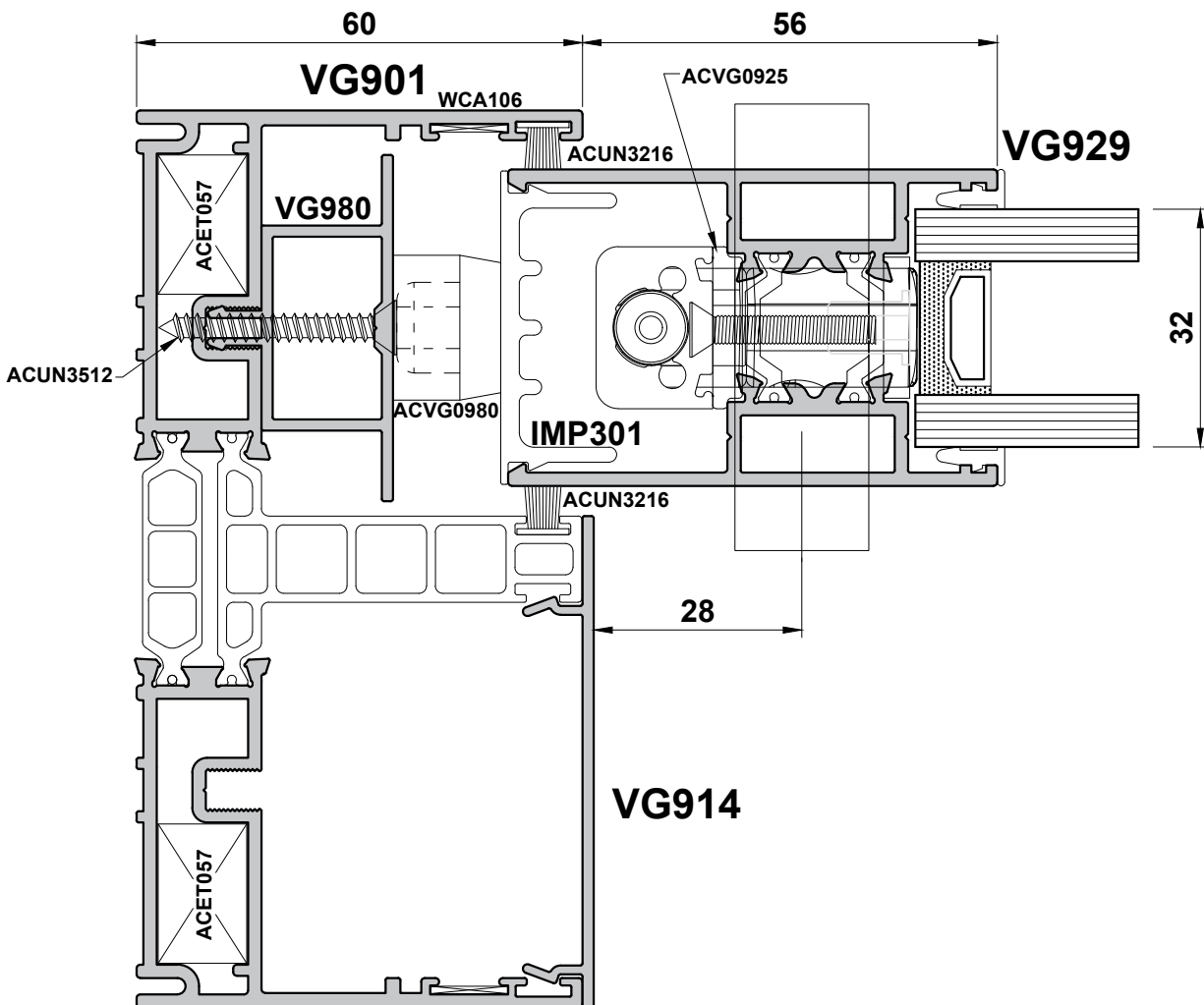
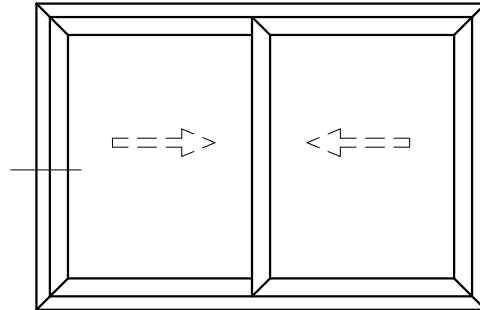
Do Not Scale From This Drawing

Detail 2



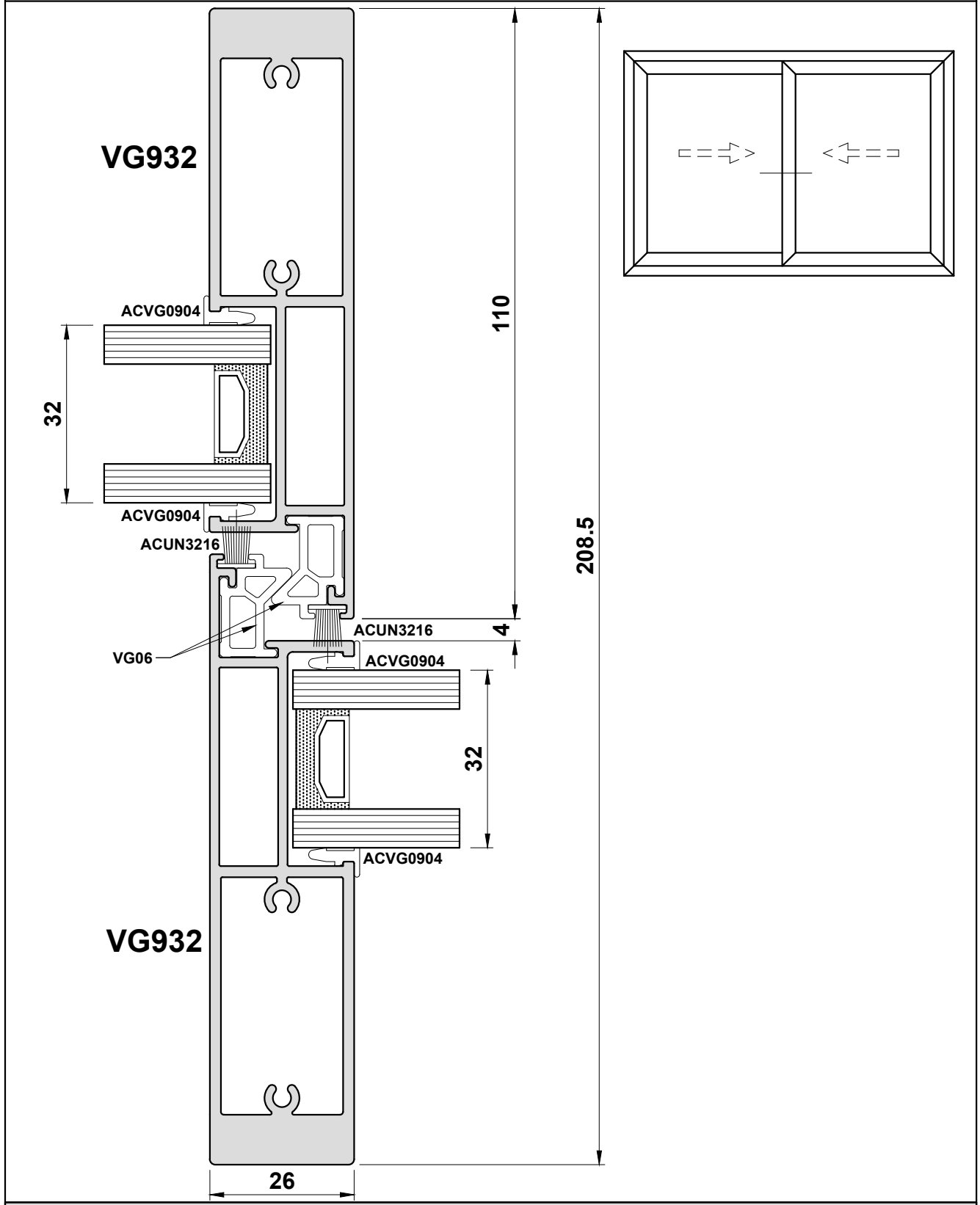
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Detail 3



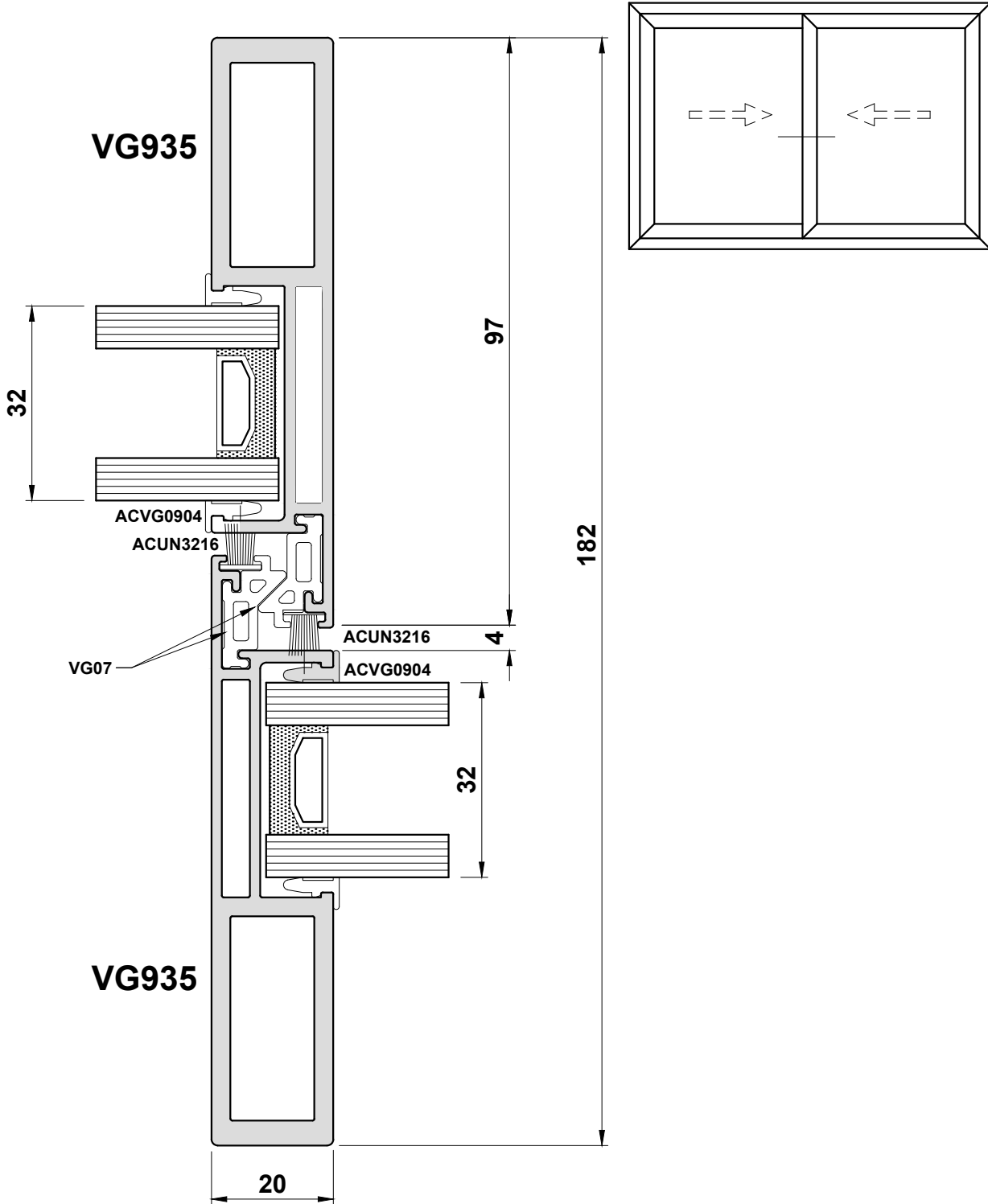
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Detail 4A



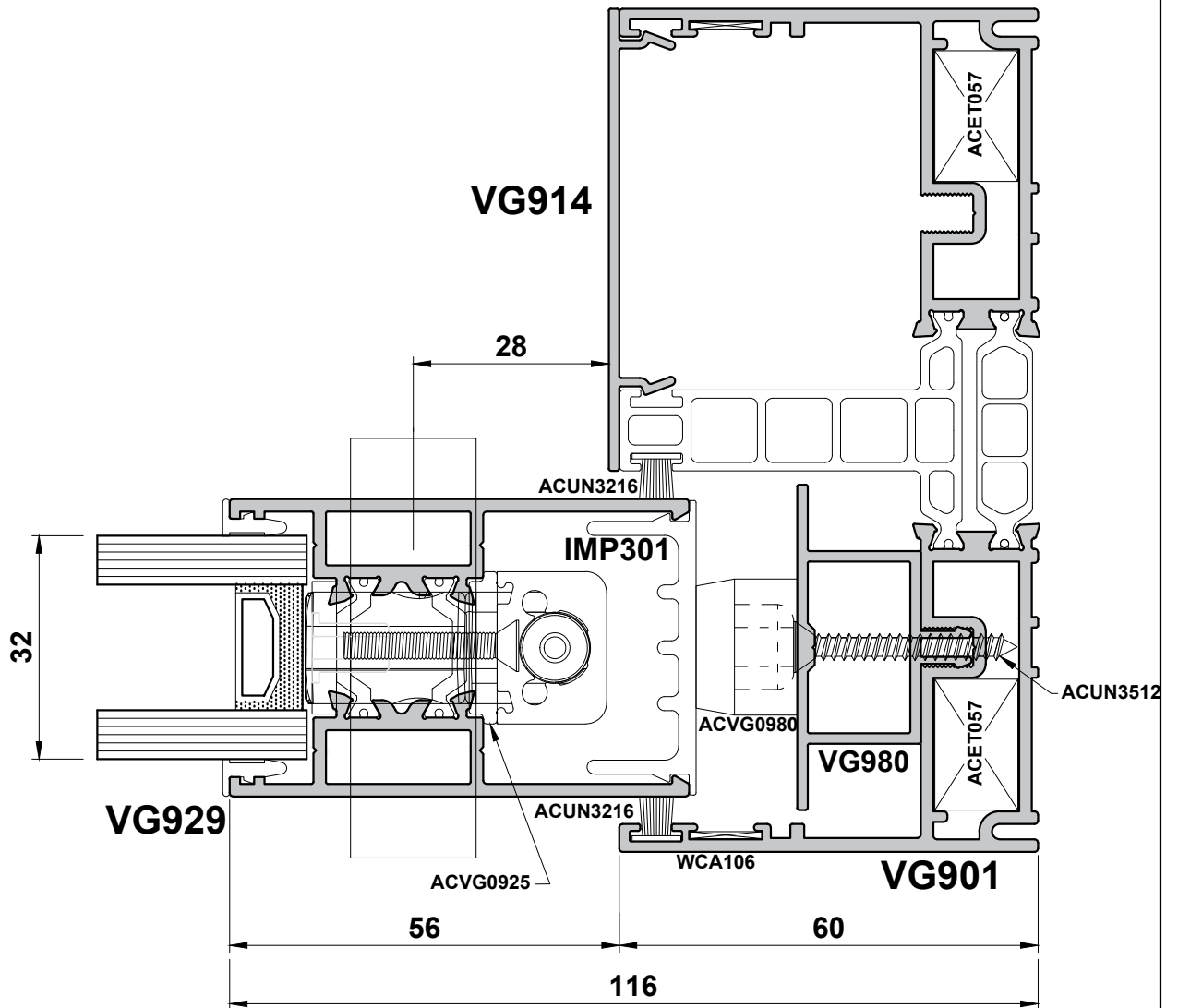
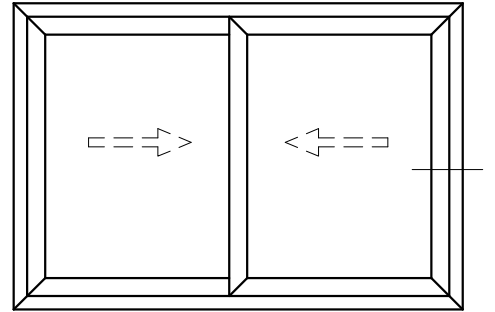
Do Not Scale From This Drawing

Detail 4B



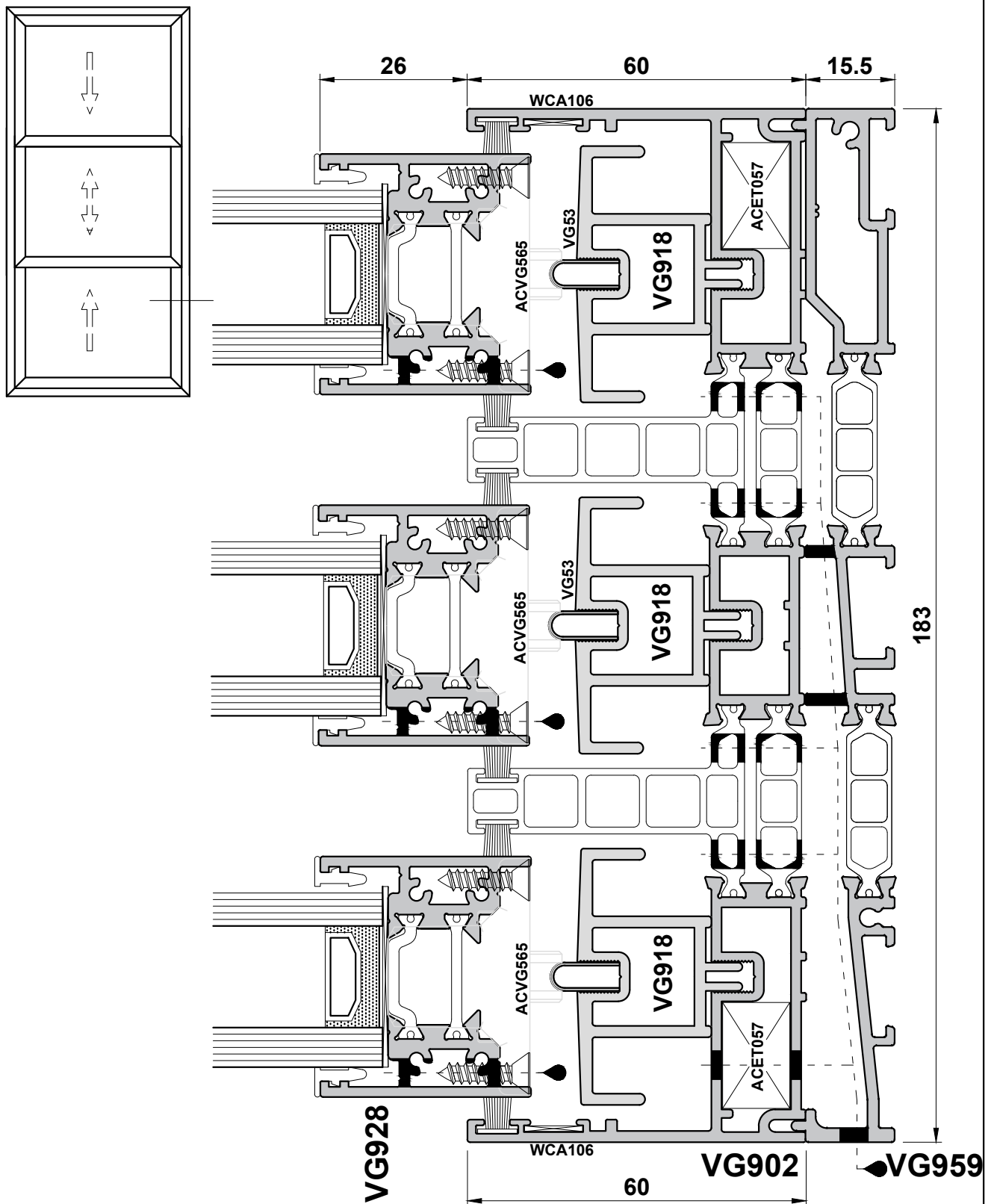
Do Not Scale From This Drawing

Detail 5



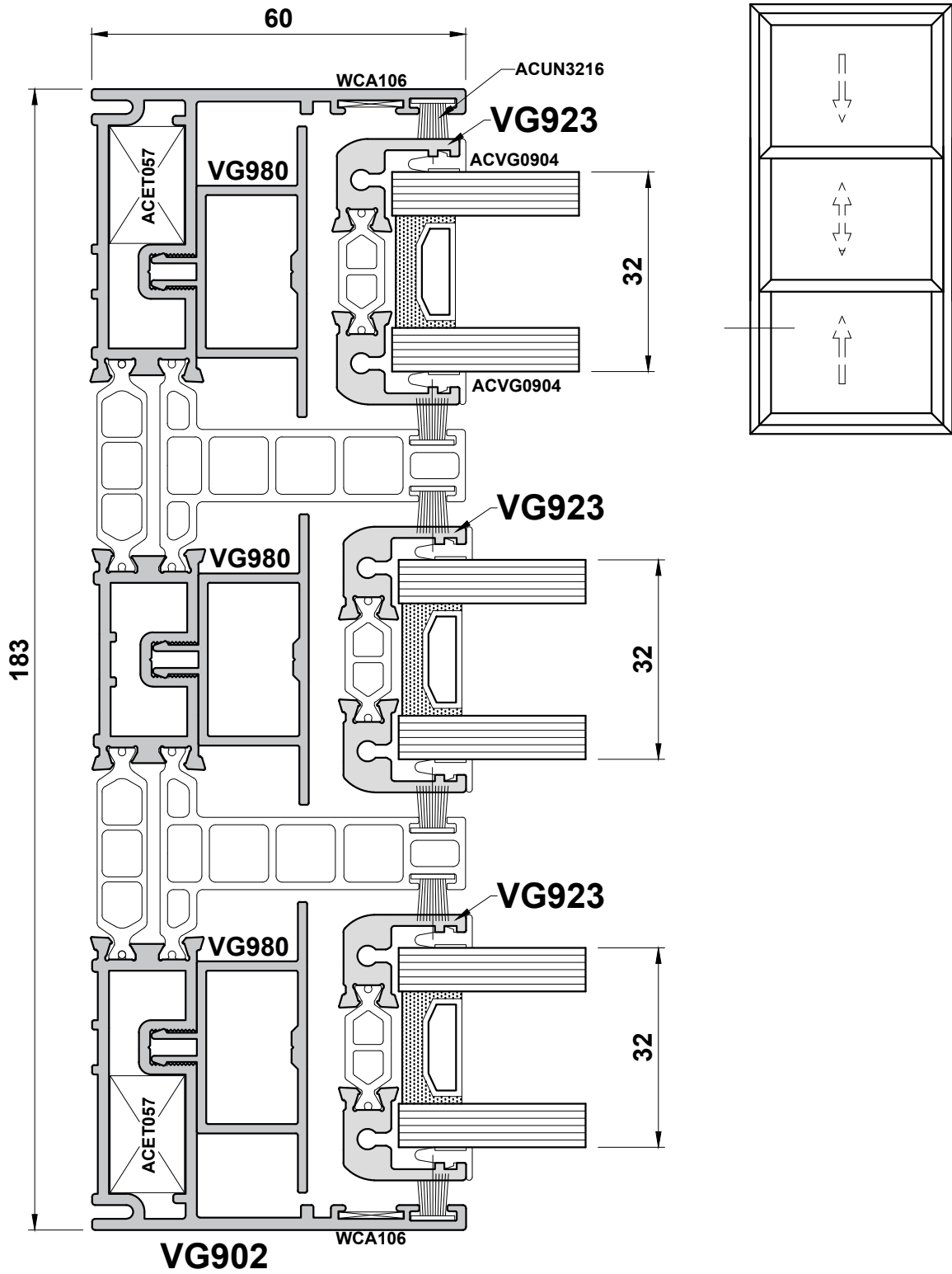
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Detail 6



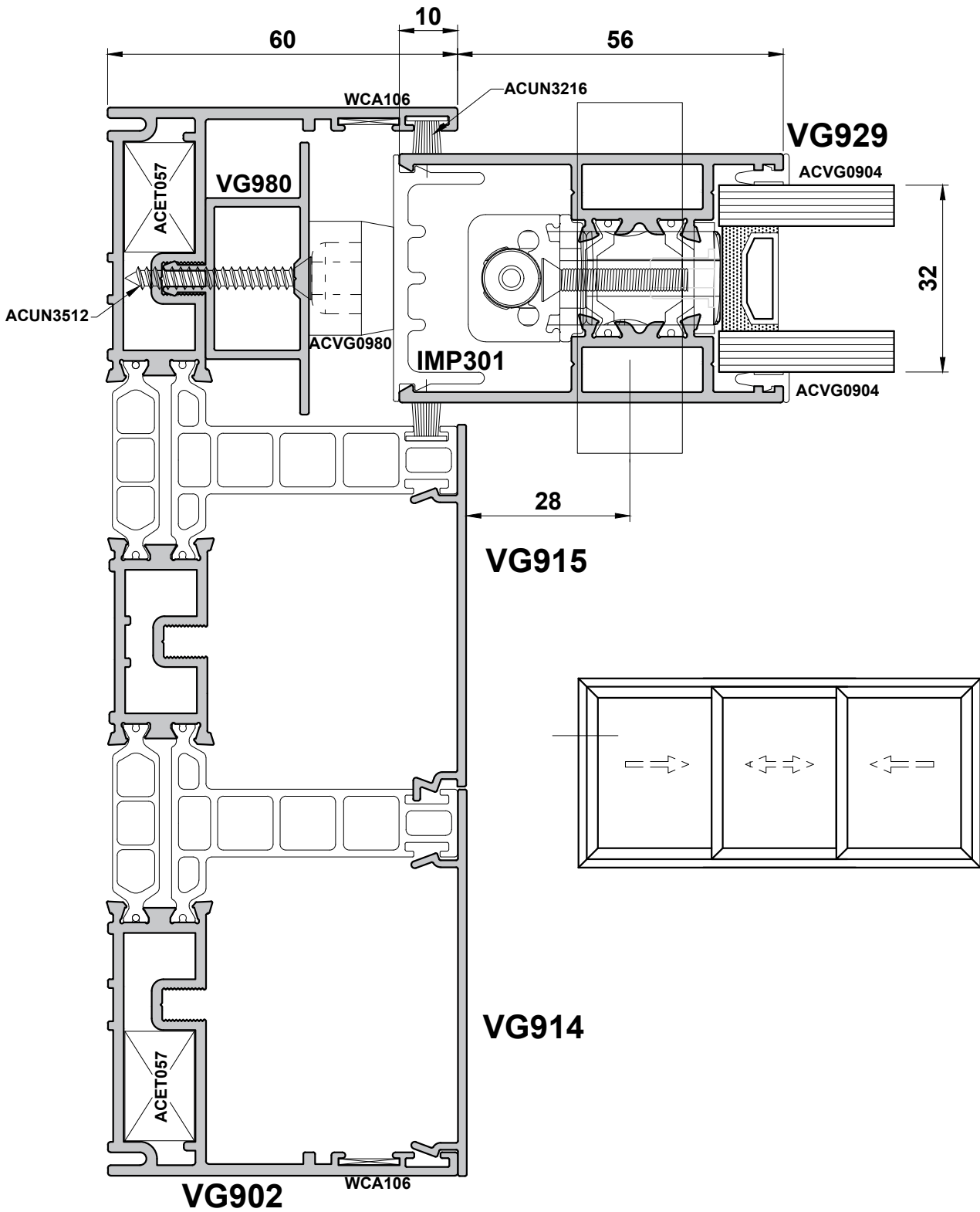
Do Not Scale From This Drawing

Detail 7A

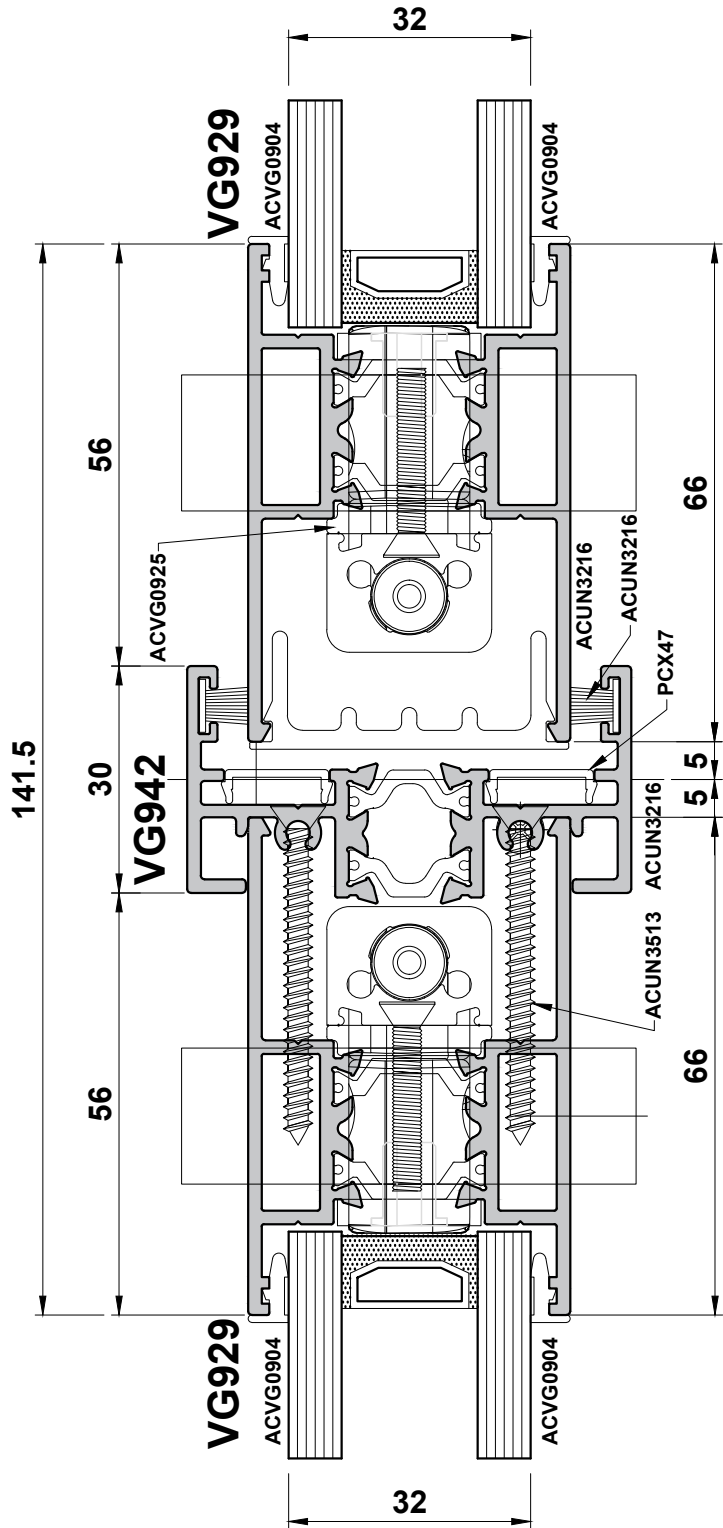
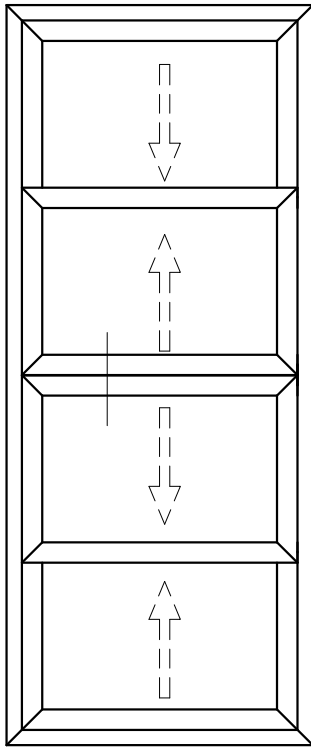


Do Not Scale From This Drawing

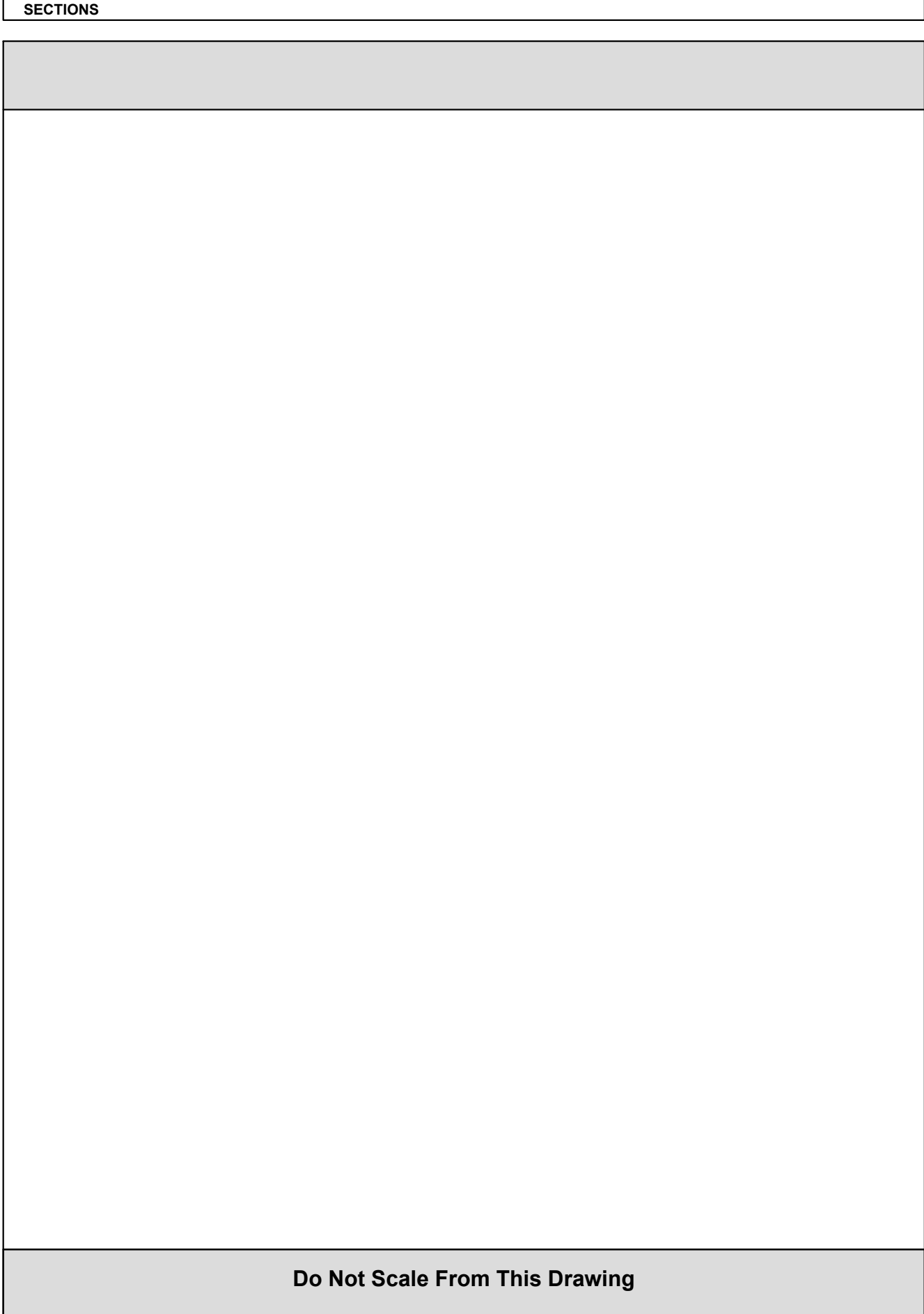
Detail 8



Detail 9



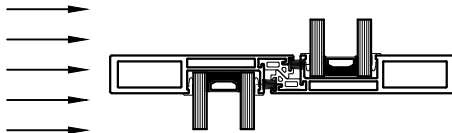
Do Not Scale From This Drawing



Do Not Scale From This Drawing

Section D

GENERAL INFORMATION - STATICS



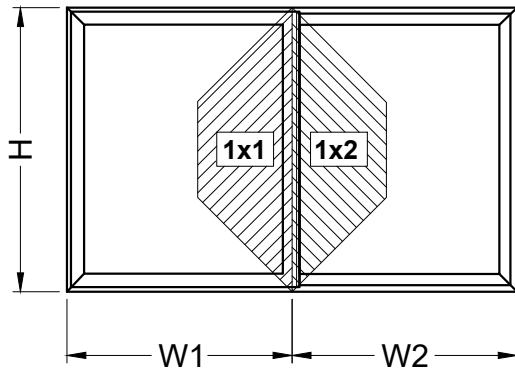
WIND



The position of the axes is an indication for the use and application of the moments of inertia (I_x and I_y) and the section modulus (W_x and W_y). We always choose the values of the axis perpendicular to the load to resist it.

- To resist the wind loads we use the values I_x and W_x .

EXAMPLE



$H = 250\text{cm}$

$W1 = 100\text{cm}$

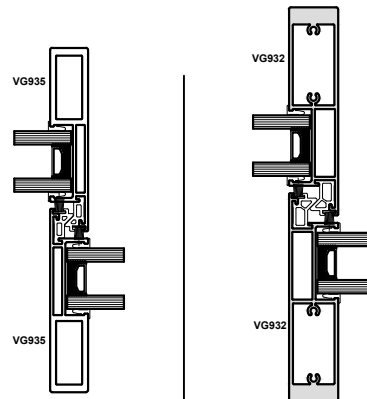
$W2 = 100\text{cm}$

$P = 1000\text{ Pa}$ (wind pressure)

- 1) Determine I_{xx} value for the interlock and meeting stile (if required) using the Specification Wizard

$I_{xx} = 58.1\text{ cm}^4$

- 2) Determine profile combinations

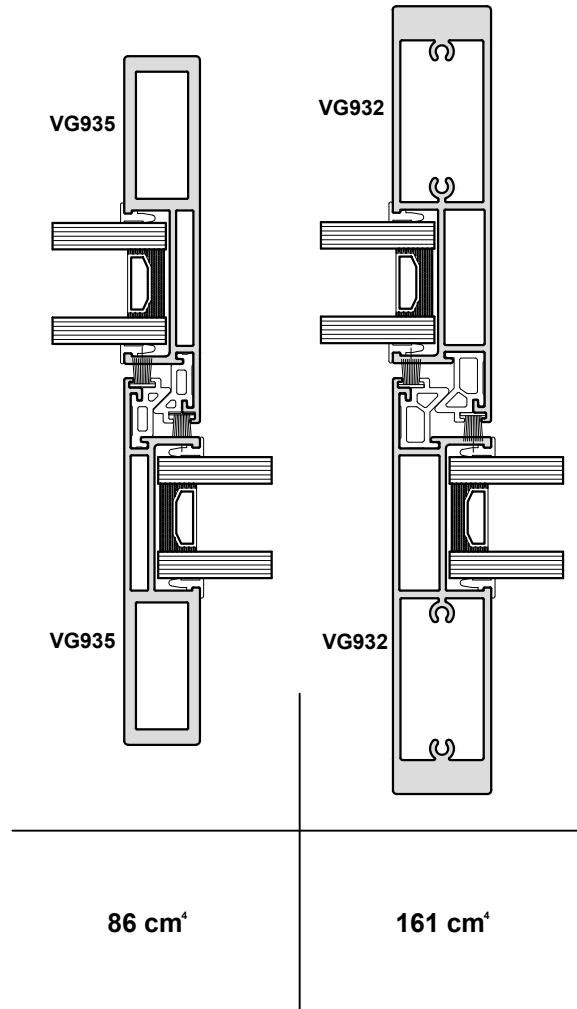
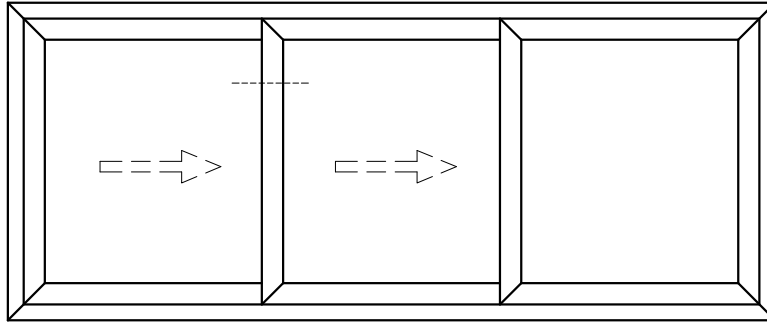


OK

86 cm^4

161 cm^4

PROFILE COMBINATIONS - IX-SLIM INTERLOCKS : STATICS



*** Important Note:**

For exposed locations, please contact the Technical Department at Smart Systems Ltd Tel: 01934 876100

Section E



Construction Drawings

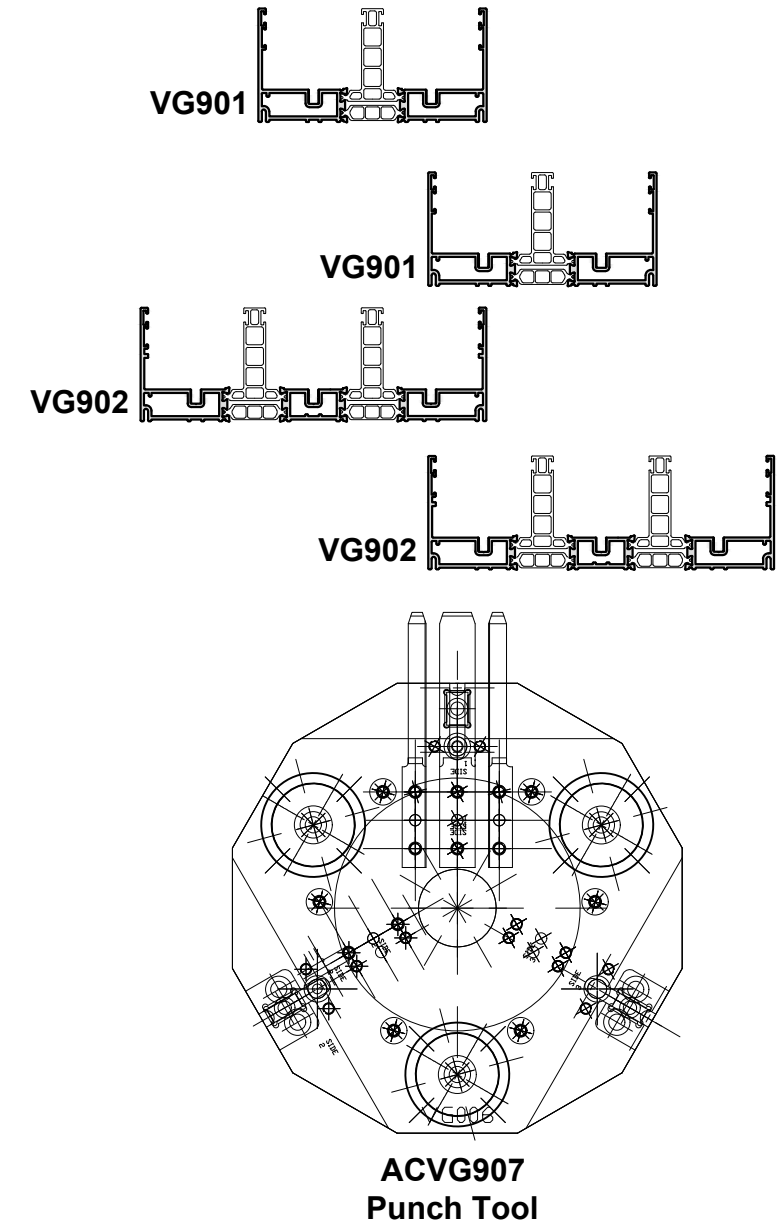
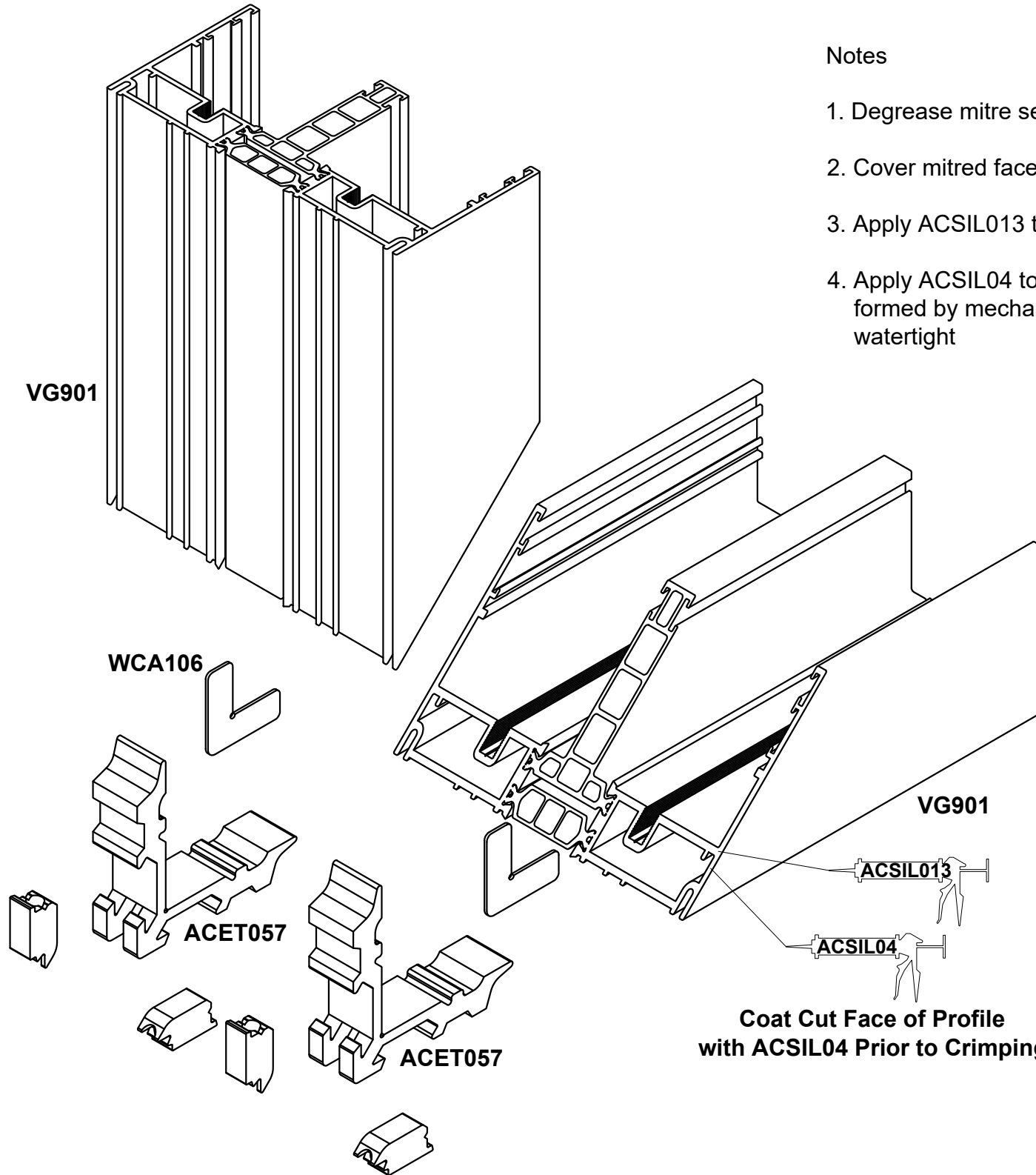
Corner Joint Details.....	E03
Drainage.....	E04 - E05
ACVG565 Roller Details.....	E06
VG929 Assembly.....	E07
VG932 & VG935 Interlock Machining.....	E08 - E09
Sash Bonding.....	E10
BT Lock Assembly.....	E11 - E12
Four Pane Meeting Stile Details.....	E13
ACVG0980 Location.....	E14
ACUN348 Fitting.....	E15
Example Threshold Detail.....	E16
VG914 Jamb Trim Detail.....	E17
Fixed Sash Detail.....	E18



Corner Joint Details

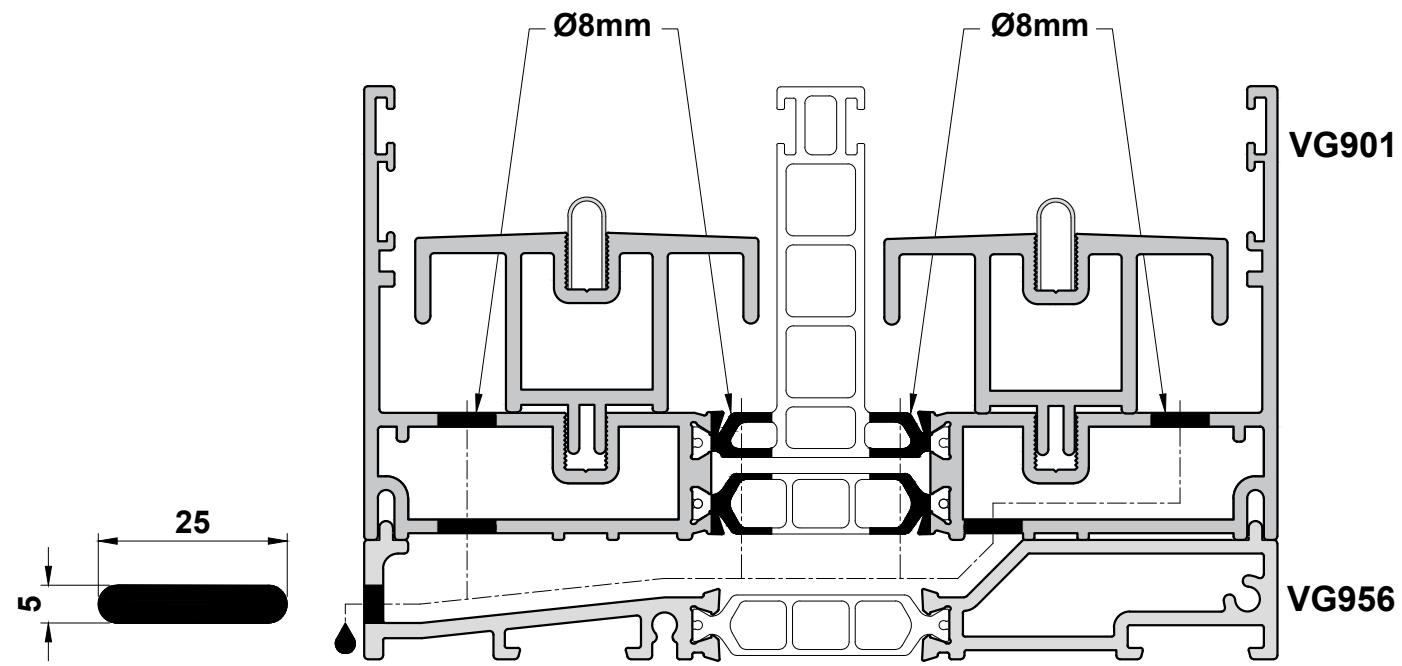
Notes

1. Degrease mitre sections
2. Cover mitred faces with ACSIL04
3. Apply ACSIL013 to cleat chambers
4. Apply ACSIL04 to any fractures formed by mechanical joint to make watertight

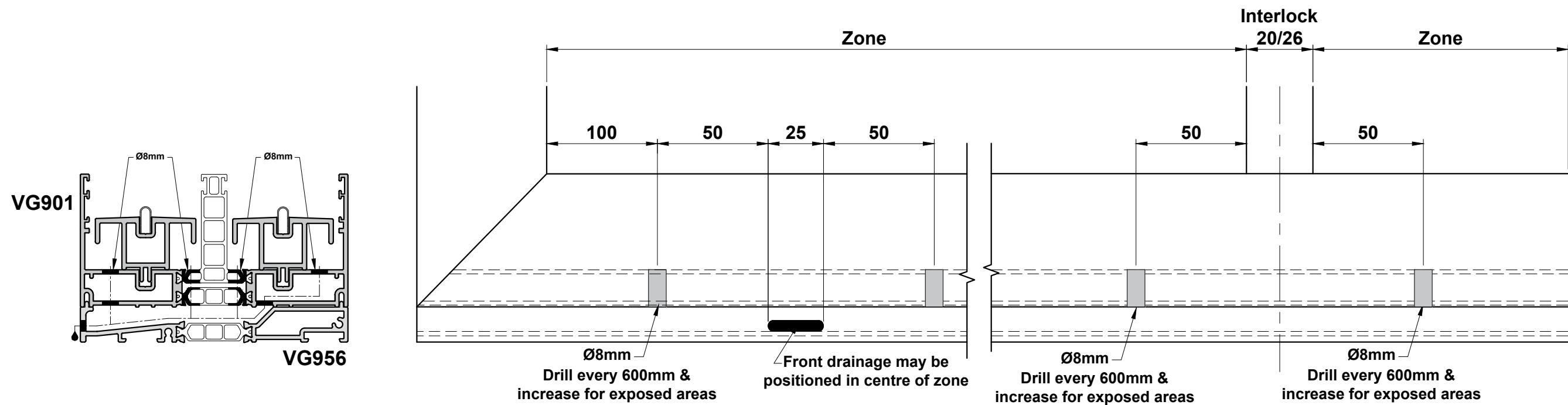
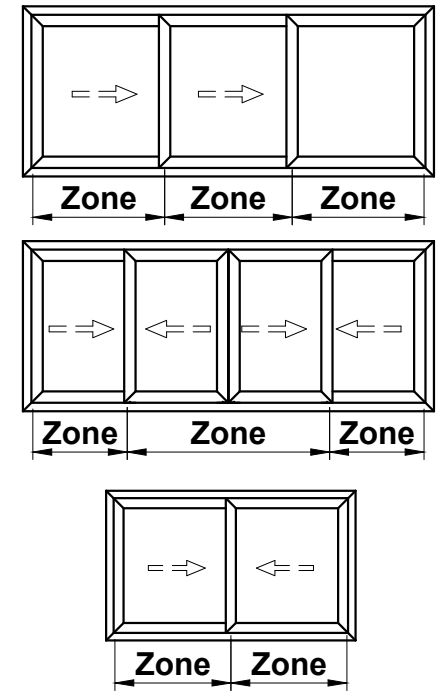


Do Not Scale From This Drawing

Drainage

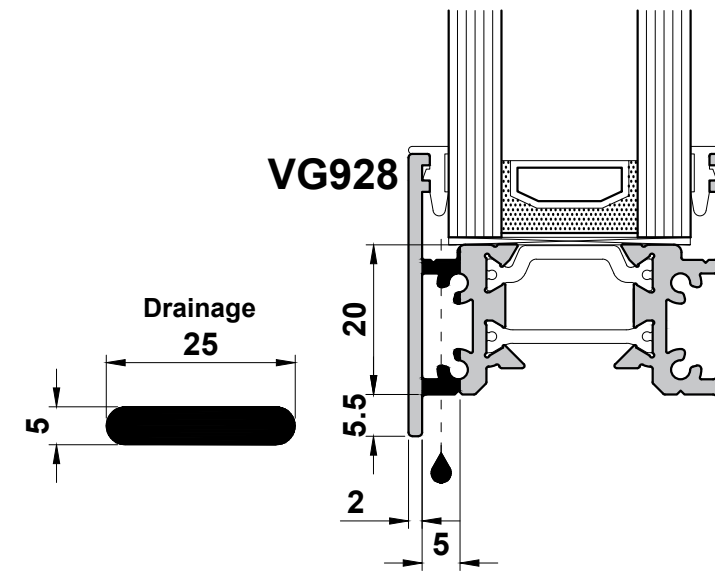
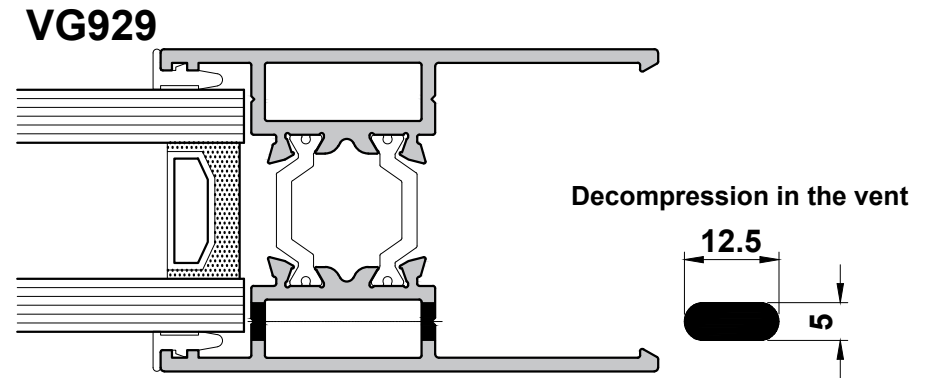
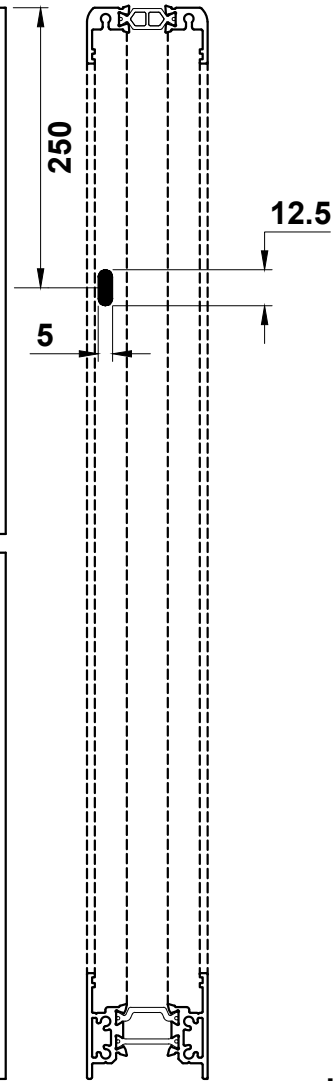
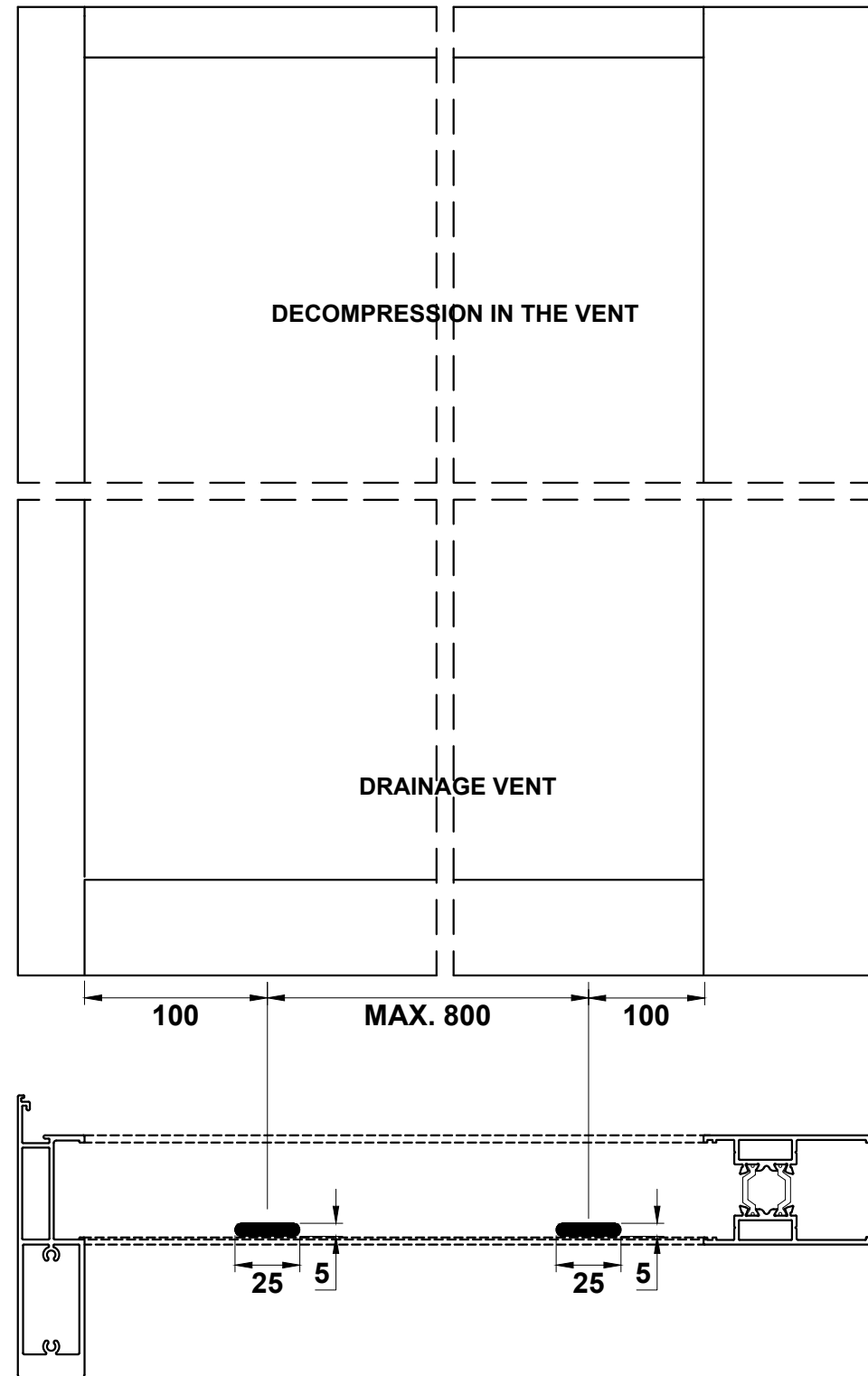


*After machining, all exposed aluminium should be coated using ACSIL014 or painted to match frame.
(Consider all following sheets where machining occurs)



Do Not Scale From This Drawing

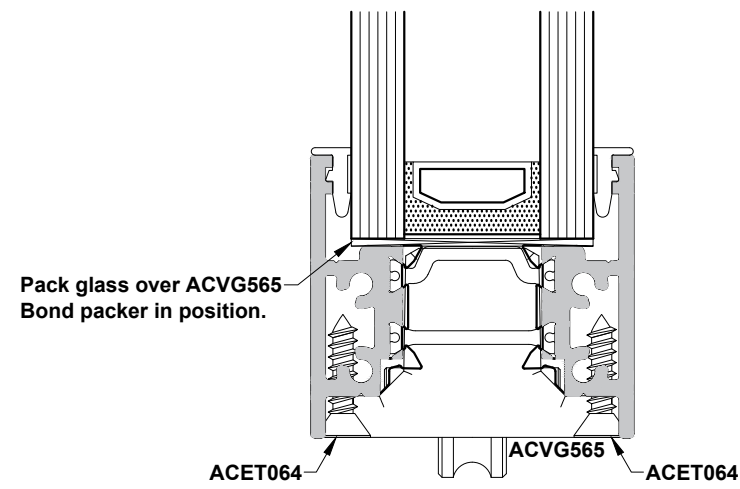
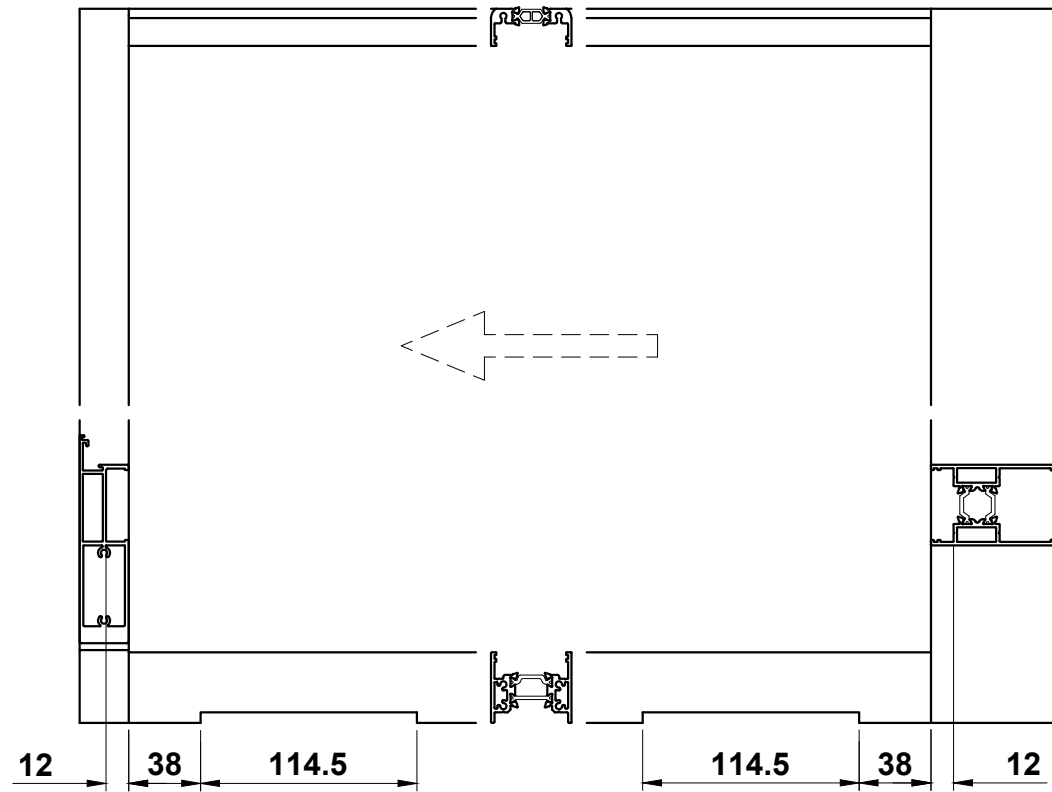
Vent Drainage & Decompression



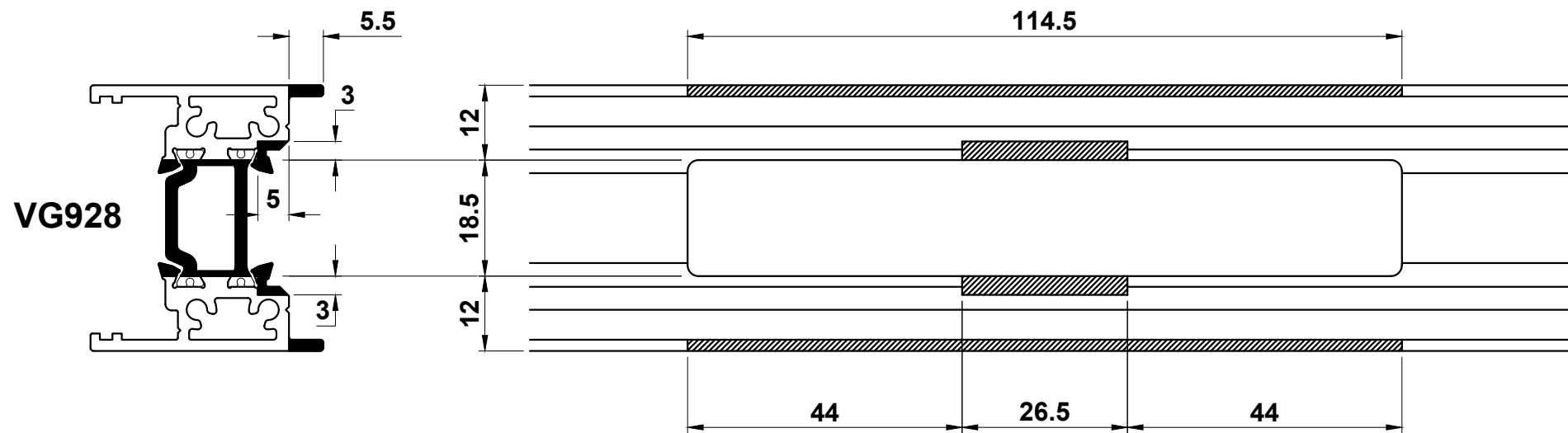
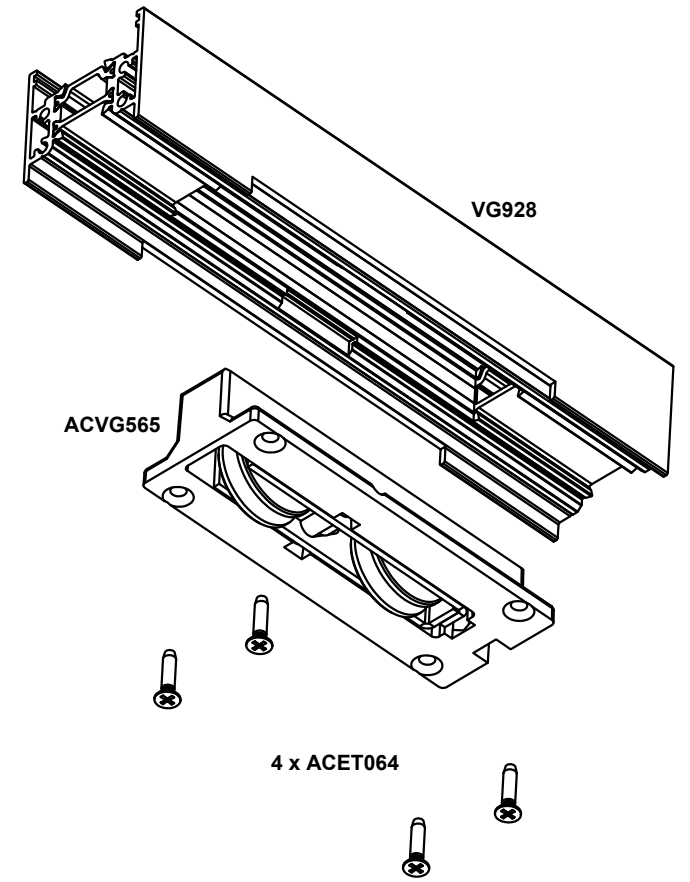
Do Not Scale From This Drawing

ACVG565 Details

ACVG565 Positions

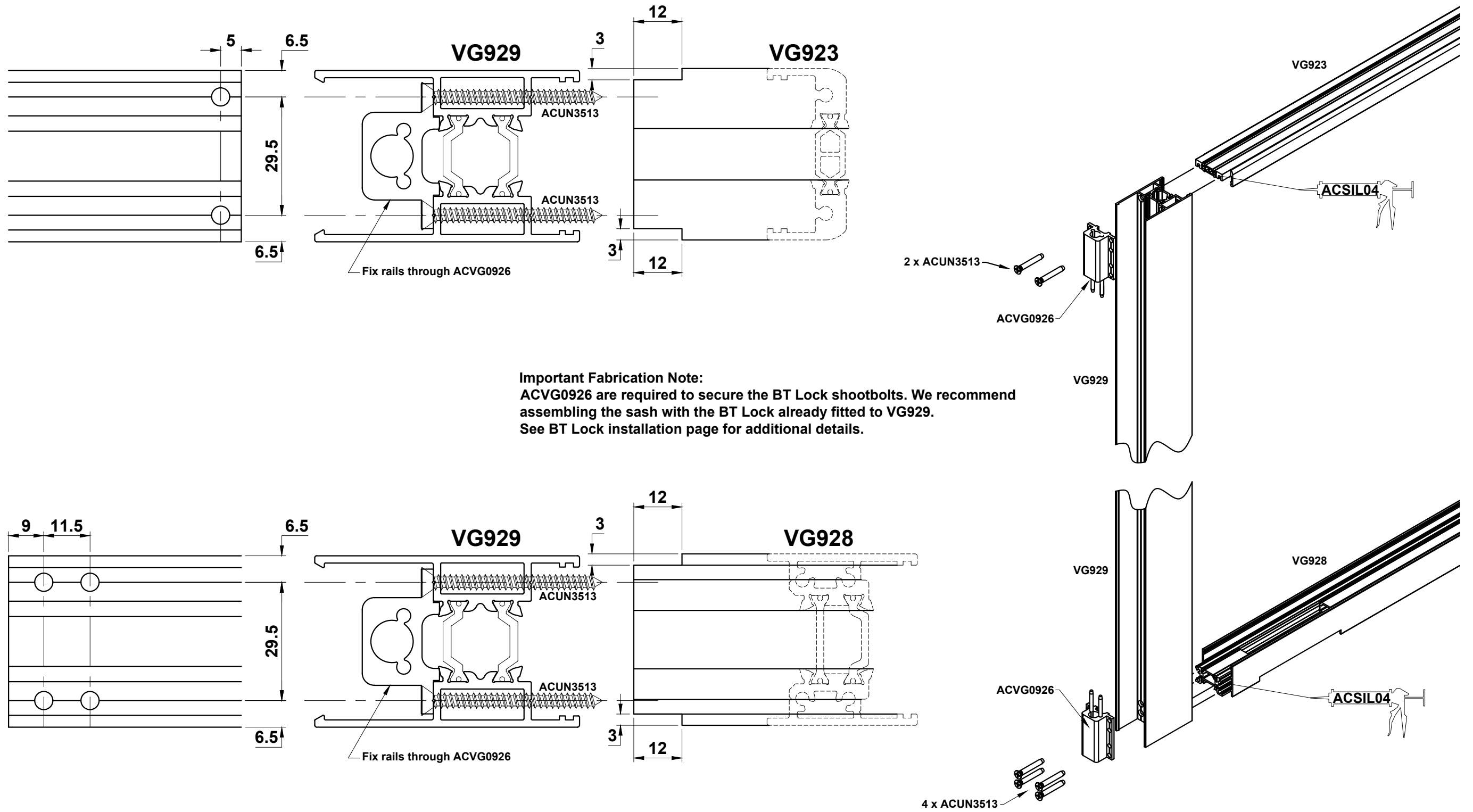


Max Sash Weight: 250kg



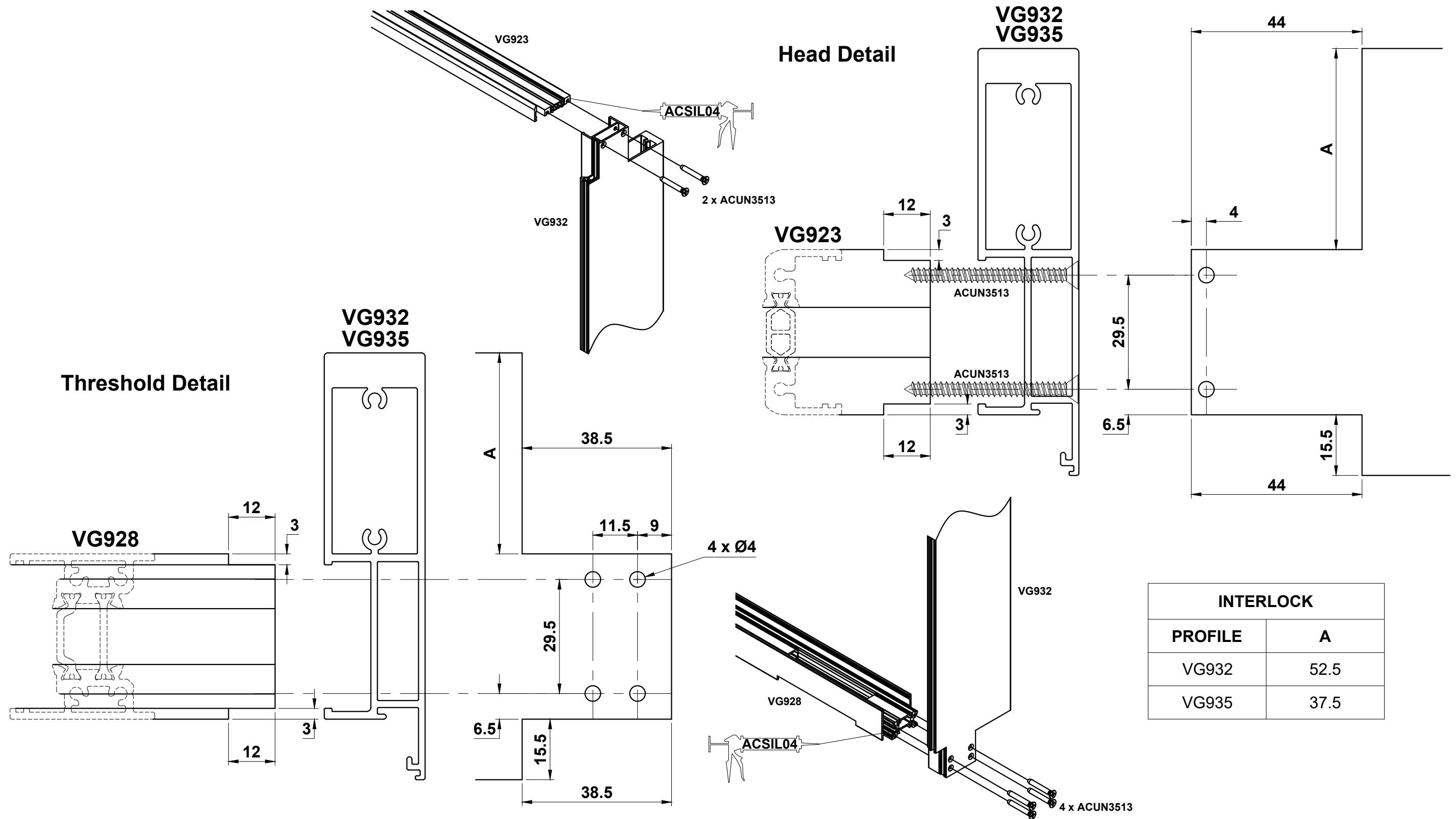
Do Not Scale From This Drawing

VG929 Assembly



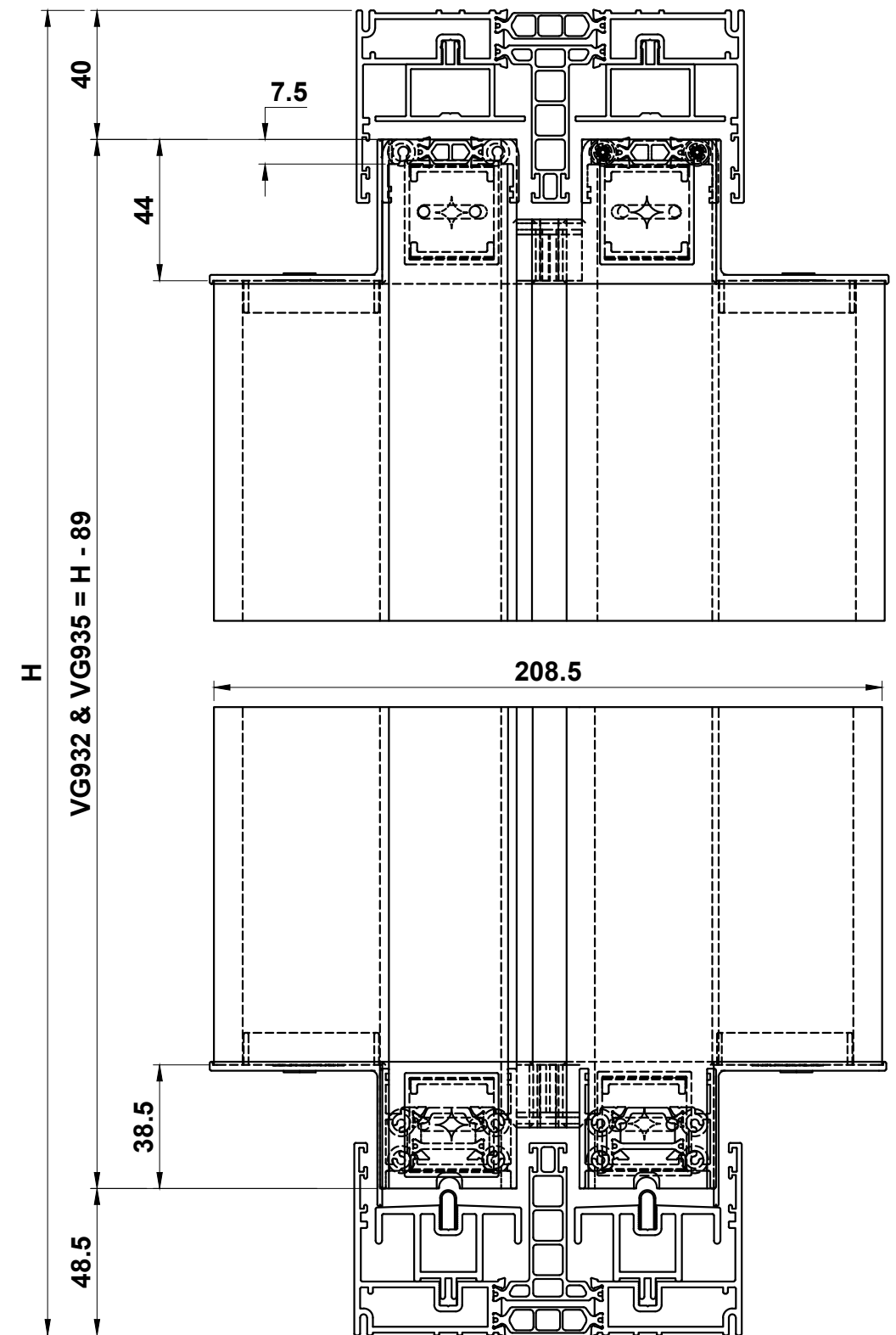
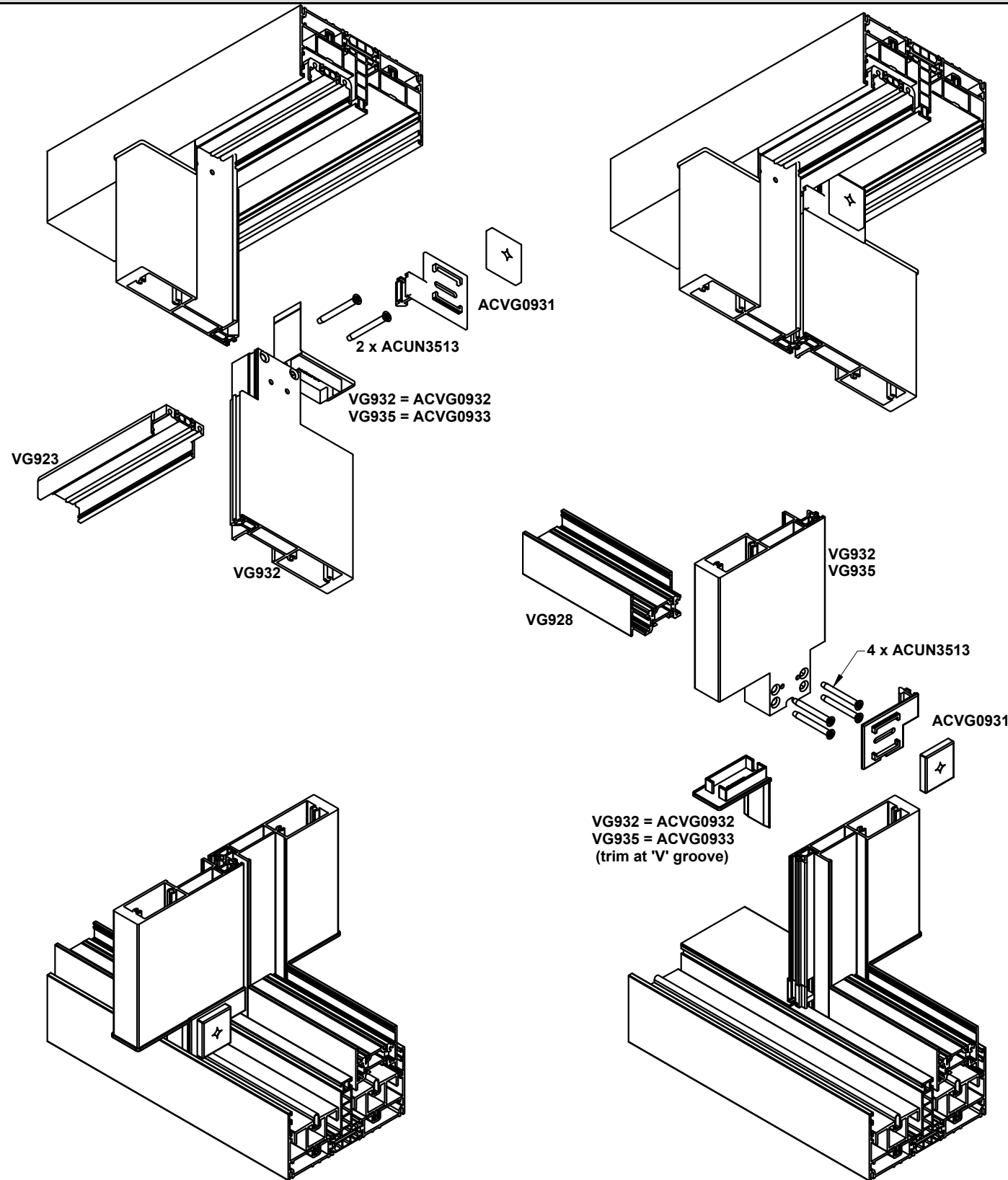
Do Not Scale From This Drawing

VG932 Interlock Machining

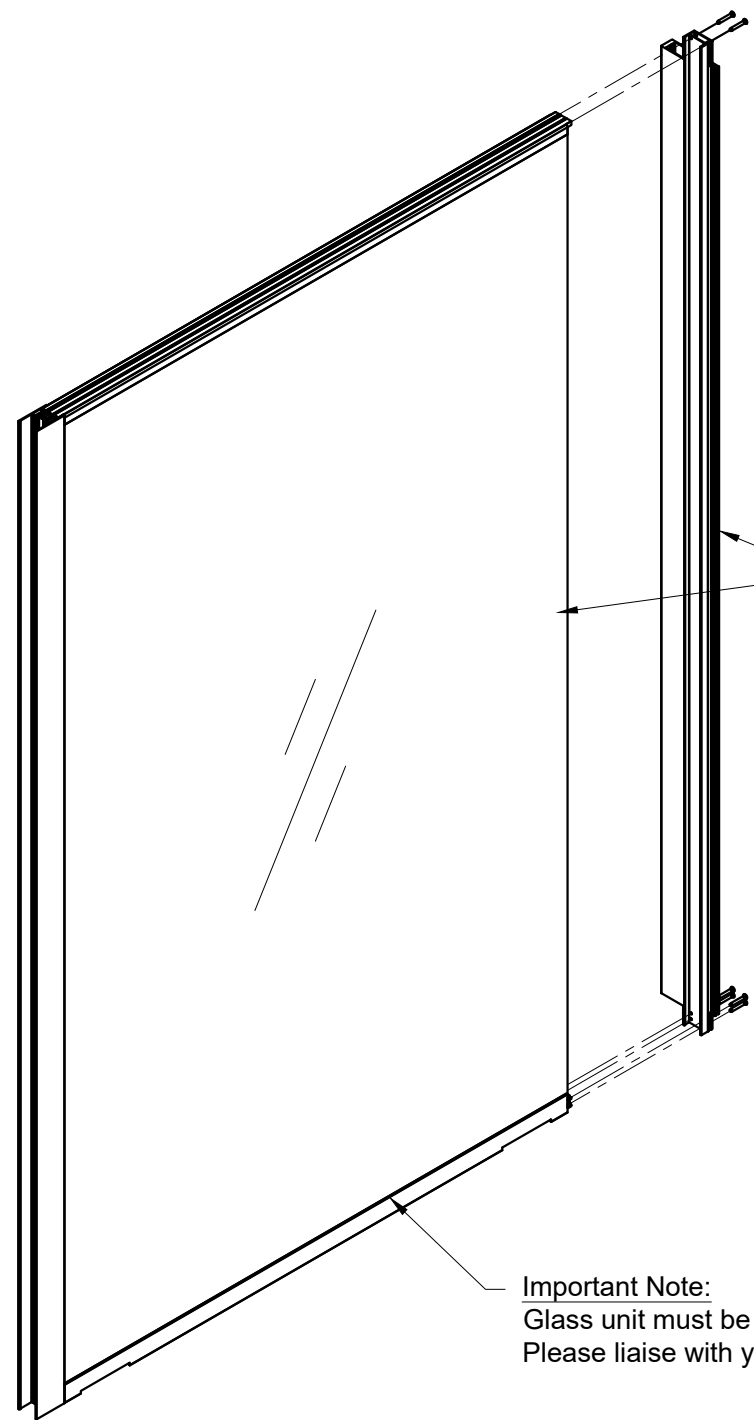


Do Not Scale From This Drawing

VG932 Interlock Assembly



Sash Bonding



ACUN3610 is a high quality single component adhesive that provides a strong bond between the Butyl sealed unit and frame.

We recommend glazing the sash in the workshop at least a day before installation so it can be allowed to set.

Preparation:

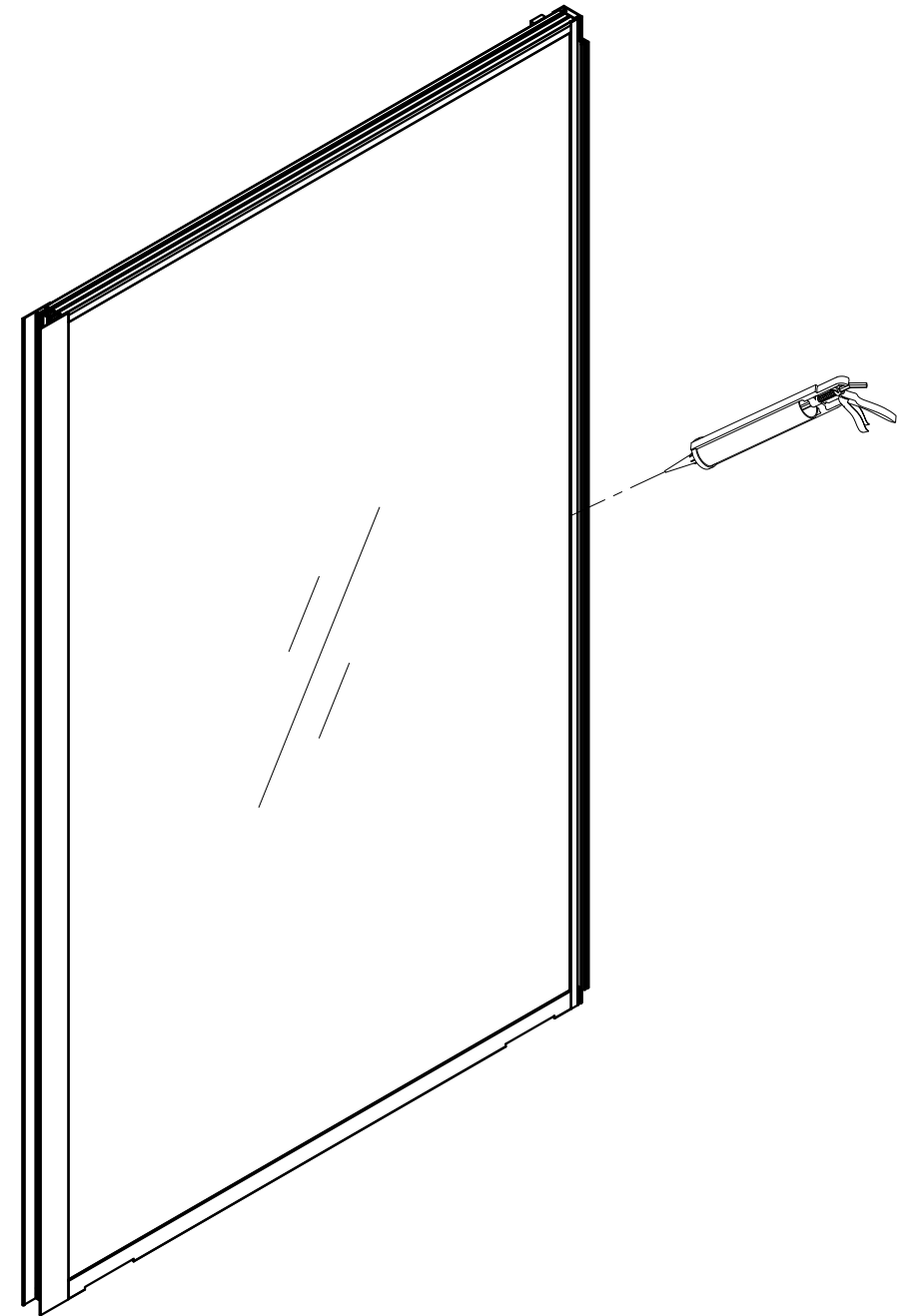
Assemble frame.

Ensure area of bonding is clean, dry and free from any dust or surface contamination.

Apply a small coating of ACUN3612 surface activator to the interlock glazing channel and the bond area of the glass only. Allow to dry, leaving a slight residue.
Take care not to apply ACUN3612 to any visible surfaces.

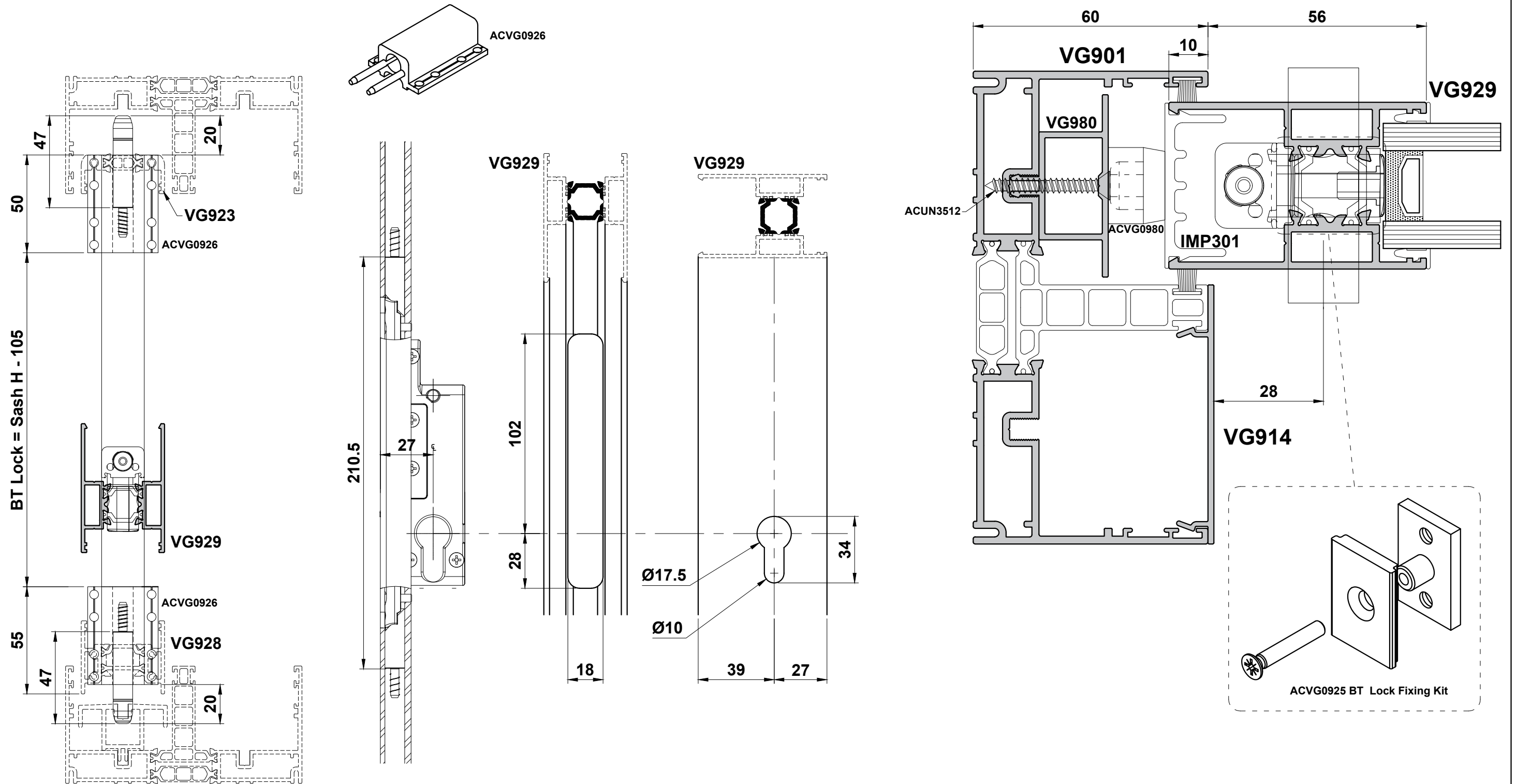
Important Note:

Glass unit must be sealed with Butyl & without tape.
Please liaise with your glass supplier regarding the application.



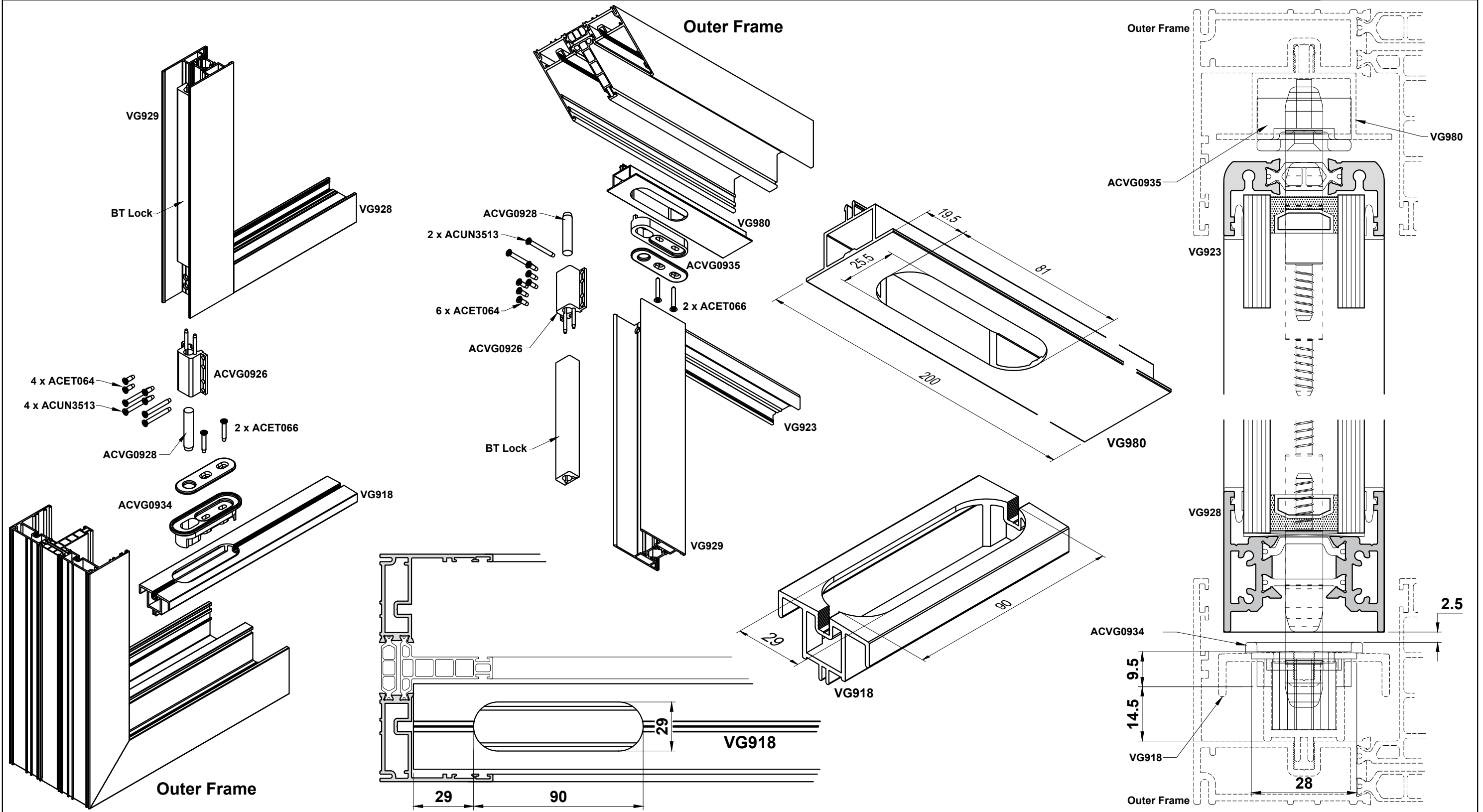
Do Not Scale From This Drawing

BT Lock Assembly



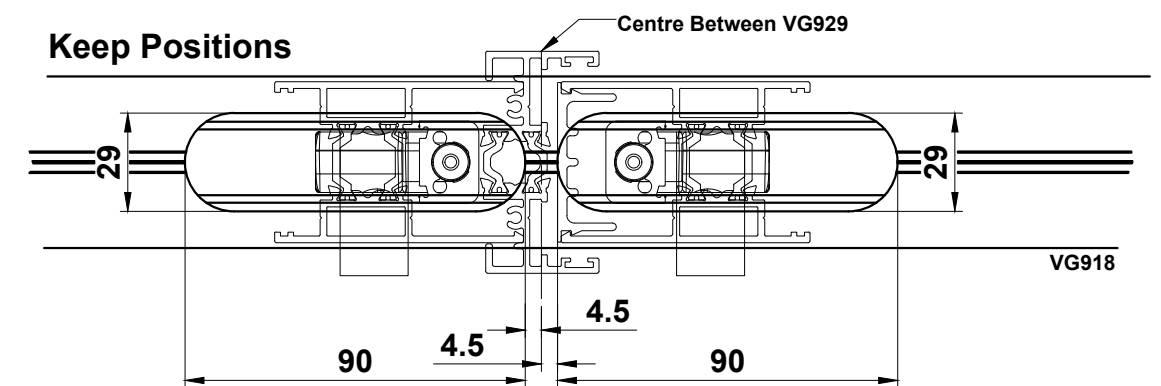
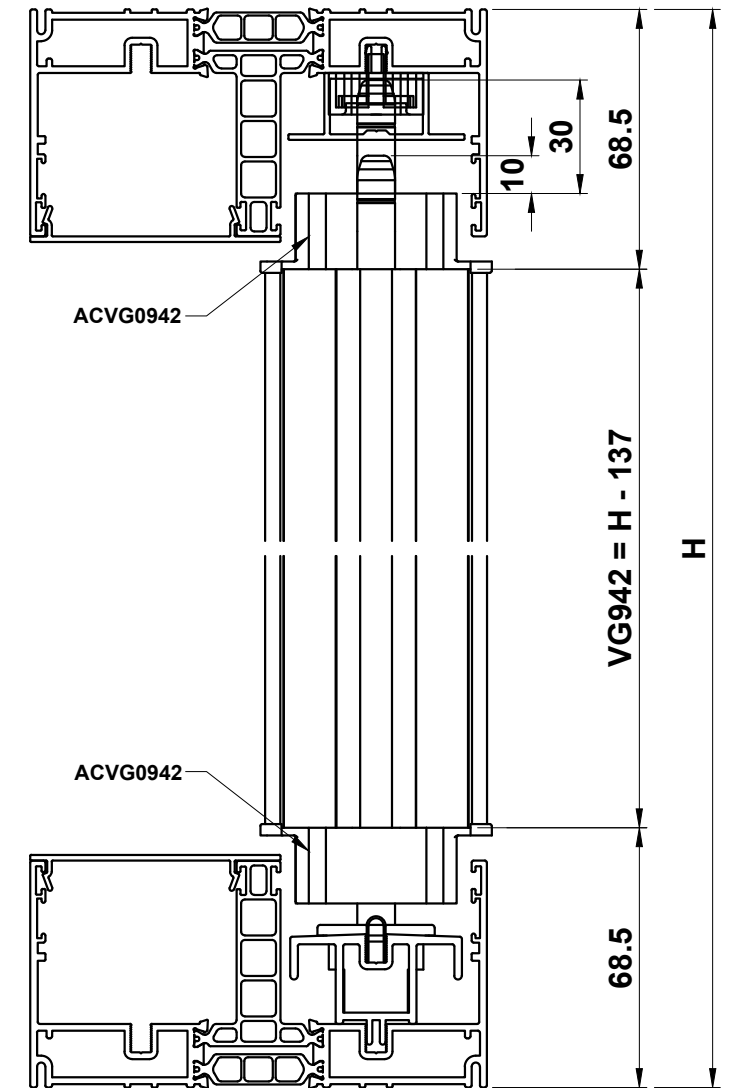
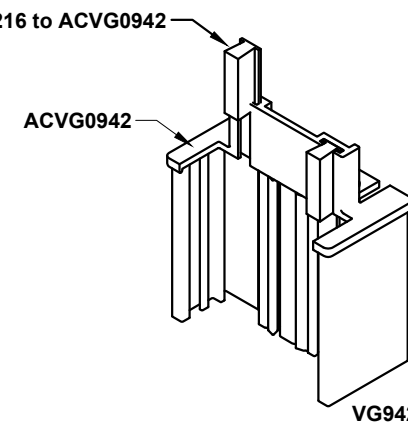
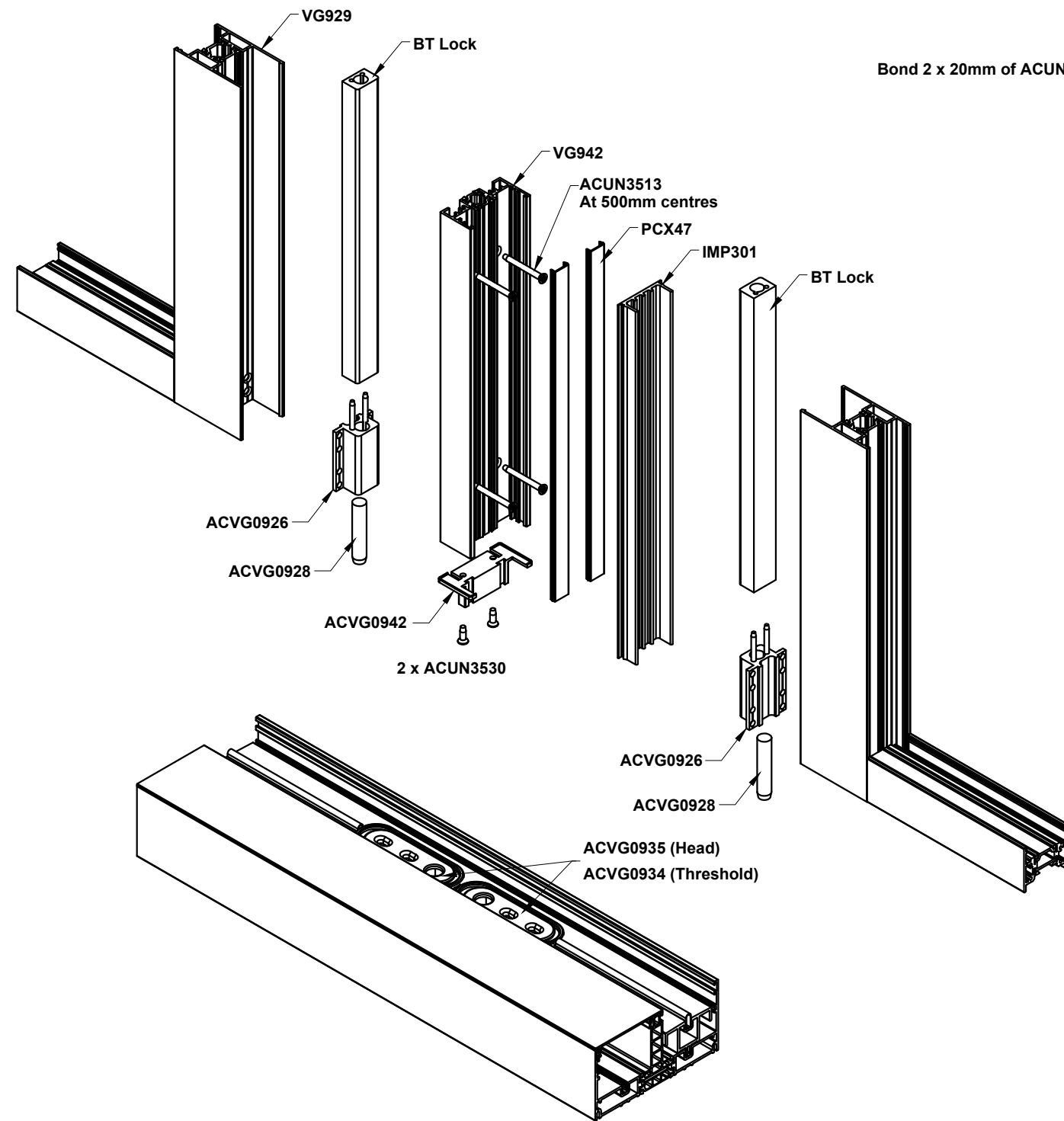
Do Not Scale From This Drawing

BT Lock Installation



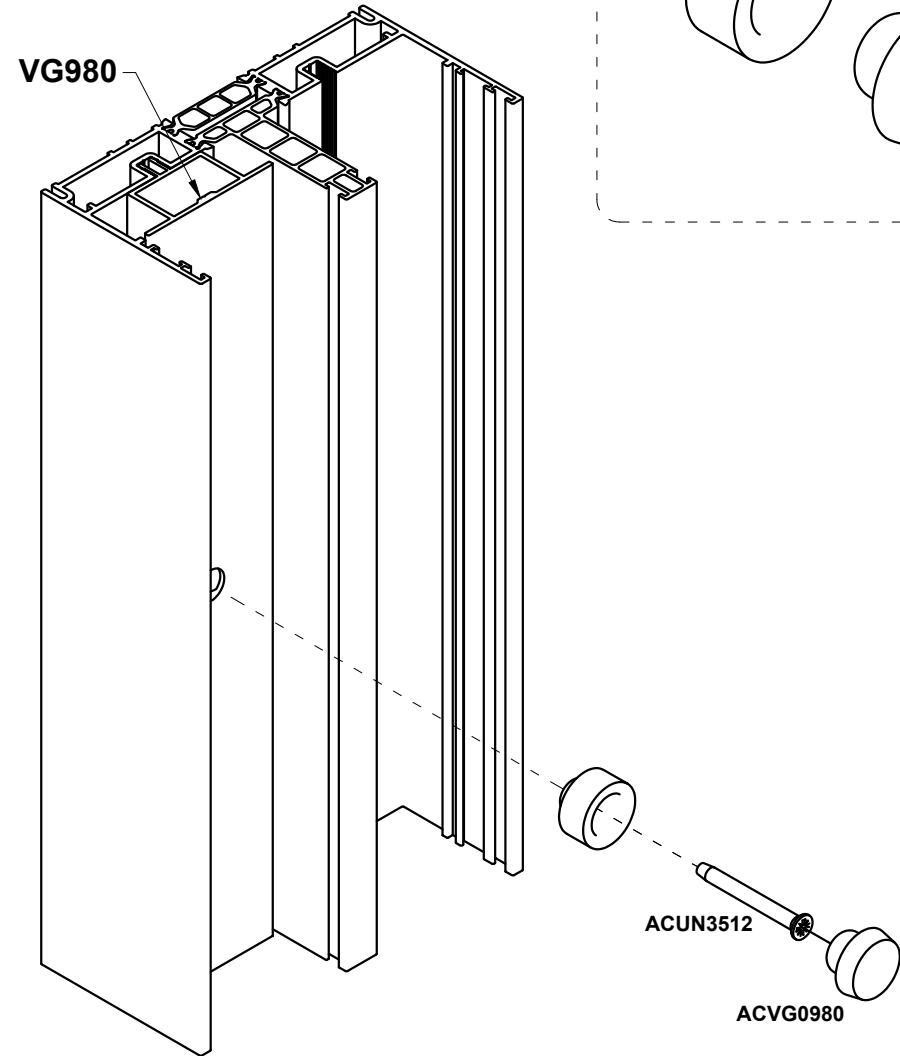
Do Not Scale From This Drawing

Meeting Stile Details

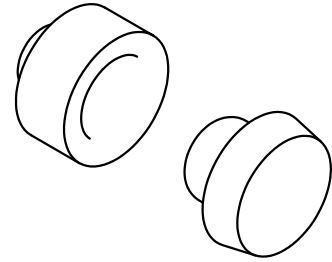


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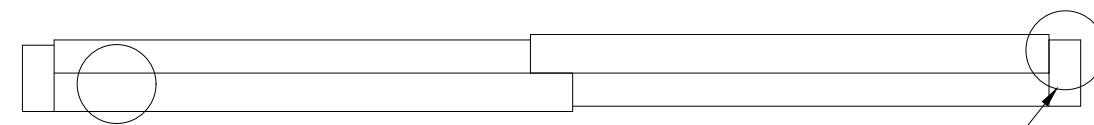
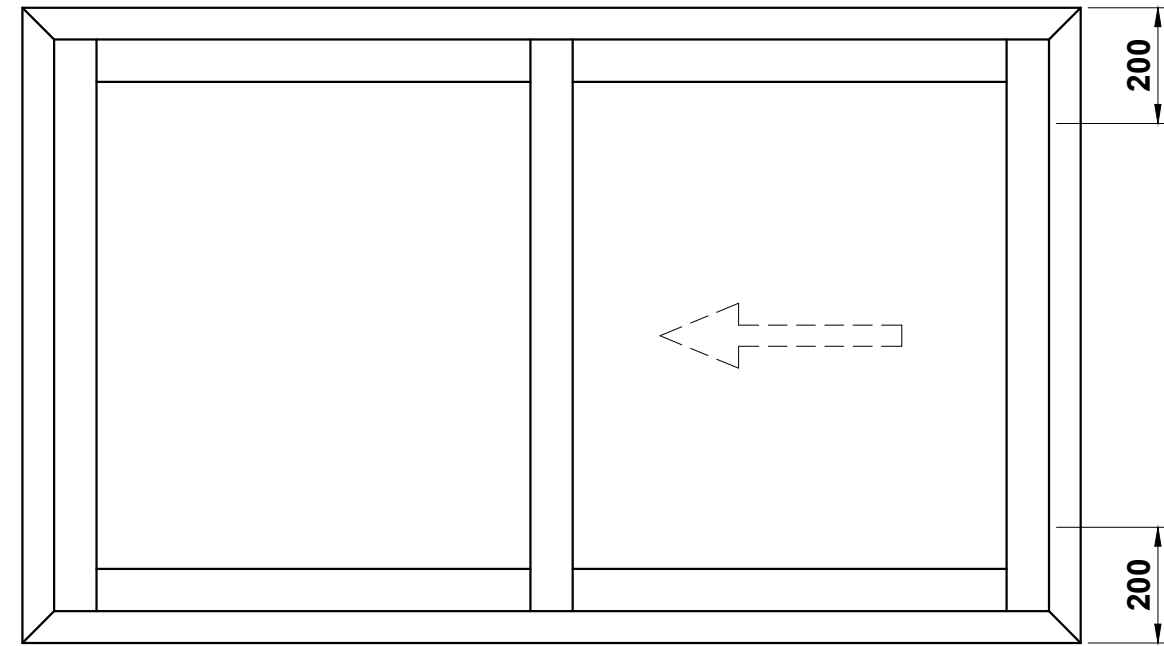
ACVG0980 Location



ACVG0980 BT Lock Fixing Kit



ACVG0980 Location



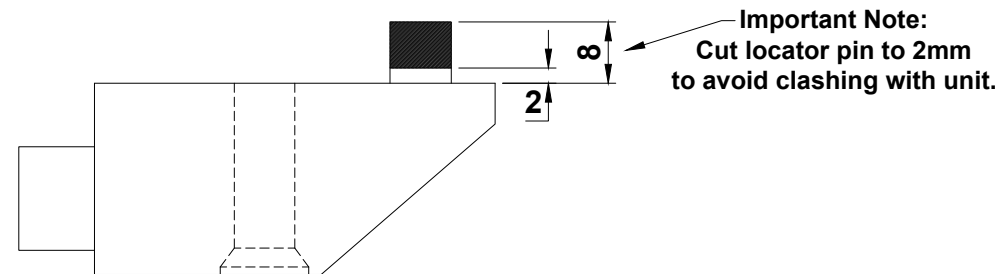
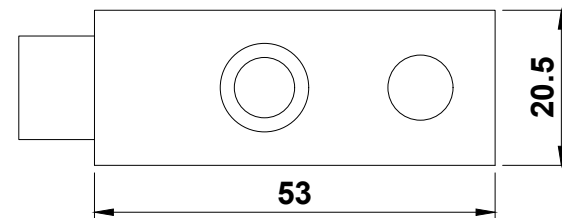
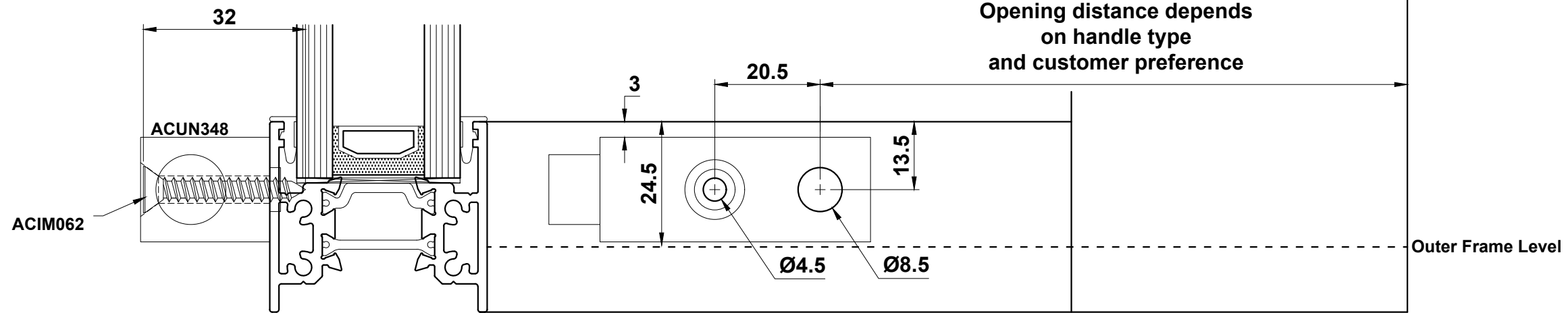
ACVG0980

Do Not Scale From This Drawing

ACUN348 Fitting

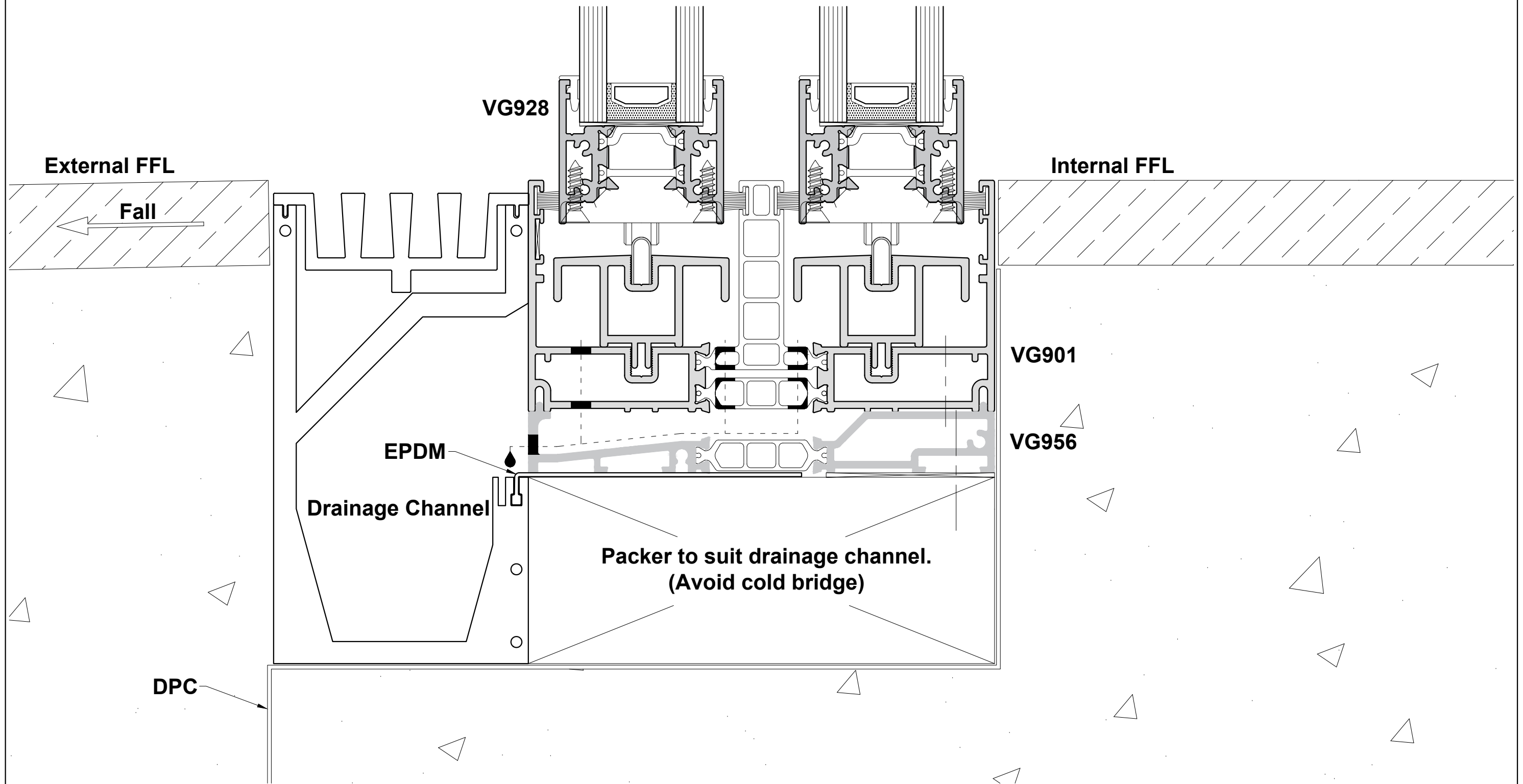
Important Note:
Drill and fix ACUN348
before glazing to avoid
breaking the unit.

Opening distance depends
on handle type
and customer preference



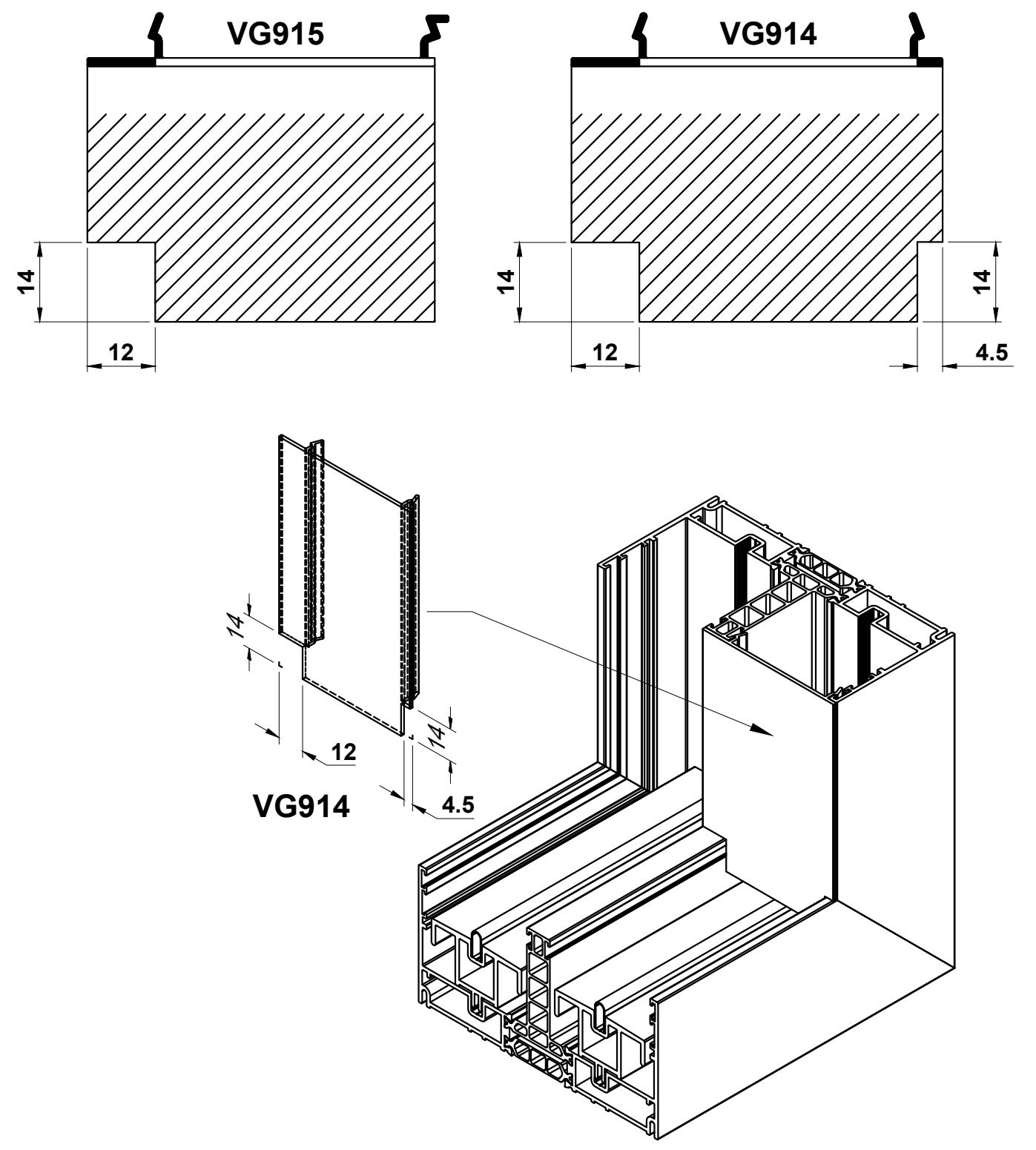
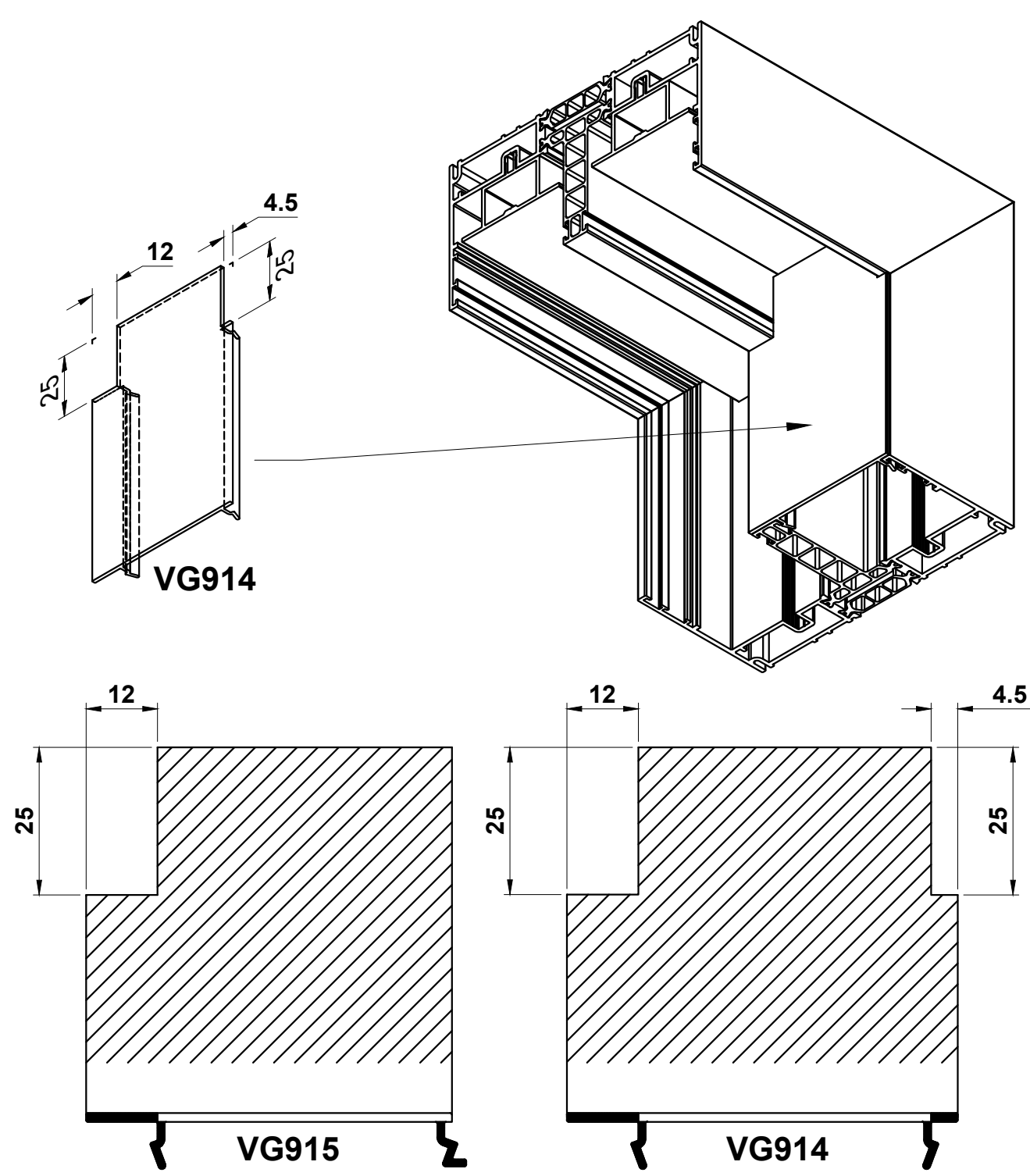
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Example Threshold Detail



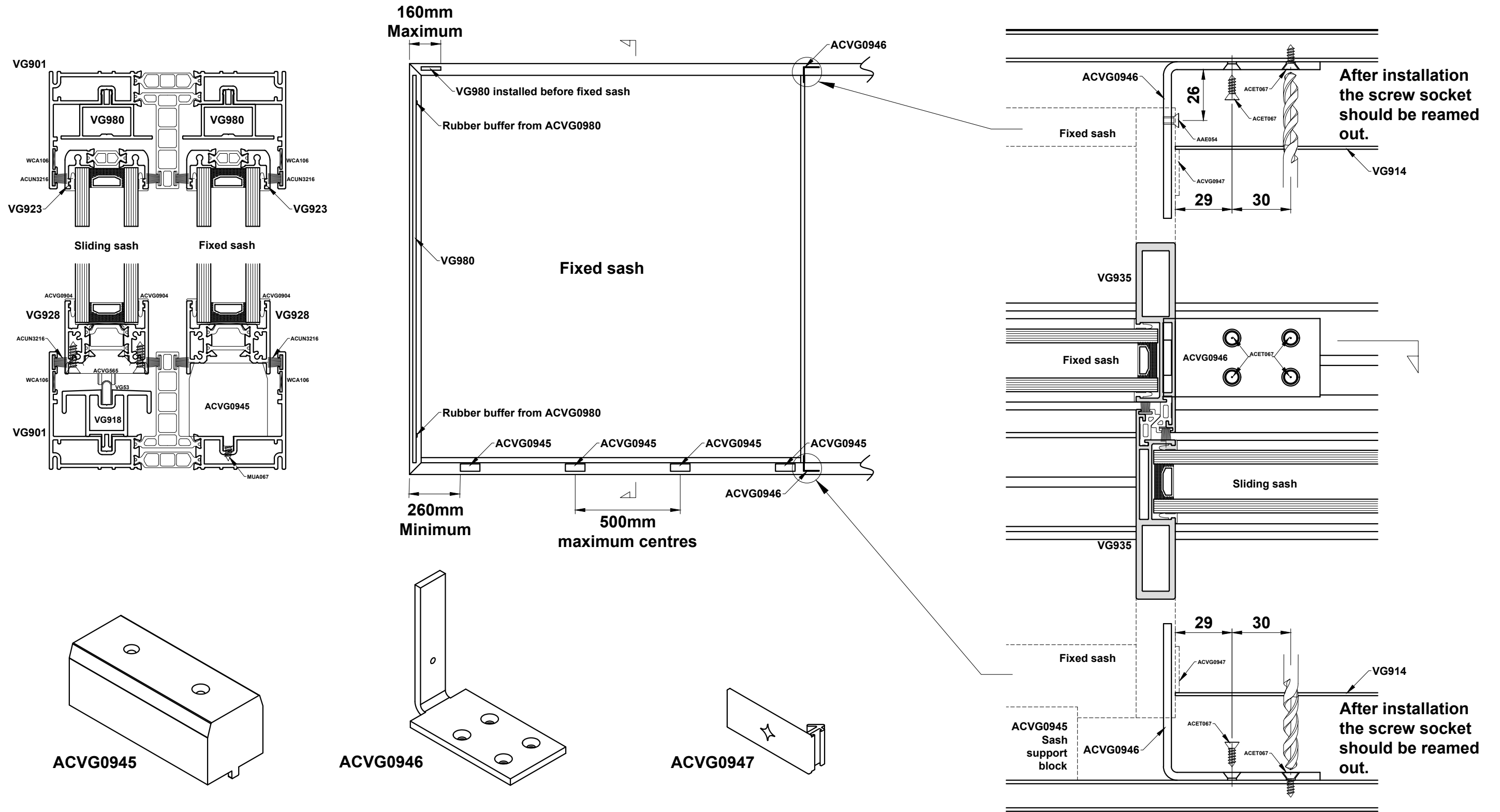
Do Not Scale From This Drawing

VG914 Jamb Trim Detail



Do Not Scale From This Drawing

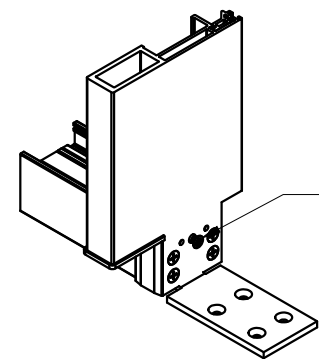
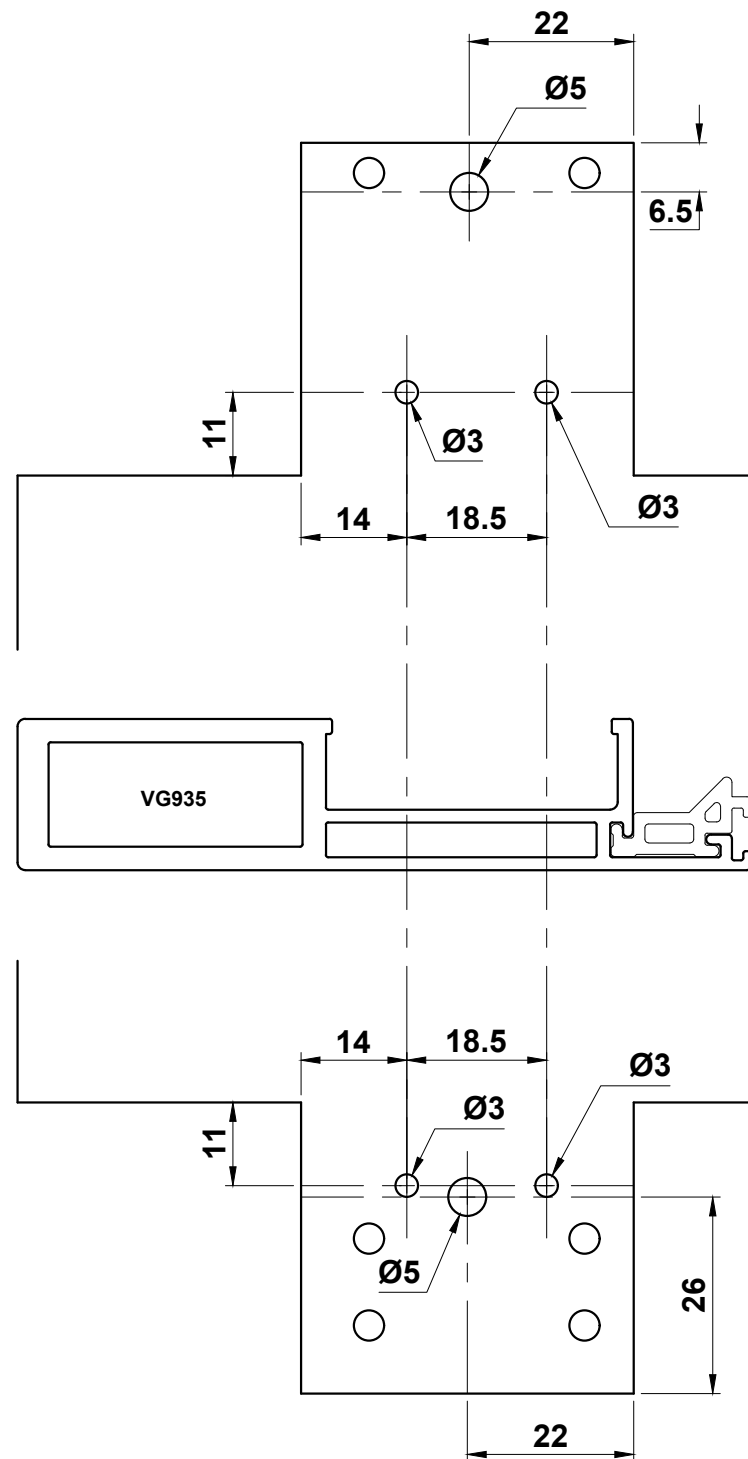
Fixed Sash Detail



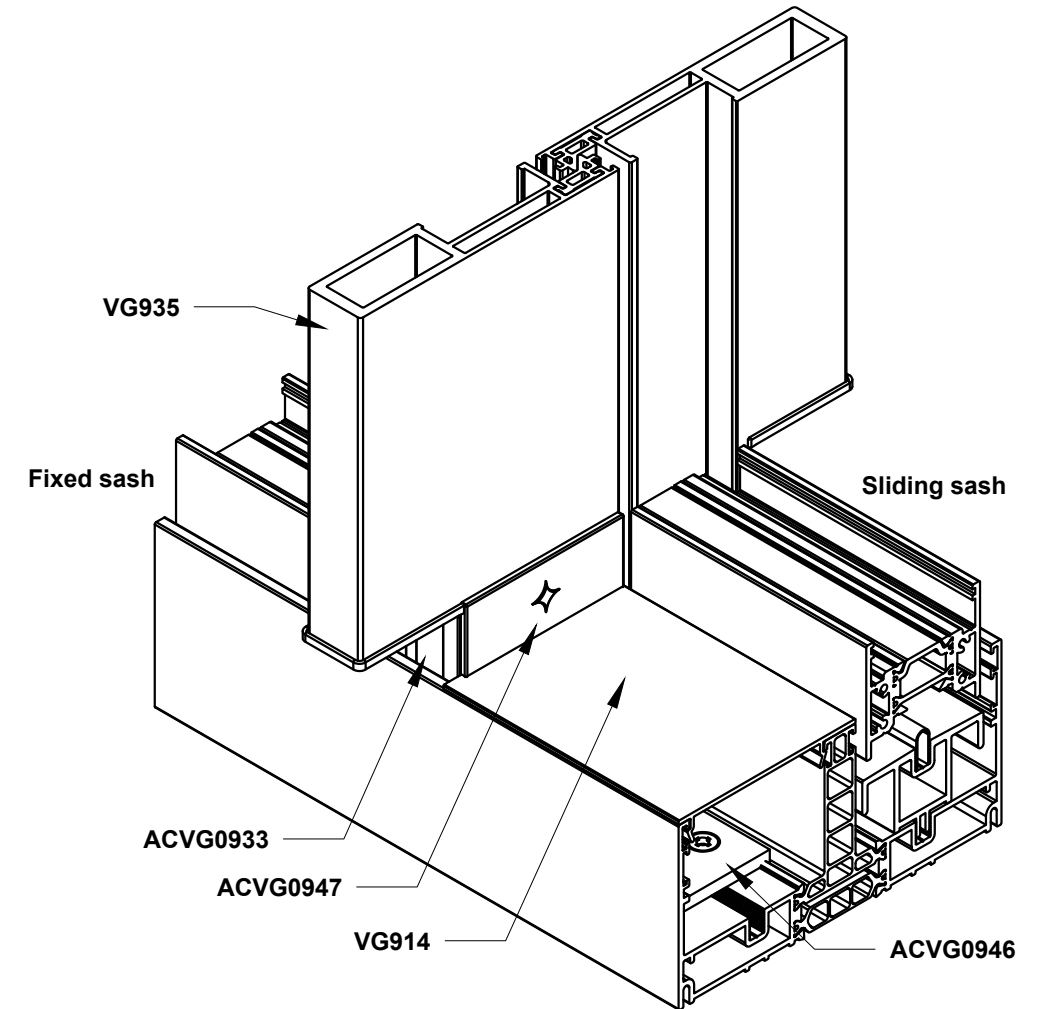
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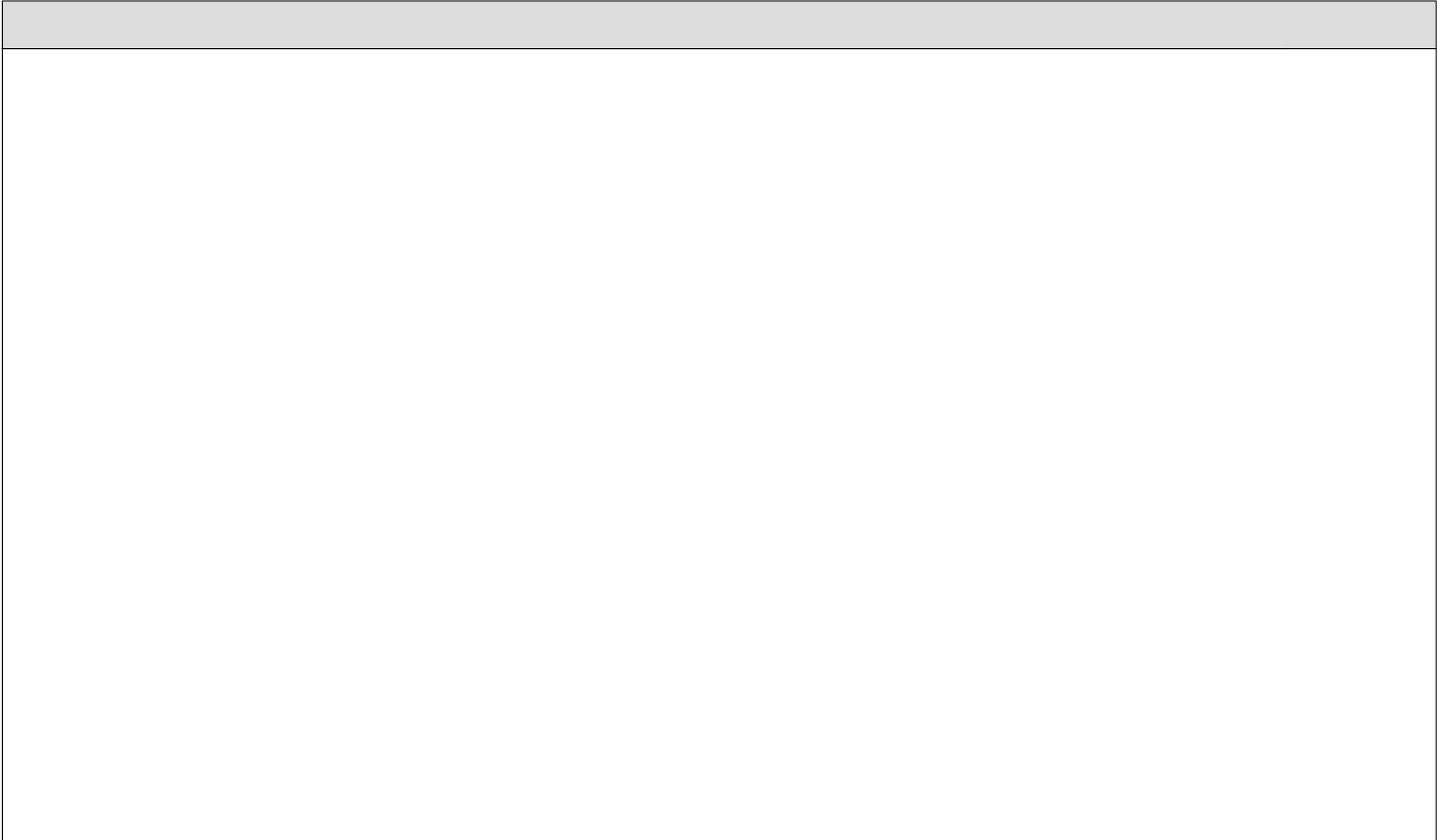
Fixed Sash Detail

NOTCH INTERLOCK AS SHOWN ON PAGE E08.



Use M4 screw to retain the bottom ACVG0946 bracket inside the interlock when lifting the fixed sash into position. When the sash is in position remove the screw and lower the bracket for fixing





Do Not Scale From This Drawing

Section F

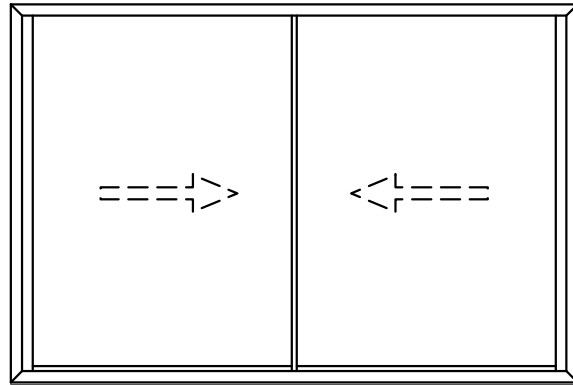


Sawing Tables

Two Pane, VG932 Interlock & BT Lock.....	F03
Two Pane, VG935 Interlock & BT Lock.....	F04
Three Pane, VG932 Interlock & BT Lock.....	F05
Three Pane, VG935 Interlock & BT Lock.....	F06
Four Pane, VG932 Interlock & BT Lock.....	F07
Four Pane, VG935 Interlock & BT Lock.....	F08
Fixed Pane / Sliding Door, VG932 Interlock & BT Lock.....	F09
Fixed Pane / Sliding Door, VG935 Interlock & BT Lock.....	F10

Section F

Cutting Information - 2 Pane Sliding door with VG932 Interlock & BT Lock



PROFILES

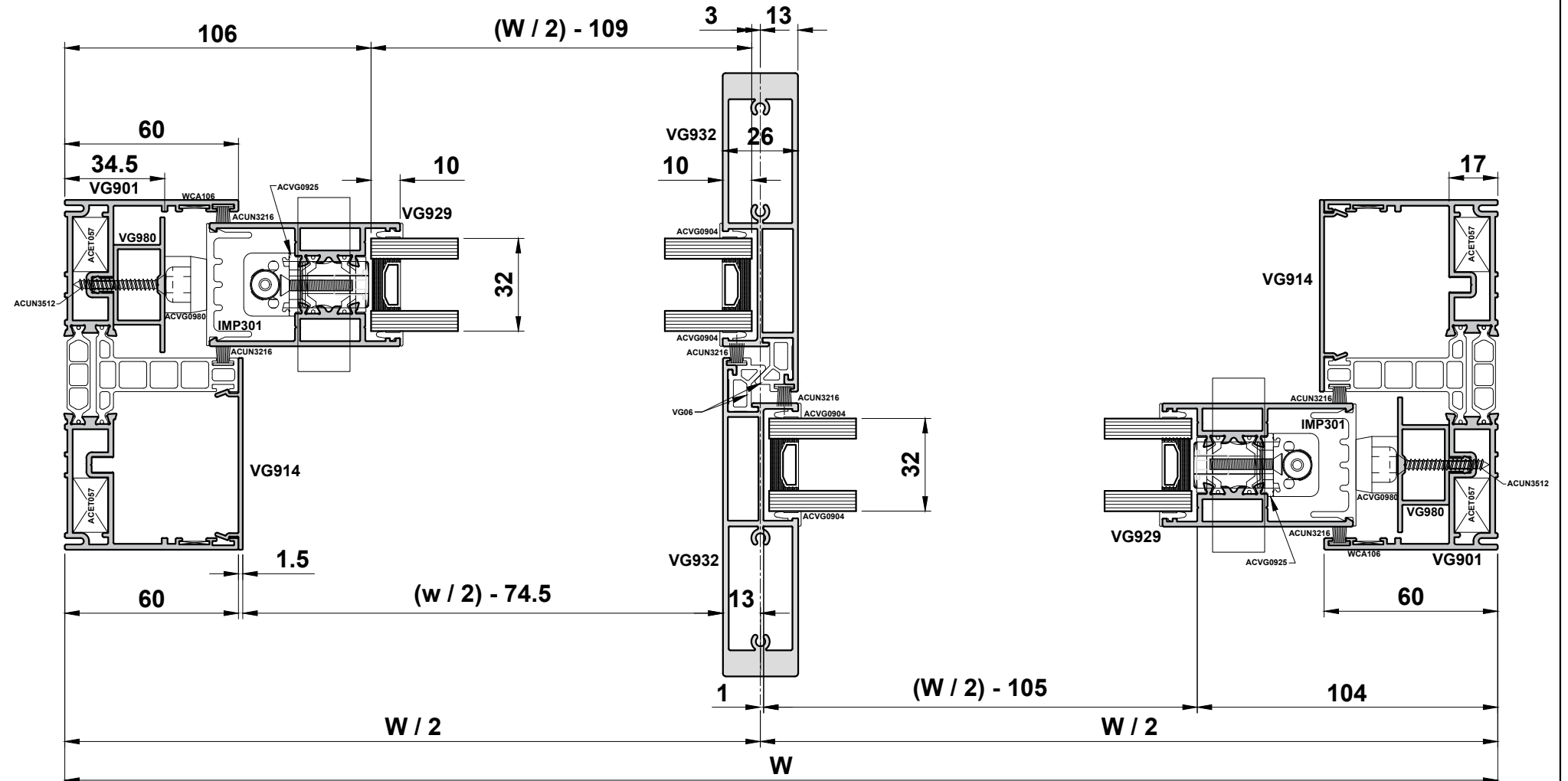
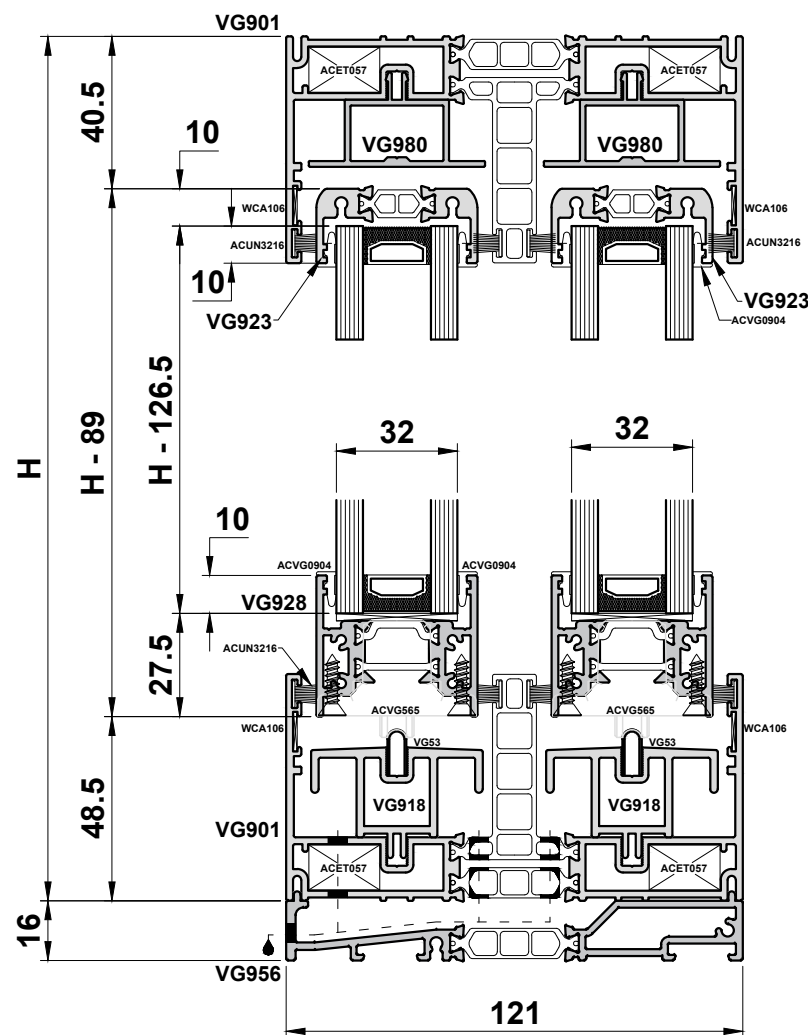
VG901		2		W
VG956		1		W
VG918		2		W - 35
VG53		2		W - 52
VG980		2		200mm
VG980		2		(W/2) - 234.5
VG980		2		(W/2) - 19
VG901		2		H
VG980		2		H - 75
VG914		2		H - 81
VG923		2		(W/2) - 105
VG928		2		(W/2) - 105
VG929		2		H - 89
IMP301		2		H - 89
VG932		2		H - 89
VG06		2		H - 171

GLASS SIZE

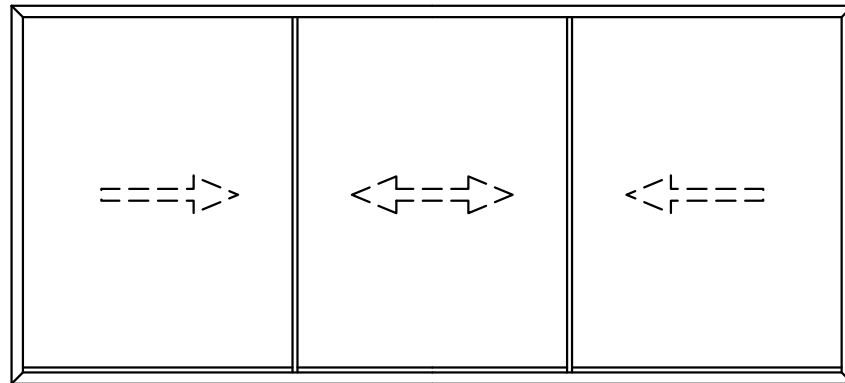
2x	(W / 2) - 109
	H - 126.5

ACCESSORIES

ACGSL045		MAX 800 mm	Drainage Cap
ACET057	8		Outer Frame Cleat
WCA106	8		Outer Frame Chevron
ACUN3216	(8 X W) + (6 X H)		Woolpile
ACVG0934	2		Threshold BT Lock Keep
ACVG0935	2		Head BT Lock Keep
ACVG0980	4		Rubber Buffer
ACVG565	4		Fixed Roller
ACVG0925	12		BT Lock Fixing
ACVG0926	4		BT Lock Guide
ACVG0932	4		VG932 End Cap
ACVG0904	(4 X W) + (8 X H)		Gasket
ACSZ040/41/42	2		BT Lock



Cutting Information - 3 Pane Sliding door with VG932 Interlock & BT Lock



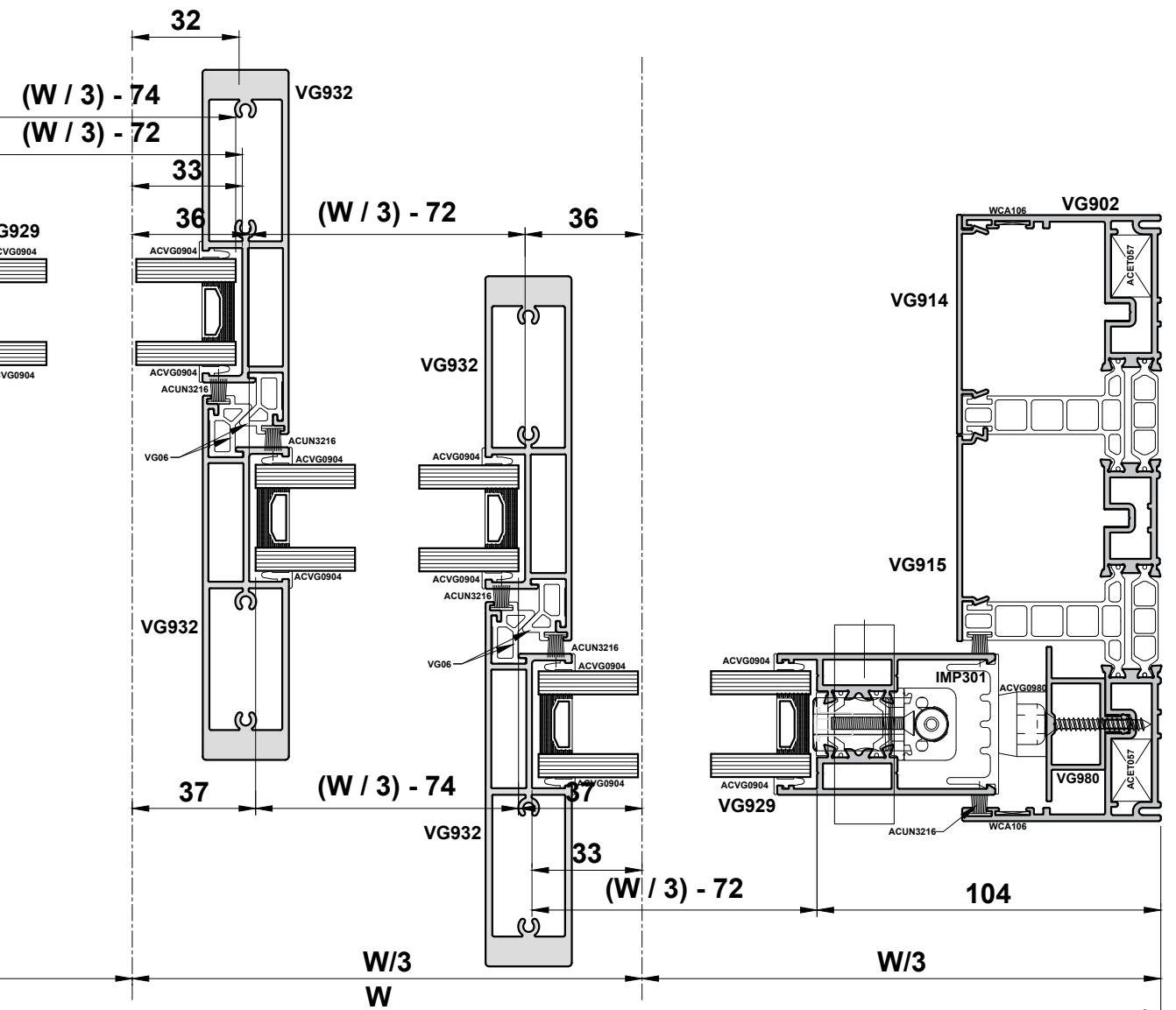
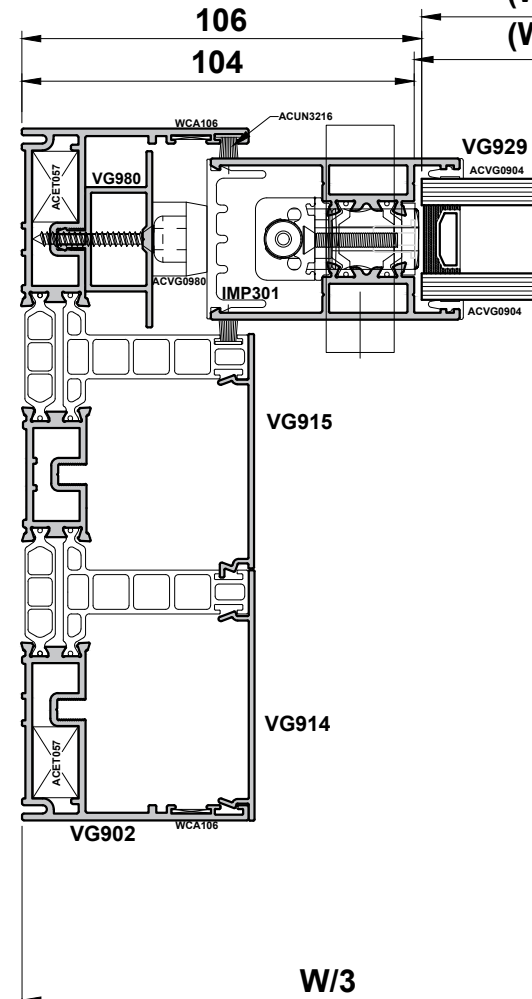
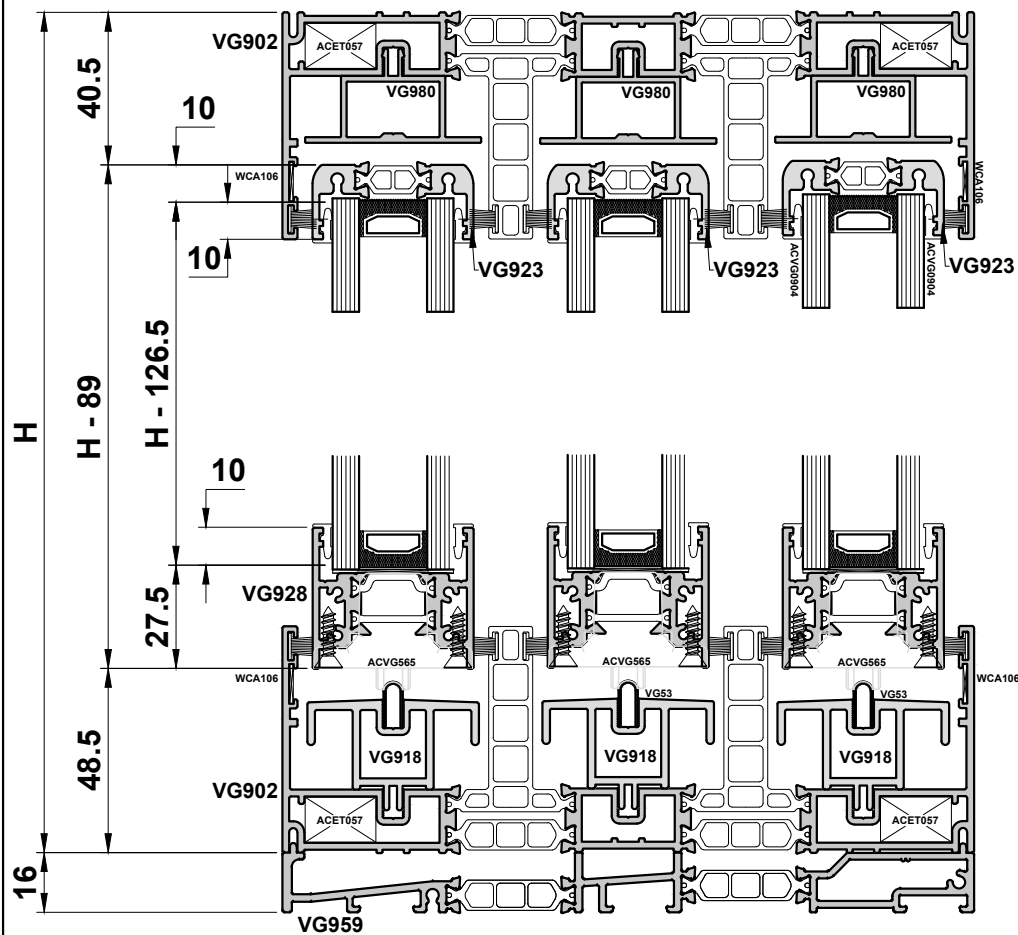
PROFILES

VG902		2		W
VG959		1		W
VG918		3		W - 35
VG53		3		W - 52
VG980		2		200mm
VG980		2		(W/3) - 200
VG980		2		(W/3 x 2) - 49
VG980		2		(W/3) + 15
VG980		1		(W/3) - 65
VG902		2		H
VG980		2		H - 75
VG914		2		H - 81
VG915		2		H - 81
VG923		3		(W/3) - 72
VG928		3		(W/3) - 72
VG932		4		H - 89
VG06		4		H - 171
VG929		2		H - 89
IMP301		2		H - 89

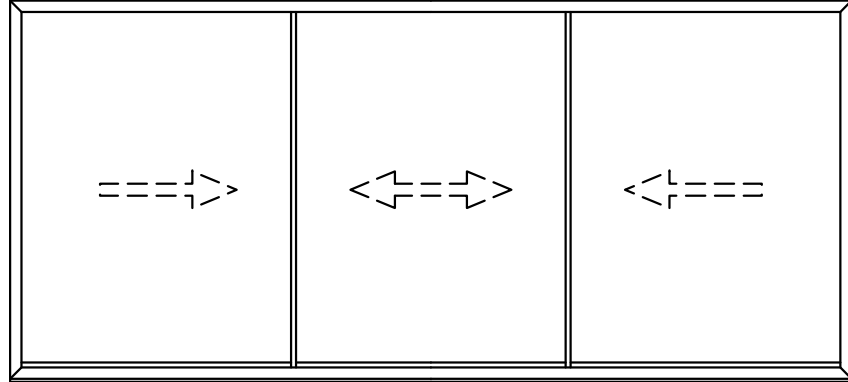
GLASS SIZE	
3x	(W / 3) - 74
	H - 126.5

ACCESSORIES

ACCESSORIES	MAX 900 mm	DESCRIPTION
ACGSL045		Drainage Cap
ACET057	8	Outer Frame Cleat
WCA106	8	Outer Frame Chevron
ACUN3216	(12 X W) + (8 X H)	Woolpile
ACVG0932	6	VG932 End Cap
ACVG0904	(6 X W) + (12 X H)	Gasket
ACVG0925	12	BT Lock Fixing
ACVG0926	4	BT Lock Guide
ACVG0934	2	Threshold BT Lock Keep
ACVG0935	2	Head BT Lock Keep
ACVG0980	4	Rubber Buffer
ACVG565	6	Fixed Roller



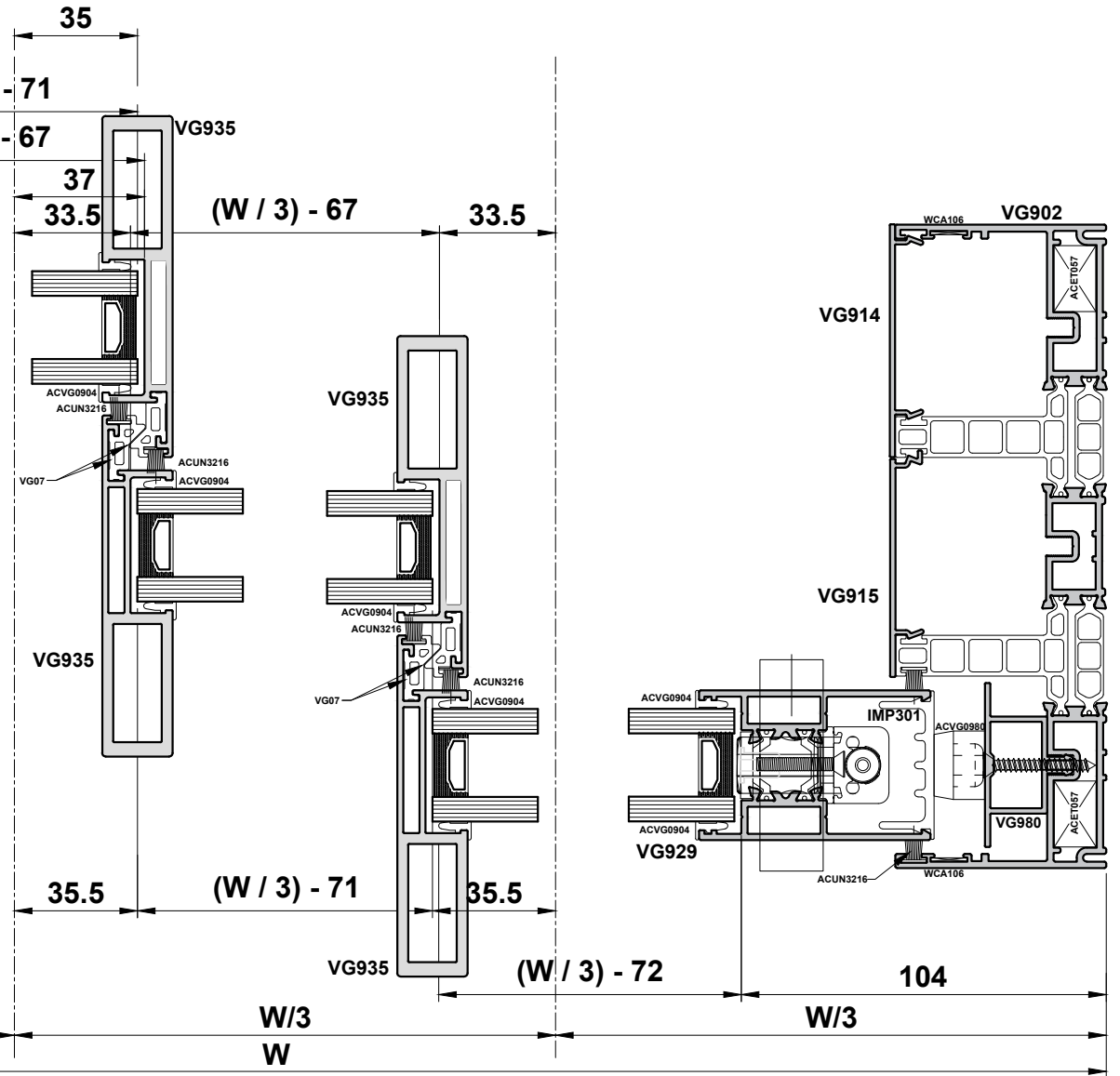
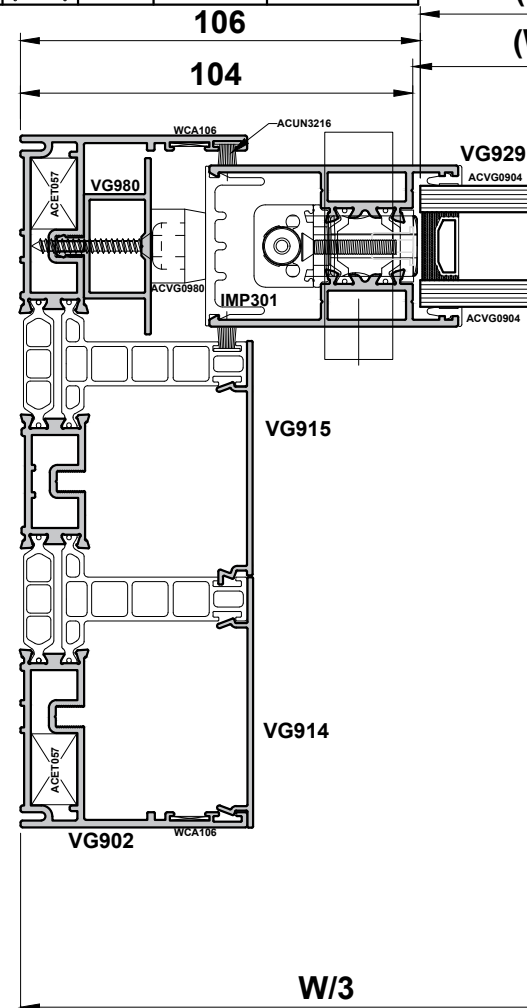
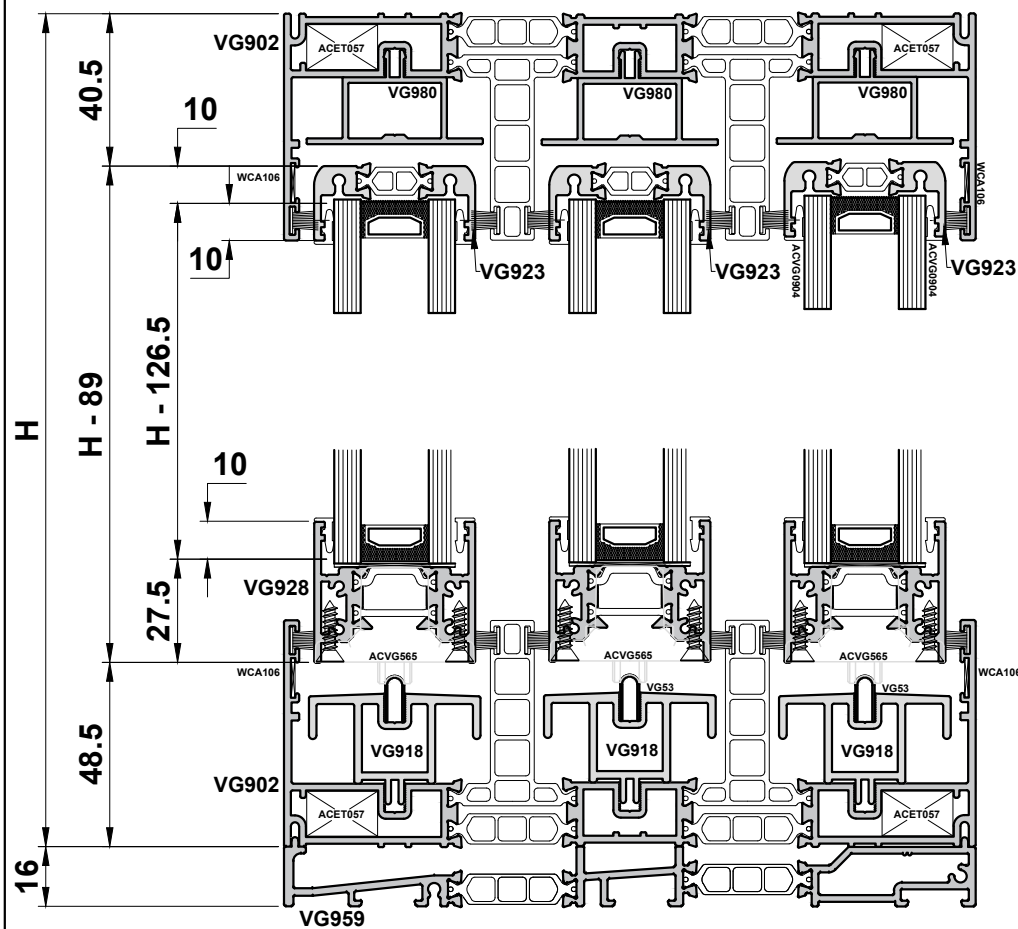
Cutting Information - 3 Pane sliding Door With VG935 Interlock & BT Lock



PROFILES	VG902	2	W
	VG959	1	W
	VG918	3	W - 35
	VG53	3	W - 52
	VG980	2	200mm
	VG980	2	(W/3) - 200
	VG980	2	(W/3 x 2) - 49
	VG980	2	(W/3) + 15
	VG980	1	(W/3) - 65
	VG902	2	H
	VG980	2	H - 75
	VG914	2	H - 81
	VG915	2	H - 81
	VG923	3	(W/3) - 67
	VG928	3	(W/3) - 67
	VG935	4	H - 89
	VG07	4	H - 171
	VG929	2	H - 89
	IMP301	2	H - 89

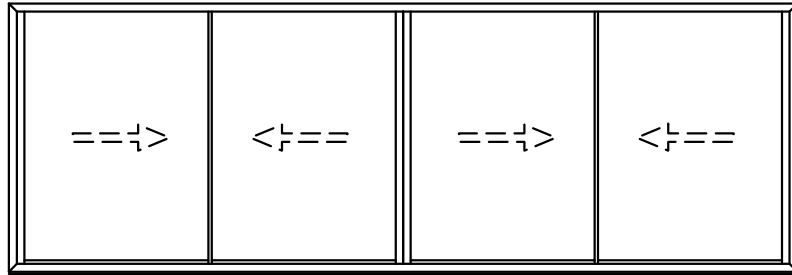
GLASS SIZE	
3x	(W / 3) - 74
	H - 126.5

ACCESSORIES	ACGSL045	MAX 800 mm	Drainage Cap
	ACET057	8	Outer Frame Cleat
	WCA106	8	Outer Frame Chevron
	ACUN3216	(12 X W) + (8 X H)	Woolpile
	ACVG0933	6	VG935 End Cap
	ACVG0904	(6 X W) + (12 X H)	Gasket
	ACVG0925	12	BT Lock Fixing
	ACVG0926	4	BT Lock Guide
	ACVG0934	2	Threshold BT Lock Keep
	ACVG0935	2	Head BT Lock Keep
	ACVG0980	4	Rubber Buffer
	ACVG565	6	Fixed Roller



Do Not Scale From This Drawing

Cutting Information - 4 Pane Sliding door with VG932 Interlock & BT Lock



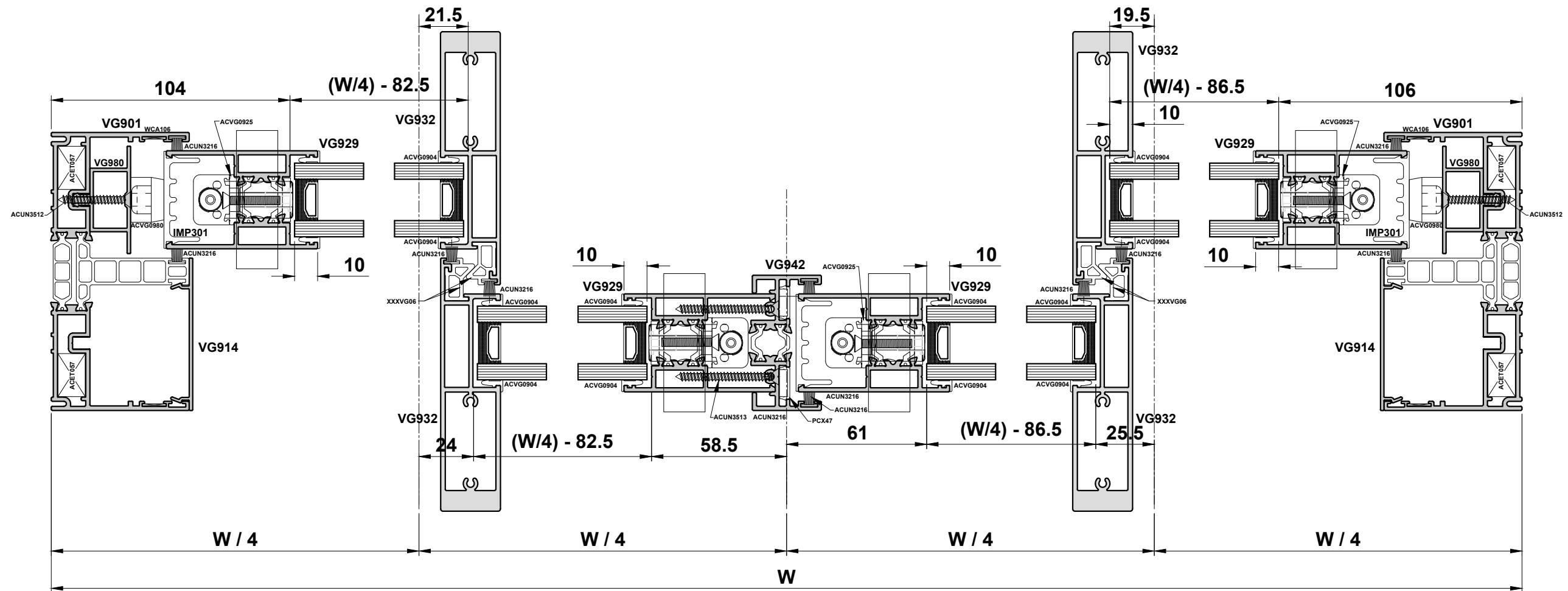
PROFILES

VG901		2		W
VG956		1		W
VG918		2		W - 35
VG53		2		W - 52
VG980		2		200mm
VG980		2		(W/4) - 212
VG980		4		(W/4) - 22.5
VG980		2		(W/4) + 3.5
VG901		2		H
VG980		2		H - 75
VG914		2		H - 81
VG923		4		(W/4) - 82.5
VG928		4		(W/4) - 82.5
VG929		4		H - 89
IMP301		3		H - 89
VG942		1		H - 137
VG932		4		H - 89
VG06		4		H - 171

GLASS SIZE	
4x	(W / 4) - 86.5
	H - 126.5

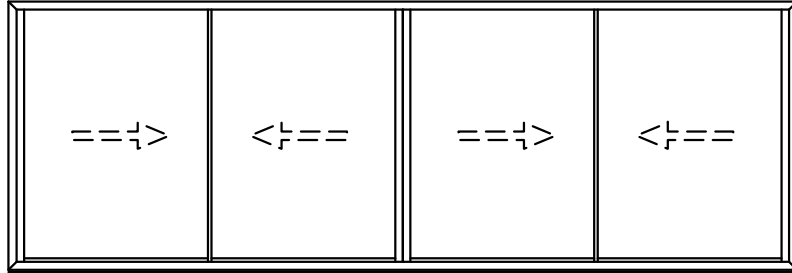
ACCESSORIES

ACGL045		Drainage Cap
ACET057	8	Outer Frame Cleat
WCA106	8	Outer Frame Chevron
ACUN3216	(8 X W) + (10 X H)	Woolpile
ACVG0934	4	Threshold BT Lock Keep
ACVG0935	4	Head BT Lock Keep
ACVG0980	4	Rubber Buffer
ACVG565	8	Fixed Roller
ACVG0925	24	BT Lock Fixing
ACVG0926	8	BT Lock Guide
ACVG0932	8	VG932 End Cap
ACVG0942	2	VG942 End Cap
ACVG0904	(4 X W) + (16 X H)	Gasket
ACSZ040/41/42	4	BT Lock



Do Not Scale From This Drawing

Cutting Information - 4 Pane sliding Door With VG935 Interlock & BT Lock



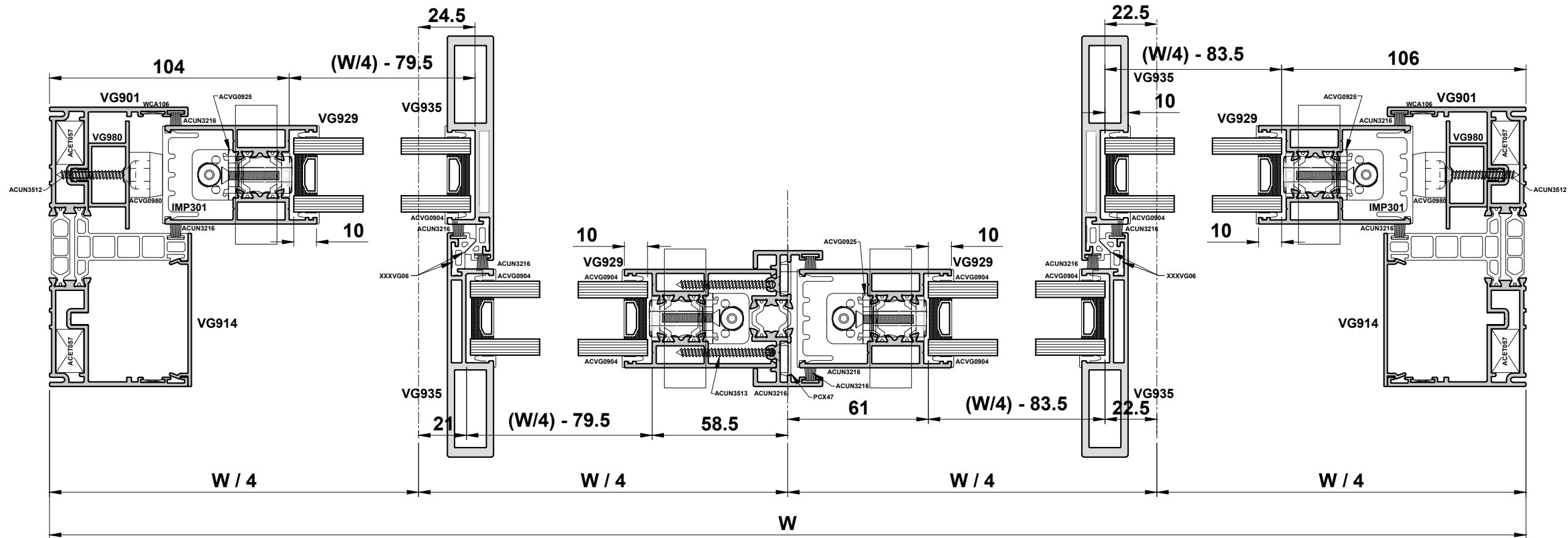
PROFILES

VG901		2		W
VG956		1		W
VG918		2		W - 35
VG53		2		W - 52
VG980		2		200mm
VG980		2		(W/4) - 212
VG980		4		(W/4) - 22.5
VG980		2		(W/4) + 3.5
VG901		2		H
VG980		2		H - 75
VG914		2		H - 81
VG923		4		(W/4) - 79.5
VG928		4		(W/4) - 79.5
VG929		4		H - 89
IMP301		3		H - 89
VG942		1		H - 137
VG935		4		H - 89
VG07		4		H - 171

GLASS SIZE	
4x	(W / 4) - 83.5
	H - 126.5

ACCESSORIES

ACGSL045		Drainage Cap
ACET057	8	Outer Frame Cleat
WCA106	8	Outer Frame Chevron
ACUN3216	(8 X W) + (10 X H)	Woolpile
ACVG0934	4	Threshold BT Lock Keep
ACVG0935	4	Head BT Lock Keep
ACVG0980	4	Rubber Buffer
ACVG565	8	Fixed Roller
ACVG0925	24	BT Lock Fixing
ACVG0926	8	BT Lock Guide
ACVG0933	8	VG935 End Cap
ACVG0942	2	VG942 End Cap
ACVG0904	(4 X W) + (16 X H)	Gasket
ACSZ040/41/42	4	BT Lock



Do Not Scale From This Drawing

