

Alumil
Building excellence every day



 **M14000**
SMARTIA



M14000

Sliding System



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A decorative graphic consisting of two overlapping diagonal stripes. The top stripe is a light gray color and the bottom stripe is a darker gray color. They intersect in the middle of the page, creating a darker gray square at the point of overlap.

Specification

SMARTIA M14000

ALUMIL's brand new sliding system with extremely elegant straight lines

Product line for sliding frames, distinguished by the stainless steel roller driver, the option of vertical profile cutting, and its overall linear design.

- Basic width of sash 38mm.
- Inox steel roller driver for easier and smoother sliding (near zero friction).
- 32 mm heavy-load rollers, made of teflon.
- Sealing with high density membrane brushes (Hi-Fin).
- Single or multiple point lock, with backset application inside the frame's sliding guide.
- Option of glazing installation as in traditional systems, using a sash with a complementary glazing bead.
- Special waving design in the facing side.
- Max Glass thickness up to 20mm and weight per sash up to 120.

Product Line Construction Options:

- Interlocking (with or without a fly-screen).
- Internal Fusible (glazing or glazing with shutter or glazing with shutter and fly-screen).
- External Fusible (glazing or glazing with shutter or glazing with shutter and fly-screen).

Certifications:

- The design, the production process, and the quality control of all profiles produced by Alumil are certified with ISO 9001.
- The process of electrostatic powder coating is certified by QUALICOAT and RAL (GSB) in all plants operated by Alumil.
- The system is certified for air – water impermeability, by the EKANAL (Greek Center for Aluminium Development).

PROFILE TECHNICAL SPECIFICATIONS

Visible aluminum face width	111.8mm
Frame height	38mm
Frame width	93mm / 124.5mm / 140mm
Sash height	82.3mm
Sash width	38mm
Interlocking profile width	83.8mm

TECHNICAL CHARACTERISTICS

Aluminum alloy	AlMgSi (EN AW 6063)
Hardness	12 Webster or 70 HB minimum
Minimum Powder Coating Thickness	75µm minimum
Profile thickness (min-max)	1,4 - 1,5mm
Profile Geometry Control	EN DIN 12020-2 Compliant
Slide type	32mm double roller on steel guide
Glazing type	Single or Double up to 20mm
Maximum glazing weight	With a double roller 120Kg per sash
Sealing type	Perimetrical using two rows of quality brushes with sealing membrane Hi-Fin

SOUND RESISTANCE

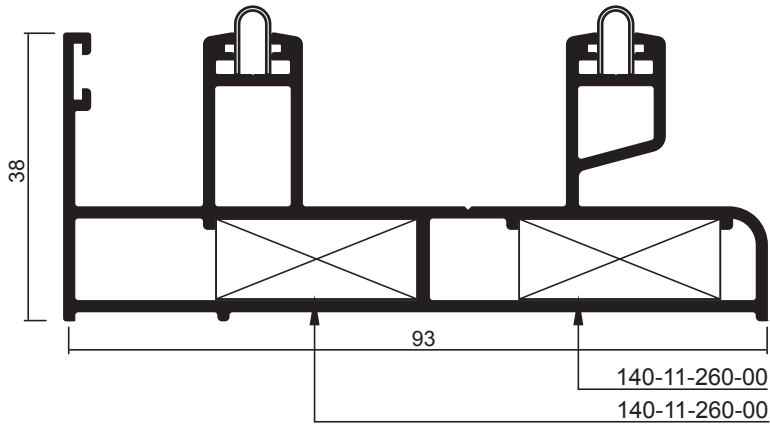
Values in accordance with EN ISO 717-1

Glass thickness (mm)	Sound resistance glass only (Rw)	Sound resistance glass and frame (Rw)
6*/12/6	37 dB	34 dB
8*/12/5	38 dB	35 dB

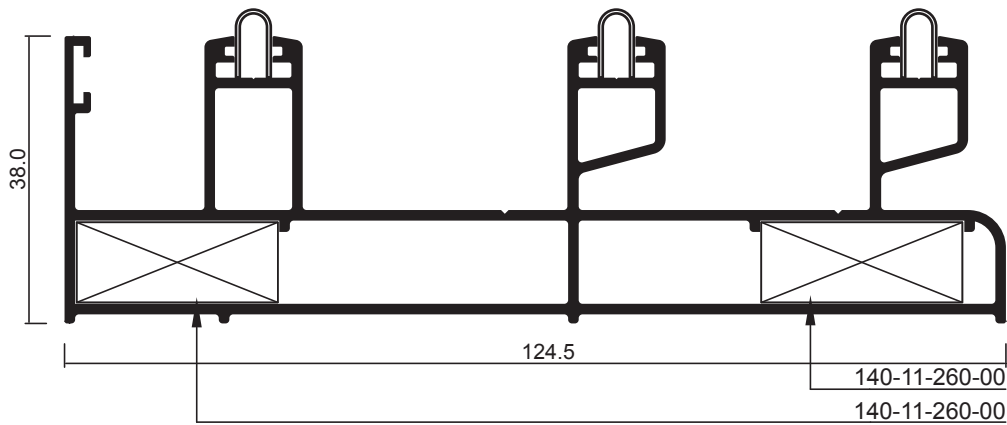
* Acoustic PVB laminated safety glass

A decorative graphic consisting of two overlapping diagonal stripes. The top stripe is a light gray color and the bottom stripe is a darker gray color. They intersect in the middle of the page, creating a dark gray diamond shape.

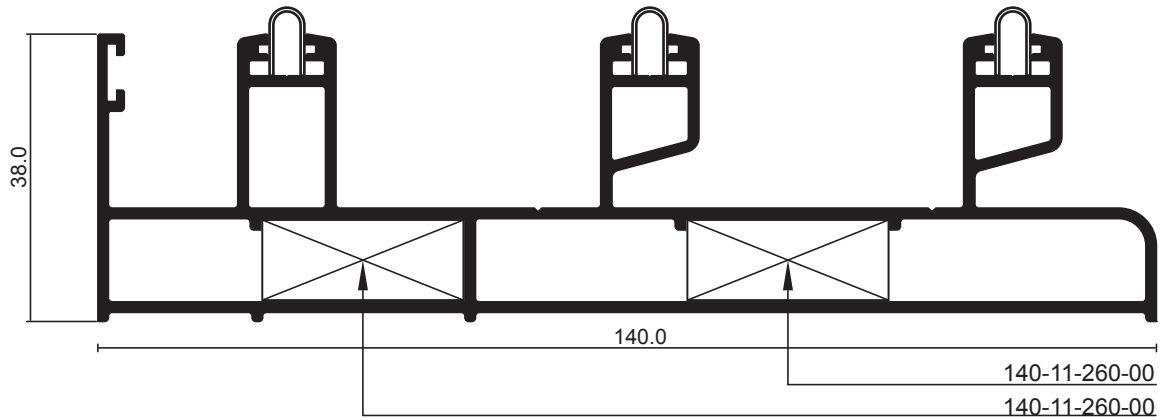
Profiles Overview



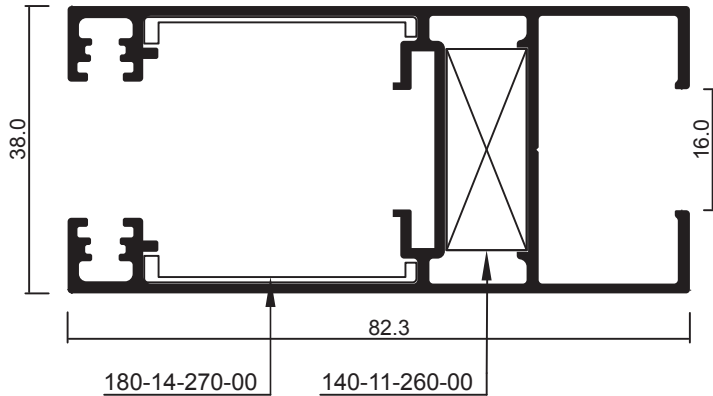
M14375	
Double Frame Track	
External perimeter	429 mm
Primary perimeter	335 mm
Moment of inertia x-x	43.80 cm ⁴
Moment of inertia y-y	7.43 cm ⁴
Weight	1447 gr/m
Stainless steel rail	660-12-140-00
Die casted corner cleat 10.9x26.2mm	140-11-260-00 x2



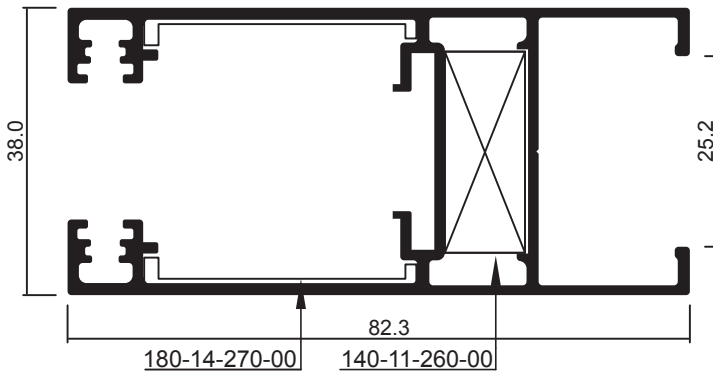
M14182	
Double Frame Track With Fly Screen	
External perimeter	256.9 mm
Primary perimeter	330.9 mm
Moment of inertia x-x	10.30 cm ⁴
Moment of inertia y-y	109.97 cm ⁴
Weight	2159.2 gr/m
Stainless steel rail	660-12-140-00
Die casted corner cleat 10.9x26.2mm	140-11-260-00 x2



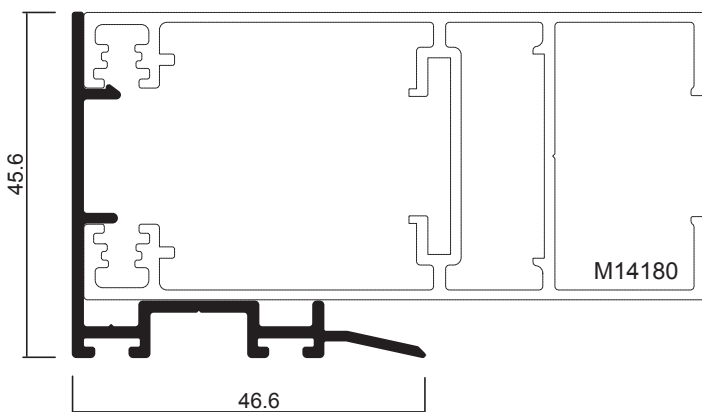
M14383	
Triple Frame Track	
External perimeter	618 mm
Primary perimeter	475 mm
Moment of inertia x-x	144.79 cm ⁴
Moment of inertia y-y	10.88 cm ⁴
Weight	2117 gr/m
Stainless steel rail	660-12-140-00
Die casted corner cleat 10.9x26.2mm	140-11-260-00 x2



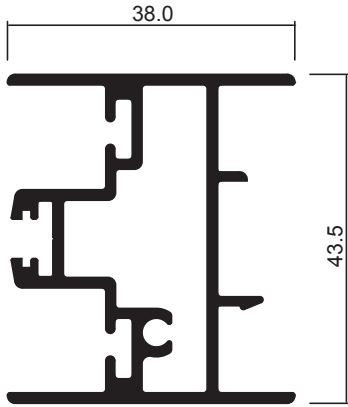
M14180	
Single Sash	
External perimeter	648.3 mm
Primary perimeter	203.6 mm
Moment of inertia x-x	10.90 cm ⁴
Moment of inertia y-y	30.77 cm ⁴
Weight	1381.8 gr/m
Roller	600-02-140-00
Monticelli corner for M14180	140-11-260-00
Alignment Angle	180-14-270-00



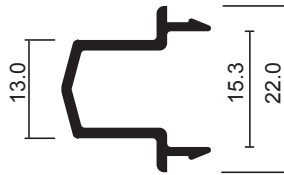
M14181	
Double Sash	
External perimeter	332.3 mm
Primary perimeter	194.5 mm
Moment of inertia x-x	10.75 cm ⁴
Moment of inertia y-y	28.31 cm ⁴
Weight	1339.0 gr/m
Roller	600-02-140-00
Monticelli corner for M14181	140-11-260-00
Alignment Angle	180-14-270-00



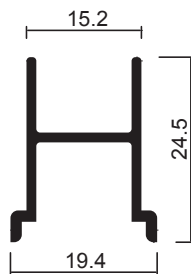
M14388	
Weathering Profile	
External perimeter	198.4
Primary perimeter	46 mm
Moment of inertia x-x	3.22 cm ⁴
Moment of inertia y-y	2.87 cm ⁴
Weight	473.9 gr/m
Interlocking Profile M14388 end cap	311-14-203-03



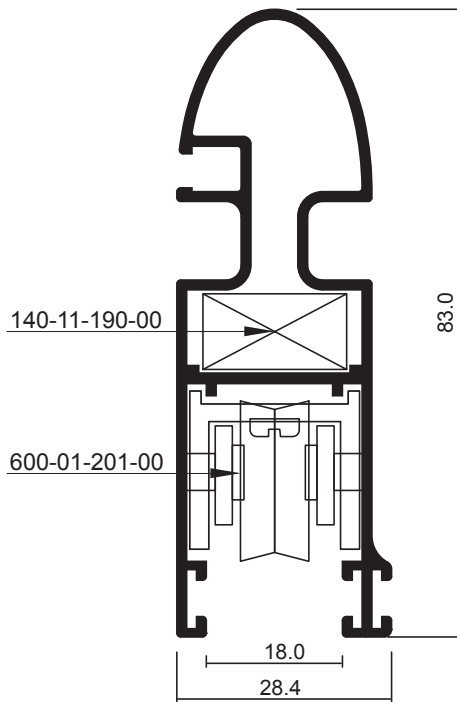
M14245	
Adjoining Profile	
External perimeter	82.8 mm
Primary perimeter	219.4 mm
Moment of inertia x-x	4.46 cm ⁴
Moment of inertia y-y	2.95 cm ⁴
Weight	955.9 gr/m
Adjoining profile M14245 end cap	311-14-245-03



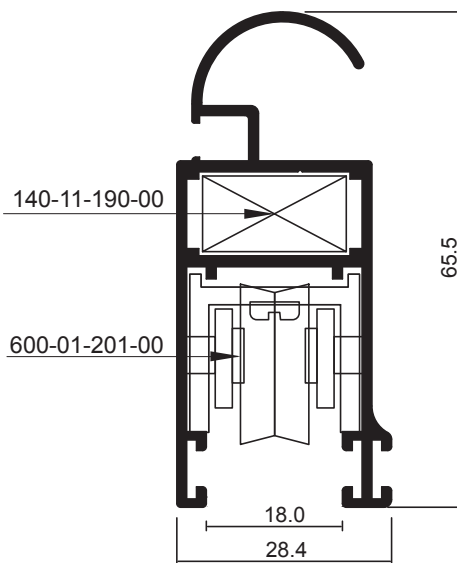
M9004	
Fly screen Adjoining profile	
External perimeter	112 mm
Primary perimeter	46 mm
Moment of inertia x-x	0.32 cm ⁴
Moment of inertia y-y	0.25 cm ⁴
Weight	205 gr/m
End cap	311-00-015-03



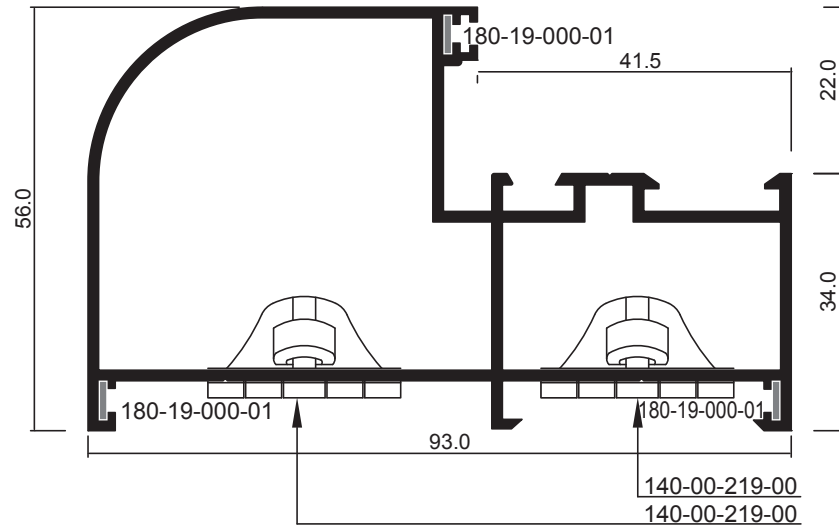
M12353	
Additional Profile For In Line Lock	
External perimeter	128 mm
Moment of inertia x-x	0.4 cm ⁴
Moment of inertia y-y	0.37 cm ⁴
Weight	233.6 gr/m



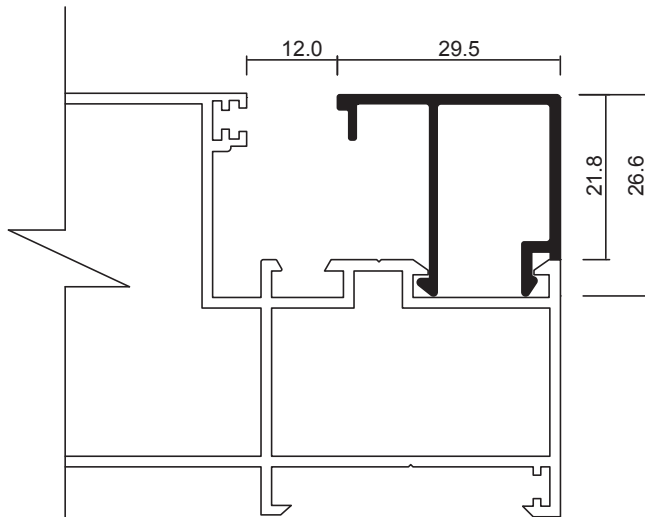
M14218	
Fly screen sash	
External perimeter	371 mm
Primary perimeter	237 mm
Moment of inertia x-x	3.39 cm ⁴
Moment of inertia y-y	19.28 cm ⁴
Weight	932 gr/m
Roller	600-01-201-00
Cast spring cleat	140-11-190-00



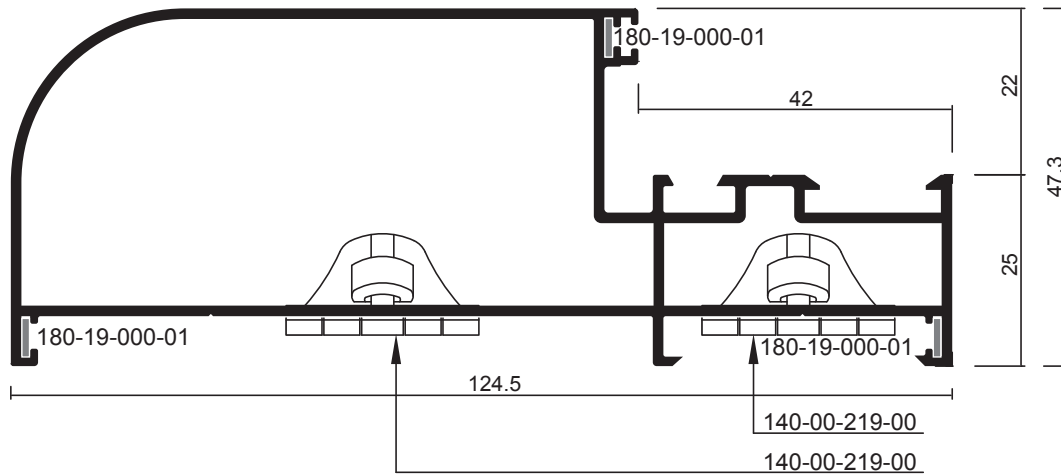
M9228	
Fly screen sash	
External perimeter	351 mm
Primary perimeter	223 mm
Moment of inertia x-x	2.90 cm ⁴
Moment of inertia y-y	10.13 cm ⁴
Weight	776 gr/m
Roller	600-01-201-00
Cast spring cleat	140-11-190-00



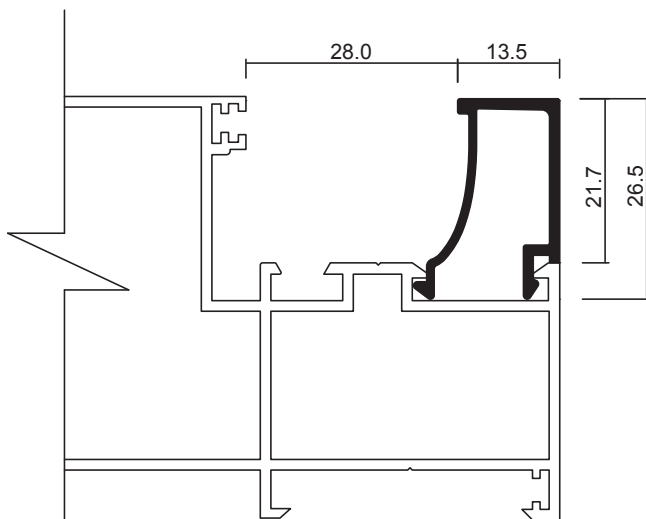
M9423	
Fixed Frame	
External perimeter	407.75 mm
Moment of inertia x-x	44.25 cm ⁴
Moment of inertia y-y	15.21 cm ⁴
Weight	1348 gr/m
Alignment Corner	180-19-000-01 x3
Mechanical corner cleat	140-00-219-00 x2



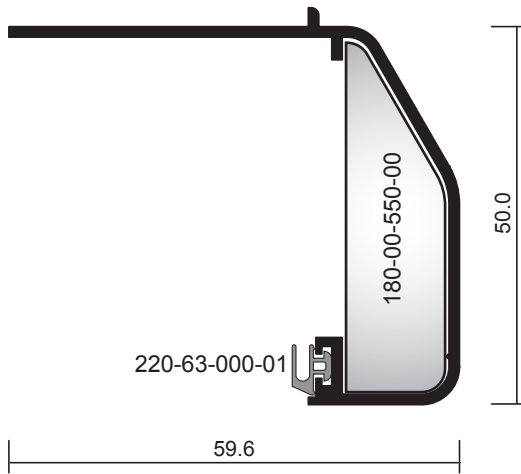
M9311	
Glazing Bead For Single Glazing	
External perimeter	181.9 mm
Moment of inertia x-x	0.96 cm ⁴
Moment of inertia y-y	0.9 cm ⁴
Weight	304 gr/m



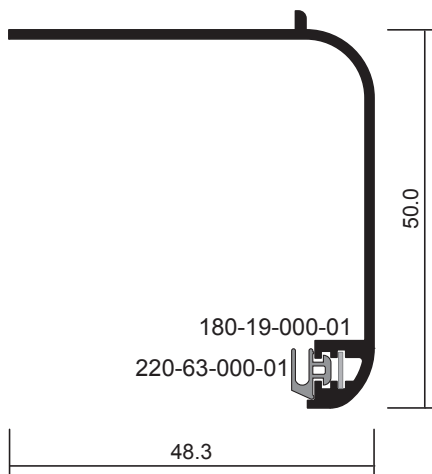
M9462	
Fixed Frame	
External perimeter	448.2 mm
Primary perimeter	144.3 mm
Moment of inertia x-x	88.49 cm ⁴
Moment of inertia y-y	13.63 cm ⁴
Weight	1487.3 gr/m
Alignment Corner	180-19-000-01 x3
Mechanical corner cleat	140-00-219-00 x2



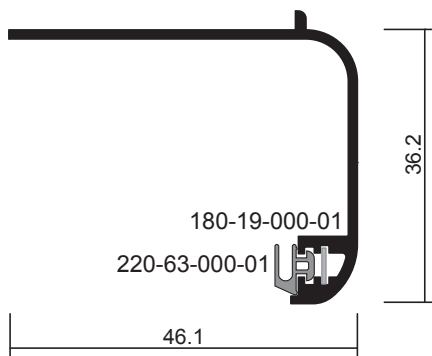
M9312	
Glazing Bead For Double Glazing	
External perimeter	143 mm
Moment of inertia x-x	0.31 cm ⁴
Moment of inertia y-y	0.68 cm ⁴
Weight	266 gr/m



M6000	
Architrave 5 cm	
External perimeter	268.5 mm
Moment of inertia x-x	7.43 cm ⁴
Moment of inertia y-y	5.17 cm ⁴
Weight	523 gr/m
Alignment corner decorative profile M6000	180-00-550-00
Seal gasket 3.5mm EPDM black	220-63-000-01



M9416	
Architrave 5 cm	
External perimeter	225.4 mm
Moment of inertia x-x	3.48 cm ⁴
Moment of inertia y-y	5.79 cm ⁴
Weight	411 gr/m
Alignment corner	180-19-000-01
Seal gasket 3.5mm EPDM black	220-63-000-01



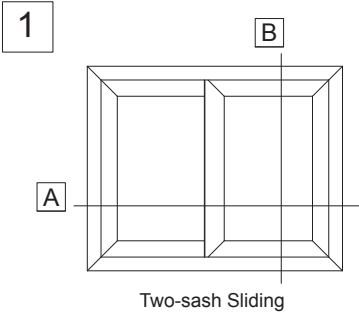
M777	
Architrave 3.5 cm	
External perimeter	195.3 mm
Weight	332 gr/m
Alignment corner	180-19-000-01
Seal gasket 3.5mm EPDM black	220-63-000-01



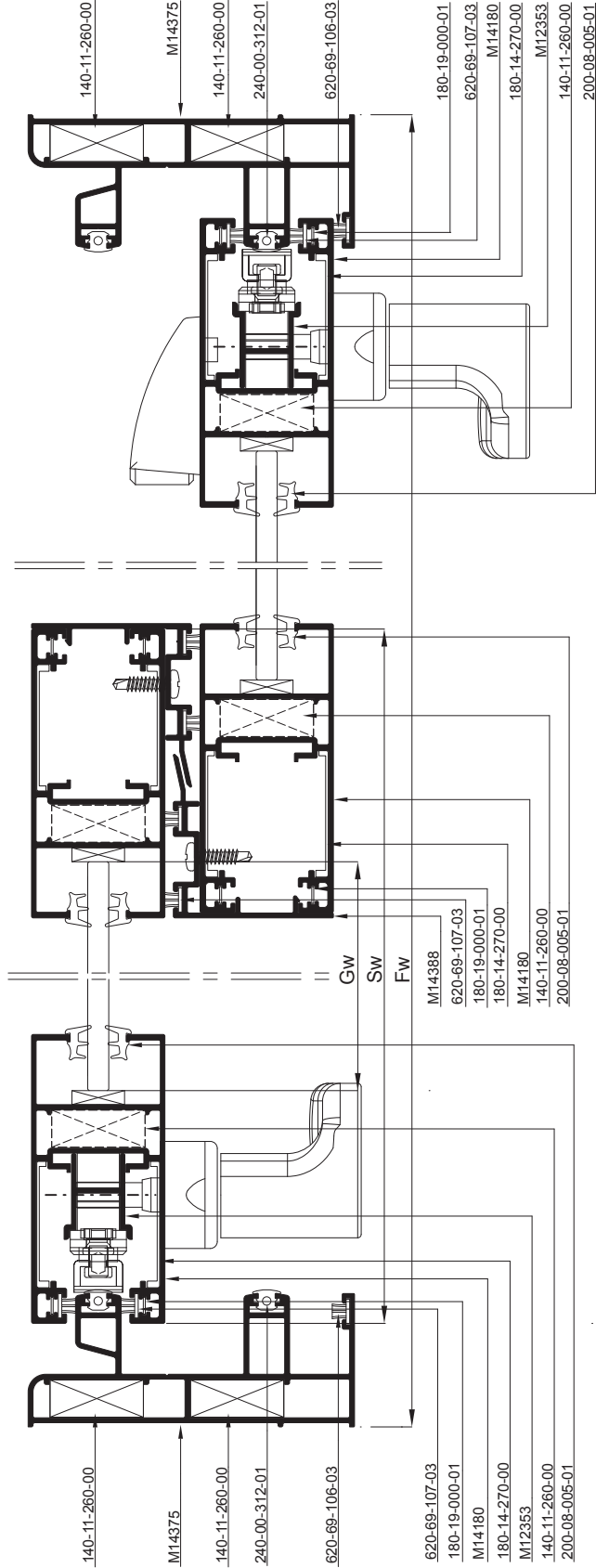
Notes

A decorative graphic consisting of two overlapping diagonal bands. The upper band is a light gray color, and the lower band is a darker gray color. They intersect in the center of the page, creating a darker gray square in the middle.

Section Details

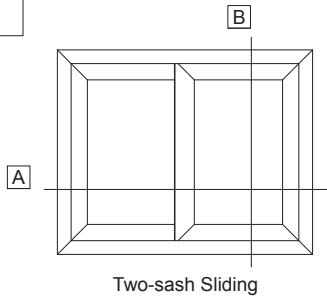


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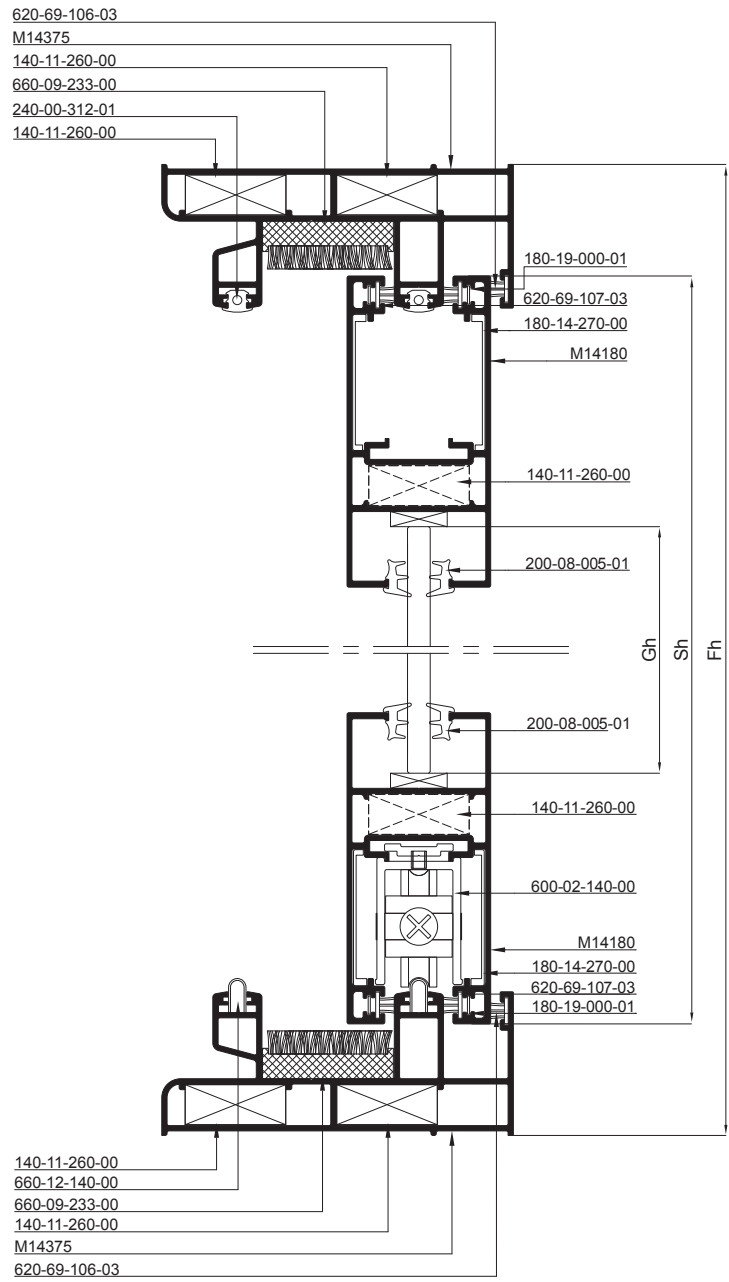
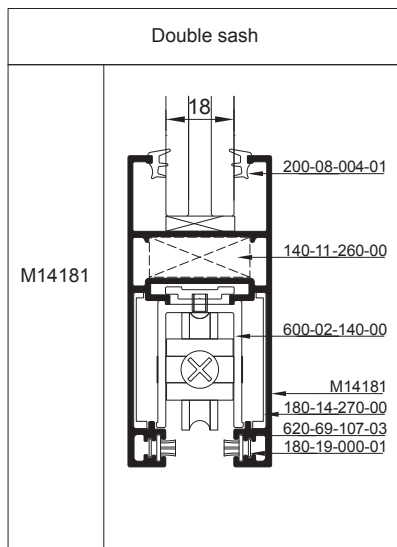


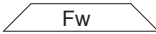

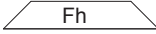


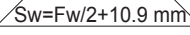


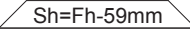

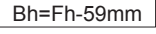

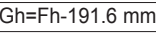


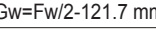




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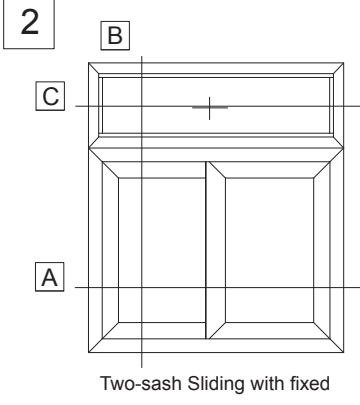
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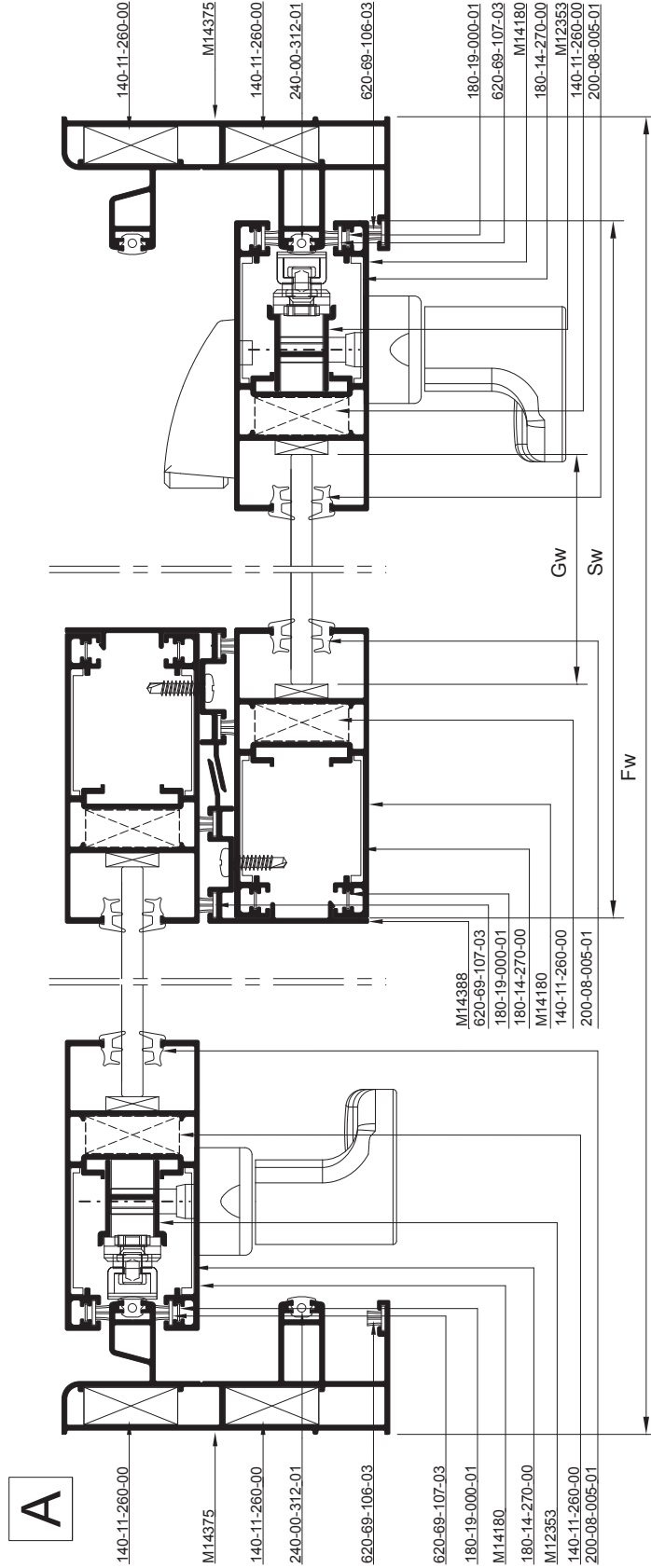
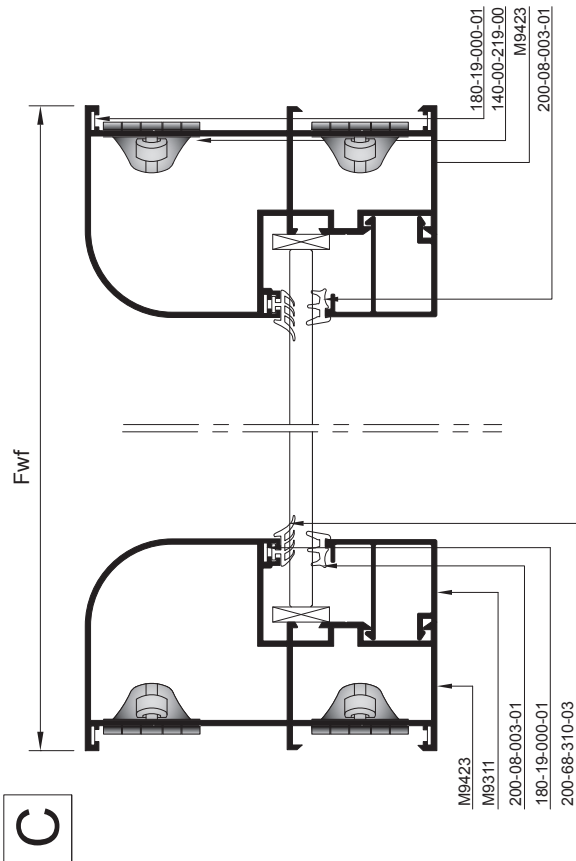
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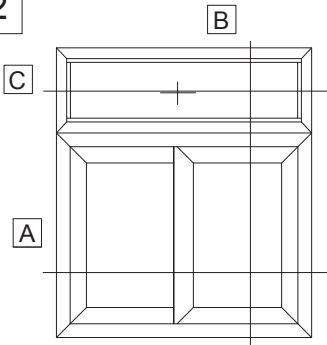
Profile cuttings			Accessory cuttings			
			Code	Accessory	Description	Quantity
Frame rail width M14375		2 pcs	140-11-260-00		Die casted corner cleat 10,6x26,2mm	16 pcs
Side frame rail height M14375		2 pcs	600-02-140-00		M14000 Roller	4 pcs
			311-14-203-03		Interlocking profile M14388 end cap	2 set
Sash width M14180		4 pcs	180-14-270-00		Alignment corner for M14000 sash profile	16 pcs
			180-19-000-00		Alignment Corner Inox Thin	16 pcs
Sash height M14180		4 pcs	660-09-233-00		Central seal 34,5mm (upper, lower)	2 pcs
Interlocking profile height M14388		2 pcs	660-12-140-00		Inox railing guide	2 (Fw-76mm)
Glass unit height		2 pcs	620-69-107-03		Brush weatherstripping pile 6,9x7mm 4P	8(Sh+Sw)
			620-69-106-03		Brush weatherstripping pile 6,9x6mm 4P	2(Fh+Fw)
Glass unit width			200-08-005-01		Glazing Wedge EPDM Gasket 5mm Black	8(Sh+Sw)
			240-00-312-01		Frame guide M312 gasket	2Fw+ 4Fh
			660-62-521-03		External Sash Stopper RAL 9005	2 pcs
			650-12-012-00		Shock absorber for M14000 sash	4 pcs



Rotate view 90°

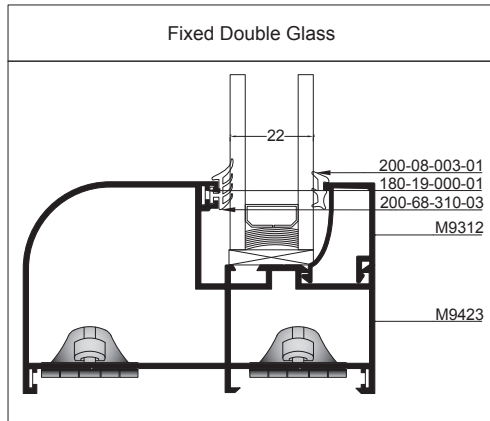


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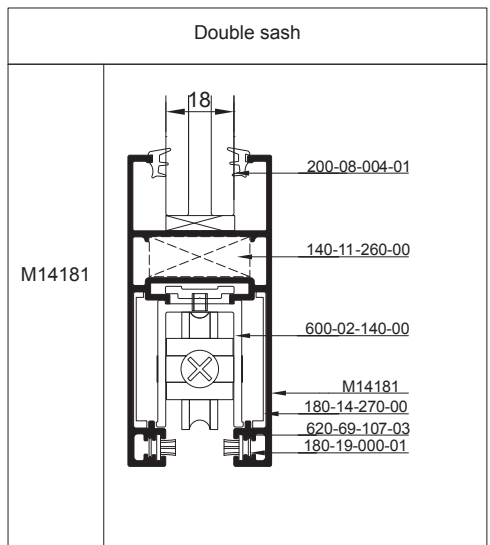


Two-sash Sliding with fixed

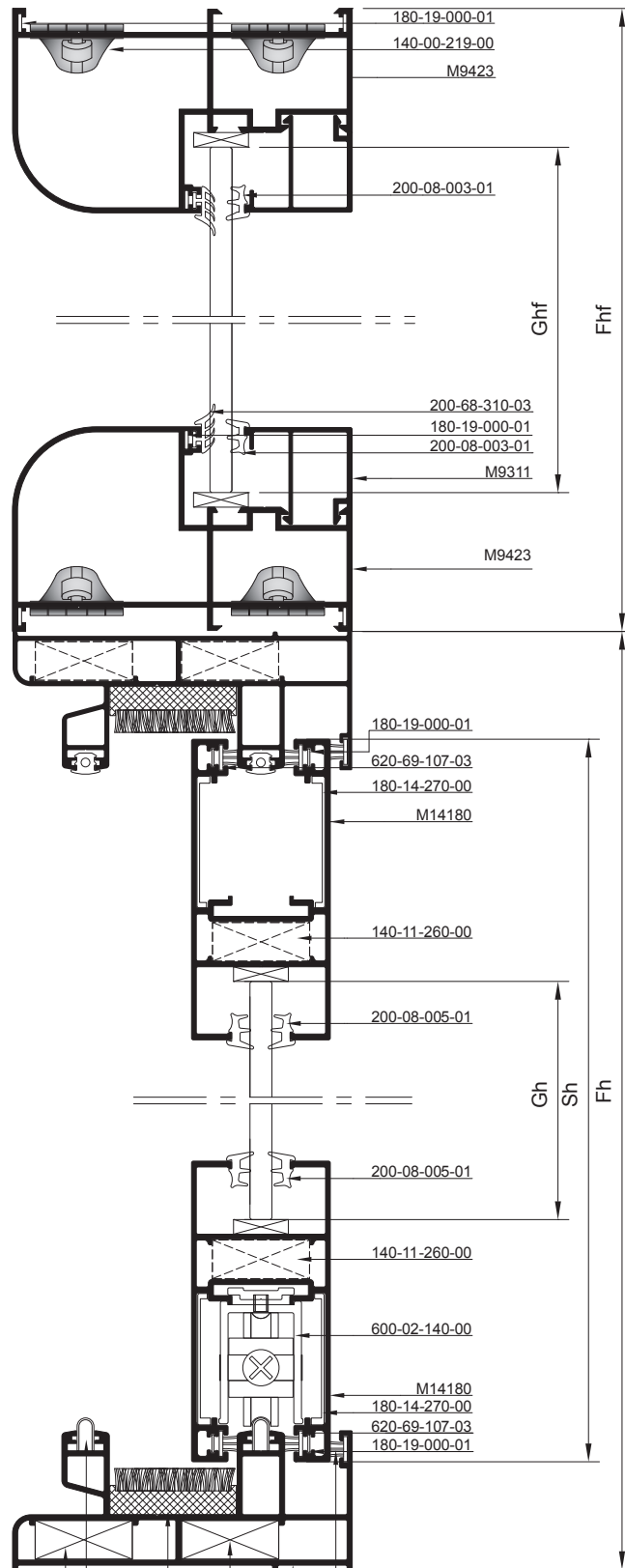
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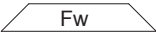

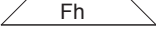









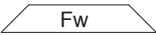

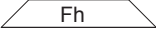






Fixed Double Glass



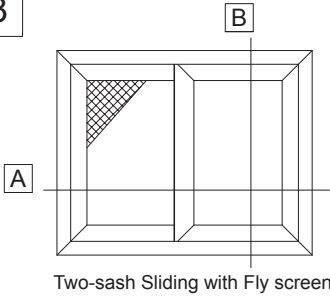
Double sash



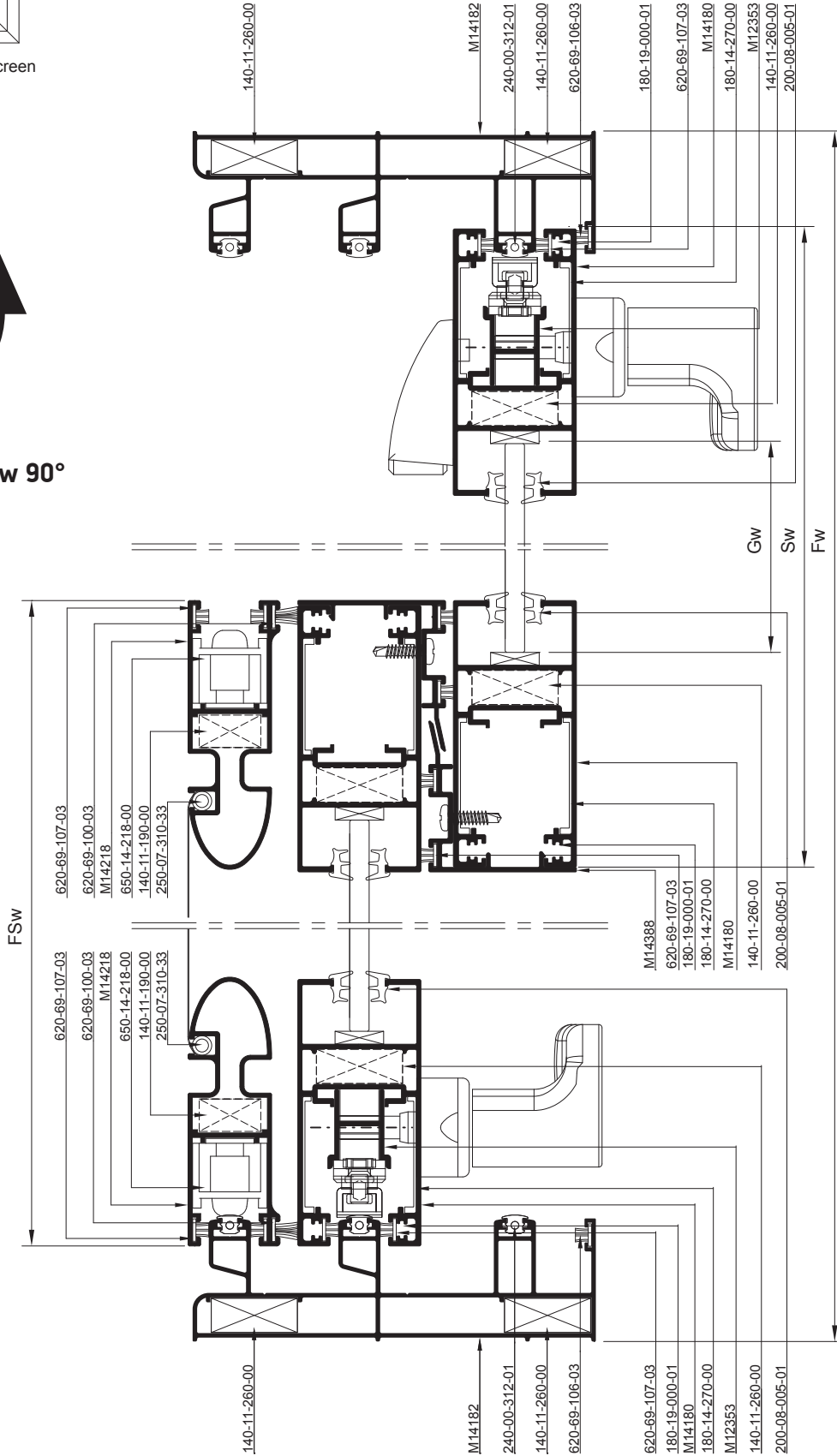
- 140-11-260-00
- 660-12-140-00
- 660-09-233-00
- 140-11-260-00
- M14375
- 620-69-106-03

Profile cuttings			Accessory cuttings			
			Code	Accessory	Description	Quantity
Frame rail width M14375		2 pcs	140-11-260-00		Die casted corner cleat 10,6x26,2mm	16 pcs
Side frame rail height M14375		2 pcs	600-02-140-00		M14000 Roller	4 pcs
Sash width M14180	$Sw = Fw/2 + 10.9 \text{ mm}$	4 pcs	311-14-203-03		Interlocking profile M14388 end cap	2 set
Sash height M14180	$Sh = Fh - 59 \text{ mm}$	4 pcs	180-14-270-00		Alignment corner for M14000 sash profile	16 pcs
Interlocking profile height M14388	$Bh = Fh - 59 \text{ mm}$	2 pcs	180-19-000-01		Alignment Corner Inox Thin	16 pcs
Glass unit height	$Gh = Fh - 191.6 \text{ mm}$	2 pcs	660-09-233-00		Central seal 34,5mm (upper, lower)	2 pcs
			660-12-140-00		Inox railing guide	2 (Fw-76mm)
			620-69-107-03		Brush weatherstripping pile 6,9x7mm 4P	8(Sh+Sw)
Glass unit width	$Gw = Fw/2 - 121.7 \text{ mm}$		620-69-106-03		Brush weatherstripping pile 6,9x6mm 4P	2(Fh+Fw)
Fixed profile cuttings			200-08-005-01		Glazing Wedge EPDM Gasket 5mm Black	8(Sh+Sw)
Fixed Frame width M9423		2 pcs	660-62-521-03		External Sash Stopper RAL 9005	2 pcs
Fixed Frame height M9423		2 pcs	240-00-312-01		Frame guide M312 gasket	2Fw+ 4Fh
Glass Bead Width M9311	$GBw = Fhf - 68 \text{ mm}$	2 pcs	650-12-012-00		Shock absorber for M14000 sash	4 pcs
Glass Bead Height M9311	$GBh = Fhf - 111.6 \text{ mm}$	2 pcs	Accessory cuttings for fixed			
Glass unit height	$GHf = Fhf - 75.5 \text{ mm}$	1 pcs	140-00-219-00		Mechanical Corner Cleat at 14.7x27.1 mm	8 pcs
Glass unit width	$GWF = Fwf - 75.5 \text{ mm}$		180-19-000-01		Alignment Corner Inox Thin	12 pcs
			200-68-310-03		Glazing Gasket 3mm PVC BLACK	2(GHf+GWF)
			200-08-003-01		Glazing Wedge EPDM Gasket 3mm BLACK	2(GHf+GWF)

3

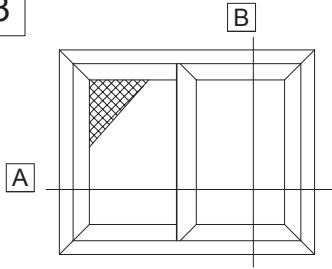


Rotate view 90°



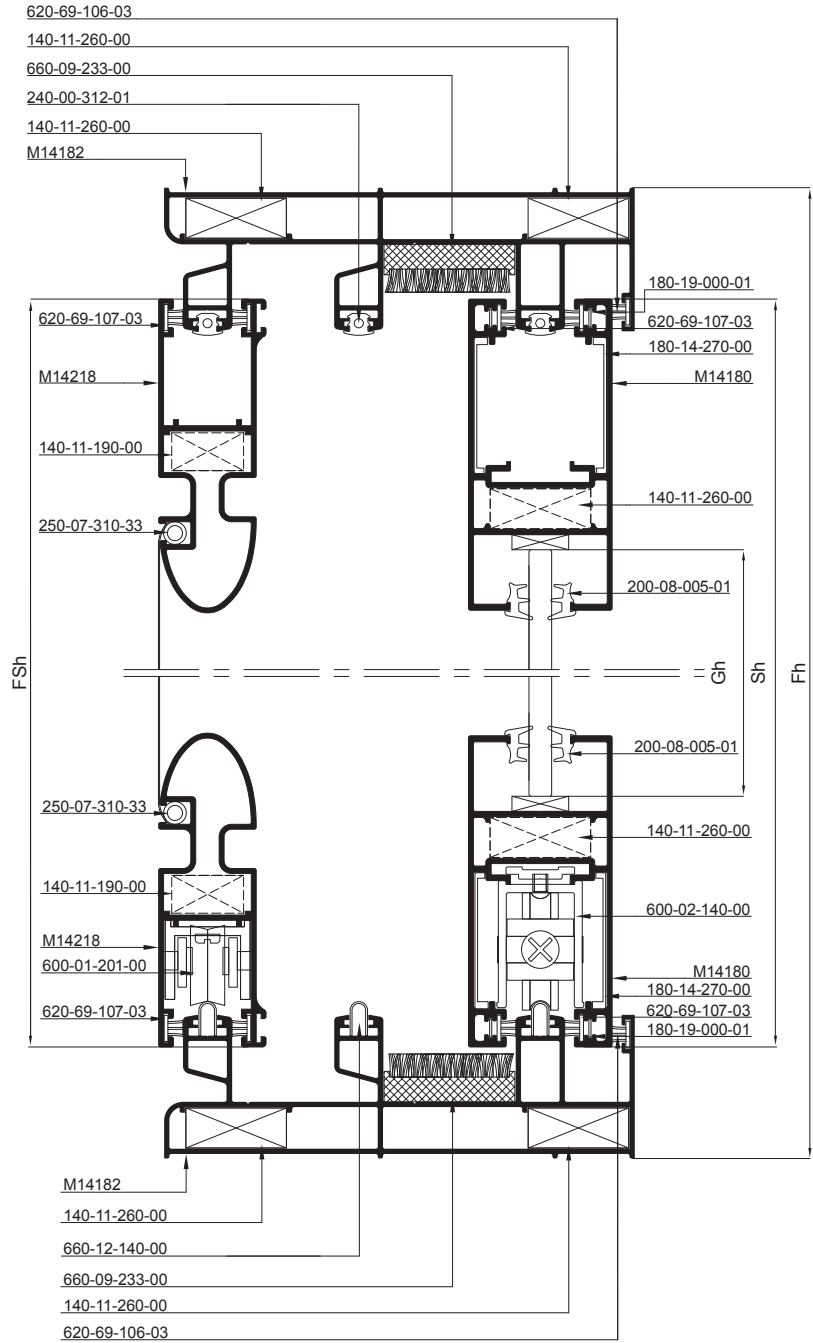
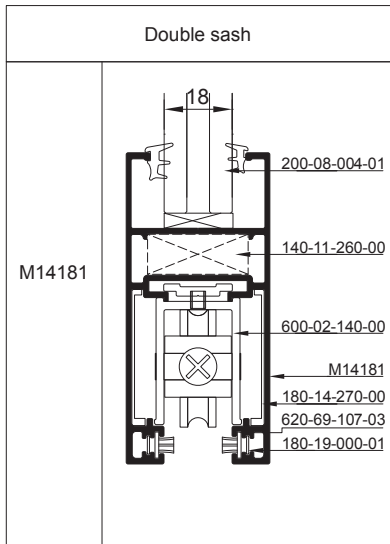
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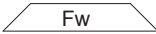

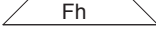


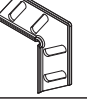











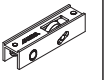


3

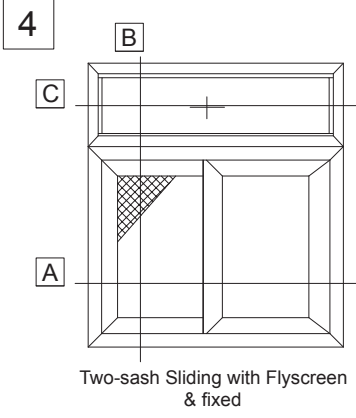


Two-sash Sliding with Fly screen

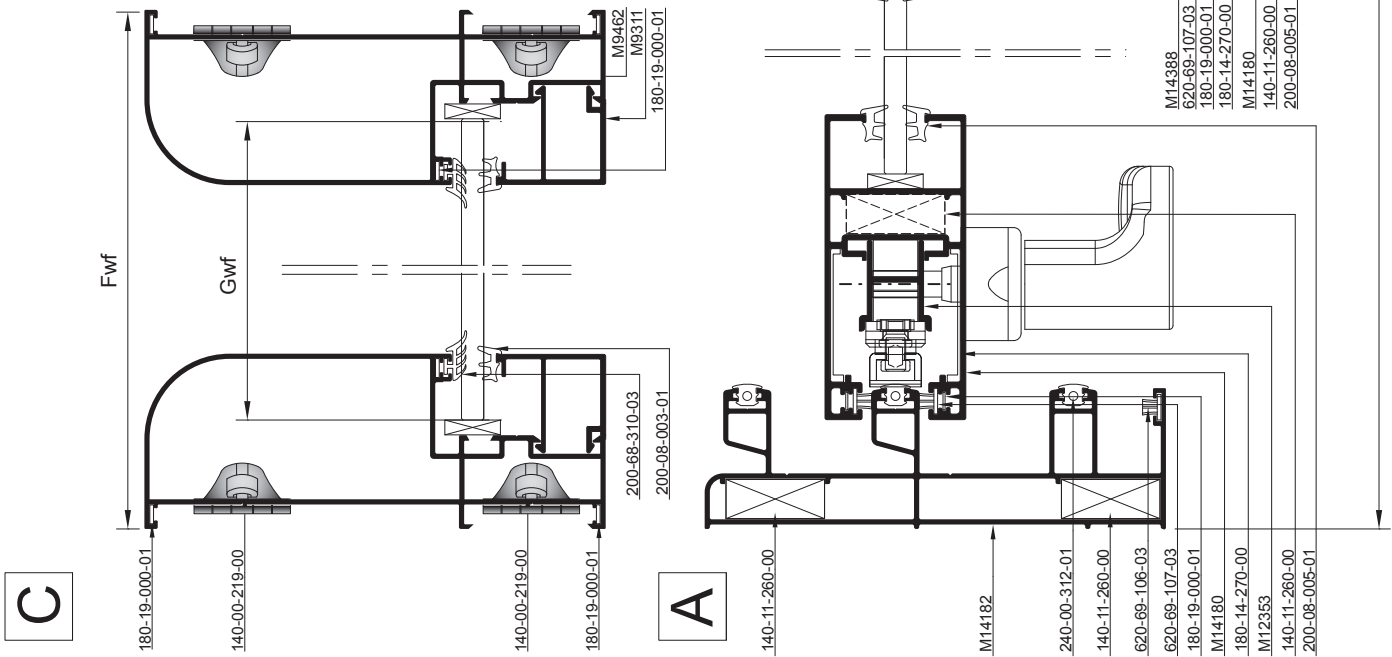
B



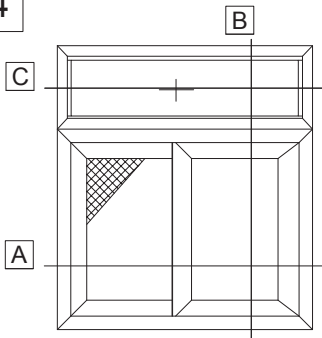
Profile cuttings			Accessory cuttings			
			Code	Accessory	Description	Quantity
Frame rail width M14182		2 pcs	140-11-260-00		Die casted corner cleat 10,6x26,2mm	16 pcs
Side frame rail height M14182		2 pcs	600-02-140-00		M14000 Roller	4 pcs
Sash width M14180	$Sw = Fw/2 + 10.9 \text{ mm}$	4 pcs	311-14-203-03		Interlocking profile M14388 end cap	2 set
Sash height M14180	$Sh = Fh - 59 \text{ mm}$	4 pcs	180-14-270-00		Alignment corner for M14000 sash profile	16 pcs
Interlocking profile height M14388	$Bh = Fh - 59 \text{ mm}$	2 pcs	180-19-000-01		Alignment Corner Inox Thin	16 pcs
Glass unit height	$Gh = Fh - 191.6 \text{ mm}$	2 pcs	660-09-233-00		Central seal 34,5mm (upper, lower)	2 pcs
Glass unit width	$Gw = Fw/2 - 121.7 \text{ mm}$		660-12-140-00		Inox railing guide	3(Fw-76mm)
Flyscreen profile cuttings			620-69-100-03		Brush Weatherstripping Pile 6.9*10 4P	2(Fsw+Fsh)
Flyscreen sash width M14218	$FSw = Fw/2 + 10.9 \text{ mm}$	2 pcs	620-69-107-03		Brush weatherstripping pile 6,9x7mm 4P	8(Sh+Sw) 4(Fsw+Fsh)
Flyscreen sash height M14218	$FSh = Fh - 59 \text{ mm}$	2 pcs	620-69-106-03		Brush weatherstripping pile 6,9x6mm 4P	2(Fh+Fw)
			200-08-005-01		Glazing Wedge EPDM Gasket 5mm Black	8(Sh+Sw)
			240-00-312-01		Frame guide M312 gasket	3Fw+ 6Fh
			660-62-521-03		External Sash Stopper RAL 9005	2 pcs
			650-12-012-00		Shock absorber for M14000 sash	4 pcs
Accessory cuttings For Flyscreen						
			140-11-190-00		Die Cast Corner Cleat 10.6x19mm	4 pcs
			600-01-201-00		Single Roller	2 pcs
			250-07-310-33		PVC Gasket for Fly-Screen 7,7mm PVC	2(Fsw+ Fsh)
			650-14-218-00		Shock Absorber for flyscreens	4 pcs



Rotate view 90°

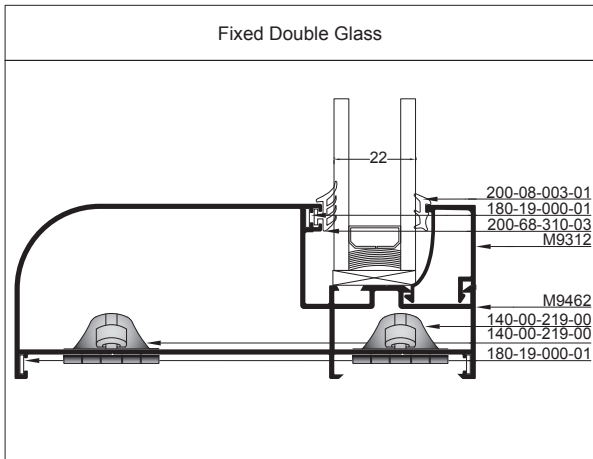
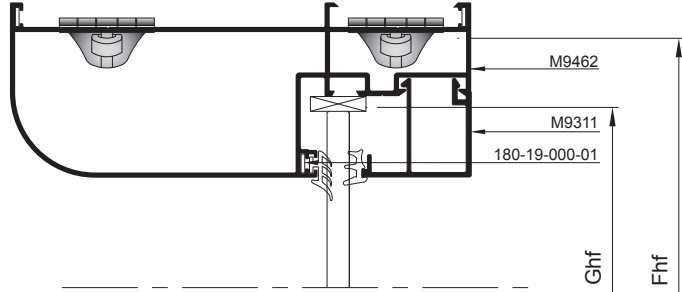


4

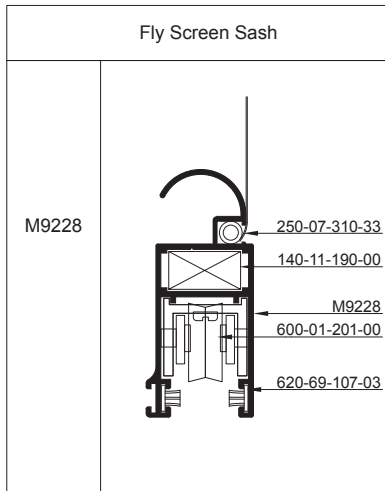
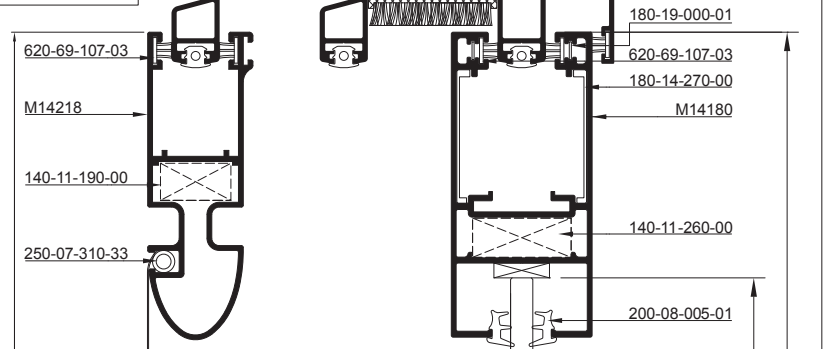
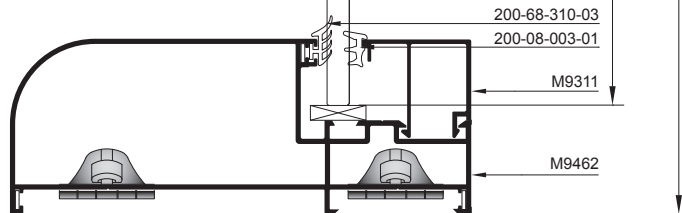


Two-sash Sliding with Flyscreen & fixed

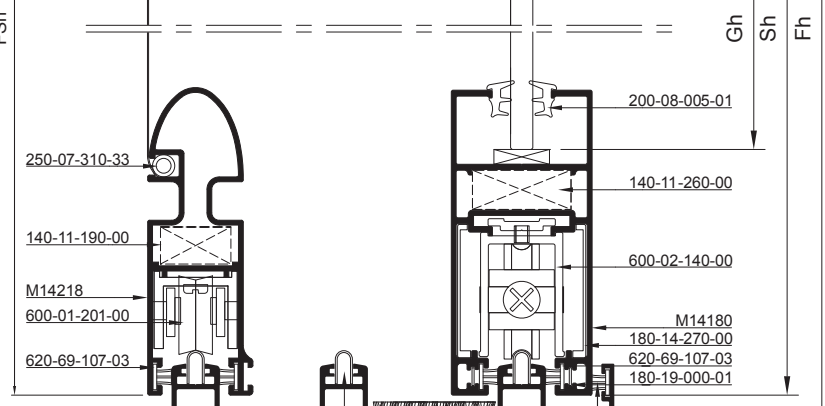
B



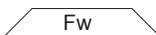

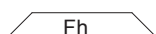

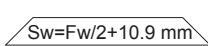

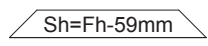

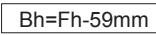

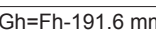

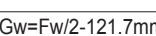


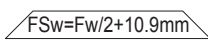

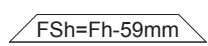


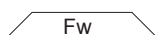

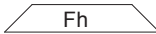

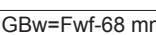

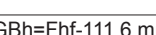
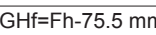

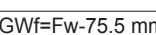







Fixed Double Glass



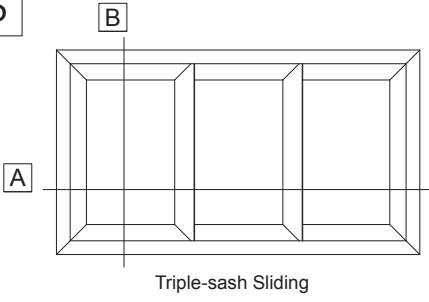
Fly Screen Sash



- M14182
- 140-11-260-00
- 660-12-140-00
- 660-09-233-00
- 140-11-260-00
- 620-69-106-03

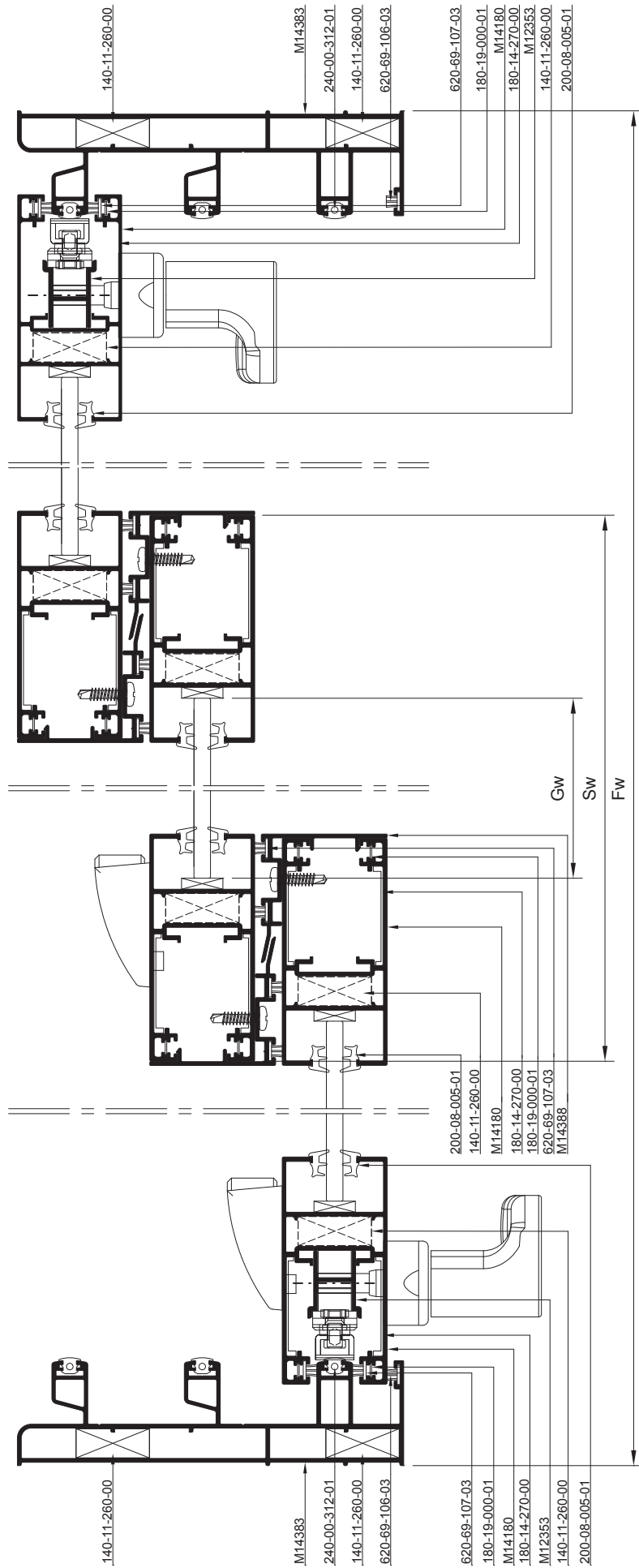
Profile cuttings			Accessory cuttings			
			Code	Accessory	Description	Quantity
Frame rail width M14182		2 pcs	140-11-260-00		Die casted corner cleat 10,6x26,2mm	16 pcs
Side frame rail height M14182		2 pcs	600-02-140-00		M14000 Roller	4 pcs
Sash width M14180		4 pcs	311-14-203-03		Interlocking profile M14388 end cap	2 set
Sash height M14180		4 pcs	180-14-270-00		Alignment corner for M14000 sash profile	16 pcs
Interlocking profile height M14388		2 pcs	180-19-000-01		Alignment Corner Inox Thin	16 pcs
Glass unit height		2 pcs	660-09-233-00		Central seal 34,5mm (upper, lower)	2 pcs
Glass unit width			660-12-140-00		Inox railing guide	3 (Fw-76mm)
Flyscreen profile cuttings			620-69-100-03		Brush Weatherstripping Pile 6.9*10 4P	2(Fsw+Fsh)
Flyscreen sash width M14218		2 pcs	620-69-107-03		Brush weatherstripping pile 6,9x7mm 4P	8(Sh+Sw) 4(Fsw+Fsh)
Flyscreen sash height M14218		2 pcs	620-69-106-03		Brush weatherstripping pile 6,9x6mm 4P	2(Fh+Fw)
Fixed profile cuttings			200-08-005-01		Glazing Wedge EPDM Gasket 3mm Black	8(Sh+Sw)
Fixed Frame width M9462		2 pcs	240-00-312-01		Frame guide M312 gasket	3Fw+ 6Fh
Fixed Frame height M9462		2 pcs	660-62-521-03		External Sash Stopper RAL 9005	2 pcs
Glass Bead Width M9311		2 pcs	650-12-012-00		Shock absorber for M14000 sash	4 pcs
Glass Bead Height M9311		2 pcs	Accessory cuttings for flyscreen			
Glass unit height		1 pcs	140-11-190-00		Die cast corner cleat 10,6x19mm	4 pcs
Glass unit width			600-01-201-00		Single Roller	2 pcs
			250-07-310-33		PVC Gasket for Fly-Screen 7,7mm PVC	2(Fsw+ Fsh)
			650-14-218-00		Shock absorber for flyscreens	4 pcs
			Accessory cuttings for fixed			
			140-00-219-00		MECHANICAL CORNER CLEAT AT 14,7x27,1mm	8 pcs
			180-19-000-01		ALIGNMENT CORNER INOX THIN	12 pcs
			200-68-310-03		GLAZING GASKET 3mm PVC BLACK	2Ghf+2Gwf
			200-08-003-01		Glazing Wedge EPDM Gasket 3mm Black	2Ghf+2Gwf

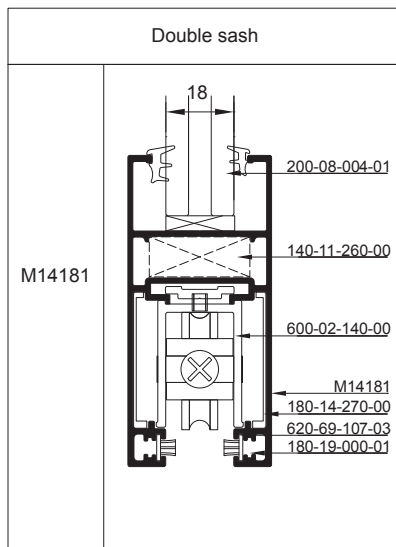
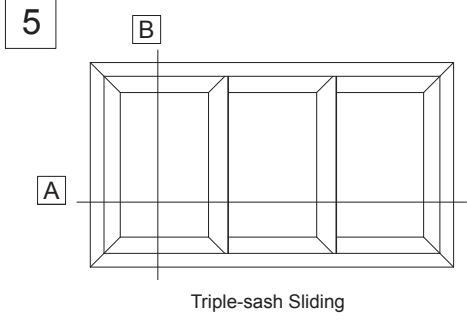
5



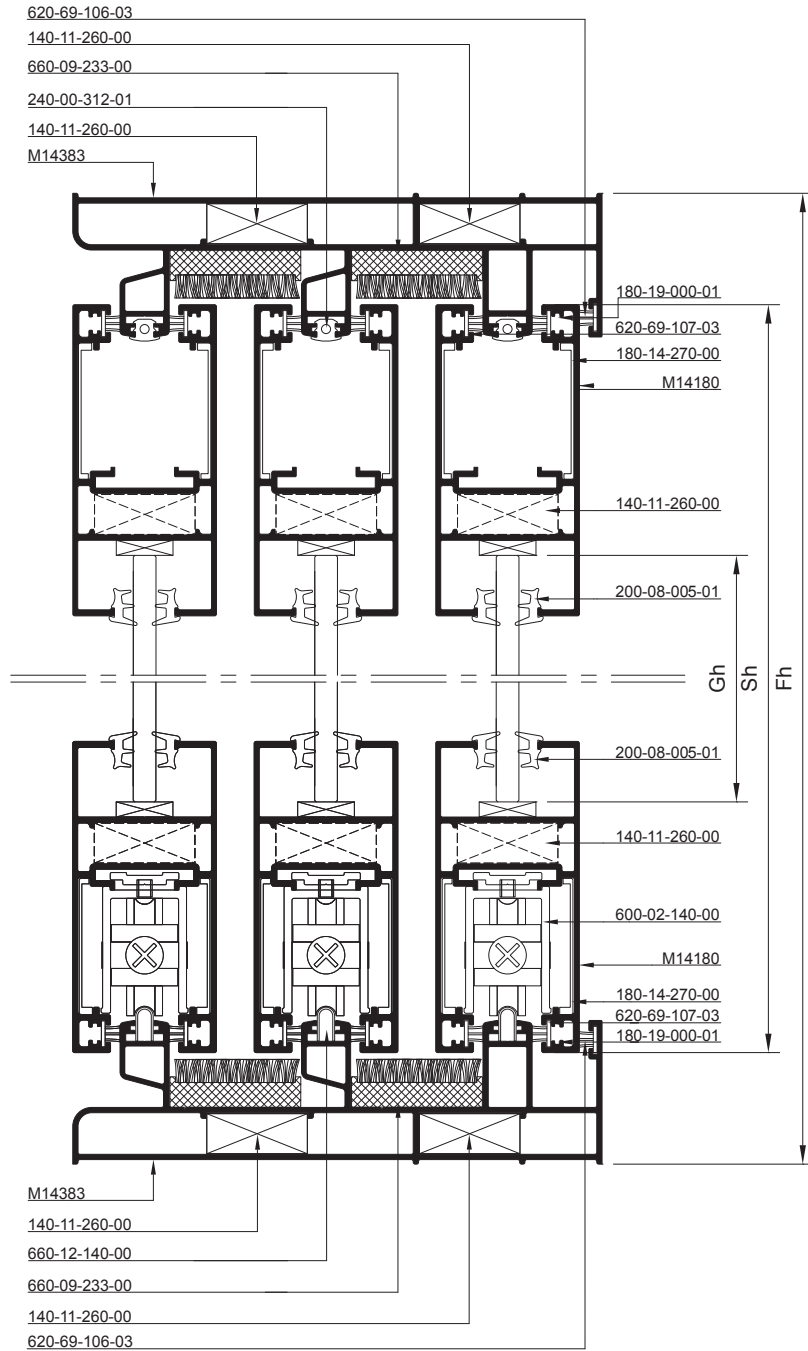
Rotate view 90°

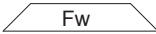

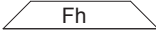

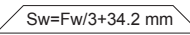


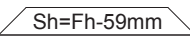

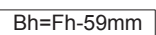

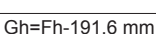


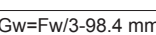





A



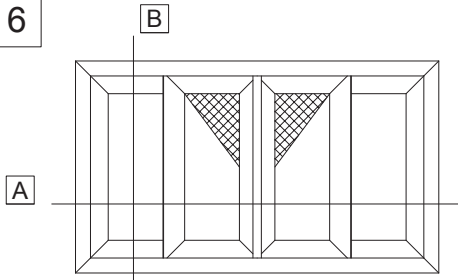


B



Profile cuttings			Accessory cuttings			
			Code	Accessory	Description	Quantity
Frame rail width M14383		2 pcs	140-11-260-00		Die casted corner cleat 10,6x26,2mm	20 pcs
Side frame rail height M14383		2 pcs	600-02-140-00		M14000 Roller	6 pcs
Sash width M14180		6 pcs	311-14-203-03		Interlocking profile M14388 end cap	4 set
			660-09-233-00		Central seal 34,5mm (upper, lower)	4 pcs
Sash height M14180		6 pcs	660-12-140-00		Inox railing guide	3 (Fw-76mm)
Interlocking profile height M14883		4 pcs	620-69-107-03		Brush weatherstripping pile 6,9x7mm 4P	12(Sh+Sw)
Glass unit height		3 pcs	620-69-106-03		Brush weatherstripping pile 6,9x6mm 4P	2(Fh+Fw)
			200-08-005-01		Glazing Wedge EPDM Gasket 5mm Black	12(Sh+Sw)
Glass unit width			180-14-270-00		Alignment corner for M14000 sash profile	24 pcs
			180-19-000-01		Alignment Corner Inox Thin	24 pcs
			240-00-312-01		Frame guide M312 gasket	3Fw+ 6Fh
			660-62-521-03		External Sash Stopper RAL 9005	4 pcs
			650-12-012-00		Shock absorber for M14000 sash	4 pcs

6

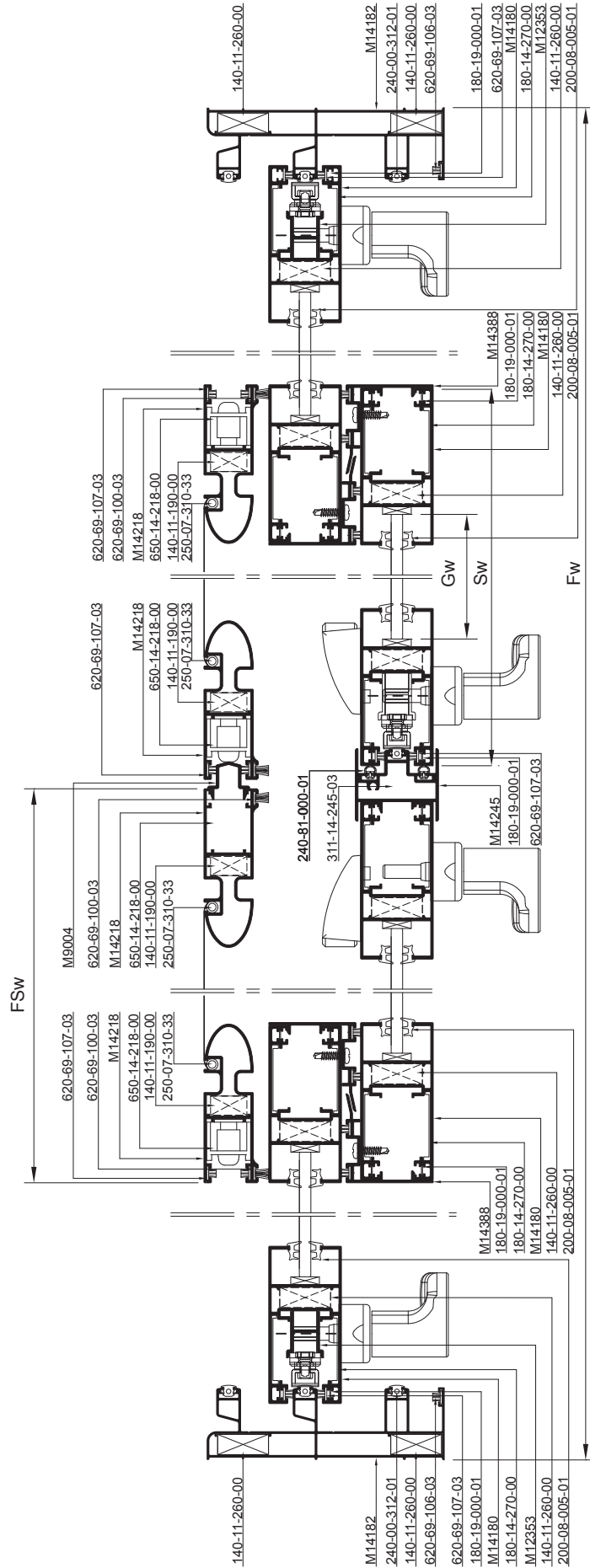


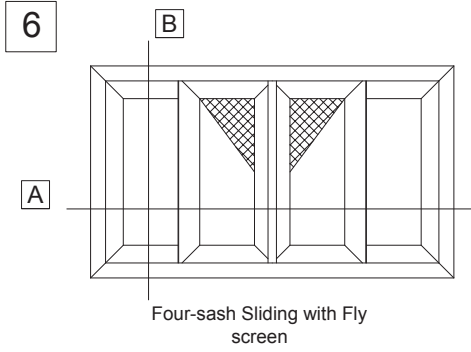
Four-sash Sliding with Fly screen



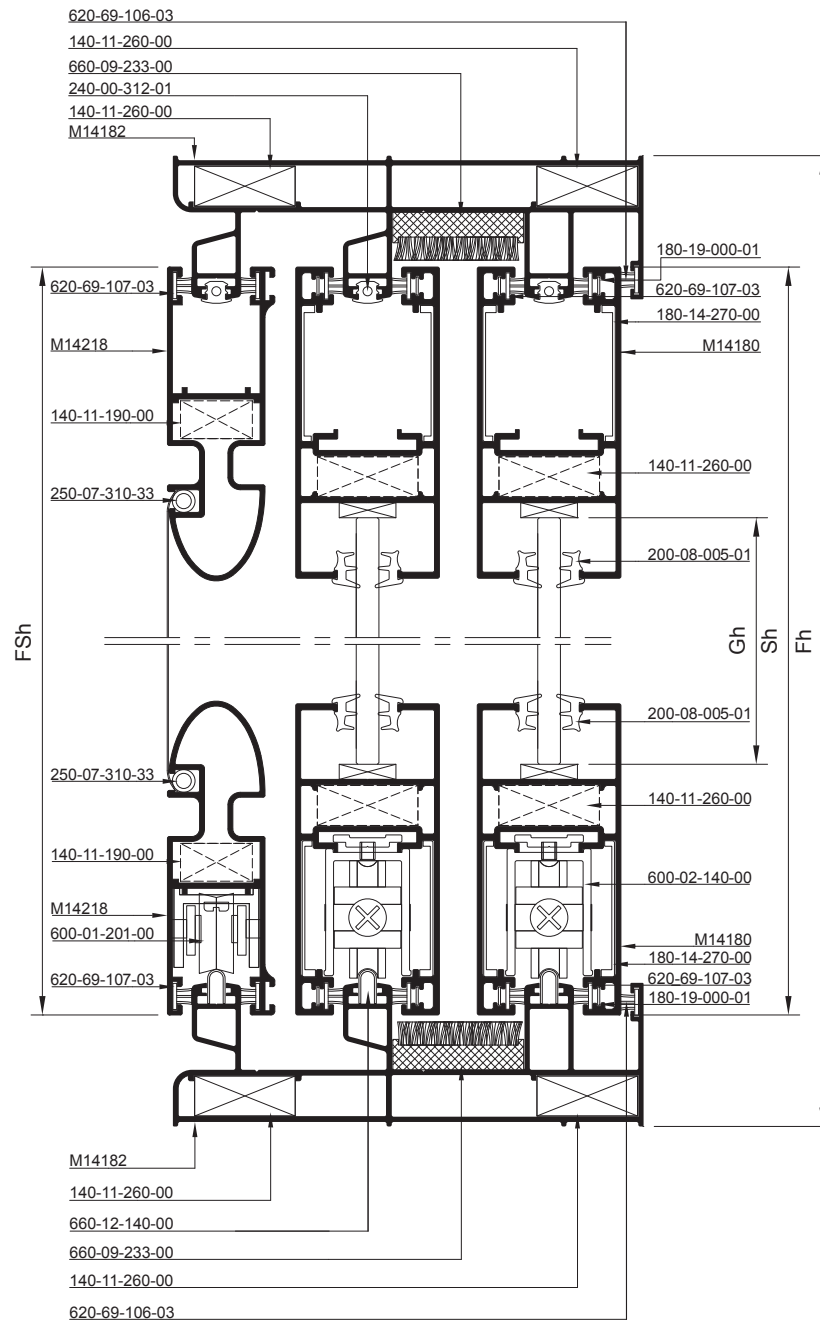
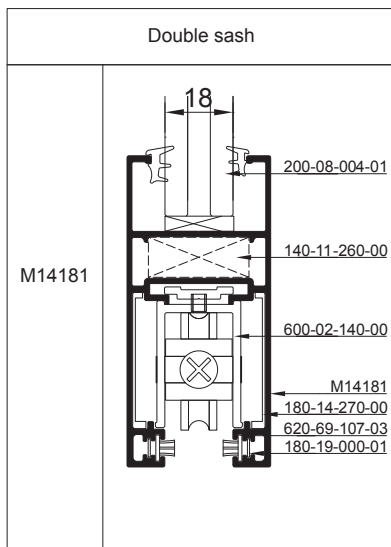
Rotate view 90°

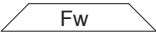


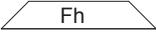


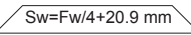


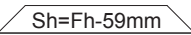


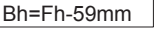


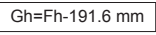


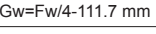


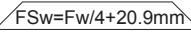


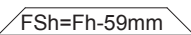




A





B



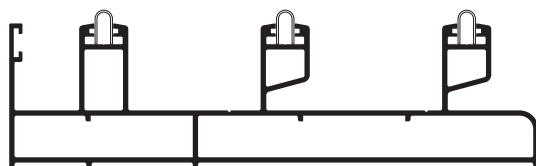
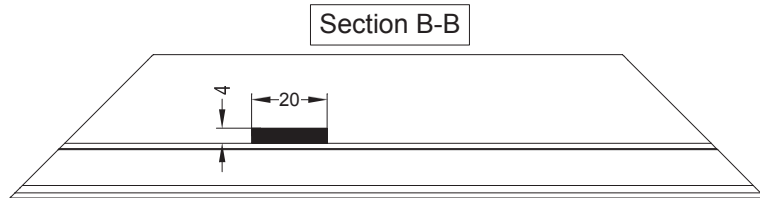
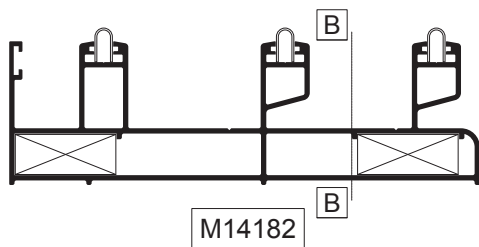
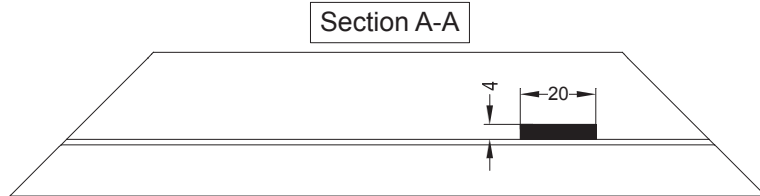
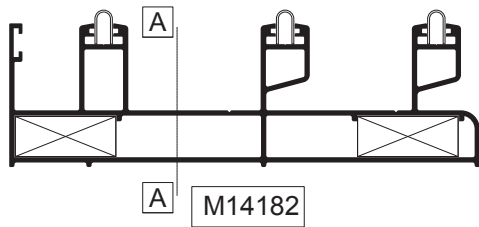
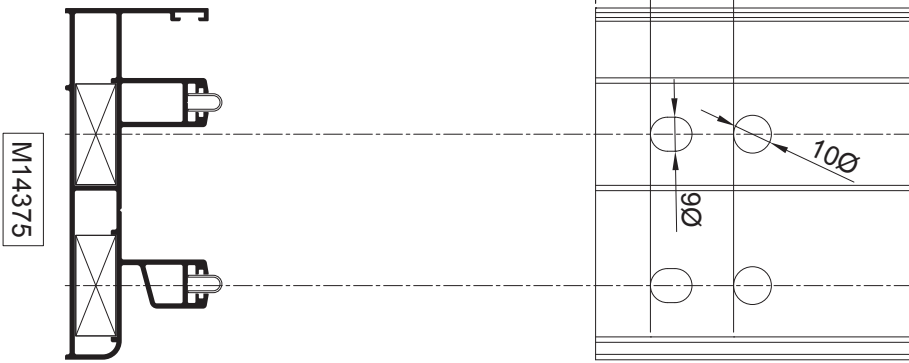
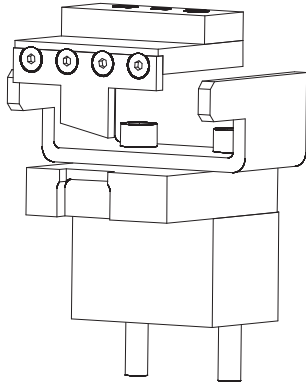
Profile cuttings			Accessory cuttings			
			Code	Accessory	Description	Quantity
Frame rail width M14182		2 pcs	140-11-260-00		Die casted corner cleat 10,6x26,2mm	24 pcs
			600-02-140-00		M14000 Roller	8 pcs
Side frame rail height M14182		2 pcs	311-14-203-03		Interlocking profile M14388 end cap	4 set
			311-14-245-03		Adjoining Profile M14245 End Cap	1 pair
Sash width M14180		8 pcs	180-14-270-00		Alignment corner for M14000 sash profile	32 pcs
			180-19-000-01		Alignment Corner Inox Thin	32 pcs
Sash height M14180		8 pcs	660-09-233-00		Central seal 34,5mm (upper, lower)	4 pcs
			660-12-140-00		Inox railing guide	3 (Fw-76mm)
Interlocking profile height M14388		4 pcs	620-69-100-03		Brush Weatherstripping Pile 6.9*10 4P	8(Fsw+Fsh)
			620-69-107-03		Brush weatherstripping pile 6,9x7mm 4P	16(Sh+Sw) 8(FSh+FSw)
Glass unit height		4 pcs	620-69-106-03		Brush weatherstripping pile 6,9x6mm 4P	2(Fh+Fw)
			200-08-005-01		Glazing Wedge EPDM Gasket 5mm Black	16(Sh+Sw)
Glass unit width		4 pcs	240-00-312-01		Frame guide M312 gasket	3Fw+ 6Fh
			660-62-521-03		External Sash Stopper RAL 9005	4 pcs
Flyscreen profile cuttings			Accessory cutting For Flyscreen			
Flyscreen sash width 14218		4 pcs	650-12-012-00		Shock absorber for M14000 sash	6 pcs
			140-11-190-00		Die Cast Corner Cleat 10.6x19mm	8 pcs
Flyscreen sash height 14218		4 pcs	600-01-201-00		Single Roller	4 pcs
			250-07-310-33		PVC Gasket for Fly-Screen 7,7mm PVC	2(Fsw+ Fsh)
			650-14-218-00		Shock Absorber for flyscreens	6 pcs
			311-00-015-03		END CAP FOR ADJOINING PROFILE FOR M9004 BLACK	2 pcs



General Milling - Tooling Operations

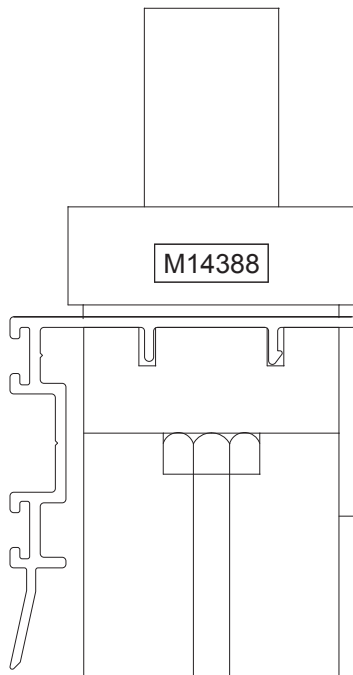
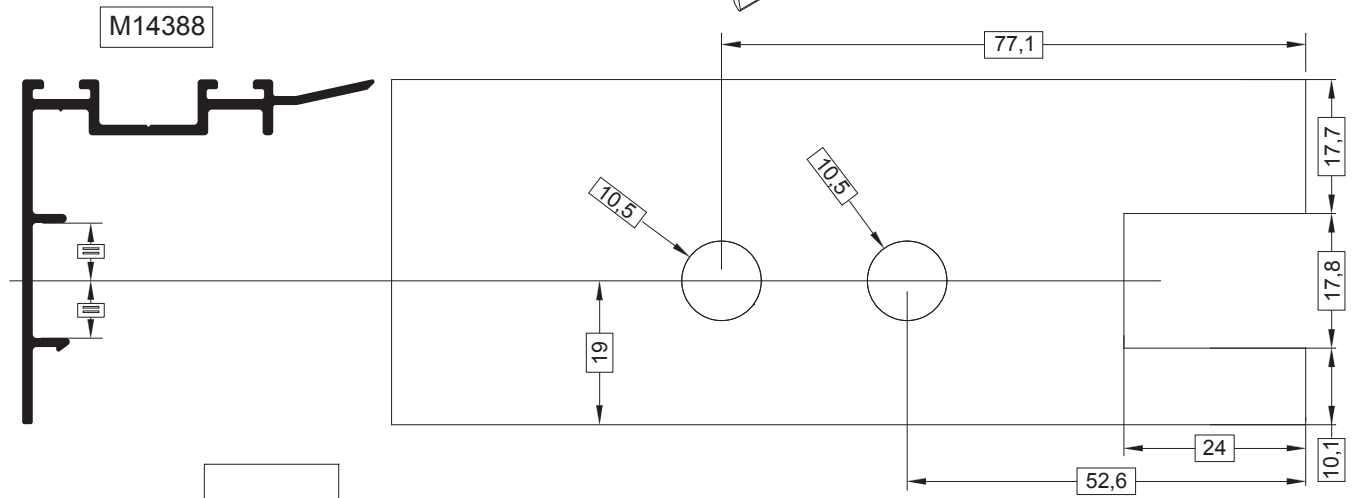
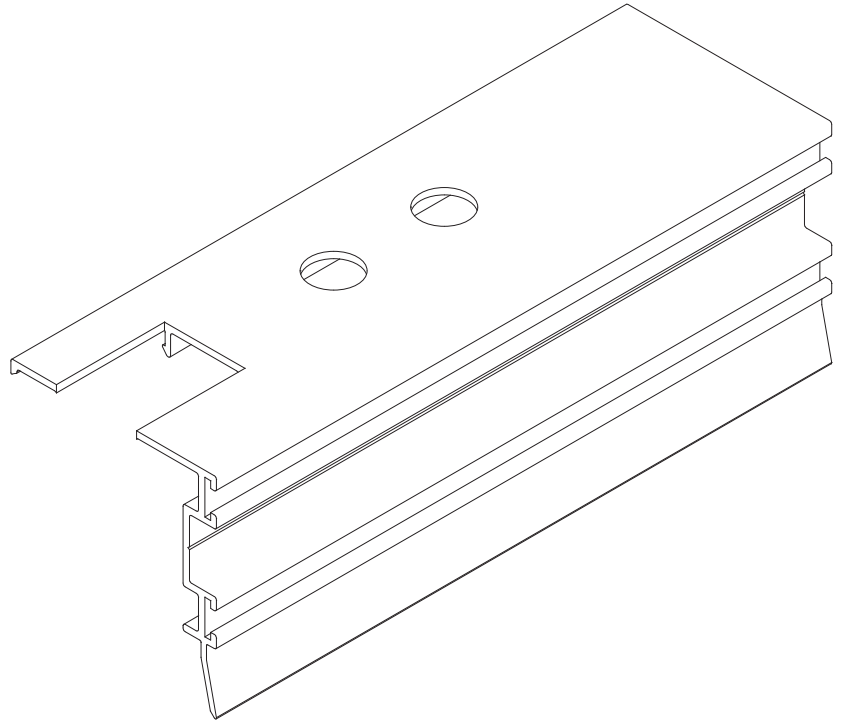
Weep hole machining

935-000-00-24



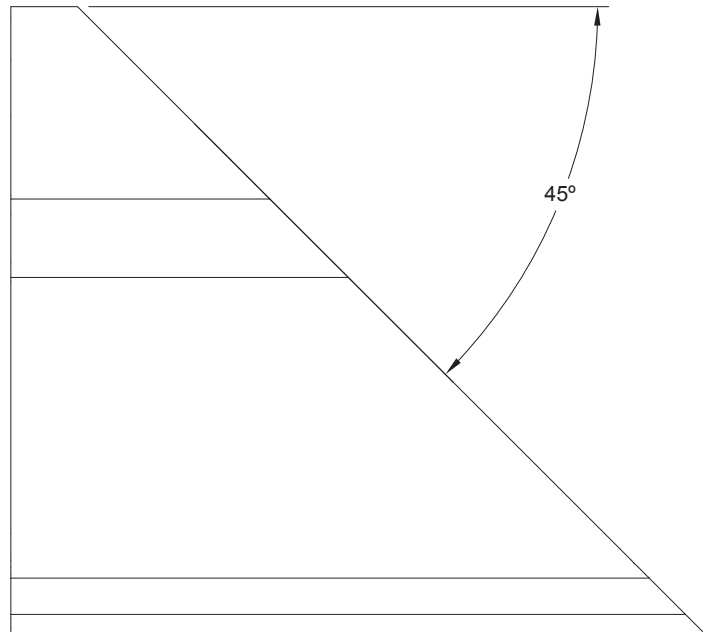
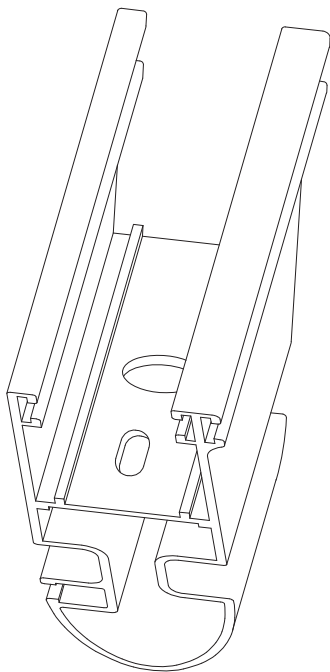
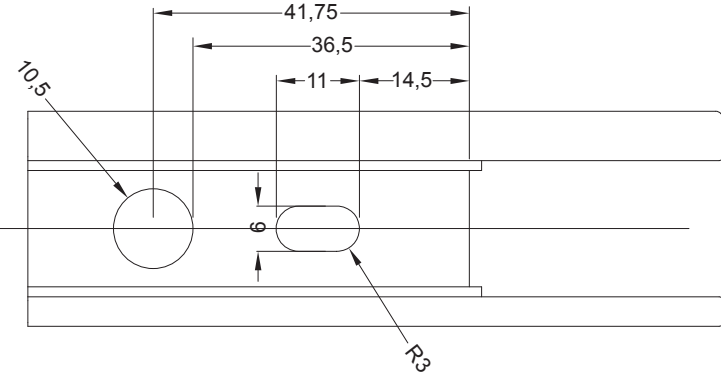
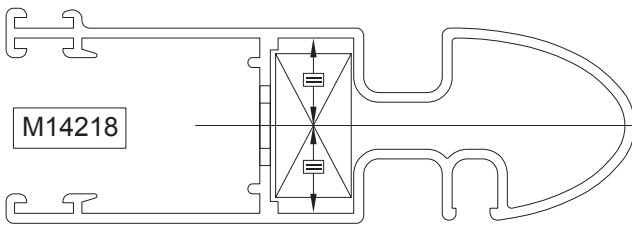
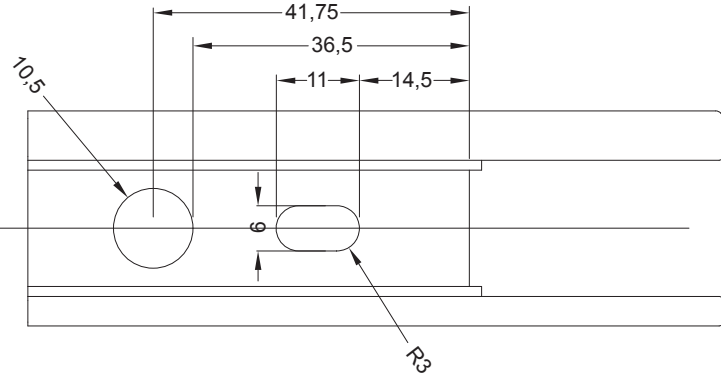
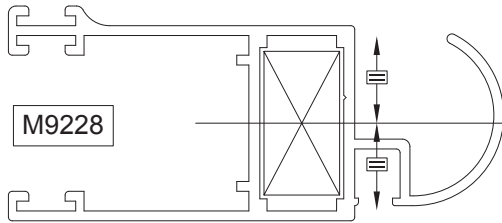
M14383

Weathering profile machining

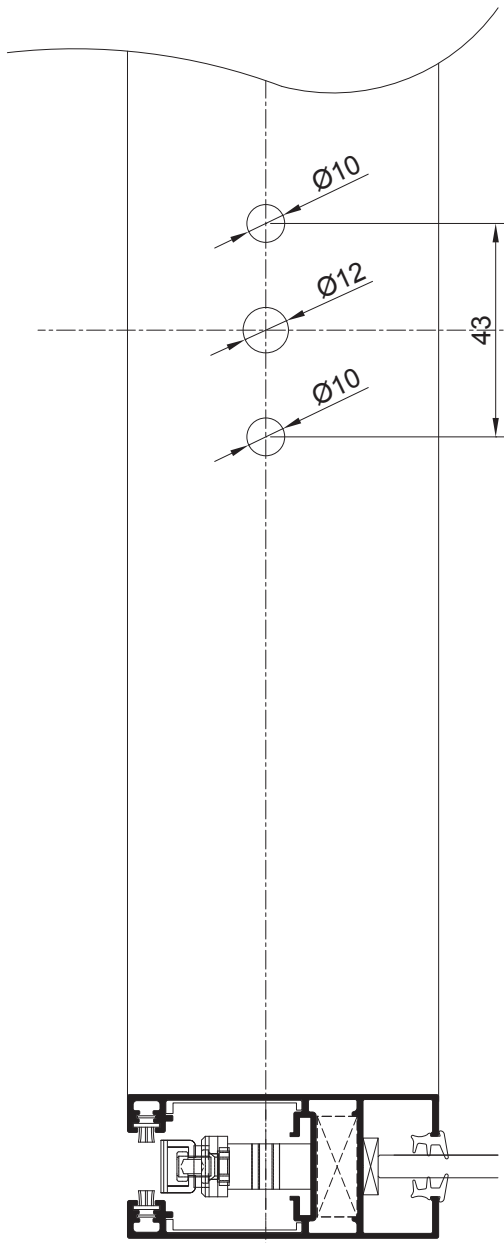
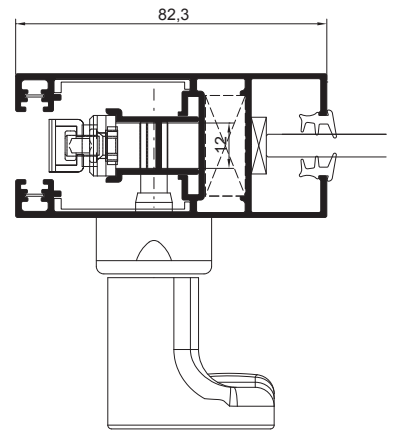
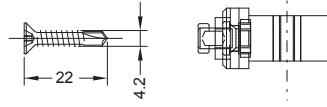
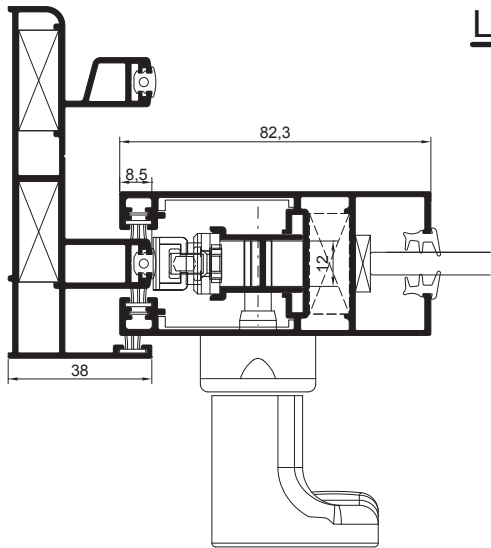


Spring cleat machining

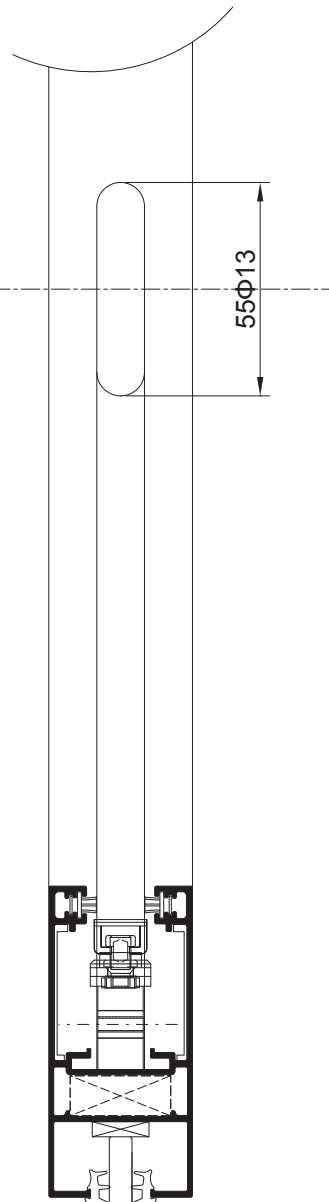
935-000-00-24



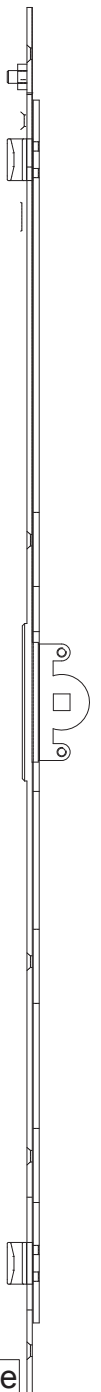
LOCK SCREWING ON THE ADDITIONAL ACCESSORY



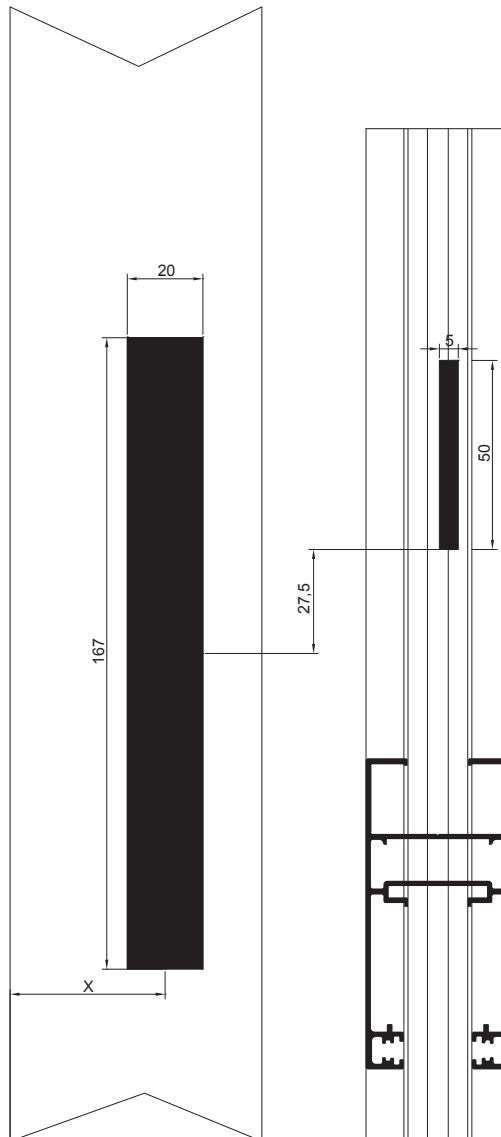
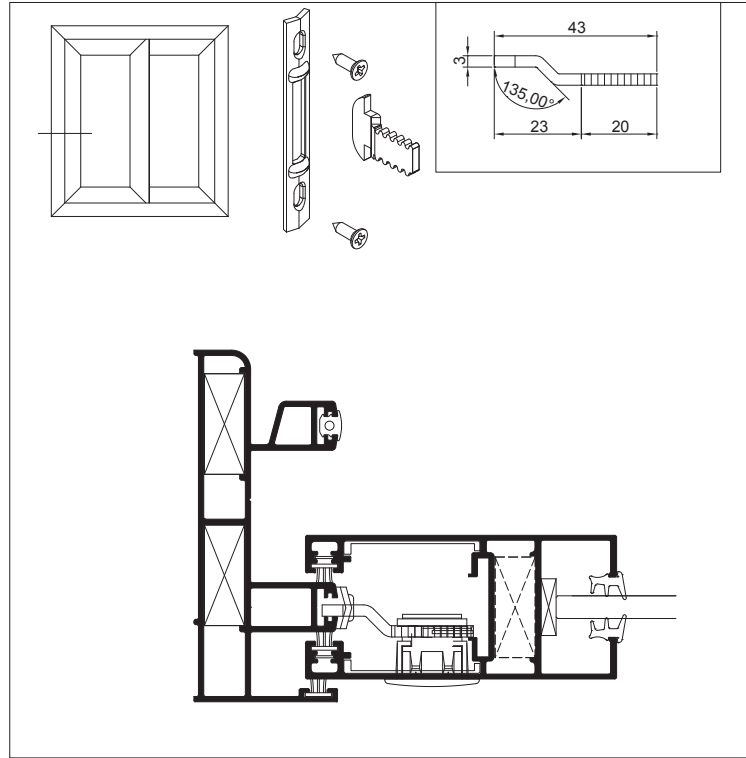
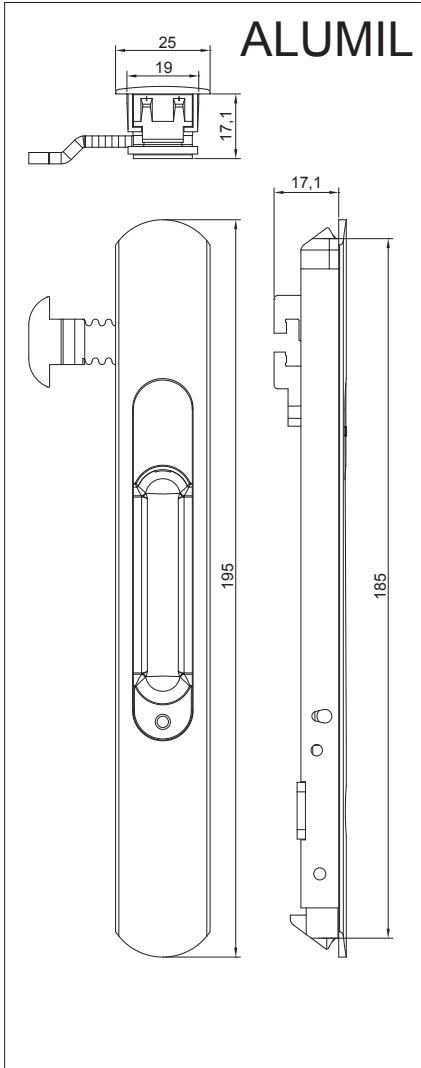
Machining for handle



Machining for locks



Free Scale



A decorative graphic consisting of two overlapping diagonal bands. The upper band is a light gray color and the lower band is a darker gray color. They intersect in the middle of the page, creating a dark gray diamond shape.

Accessories - Gaskets

140-00-219-00

Aluminium Pieces



Mechanical corner cleat at
14,7x27,1mm

140-11-260-00

Cast aluminium Pieces



Die casted corner cleat 10,6x26,2mm

140-11-190-00

Cast aluminium Pieces



Die casted corner cleat 10,6x19mm

180-14-270-00

Polyamide Pieces



Alignment corner for M14000 sash profile

180-19-000-01

Polyamide Pieces



Alignment Corner Inox Thin

311-00-015-03

Polyamide Pieces



END CAP FOR ADJOINING PROFILE
FOR M9004 BLACK

311-14-203-XX

Polyamide Pair

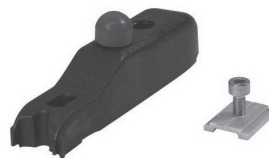


XX
02 - White
03 - Black

Adjoining profile M14000 end cap

650-12-012-00

Polyamide Pieces



Shock absorber for M14000 sash

311-14-245-03

Polyamide Pieces



Adjoining profile M14245 end cap

660-09-233-00

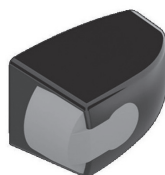
Pieces



Central seal Polyamide (upper,lower)

660-62-521-03

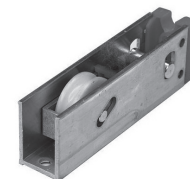
Polyamide Pieces



External Stopper RAL 9005

600-01-140-00

Aluminium
Polyamide Pieces



Roller aluminium Single M14000

600-02-140-00

Aluminium
Polyamide

Pieces



Roller aluminium double M14000

600-01-201-00

Aluminium
Polyamide

Pieces



Single Roller φ22

660-12-140-00

Stainless steel

Meters



Inox railing guide

200-04-0XX-01

EPDM

Meters



XX
23 - 3 mm
45 - 4 mm
67 - 5 mm

Glazing gasket EPDM black

200-08-0XX-01

EPDM

Meters



XX
03 - 3 mm
04 - 4 mm
05 - 5 mm
06 - 6 mm
07 - 7 mm
08 - 8 mm

Glazing gasket EPDM black

200-68-310-03

EPDM

Meters



Glazing gasket 3MM EPDM black

240-00-312-01

EPDM

Meters

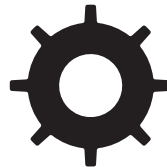


Frame guide M312 gasket

250-07-310-33

EPDM

Meters



Gasket for Fly-Screen 7,7mm PVC

240-81-000-01

EPDM

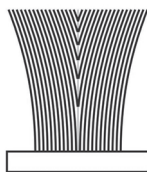
Meter



Meeting stiling gasket M14000 EPDM black

620-69-1XX-03

Meters



XX
06 - 6 mm
07 - 7 mm
00 - 10 mm

Brush weatherstripping pile 6,9 4P

380-00-976-XX

Pieces



XX
33 - Silver
61 - Black
67 - Titanium

WINDOW HANDLE FULL COVER
ALUMIL PIN35mm

380-54-203-XX

Pieces



XX
33 - Silver
61 - Black
67 - Titanium

FLUSH HANDLE FOR SLIDING WINDOW
WITH PSK

380-90-725-XX

Pieces



XX
02 - White
33 - Silver
61 - Black

WINDOW STANDARD HANDLE SECUSTIC
ALUMIL PIN25mm

380-90-738-XX

Pieces



XX
02 - White
33 - Silver
42 - Crem 1013
61 - Black

WINDOW STANDARD HANDLE SECUSTIC
ALUMIL PIN38mm

380-91-738-XX

Pieces



XX
02 - White
61 - Black
67 - Titanium

WINDOW HANDLE 177mm SECUCTIC
ALUMIL PIN38mm

380-95-738-XX

Pieces



XX
02 - White
33 - Silver
61 - Black

CRANKED HANDLE FACADE/SLIDING
ALUMIL LEFT

380-96-738-XX

Pieces



XX
02 - White
33 - Silver
61 - Black

CRANKED HANDLE FACADE/SLIDING
ALUMIL RIGHT

610-24-570-XX

Pieces



XX
02 - White
03 - Black

CLIPPED METAL FLUSH HANDLE FOR
SLIDING DOORS ALUMIL

630-22-580-00

Pieces



ALUMIL SLIDING LOCKING KIT
FOR 38mm SASHES

630-24-560-XX

Pieces



XX
02 - White
03 - Black
05 - Crem 1013
09 - Silver

ALUMIL SLIDING LOCK

630-24-980-XX

Pieces



XX
02 - White
61 - Black

ALUMIL SLIDING LOCK WITH KEY

416-10-000-00

Pieces



SLIDING LOCK 1 POINT
COMBI 120 mm BS15

416-64-006-00

Pieces



SLIDING LOCK 2 POINTS
COMBI 600 mm BS15

440-41-641-00

Pieces



SLIDING LOCK 2
POINTS 1600 mm BS15

630-95-410-00

Pieces



SLIDING LOCK 2 POINTS 1000 mm BS15

630-18-196-01

Pieces



SLIDING LOCK EXTRAANTILIFT STRIKER

630-40-643-01

Pieces



SLIDING LOCK STRIKER
SILVER CONE BACK

650-14-218-00

Polyamide

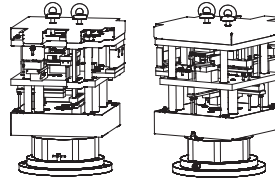
Pieces



Shock absorber for flyscreens

935-00-000-24

Pieces



PNEUMATIC PUNCHING
MACHINE FOR M14000



ALUMIL MISR

CAIRO SHOWROOM:

104 OMAR IBN EL KHATTAB ST.,
ALMAZA, HELIOPOLIS

TEL: +2 02 26910593 | Fax: +2 02 26910594

ALEXANDRIA SHOWROOM:

373 EL GAISH ROAD, GLEEM, ALEXANDRIA
TEL: +2 03 5858776

www.alumil.com

