



M9800

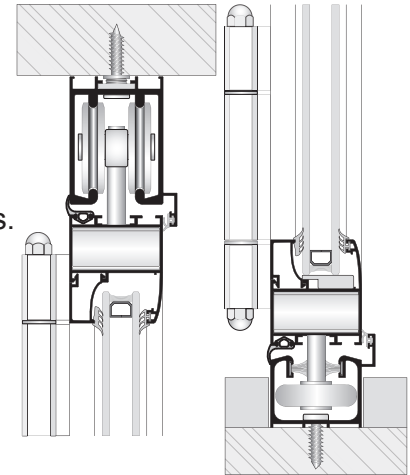
Accordion

M9800 Accordion

Product line for accordion doors, distinguished by its low accessories' cost and its fast and easy fabrication methodology

Basic characteristics:

- √ 50 mm sash width.
- √ Combination of Teflon sliding roller and sash-connecting hinge into a single accessory, able to support 250 kg (125 kg per sash).
- √ Sealing with both EPDM gaskets and high-density brushes.
- √ Low threshold for comfortable access and passage.
- √ Availability of locking door construction, opening inwards or outwards.
- √ Supports constructions with theoretically infinite sashes, surpassing restrictions that were present in accordion doors with traditional external mechanisms (i.e. short external guides, substantial cost increase for every extra sash, etc).
- √ Includes special leveling profiles, which adjust the construction to the walls' slope.
- √ Supports single, double or triple glazing, from 24 up to 32 mm.



TECHNICAL SPECIFICATIONS OF PROFILES	
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 – 1,8 mm
Profile Geometry Control	EN DIN 12020-2 Compliant

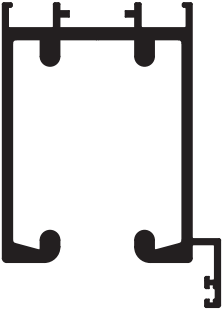
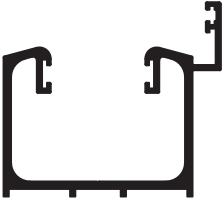

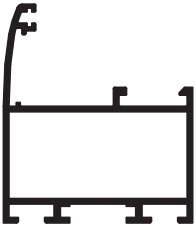
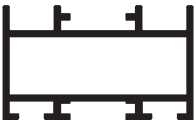
TECHNICAL SPECIFICATIONS OF SYSTEM TYPOLOGIES	
Sash width	50 mm
Glazing supported	Single, double or triple, from 24 up to 32 mm.
Maximum glazing weight	250 Kg per roller (-hinge) thus 125 Kg per sash
Sealing	Two level sealing, using two rows of EPDM gaskets and/or high-density brushes

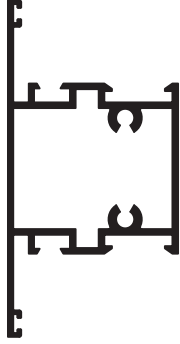
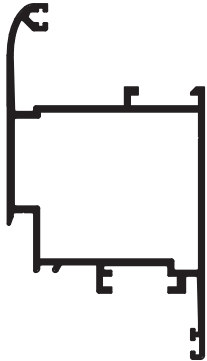






Construction options:

- √ Accordion doors, starting from at least three, and ending to a theoretically infinite number of sashes.
- √ Option of both symmetrical and asymmetrical construction, limited only by an odd number of sashes in each folding side.
- √ Option of installing "tilt-and-turn" sashes on the folding ones.
- √ Availability of constructing sash partitions, using a "T" profile in the folding sashes.
- √ Availability of shutter construction.

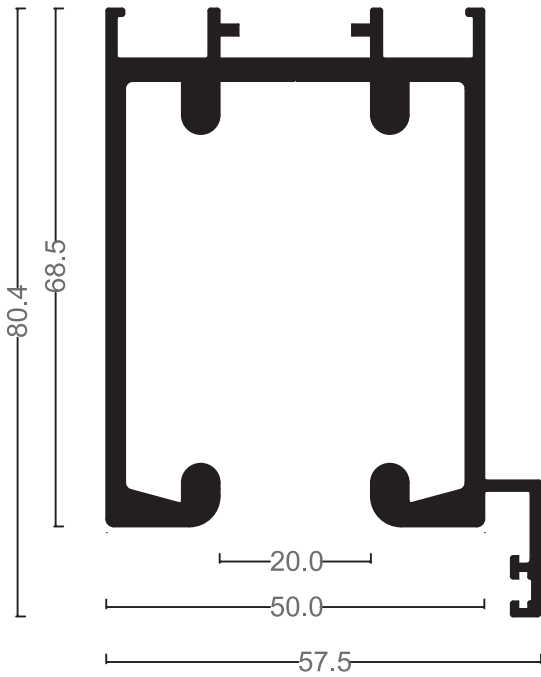
Certifications:

- √ 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.

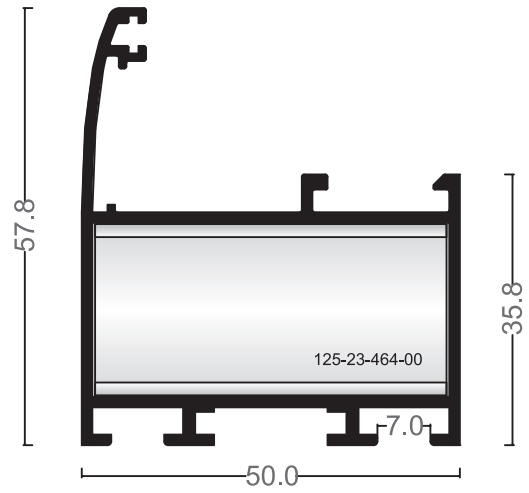
PROFILE	Profile No Weight (gr/m)	X mm Y mm
	M 9838 1971	57.50 80.40
	M 9811 1045	57.50 51.40
	M 9847 1291	74.00 21.00
	M 9834 905	50.00 57.80
	M 9833 770	50.00 30.00

PROFILE	Profile No Weight (gr/m)	X mm Y mm
	M 9308 1165	45.00 89.00
	M 9574 1199	52.00 93.90
	M9805 227	22.30 21.80
	M 9112 233	19.40 25.80
	M9312 266	19.35 26.50
	M9311 303	29.50 26.60
	M 9508 274	25.50 26.61
	M 9806 249	15.00 10.60

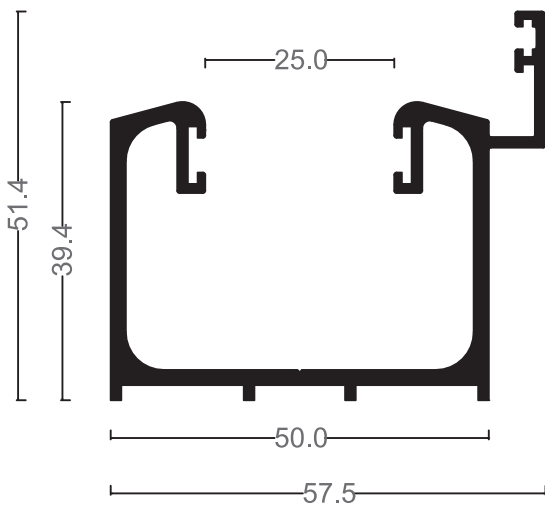
M 9838 **UPPER DRIVER**
W = 1971 gr/m



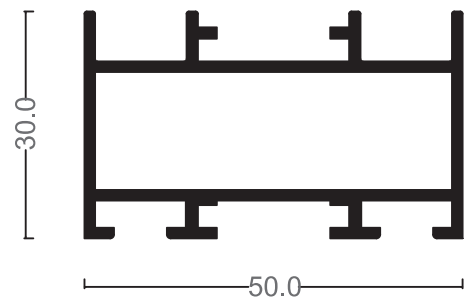
M 9834 **SASH ROUND**
W = 905 gr/m



M 9811 **LOWER DRIVER (LARGE)**
W = 1045 gr/m

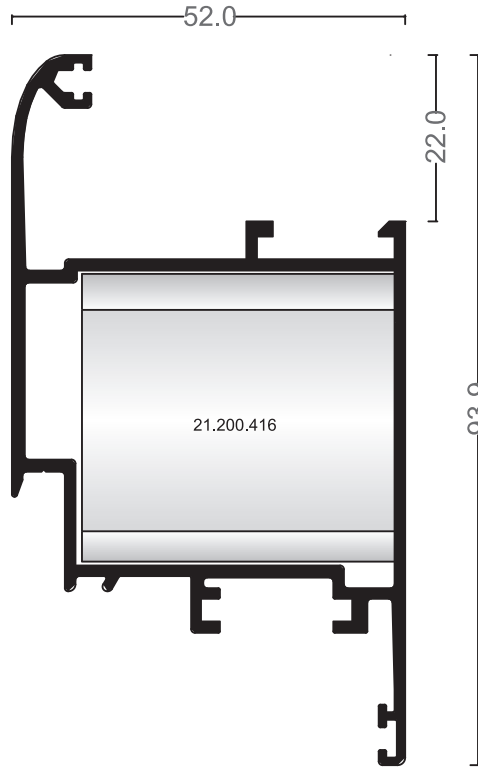


M 9833 **VERTICAL FRAME**
W = 770 gr/m

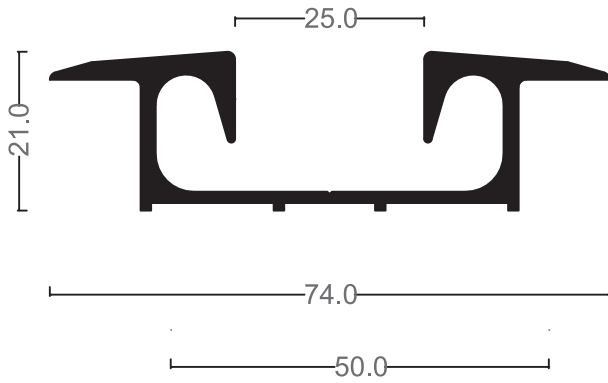


M 9574
W = 1199 gr/m

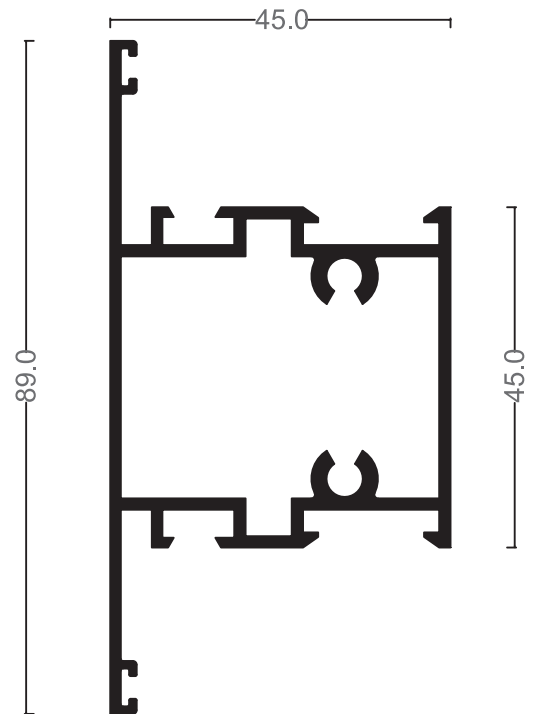
INTERNAL SASH ROUND



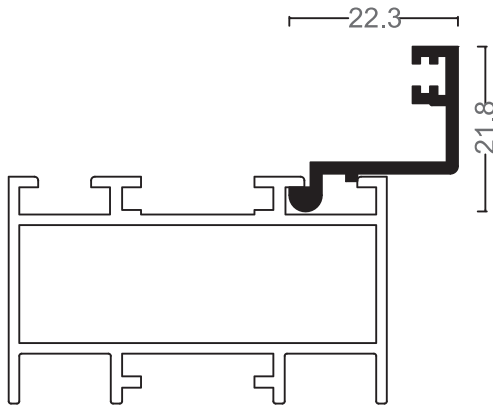
M 9847 LOWER DRIVER (SMALL)
W = 1291 gr/m



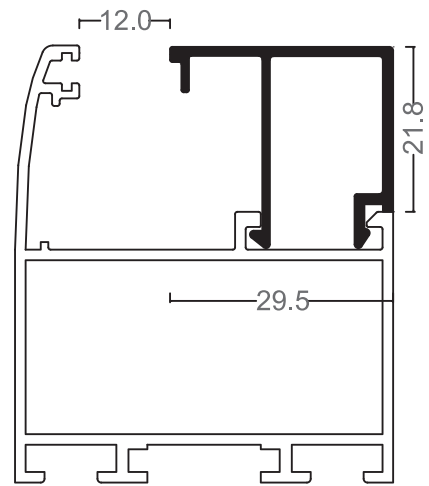
M 9308 " T " PROFILE
W = 1165 gr/m



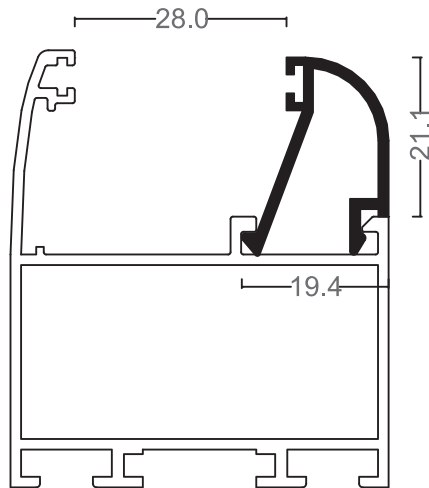
M 9805 CAP WATER-PROOFING
W = 227 gr/m



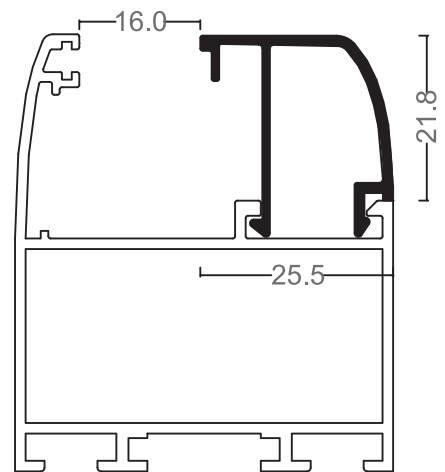
M 9311 GLASS HOLDER SINGLE GLAZING
W = 303 gr/m



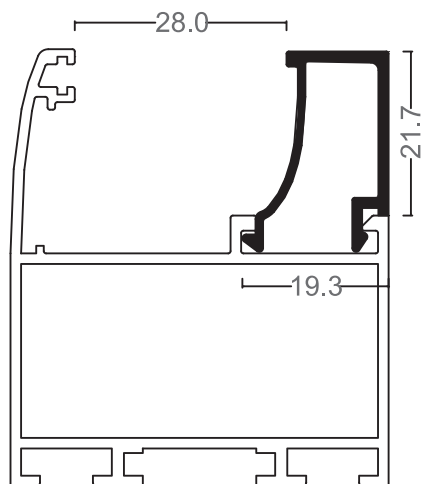
M 9112 GLASS HOLDER DOUBLE GLAZING
W = 233 gr/m



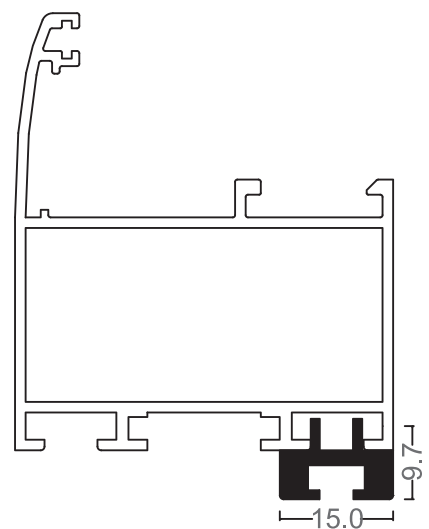
M 9508 GLASS HOLDER SINGLE GLAZING
W = 274 gr/m

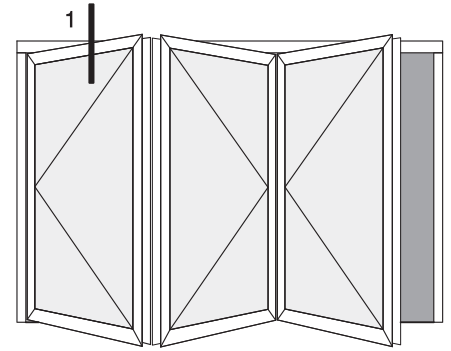
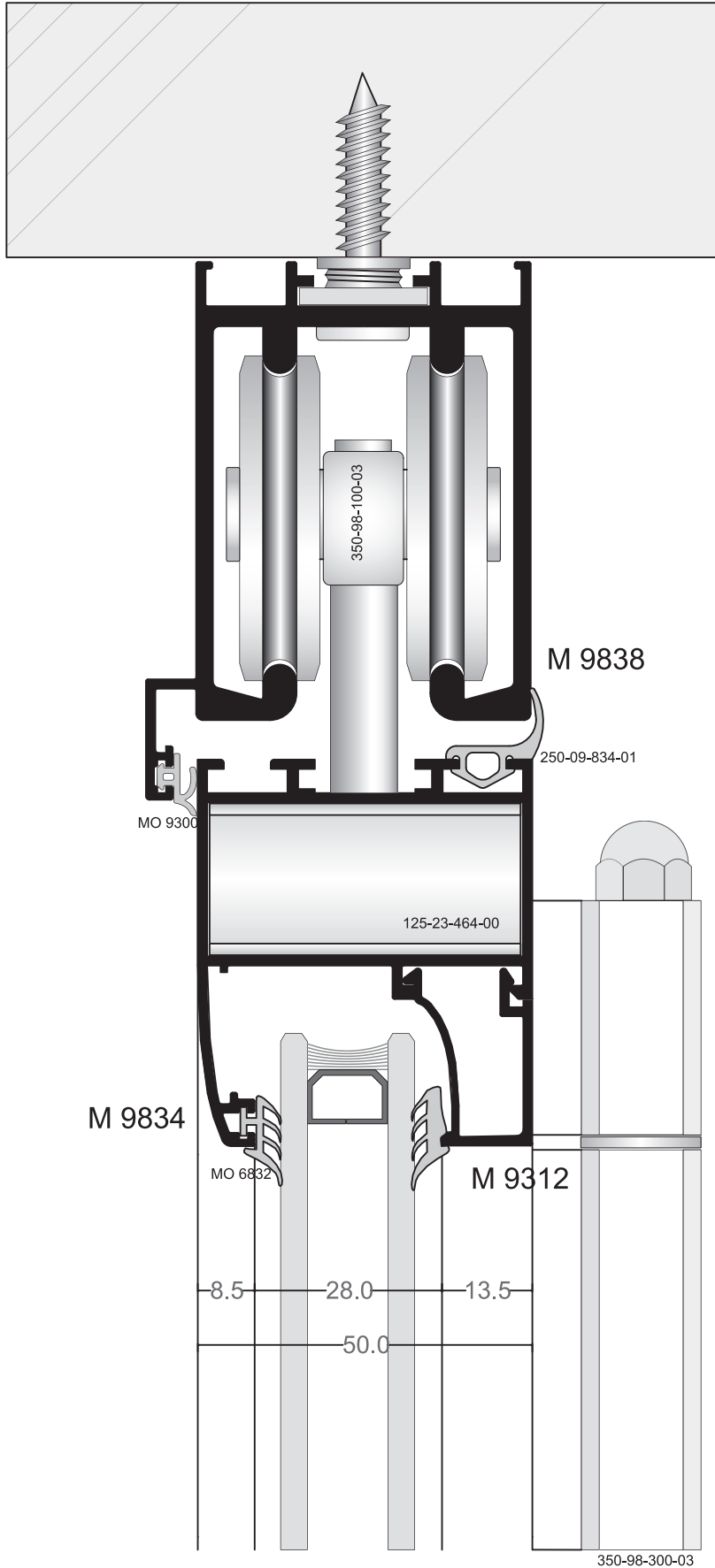


M 9312 GLASS HOLDER DOUBLE GLAZING
W = 266 gr/m

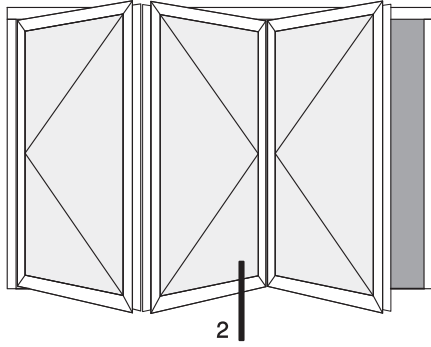


M 9806 PLUG INSERT BRUSHES
W = 249 gr/m

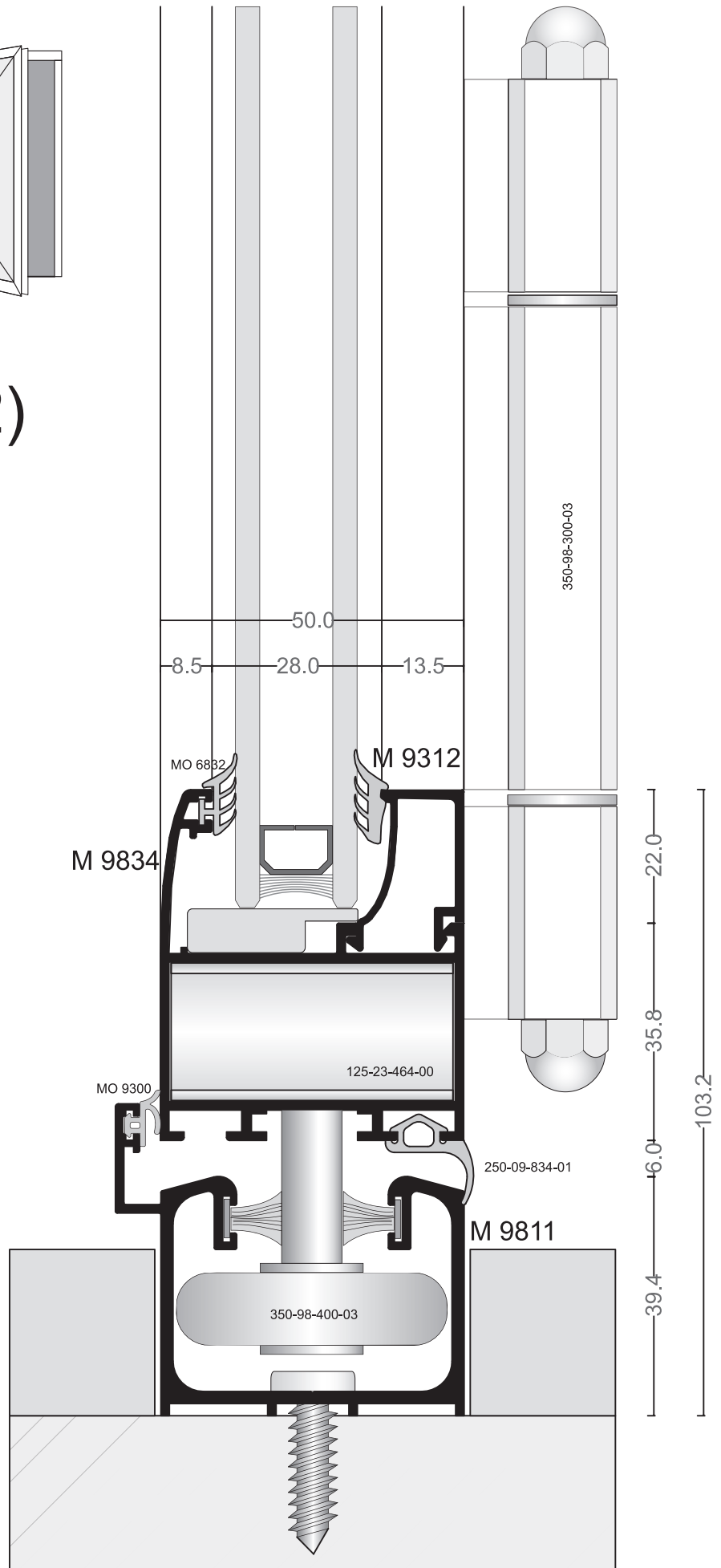


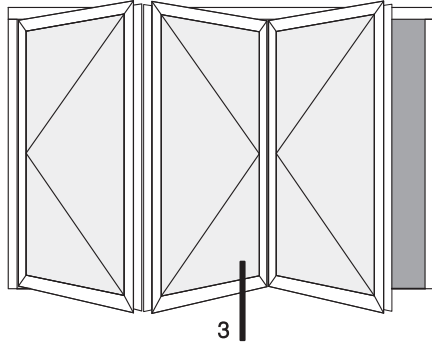


Detail (1)

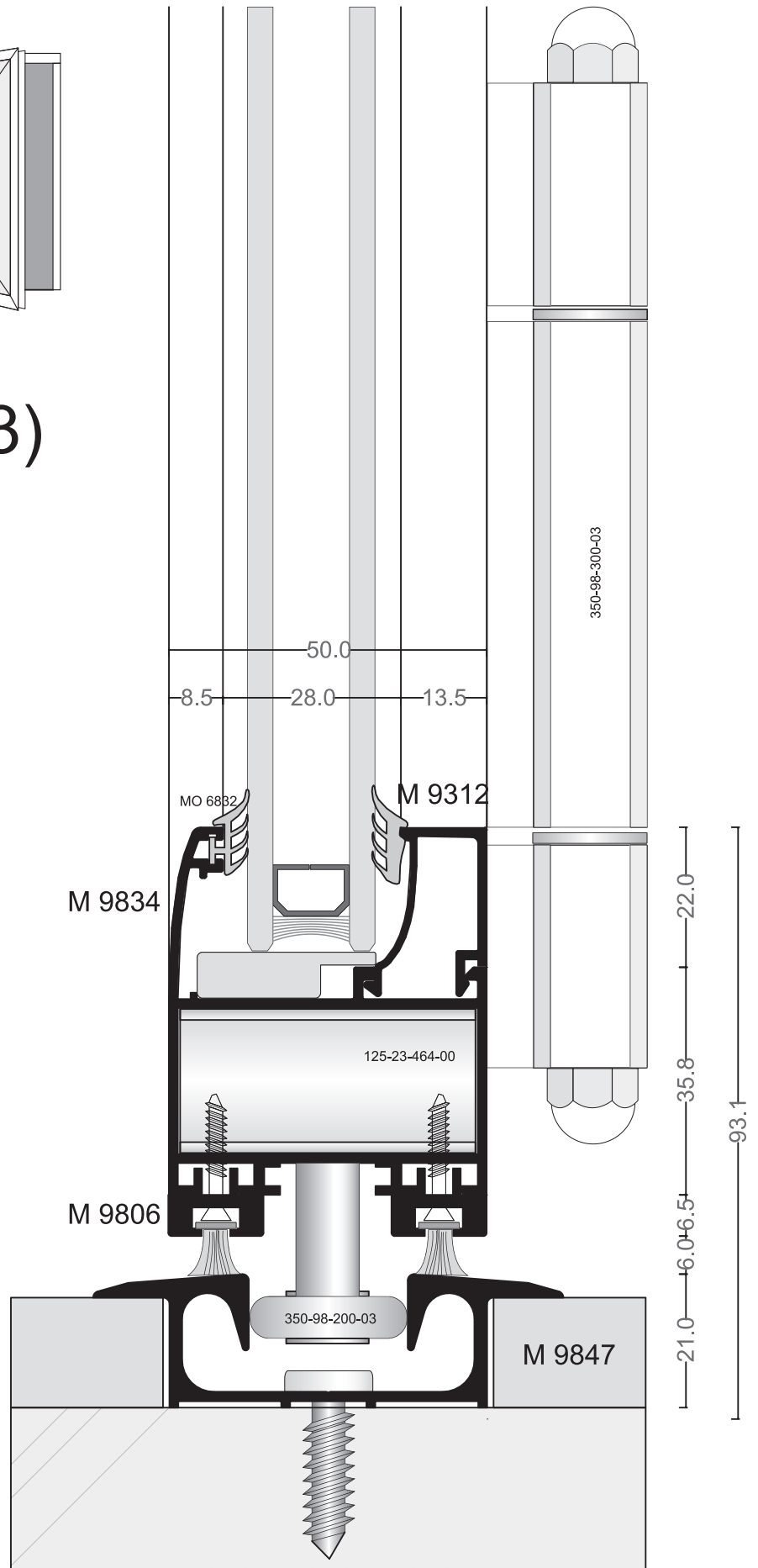


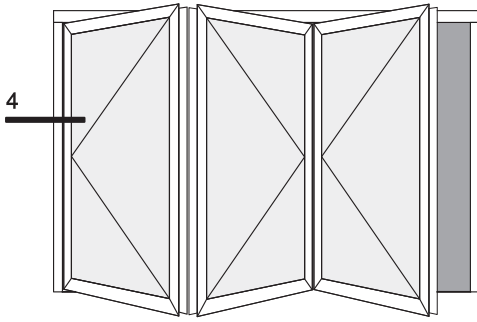
Detail (2)



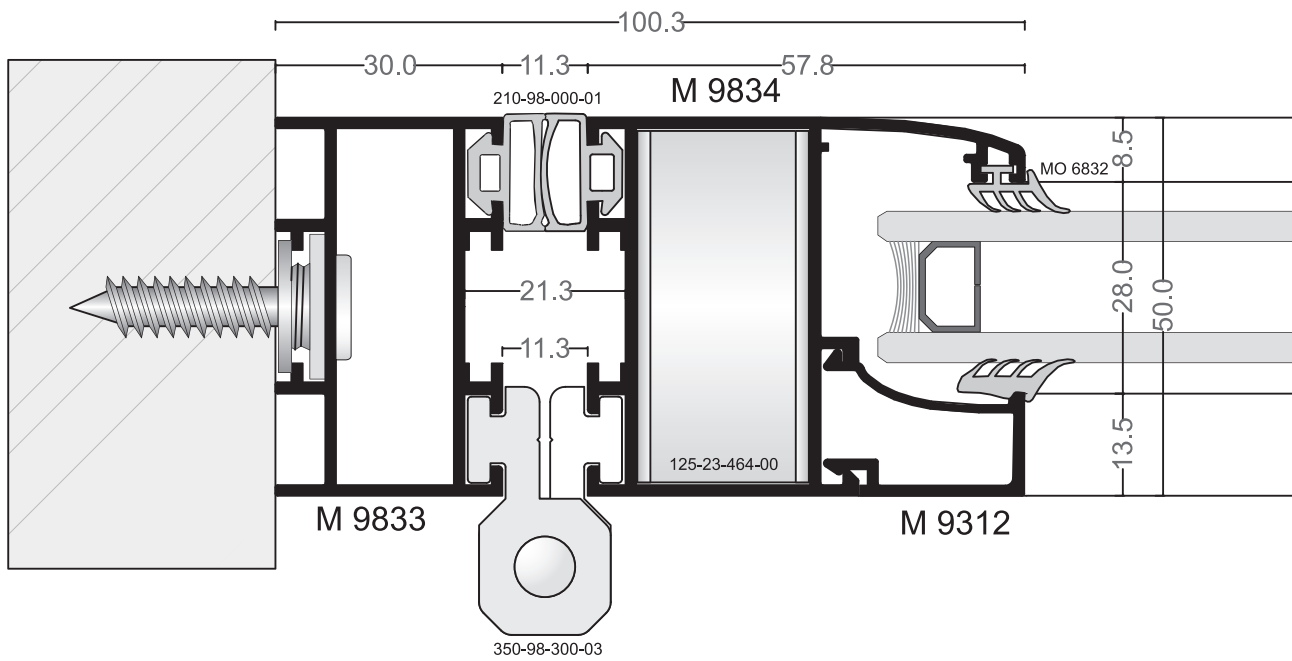


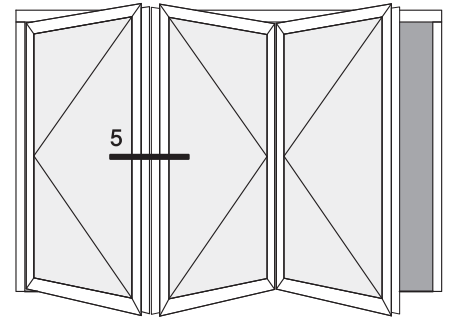
Detail (3)



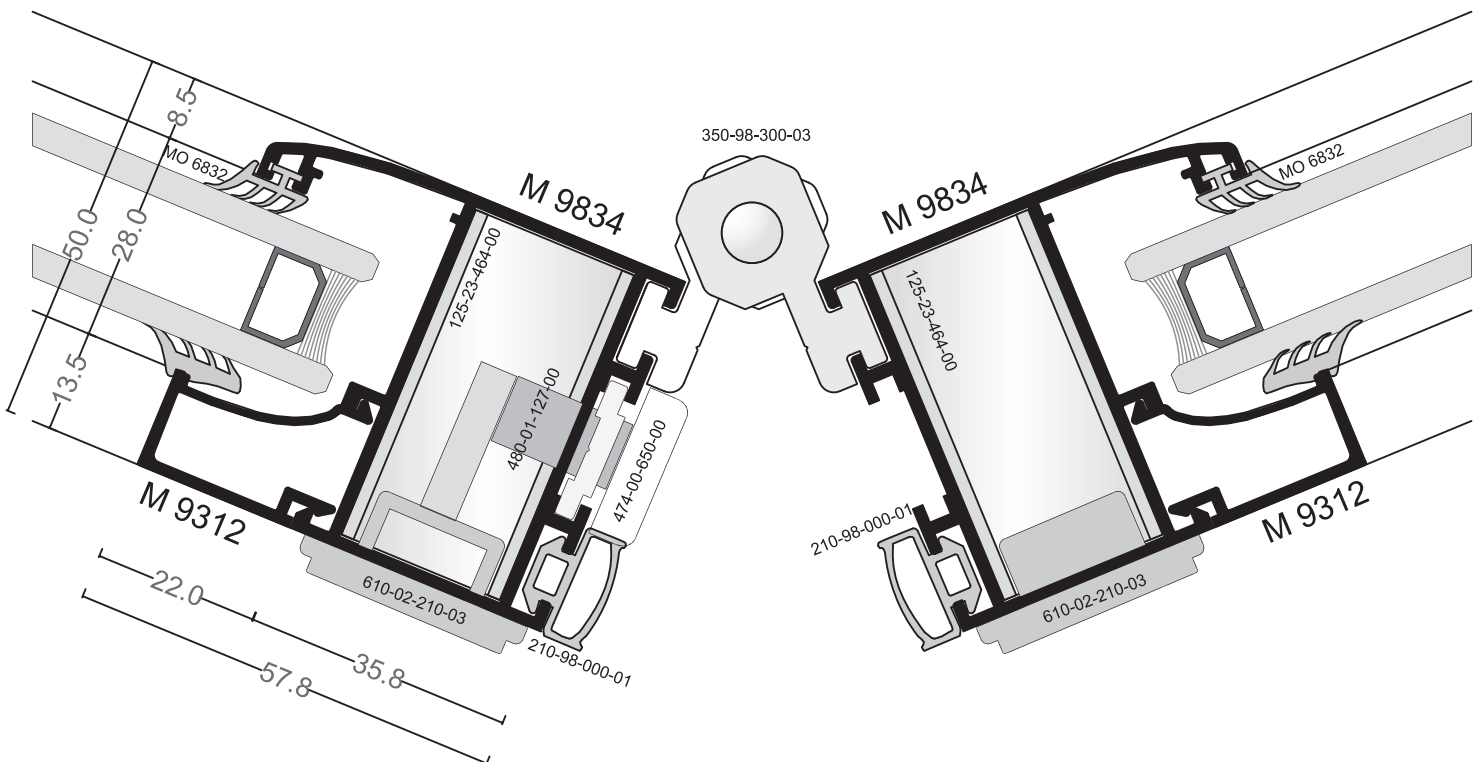
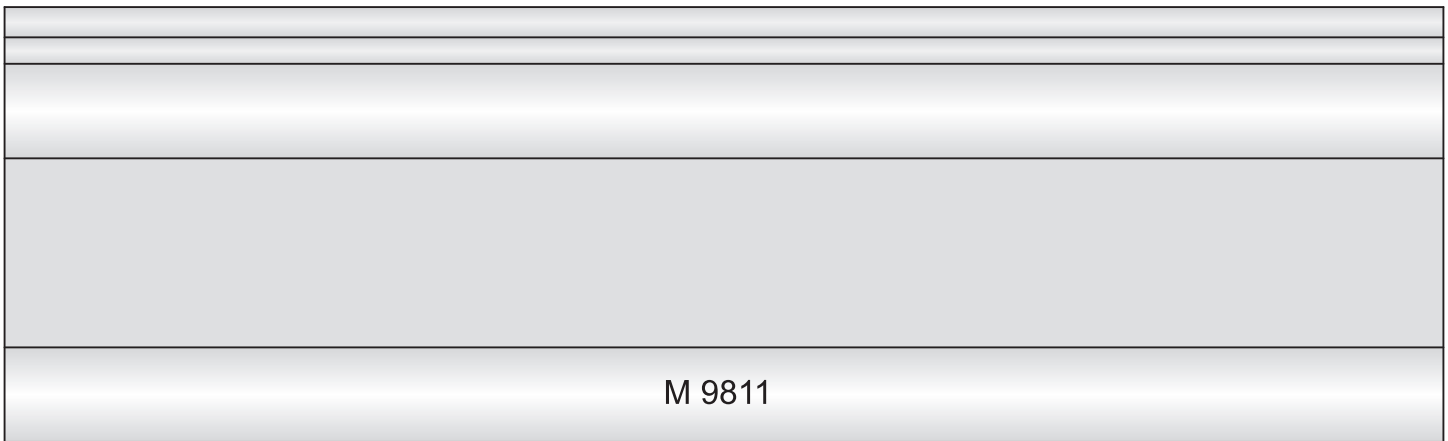


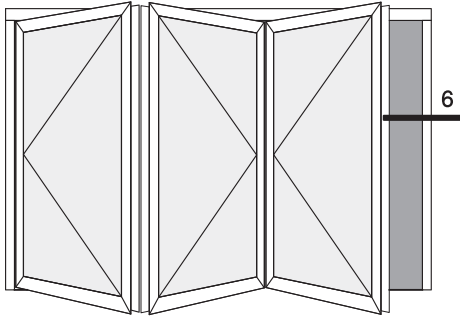
Detail (4)



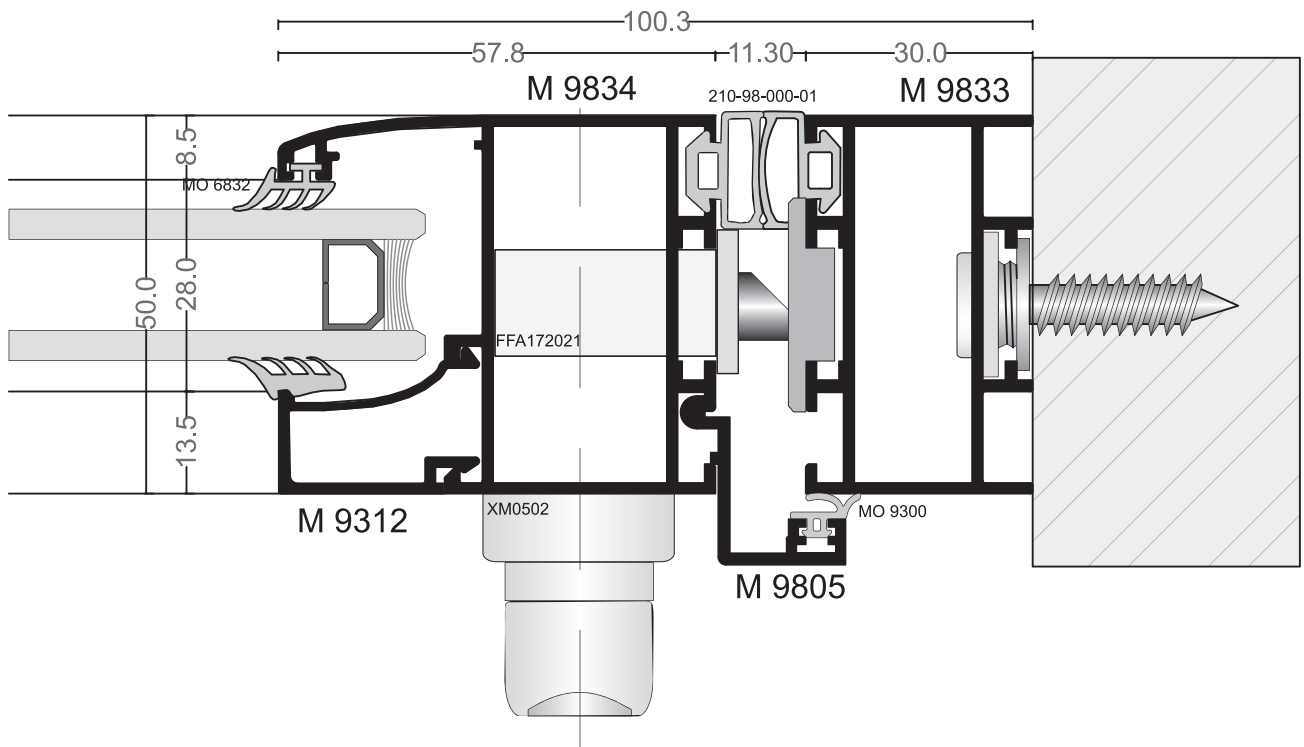
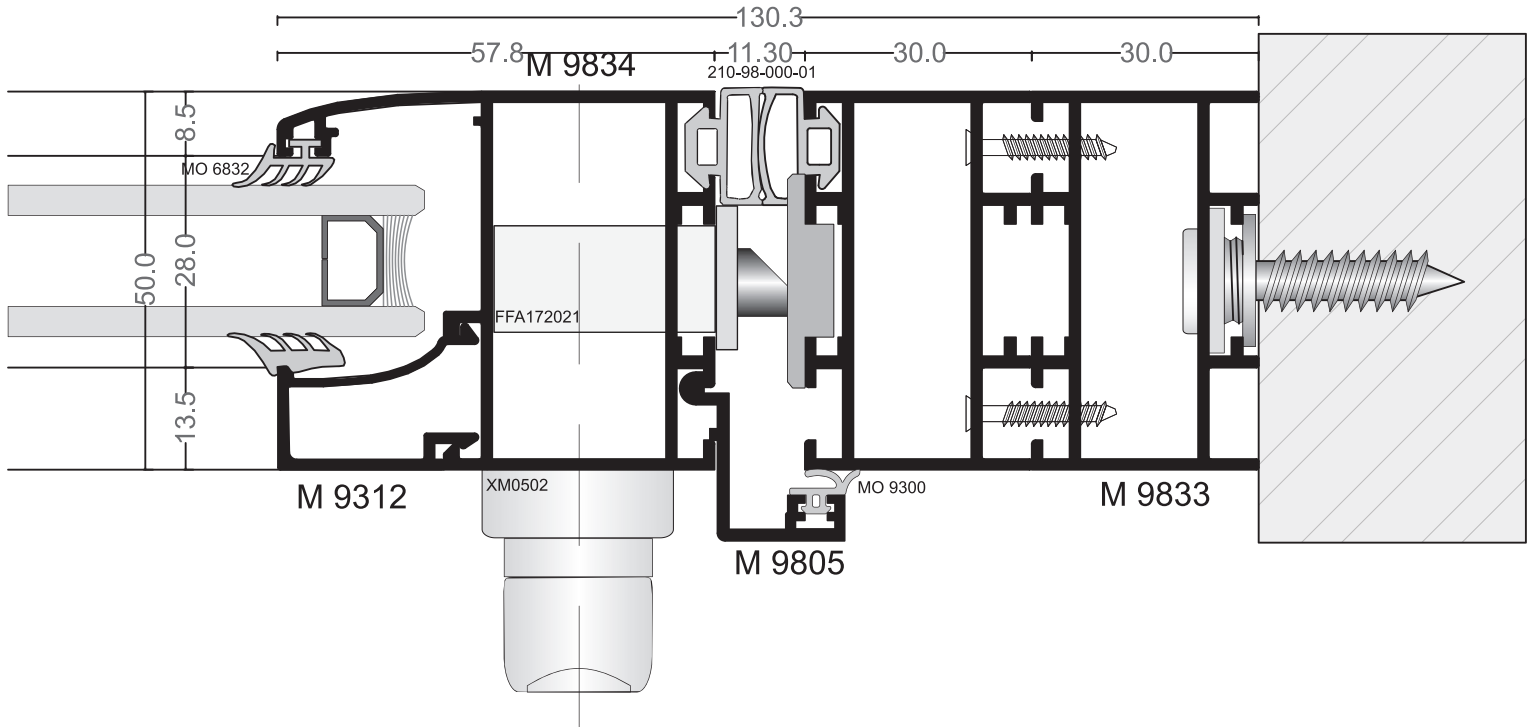


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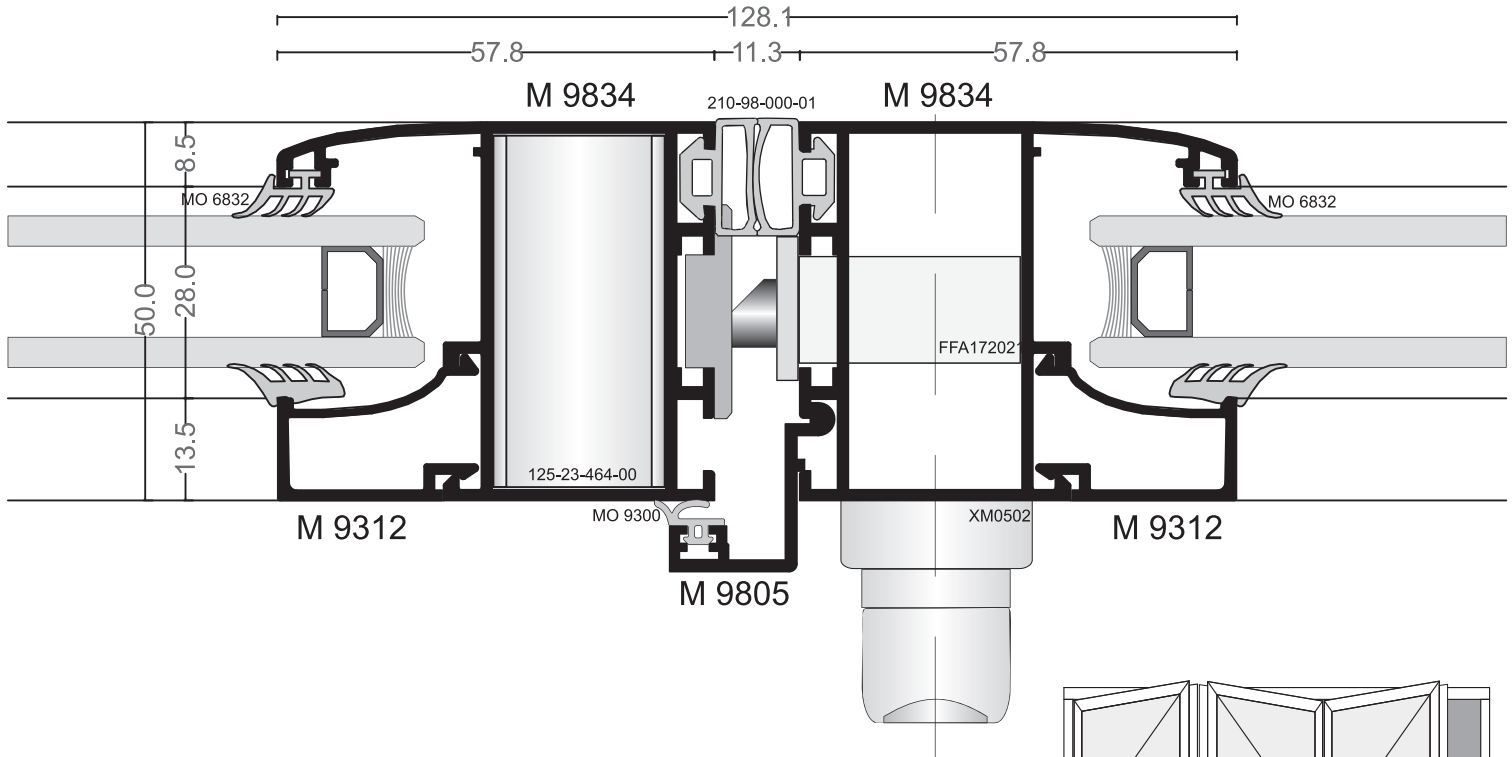
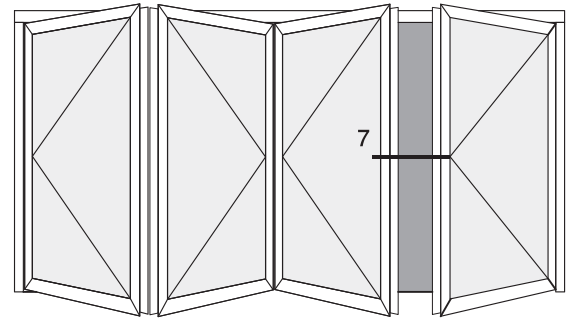




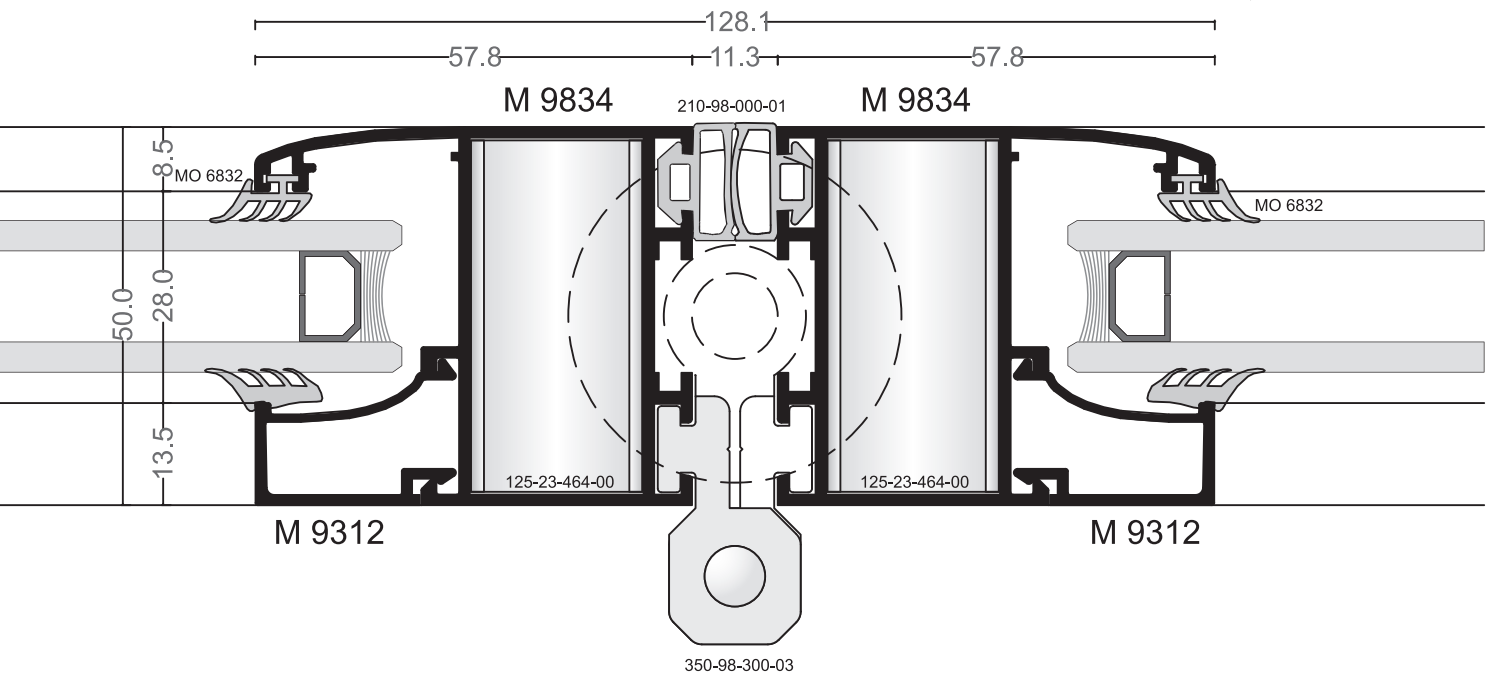
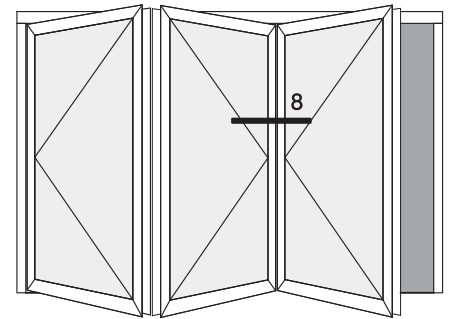
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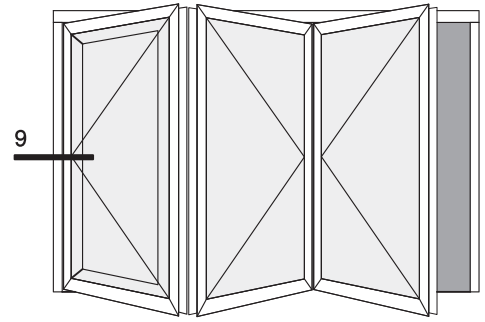


Detail (7)

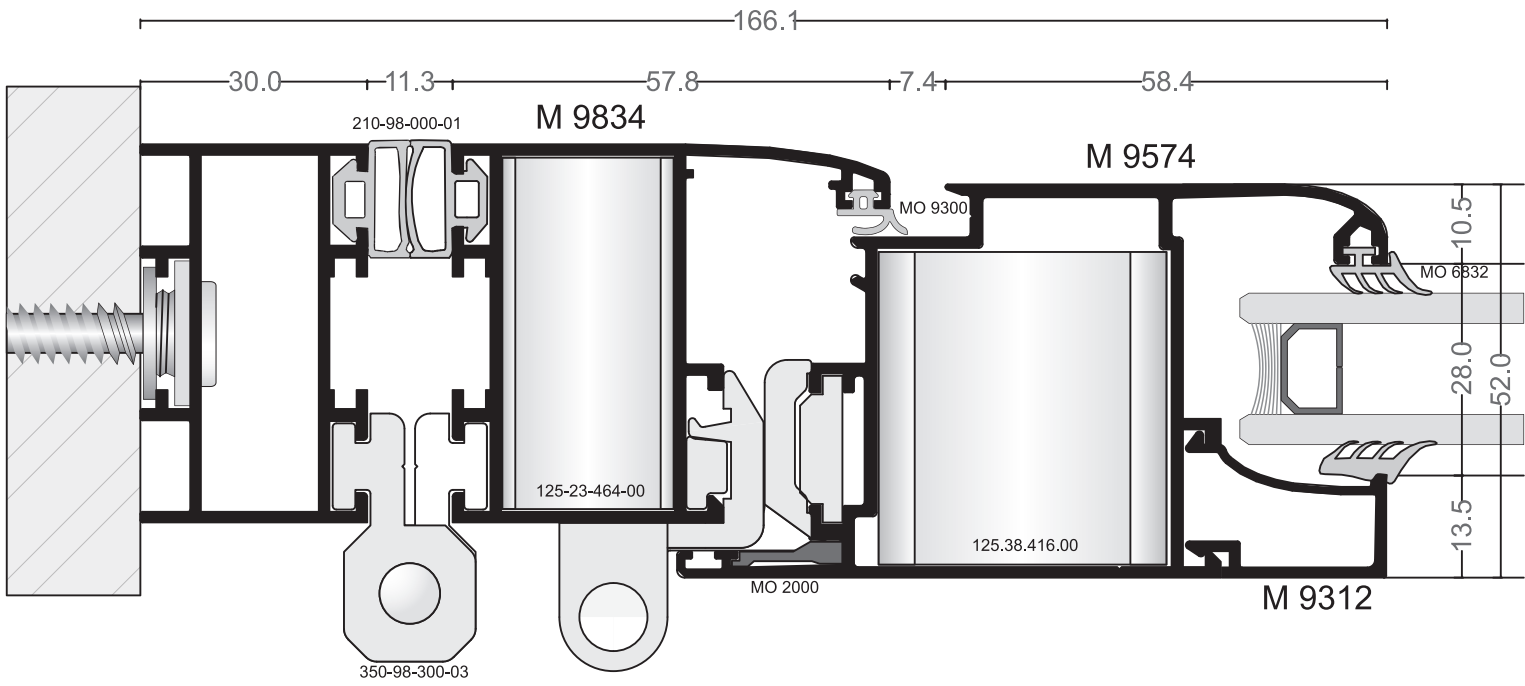


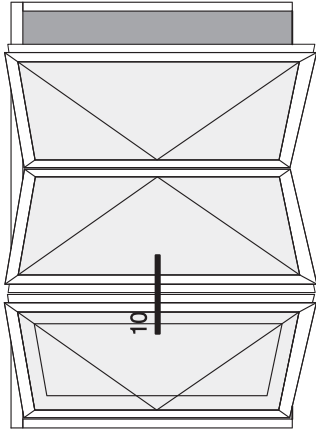
Detail (8)



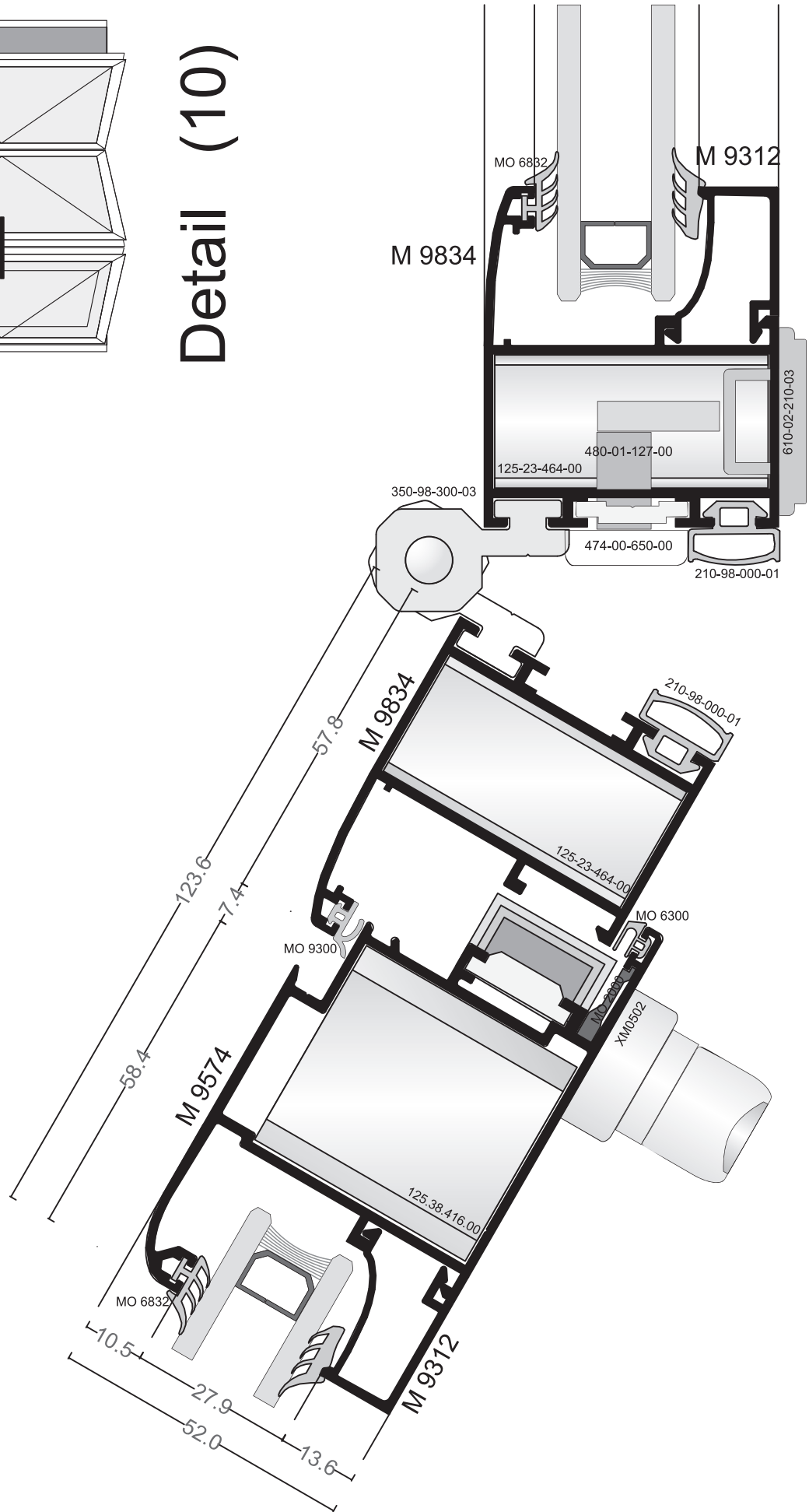


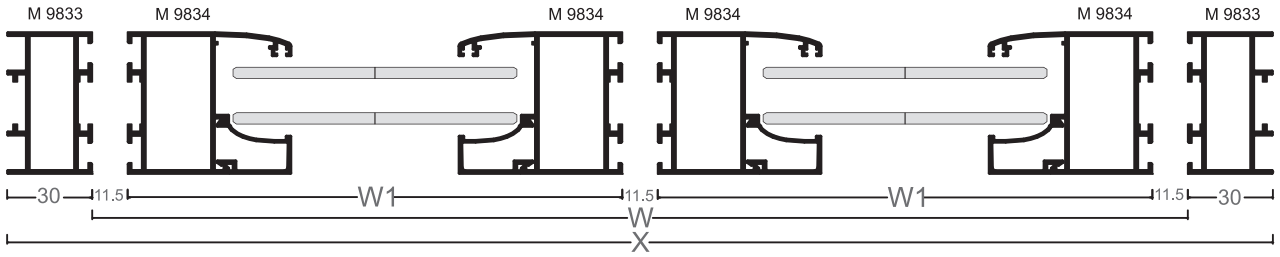
Detail (9)





Detail (10)





HEIGHT OF SASH

$$H1 = H - 12 \text{ mm}$$

Or

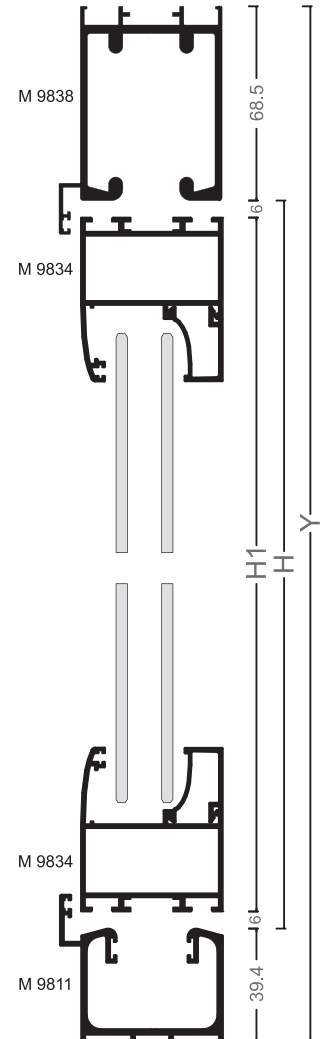
$$H1 = Y - 119.9 \text{ mm}$$

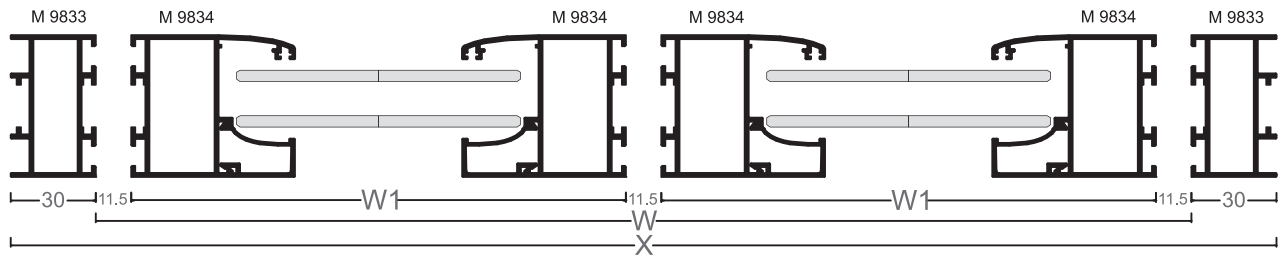
WIDTH OF SASH

$$W = X - 60 \text{ mm}$$

$$W1 = \frac{W - (12.5)(N+1)}{N}$$

N : NUMBER OF SASHS





HEIGHT OF SASH

$$H1 = H - 18.5 \text{ mm}$$

Or

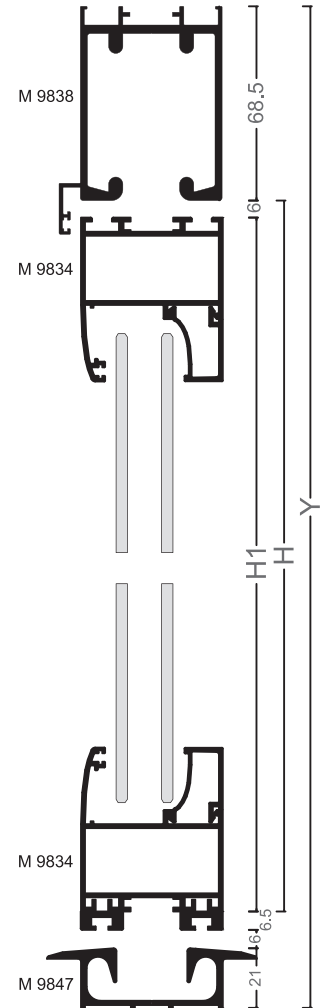
$$H1 = Y - 108 \text{ mm}$$

WIDTH OF SASH

$$W = X - 60 \text{ mm}$$

$$W1 = \frac{W - (12.5)(N+1)}{N}$$

N : NUMBER OF SASHS





ART. No : **125-23-464-00**

DESCRIPTION : SCREW CORNER

MATERIAL : ALUMINUM

COLOR : MILL FINISH



ART. No : **170-60-112-01**

DESCRIPTION : CORNER PIECE FOR ROUND GLAZING BEAD

MATERIAL : DIE CAST ALUMINUM PACKAGE: 50 -1000

COLOR : WHITE - BLACK - BROWN - MILL FINISH



ART. No : **350-98-300-03**

DESCRIPTION : HINGE

MATERIAL : ALUMINUM PACKAGE: 4 - 10

COLOR : WHITE - BLACK



ART. No : **350-98-100-03**

DESCRIPTION : WHEELS - HINGES FOR ACCORDION

MATERIAL : ALUMINUM PACKAGE: 10

COLOR : BLACK - WHITE



ART. No : **350-98-400-03**

DESCRIPTION : LOWER HINGE FOR ACCORDION - M9811

MATERIAL : ALUMINUM PACKAGE: 1 - 15

COLOR : BLACK - WHITE



ART. No : **350-98-200-03**

DESCRIPTION : WHEELS - HINGES FOR ACCORDION - M9847

MATERIAL : ALUMINUM PACKAGE: 15

COLOR : BLACK - WHITE



ART. No : **474-00-654-00**

DESCRIPTION : DEAD BOLT LATCH FOR ACCORDION

COLOR : BLACK PACKAGE: 150



ART. No : **480-01-127-00**

DESCRIPTION : KIT LOCKER

PACKAGE: 2 - 400



ART. No : **610-02-210-03**

DESCRIPTION : LOCKER FOR SLIDING DOOR

MATERIAL : ALUMINUM

PACKAGE: 20

COLOR : WHITE - BLACK



ART. No : **455-05-020-00**

Stock No : XM0502

DESCRIPTION : DOOR HANDLE WHITE ROSETTES

MATERIAL : ALUMINUM

PACKAGE: 1 - 24

COLOR : WHITE - BLACK



ART. No : **380-53-200-00**

DESCRIPTION : PAIR OF CONNECTION DEVICES

MATERIAL : POLYAMIDE

PACKAGE: 20 - 360

COLOR : BLACK



ART. No : **300-09-805-03**

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE

PACKAGE: 10 - 700

COLOR : BLACK - WHITE

PROFILE: M9805



ART. No : **380-53-200-00**

Stock No : FFA172021

DESCRIPTION : LOCKER PLUS CYLINDER

MATERIAL : STEEL

PACKAGE: 1 - 25

COLOR : SILVER

DIMENSION 20 mm



ART. No : **620-02-008-04**

DESCRIPTION : BRUSH 8 mm

COLOR : BLACK - WHITE - GREY



ART. No : **210-98-000-01**

DESCRIPTION : GASKET FOR ACCORDION DOOR

MATERIAL : EPDM

COLOR : BLACK



ART. No : **250-09-834-01**

DESCRIPTION : GASKET FOR ACCORDION DOOR

MATERIAL : EPDM

COLOR : BLACK



ART. No : **220-00-930-01**

Stock No : **MO 9300**

DESCRIPTION : GASKET

MATERIAL : EPDM

COLOR : BLACK



ART. No : **200-68-320-00**

Stock No : **MO 6832**

DESCRIPTION : GLAZING GASKET 3 mm

MATERIAL : PVC

COLOR : BLACK