Alumil

Building excellence every day

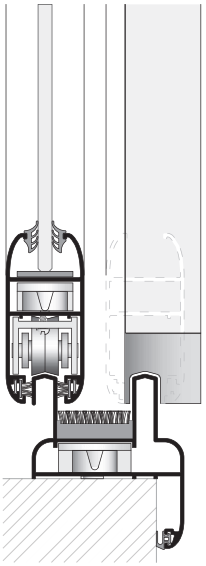
M900

AERO

Sliding Systems

M900 AERO

Cost-effective product line for linear-design sliding frames



Basic characteristics:

- √ Intended for small to medium size openings
- √ 28 mm sash width
- √ Supports all sliding systems' typologies
- √ Offers basic impermeability and sound insulation
- √ Cooperates perfectly with the M940 Mini "tilt-and-turn" system
- √ Supports glazing between 6 mm and 19 mm

PROFILE TECHNICAL SPECIFICATIONS	
Extruded Alloy	AlMgSi (EN AW 6063)
Hardness	12 Webster or 70 HB minimum
Mnimum Powder Coating Thickness	75μm minimum
Profile Thickness (min-max)	1,4 – 1,6 mm
Profile Geometry Control	EN DIN 12020-2 Compliant

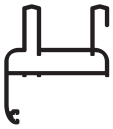
TECHNICAL CHARACTERISTICS OF TYPOLOGIES	
Sash Dimensions (Width \ Height)	28 / 61 mm
Sliding Movement	Single or Double Teflon rollers
Glazing Type	Single or Double, from 6 to 19 mm
Glazing Weight	37 Kg using single rollers 75 Kg using double rollers
Sealing	Perimmetrical, with two rows of brushes

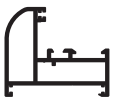
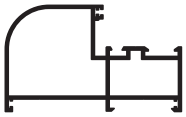
Product Line Construction Options:

- √ 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).

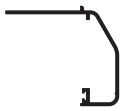
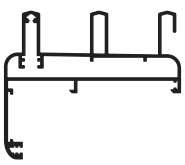
Certifications:

- √ 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) all plants operated by Alumil.

PROFILE	No/Profile No Weight (gr/m)	X mm Y mm
	M 922 529	45,00 29,95
	M 907 737	54,50 37,50
	M 906 868	54,50 62,50
	M 926 970	91,20 29,95
	M 927 1055	106,20 29,95
	M 727 1328	93,00 43,00
	M 905 745	28,00 61,00
	M 902 721	28,00 61,00

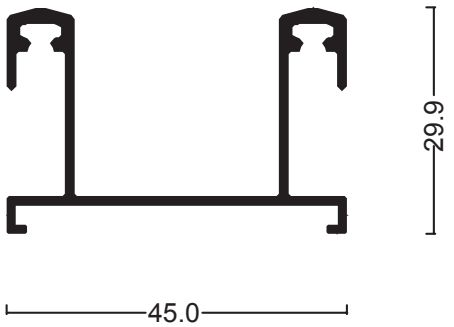
PROFILE	No/Profile No Weight (gr/m)	X mm Y mm
	M 924 740	28,00 61,00
	M 925 694	28,00 61,00
	M 903 314	38,00 37,10
	M 936 673	38,00 37,94
	M 904 175	16,30 19,70
	M 007 842	54,50 46,60
	M 9423 1355	93,00 56,00
	M 923 315	28,00 29,95

PROFILE	No/Profile No Weight (gr/m)	X mm Y mm
	M 945 273	21,50 22,00
	M 946 229	19,50 22,00
	M 9312 266	19,35 26,50
	M 9311 304	29,50 26,60
	M 928 606	21,00 62,50
	M 9038 763	21,00 70,50

PROFILE	No/Profile No Weight (gr/m)	X mm Y mm
	M 9008 535	16,10 54,40
	M 912 225	29,00 37,50
	M 6000 523	59,60 50,00
	M 9416 411	48,30 50,00
	M 901 683	45,00 37,50
	M 999 1544	93,00 78,00

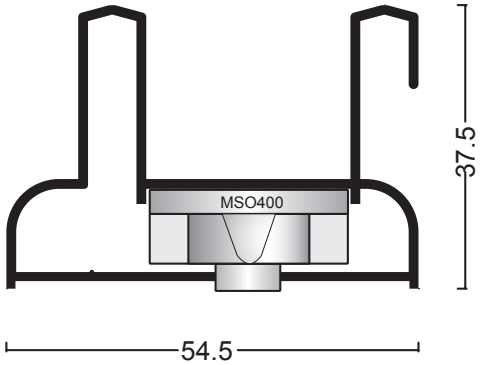
M 922 DOUBLE DRIVER

W = 529 gr/m



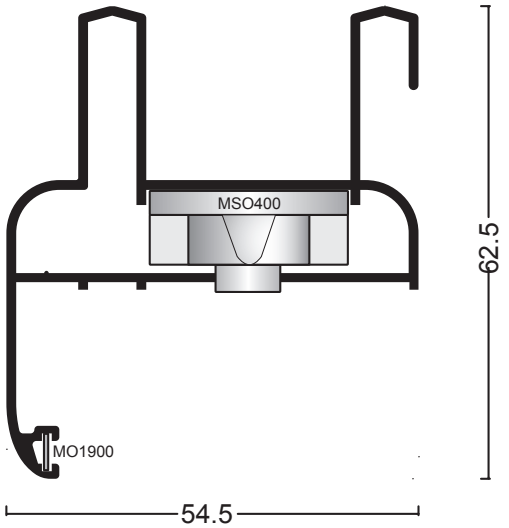
M 907 DOUBLE DRIVER

W = 737 gr/m



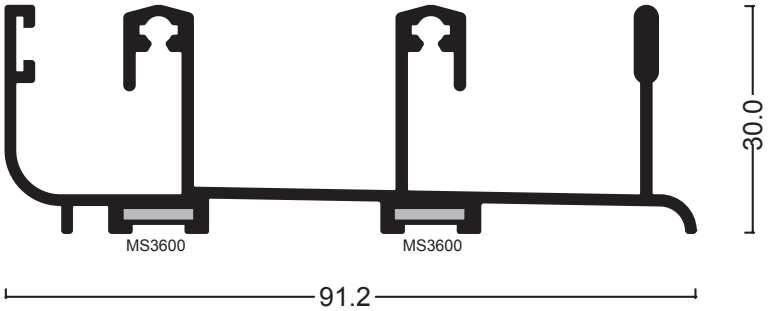
M 906 DOUBLE DRIVER

W = 868 gr/m



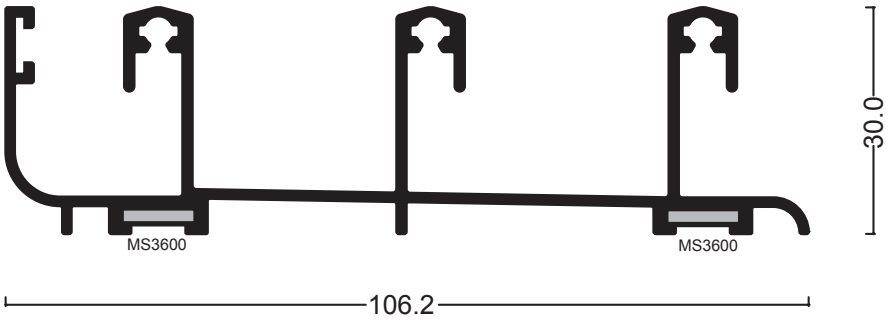
M 926 TRIPLE DRIVER

W = 970 gr/m



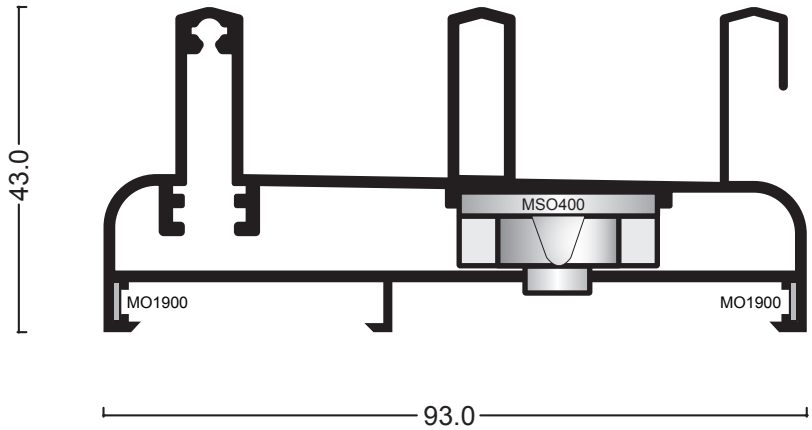
M 927 TRIPLE DRIVER

W = 1055 gr/m



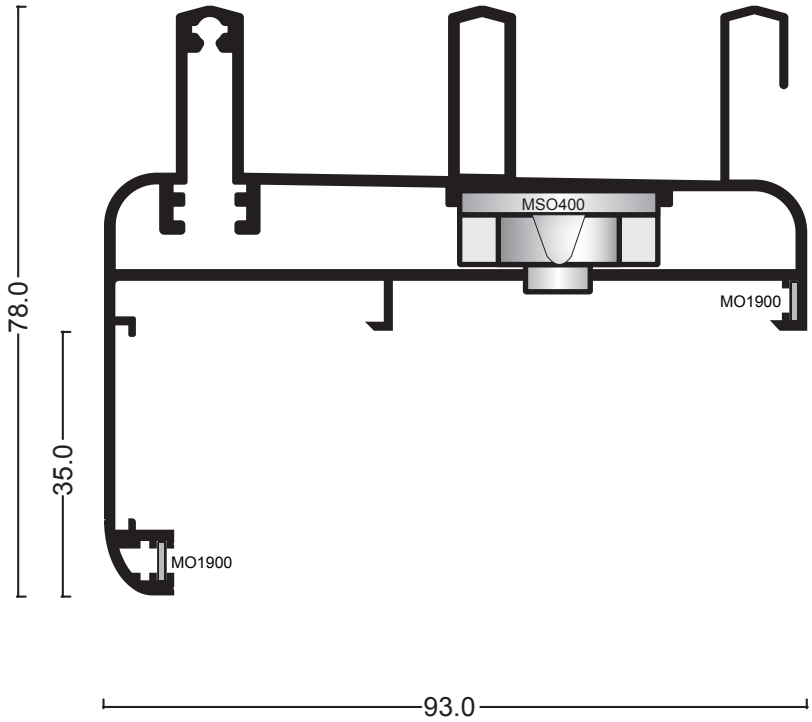
M 727 TRIPLE DRIVER

W = 1328 gr/m



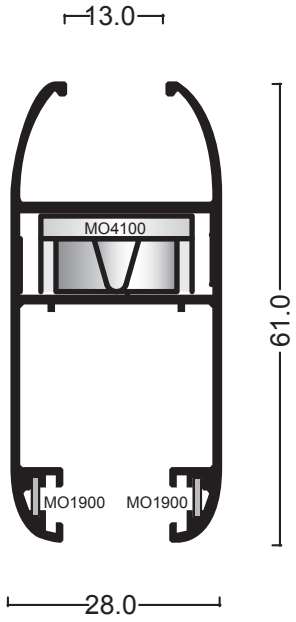
M 999 TRIPLE DRIVER

W = 1544 gr/m



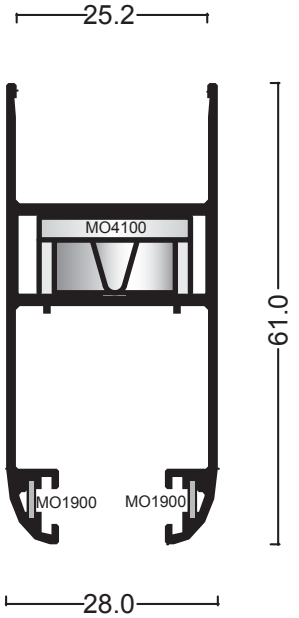
M 905 SINGLE SASH

W = 745 gr/m



M 902 DOUBLE SASH

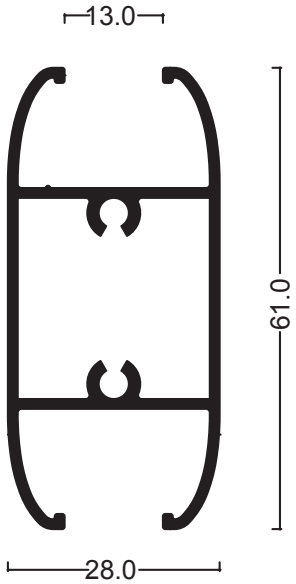
W = 721 gr/m



M 924 TRANSOM

W = 740 gr/m

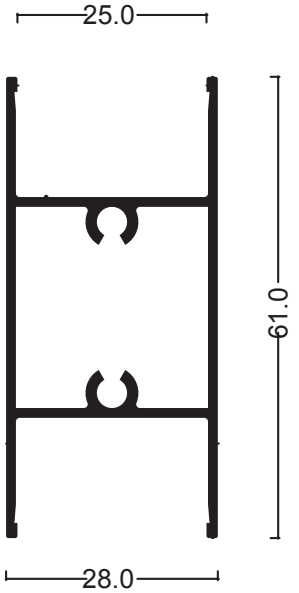
FOR SINGLE SASH



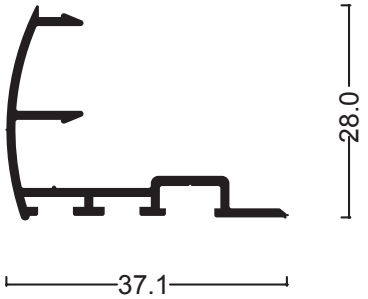
M 925 TRANSOM

W = 694 gr/m

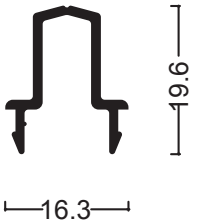
FOR DOUBLE SASH



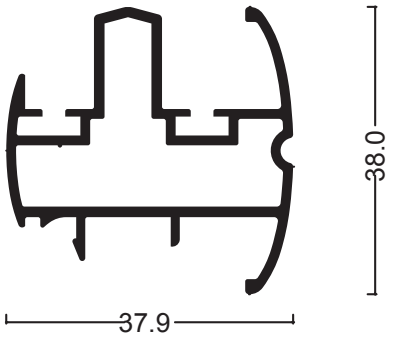
M 903 HOOK
W = 314 gr/m



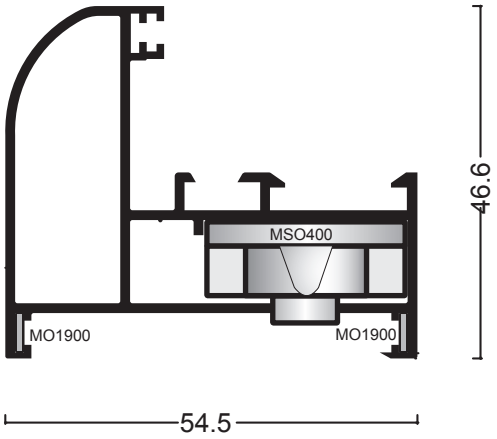
M 904 ADJOINING PROFILE
W = 175 gr/m



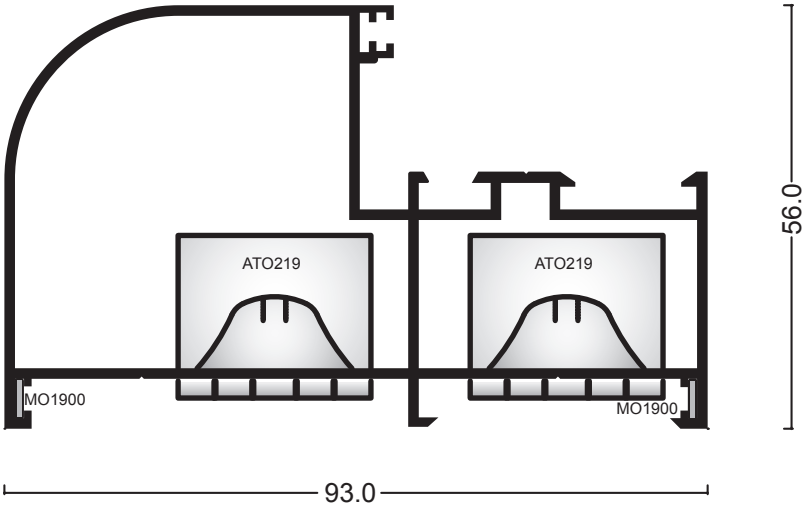
M 936 ADJOINING PROFILE
W = 673 gr/m



M 007 FRAME
W = 842 gr/m
COMPATIBLE WITH M 906

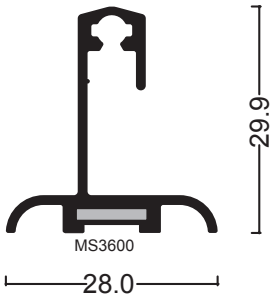


M 9423 FRAME
W = 1355 gr/m
COMPATIBLE WITH M 929



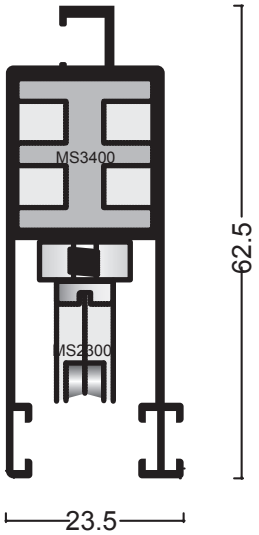
M 923 SINGLE DRIVER

W = 315 gr/m



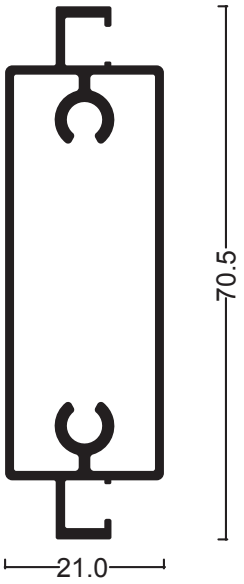
M 928 FLY SCREEN SASH

W = 606 gr/m



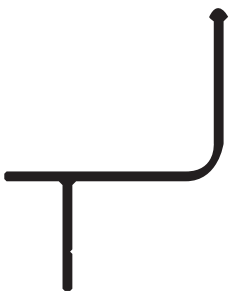
M 9038 FLY SCREEN TRANSOM

W = 763 gr/m



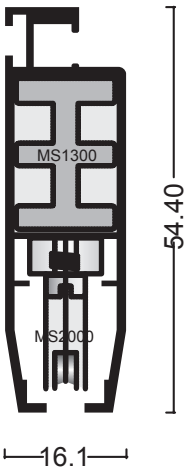
M 912 FLY SCREEN DRIVER

W = 225 gr/m

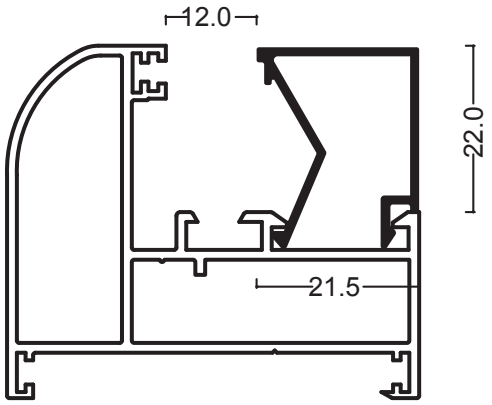


M 9008 FLY SCREEN SASH

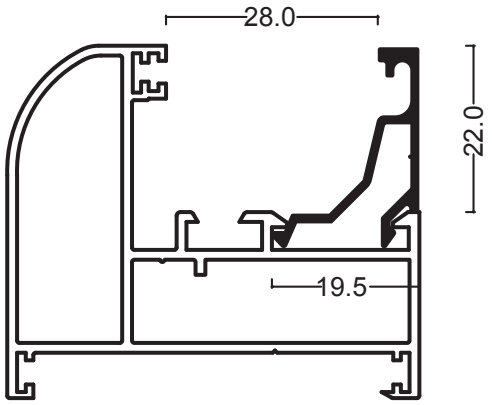
W = 535 gr/m



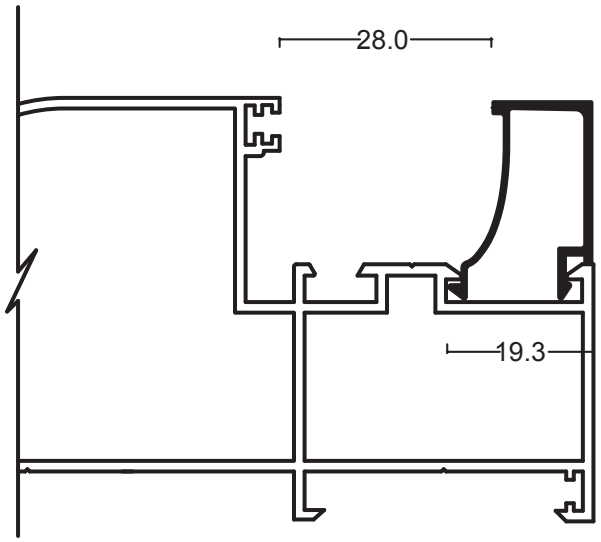
M 945 GLAZING BEAD
W = 273 gr/m
FOR SINGLE GLAZING



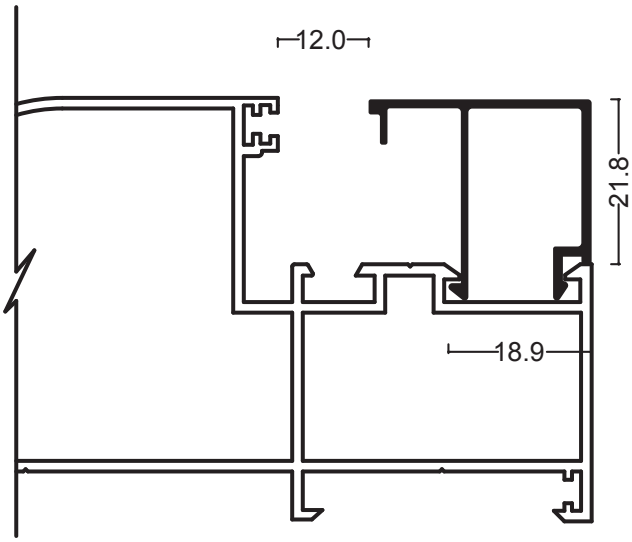
M 946 GLAZING BEAD
W = 229 gr/m
FOR DOUBLE GLAZING



M 9312 GLAZING BEAD
W = 266 gr/m
FOR DOUBLE GLAZING

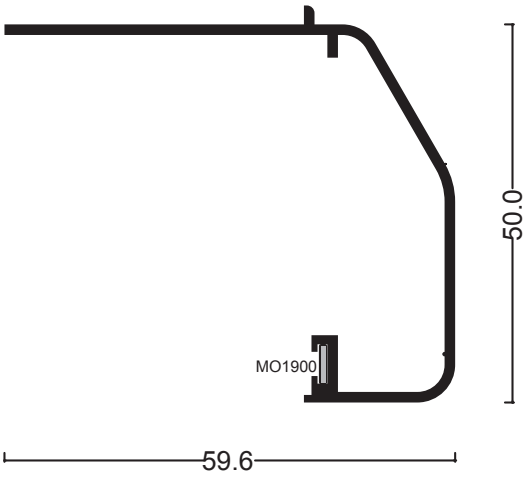


M 9311 GLAZING BEAD
W = 304 gr/m
FOR SINGLE GLAZING



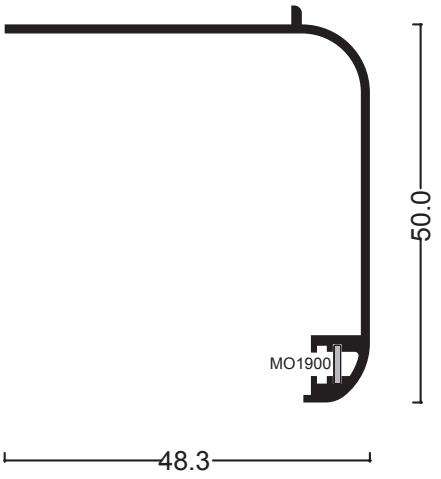
M 6000 ARCHITRAVE

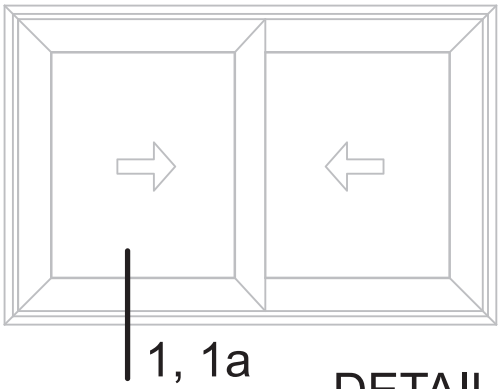
W = 523 gr/m



M 9416 ARCHITRAVE

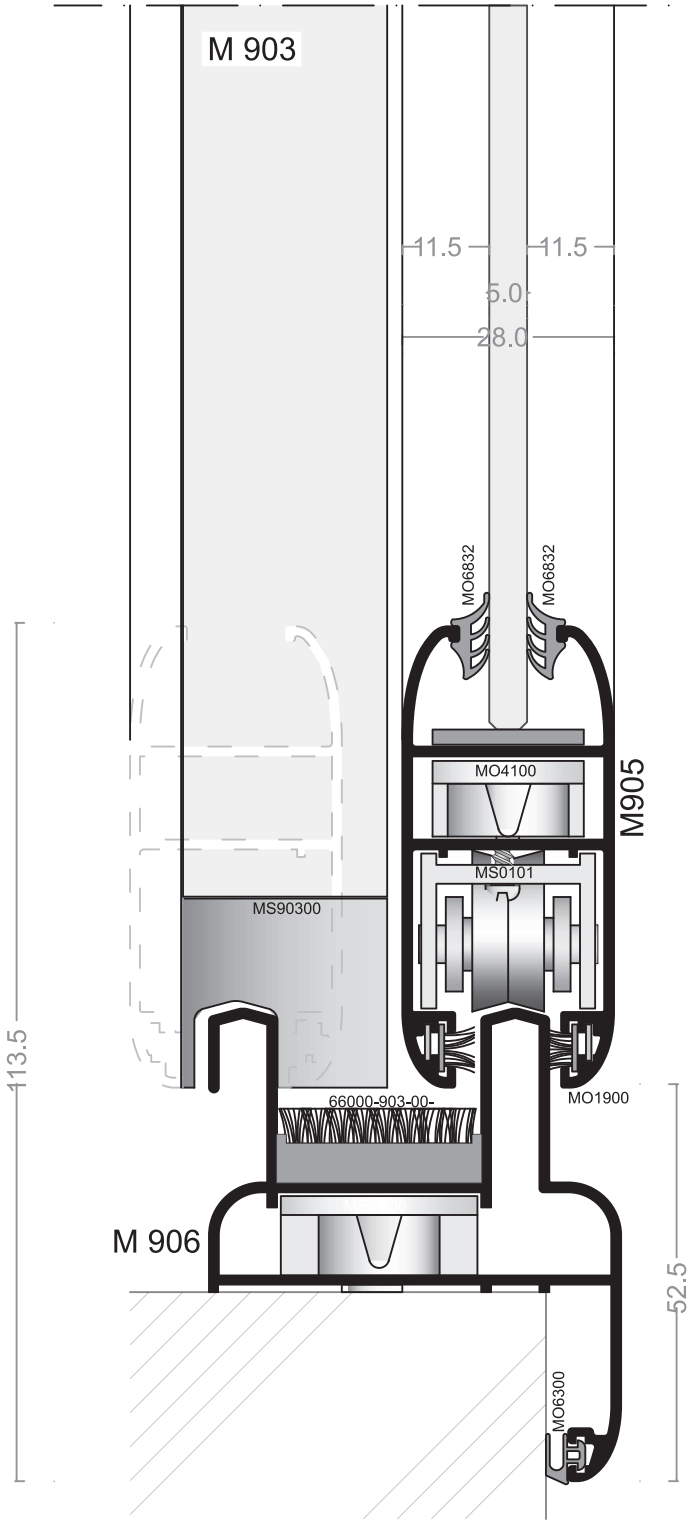
W = 411 gr/m



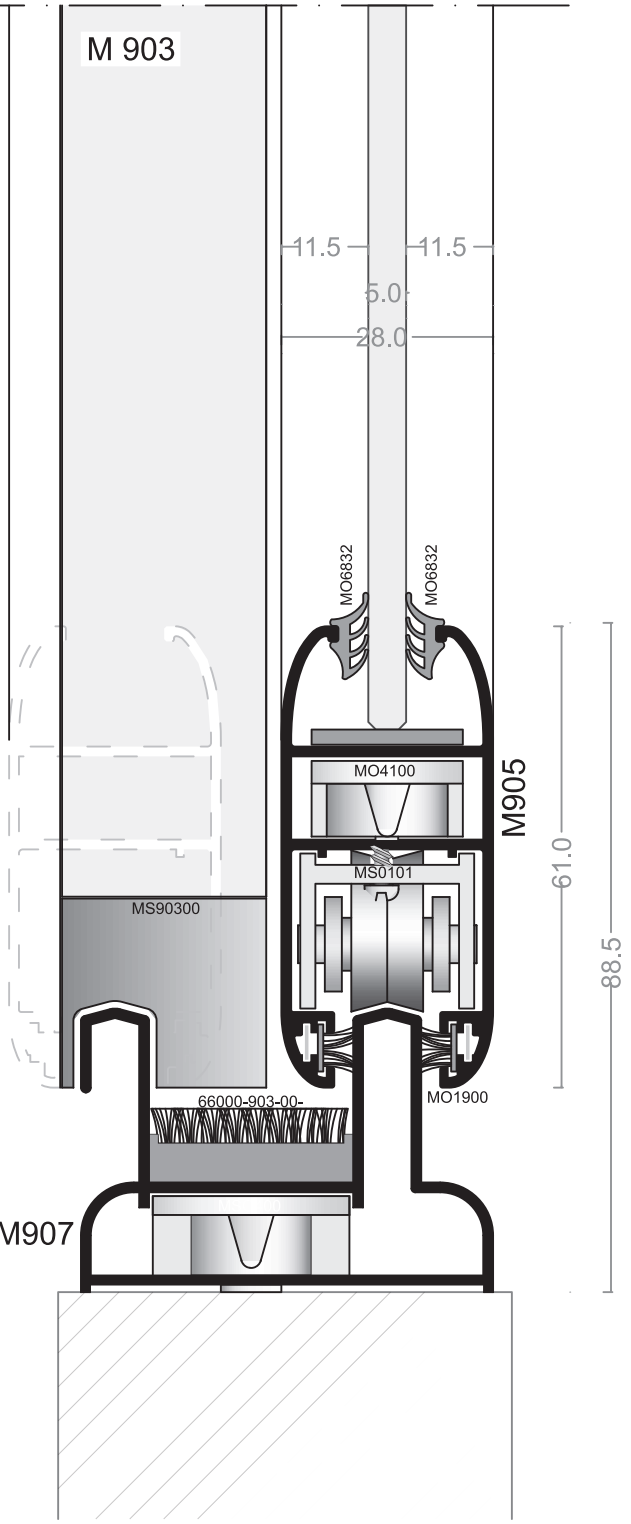


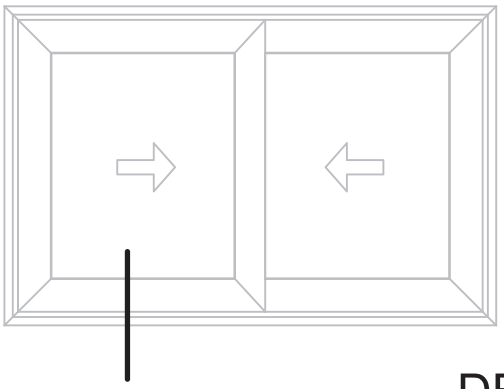
1, 1a

DETAIL (1)

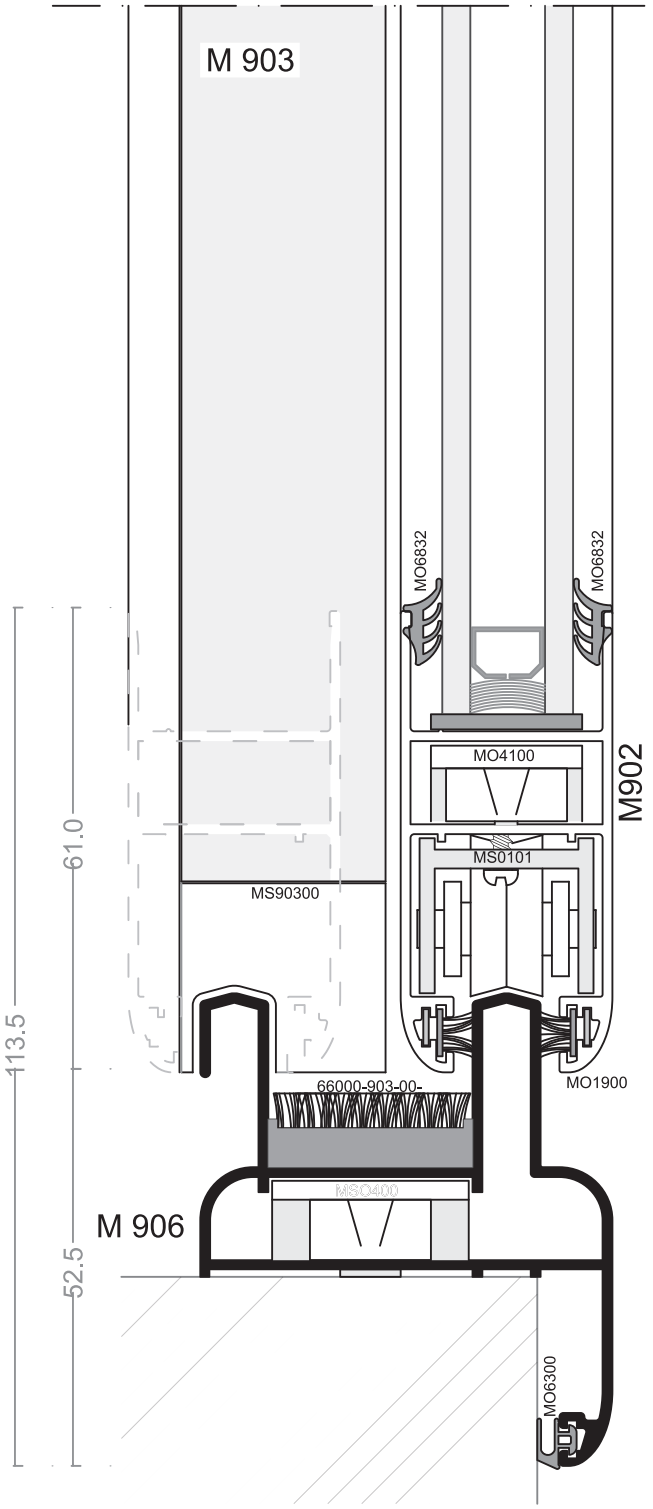


DETAIL (1a)

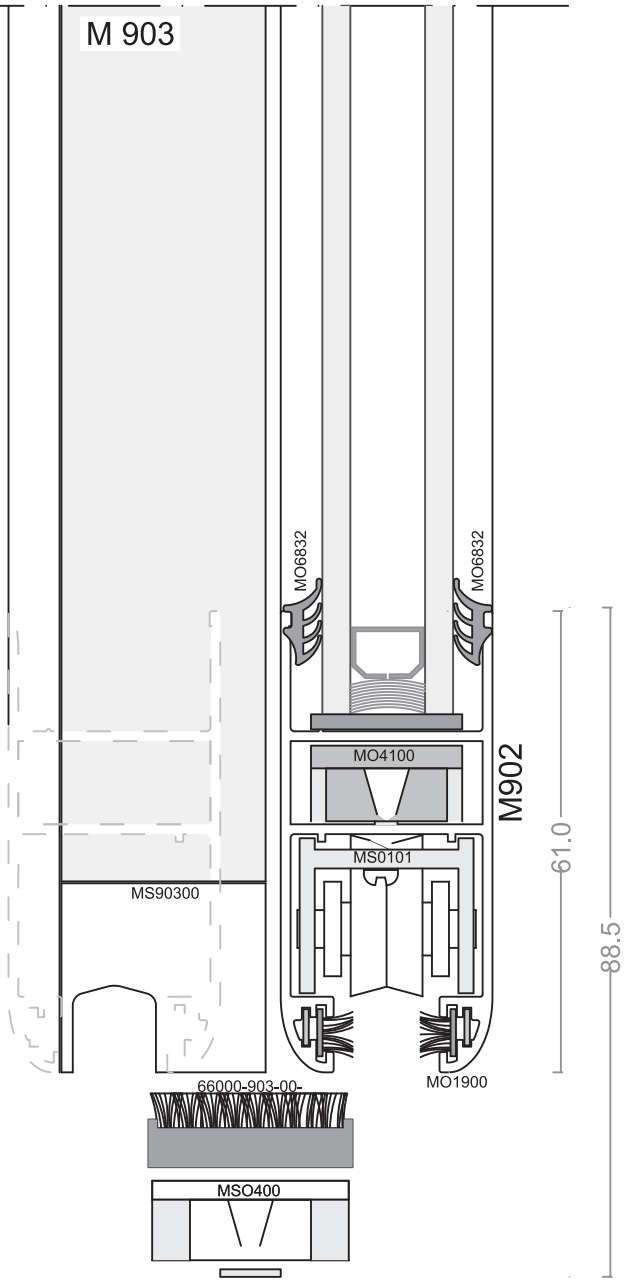


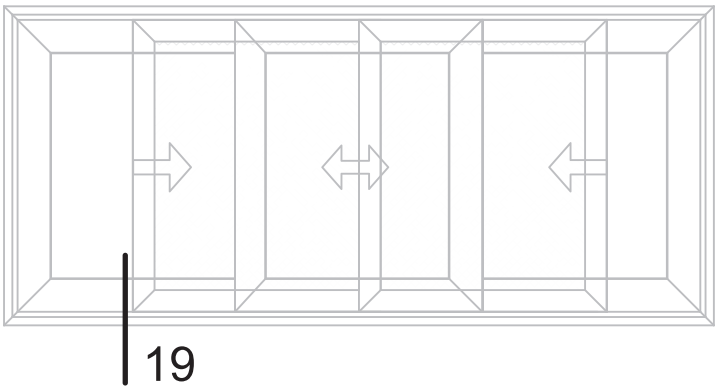


DETAIL (1b)



DETAIL (1c)

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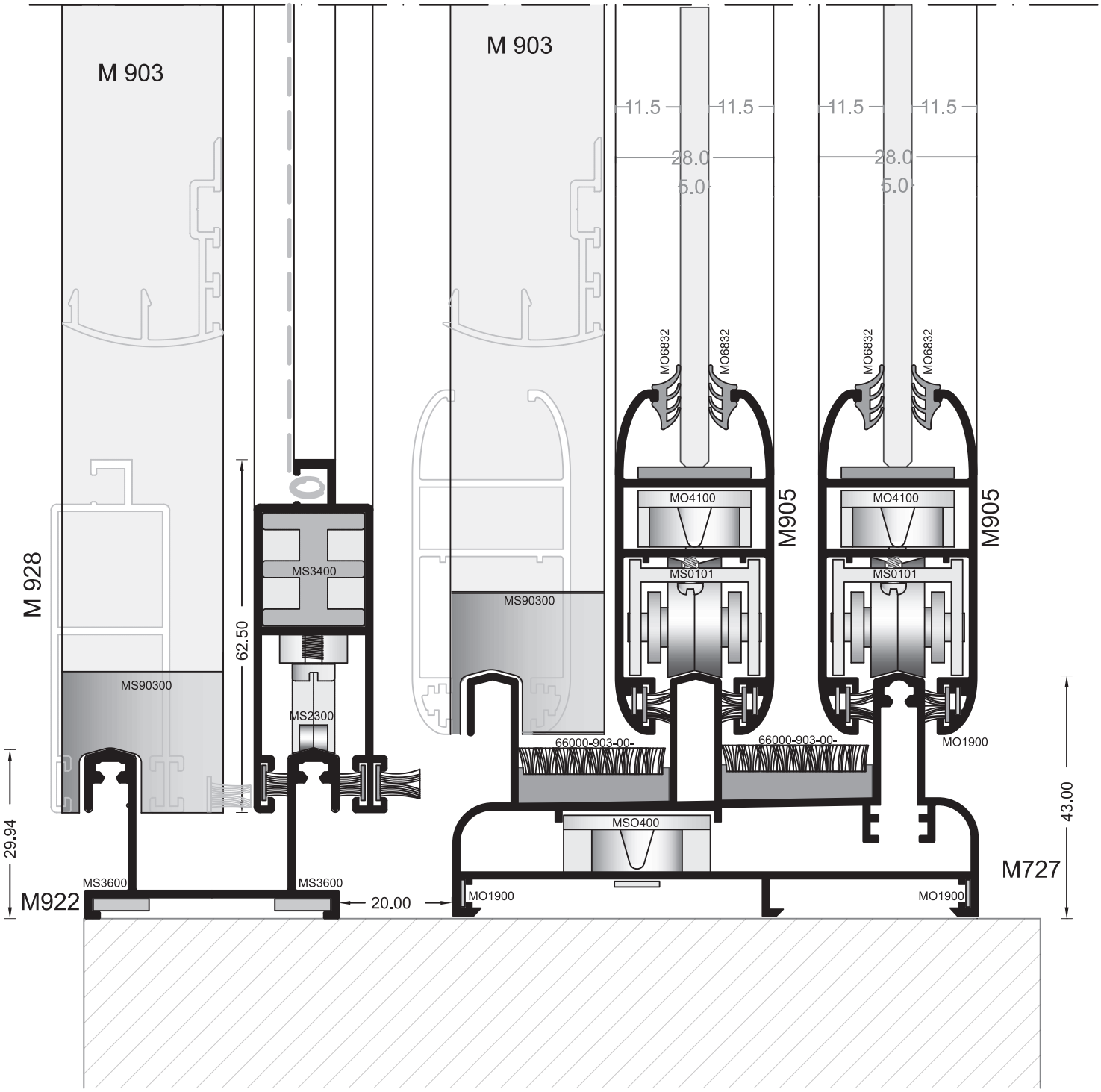
DETAIL (19)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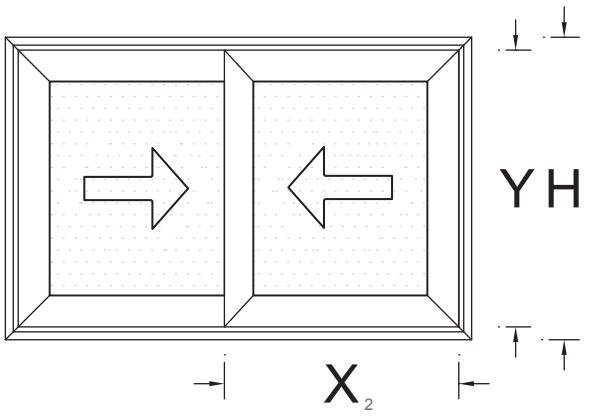
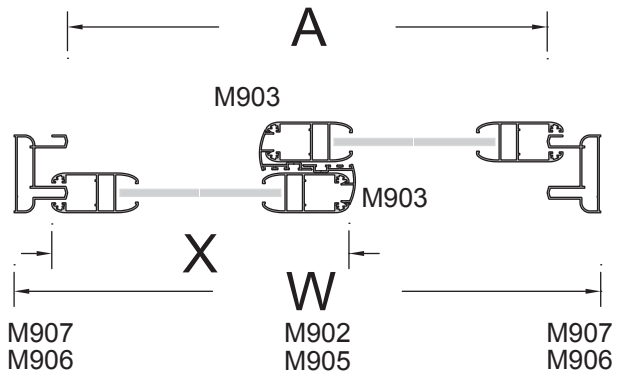
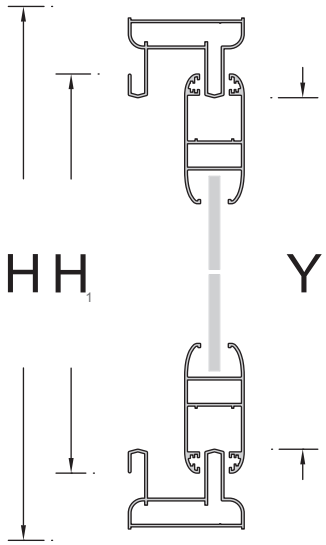
1a)





WIDTH OF SASH $X_2 = \frac{W+1,5}{2}$ mm
WIDTH OF SASH $X_2 = \frac{A+78,5}{2}$ mm
HEIGHT OF SASH Y = H - 55 mm
HEIGHT OF SASH $Y = H_1 + 20$ mm



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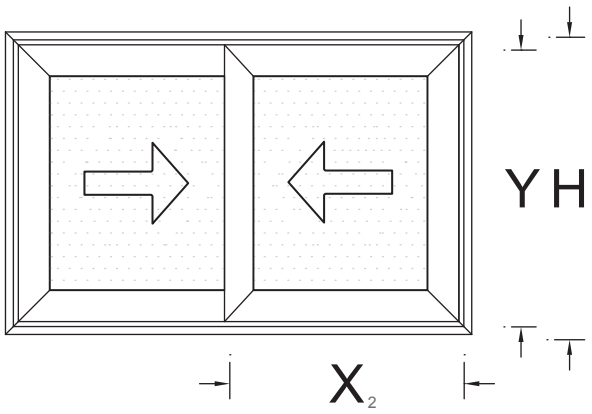
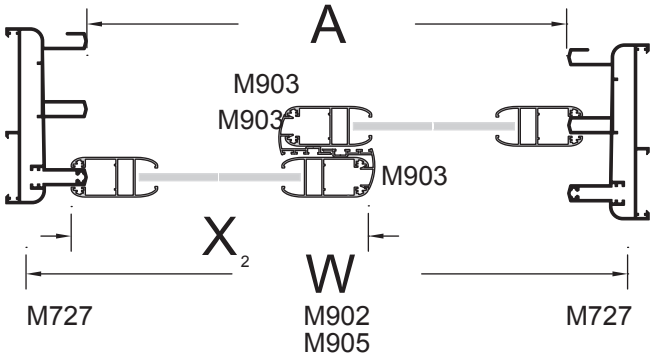
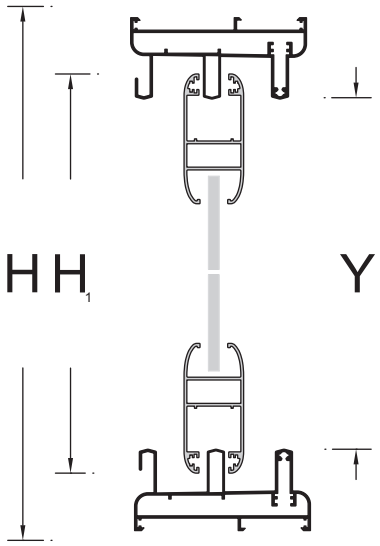


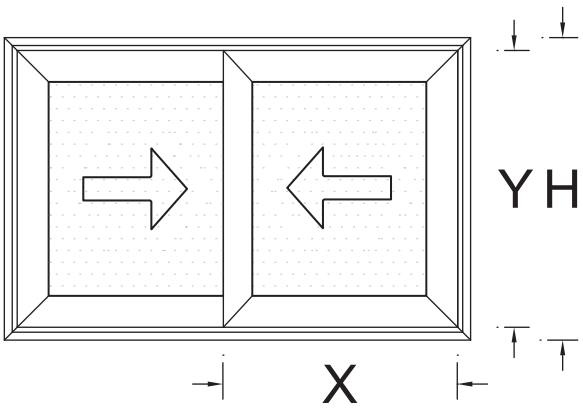


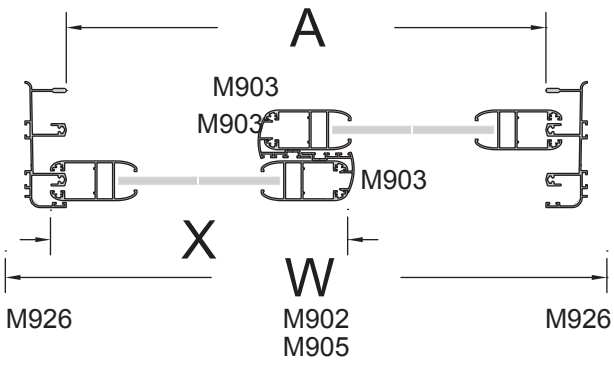
WIDTH OF SASH $X_2 = \frac{W - 7}{2}$ mm
WIDTH OF SASH $X_2 = \frac{A+78.6}{2}$ mm

HEIGHT OF SASH Y = H - 66 mm
HEIGHT OF SASH Y = H_1 +20 mm



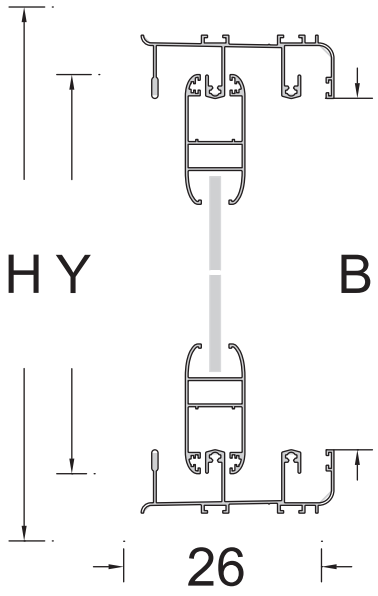
1c)



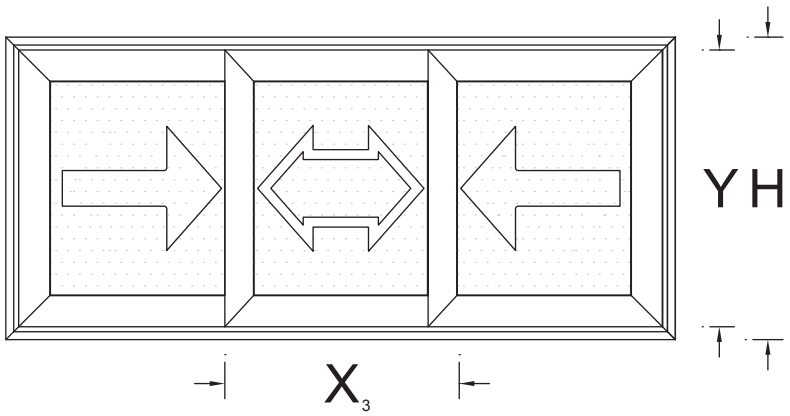


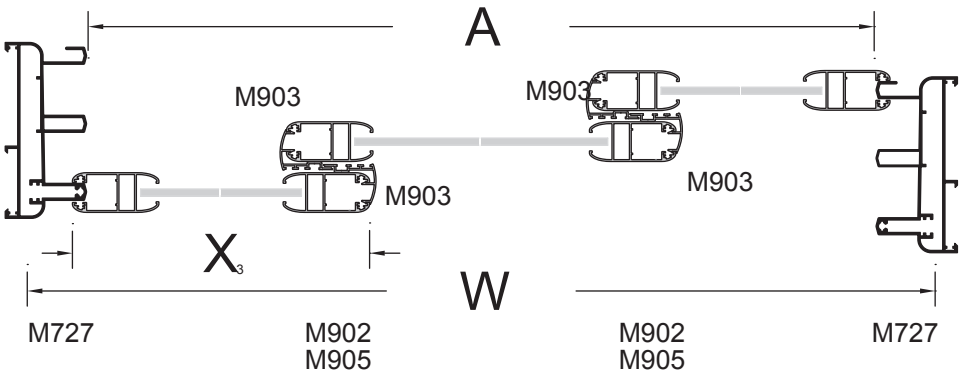
WIDTH OF SASH $X = \frac{W+21}{2}$ mm
WIDTH OF SASH $X = \frac{A+78.6}{2}$ mm

HEIGHT OF SASH Y = H - 40 mm
HEIGHT OF SASH Y = B +20 mm

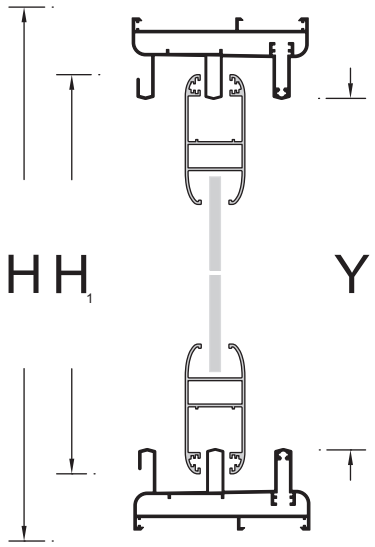


2a)

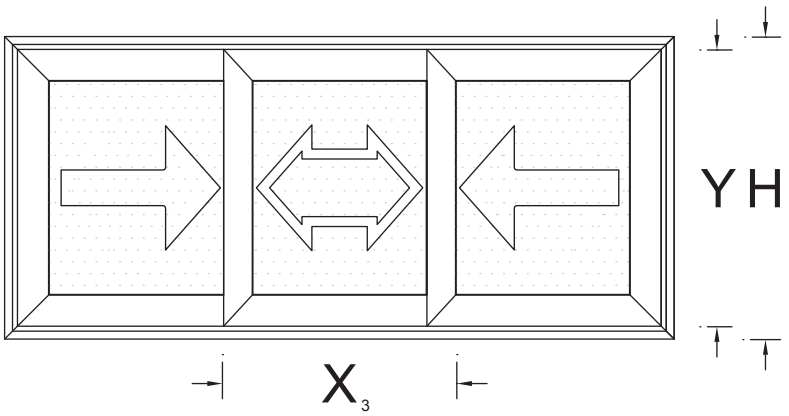


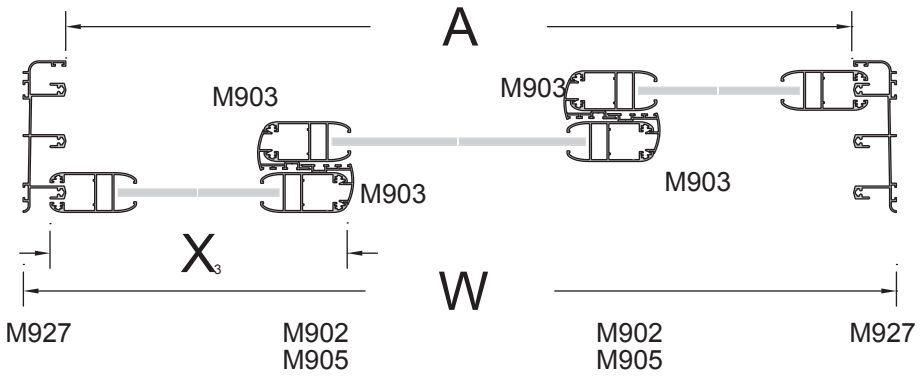


WIDTH OF SASH $X_3 = \frac{W+51}{3}$ mm
WIDTH OF SASH $X_3 = \frac{A+137}{3}$ mm
HEIGHT OF SASH Y = H - 66 mm
HEIGHT OF SASH Y = H_1 +20 mm



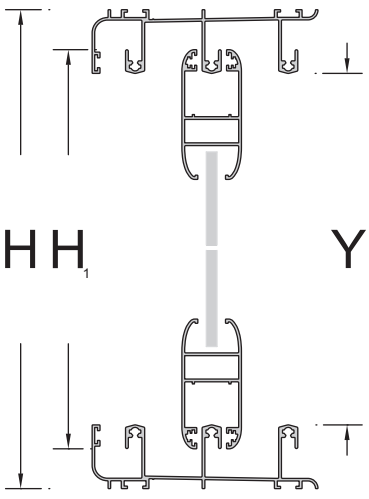
2b)



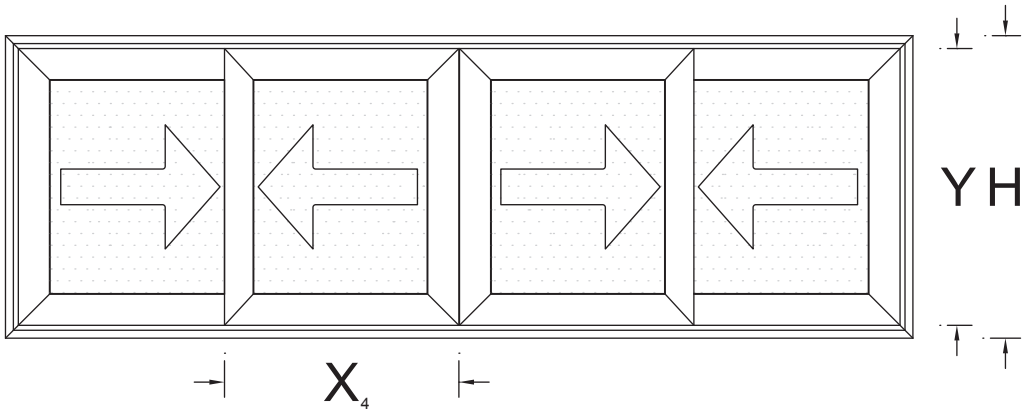


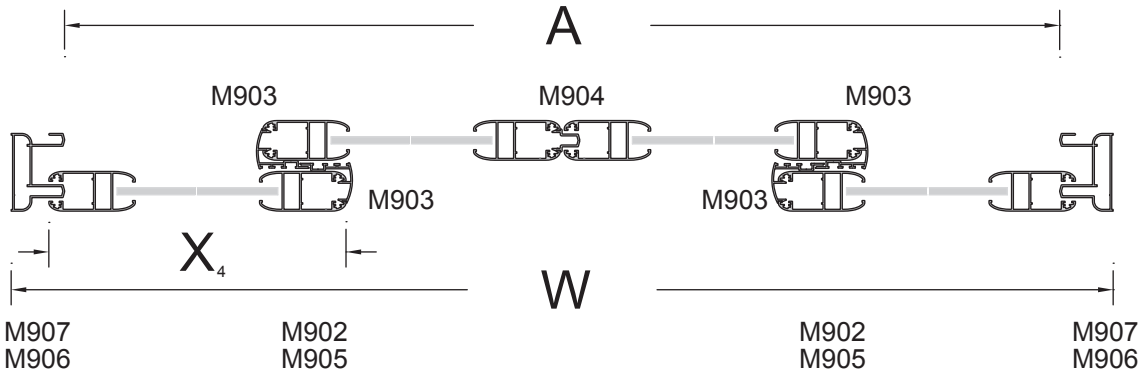
WIDTH OF SASH $X_3 = \frac{W+77}{3}$ mm
WIDTH OF SASH $X_3 = \frac{A+137}{3}$ mm

HEIGHT OF SASH Y = H - 40 mm
HEIGHT OF SASH Y = H_1+20 mm



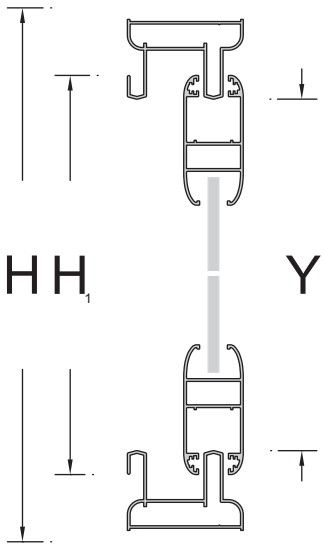
3a)



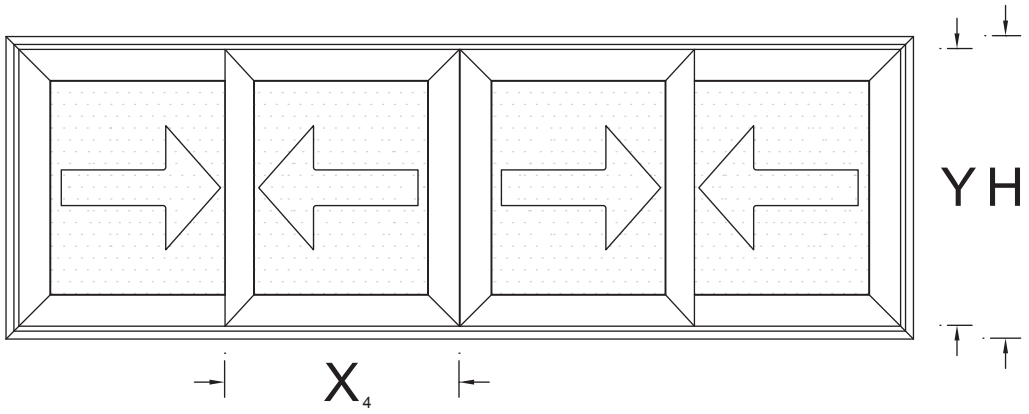


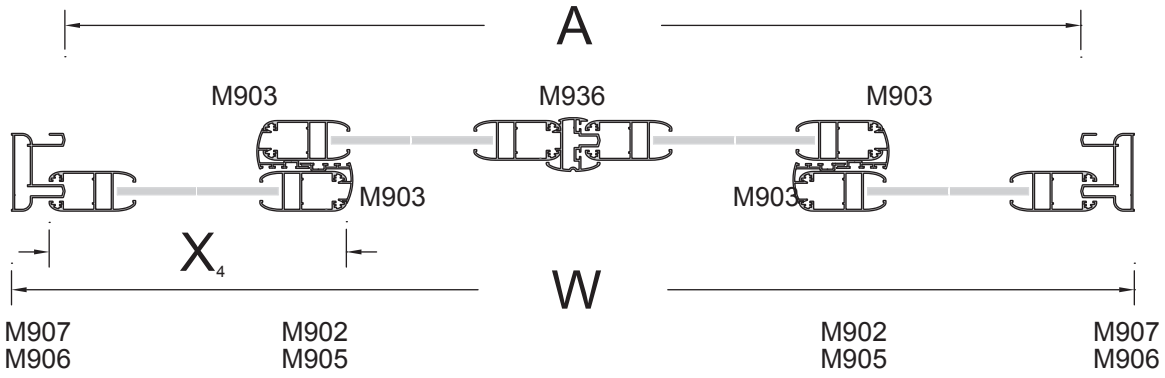
WIDTH OF SASH $X_4 = \frac{W+58,3}{4}$ mm
WIDTH OF SASH $X_4 = \frac{A+133}{4}$ mm

HEIGHT OF SASH Y = H - 55 mm
HEIGHT OF SASH Y = H_1 +20 mm

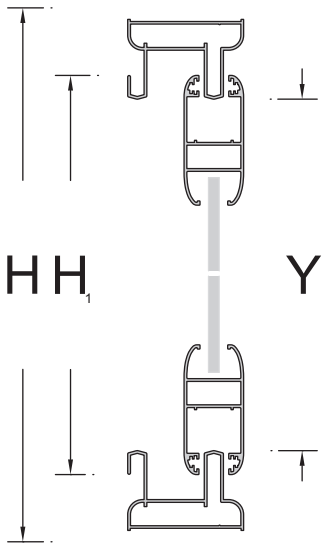


3b)

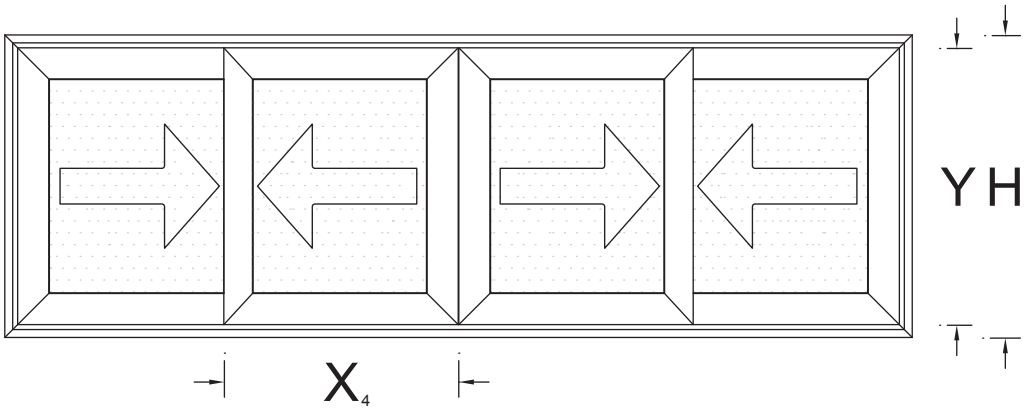


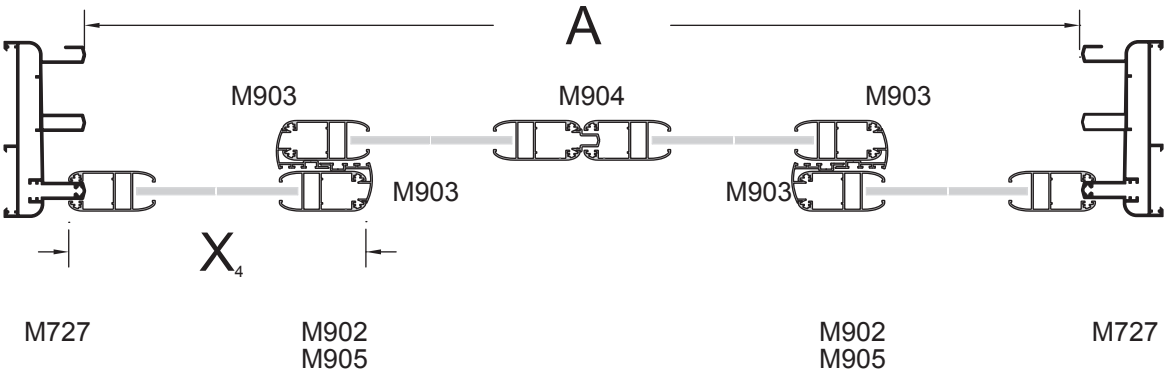


WIDTH OF SASH $X_4 = \frac{W + 44}{4}$ mm
WIDTH OF SASH $X_4 = \frac{A + 118}{4}$ mm
HEIGHT OF SASH Y = H - 55 mm
HEIGHT OF SASH Y = H_1+20 mm

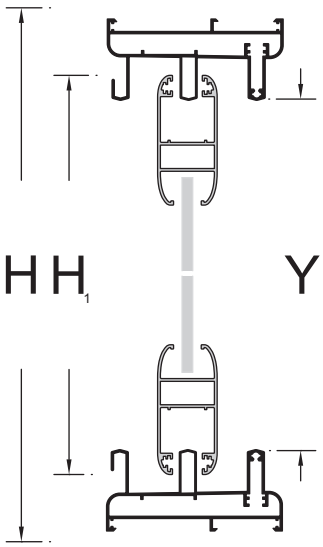


3c)

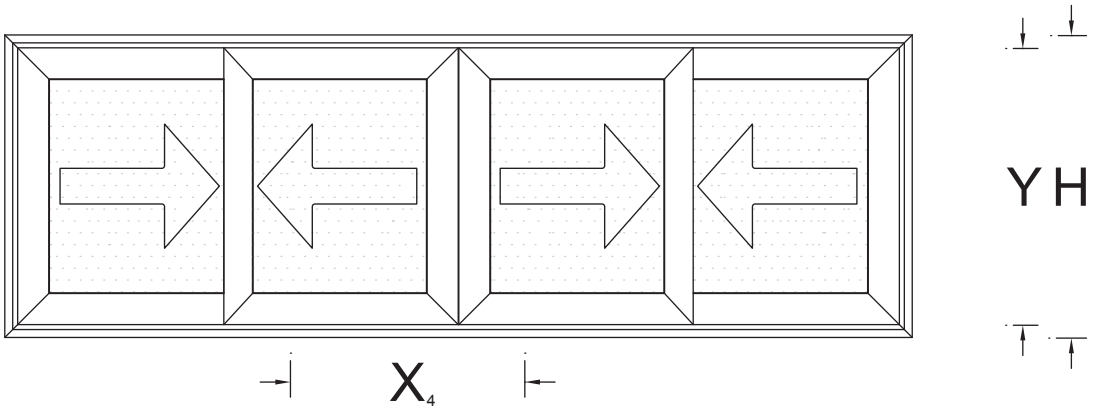


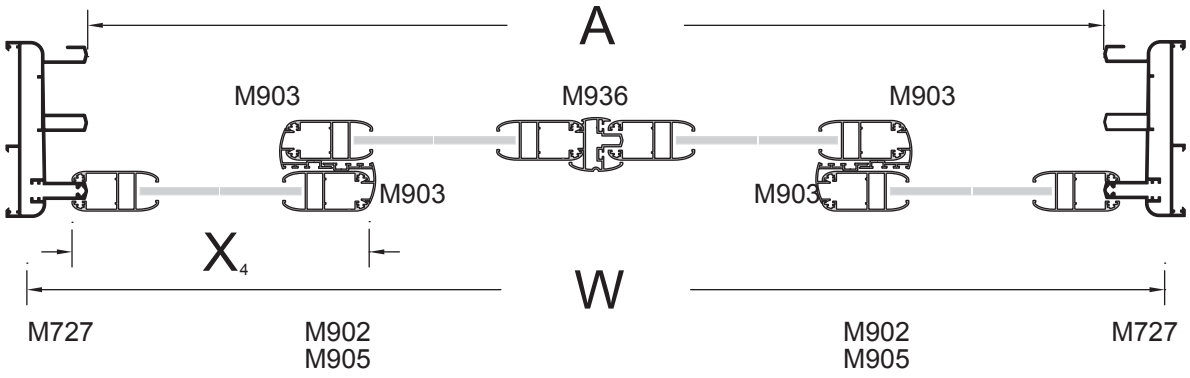


WIDTH OF SASH $X_4 = \frac{W + 47}{4}$ mm
WIDTH OF SASH $X_4 = \frac{A + 133}{4}$ mm
HEIGHT OF SASH $Y = H - 65$ mm
HEIGHT OF SASH $Y = H_1 + 20$ mm



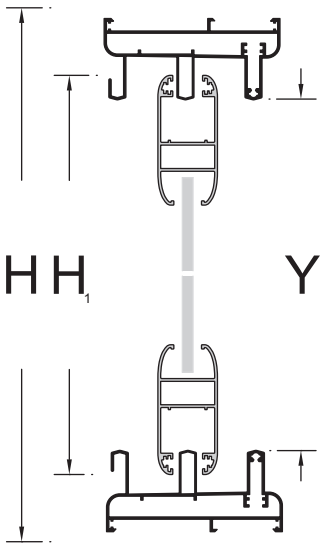
3d)



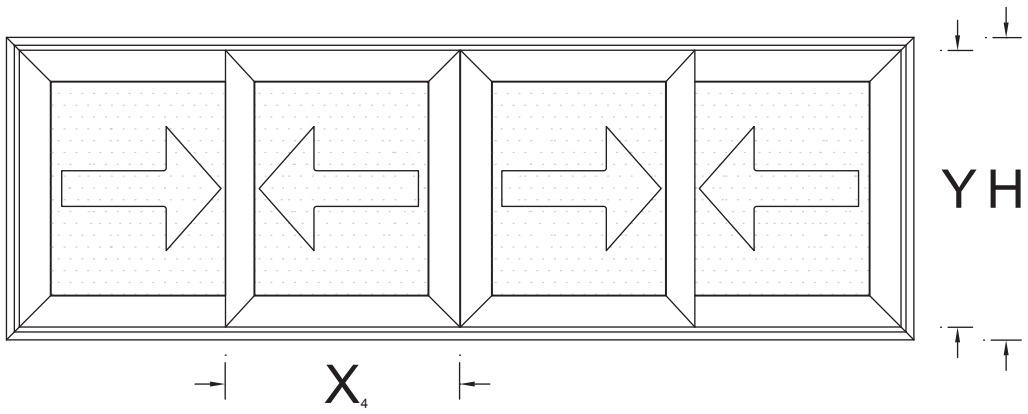


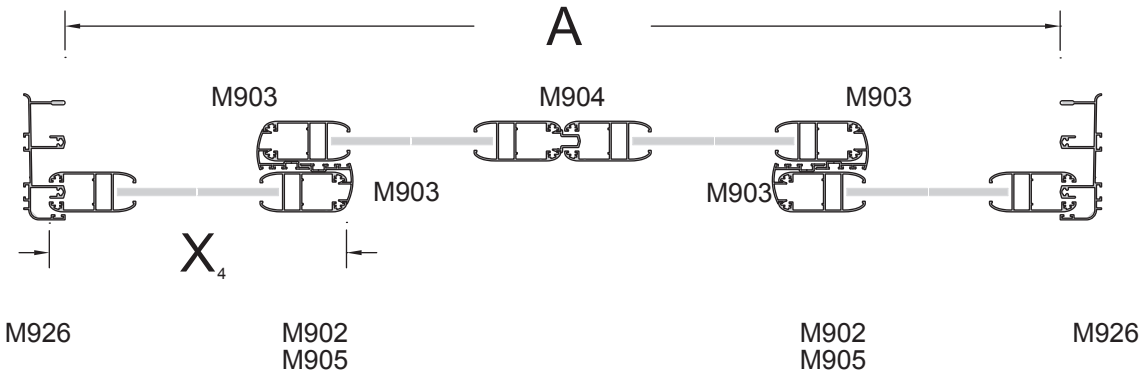
WIDTH OF SASH $X_4 = \frac{W + 35}{4}$ mm
WIDTH OF SASH $X_4 = \frac{A + 118}{4}$ mm

HEIGHT OF SASH Y = H - 65 mm
HEIGHT OF SASH Y = H_1 +20 mm



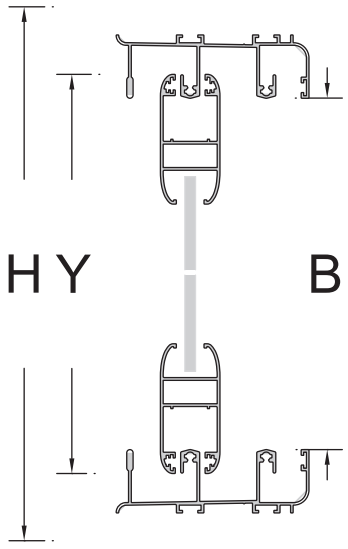
3e)



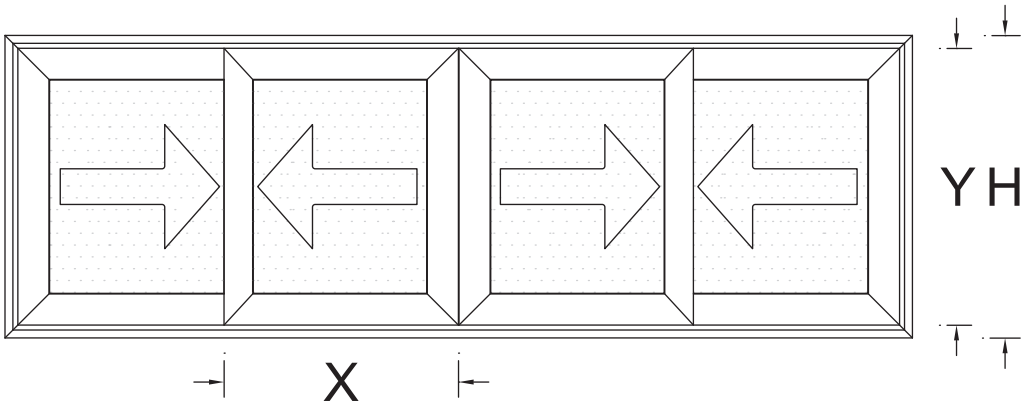


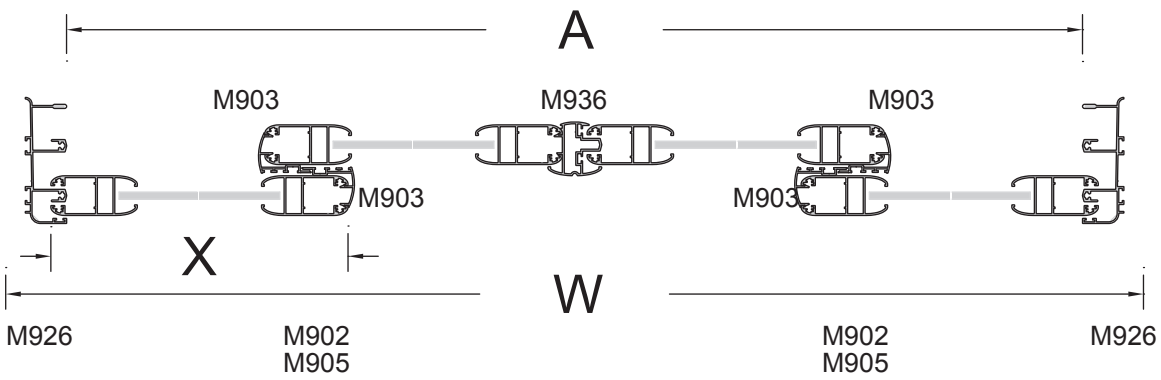
WIDTH OF SASH $X_4 = \frac{W + 78}{4}$ mm
WIDTH OF SASH $X_4 = \frac{A + 133}{4}$ mm

HEIGHT OF SASH Y = H - 40 mm
HEIGHT OF SASH Y = B +20 mm



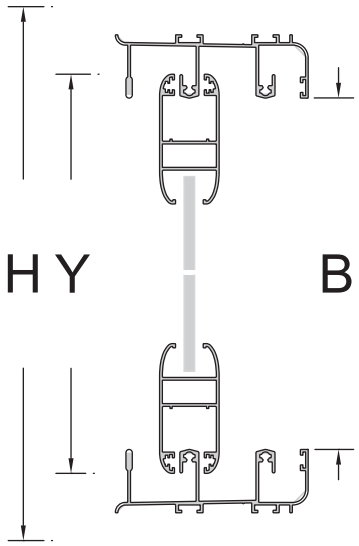
3F)





WIDTH OF SASH $X = \frac{W + 60}{4}$ mm
WIDTH OF SASH $X = \frac{A + 118}{4}$ mm

HEIGHT OF SASH Y = H - 40 mm
HEIGHT OF SASH Y = B +20 mm



ART. No : 140-11-270-00 Stock No : MS0402

DESCRIPTION : SCREW CORNER

MATERIAL : ALUMINUM PACKAGE: 250

COLOR : MILL FINISH DIMENSION: 10,2 X 34,2 mm

ART. No : 140-11-260-00 Stock No : MS0400

DESCRIPTION : SCREW CORNER

MATERIAL : ALUMINUM PACKAGE: 250

COLOR : MILL FINISH DIMENSION: 11 X 26 mm

ART. No : 140-11-190-00 Stock No : MO4100

DESCRIPTION : SCREW CORNER

MATERIAL : ALUMINUM PACKAGE: 250

COLOR : MILL FINISH DIMENSION: 11 X 19 mm

ART. No : 120-00-360-00 Stock No : MS3600

DESCRIPTION : SCREW CORNER

MATERIAL : ALUMINUM PACKAGE:1000

COLOR : MILL FINISH

ART. No : 140-00-219-00 Stock No : AT0219

DESCRIPTION : SCREW CORNER

MATERIAL : STEEL PACKAGE: 100-400

COLOR : MILL FINISH

ART. No : 120-90-080-00 Stock No : MS1300

DESCRIPTION : SCREW CORNER

MATERIAL : POLYAMIDE PACKAGE: 300

ART. No : 140-90-280-00 Stock No : MS3400

DESCRIPTION : SCREW CORNER

MATERIAL : POLYAMIDE PACKAGE: 200

ART. No : 311-00-025-00 Stock No : MS2500

DESCRIPTION : BUFFER

MATERIAL : POLYAMIDE PACKAGE: 200

ART. No : 180-19-000-00 Stock No : MO1900

DESCRIPTION : ALIGNMENT CORNER

MATERIAL : STEEL PACKAGE: 1-20 X 500

ART. No : 600-01-200-00 Stock No : MS0101

DESCRIPTION : SINGLE WHEEL

MATERIAL : ALUMINUM PACKAGE: 4-160

ART. No : 600-01-101-00 Stock No : MS0100

DESCRIPTION : SINGLE WHEEL

MATERIAL : POLYAMIDE PACKAGE: 200

ART. No : 600-02-101-00 Stock No : MS0201

DESCRIPTION : DOUBLE WHEELS

MATERIAL : PVC PACKAGE: 4-100

ART. No : 600-02-204-00 Stock No : MS0204

DESCRIPTION : DOUBLE WHEELS

MATERIAL : ALUMINUM PACKAGE: 4-120

ART. No : 600-02-206-00 Stock No : MS2300

DESCRIPTION : ADJUSTABLE WHEEL

MATERIAL : PVC PACKAGE: 4-200

ART. No : 600-29-008-00 Stock No : MS2000

DESCRIPTION : WHEELS FOR FLY-SCREENS

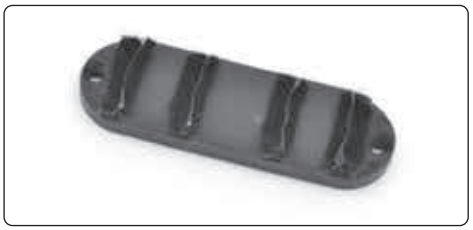
MATERIAL : PVC PACKAGE: 20-500

ART. No : 660-00-903-00

DESCRIPTION : CENTRAL SEAL

MATERIAL : PVC PACKAGE: 10-400

COLOR : BLACK PROFILE: M903



ART. No : 660-09-203-00

DESCRIPTION : CENTRAL SEAL

MATERIAL : PVC PACKAGE: 8-240

COLOR : BLACK PROFILE: M9203

ART. No : 660-09-233-00

DESCRIPTION : CENTRAL SEAL

MATERIAL : PVC PACKAGE: 8-240

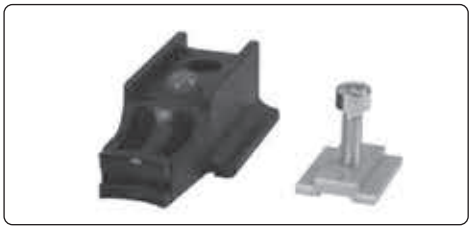
COLOR : BLACK PROFILE: M9233

ART. No : 650-03-300-00 Stock No : MS0330

DESCRIPTION : BUFFER

MATERIAL : POLYAMIDE PACKAGE: 8-1000

COLOR : BLACK



ART. No : 650-03-010-00 Stock No : MS0301

DESCRIPTION : BUFFER

MATERIAL : POLYAMIDE PACKAGE: 8-480

COLOR : BLACK

ART. No : 311-09-203-00 Stock No : MS9203

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE PACKAGE: 480

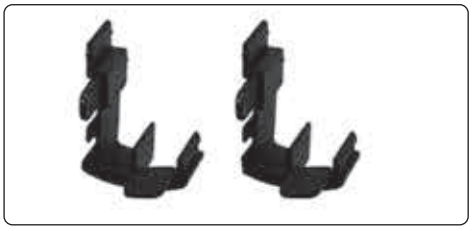
COLOR : BLACK PROFILE: M9203

ART. No : 311-09-233-00 Stock No : MS9233

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE PACKAGE: 240

COLOR : BLACK PROFILE: M9233



ART. No : 311-90-003-00 Stock No : MS90300

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE PACKAGE: 200

COLOR : BLACK

ART. No : 311-00-015-00 Stock No : MS1500

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE PACKAGE: 800

COLOR : BLACK

ART. No : 311-09-244-00 Stock No : MS09244

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE PACKAGE: 360

COLOR : BLACK PROFILE: M9244

ART. No : 311-00-936-00

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE PACKAGE: 70

COLOR : BLACK

ART. No : 160-00-900-00 Stock No : MS3000

DESCRIPTION : "T" CONNECTOR

MATERIAL : POLYAMIDE PACKAGE: 50

COLOR : BLACK

ART. No : 311-92-190-00 Stock No : MS14219

DESCRIPTION : END COVER

MATERIAL : POLYAMIDE PACKAGE: 300

COLOR : BLACK PROFILE: M9219

ART. No : 630-78-000-03

DESCRIPTION : LOCKER FOR SLIDING DOORS

MATERIAL : ALUMINUM PACKAGE: 50

COLOR : BLACK

ART. No : 630-79-000-03 Stock No : SSM557

DESCRIPTION : LOCKER FOR SLIDING DOORS WITH HANDLE

MATERIAL : ALUMINUM PACKAGE: 50

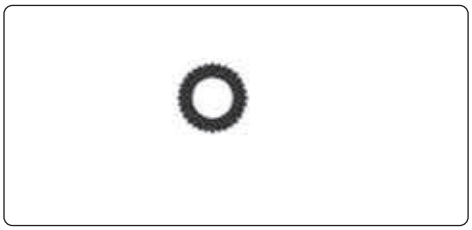
COLOR : BLACK, WHITE

ART. No : 240-81-000-00 Stock No : MO81

DESCRIPTION : GASKET

MATERIAL : EPDM

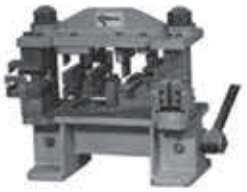
COLOR : BLACK



ART. No : 250-07-310-00 Stock No : BRK-01

DESCRIPTION : GASKET FOR FLY – SCREEN

MATERIAL : PVC COLOR: BLACK



ART. No : 800-02-400-00 Stock No : Punch 7 Op.

DESCRIPTION : MANUAL PUNCH MACHINE