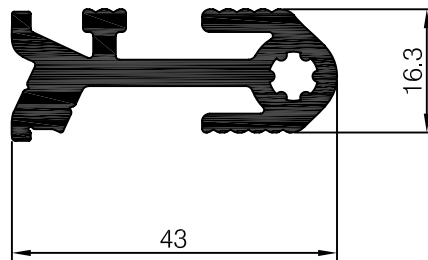


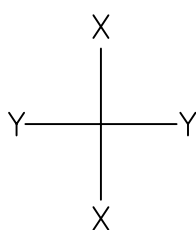
CS900 - 'T' CLEAT



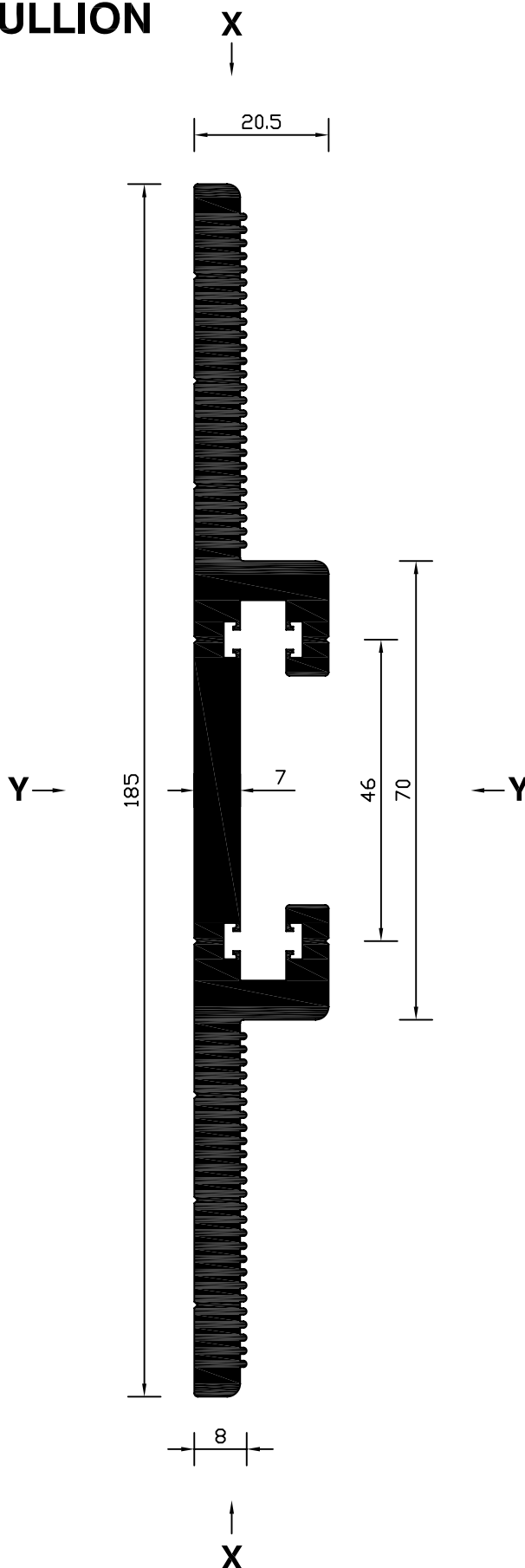
PERIPHERY = N/A
STD. LENGTH = 6450
BOX QTY. = 8
NO VISIBLBE SURFACE

CS901 - CURTAIN WALL MULLION FIXING PLATE

PERIPHERY = N/A
STD. LENGTH = 6450
BOX QTY. = 2



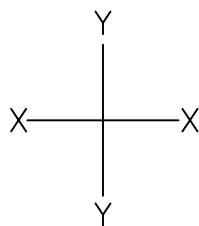
$$\begin{aligned} I_{XX} &= 4.2 \text{ cm}^4 \\ I_{YY} &= 408.5 \text{ cm}^4 \\ Z_{XX} &= 2.8 \text{ cm}^3 \\ Z_{YY} &= 44.1 \text{ cm}^3 \end{aligned}$$



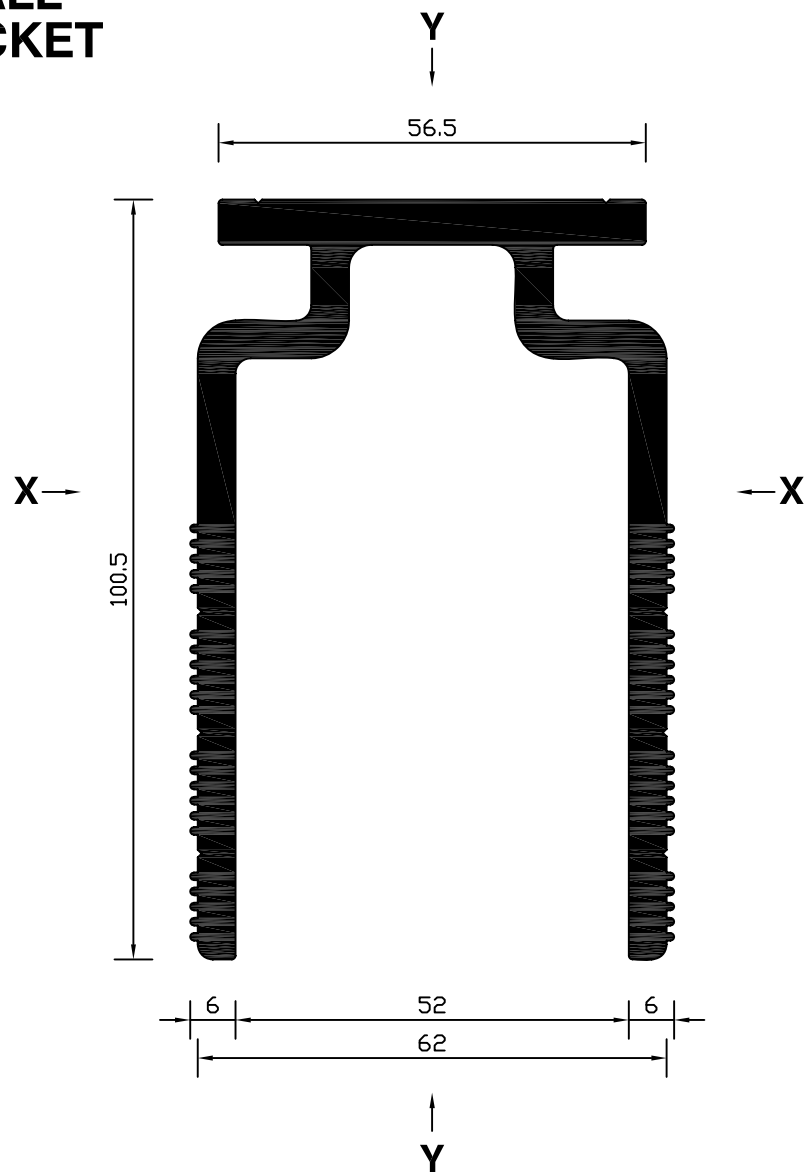
ALL DIMENSIONS IN MM

CS902 - CURTAIN WALL FIXING BRACKET

PERIPHERY = N/A
STD. LENGTH = 6450
BOX QTY. = 2

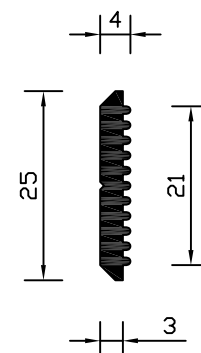


$$\begin{aligned} I_{XX} &= 143.5 \text{ cm}^4 \\ I_{YY} &= 87.7 \text{ cm}^4 \\ Z_{XX} &= 23.2 \text{ cm}^3 \\ Z_{YY} &= 27.4 \text{ cm}^3 \end{aligned}$$



CS903 - CURTAIN WALL CLEAT FIXING PLATE

PERIPHERY = N/A
STD. LENGTH = 6450
BOX QTY. = 32



ALL DIMENSIONS IN MM

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and coordinate systems.

Dimensions:

- Overall length: 183.5
- Top flange width: 20.5
- Top flange thickness: 8
- Top flange height: 70
- Top flange width (inner section): 46
- Top flange thickness (inner section): 7

Coordinate Systems:

- Top View:** X-axis points right, Y-axis points down.
- Side View:** X-axis points up, Y-axis points left.

A diagram consisting of a central point from which four lines extend outwards, forming a cross. The top and bottom lines are labeled with the letter 'X', and the left and right lines are labeled with the letter 'Y'.

$$\underline{I_{XX} = 4.2 \text{ cm}^4}$$

$$I_{YY} = 464.6 \text{ cm}^4$$

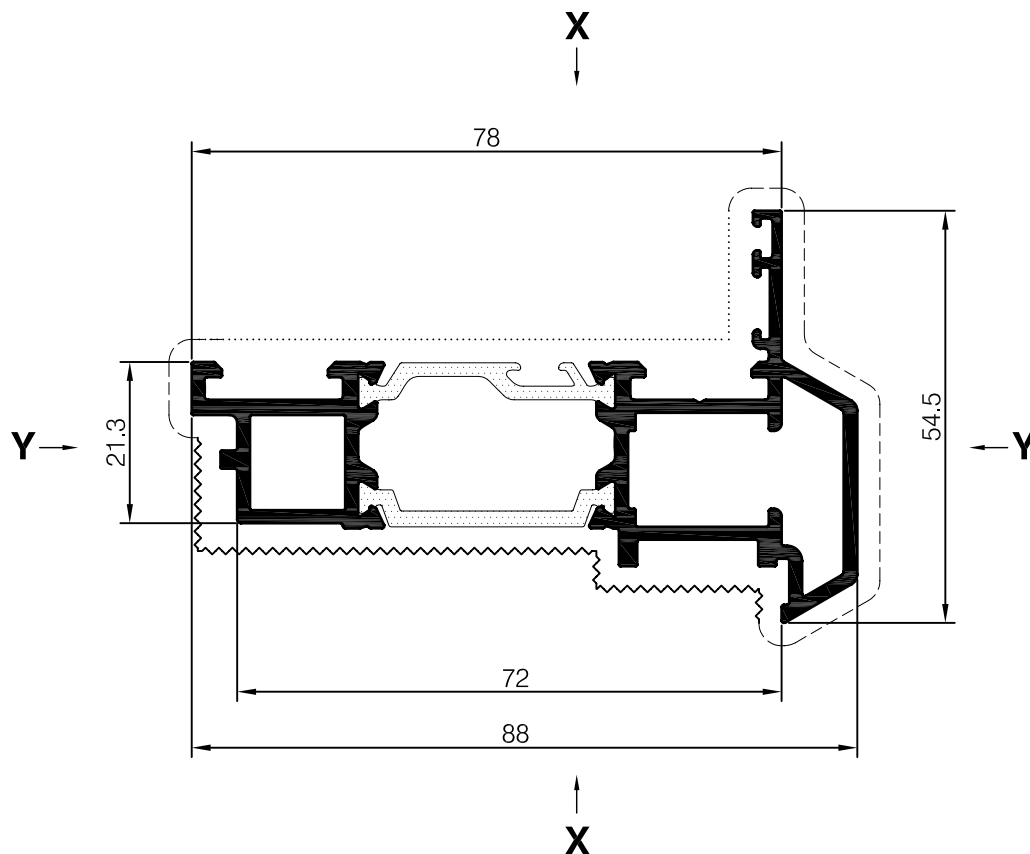
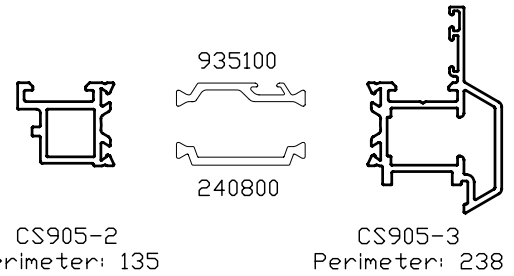
$$ZXX = 2.8 \text{ cm}^3$$

$$ZYY = 46.4 \text{ cm}^3$$

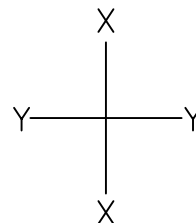


ALL DIMENSIONS IN MM

**CS905 - REVERSE ADAPTOR
OPEN OUT DOOR**



PERIPHERY = 354
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

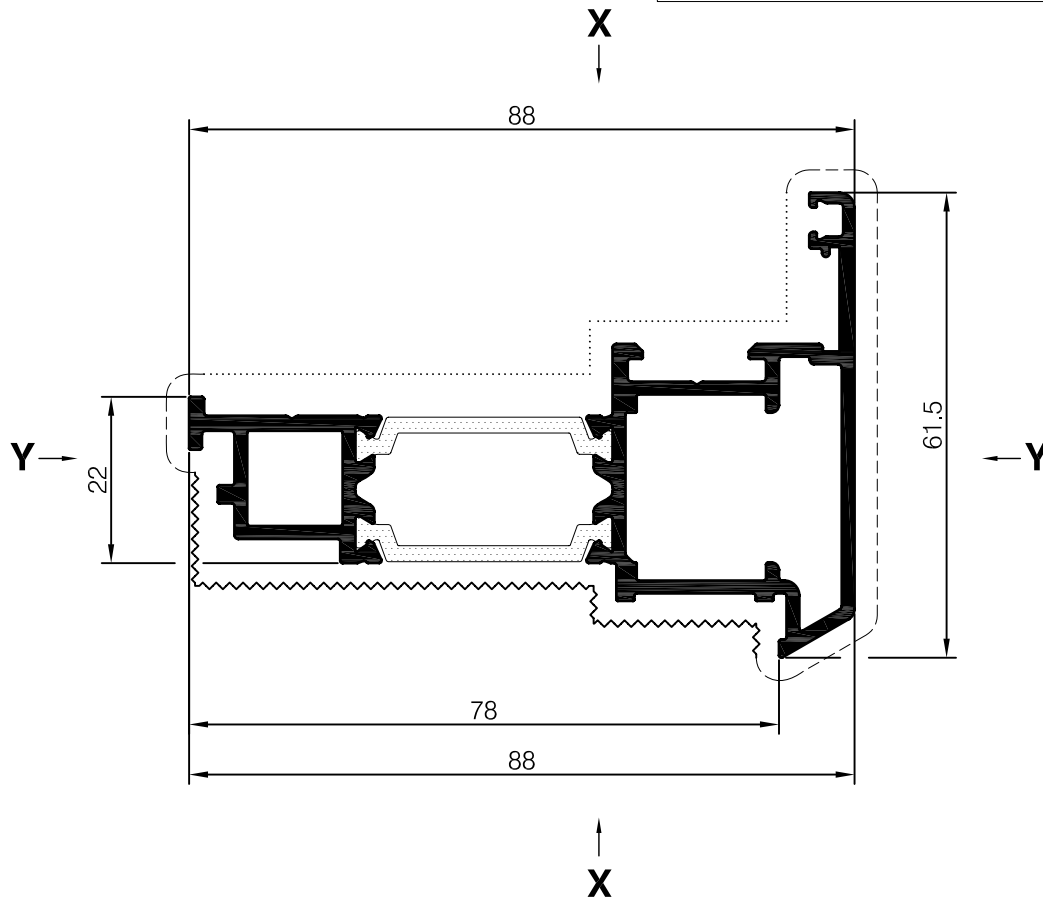
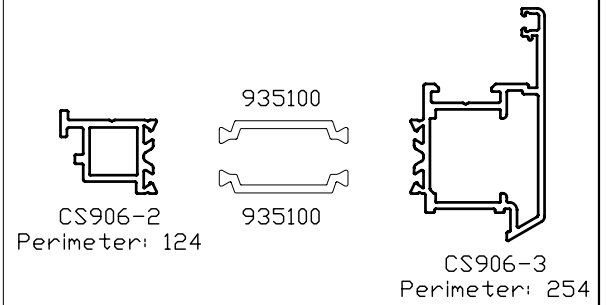


$$\begin{aligned} I_{XX} &= 42.0 \text{ cm}^4 \\ I_{YY} &= 5.9 \text{ cm}^4 \\ Z_{XX} &= 8.2 \text{ cm}^3 \\ Z_{YY} &= 1.9 \text{ cm}^3 \end{aligned}$$

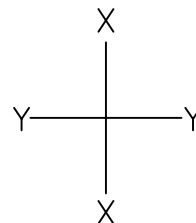


ALL DIMENSIONS IN MM

**CS906 - REVERSE ADAPTOR
OPEN OUT VENT**

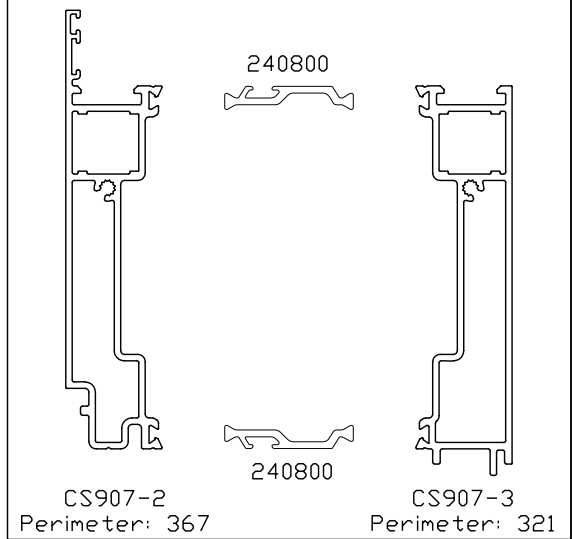
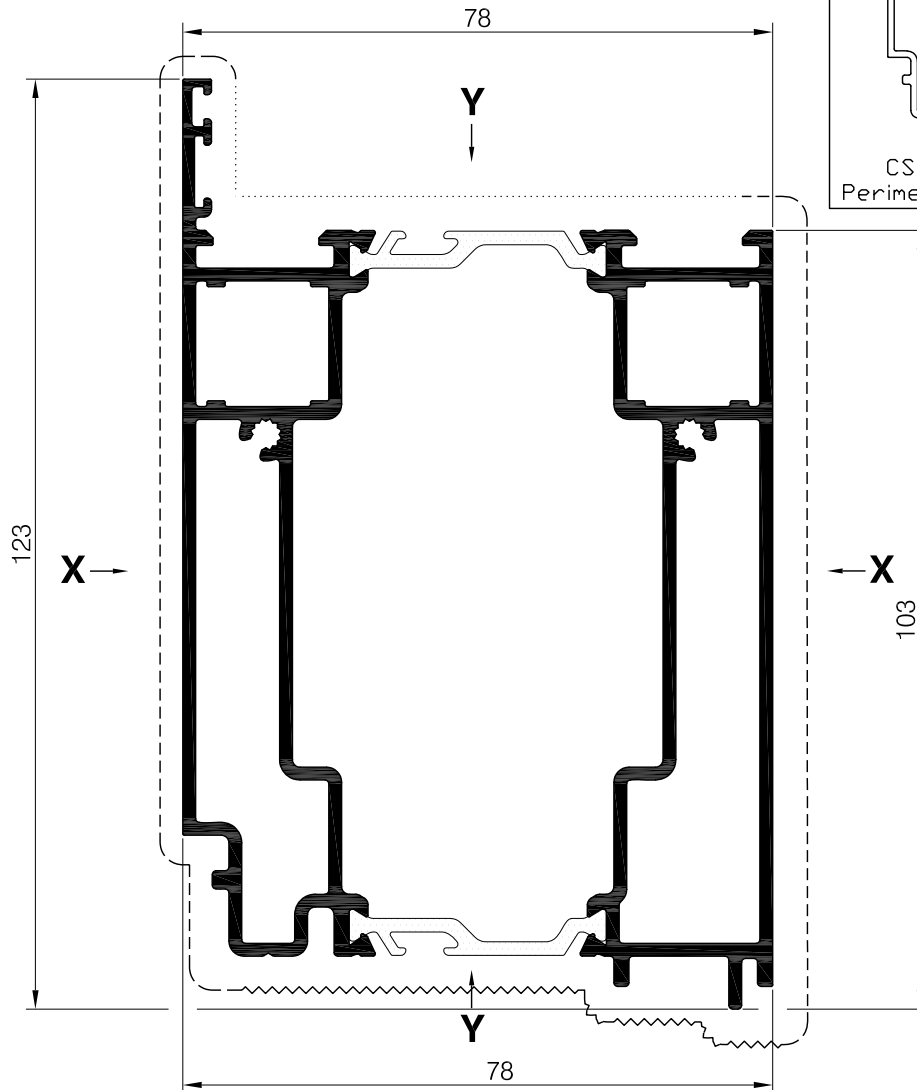


PERIPHERY = 351
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

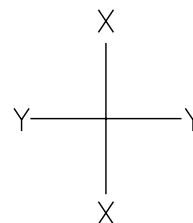


$\frac{I_{XX}}{I_{YY}} = 45.3 \text{ cm}^4$
 $\frac{I_{YY}}{I_{XX}} = 9.5 \text{ cm}^4$
 $\frac{Z_{XX}}{Z_{YY}} = 8.4 \text{ cm}^3$
 $\frac{Z_{YY}}{Z_{XX}} = 2.7 \text{ cm}^3$

**CS907 - 100MM ADD ON
SIGHT LINE**



PERIPHERY = 506
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

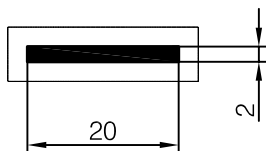


$IXX = 93.9 \text{ cm}^4$
 $IYY = 119.6 \text{ cm}^4$
 $ZXX = 23.5 \text{ cm}^3$
 $ZYY = 18.4 \text{ cm}^3$



ALL DIMENSIONS IN MM

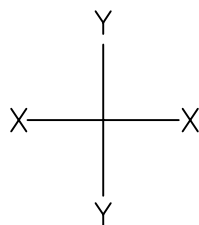
CS908 - 20 x 2mm FLAT PROFILE



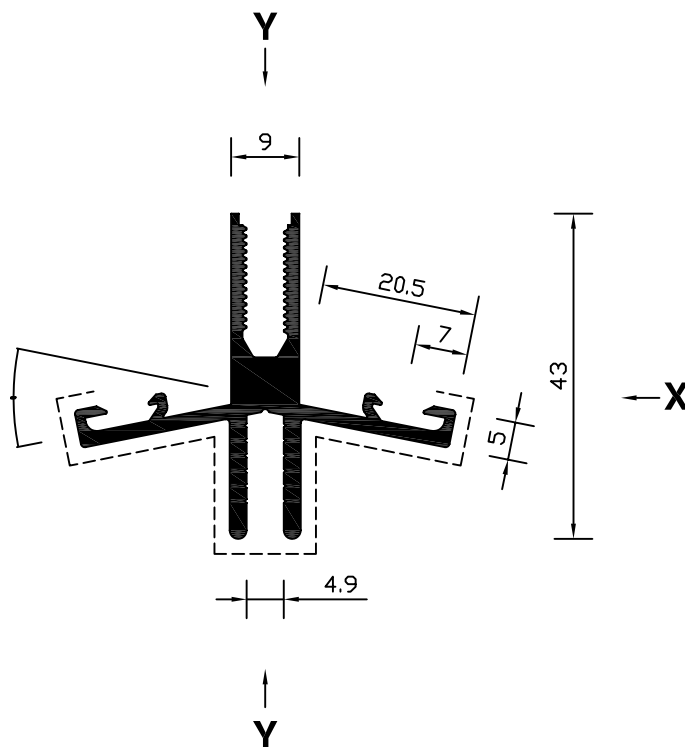
PERIPHERY = 44
STD. LENGTH = 6450
BOX QTY. = 20
VISIBLE SURFACE -----

CS910 - CURTAIN WALL APPLIED 22.5° CORNER

PERIPHERY = 309
STD. LENGTH = 6450
BOX QTY. = 8
VISIBLE SURFACE -----



X →



$$I_{XX} = 2.6 \text{ cm}^4$$

$$I_{YY} = 2.9 \text{ cm}^4$$

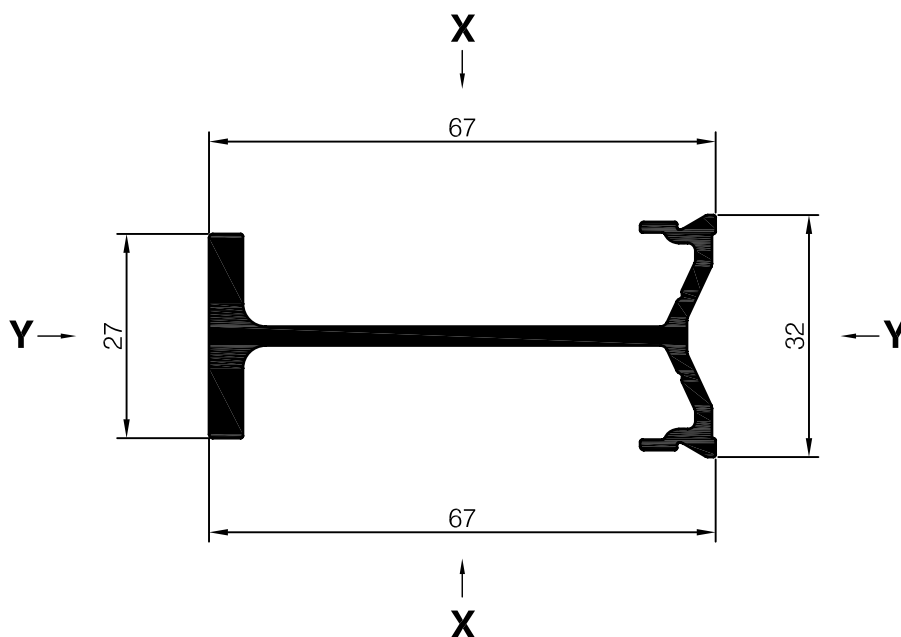
$$Z_{XX} = 1.0 \text{ cm}^3$$

$$Z_{YY} = 1.1 \text{ cm}^3$$

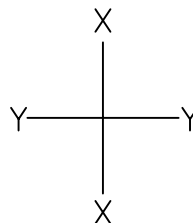


ALL DIMENSIONS IN MM

CS911 - 67MM STRUCTURAL "I" BEAM



PERIPHERY = 267
STD. LENGTH = 6450
BOX QTY. = 6
NO VISIBLBE SURFACE

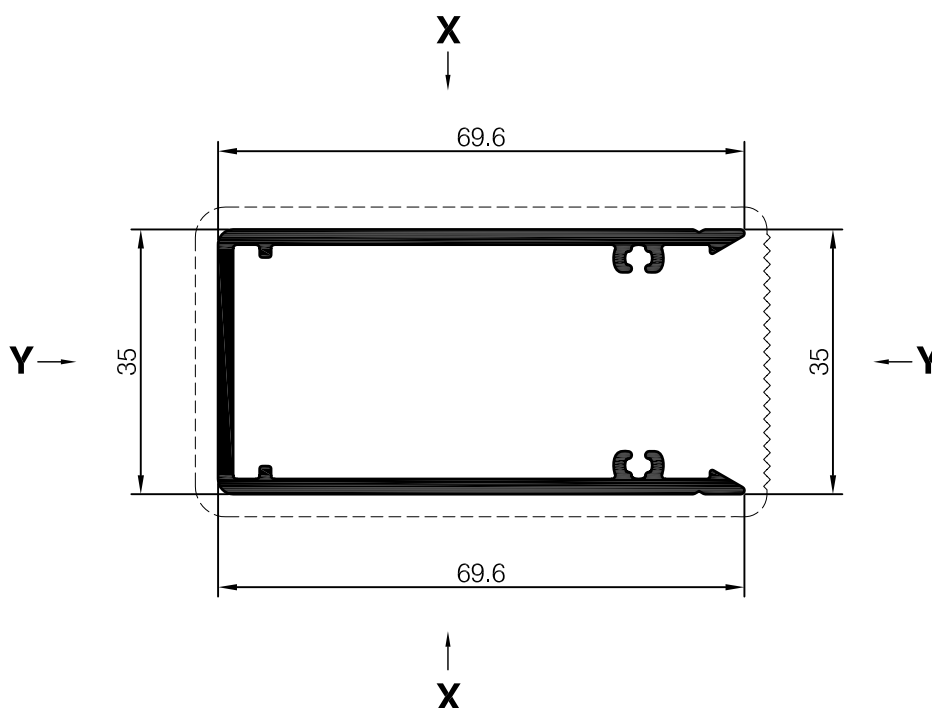


I_{XX}	$= 25.0 \text{ cm}^4$
I_{YY}	$= 1.9 \text{ cm}^4$
Z_{XX}	$= 6.9 \text{ cm}^3$
Z_{YY}	$= 1.2 \text{ cm}^3$

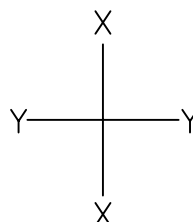


ALL DIMENSIONS IN MM

CS912 - 'I' BEAM COVER



PERIPHERY = 379
STD. LENGTH = 6450
BOX QTY. = 6
VISIBLE SURFACE -----
NON-VISIBLE SURFACE ~~~~~

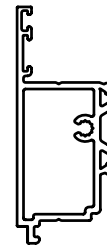


IXX	= 19.0	cm ⁴
IYY	= 8.7	cm ⁴
ZXX	= 4.9	cm ³
ZYY	= 4.8	cm ³

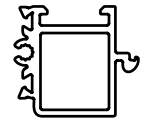
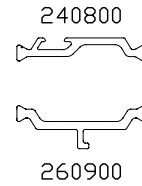


ALL DIMENSIONS IN MM

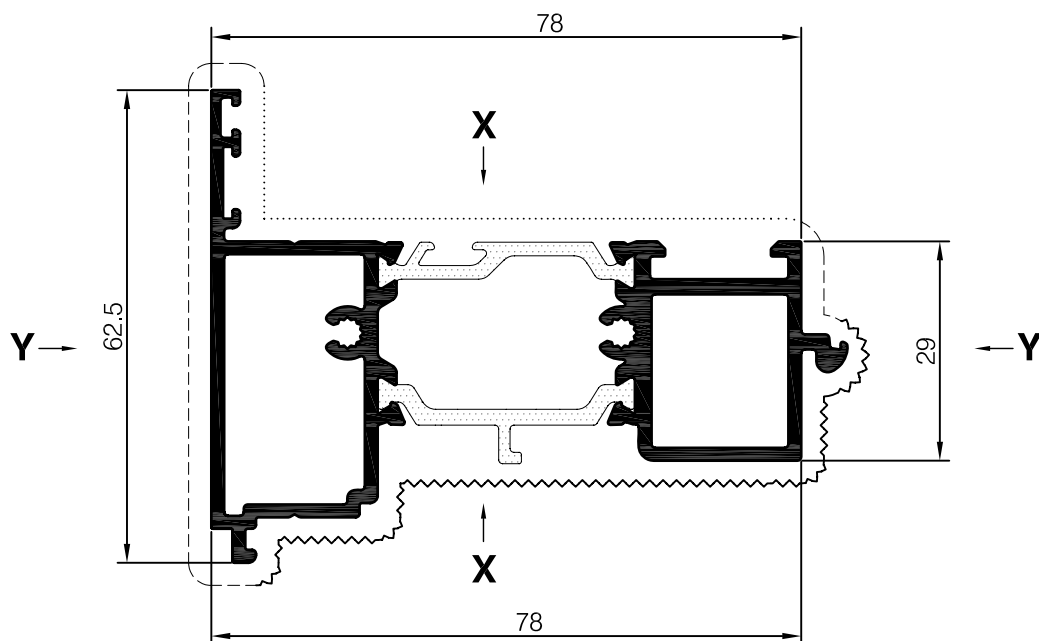
CS913 - FLOATING MULLION



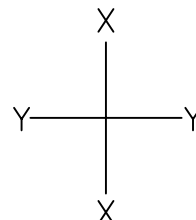
CS913-2
Perimeter: 217



CS913-3
Perimeter: 177



PERIPHERY = 392
STD. LENGTH = 6450
BOX QTY. = 3
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

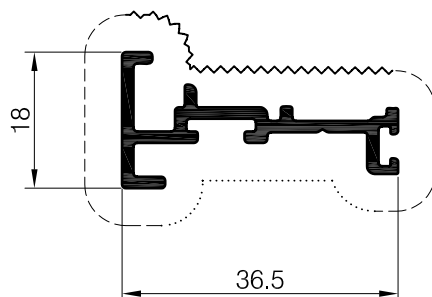


$IXX = 44.4 \text{ cm}^4$
 $IYY = 9.3 \text{ cm}^4$
 $ZXX = 9.3 \text{ cm}^3$
 $ZYY = 2.7 \text{ cm}^3$



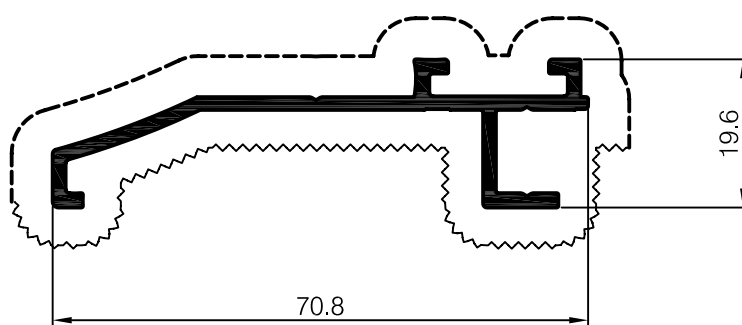
ALL DIMENSIONS IN MM

CS914 - LOW THRESHOLD GASKET CARRIER



PERIPHERY = 166
STD. LENGTH = 6450
BOX QTY. = 12
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

CS916 - ANTI FINGER TRAP ADAPTOR FOR C9



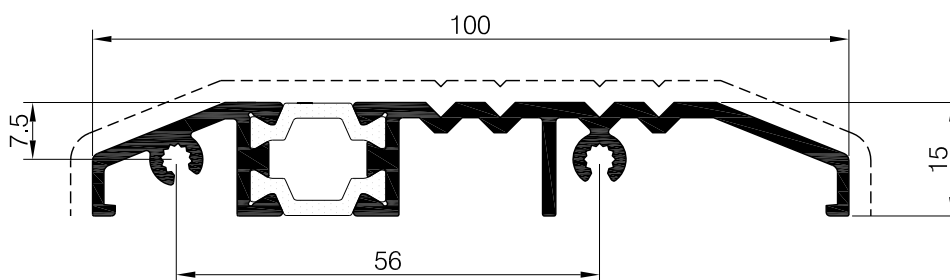
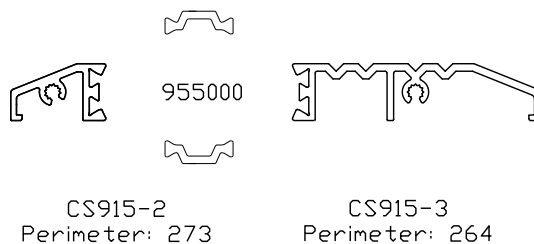
PERIPHERY = 234
STD. LENGTH = 6450
BOX QTY. = 6
VISIBLE SURFACE -----
NON-VISIBLE SURFACE ~~~~~

STANDARD PROFILES

SCALE FULL SIZE (A4)

ISSUED MAY 2014

CS915 - TRESHOLD (TB)

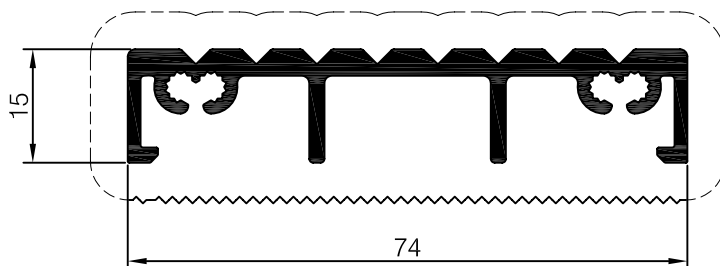


PERIPHERY = 362
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE



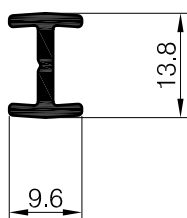
ALL DIMENSIONS IN MM

CS917 - LOW THRESHOLD



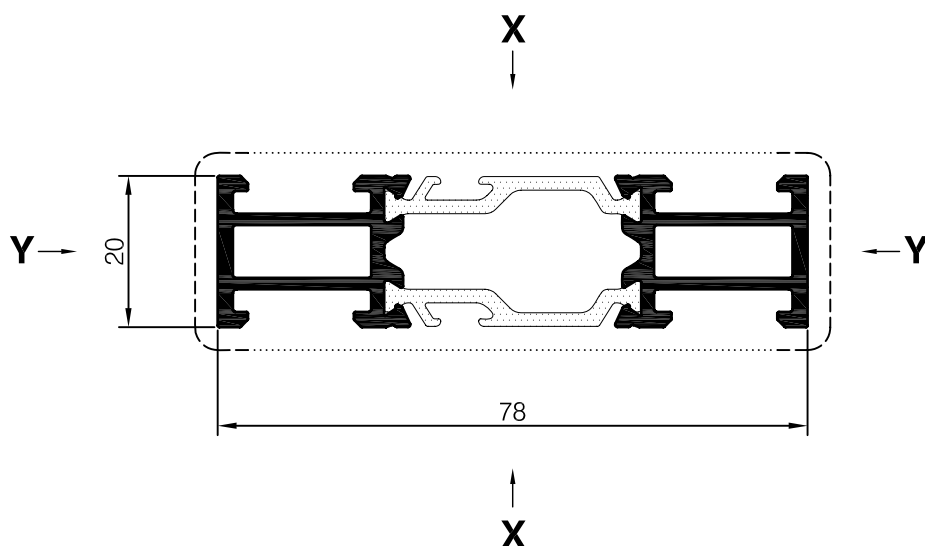
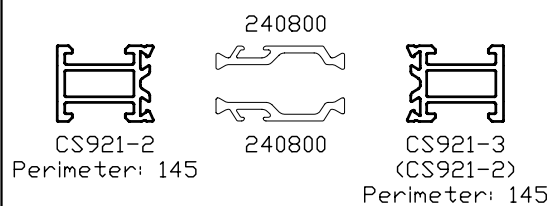
PERIPHERY = 323
STD. LENGTH = 6450
BOX QTY. = 7
VISIBLE SURFACE -----
NON-VISIBLE SURFACE ~~~~~

CS920 - IN LINE 'H' COUPLER

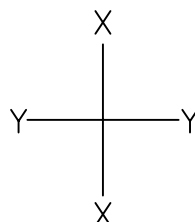


PERIPHERY = 59
STD. LENGTH = 6450
BOX QTY. = 20
NO VISIBLBE SURFACE ~~~~~

CS921 - 78 MM IN LINE COUPLER

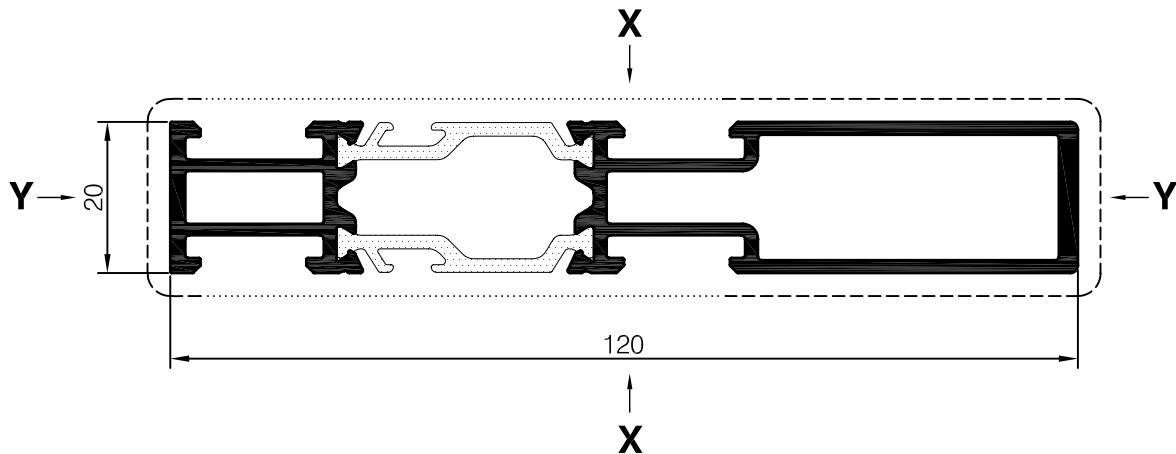
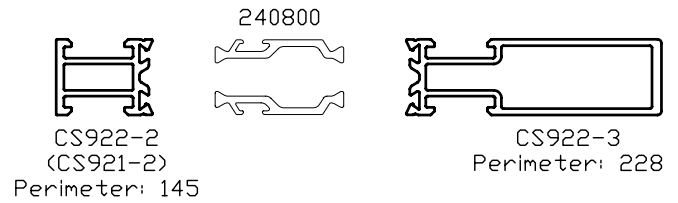


PERIPHERY = 284
STD. LENGTH = 6450
BOX QTY. = 4
VISIBLE SURFACE
SECONDARY SURFACE

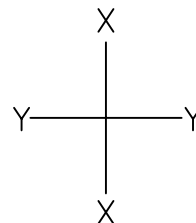


$\frac{I_{XX} = 26.4 \text{ cm}^4}{I_{YY} = 1.2 \text{ cm}^4}$
 $\frac{Z_{XX} = 6.8 \text{ cm}^3}{Z_{YY} = 1.2 \text{ cm}^3}$

**CS922 - 120 MM IN LINE
COUPLER**

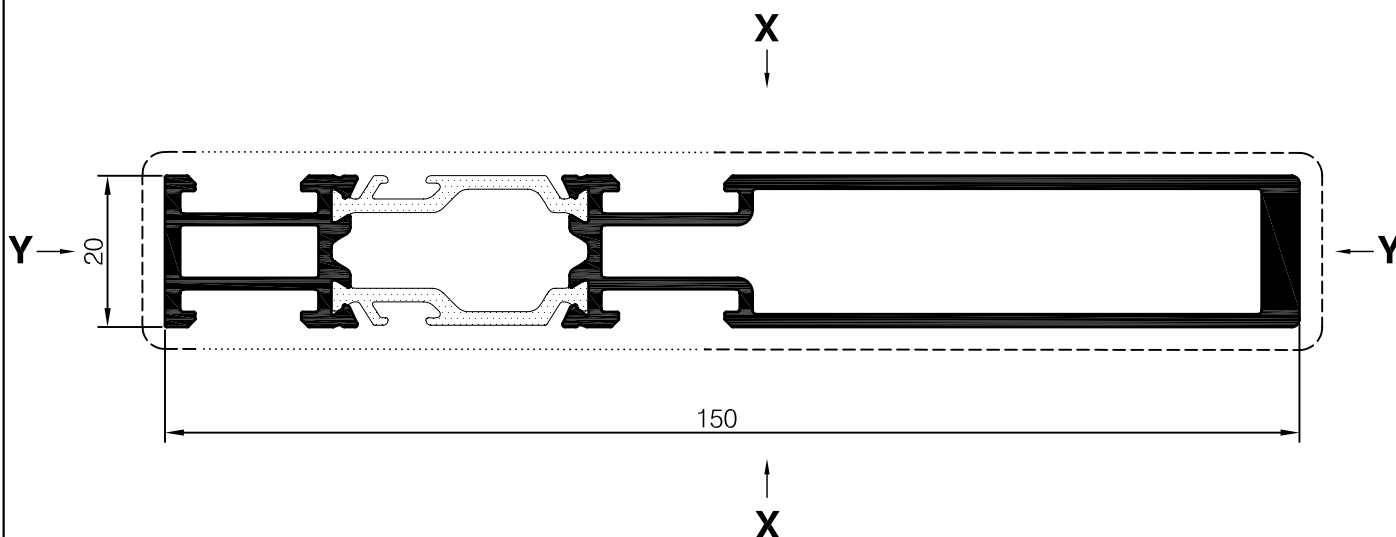
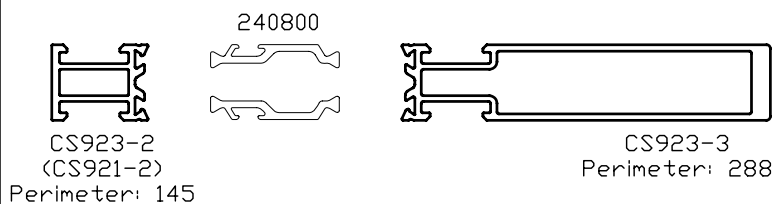


PERIPHERY = 368
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

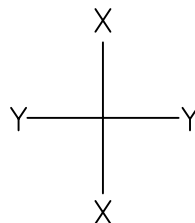


$IXX = 79.1 \text{ cm}^4$
 $IYY = 2.5 \text{ cm}^4$
 $ZXX = 13.0 \text{ cm}^3$
 $ZYY = 2.5 \text{ cm}^3$

CS923 - 150 MM IN LINE COUPLER



PERIPHERY = 428
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

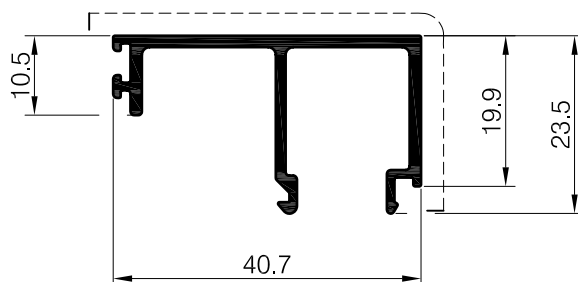


$IXX = 161.2 \text{ cm}^4$
 $IYY = 3.4 \text{ cm}^4$
 $ZXX = 20.2 \text{ cm}^3$
 $ZYY = 3.4 \text{ cm}^3$



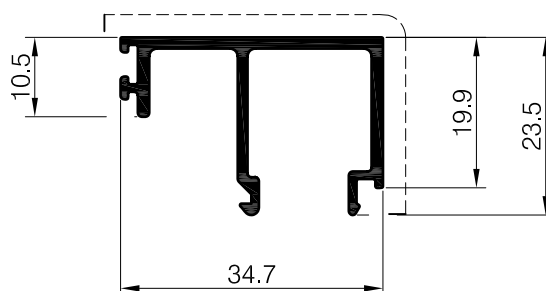
ALL DIMENSIONS IN MM

CS924 - GLAZING BEAD 17-23MM



PERIPHERY = 207
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE -----

CS925 - GLAZING BEAD 23-29MM

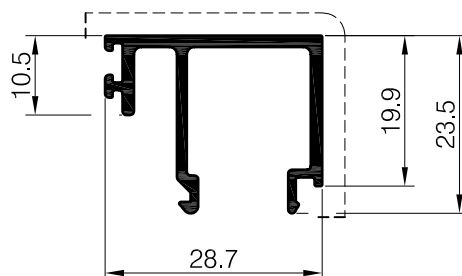


PERIPHERY = 195
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE -----



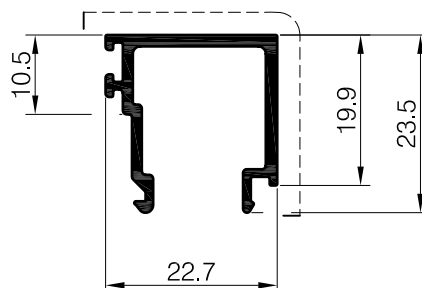
ALL DIMENSIONS IN MM

CS926 - GLAZING BEAD 29-35MM



PERIPHERY = 184
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE -----

CS927 - GLAZING BEAD 35-41MM

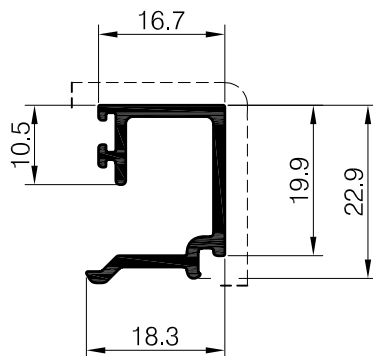


PERIPHERY = 157
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE -----



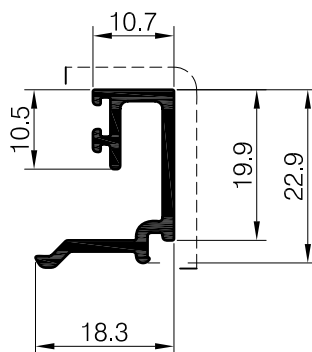
ALL DIMENSIONS IN MM

CS928 - GLAZING BEAD 41-47MM



PERIPHERY = 139
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE -----

CS929 - GLAZING BEAD 47-53MM

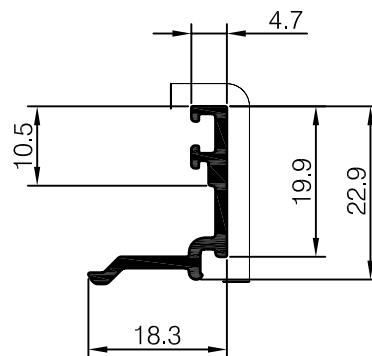


PERIPHERY = 127
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE -----



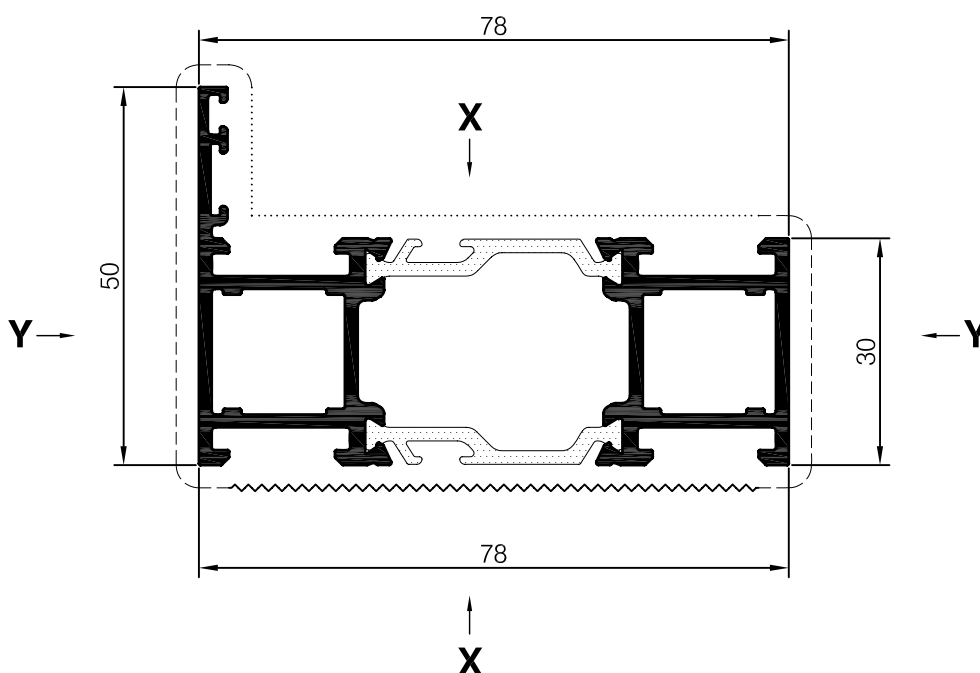
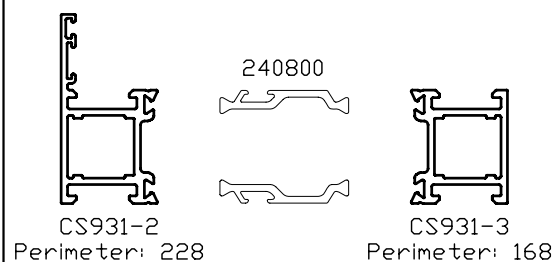
ALL DIMENSIONS IN MM

CS930 - GLAZING BEAD 53 - 62mm

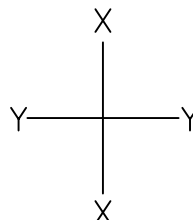


PERIPHERY = 99
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE

CS931 - 30 MM OUTER FRAME

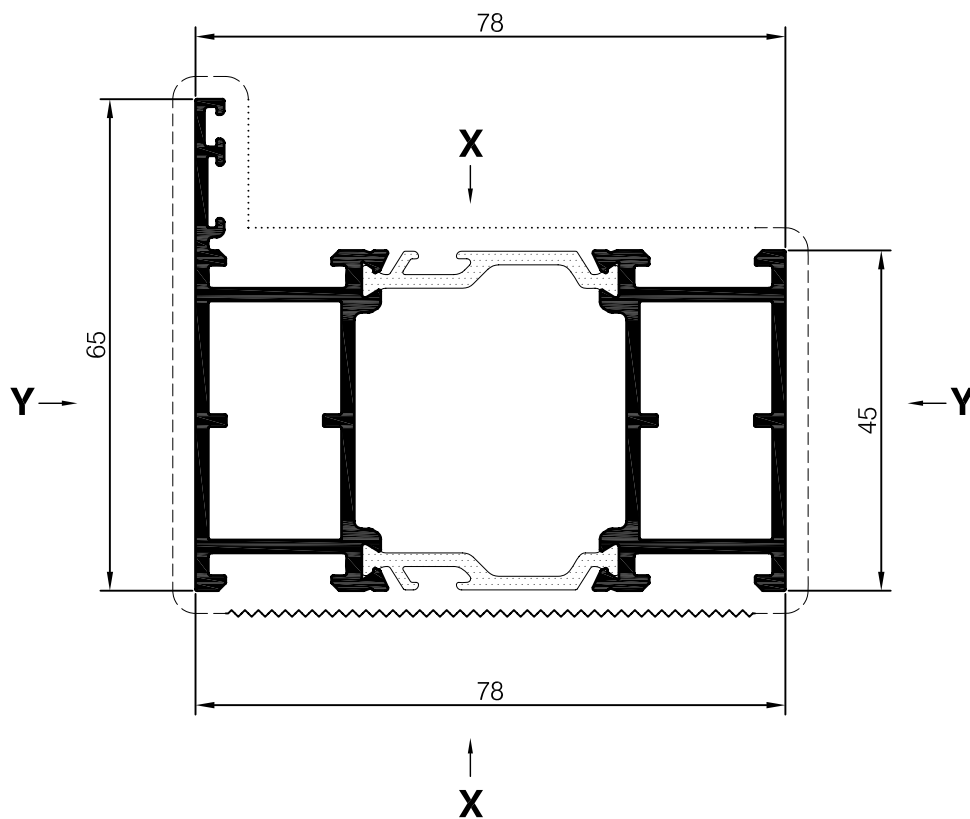
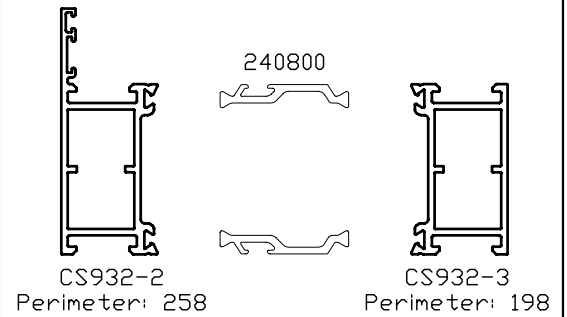


PERIPHERY = 364
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

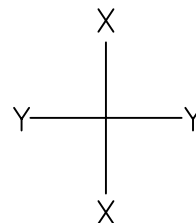


$$\begin{aligned} IXX &= 39.6 \text{ cm}^4 \\ IYY &= 6.7 \text{ cm}^4 \\ ZXX &= 9.4 \text{ cm}^3 \\ ZYY &= 2.0 \text{ cm}^3 \end{aligned}$$

CS932 - 45 MM OUTER FRAME



PERIPHERY = 395
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

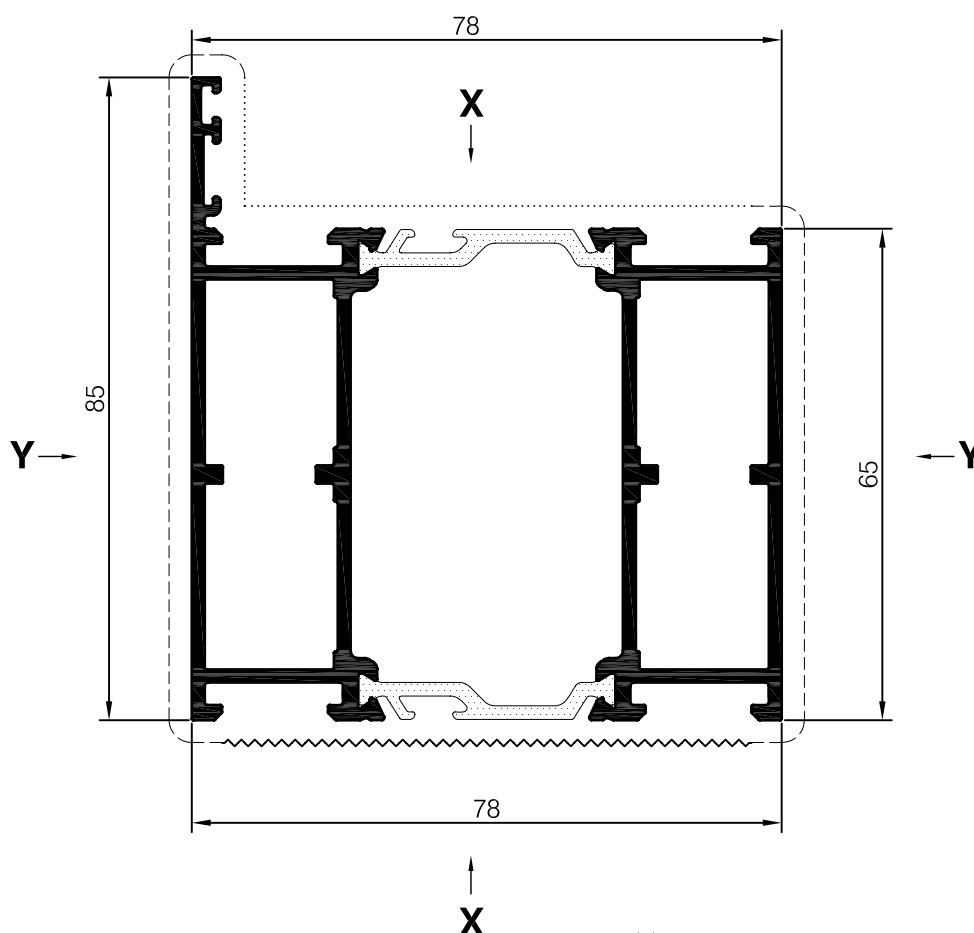
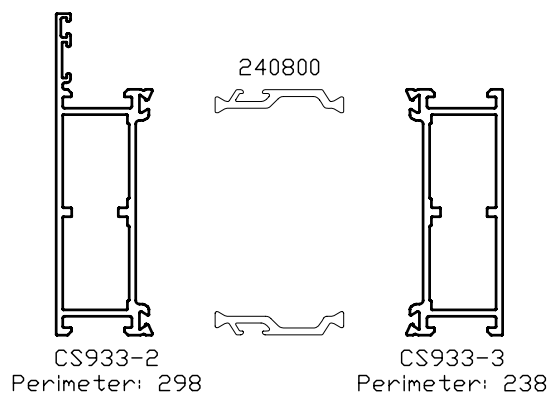


$$\begin{aligned} IXX &= 49.1 \text{ cm}^4 \\ IYY &= 16.8 \text{ cm}^4 \\ ZXX &= 11.7 \text{ cm}^3 \\ ZYY &= 4.2 \text{ cm}^3 \end{aligned}$$

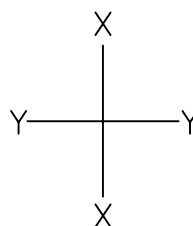


ALL DIMENSIONS IN MM

CS933 - 65 MM OUTER FRAME

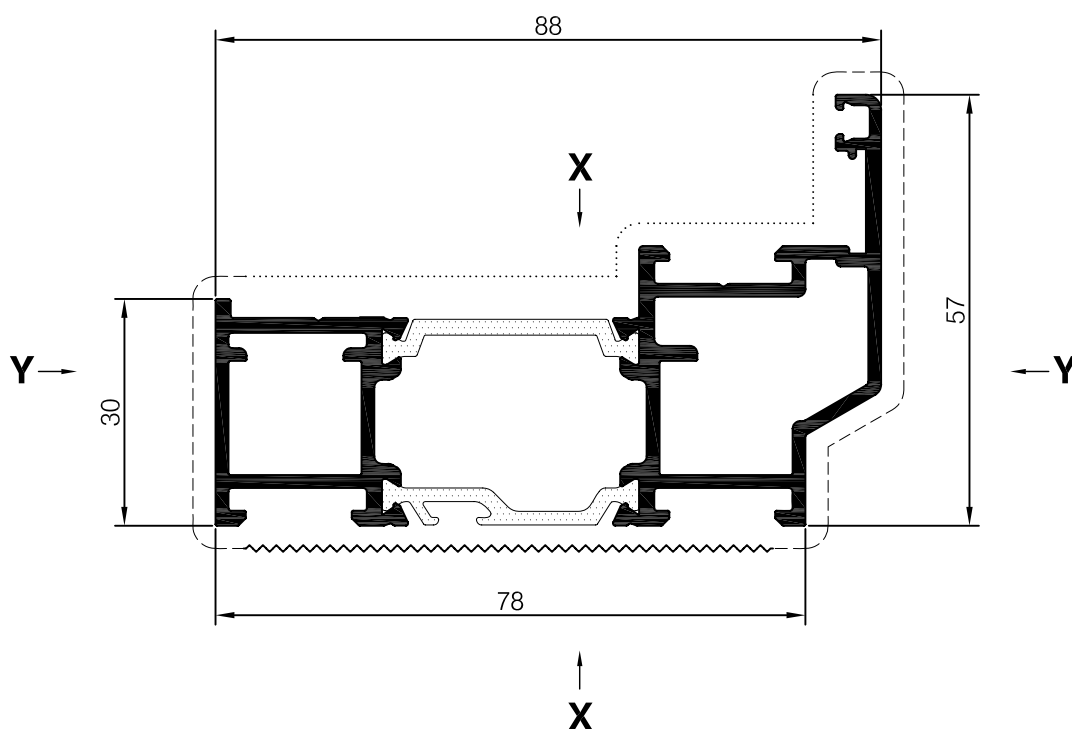
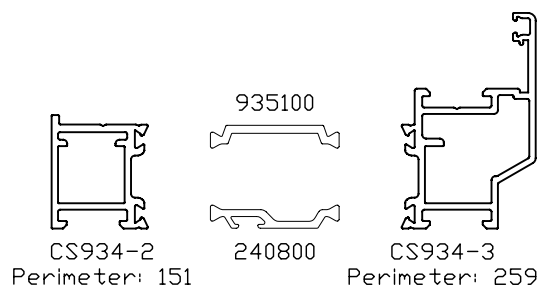


PERIPHERY = 435
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

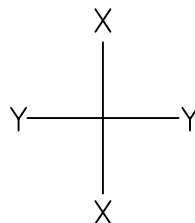


$\frac{I_{XX}}{I_{YY}} = 62.6 \text{ cm}^4$
 $\frac{Z_{XX}}{Z_{YY}} = 15.3 \text{ cm}^3$
 $\frac{Z_{YY}}{Z_{XX}} = 8.2 \text{ cm}^3$

CS934 - 30 MM OUTERFRAME / OPEN OUT VENT

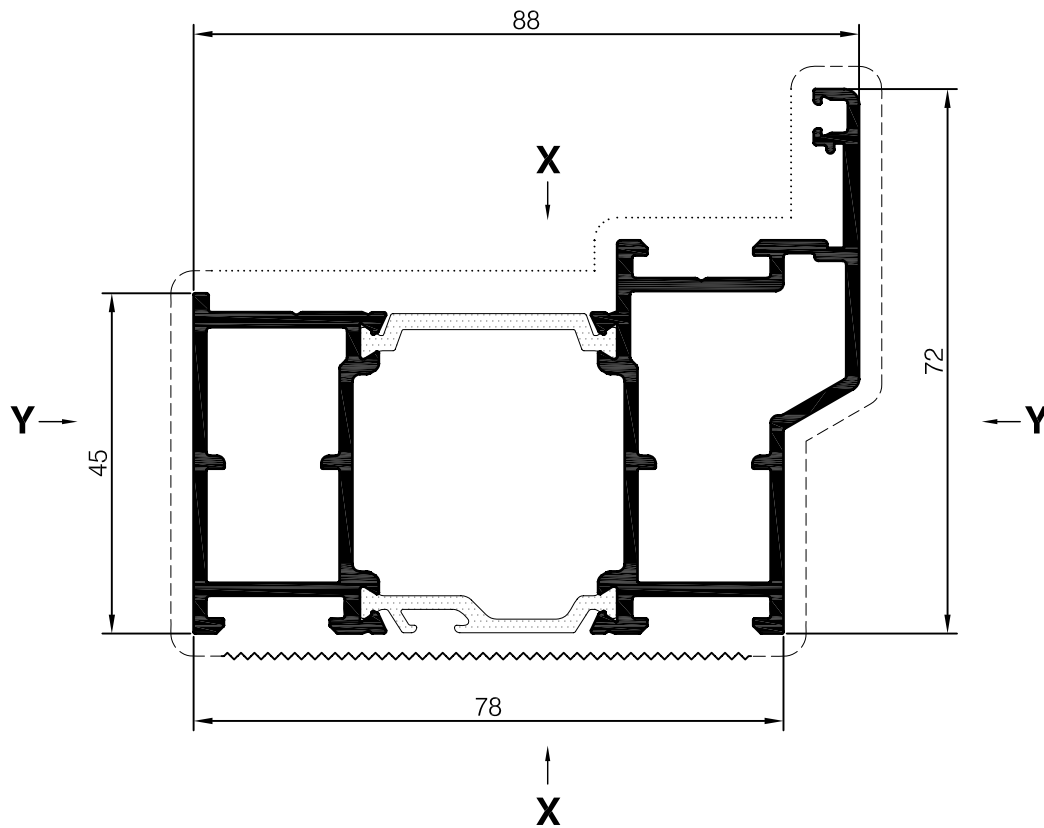
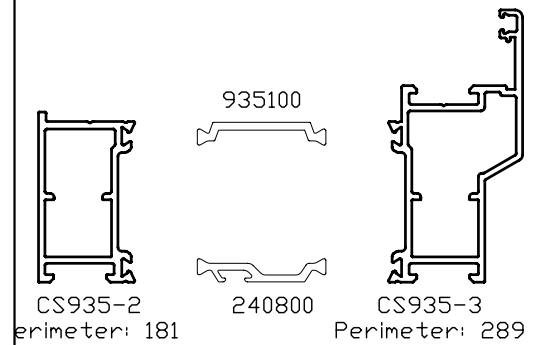


PERIPHERY = 374
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

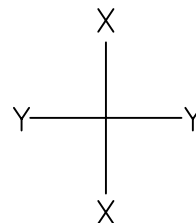


$\frac{I_{XX} = 52.4 \text{ cm}^4}{I_{YY} = 10.8 \text{ cm}^4}$
 $\frac{Z_{XX} = 10.9 \text{ cm}^3}{Z_{YY} = 2.9 \text{ cm}^3}$

**CS935 - 45 MM OUTERFRAME /
OPEN OUT VENT**

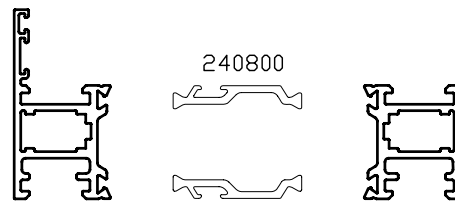


PERIPHERY = 404
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



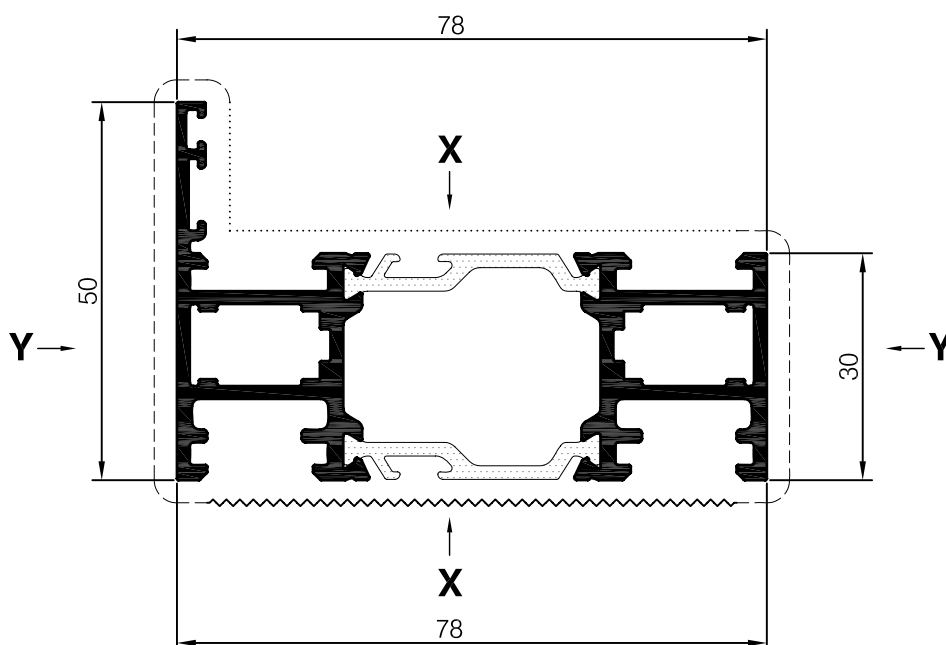
$$\begin{aligned} I_{XX} &= 62.2 \text{ cm}^4 \\ I_{YY} &= 23.6 \text{ cm}^4 \\ Z_{XX} &= 13.2 \text{ cm}^3 \\ Z_{YY} &= 5.4 \text{ cm}^3 \end{aligned}$$

CS936 - 30 MM OUTERFRAME / MOVEMENT JOINT

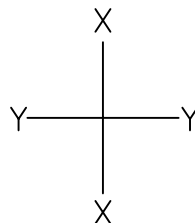


CS936-2
Perimeter: 245

CS936-3
Perimeter: 185

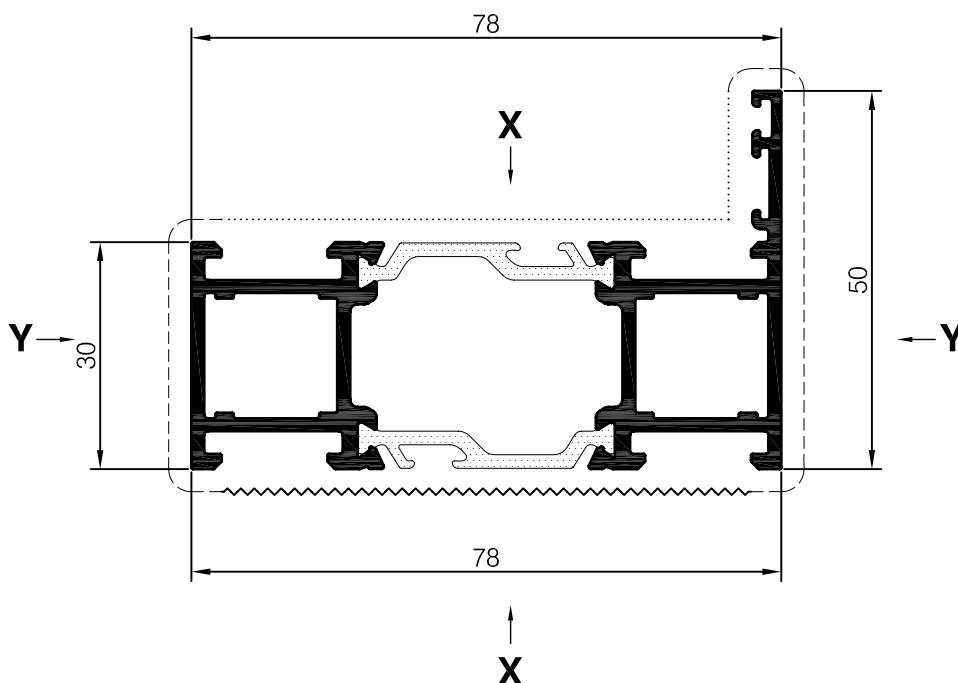
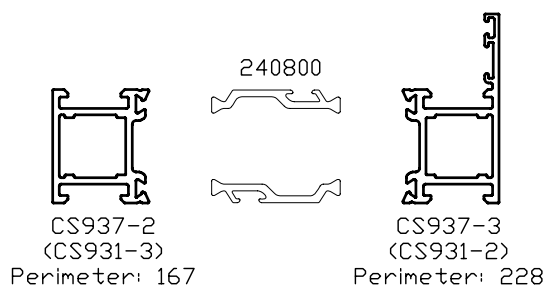


PERIPHERY = 405
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

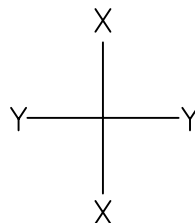


$$\begin{aligned} I_{XX} &= 42.4 \text{ cm}^4 \\ I_{YY} &= 6.4 \text{ cm}^4 \\ Z_{XX} &= 10.1 \text{ cm}^3 \\ Z_{YY} &= 1.9 \text{ cm}^3 \end{aligned}$$

CS937 - 30 MM OUTER FRAME OPEN OUT DOOR

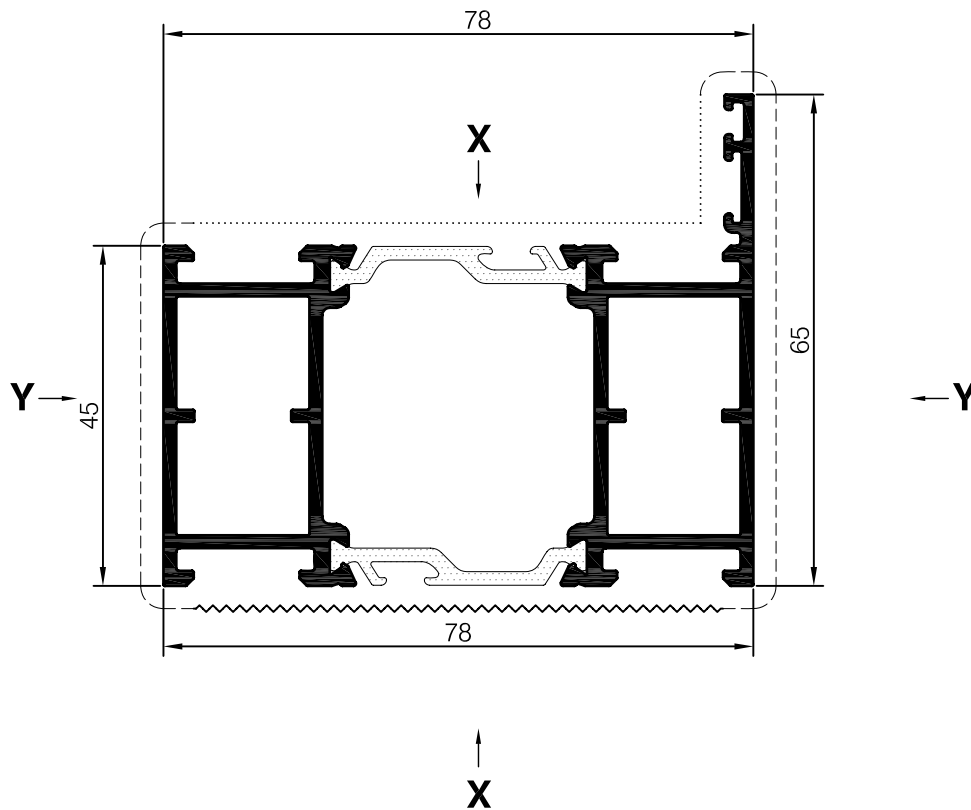
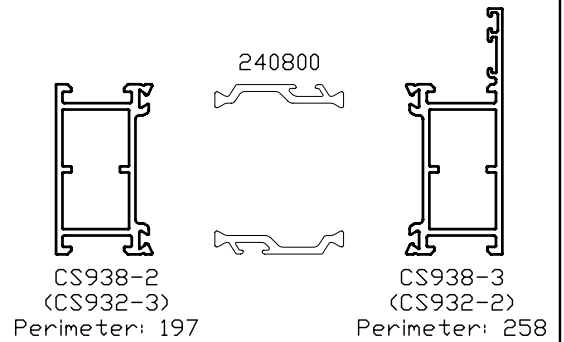


PERIPHERY = 364
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

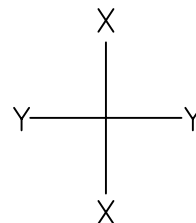


$IXX = 39.6 \text{ cm}^4$
 $IYY = 6.7 \text{ cm}^4$
 $ZXX = 9.4 \text{ cm}^3$
 $ZYY = 2.0 \text{ cm}^3$

**CS938 - 45 MM OUTER FRAME
OPEN OUT DOOR**



PERIPHERY = 456
STD. LENGTH = 6450
BOX QTY. = 4
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



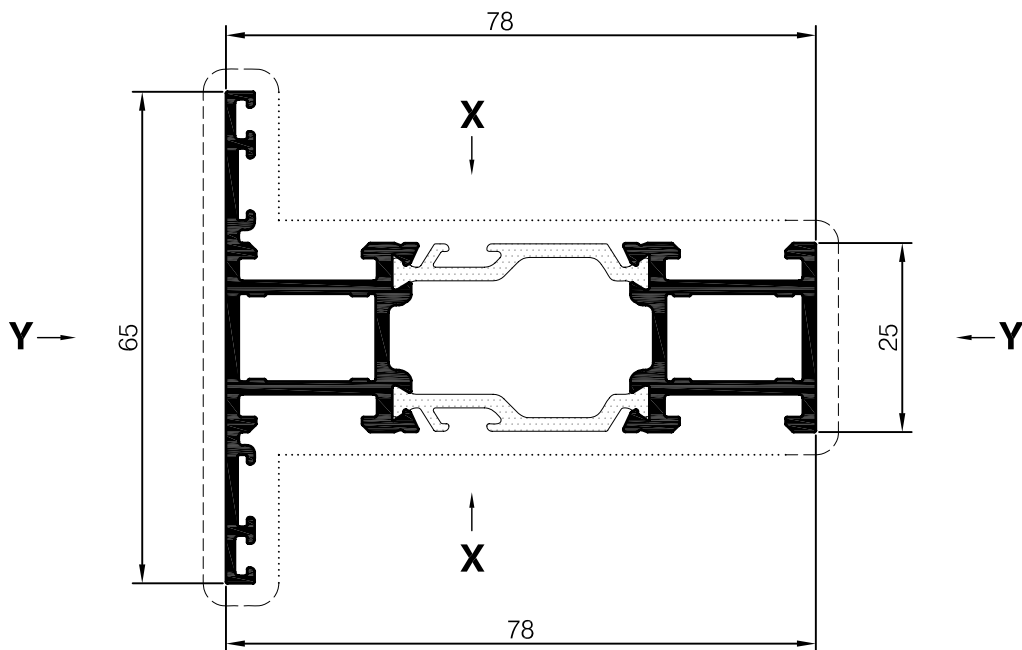
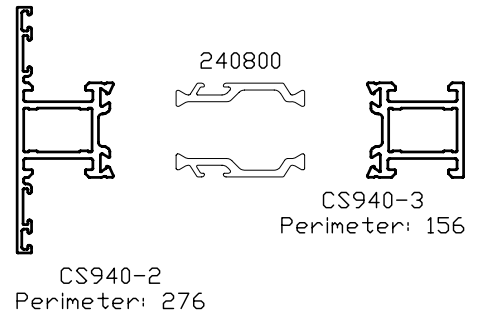
$$\begin{aligned} IXX &= 49.1 \text{ cm}^4 \\ IYY &= 16.8 \text{ cm}^4 \\ ZXX &= 11.8 \text{ cm}^3 \\ ZYY &= 6.8 \text{ cm}^3 \end{aligned}$$

STANDARD PROFILES

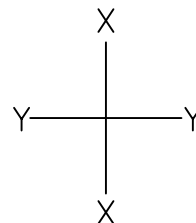
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

CS940 - 25 MM TRANSOM / MULLION



PERIPHERY = 414
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE



$IXX = 40.0 \text{ cm}^4$
 $IYY = 7.0 \text{ cm}^4$
 $ZXX = 8.7 \text{ cm}^3$
 $ZYY = 2.1 \text{ cm}^3$



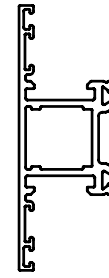
ALL DIMENSIONS IN MM

STANDARD PROFILES

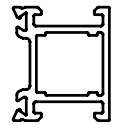
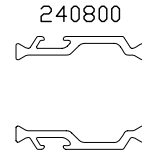
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

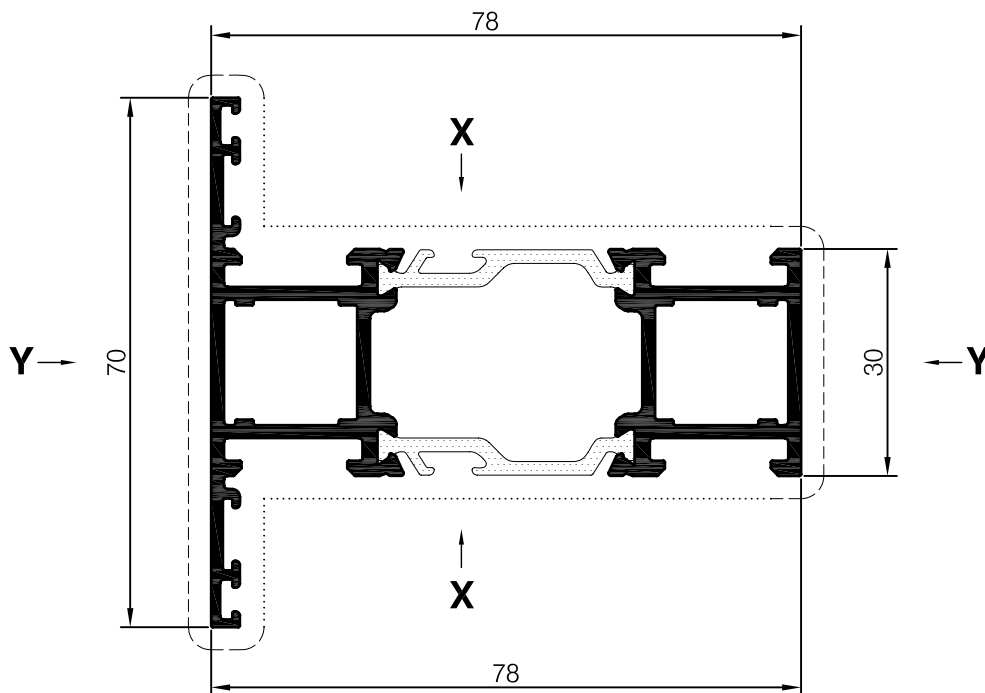
CS941 - 30 MM TRANSOM / MULLION



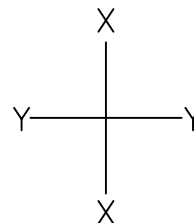
CS941-2
Perimeter: 287



CS941-3
(CS931-3)
Perimeter: 168



PERIPHERY = 424
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE



$$\begin{aligned} I_{XX} &= 44.2 \text{ cm}^4 \\ I_{YY} &= 9.7 \text{ cm}^4 \\ Z_{XX} &= 9.8 \text{ cm}^3 \\ Z_{YY} &= 2.8 \text{ cm}^3 \end{aligned}$$



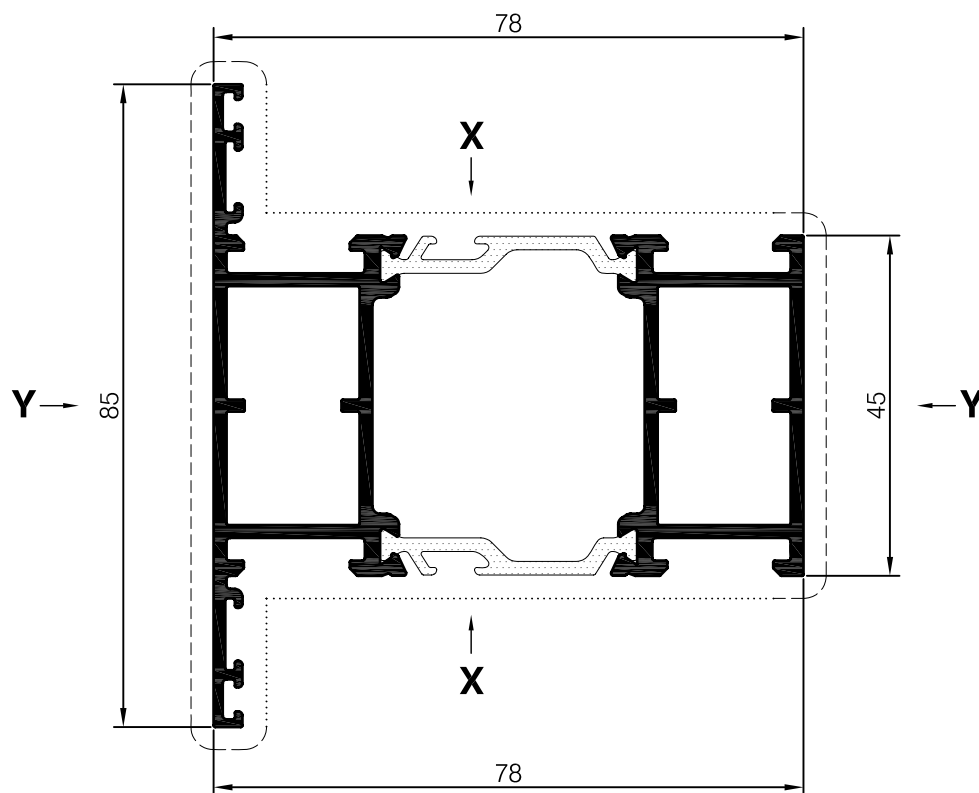
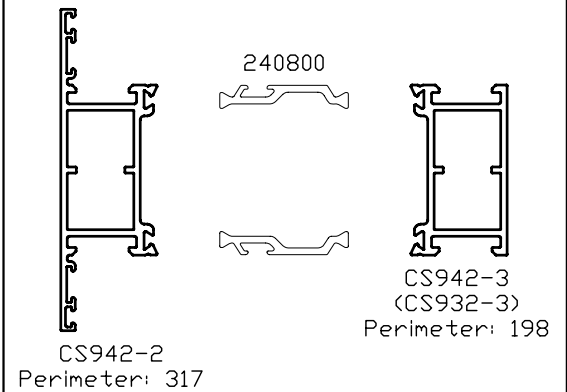
ALL DIMENSIONS IN MM

STANDARD PROFILES

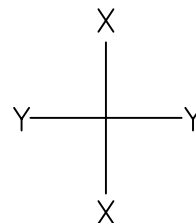
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

CS942 - 45 MM TRANSOM / MULLION



PERIPHERY = 454
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

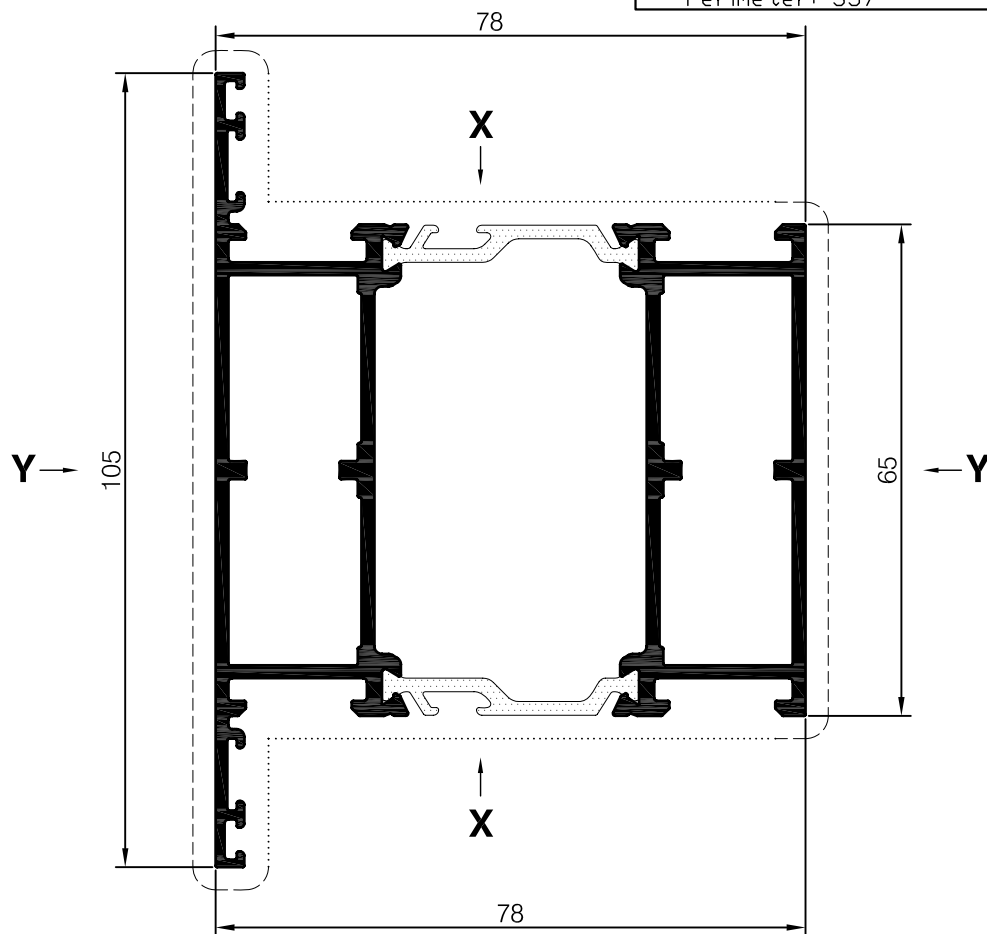
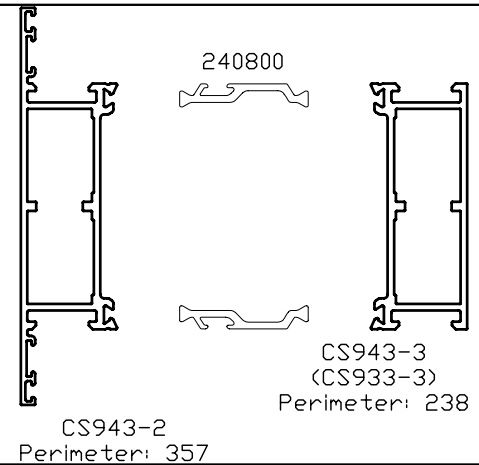


$$\begin{aligned} I_{XX} &= 53.8 \text{ cm}^4 \\ I_{YY} &= 21.6 \text{ cm}^4 \\ Z_{XX} &= 12.2 \text{ cm}^3 \\ Z_{YY} &= 5.0 \text{ cm}^3 \end{aligned}$$

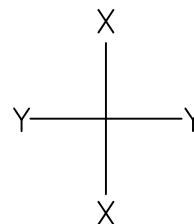


ALL DIMENSIONS IN MM

**CS943 - 65 MM TRANSOM /
MULLION**

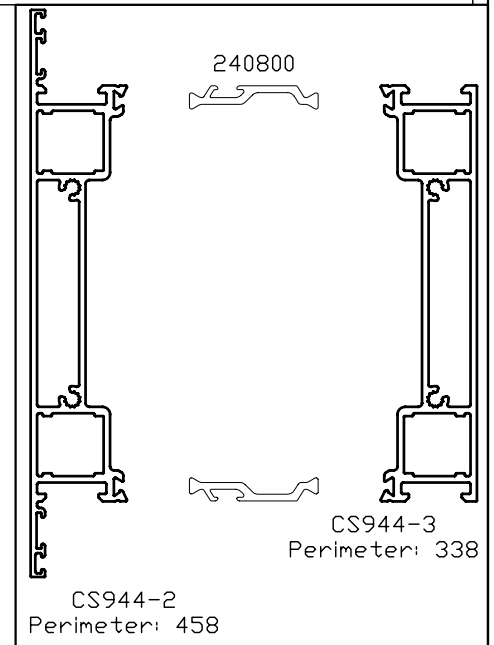
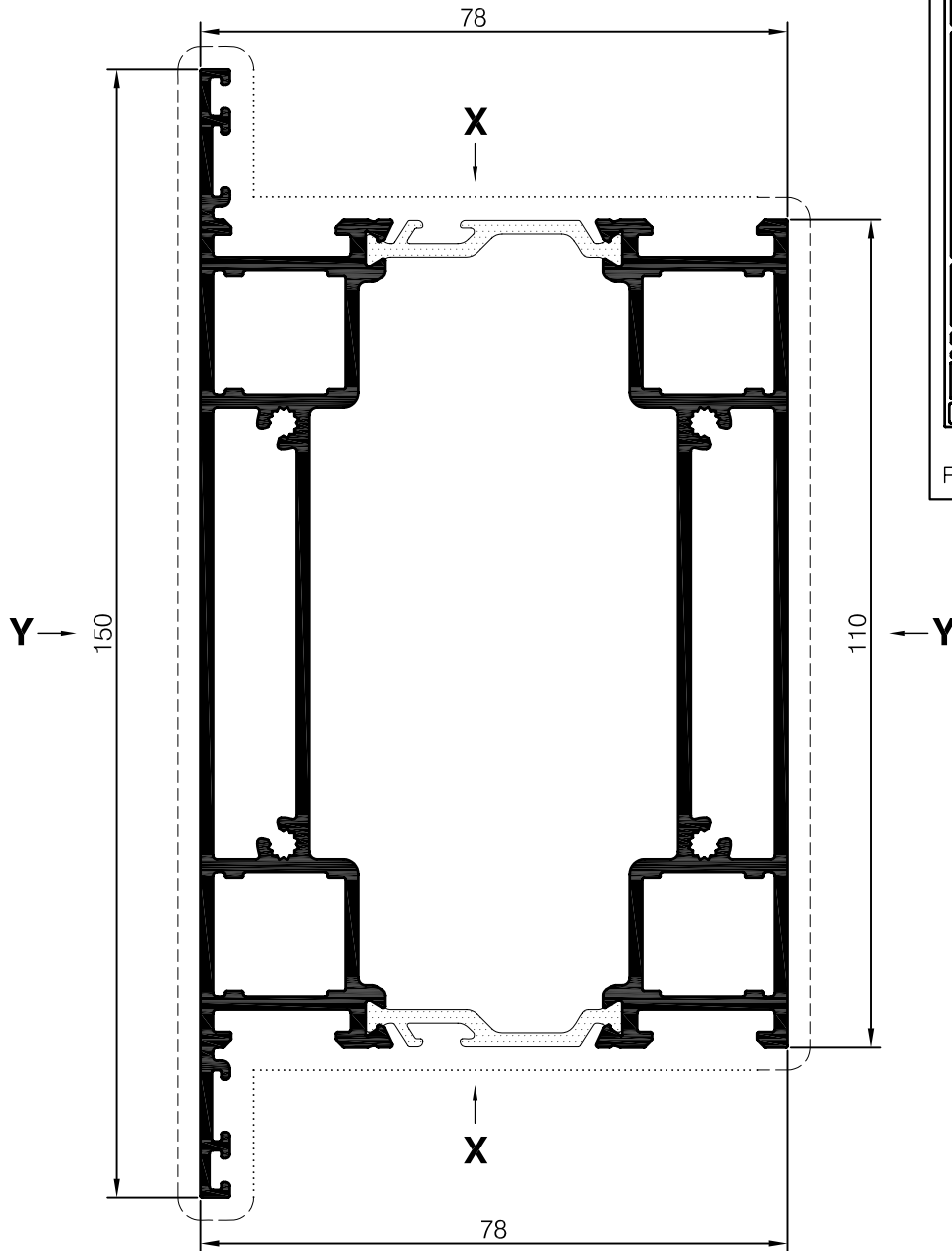


PERIPHERY = 495
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

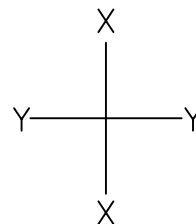


$IXX = 67.6 \text{ cm}^4$
 $IYY = 49.0 \text{ cm}^4$
 $ZXX = 15.7 \text{ cm}^3$
 $ZYY = 9.2 \text{ cm}^3$

**CS944 - 110 MM TRANSOM /
MULLION. MID RAIL**



PERIPHERY = 602
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE

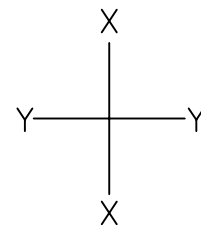
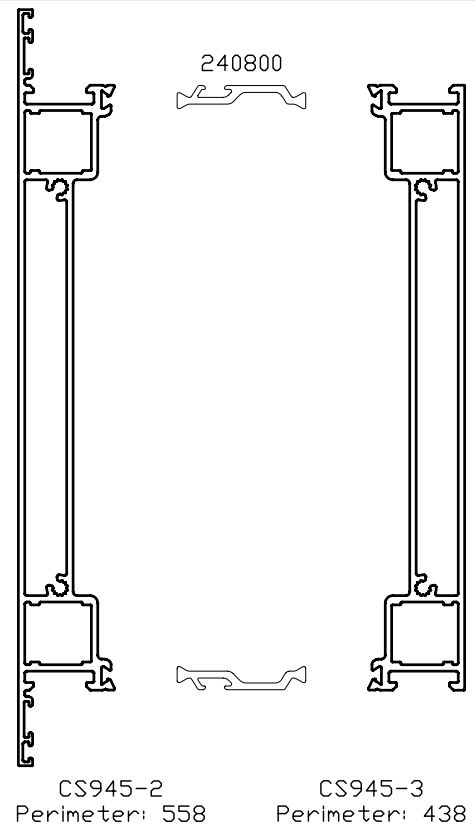
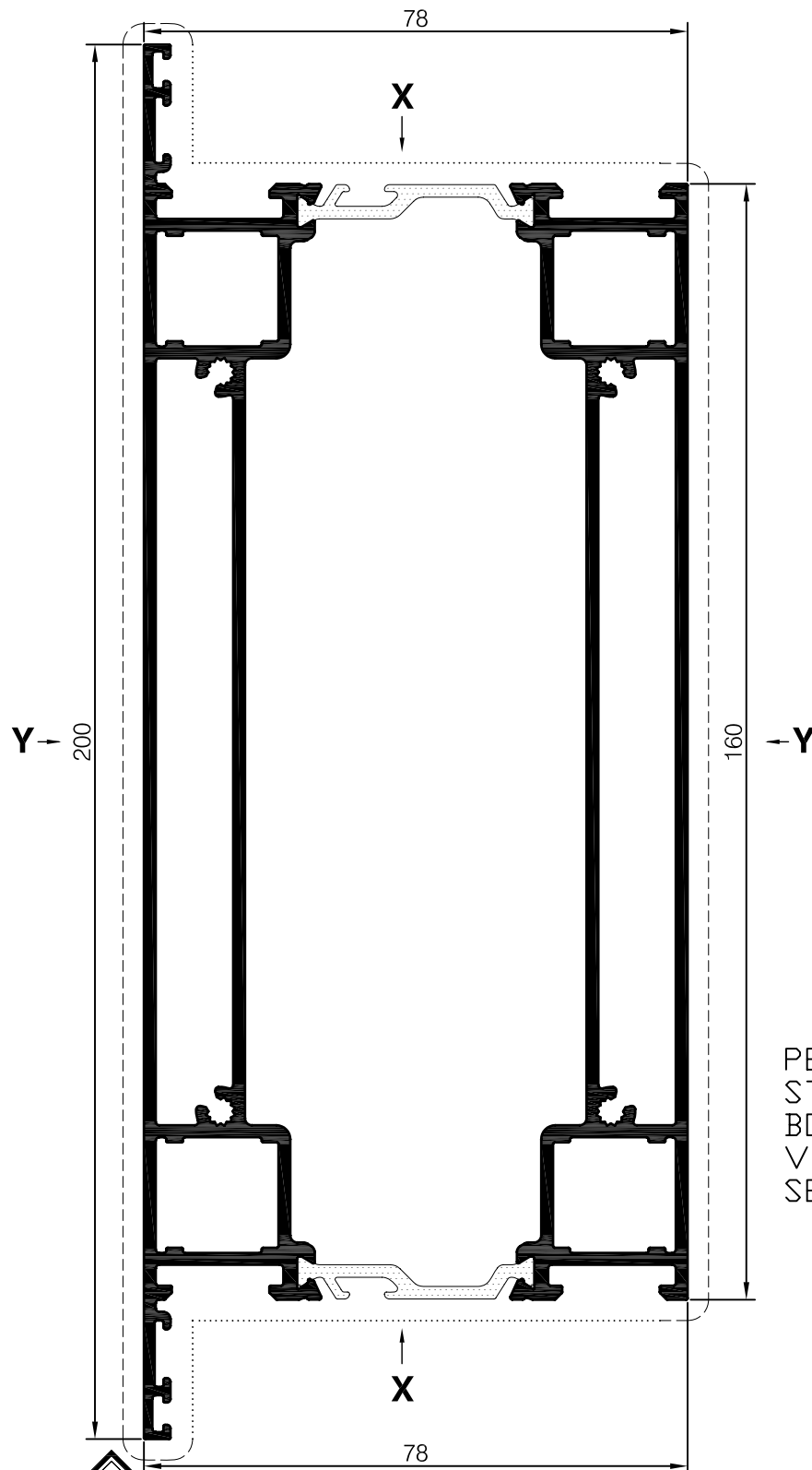


$$\begin{aligned} I_{XX} &= 114.9 \text{ cm}^4 \\ I_{YY} &= 187.6 \text{ cm}^4 \\ Z_{XX} &= 27.4 \text{ cm}^3 \\ Z_{YY} &= 25.0 \text{ cm}^3 \end{aligned}$$



ALL DIMENSIONS IN MM

**CS945 - 160 MM TRANSOM /
MULLION. MID RAIL**



PERIPHERY = 715
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE

$$\begin{aligned} I_{XX} &= 150.7 \text{ cm}^4 \\ I_{YY} &= 488.8 \text{ cm}^4 \\ Z_{XX} &= 36.8 \text{ cm}^3 \\ Z_{YY} &= 48.9 \text{ cm}^3 \end{aligned}$$

ALL DIMENSIONS IN MM

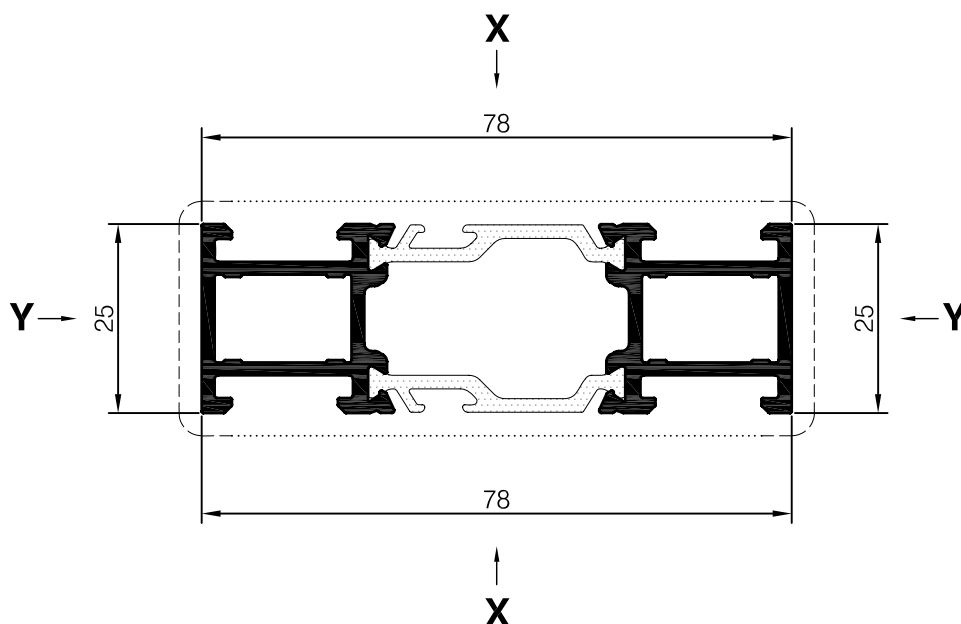
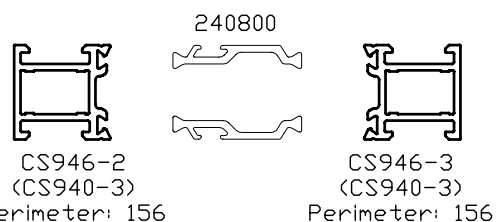


STANDARD PROFILES

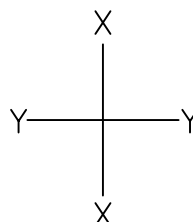
SCALE FULL SIZE (A4)

ISSUED JULY 2012

CS946 - 25 MM TRANSOM / MULLION. NO LEG



PERIPHERY = 295
STD. LENGTH = 6450
BOX QTY. = 3
VISIBLE SURFACE
SECONDARY SURFACE



$IXX = 30.2 \text{ cm}^4$
 $IYY = 2.4 \text{ cm}^4$
 $ZXX = 7.7 \text{ cm}^3$
 $ZYY = 1.9 \text{ cm}^3$



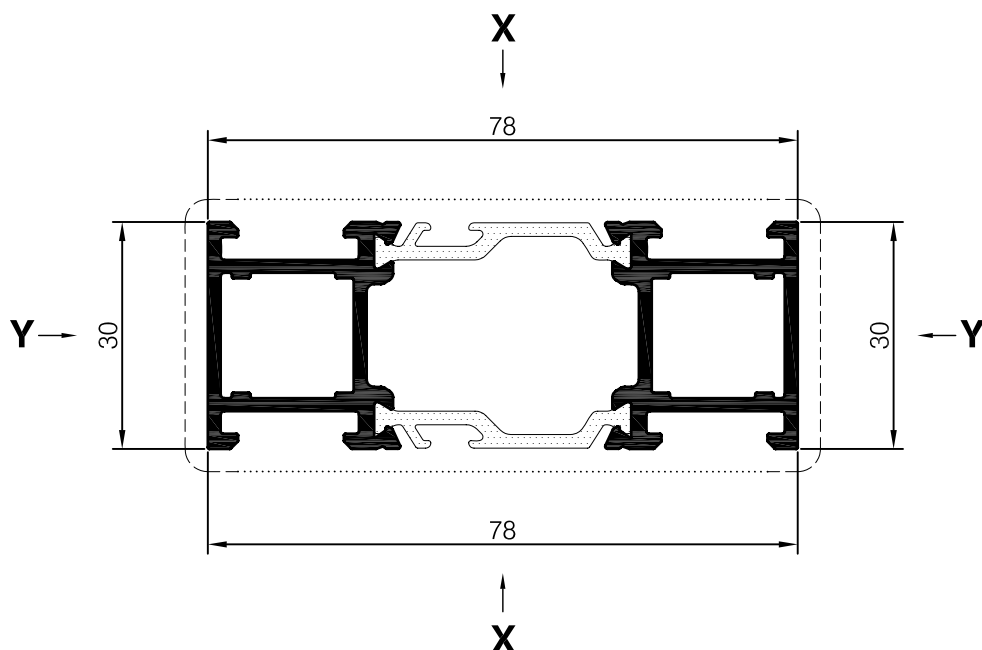
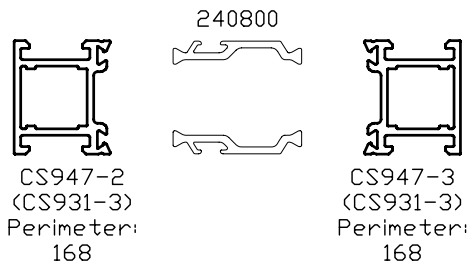
ALL DIMENSIONS IN MM

STANDARD PROFILES

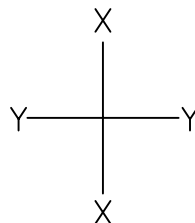
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

CS947 - 30 MM TRANSOM / MULLION. NO LEG



PERIPHERY = 305
STD. LENGTH = 6450
BOX QTY. = 3
VISIBLE SURFACE
SECONDARY SURFACE



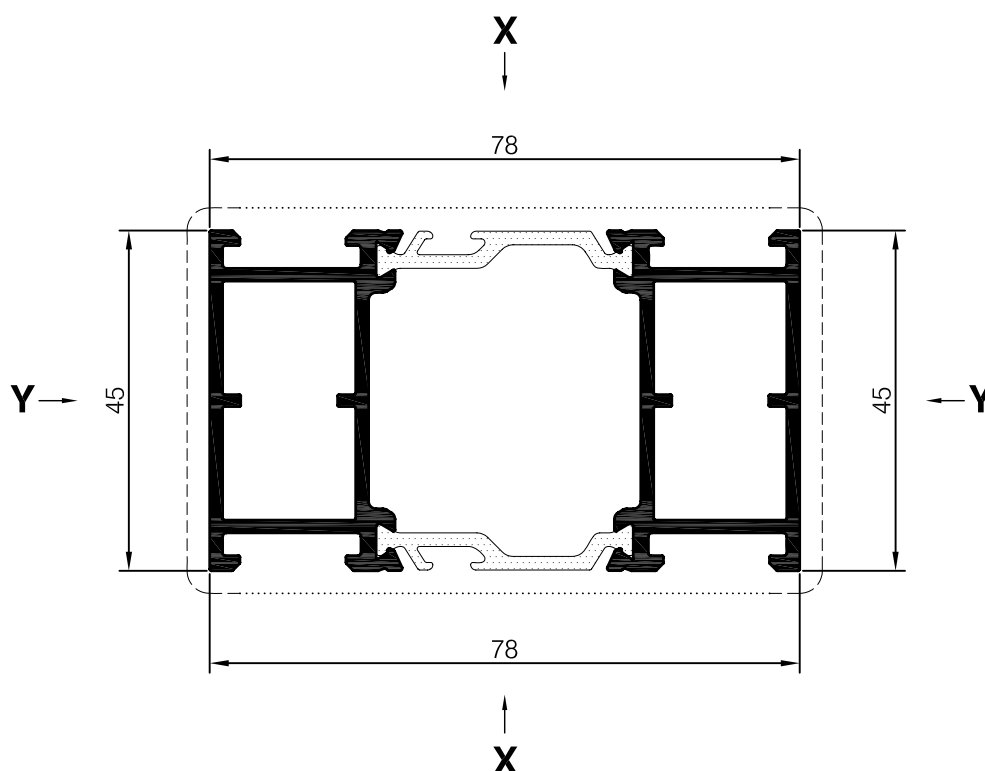
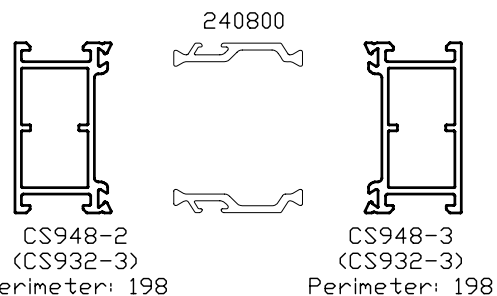
$IXX = 34.2 \text{ cm}^4$
 $IYY = 4.2 \text{ cm}^4$
 $ZXX = 8.8 \text{ cm}^3$
 $ZYY = 2.8 \text{ cm}^3$

STANDARD PROFILES

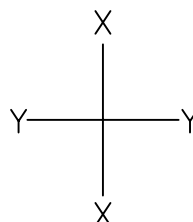
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

CS948 - 45 MM TRANSOM / MULLION. NO LEG

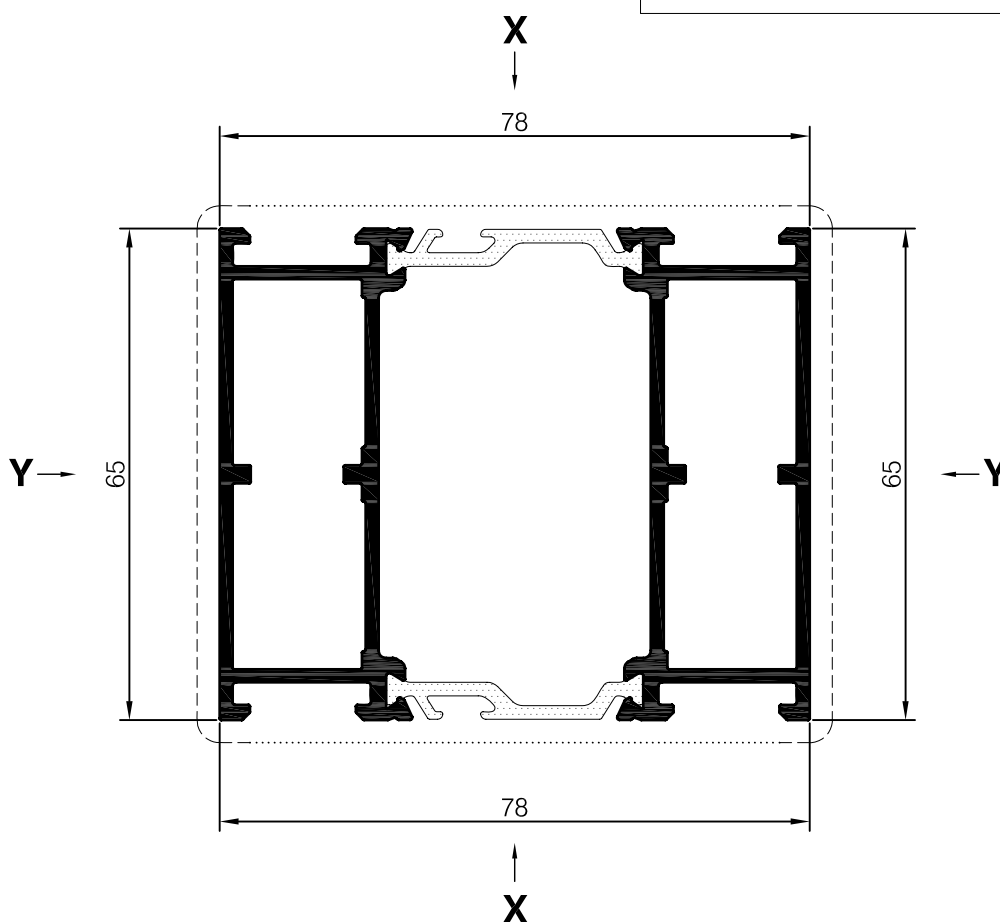
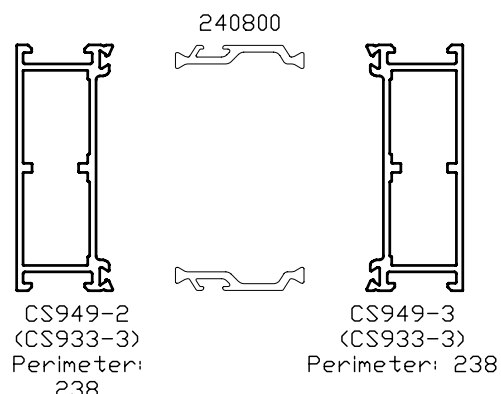


PERIPHERY = 335
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

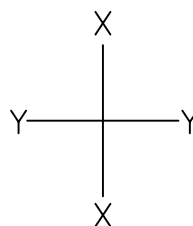


$IXX = 43.6 \text{ cm}^4$
 $IYY = 12.5 \text{ cm}^4$
 $ZXX = 11.2 \text{ cm}^3$
 $ZYY = 5.4 \text{ cm}^3$

CS949 - 65 MM TRANSOM / MULLION. NO LEG

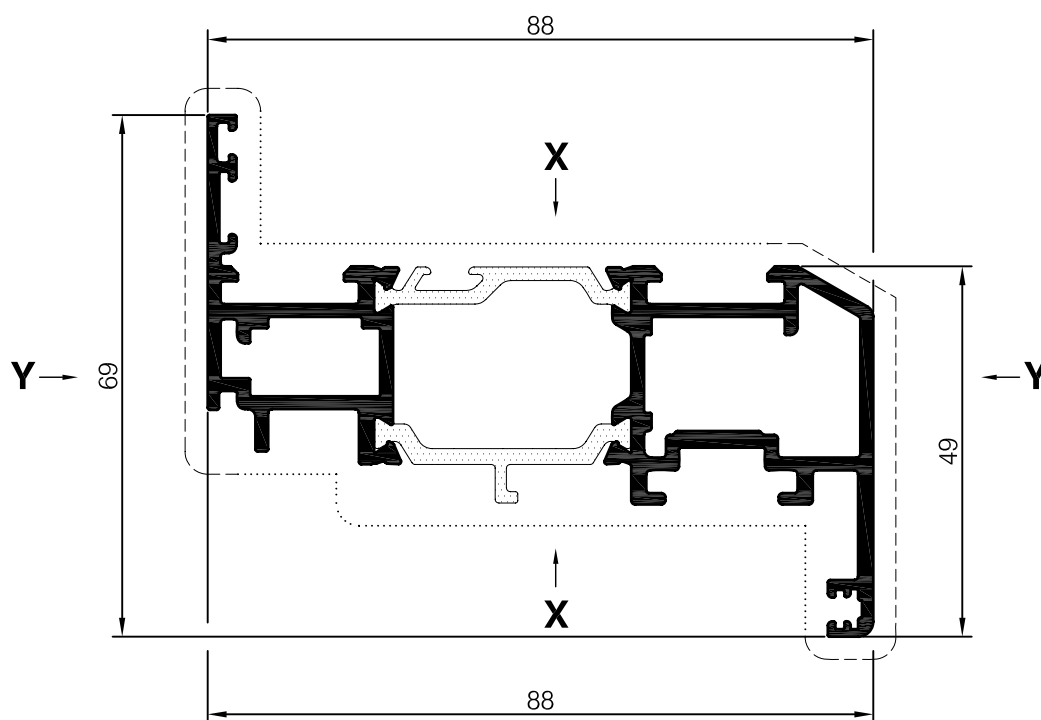
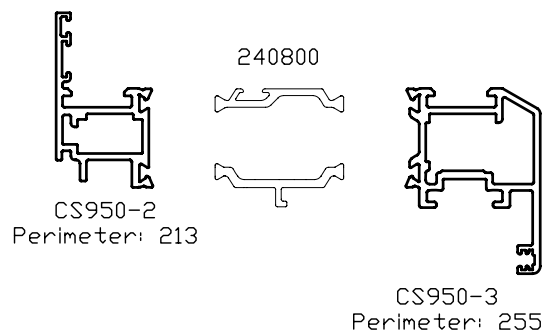


PERIPHERY = 375
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

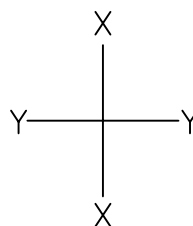


$IXX = 57.1 \text{ cm}^4$
 $IYY = 33.6 \text{ cm}^4$
 $ZXX = 14.6 \text{ cm}^3$
 $ZYY = 10.2 \text{ cm}^3$

CS950 - 69 MM TILT/TURN VENT

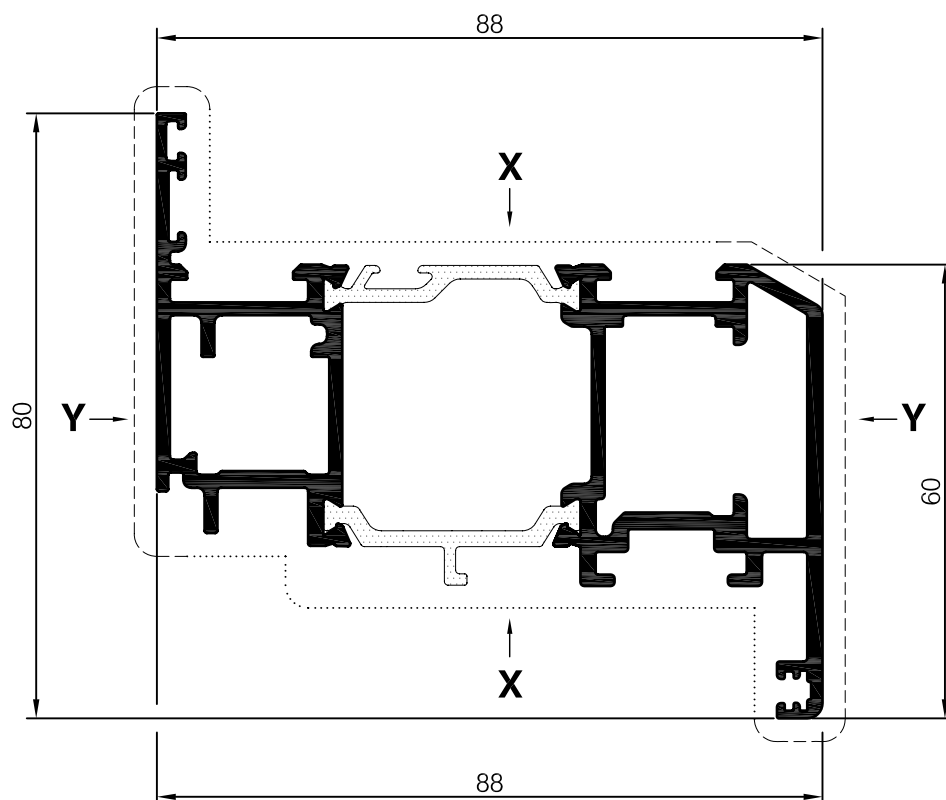
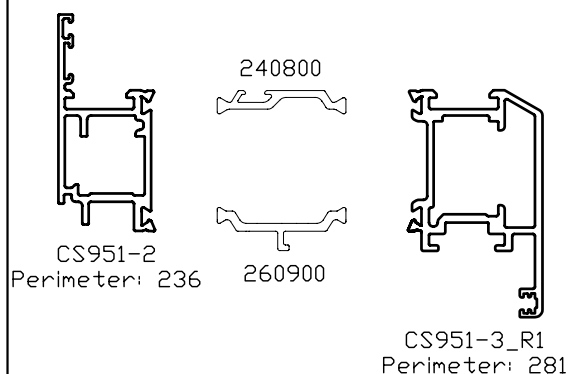


PERIPHERY = 478
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

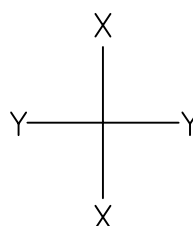


$IXX = 59.2 \text{ cm}^4$
 $IYY = 10.3 \text{ cm}^4$
 $ZXX = 12.9 \text{ cm}^3$
 $ZYY = 2.9 \text{ cm}^3$

CS951 - 80 MM TILT/TURN VENT



PERIPHERY = 515
STD. LENGTH = 6450
BOX QTY. = 3
VISIBLE SURFACE
SECONDARY SURFACE

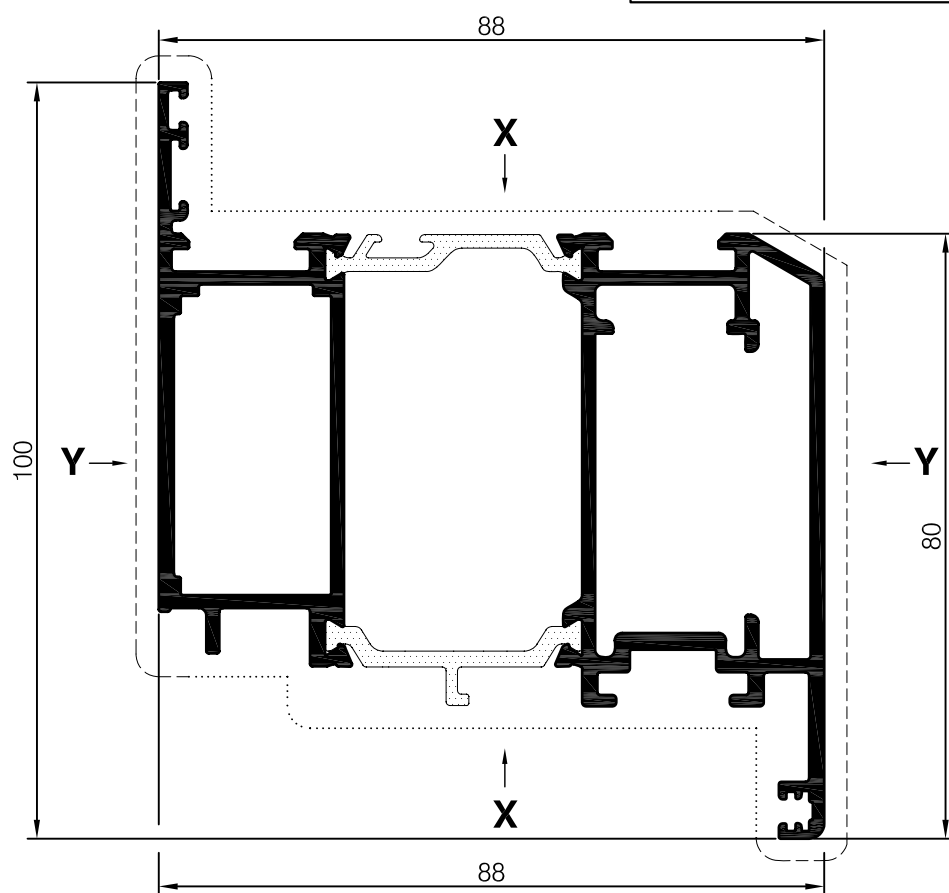
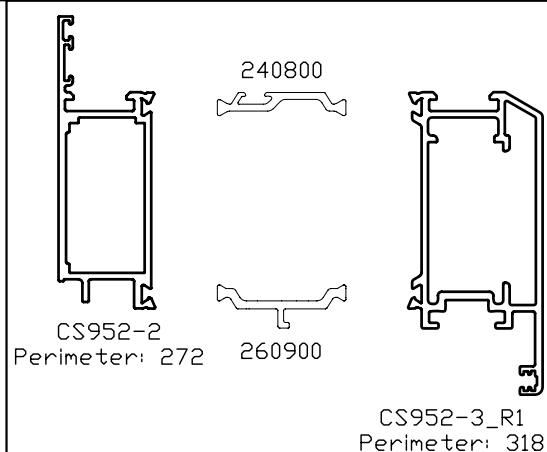


$$\begin{aligned} I_{XX} &= 71.8 \text{ cm}^4 \\ I_{YY} &= 19.7 \text{ cm}^4 \\ Z_{XX} &= 15.3 \text{ cm}^3 \\ Z_{YY} &= 4.9 \text{ cm}^3 \end{aligned}$$

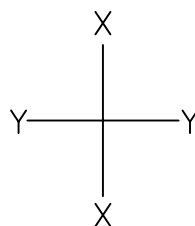


ALL DIMENSIONS IN MM

CS952 - 100 MM TILT/TURN VENT



PERIPHERY = 560
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE

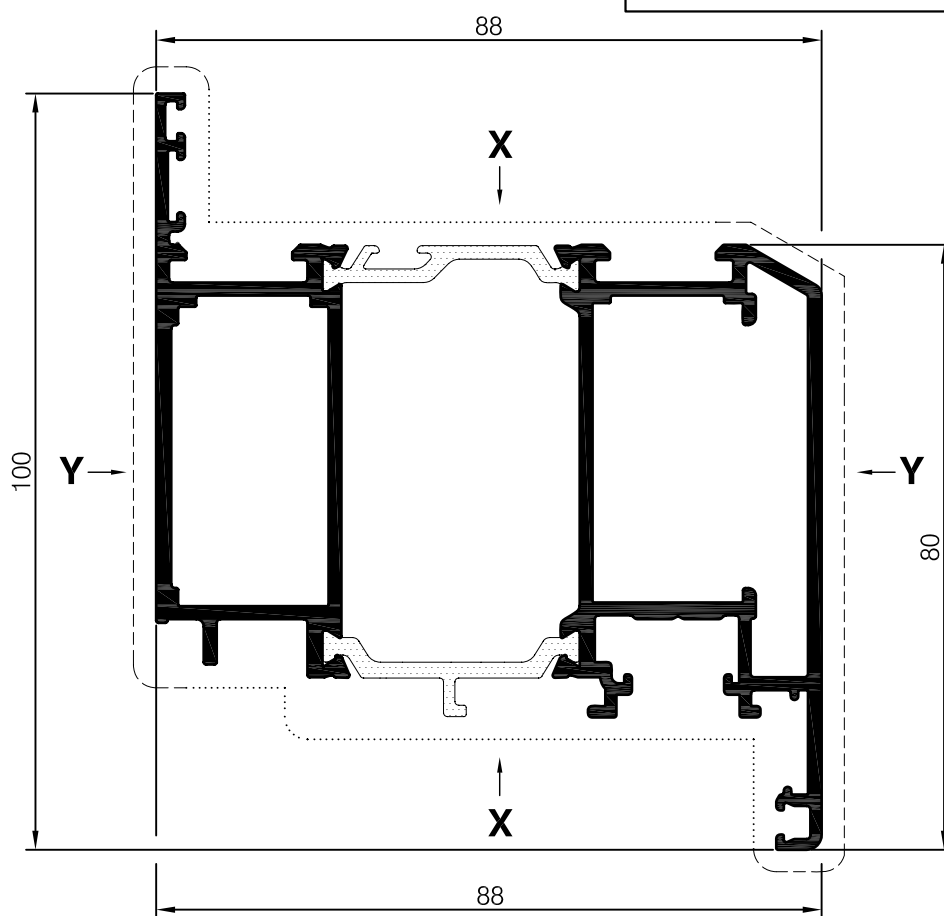
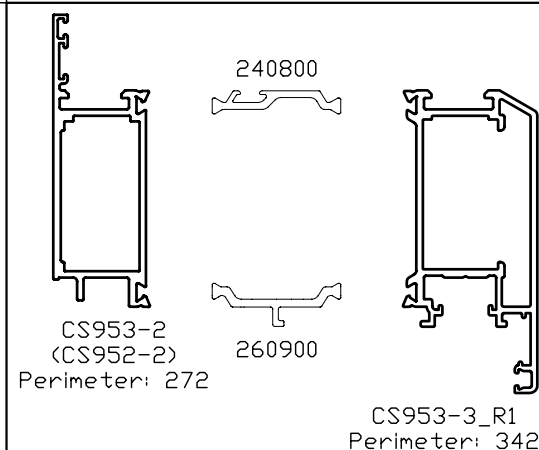


$$\begin{aligned} I_{XX} &= 87.7 \text{ cm}^4 \\ I_{YY} &= 47.0 \text{ cm}^4 \\ Z_{XX} &= 19.1 \text{ cm}^3 \\ Z_{YY} &= 9.4 \text{ cm}^3 \end{aligned}$$

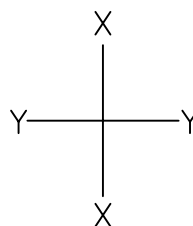


ALL DIMENSIONS IN MM

CS953 - 100 MM DOOR. OPEN IN



PERIPHERY = 562
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

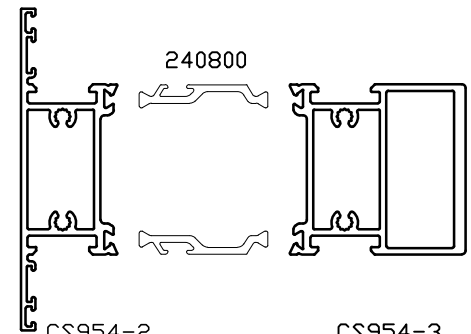


$$\begin{aligned} IXX &= 86.7 \text{ cm}^4 \\ IYY &= 45.3 \text{ cm}^4 \\ ZXX &= 19.3 \text{ cm}^3 \\ ZYY &= 9.1 \text{ cm}^3 \end{aligned}$$



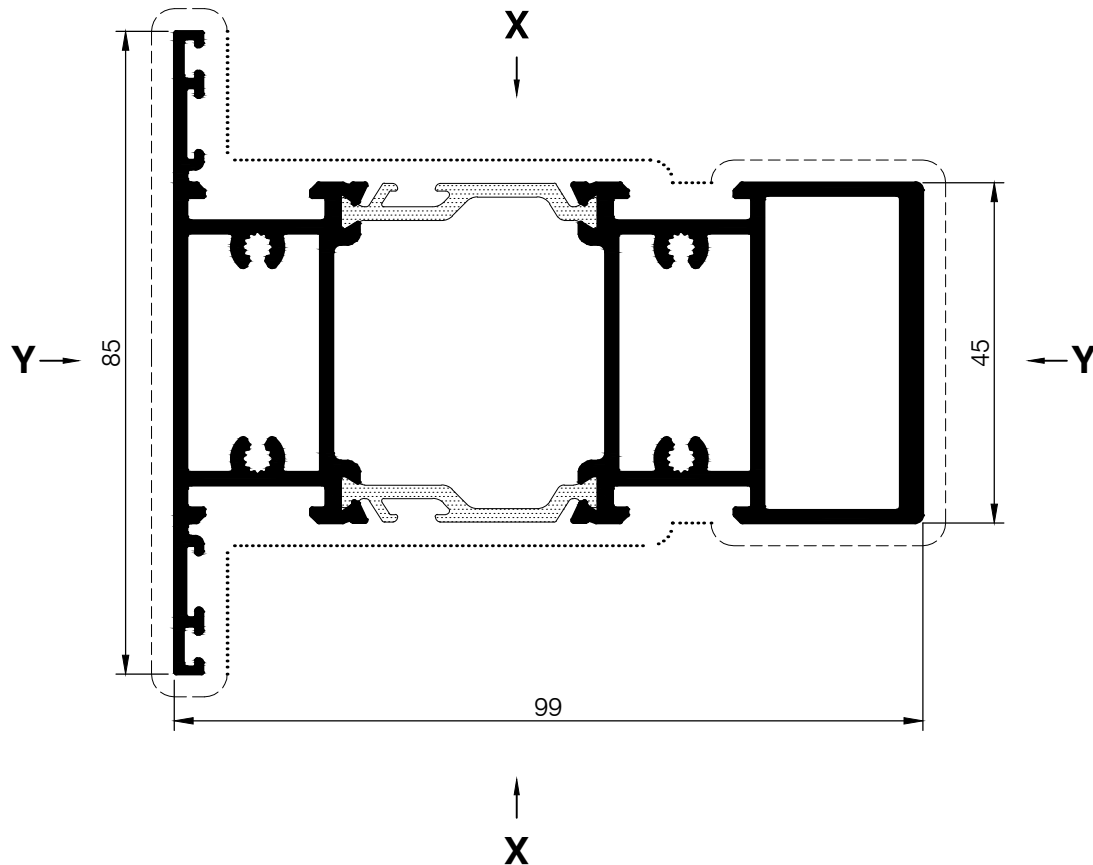
ALL DIMENSIONS IN MM

**CS954 - 45mm TRANSOM
INTERNAL BOX**

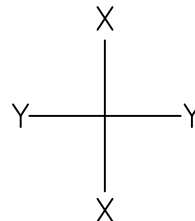


CS954-2
(CS982-2)
Perimeter: 314.8

CS954-3
(CS976-3)
Perimeter: 236.2



PERIPHERY = 496.1
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

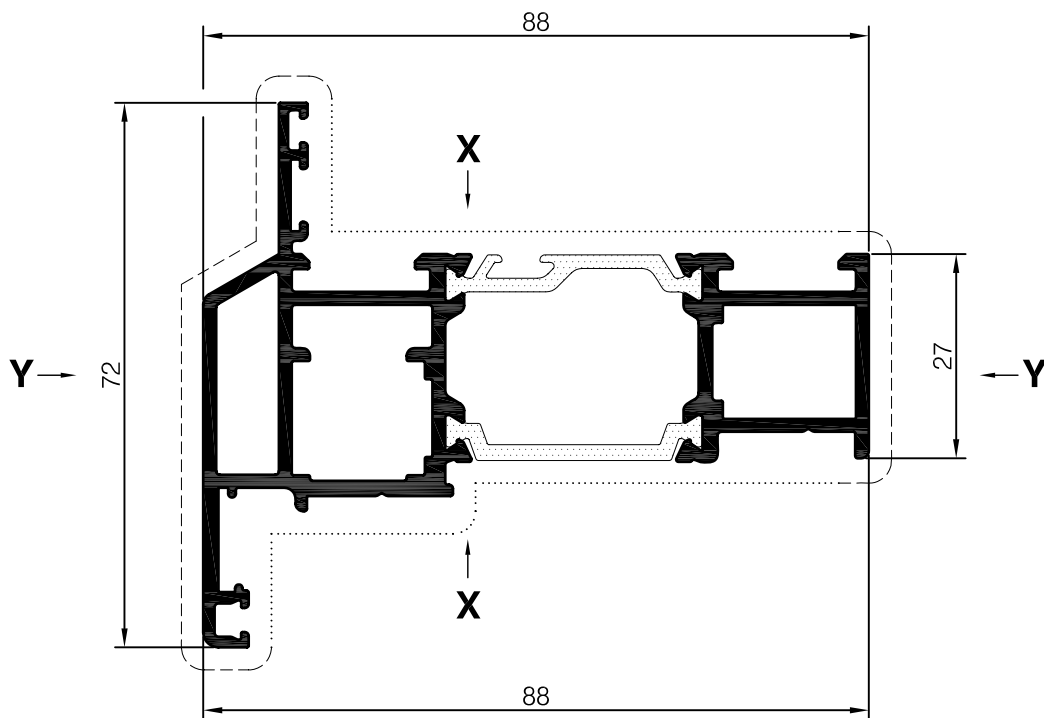
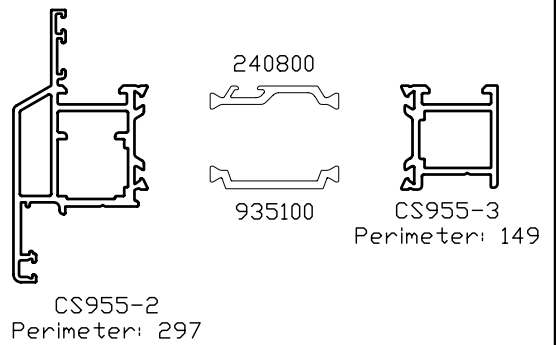


$IXX = 112.6 \text{ cm}^4$
 $IYY = 28.2 \text{ cm}^4$
 $ZXX = 22.1 \text{ cm}^3$
 $ZYY = 6.6 \text{ cm}^3$

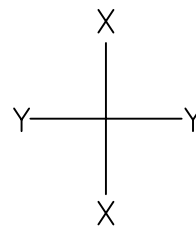


ALL DIMENSIONS IN MM

**CS955 - 72 MM CASEMENT
COCKSPUR / ESPAG LOCKING**

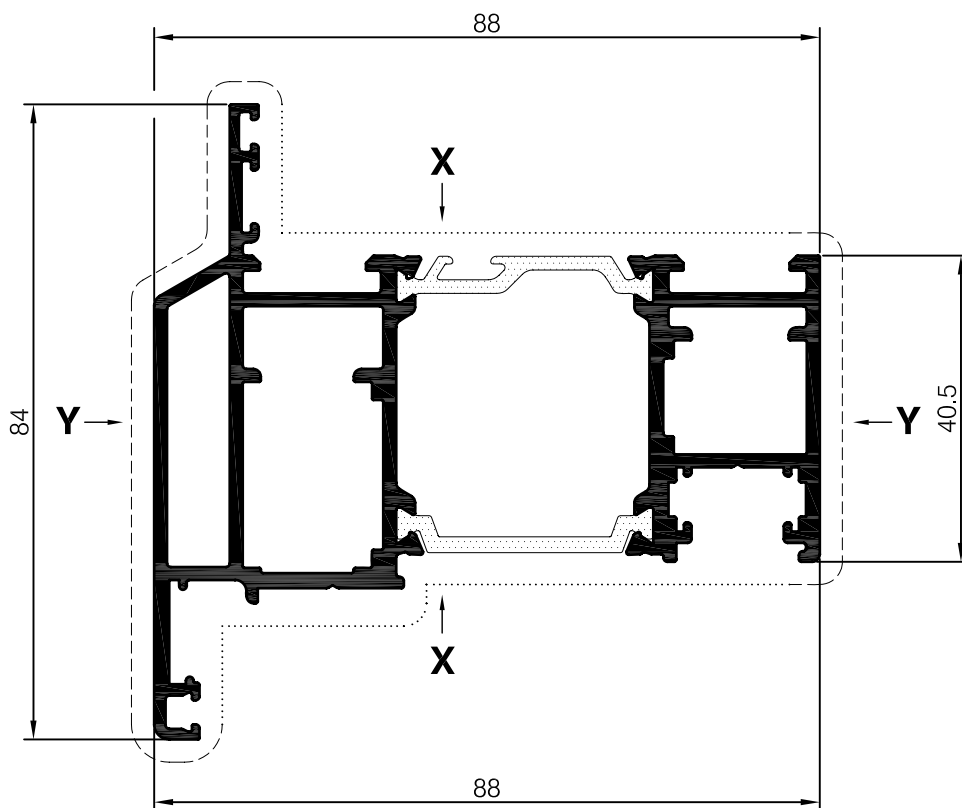
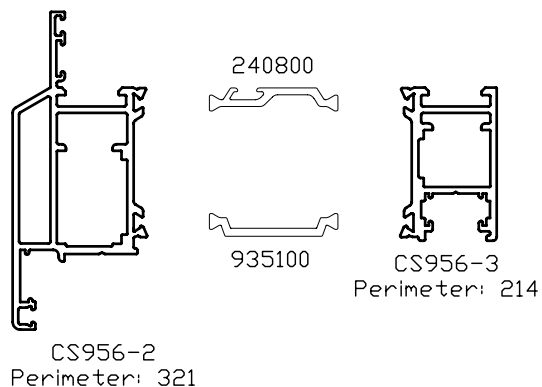


PERIPHERY = 415
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

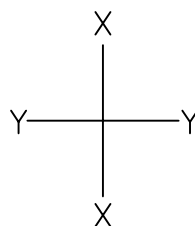


$IXX = 54.6 \text{ cm}^4$
 $IYY = 12.2 \text{ cm}^4$
 $ZXX = 10.3 \text{ cm}^3$
 $ZYY = 3.4 \text{ cm}^3$

CS956 - 84 MM CASEMENT. SHOOTBOLT LOCKING

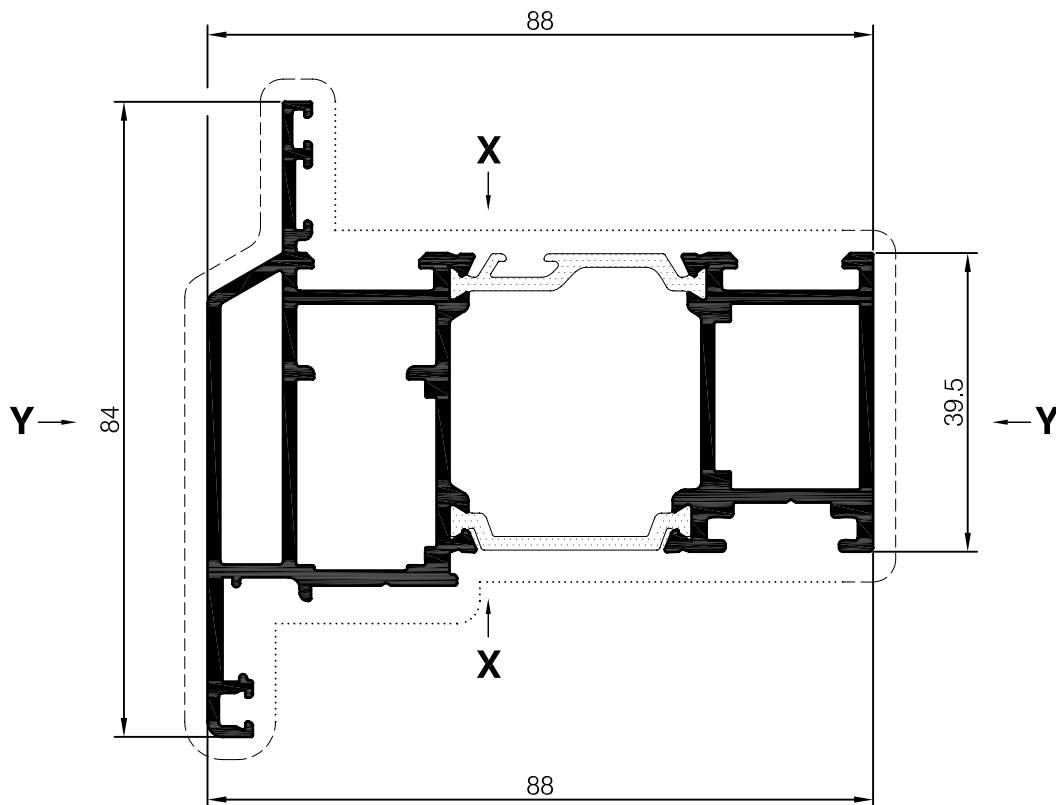
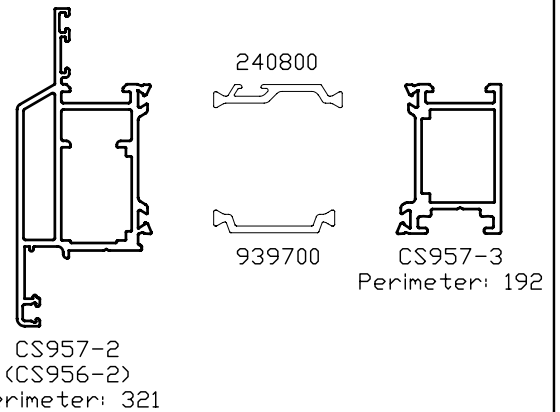


PERIPHERY = 504
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE

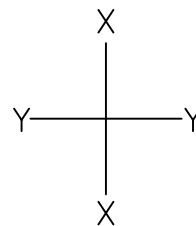


$$\begin{aligned} I_{XX} &= 73.2 \text{ cm}^4 \\ I_{YY} &= 23.4 \text{ cm}^4 \\ Z_{XX} &= 14.6 \text{ cm}^3 \\ Z_{YY} &= 5.6 \text{ cm}^3 \end{aligned}$$

**CS957 - 84 MM CASEMENT.
PERIPHERY LOCKING**



PERIPHERY = 508
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE

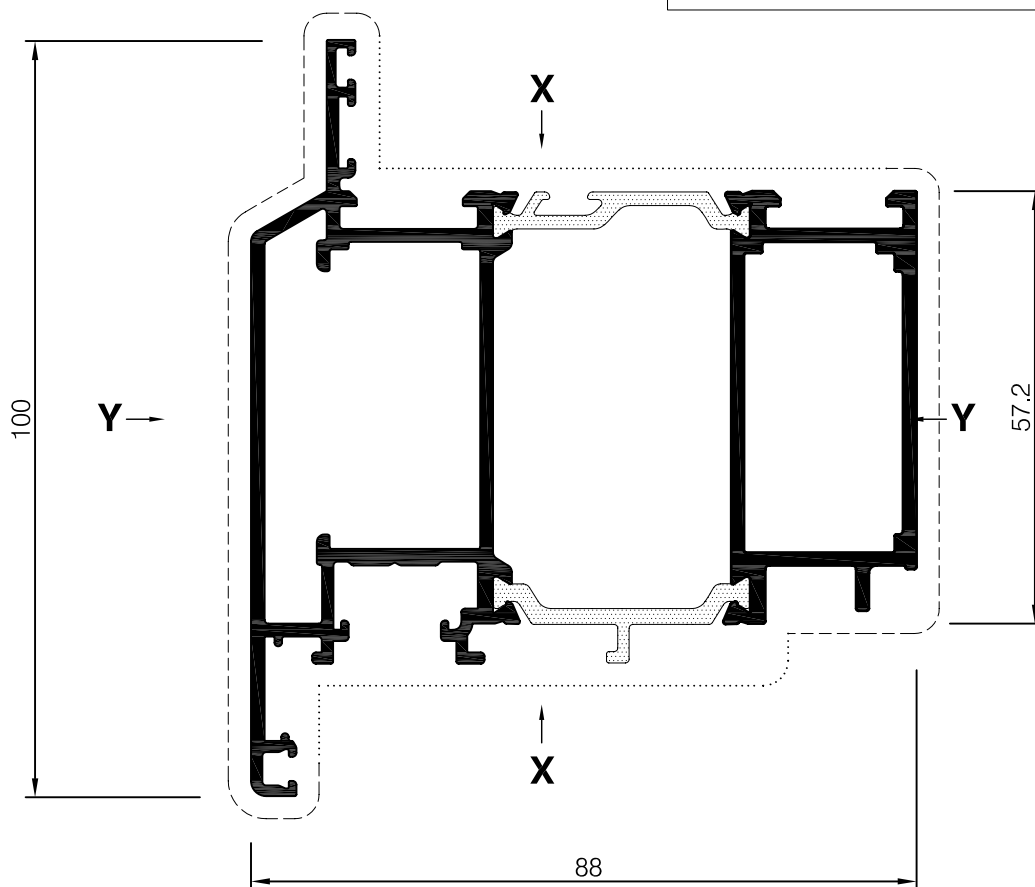
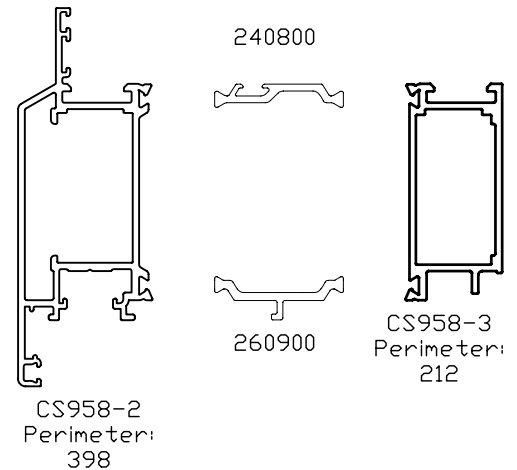


$$\begin{aligned} I_{XX} &= 70.3 \text{ cm}^4 \\ I_{YY} &= 23.4 \text{ cm}^4 \\ Z_{XX} &= 13.8 \text{ cm}^3 \\ Z_{YY} &= 5.6 \text{ cm}^3 \end{aligned}$$

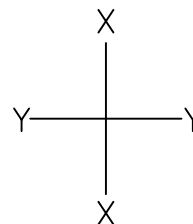


ALL DIMENSIONS IN MM

CS958 - 100 MM DOOR OPEN OUT

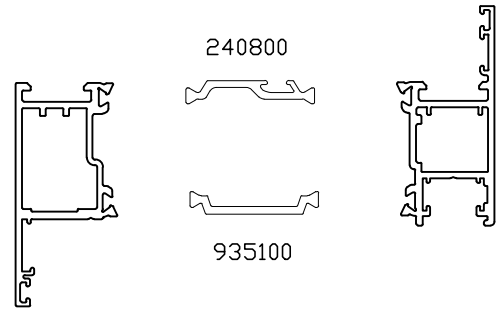


PERIPHERY = 561
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE



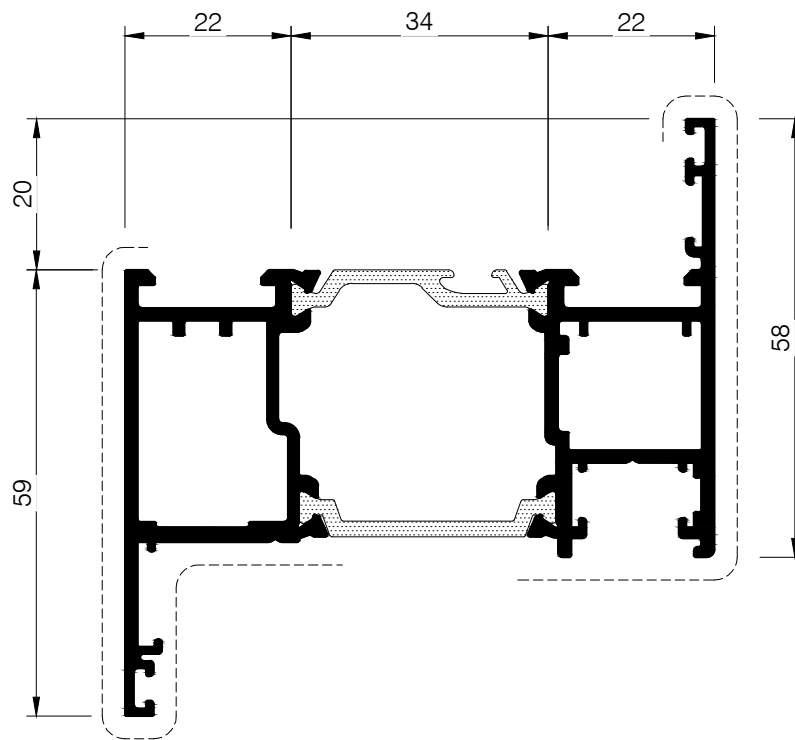
$IXX = 79.9 \text{ cm}^4$
 $IYY = 45.1 \text{ cm}^4$
 $ZXX = 16.0 \text{ cm}^3$
 $ZYY = 9.0 \text{ cm}^3$

**CS959 - 79mm CASEMENT
SHOOTBOLT LOCKING**

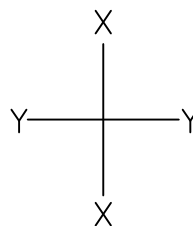


CS959-2
Perimeter: 232

CS959-3
Perimeter: 268



PERIPHERY = 448
STD. LENGTH = 6450
BOX QTY. = 3
VISIBLE SURFACE -----

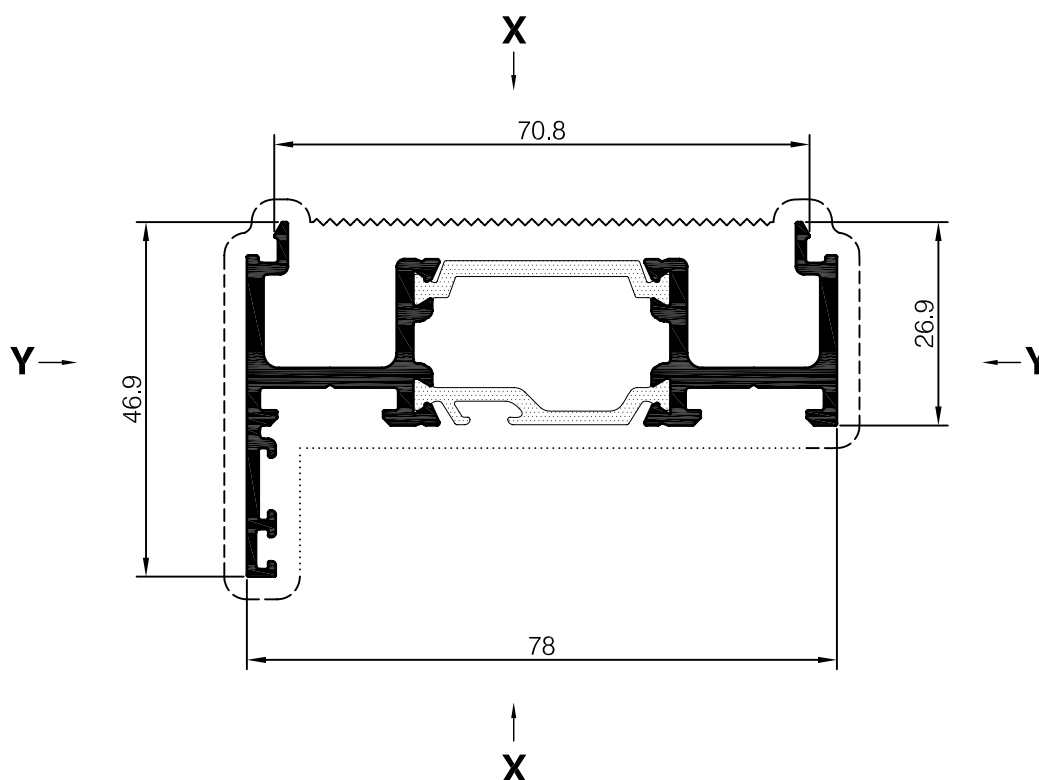
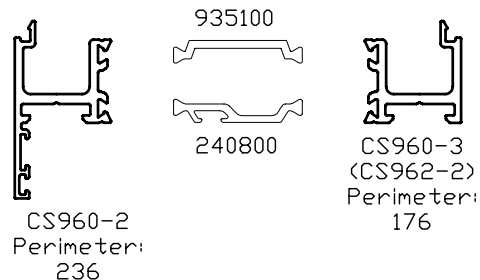


$$\begin{aligned} I_{XX} &= 52.01 \text{ cm}^4 \\ I_{YY} &= 15.42 \text{ cm}^4 \\ Z_{XX} &= 13.17 \text{ cm}^3 \\ Z_{YY} &= 3.83 \text{ cm}^3 \end{aligned}$$

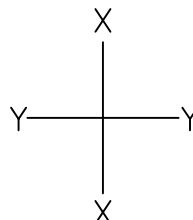


ALL DIMENSIONS IN MM

CS960 - 78 MM MULLION INFILL PLATE

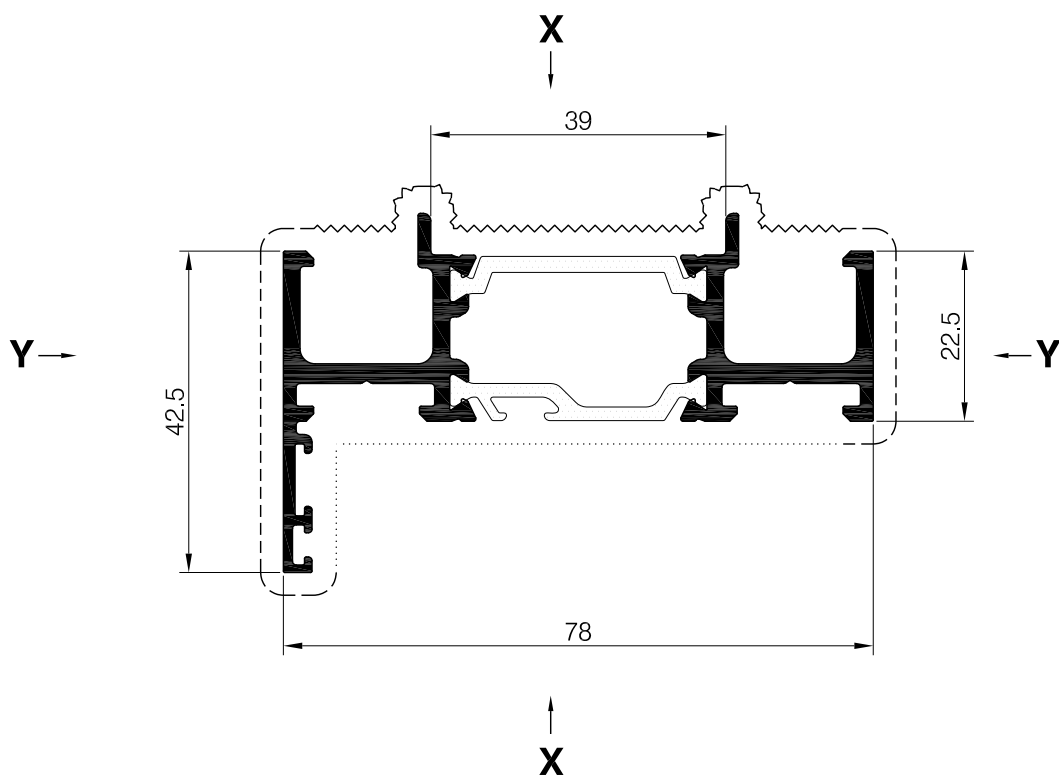
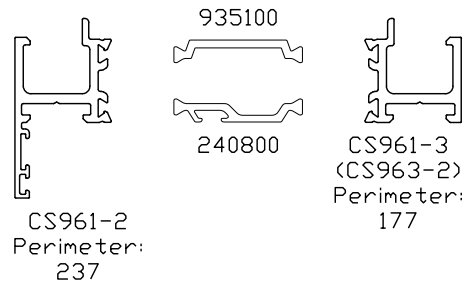


PERIPHERY = 398
STD. LENGTH = 6450
BOX QTY. = 3
VISIBLE SURFACE
SECONDARY SURFACE

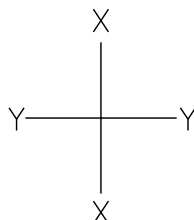


$IXX = 34.9 \text{ cm}^4$
 $IYY = 3.5 \text{ cm}^4$
 $ZXX = 8.1 \text{ cm}^3$
 $ZYY = 1.3 \text{ cm}^3$

CS961 - 78 MM MULLION INFILL PLATE



PERIPHERY = 399
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

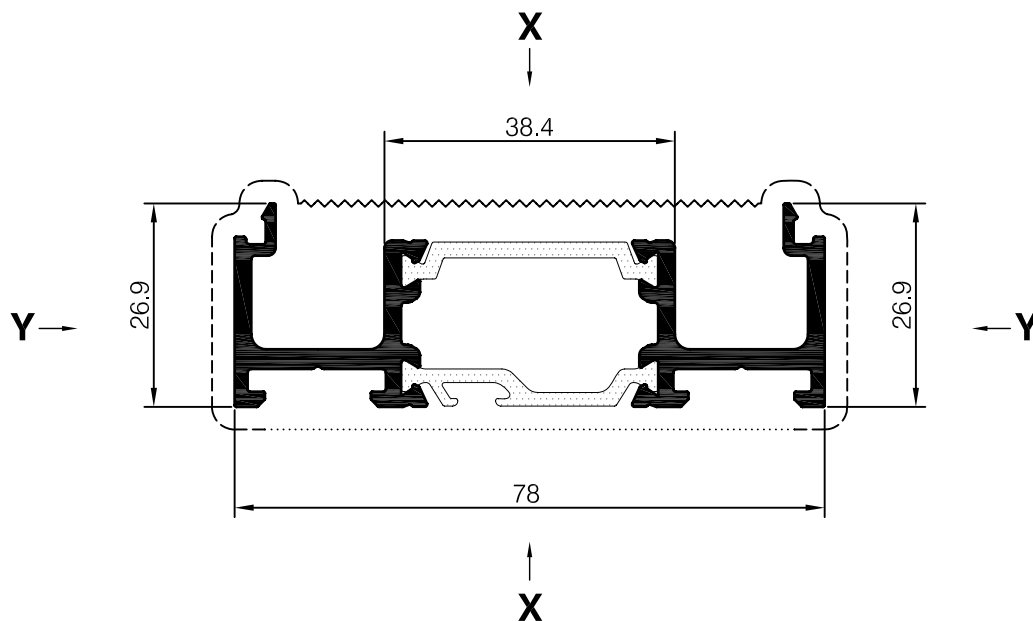
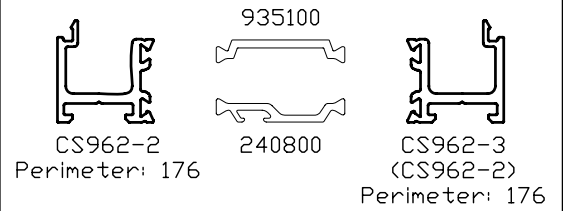


$$\begin{aligned} I_{XX} &= 34.1 \text{ cm}^4 \\ I_{YY} &= 3.7 \text{ cm}^4 \\ Z_{XX} &= 7.9 \text{ cm}^3 \\ Z_{YY} &= 1.3 \text{ cm}^3 \end{aligned}$$

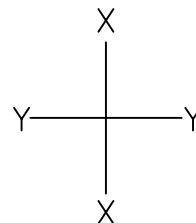


ALL DIMENSIONS IN MM

**CS962 - 78 MM MULLION
INFILL PLATE. NO LEG**



PERIPHERY = 353
STD. LENGTH = 6450
BOX QTY. = 4
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



$\frac{IXX}{IYY} = 29.6 \text{ cm}^4$
 $\frac{ZXX}{ZYY} = 7.6 \text{ cm}^3$
 $\frac{ZYY}{ZXX} = 1.1 \text{ cm}^3$



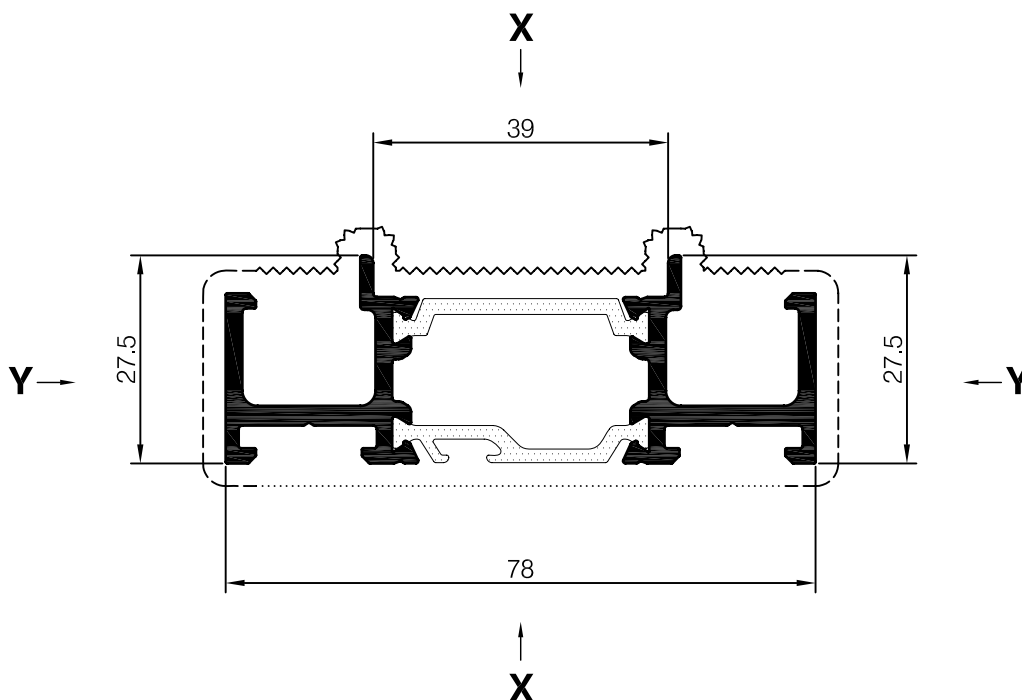
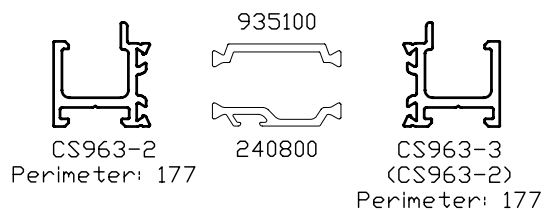
ALL DIMENSIONS IN MM

STANDARD PROFILES

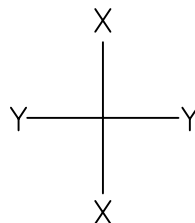
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

CS963 - 78 MM MULLION NO LEG

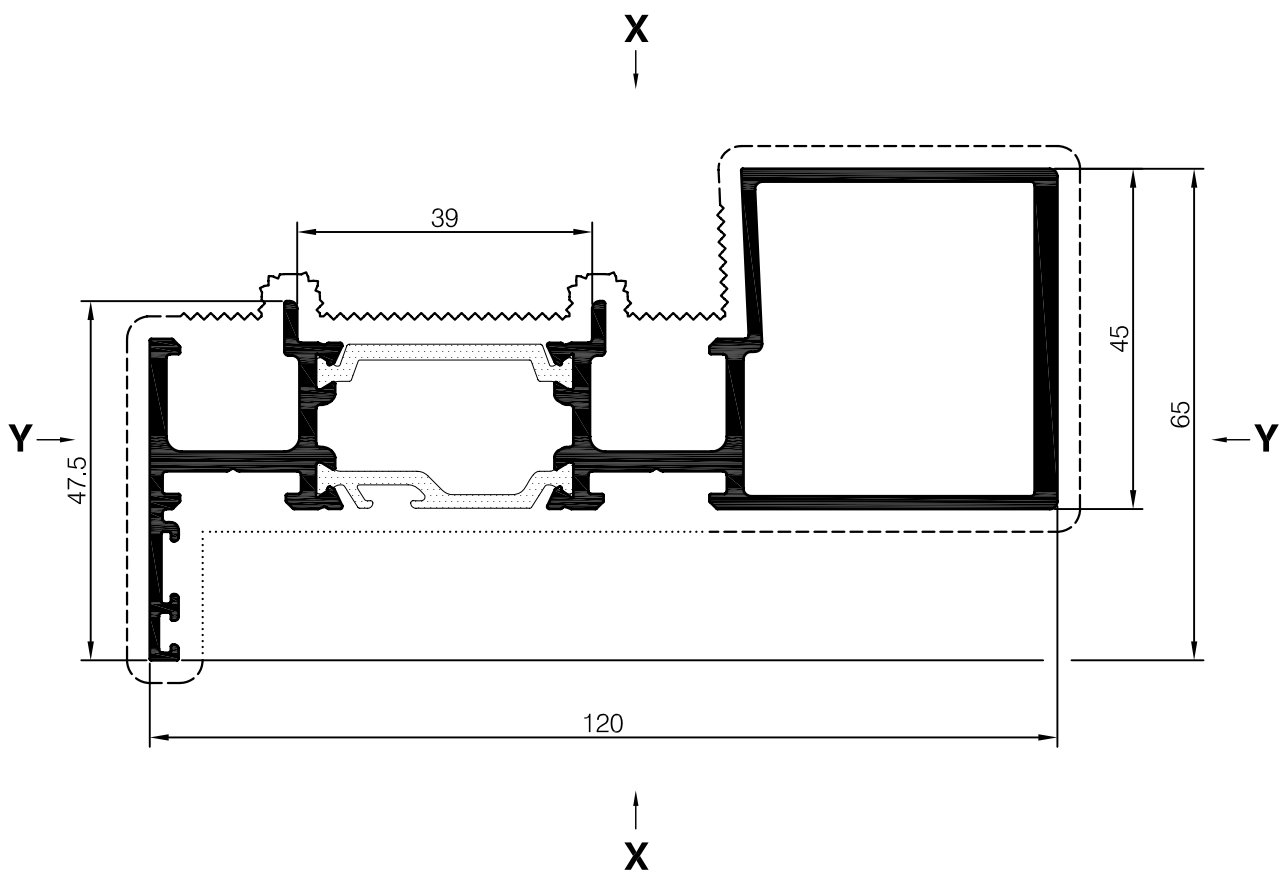
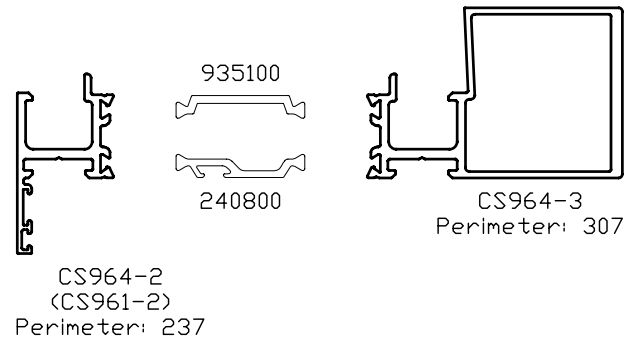


PERIPHERY = 355
STD. LENGTH = 6450
BOX QTY. = 4
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

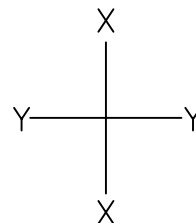


$IXX = 28.8 \text{ cm}^4$
 $IYY = 2.0 \text{ cm}^4$
 $ZXX = 7.4 \text{ cm}^3$
 $ZYY = 1.2 \text{ cm}^3$

**CS964 - 120 MM MULLION
INTERNAL BOX**

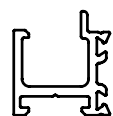


PERIPHERY = 545
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

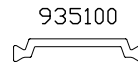


$IXX = 126.9 \text{ cm}^4$
 $IYY = 16.7 \text{ cm}^4$
 $ZXX = 19.8 \text{ cm}^3$
 $ZYY = 4.8 \text{ cm}^3$

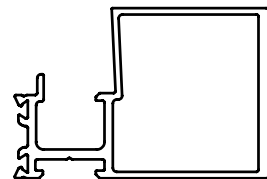
CS965 - 120 MM MULLION INT. BOX NO LEG



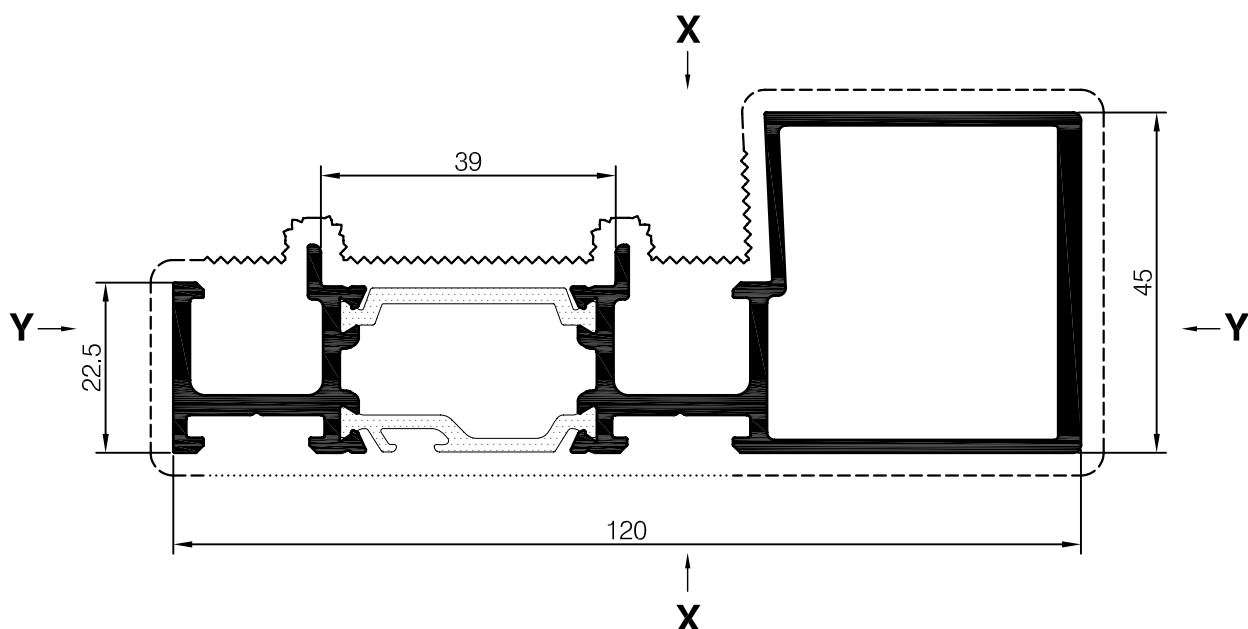
CS965-2
(CS963-2)
Perimeter: 177



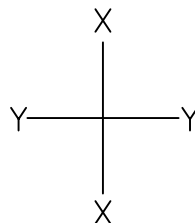
935100
240800



CS965-3
(CS964-3)
Perimeter: 307

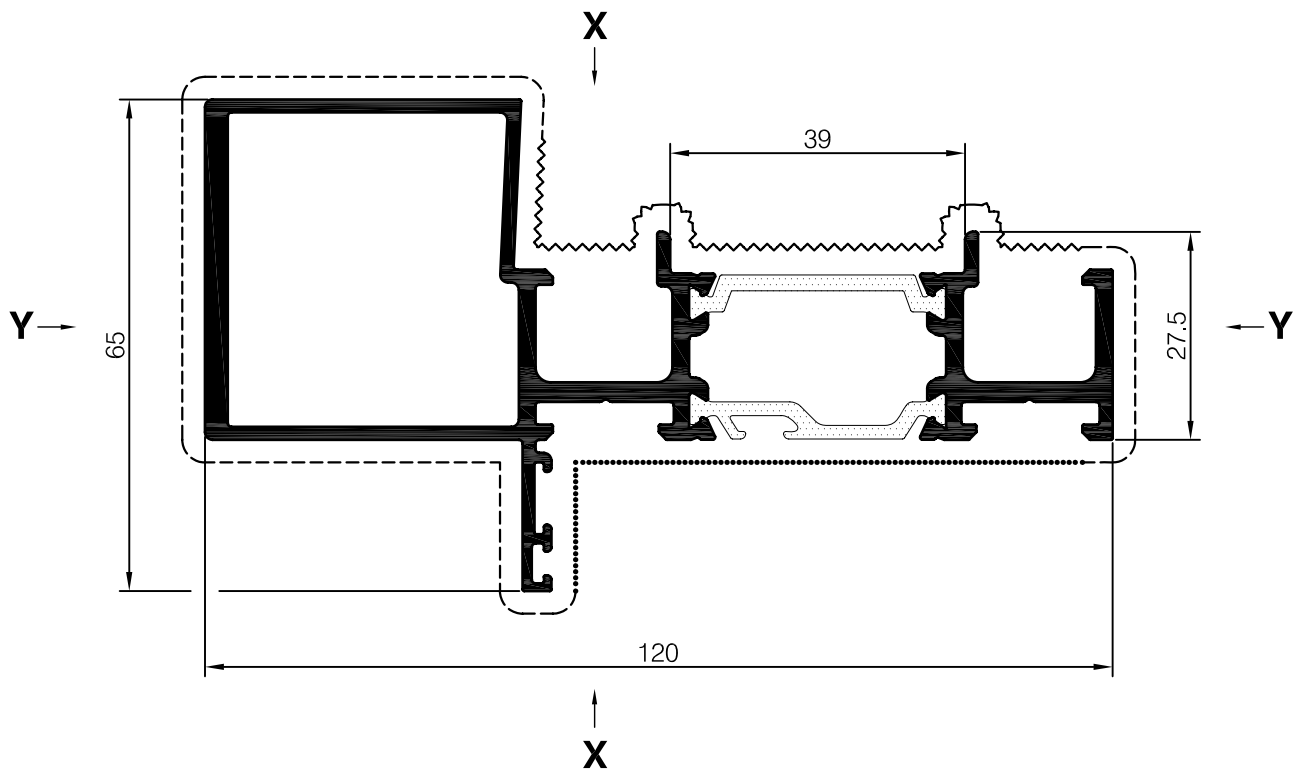
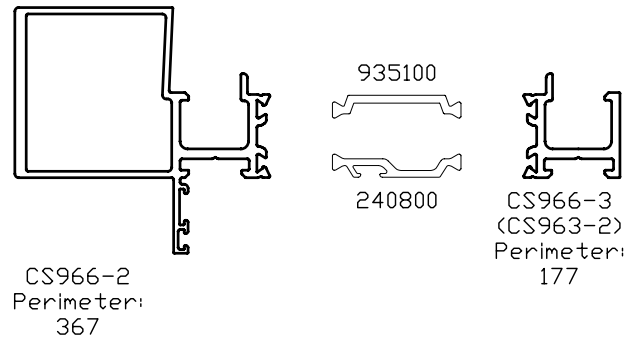


PERIPHERY = 485
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

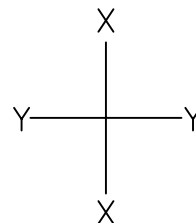


$IXX = 109.5 \text{ cm}^4$
 $IYY = 13.8 \text{ cm}^4$
 $ZXX = 16.1 \text{ cm}^3$
 $ZYY = 4.8 \text{ cm}^3$

**CS966 - 120 MM MULLION
EXTERNAL BOX**

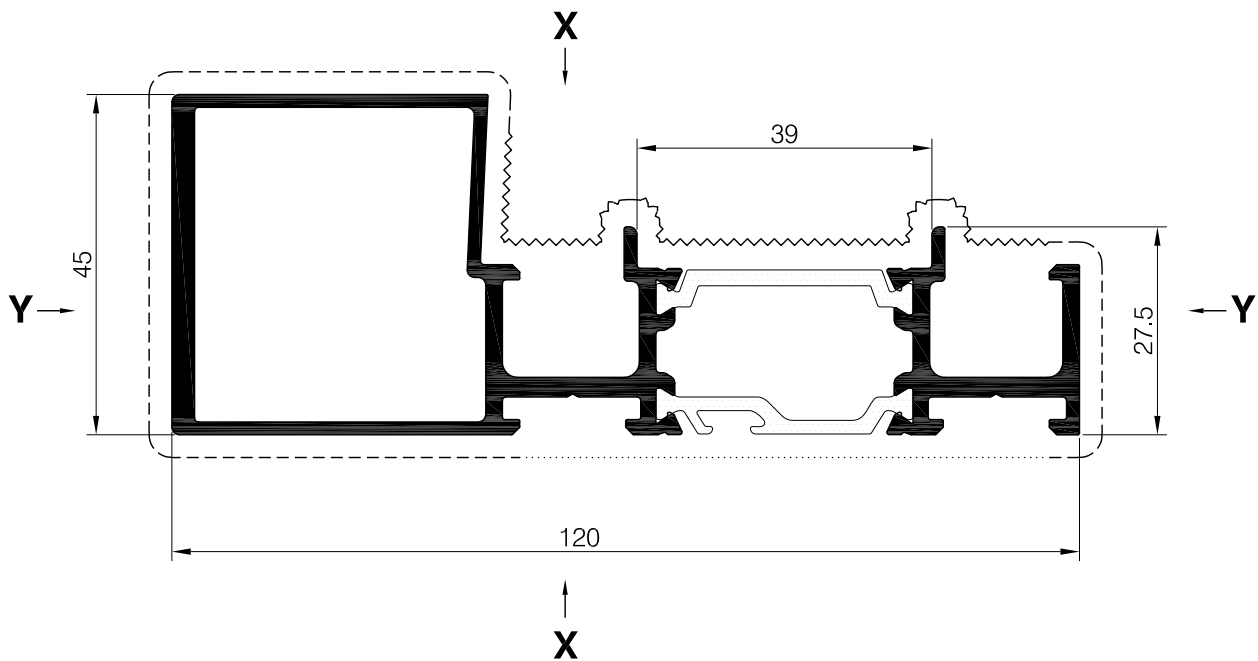
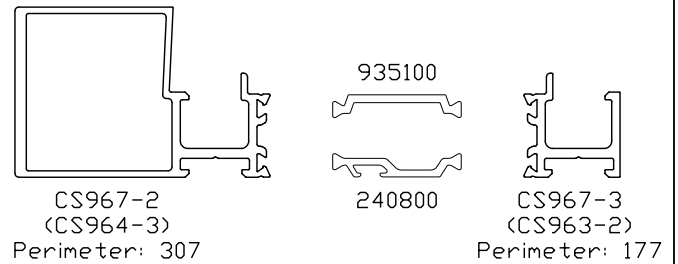


PERIPHERY = 544
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

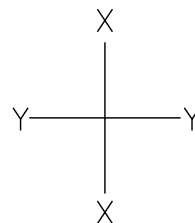


$IXX = 109.8 \text{ cm}^4$
 $IYY = 16.7 \text{ cm}^4$
 $ZXX = 15.9 \text{ cm}^3$
 $ZYY = 4.8 \text{ cm}^3$

**CS967 - 120 MM MULLION
EXT. BOX NO LEG**

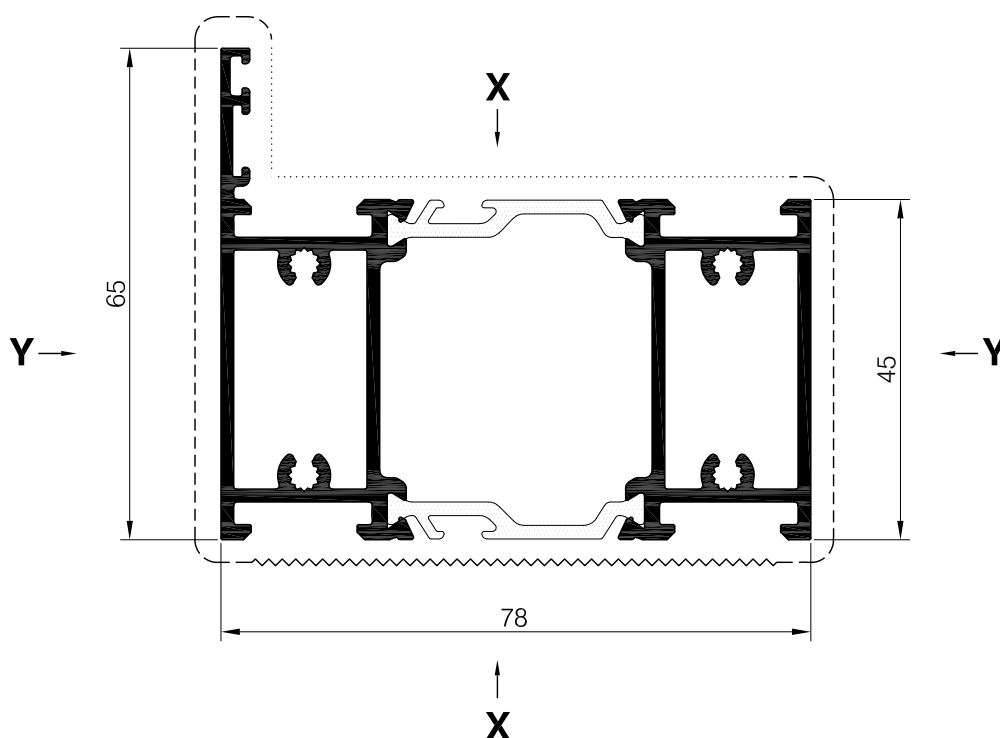
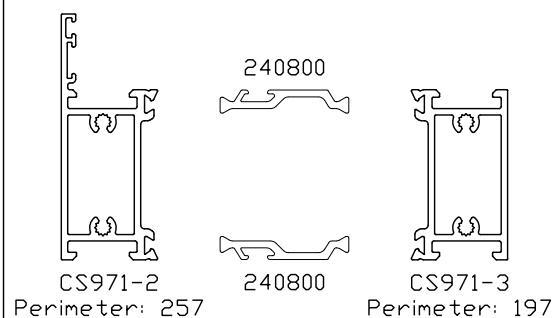


PERIPHERY = 485
STD. LENGTH = 6450
BOX QTY. = 3
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

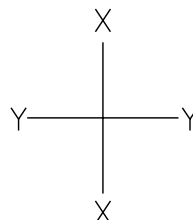


$IXX = 109.5 \text{ cm}^4$
 $IYY = 13.8 \text{ cm}^4$
 $ZXX = 16.1 \text{ cm}^3$
 $ZYY = 4.8 \text{ cm}^3$

CS971 - 45MM TRANSOM HEAD/SILL

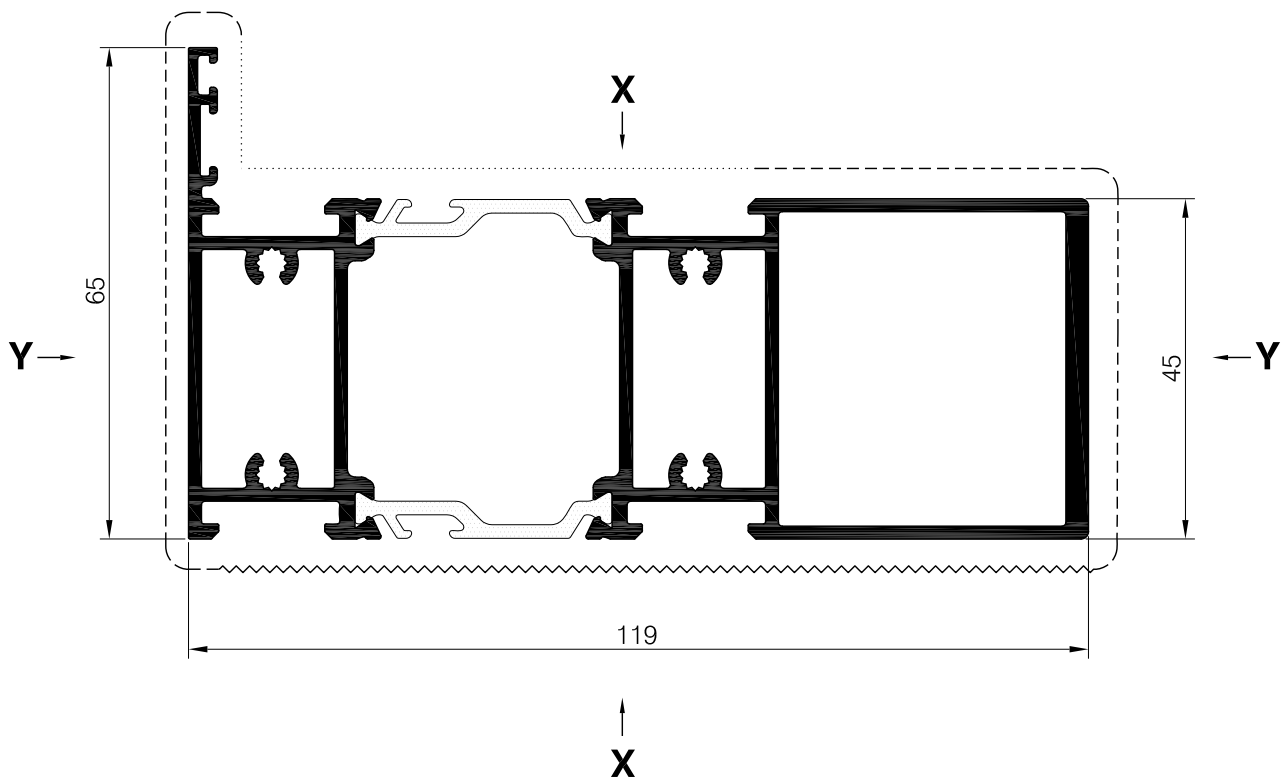
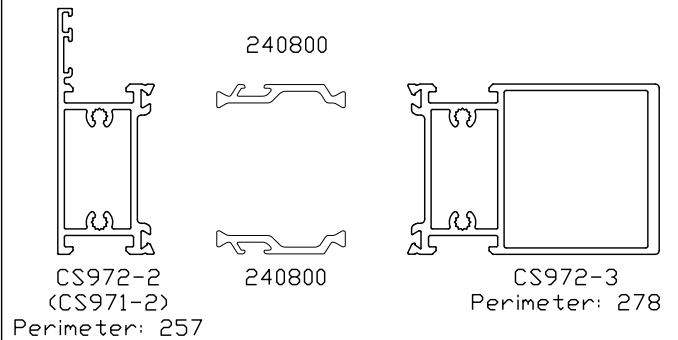


PERIPHERY = 394
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

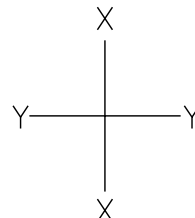


$IXX = 52.6 \text{ cm}^4$
 $IYY = 18.0 \text{ cm}^4$
 $ZXX = 12.5 \text{ cm}^3$
 $ZYY = 4.5 \text{ cm}^3$

**CS972 - 45MM TRANSOM
HEAD/SILL INTERNAL BOX**



PERIPHERY = 476
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

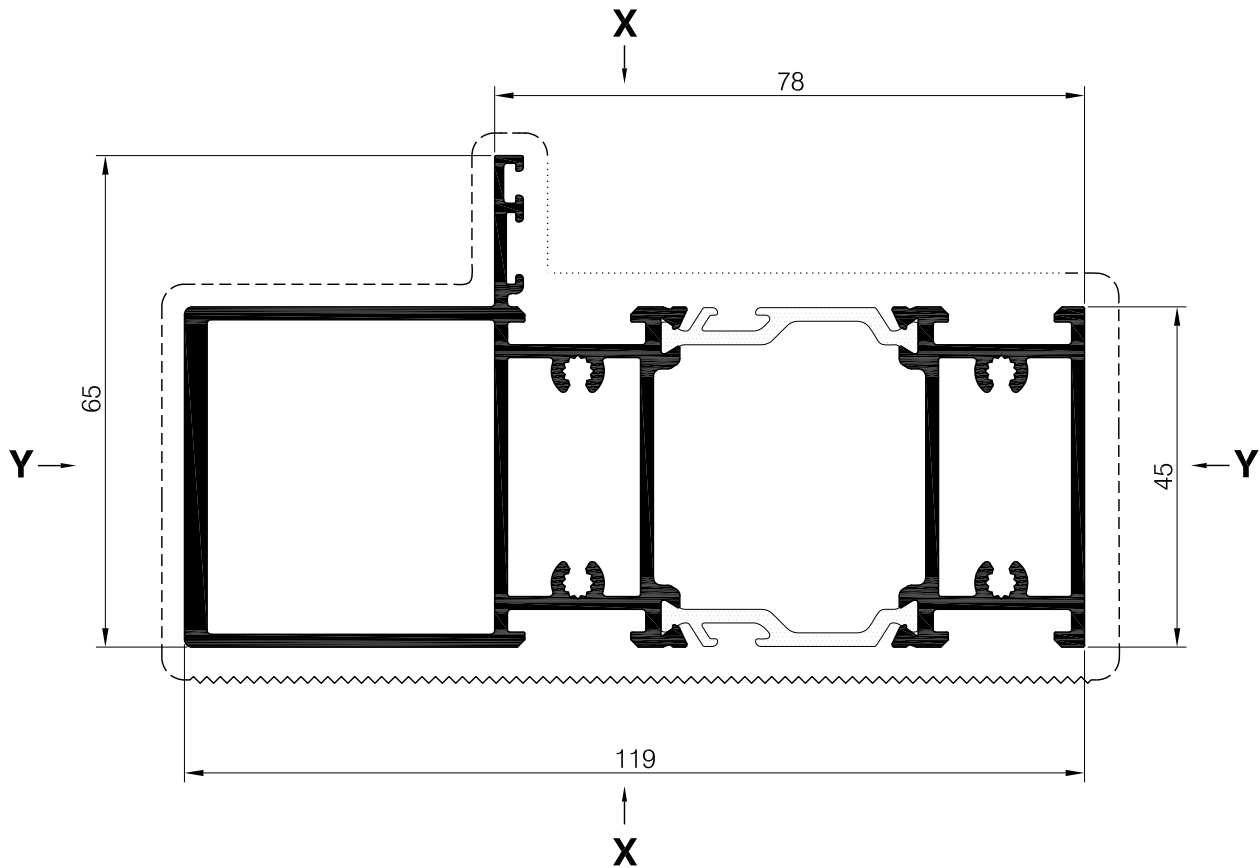
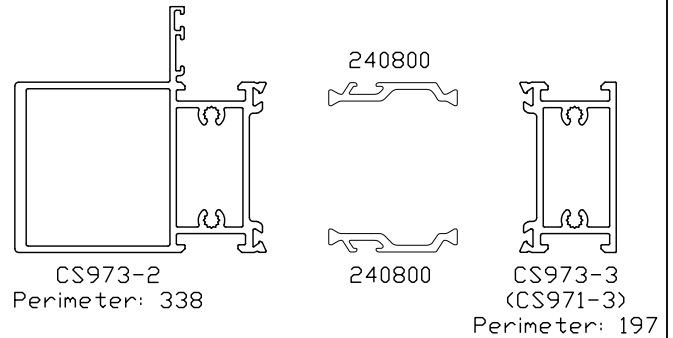


$IXX = 150.7 \text{ cm}^4$
 $IYY = 26.4 \text{ cm}^4$
 $ZXX = 24.3 \text{ cm}^3$
 $ZYY = 6.4 \text{ cm}^3$

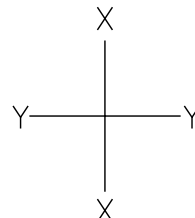


ALL DIMENSIONS IN MM

**CS973 - 45MM TRANSOM
HEAD/SILL EXTERNAL BOX**

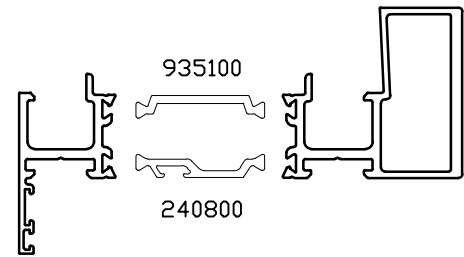


PERIPHERY = 476
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



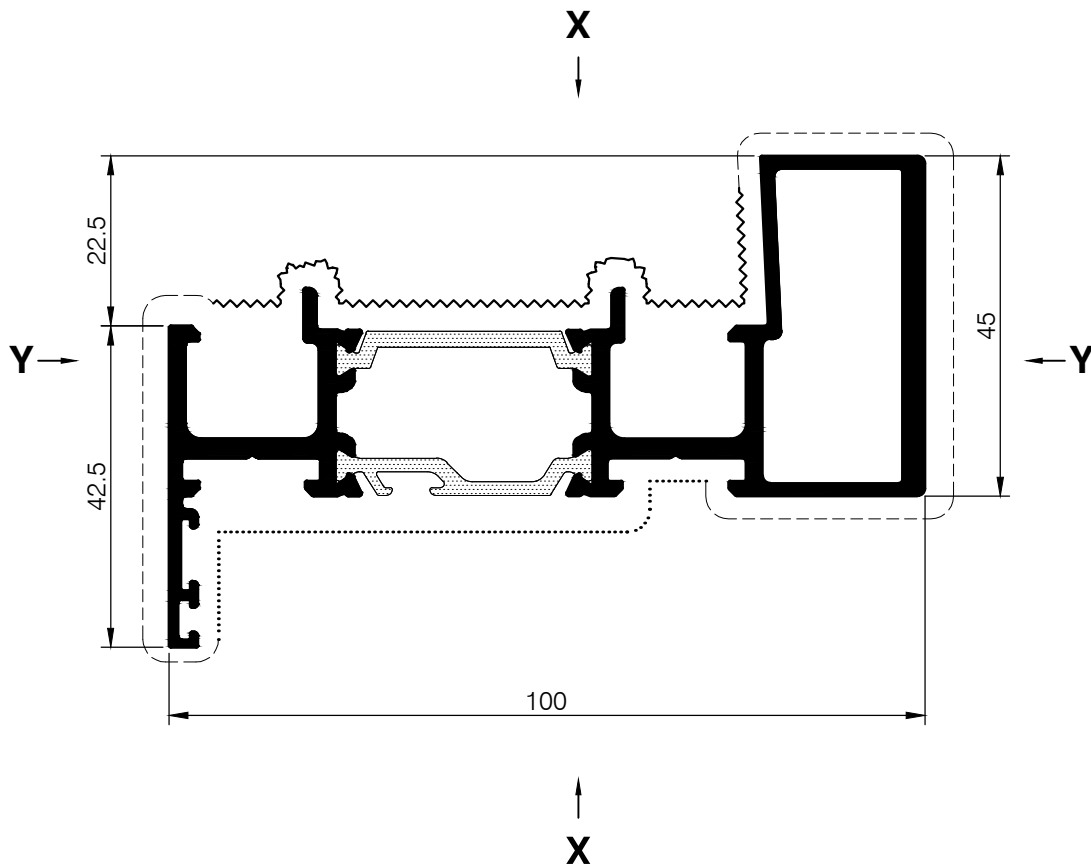
$IXX = 138.2 \text{ cm}^4$
 $IYY = 26.4 \text{ cm}^4$
 $ZXX = 22.7 \text{ cm}^3$
 $ZYY = 6.4 \text{ cm}^3$

CS974 - 100mm MULLION INTERNAL BOX

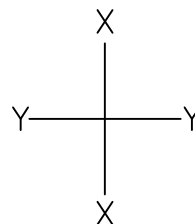


CS974-2
(CS961-2)
Perimeter: 235.3

CS974-3
Perimeter: 265.6



PERIPHERY = 508.5
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

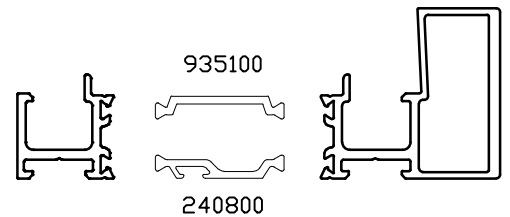


$IXX = 86.1 \text{ cm}^4$
 $IYY = 13.2 \text{ cm}^4$
 $ZXX = 15.5 \text{ cm}^3$
 $ZYY = 3.9 \text{ cm}^3$



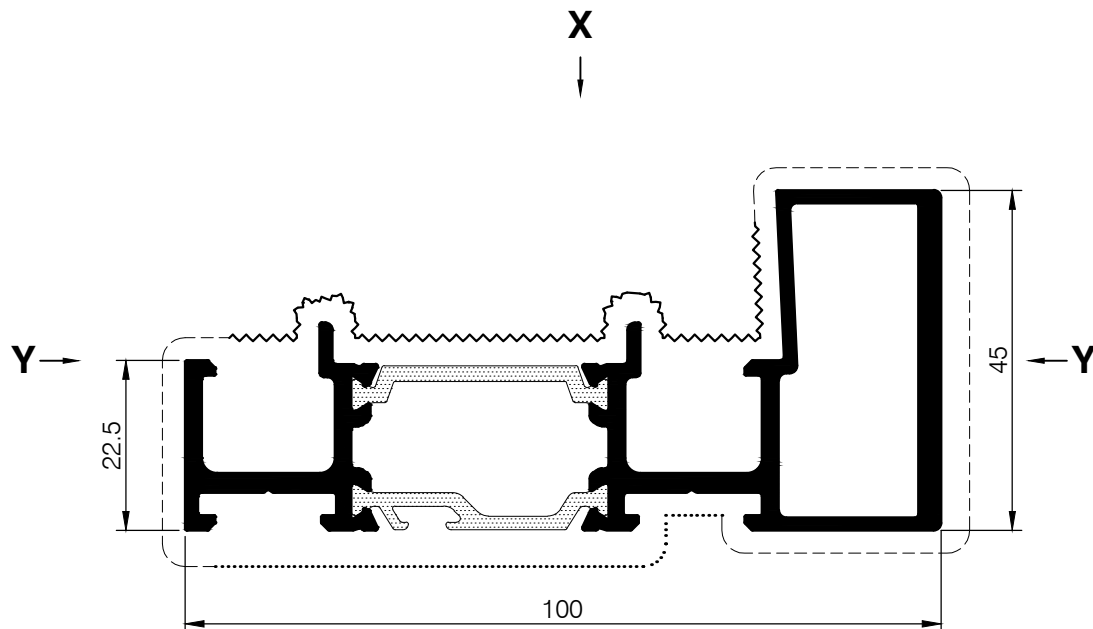
ALL DIMENSIONS IN MM

**CS975 - 100mm MULLION
INTERNAL BOX
NO LEG**

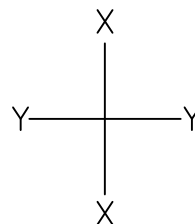


CS975-2
(CS963-2)
Perimeter: 175.4

CS975-3
(CS974-3)
Perimeter: 265.6



PERIPHERY = 430
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

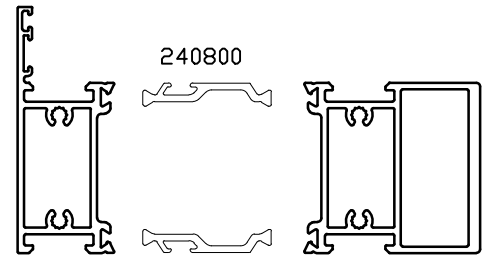


$IXX = 73.0 \text{ cm}^4$
 $IYY = 10.4 \text{ cm}^4$
 $ZXX = 12.3 \text{ cm}^3$
 $ZYY = 3.6 \text{ cm}^3$



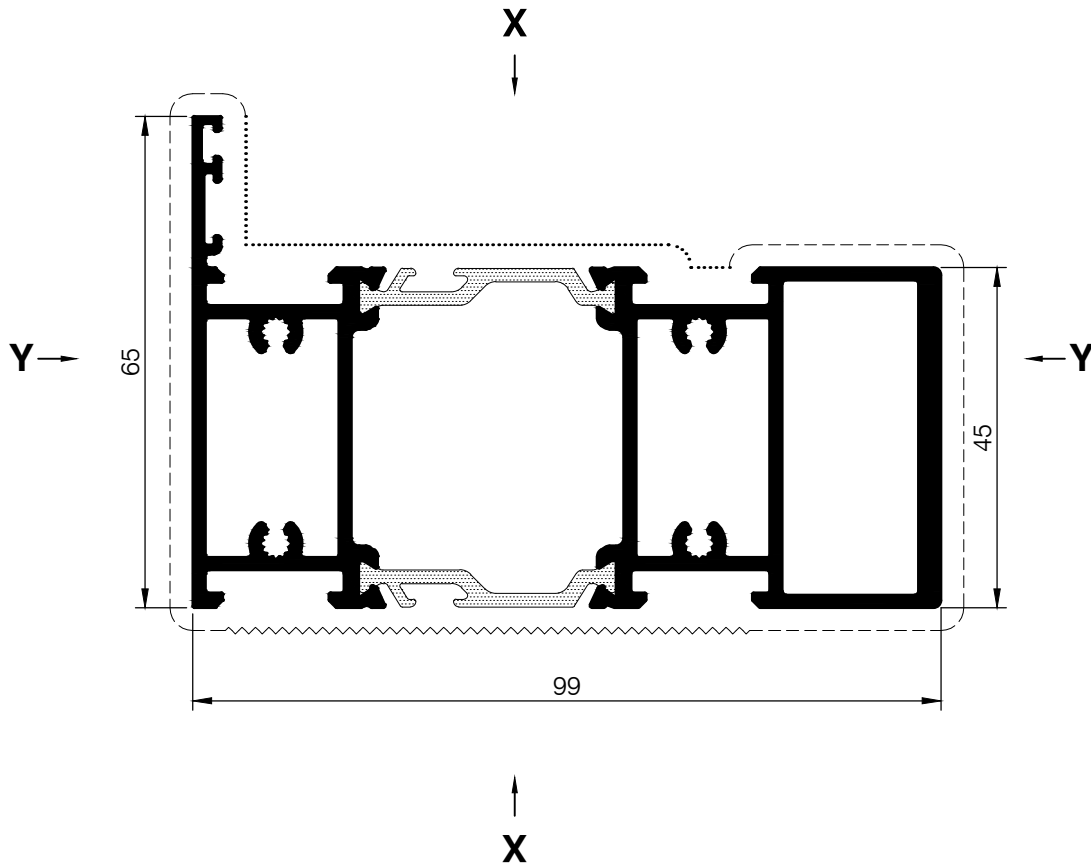
ALL DIMENSIONS IN MM

**CS976 - 45mm TRANSOM
HEAD/SILL
INTERNAL BOX**

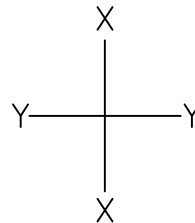


CS976-2
(CS971-2)
Perimeter: 254.8

CS976-3
Perimeter: 236.2



PERIPHERY = 460.3
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

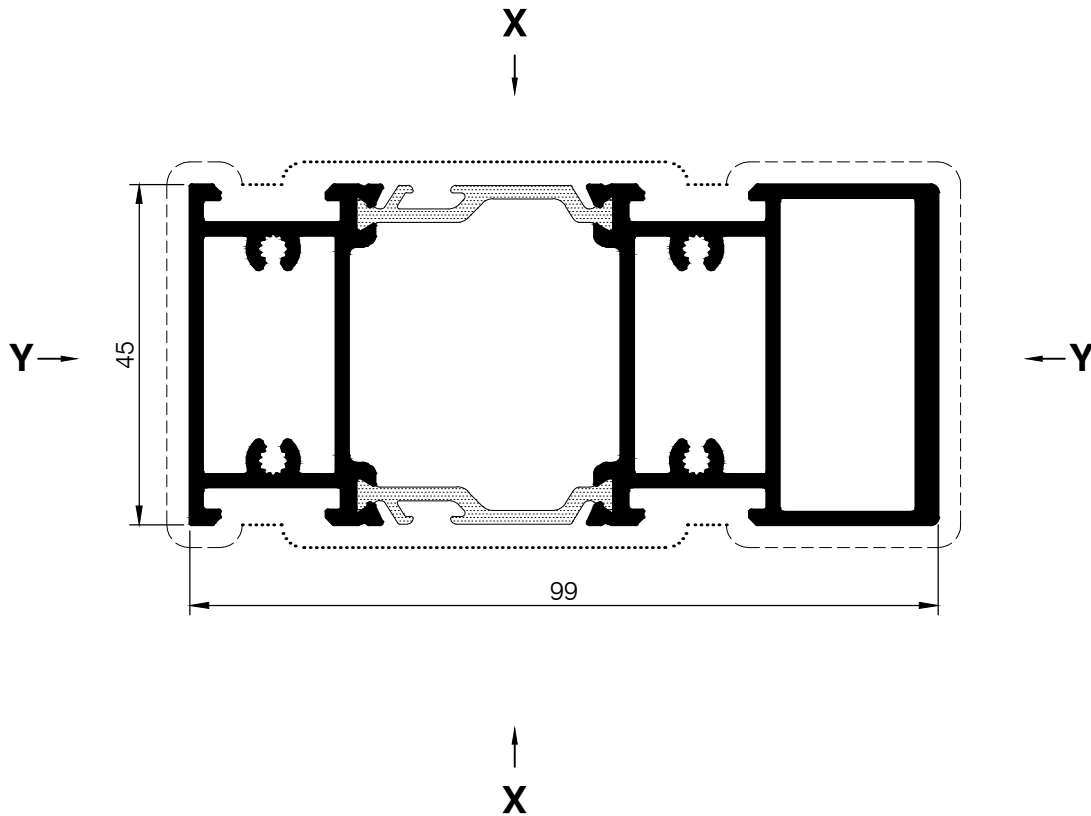
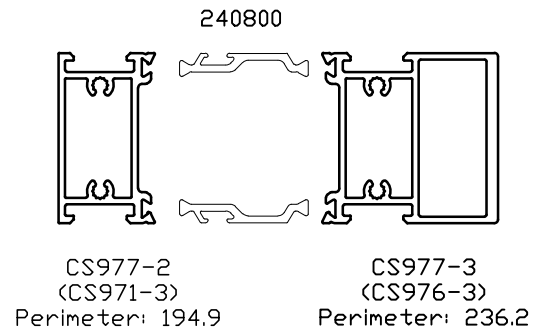


$IXX = 103.2 \text{ cm}^4$
 $IYY = 22.5 \text{ cm}^4$
 $ZXX = 20.6 \text{ cm}^3$
 $ZYY = 5.7 \text{ cm}^3$

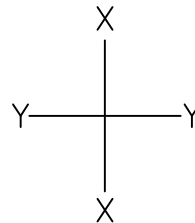


ALL DIMENSIONS IN MM

**CS977 - 45mm TRANSOM
INTERNAL BOX
NO LEG**



PERIPHERY = 400.4
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



$IXX = 92.9 \text{ cm}^4$
 $IYY = 19.1 \text{ cm}^4$
 $ZXX = 17.7 \text{ cm}^3$
 $ZYY = 8.5 \text{ cm}^3$



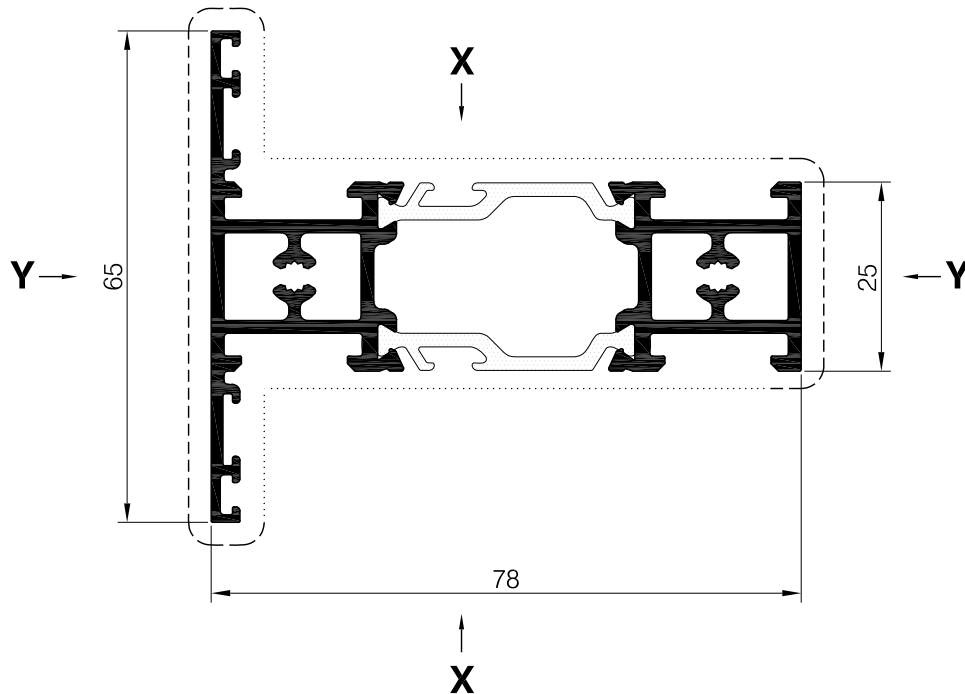
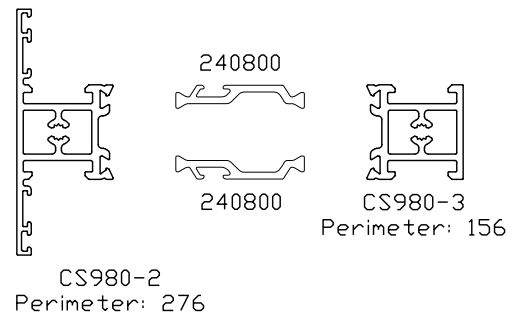
ALL DIMENSIONS IN MM

STANDARD PROFILES

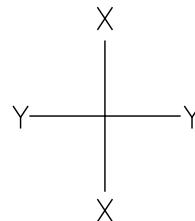
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

CS980 - 25MM TRANSOM



PERIPHERY = 415
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

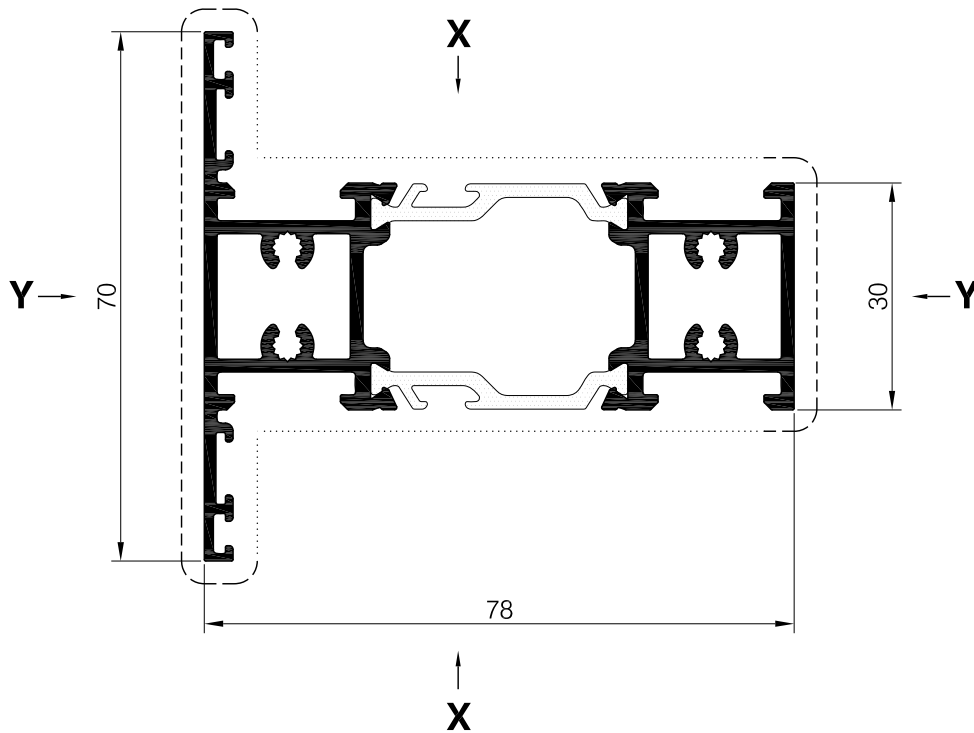
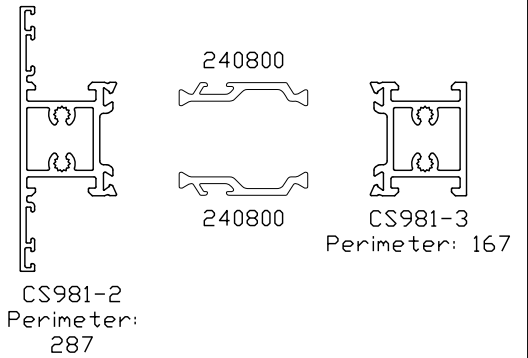


$$\begin{aligned} I_{XX} &= 43.8 \text{ cm}^4 \\ I_{YY} &= 7.0 \text{ cm}^4 \\ Z_{XX} &= 9.7 \text{ cm}^3 \\ Z_{YY} &= 2.1 \text{ cm}^3 \end{aligned}$$

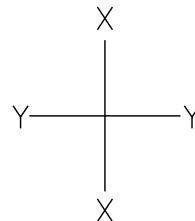


ALL DIMENSIONS IN MM

CS981 - 30MM TRANSOM

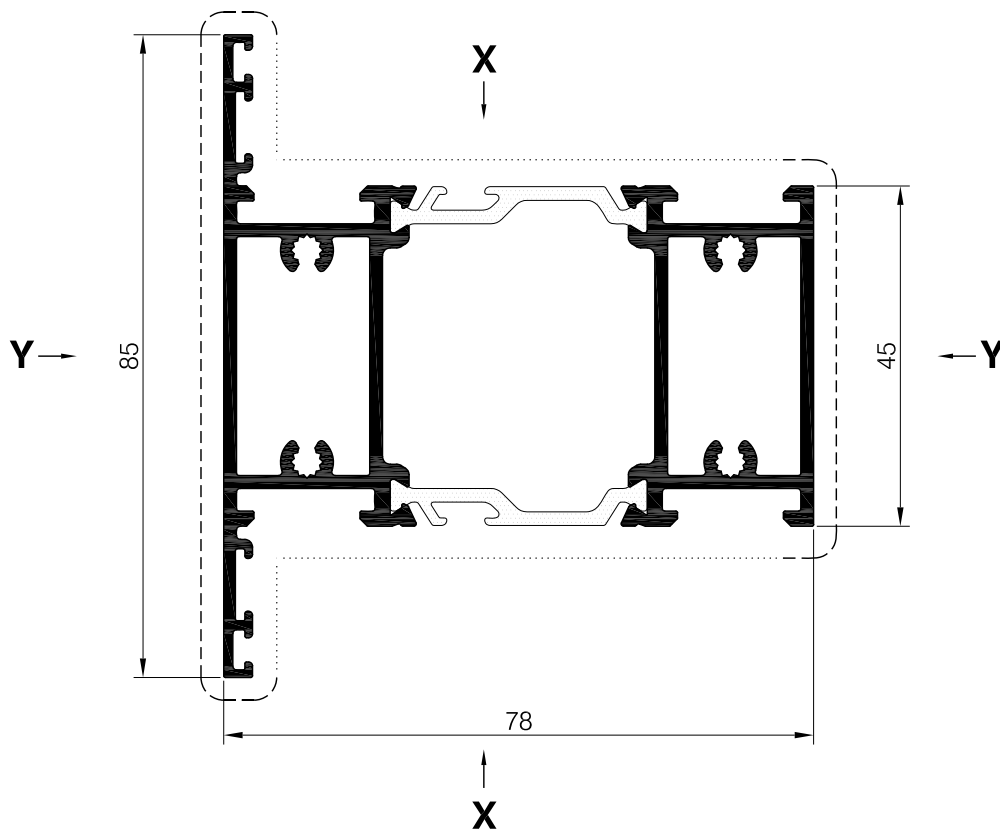
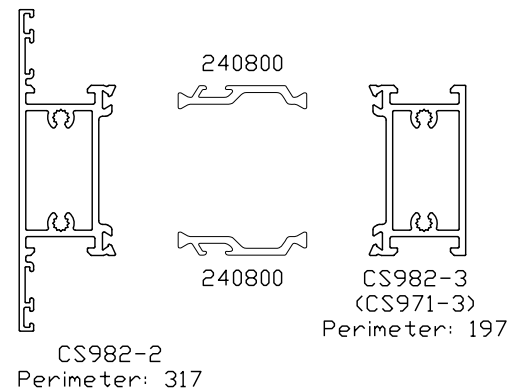


PERIPHERY = 425
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

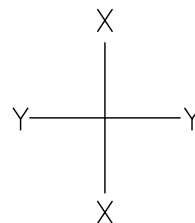


$$\begin{aligned} I_{XX} &= 48.0 \text{ cm}^4 \\ I_{YY} &= 9.9 \text{ cm}^4 \\ Z_{XX} &= 10.9 \text{ cm}^3 \\ Z_{YY} &= 2.8 \text{ cm}^3 \end{aligned}$$

CS982 - 45MM TRANSOM

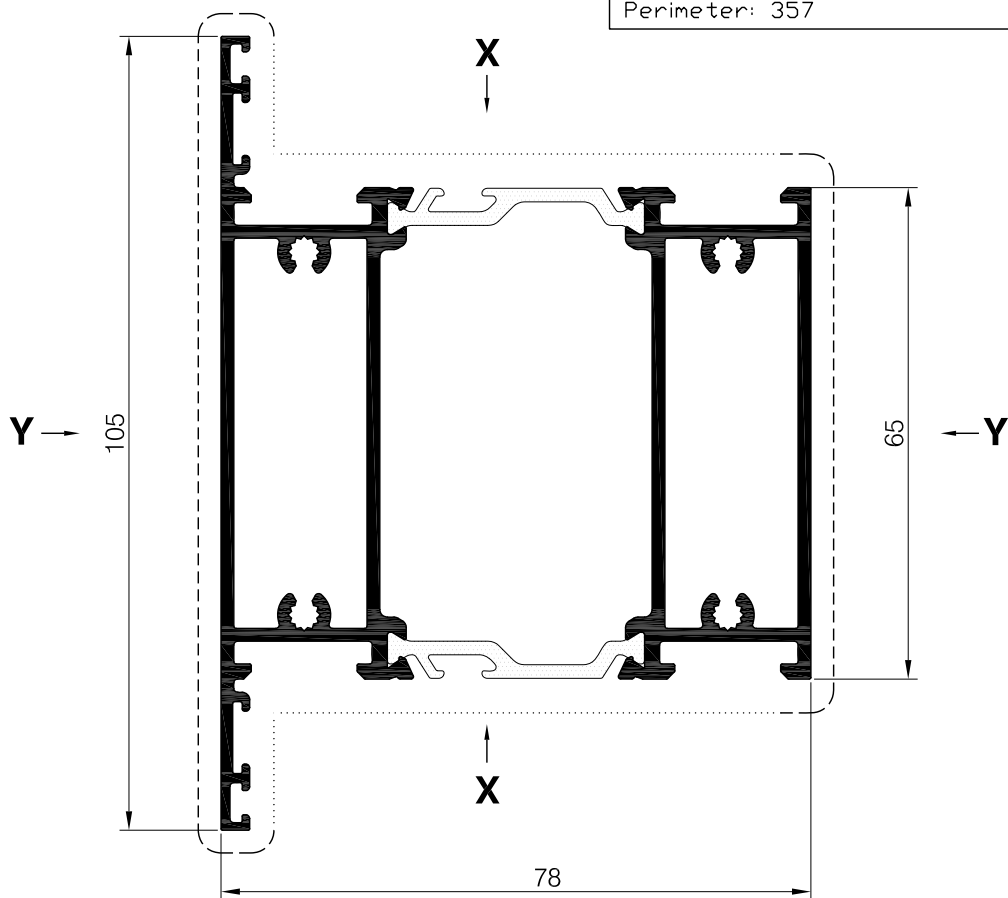
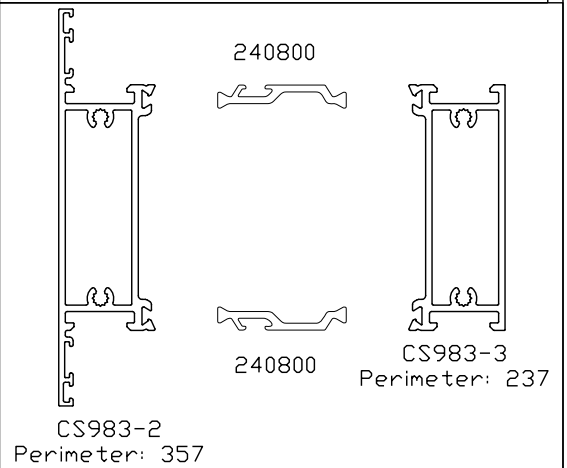


PERIPHERY = 455
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

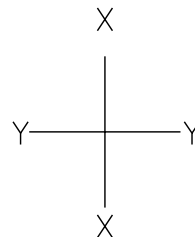


$IXX = 57.4 \text{ cm}^4$
 $IYY = 22.8 \text{ cm}^4$
 $ZXX = 13.0 \text{ cm}^3$
 $ZYY = 5.3 \text{ cm}^3$

CS983 - 65MM TRANSOM

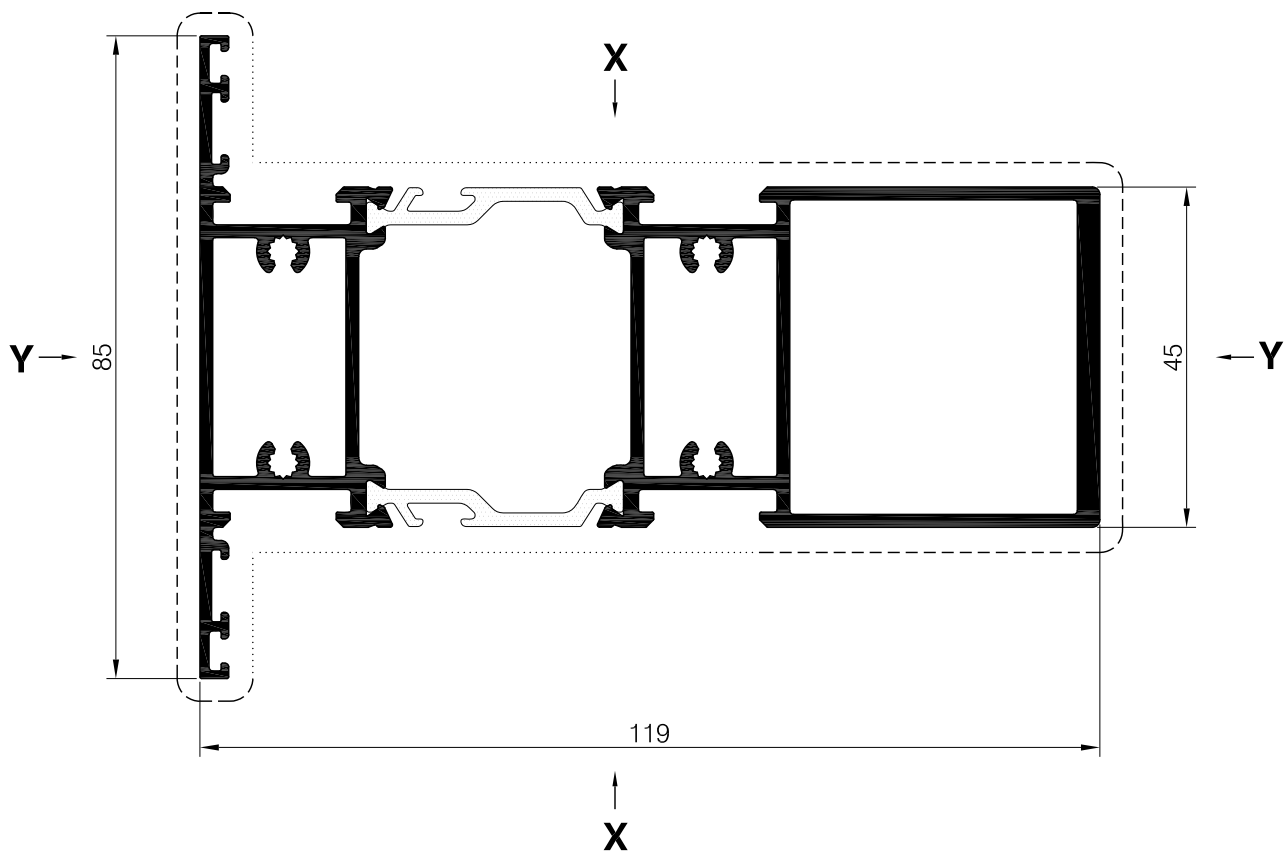
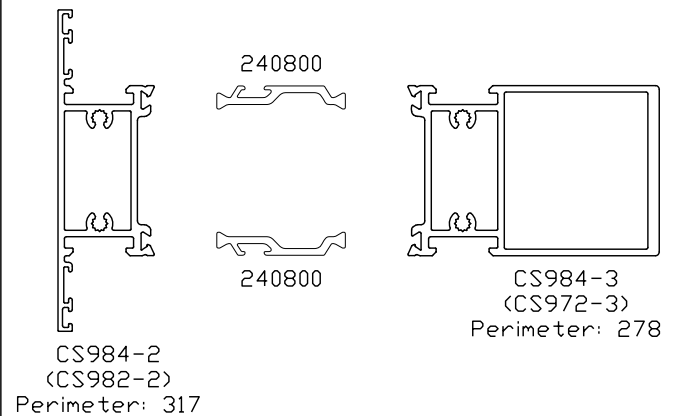


PERIPHERY = 495
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

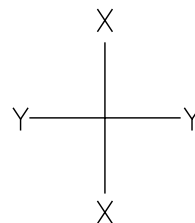


$$\begin{aligned} I_{XX} &= 70.0 \text{ cm}^4 \\ I_{YY} &= 52.1 \text{ cm}^4 \\ Z_{XX} &= 16.3 \text{ cm}^3 \\ Z_{YY} &= 9.8 \text{ cm}^3 \end{aligned}$$

**CS984 - 45MM TRANSOM
INTERNAL BOX**



PERIPHERY = 536
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

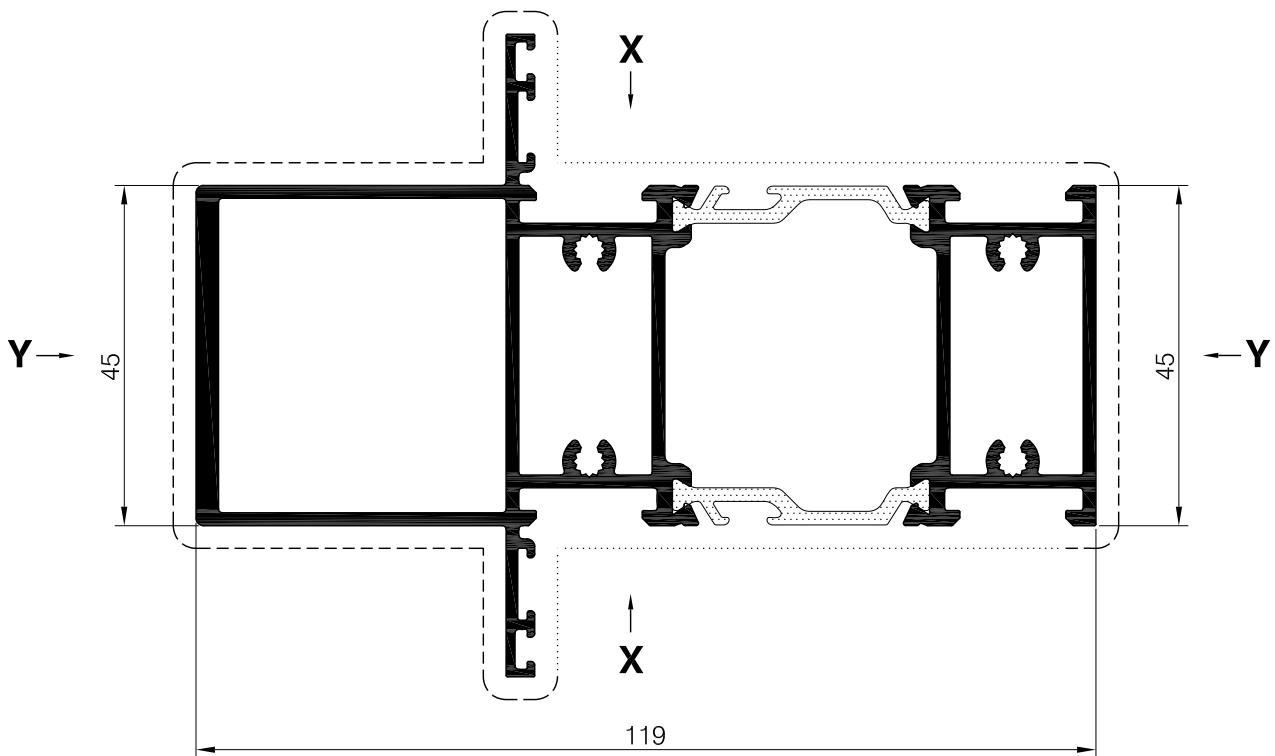
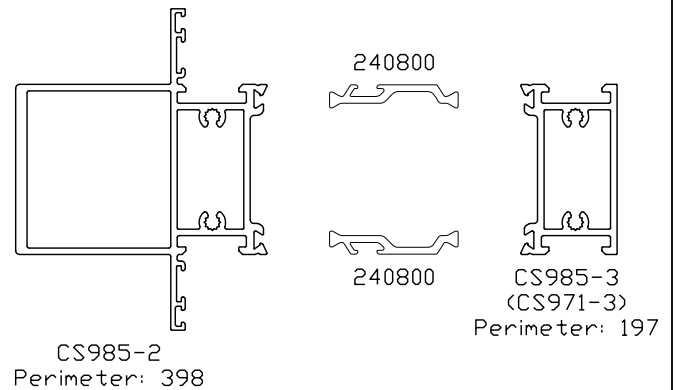


$$\begin{aligned} IXX &= 163.2 \text{ cm}^4 \\ IYY &= 31.1 \text{ cm}^4 \\ ZXX &= 25.5 \text{ cm}^3 \\ ZYY &= 7.2 \text{ cm}^3 \end{aligned}$$

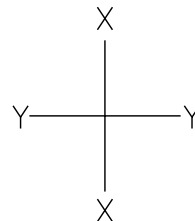


ALL DIMENSIONS IN MM

**CS985 - 45MM TRANSOM
EXTERNAL BOX.**



PERIPHERY = 536
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE



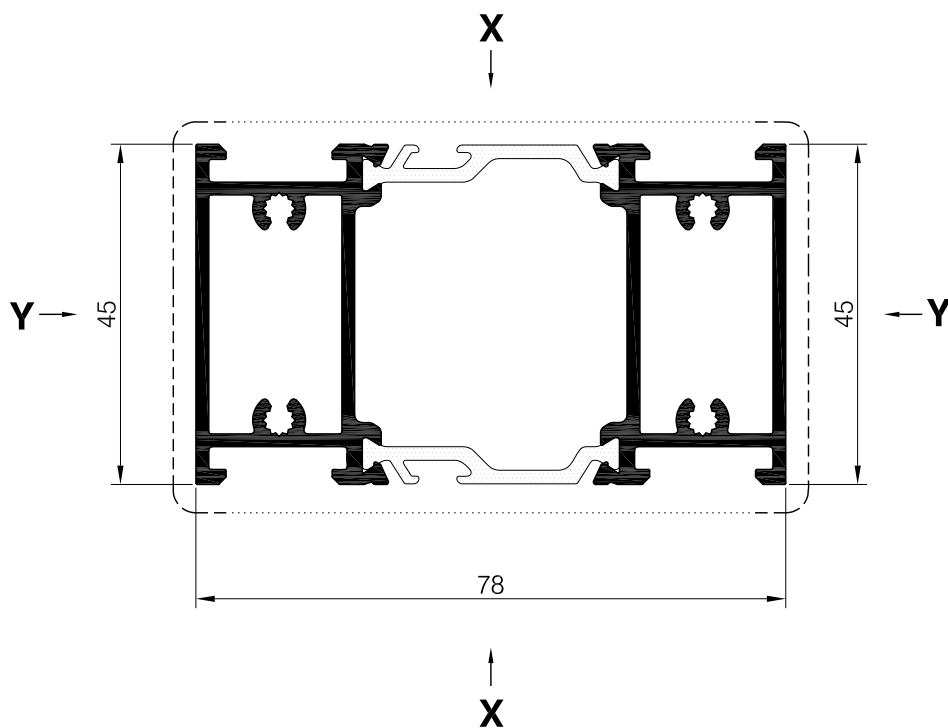
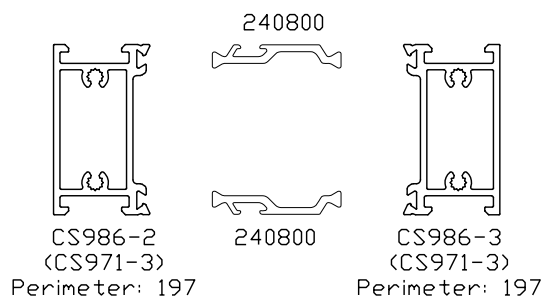
$$\begin{aligned} I_{XX} &= 139.2 \text{ cm}^4 \\ I_{YY} &= 31.1 \text{ cm}^4 \\ Z_{XX} &= 22.5 \text{ cm}^3 \\ Z_{YY} &= 7.2 \text{ cm}^3 \end{aligned}$$

STANDARD PROFILES

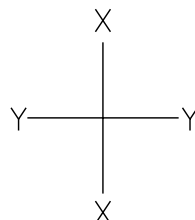
SCALE FULL SIZE (A4)

ISSUED OCTOBER 2010

CS986 - 45MM TRANSOM NO LEG



PERIPHERY = 335
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

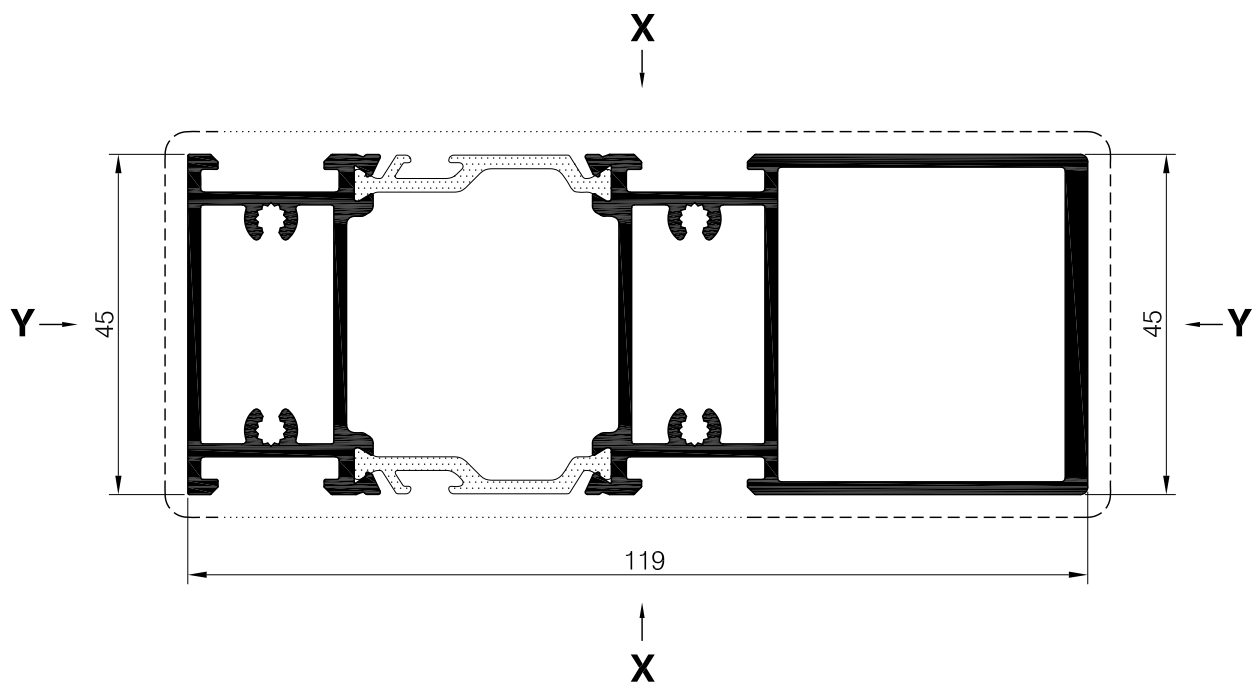
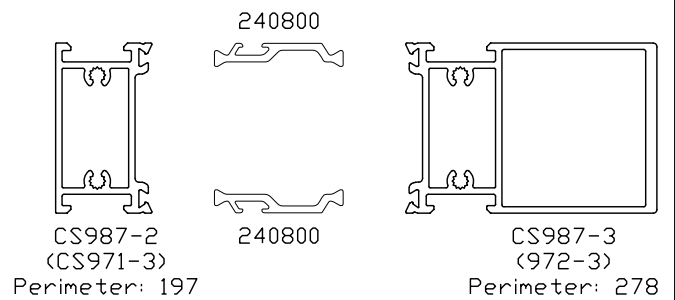


$$\begin{aligned} I_{XX} &= 47.1 \text{ cm}^4 \\ I_{YY} &= 13.7 \text{ cm}^4 \\ Z_{XX} &= 12.1 \text{ cm}^3 \\ Z_{YY} &= 6.0 \text{ cm}^3 \end{aligned}$$

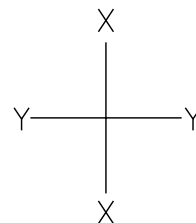


ALL DIMENSIONS IN MM

CS987 - 45MM TRANSOM INTERNAL BOX. NO LEG

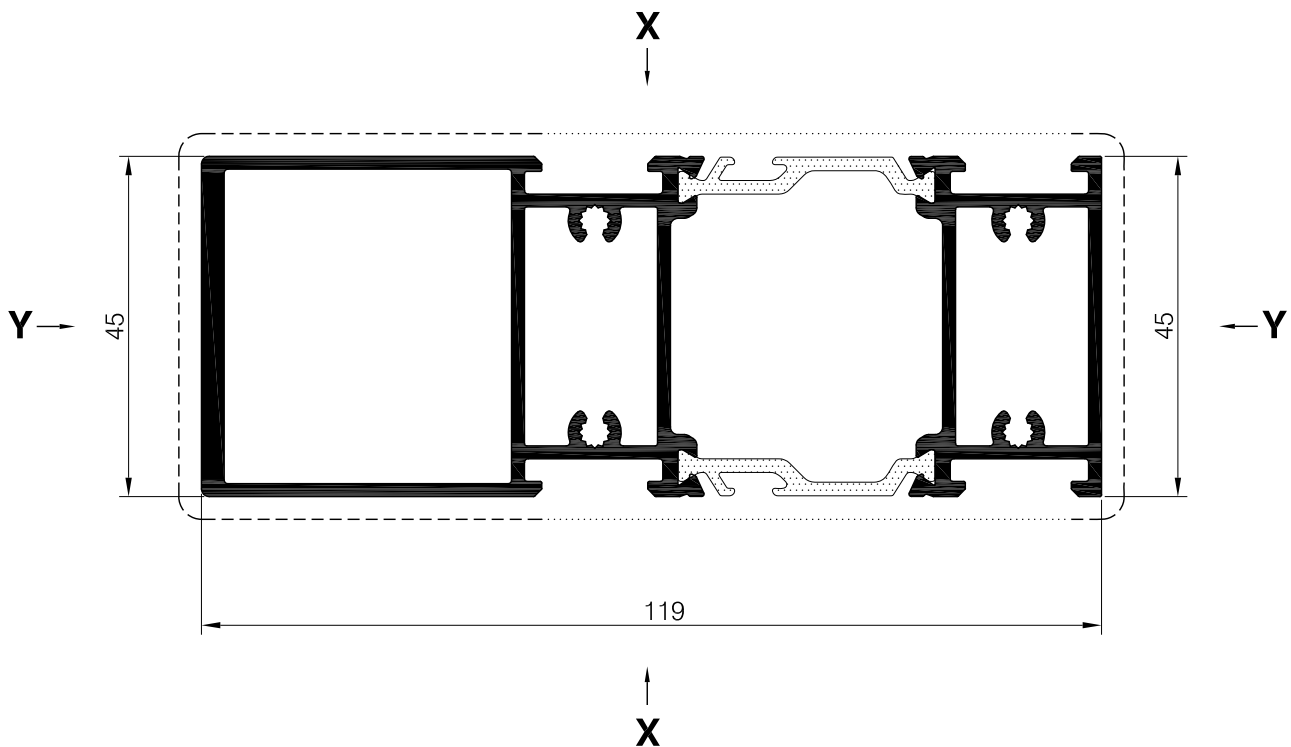
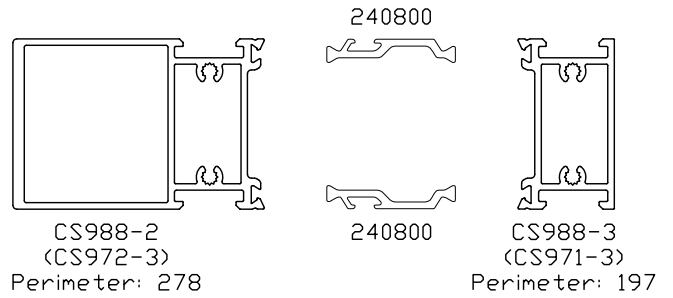


PERIPHERY = 416
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

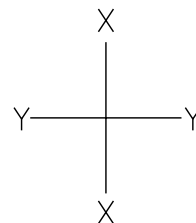


$IXX = 137.1 \text{ cm}^4$
 $IYY = 22.0 \text{ cm}^4$
 $ZXX = 22.9 \text{ cm}^3$
 $ZYY = 9.6 \text{ cm}^3$

**CS988 - 45MM TRANSOM
EXTERNAL BOX. NO LEG**

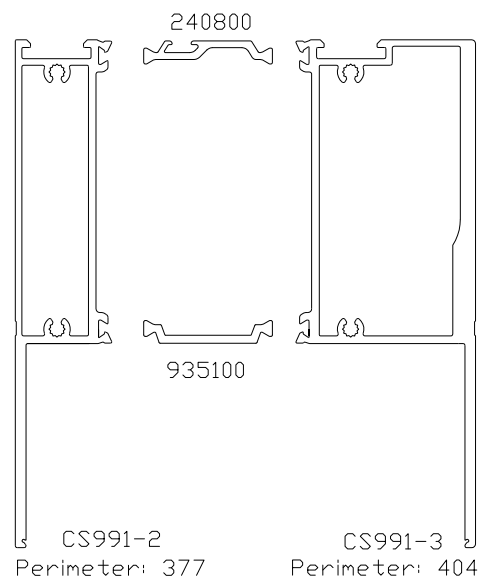
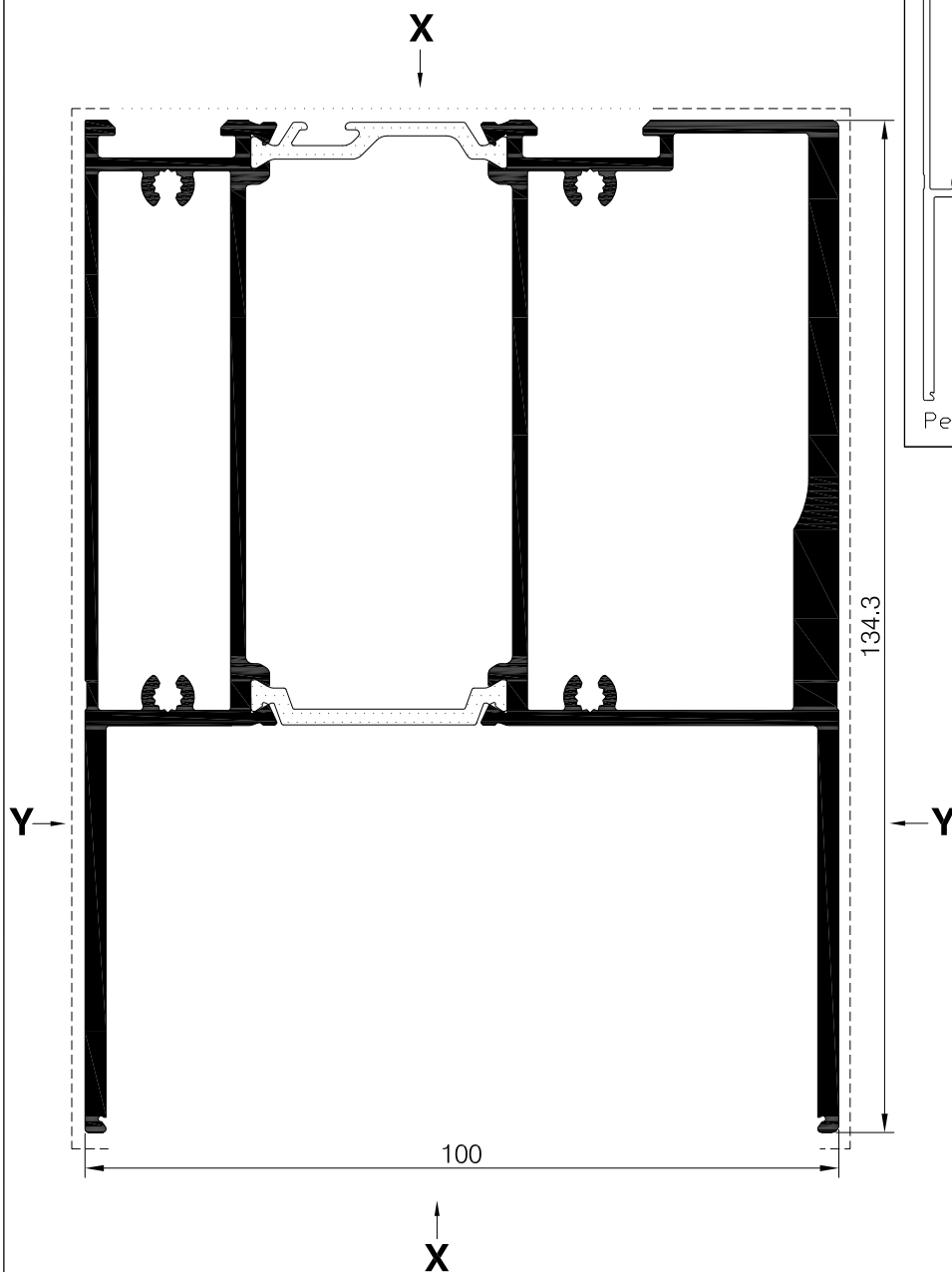


PERIPHERY = 416
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE

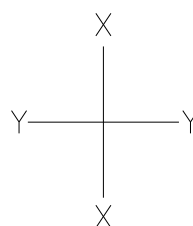


$$\begin{aligned} I_{XX} &= 137.1 \text{ cm}^4 \\ I_{YY} &= 22 \text{ cm}^4 \\ Z_{XX} &= 22.9 \text{ cm}^3 \\ Z_{YY} &= 9.6 \text{ cm}^3 \end{aligned}$$

CS991 DOOR HEADER BAR



PERIPHERY = 662
STD. LENGTH = 6450
BOX QTY. = 1
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~

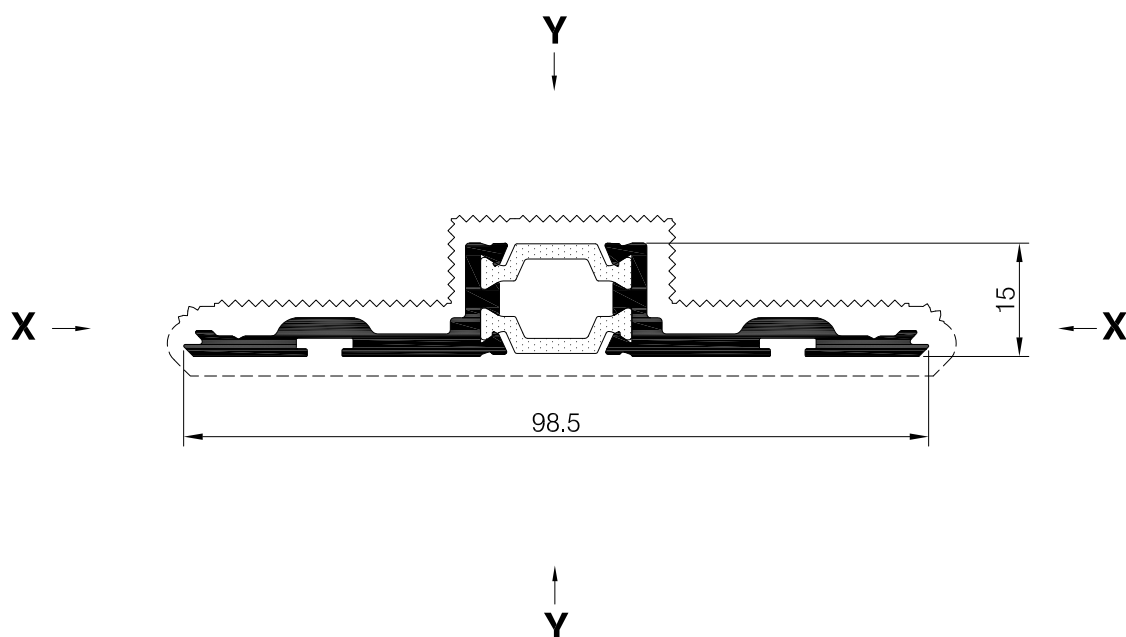
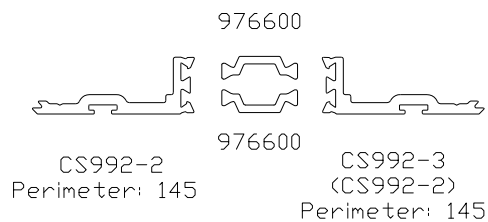


$IXX = 232.6 \text{ cm}^4$
 $IYY = 205.7 \text{ cm}^4$
 $ZXX = 42.4 \text{ cm}^3$
 $ZYY = 25.8 \text{ cm}^3$

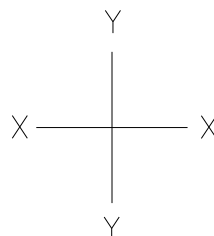


ALL DIMENSIONS IN MM

CS992 - DOOR HEAD

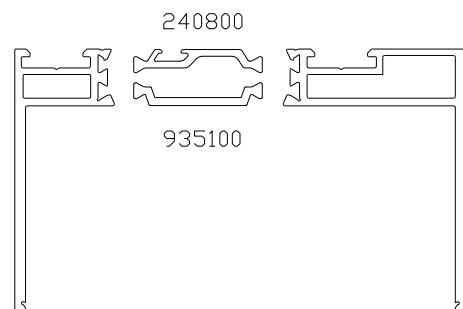


PERIPHERY = 251
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
NON-VISIBLE SURFACE ~~~~~



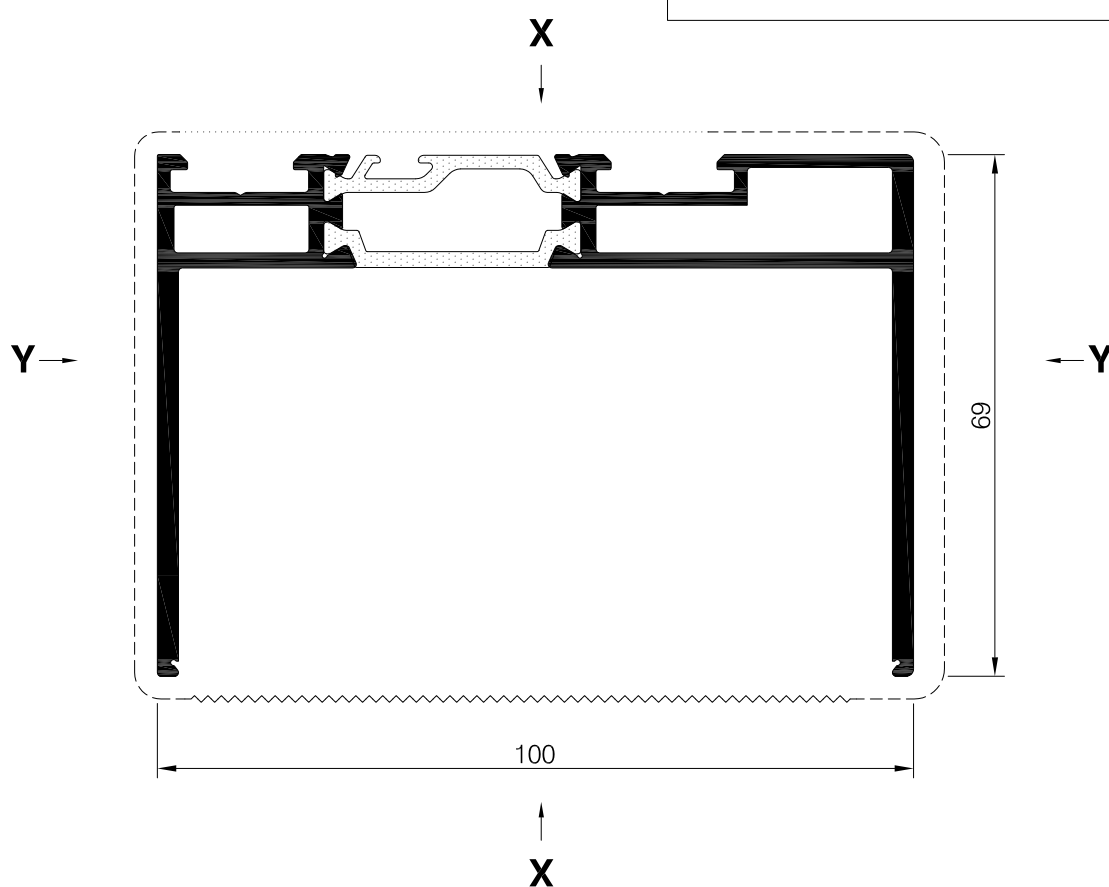
IXX	=	0.6	cm ⁴
IYY	=	24.3	cm ⁴
ZXX	=	0.6	cm ³
ZYY	=	4.9	cm ³

CS993 - HEADER BAR

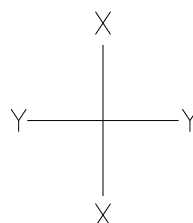


CS993-2
Perimeter: 225

CS993-3
Perimeter: 268

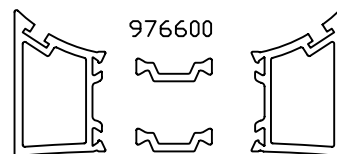


PERIPHERY = 504
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
NON-VISIBLE SURFACE ~~~~~
SECONDARY SURFACE



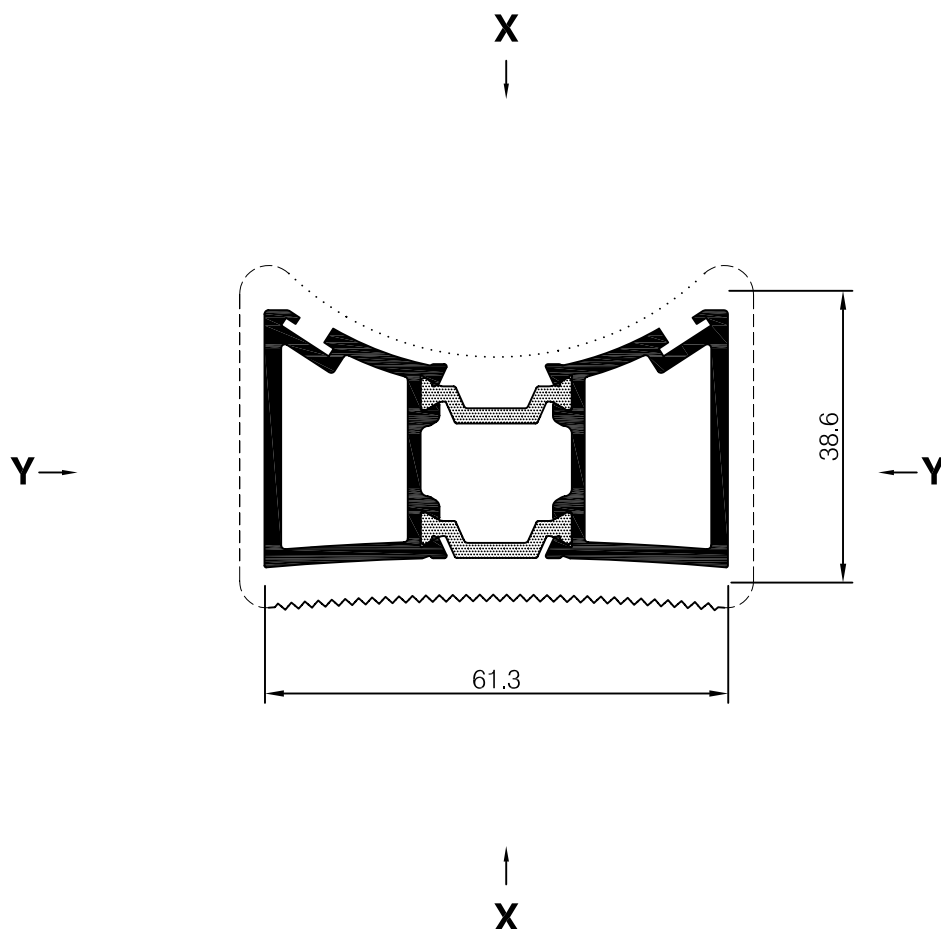
$IXX = 29.2 \text{ cm}^4$
 $IYY = 119.4 \text{ cm}^4$
 $ZXX = 23.9 \text{ cm}^3$
 $ZYY = 6.1 \text{ cm}^3$

CS994 - DOOR FINGER GUARD

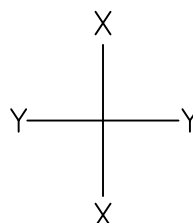


CS994-2
Perimeter: 148

CS994-3(CS994-2)
Perimeter: 148

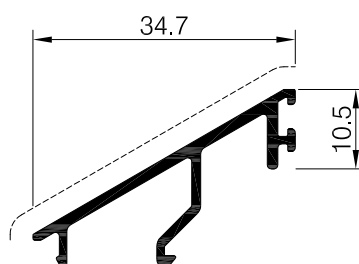


PERIPHERY = 240
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



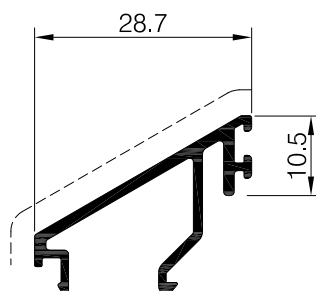
$I_{XX} = 7.1 \text{ cm}^4$
 $I_{YY} = 24.2 \text{ cm}^4$
 $Z_{XX} = 7.8 \text{ cm}^3$
 $Z_{YY} = 3.2 \text{ cm}^3$

CS995 - GLAZING BEAD 23 - 29mm



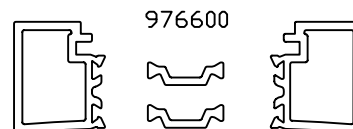
PERIPHERY = 149
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE

CS996 - GLAZING BEAD 29 - 35mm



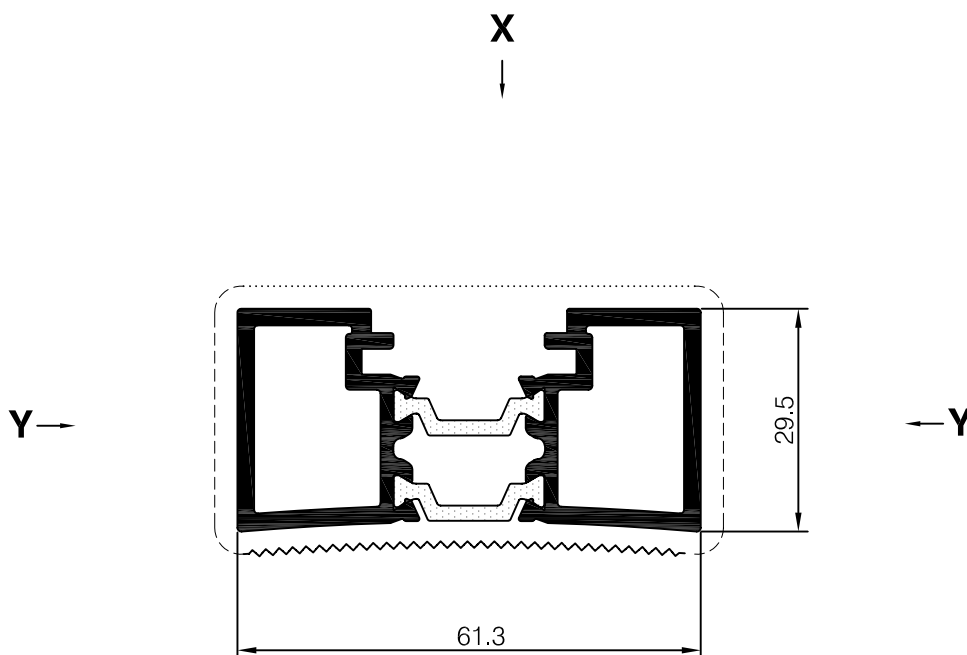
PERIPHERY = 155
STD. LENGTH = 6450
BOX QTY. = 10
VISIBLE SURFACE

CS997 - MULLION ADAPTOR

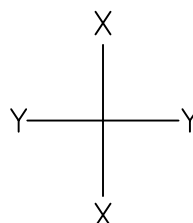


CS997-2
Perimeter: 132

CS997-3(CS997-2)
Perimeter: 132

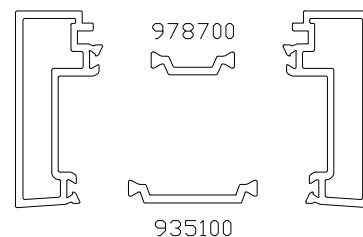


PERIPHERY = 238
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE -----
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



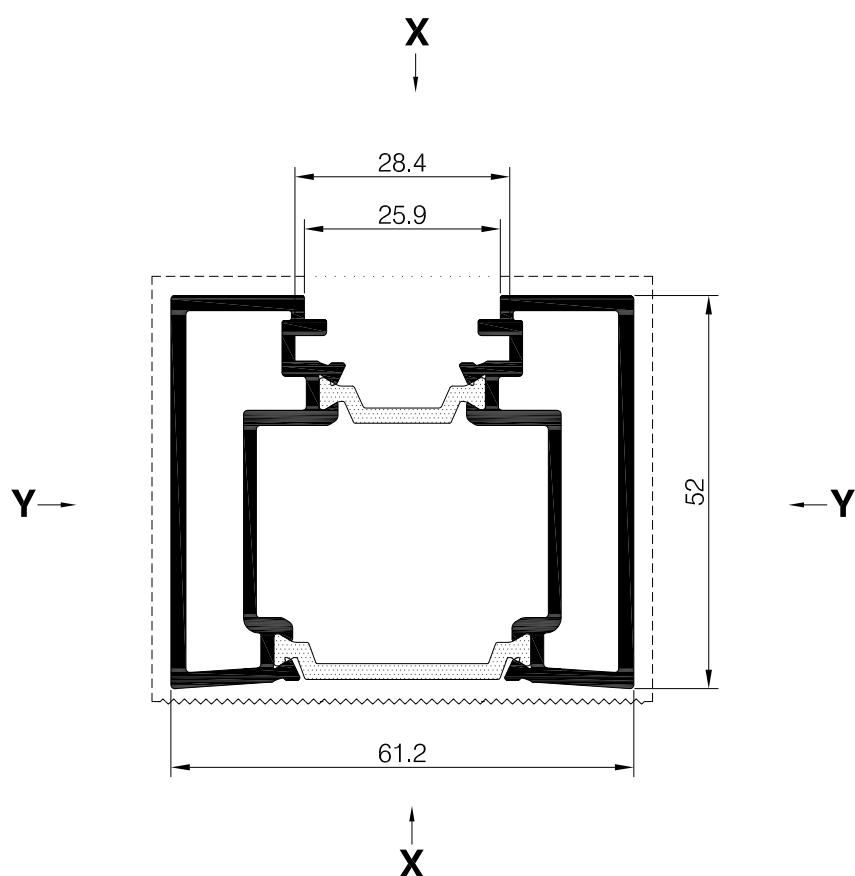
$IXX = 4.7 \text{ cm}^4$
 $IYY = 20.2 \text{ cm}^4$
 $ZXX = 6.5 \text{ cm}^3$
 $ZYY = 3.1 \text{ cm}^3$

CS998 MULLION DOOR ADAPTOR

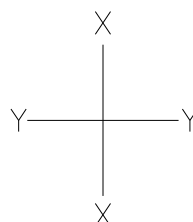


CS998-2
Perimeter: 183

CS998-3 (CS998-2)
Perimeter: 183



PERIPHERY = 284
STD. LENGTH = 6450
BOX QTY. = 2
VISIBLE SURFACE
SECONDARY SURFACE
NON-VISIBLE SURFACE ~~~~~



$I_{XX} = 31.3 \text{ cm}^4$
 $I_{YY} = 18.0 \text{ cm}^4$
 $Z_{XX} = 10.2 \text{ cm}^3$
 $Z_{YY} = 6.5 \text{ cm}^3$