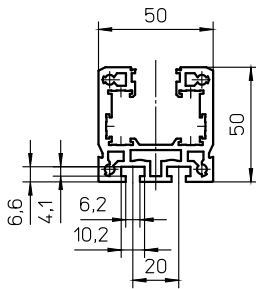


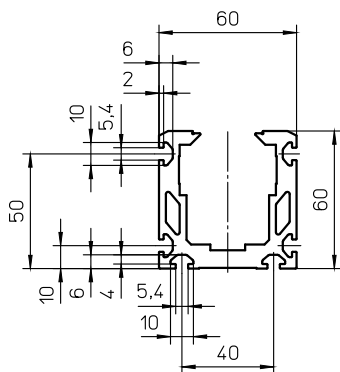
**Profile Beta 40**

Specific mass [kg/m]	1.72
Surface measure [mm <sup>2</sup> ]	636
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	88914
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	133632
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	3762
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	6678



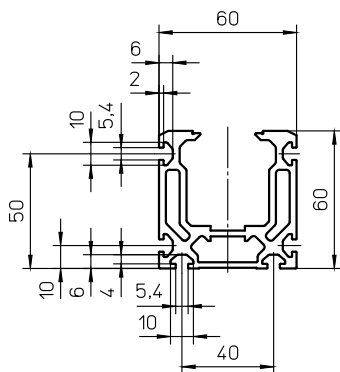
**Profile Beta 50-C**

Specific mass [kg/m]	2.45
Surface measure [mm <sup>2</sup> ]	907
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	235424
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	294804
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	8586
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	11792



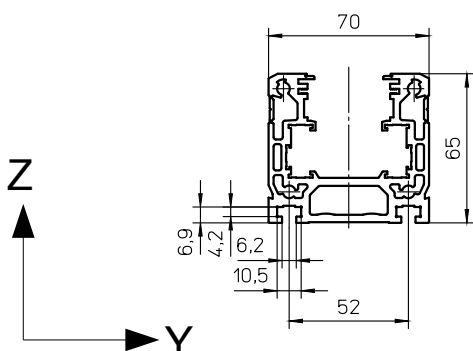
**Profile Beta 60-SGV-SSS**

Specific mass [kg/m]	3.35
Surface measure [mm <sup>2</sup> ]	1240
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	474324
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	577693
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	13698
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	19256



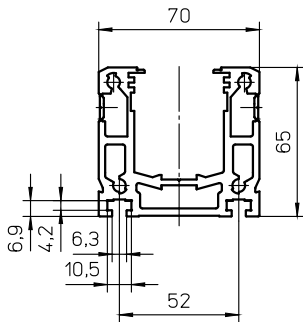
**Profile Beta 60-ZSS**

Specific mass [kg/m]	3.01
Surface measure [mm <sup>2</sup> ]	1114
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	400064
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	522090
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	11943
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	17403



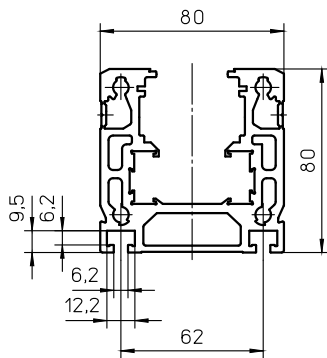
**Profile Beta 70-C-ZRS-SRS**

Specific mass [kg/m]	3.70
Surface measure [mm <sup>2</sup> ]	1370
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	583502
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	852344
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	15714
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	24348



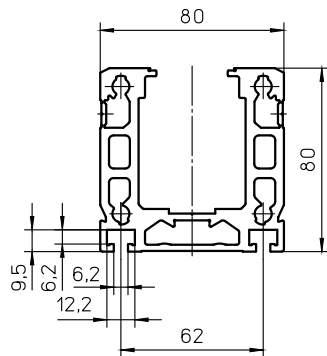
**Profile Beta 70-C-ZSS-SSS**

Specific mass [kg/m]	3.70
Surface measure [mm <sup>2</sup> ]	1370
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	563227
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	852687
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	14783
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	24360



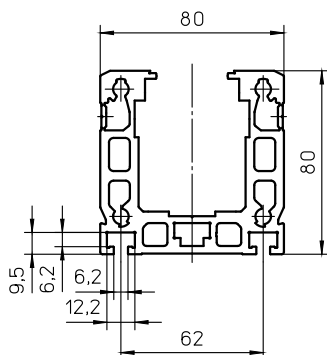
**Profile Beta 80-ZRS-SRS**

Specific mass [kg/m]	5.58
Surface measure [mm <sup>2</sup> ]	2066
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	1274608
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	1706029
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	29631
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	4615



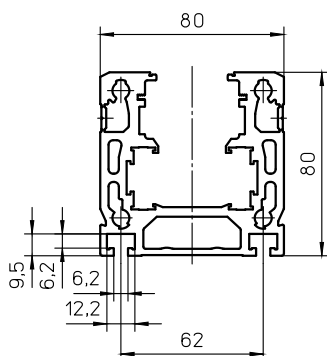
**Profile Beta 80-ZSS**

Specific mass [kg/m]	5.52
Surface measure [mm <sup>2</sup> ]	2044
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	1330612
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	1694165
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	30499
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	42354



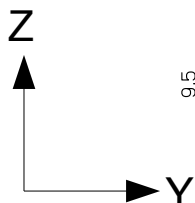
**Profile Beta 80-SGV-SSS**

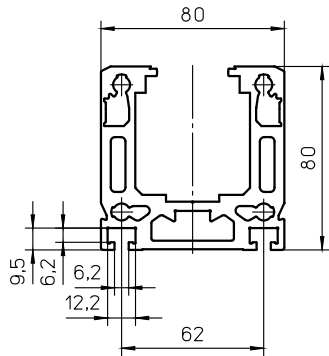
Specific mass [kg/m]	5.55
Surface measure [mm <sup>2</sup> ]	2056
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	1371407
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	1677472
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	30626
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	41937



**Profile Beta 80-C-ZRS**

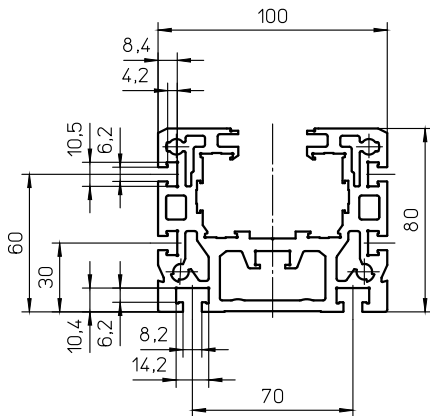
Specific mass [kg/m]	5.69
Surface measure [mm <sup>2</sup> ]	2109
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	1304382
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	1760119
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	31042
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	44002





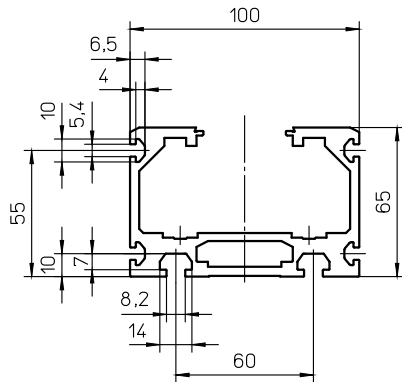
**Profile Beta 80-C-ZSS**

Specific mass [kg/m]	5.91
Surface measure [mm <sup>2</sup> ]	2190
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	1374486
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	1772461
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	30321
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	44309



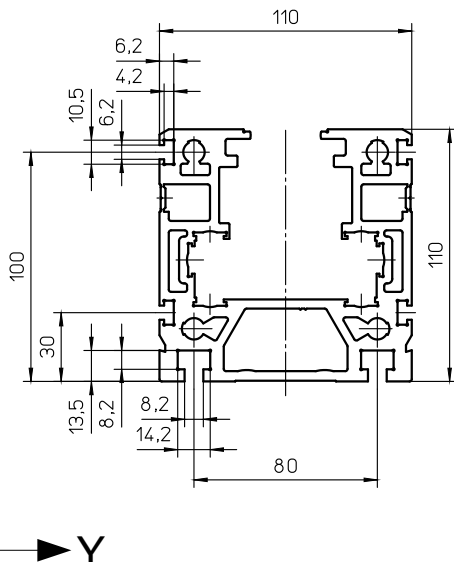
**Profile Beta 100**

Specific mass [kg/m]	8.03
Surface measure [mm <sup>2</sup> ]	2976
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	1784876
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	3588262
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	41011
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	71764



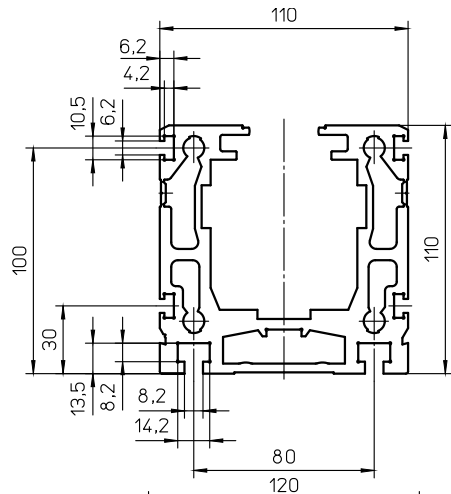
**Profile Beta 100-D**

Specific mass [kg/m]	4.87
Surface measure [mm <sup>2</sup> ]	1804
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	917778
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	2328902
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	23868
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	46578



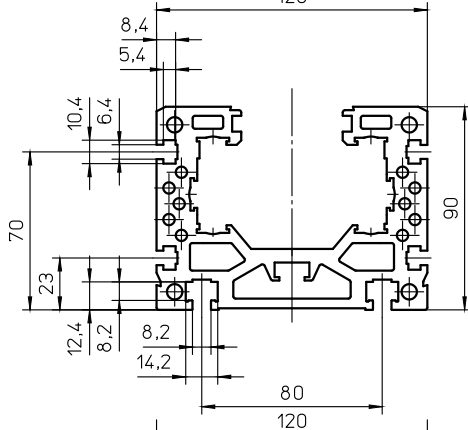
**Profile Beta 110-ZRS-SRS**

Specific mass [kg/m]	10.5
Surface measure [mm <sup>2</sup> ]	3890
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	4999522
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	6042239
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	85583
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	109849



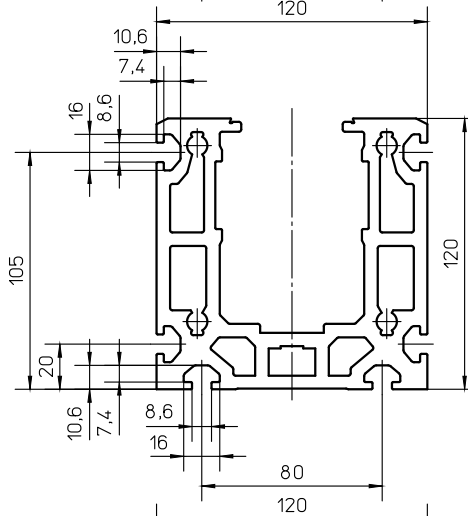
**Profile Beta 110-ZSS-SSS / 110-C-SGV**

Specific mass [kg/m]	10.65
Surface measure [mm <sup>2</sup> ]	3945
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	4940967
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	5979329
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	79570
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	108620



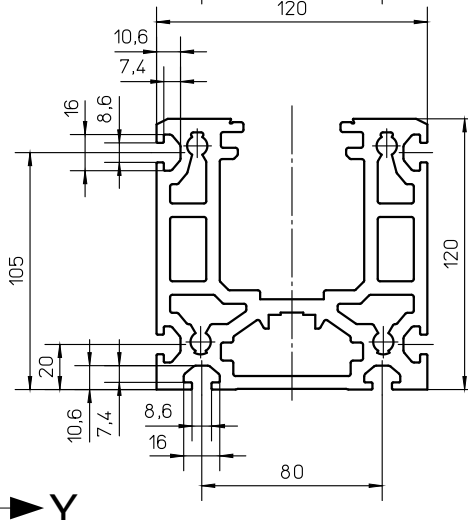
**Profile Beta 120**

Specific mass [kg/m]	10.44
Surface measure [mm <sup>2</sup> ]	3867
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	3093457
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	7081517
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	62660
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	118024



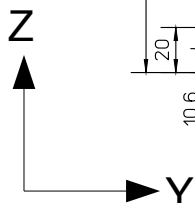
**Profile Beta 120-C-SSS**

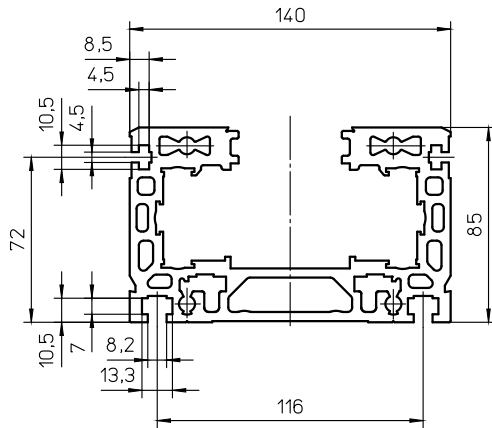
Specific mass [kg/m]	13.24
Surface measure [mm <sup>2</sup> ]	4902
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	7217779
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	8754150
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	104573
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	145902



**Profile Beta 120-C-ZSS**

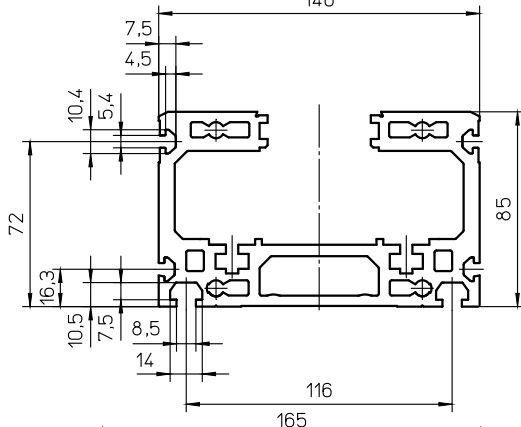
Specific mass [kg/m]	13.75
Surface measure [mm <sup>2</sup> ]	5092
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	7115871
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	8943087
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	108651
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	149051





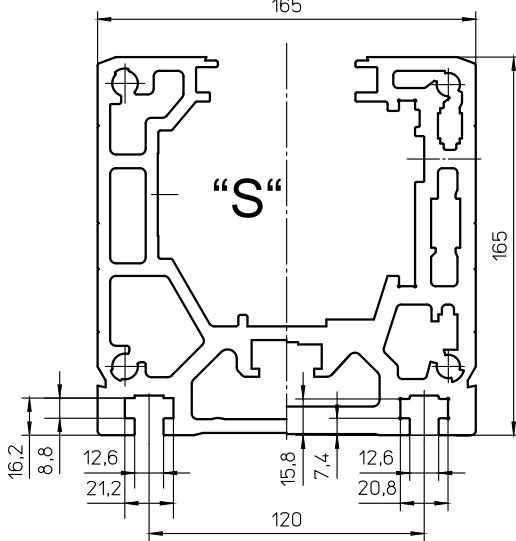
**Profile Beta 140**

Specific mass [kg/m]	10.14
Surface measure [mm <sup>2</sup> ]	3757
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	3160259
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	9121665
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	69973
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	130309



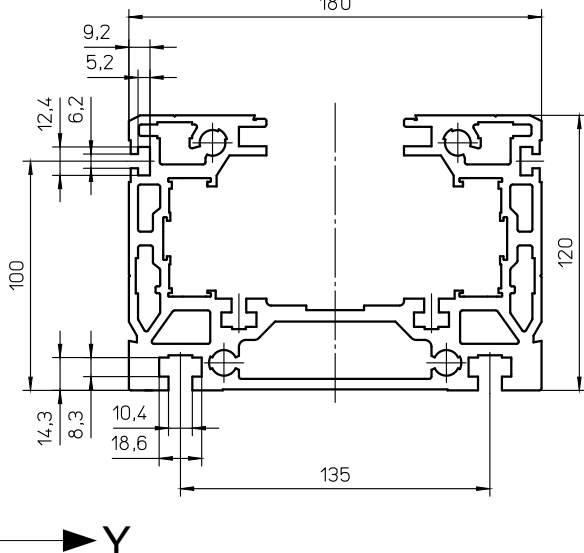
**Profile Beta 140-C**

Specific mass [kg/m]	10.1
Surface measure [mm <sup>2</sup> ]	3733
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	3117373
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	9047121
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	66782
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	129244



**Profile Beta 165 (-C)**

	"S"	
Specific mass [kg/m]	19.95	24.57
Surface measure [mm <sup>2</sup> ]	7392	9102
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	21411115	24649421
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	25986463	31365033
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	228612	259364
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	314987	380182



**Profile Beta 180 (-C)**

Specific mass [kg/m]	15.85
Surface measure [mm <sup>2</sup> ]	5870
Geometrical moment of inertia I <sub>y</sub> [mm <sup>4</sup> ]	9351064
Geometrical moment of inertia I <sub>z</sub> [mm <sup>4</sup> ]	24300412
Section modulus W <sub>y</sub> [mm <sup>3</sup> ]	137690
Section modulus W <sub>z</sub> [mm <sup>3</sup> ]	269903

