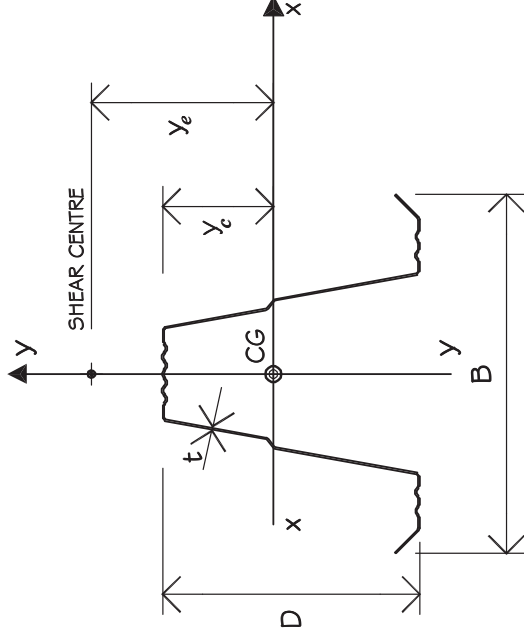


TOP NOTCH PURLIN SYSTEM SECTION PROPERTIES



Top Notch Section	Depth D (mm)	Width B (mm)	Thickness t (mm)	Area A (mm ²)	Mass per unit length (kg/m)	Second Moment of Area (Full Section)		Section Modulus (Full Section)		Radius of Gyration		Centre of Gravity yc (mm)	Shear Centre ye (mm)	Torsion Constant J (mm ⁴)	Warping Constant I _w (10 ⁶ mm ⁶)	Monosymmetry Constant β _x (mm)
						I _x (10 ⁶ mm ⁴)	I _y (10 ⁶ mm ⁴)	Z _x (10 ³ mm ³)	Z _y (10 ³ mm ³)	r _x (mm)	r _y (mm)					
60 x 0.75	60	108	0.75	150	1.24	0.077	0.122	2.57	2.26	22.6	28.5	31.5	44.2	28.2	16.0	111
60 x 0.95	60	108	0.95	191	1.56	0.097	0.155	3.23	2.87	22.6	28.5	31.5	44.2	57.3	20.3	111
100 x 0.75	100	163	0.75	248	2.04	0.340	0.450	6.80	5.52	37.0	42.6	55.2	67.4	46.5	238.6	163
100 x 0.95	100	163	0.95	314	2.56	0.430	0.570	8.60	6.99	37.0	42.6	55.2	67.4	94.5	302.2	163
120 x 0.75	120	170	0.75	278	2.28	0.530	0.546	8.83	6.42	43.7	44.3	65.6	82.3	52.1	363.3	190
120 x 0.95	120	170	0.95	352	2.86	0.671	0.691	11.18	8.13	43.6	44.3	65.6	82.3	106.0	460.2	190
150 x 0.95	150	183	0.95	411	3.34	1.166	0.920	15.55	10.05	53.3	47.3	81.0	103.9	123.5	758.4	231
150 x 1.15	150	183	1.15	497	4.02	1.411	1.114	18.81	12.17	53.3	47.3	81.0	103.9	219.1	918.0	231

Note: Mass assumes a total coated weight for the standard zinc coating of 275g/m².