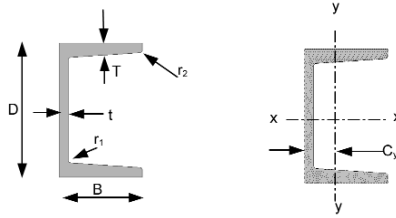


Channels



Designation Size DxBxt	Mass Per Metre	Thickness t	Thickness T	Root Radius r ₁	Toe Radius r ₂	Area of Section A	Centre of Gravity C _y	Moment of Inertia		Radius of Gyration		Elastic Modulus		Plastic Modulus	
								I _x	I _y	r _x	r _y	Z _x	Z _y	S _x	S _y
mm	kg/m	mm	mm	mm	mm	cm ²	mm	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³
75 x 40 x 5	6.9	5.0	7.0	8	4	8.82	12.7	75.9	12.4	2.93	1.19	20.2	4.5	23.6	8.9
100 x 50 x 5	9.4	5.0	7.5	8	4	11.92	15.5	189	26.9	3.98	1.50	37.8	7.8	43.5	15.3
125 x 65 x 6	13.4	6.0	8.0	8	4	17.11	19.4	425	65.5	4.99	1.96	68.0	14.4	78.3	28.5
150 x 75 x 6.5	18.6	6.5	10.0	10	5	23.71	23.1	864	122.0	6.04	2.27	115.0	23.6	131.8	46.1
150 x 75 x 9	24.0	9.0	12.5	15	7.5	30.59	23.1	160	151.0	5.87	2.22	141.0	29.1	163.2	57.5
180 x 75 x 7	21.4	7.0	10.5	11	5.5	27.20	21.5	1380	137.0	7.13	2.24	154.0	25.5	176.8	51.6
180 x 90 x 7.5	27.1	7.5	12.5	13	6.5	34.57	28.5	1840	258.0	7.29	2.73	204.0	42.0	232.3	80.9
200 x 80 x 7.5	24.6	7.5	11.0	12	6	31.33	22.4	1950	177.0	7.89	2.38	195.0	30.8	224.6	62.8
200 x 90 x 8	30.3	8.0	13.5	4	7	38.65	27.7	2490	286.0	8.03	2.72	249.0	45.9	285.0	89.7
230 x 80 x 8	28.4	8.0	12.0	13	6.5	36.12	21.5	2900	200.0	8.96	2.35	252.0	34.2	292.7	70.8
230 x 90 x 8.5	33.1	8.5	13.5	15	7.5	42.14	25.8	3490	303.0	9.10	2.68	304.0	47.3	348.9	95.6
250 x 80 x 8	30.2	8.0	12.5	14	7	38.51	21.1	3630	210.0	9.71	2.34	291.0	35.7	337.1	74.8
250 x 90 x 9	34.6	9.0	13.0	14	7	44.07	24.2	4180	306.0	9.74	2.64	335.0	46.5	388.2	97.3
250 x 90 x 11	40.2	11.0	14.5	17	8.5	51.2	23.9	4690	342.0	9.57	2.58	375.0	51.7	439.4	109.3
280 x 100 x 9	38.8	9.0	13.0	14	7	49.37	26.4	5930	428.0	11.00	2.95	423.0	58.2	489.8	121.6
280 x 100 x 12	48.2	11.5	16.0	18	9	61.37	26.8	7150	515.0	10.80	2.90	510.0	70.4	596.2	147.7
300 x 90 x 9	38.1	9.0	12.0	14	7	48.6	22.3	6440	325.0	11.50	2.59	429.0	48.0	480.0	98.8
300 x 90 x 10	43.8	10.0	15.5	19	9.5	55.74	23.3	7400	373.0	11.50	2.59	494.0	56.0	574.9	118.9
380 x 100 x 11	54.5	10.5	16.0	18	9	69.4	24.1	14500	557.0	14.50	2.83	762.0	73.3	895.8	159.9
380 x 100 x 13	62.0	13.0	16.5	18	9	79.0	22.9	15600	584.0	14.10	2.72	822.0	75.8	986.2	169.7