



Designation		Mass per metre	Area of section	Moment of inertia	Radius of gyration	Elastic modulus	Plastic modulus	Torsional constants	
Size D x D	Thickness t							J	C
mm	mm	kg	cm ²	cm ⁴	cm	cm ³	cm ³	cm ⁴	cm ³
140 x 140	5.0	21.0	26.7	807	5.50	115	135	1253	170
	6.3	26.1	33.3	984	5.44	141	166	1540	206
	8.0	32.6	41.6	1195	5.36	171	204	1892	249
	10.0	40.0	50.9	1416	5.27	202	246	2272	294
	12.5	48.7	62.1	1653	5.16	236	293	2696	342
150 x 150	5.0	22.6	28.7	1002	5.90	134	156	1550	197
	6.3	28.1	35.8	1223	5.85	163	192	1909	240
	8.0	35.1	44.8	1491	5.77	199	237	2351	291
	10.0	43.1	54.9	1773	5.68	236	286	2832	344
	12.5	52.7	67.1	2080	5.57	277	342	3375	402
16.0	65.2	83.0	2430	5.41	324	411	4026	467	
160 x 160	5.0	24.1	30.7	1225	6.31	153	178	1892	226
	6.3	30.1	38.3	1499	6.26	187	220	2333	275
	8.0	37.6	48.0	1831	6.18	229	272	2880	335
	10.0	46.3	58.9	2186	6.09	273	329	3478	398
	12.5	56.6	72.1	2576	5.98	322	395	4158	467
180 x 180	6.3	34.0	43.3	2168	7.07	241	281	3361	355
	8.0	42.7	54.4	2661	7.00	296	349	4162	434
	10.0	52.5	66.9	3193	6.91	355	424	5048	518
	12.5	64.4	82.1	3790	6.80	421	511	6070	613
	16.0	80.2	102.0	4504	6.64	500	621	7343	724
200 x 200	5.0	30.4	38.7	2445	7.95	245	283	3756	362
	6.3	38.0	48.4	3011	7.89	301	350	4653	444
	8.0	47.7	60.8	3709	7.81	371	436	5778	545
	10.0	58.8	74.9	4471	7.72	447	531	7031	655
	12.5	72.3	92.1	5336	7.61	534	643	8491	778
16.0	90.3	115.0	6394	7.46	639	785	10340	927	
250 x 250	6.3	47.9	61.0	6014	9.93	481	556	9238	712
	8.0	60.3	76.8	7455	9.86	596	694	11525	880
	10.0	74.5	94.9	9055	9.77	724	851	14106	1065
	12.5	91.9	117.0	10915	9.66	873	1037	17164	1279
	16.0	115.0	147.0	13267	9.50	1061	1280	21138	1546
300 x 300	6.3	57.8	73.6	10547	12.00	703	809	16136	1043
	8.0	72.8	92.8	13128	11.90	875	1013	20194	1294
	10.0	90.2	115.0	16026	11.80	1068	1246	24807	1575
	12.5	112.0	142.0	19442	11.70	1296	1525	30333	1904
	16.0	141.0	179.0	23850	11.50	1590	1895	37622	2325
350 x 350	8.0	85.4	109.0	21129	13.90	1207	1392	32384	1789
	10.0	106.0	135.0	25884	13.90	1479	1715	39886	2185
	12.5	131.0	167.0	31541	13.70	1802	2107	48934	2654
	16.0	166.0	211.0	38942	13.60	2225	2630	60990	3264
	400 x 400	10.0	122.0	155.0	39128	15.90	1956	2260	60092
12.5		151.0	192.0	47839	15.80	2392	2782	73906	3530
16.0		191.0	243.0	59344	15.60	2967	3484	92442	4362
20.0		235.0	300.0	71535	15.40	3577	4247	112489	5237