



Koko	Paksuus	Paino	Poikki-pinta-ala	Jäyhyys-momentti	Jäyhyys-säde	Taivutus-vastus	Plastinen Taivutus-vastus	Vääntöjäyhyys-momentti	Ulko-puolinen pinta-ala	Noin pituus/ tonni	
Size	Thick-ness	Mass	Sectional area	Moment of inertia	Radius of gyration	Elastic modulus	Plastic modulus	Torsional constants	Super-ficial area/m	Appr. length/ tonne	
B x B	T	M	A	I	i	W _{el}	W _{pl}	I _t	C _t	A _s	
mm	mm	kg/m	cm ²	cm ⁴	cm	cm ³	cm ³	cm ⁴	cm ³	m ² /m	m
25 x 25	2.0	1.36	1.74	1.48	0.924	1.19	1.47	2.53	1.80	0.093	733
	2.5	1.64	2.09	1.69	0.899	1.35	1.71	2.97	2.07	0.091	610
	3.0	1.89	2.41	1.84	0.874	1.47	1.91	3.33	2.27	0.090	529
30 x 30	2.0	1.68	2.14	2.72	1.13	1.81	2.21	4.54	2.75	0.113	596
	2.5	2.03	2.59	3.16	1.10	2.10	2.61	5.40	3.20	0.111	492
	3.0	2.36	3.01	3.50	1.08	2.34	2.96	6.15	3.58	0.110	423
40 x 40	2.0	2.31	2.94	6.94	1.54	3.47	4.13	11.3	5.23	0.153	434
	2.5	2.82	3.59	8.22	1.51	4.11	4.97	13.6	6.21	0.151	355
	3.0	3.30	4.21	9.32	1.49	4.66	5.72	15.8	7.07	0.150	303
	4.0	4.20	5.35	11.1	1.44	5.54	7.01	19.4	8.48	0.146	238
50 x 50	2.0	2.93	3.74	14.1	1.95	5.66	6.66	22.6	8.51	0.193	341
	2.5	3.60	4.59	16.9	1.92	6.78	8.07	27.5	10.2	0.191	278
	3.0	4.25	5.41	19.5	1.90	7.79	9.39	32.1	11.8	0.190	236
	4.0	5.45	6.95	23.7	1.85	9.49	11.7	40.4	14.4	0.186	183
	5.0	6.56	8.36	27.0	1.80	10.8	13.7	47.5	16.6	0.183	152
60 x 60	3.0	5.19	6.61	35.1	2.31	11.7	14.0	57.1	17.7	0.230	193
	4.0	6.71	8.55	43.6	2.26	14.5	17.6	72.6	22.0	0.226	149
	5.0	8.13	10.4	50.5	2.21	16.8	20.9	86.4	25.6	0.223	123
70 x 70	2.5	5.17	6.59	49.4	2.74	14.1	16.5	78.5	21.2	0.271	193
	3.0	6.13	7.81	57.5	2.71	16.4	19.4	92.4	24.7	0.270	163
	3.5	7.06	8.99	65.1	2.69	18.6	22.2	106	28.0	0.268	142
	4.0	7.97	10.1	72.1	2.67	20.6	24.8	119	31.1	0.266	126
	5.0	9.70	12.4	84.6	2.62	24.2	29.6	142	36.7	0.263	103
80 x 80	3.0	7.07	9.0	87.8	3.12	22.0	25.8	140	33.0	0.310	141
	3.5	8.16	10.4	99.8	3.10	25.0	29.5	161	37.6	0.308	123
	4.0	9.22	11.7	111	3.07	27.8	33.1	180	41.8	0.306	108
	5.0	11.3	14.4	131	3.03	32.9	39.7	218	49.7	0.303	88.7
	6.0	13.2	16.8	149	2.98	37.3	45.8	252	56.6	0.299	75.7
90 x 90	3.0	8.01	10.2	127	3.53	28.3	33.0	201	42.5	0.350	125
	3.5	9.26	11.8	145	3.51	32.2	37.9	232	48.5	0.348	108
	4.0	10.5	13.3	162	3.48	36.0	42.6	261	54.2	0.346	95.4
	5.0	12.8	16.4	193	3.43	42.9	51.4	316	64.7	0.343	77.9
	6.0	15.1	19.2	220	3.39	49.0	59.5	368	74.2	0.339	66.2
100 x 100	3.0	8.96	11.4	177	3.94	35.4	41.2	279	53.2	0.390	112
	4.0	11.7	14.9	226	3.89	45.3	53.3	362	68.1	0.386	85.2
	5.0	14.4	18.4	271	3.84	54.2	64.6	441	81.7	0.383	69.4
	6.0	17.0	21.6	311	3.79	62.3	75.1	514	94.1	0.379	58.9
	8.0	21.4	27.2	366	3.67	73.2	91.1	645	114	0.366	46.8
120 x 120	4.0	14.2	18.1	402	4.71	67.0	78.3	637	101	0.466	70.2
	5.0	17.5	22.4	485	4.66	80.9	95.4	778	122	0.463	57.0
	6.0	20.7	26.4	562	4.61	93.7	112	913	141	0.459	48.2
	8.0	26.4	33.6	677	4.49	113	138	1163	175	0.446	37.9
	10.0	31.8	40.6	777	4.38	129	162	1376	203	0.437	31.4
140 x 140	4.0	16.8	21.3	652	5.52	93.1	108	1023	140	0.546	59.7
	5.0	20.7	26.4	791	5.48	113	132	1256	170	0.543	48.3
	6.0	24.5	31.2	920	5.43	131	155	1479	198	0.539	40.8
	8.0	31.4	40.0	1127	5.30	161	194	1901	248	0.526	31.8
	10.0	38.1	48.6	1312	5.20	187	230	2274	291	0.517	26.2
150 x 150	4.0	18.0	22.9	808	5.93	108	125	1265	162	0.586	55.5
	5.0	22.3	28.4	982	5.89	131	153	1554	197	0.583	44.9
	6.0	26.4	33.6	1146	5.84	153	180	1833	230	0.579	37.9
	8.0	33.9	43.2	1412	5.71	188	226	2364	289	0.566	29.5
	10.0	41.3	52.6	1653	5.61	220	269	2839	341	0.557	24.2
160 x 160	4.0	19.3	24.5	987	6.34	123	143	1541	185	0.626	51.9
	5.0	23.8	30.4	1202	6.29	150	175	1896	226	0.623	42.0
	6.0	28.3	36.0	1405	6.25	176	206	2239	264	0.619	35.4
	8.0	36.5	46.4	1741	6.12	218	260	2897	334	0.606	27.4
	10.0	44.4	56.6	2048	6.02	256	311	3490	395	0.597	22.5
180 x 180	5.0	27.0	34.4	1737	7.11	193	224	2724	290	0.703	37.1
	6.0	32.1	40.8	2037	7.06	226	264	3223	340	0.699	31.2
	8.0	41.5	52.8	2546	6.94	283	336	4189	432	0.686	24.1
	10.0	50.7	64.6	3017	6.84	335	404	5074	515	0.677	19.7
	12.0	58.5	74.5	3322	6.68	369	454	5865	584	0.658	17.1

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Size	Thick-ness	Mass	Sectional area	Moment of inertia	Radius of gyration	Elastic modulus	Plastic modulus	Torsional constants		Super-ficial area/m	Appr. length/tonne
B x B	T	M	A	I	i	W _{el}	W _{pl}	I _t	C _t	A _s	
mm	mm	kg/m	cm ²	cm ⁴	cm	cm ³	cm ³	cm ⁴	cm ³	m ² /m	m
200 x 200	12.5	60.5	77.0	3406	6.65	378	467	6050	600	0.656	16.5
	5.0	30.1	38.4	2410	7.93	241	279	3763	362	0.783	33.2
	6.0	35.8	45.6	2833	7.88	283	330	4459	426	0.779	27.9
	8.0	46.5	59.2	3566	7.76	357	421	5815	544	0.766	21.5
	10.0	57.0	72.6	4251	7.65	425	508	7072	651	0.757	17.6
	12.0	66.0	84.1	4730	7.50	473	576	8230	743	0.738	15.2
250 x 250	12.5	68.3	87.0	4859	7.47	486	594	8502	765	0.736	14.6
	6.0	45.2	57.6	5672	9.92	454	524	8843	681	0.979	22.1
	8.0	59.1	75.2	7229	9.80	578	676	11598	878	0.966	16.9
	10.0	72.7	92.6	8707	9.70	697	822	14197	1062	0.957	13.8
	12.0	84.8	108	9859	9.55	789	944	16691	1226	0.938	11.8
300 x 300	12.5	88.0	112	10161	9.52	813	975	17283	1266	0.936	11.4
	8.0	71.6	91.2	12801	11.8	853	991	20312	1293	1.170	14.0
	10.0	88.4	113	15519	11.7	1035	1211	24966	1572	1.160	11.3
	12.0	104	132	17767	11.6	1184	1402	29514	1829	1.138	9.65
	12.5	108	137	18348	11.6	1223	1451	30601	1892	1.140	9.30