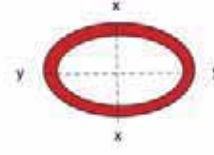
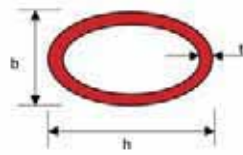


Ellipcon



Designation Size	Thickness	Mass Per Metre	Area Of Section	Second Moment Of Inertia		Radius Of Gyration		Elastic Modulus		Plastic Modulus		Torsional Constant		Surface Area Per Metre
h x b	t	A	I _x	I _y	r _x	r _y	Z _x	Z _y	S _x	S _y	J	C		
mm	mm	kg/m	cm ²	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³	cm ⁴	cm ³	m ² /m
117x60	3.2	6.92	8.58	116	40.5	3.67	2.17	19.8	13.5	27.6	17.2	120	30.0	0.298
	4	8.57	10.6	141	48.8	3.65	2.14	24.1	16.3	33.9	21.1	145	36.0	0.298
	5	10.60	13.1	171	58.4	3.61	2.11	29.2	19.5	41.5	25.6	175	42.7	0.298
	6	12.60	15.6	199	67.1	3.58	2.08	34.0	22.4	48.7	29.9	201	48.7	0.298
	8	16.40	20.2	249	81.8	3.51	2.01	42.6	27.3	62.1	37.6	248	58.8	0.298
149x70	4	10.80	13.3	284	85.9	4.62	2.55	38.1	24.5	53.6	31.3	264	55.3	0.367
	5	13.30	16.4	346	103	4.59	2.51	46.4	29.6	65.8	38.3	319	66.2	0.367
	6	15.90	19.5	405	120	4.55	2.48	54.3	34.2	77.6	44.9	370	76.1	0.367
	8	20.80	25.5	513	148	4.48	2.41	68.9	42.3	99.8	57.0	461	93.2	0.367
	10	25.50	31.3	610	172	4.42	2.34	81.8	49.1	120	67.9	539	107	0.367
178x90	6	19.50	24.1	740	250	5.54	3.22	83.2	55.6	117	72.0	749	123	0.451
	8	25.60	31.7	947	315	5.47	3.15	106	69.9	152	92.4	947	154	0.451
	10	31.50	39.0	1136	371	5.40	3.09	128	82.4	184	111	1123	179	0.451
220x106	6	24.00	29.6	1388	438	6.85	3.85	126	82.7	177	106	1334	185	0.546
	8	31.60	39.0	1790	556	6.78	3.78	163	105	231	137	1701	234	0.546
	10	39.00	48.1	2163	662	6.71	3.71	197	125	282	165	2033	276	0.546
248x109	6	26.60	32.5	1903	519	7.65	4.00	153	95.3	217	121	1635	217	0.596
	8	35.00	42.9	2461	661	7.58	3.93	198	121	283	157	2088	274	0.596
	10	43.30	52.9	2983	788	7.51	3.86	241	145	346	190	2501	324	0.596
	12	51.40	62.8	3472	901	7.44	3.79	280	165	406	221	2874	369	0.596
320x160	8	47.10	58.3	5877	1978	10.0	5.82	367	247	513	315	5928	553	0.807
	10	58.40	72.3	7181	2393	9.97	5.75	449	299	631	385	7192	665	0.807
	12	69.60	86.0	8422	2779	9.90	5.69	526	347	745	453	8375	769	0.807
	14	80.50	99.4	9604	3137	9.83	5.62	600	392	855	517	9483	863	0.807
400x200	8	59.30	73.4	11690	3966	12.6	7.35	584	397	811	500	11860	890	1.01
	10	73.60	91.1	14350	4829	12.5	7.28	717	483	1001	615	14470	1079	1.01
	12	87.80	109	16910	5646	12.5	7.21	845	565	1186	726	16960	1257	1.01
	14	102.00	126	19370	6416	12.4	7.14	968	642	1366	832	19320	1422	1.01
480x240	10	88.90	110	25170	8529	15.1	8.81	1049	711	1457	897	25510	1594	1.21
	12	106.00	131	29750	10014	15.1	8.74	1240	835	1730	1062	30010	1865	1.21
	14	123.00	152	34190	11432	15.0	8.67	1425	953	1997	1222	34320	2122	1.21

Semi Ellipcon



Designation Size	Thickness	Mass Per Metre	Area Of Section	Second Moment Of Inertia		Radius Of Gyration		Elastic Modulus		Plastic Modulus		Torsional Constant		Surface Area Per Metre
h x b	t	A	I_x	I_y	r_x	r_y	Z_x	Z_y	S_x	S_y	J	C		
mm	mm	kg/m	cm ²	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³	cm ⁴	cm ³	m ² /m
60x60	3.5	5.15	6.56	29.9	26.9	2.14	2.03	8.57	8.97	12.9	12.0	48.5	15.9	39.0
	4	5.82	7.41	33.2	30.0	2.12	2.01	9.56	9.99	14.1	13.5	54.5	17.7	34.4
	5	7.12	9.07	39.2	35.5	2.08	1.98	11.4	11.8	16.2	16.2	65.7	20.8	28.0
	6	8.35	10.6	44.3	40.3	2.04	1.95	13.0	13.4	17.9	18.7	75.9	23.5	23.7
75x75	4	7.40	9.43	68.0	61.1	2.69	2.54	15.5	16.3	23.6	21.7	109	29.0	34.0
	5	9.09	11.6	81.1	73.1	2.65	2.51	18.7	19.5	27.6	26.3	133	34.5	27.5
	6	10.70	13.7	92.9	84.1	2.61	2.48	21.6	22.4	31.0	30.6	155	39.4	23.2
	8	13.80	17.6	113	103	2.53	2.42	26.6	27.4	35.9	38.3	195	47.7	17.9
90x90	4	8.98	11.4	121	109	3.25	3.08	22.9	24.1	35.4	31.9	193	43.1	33.7
	5	11.10	14.1	146	131	3.21	3.05	27.8	29.1	42.0	38.8	235	51.8	27.2
	6	13.10	16.7	168	152	3.18	3.02	32.3	33.7	47.7	45.4	276	59.6	22.9
	8	17.00	21.6	207	188	3.10	2.95	40.4	41.8	56.8	57.5	350	73.3	17.6
110x110	4	11.10	14.1	227	203	4.01	3.79	35.0	36.9	54.9	48.4	358	66.4	33.5
	5	13.70	17.5	275	247	3.97	3.76	42.7	44.9	65.8	59.3	439	80.3	27.0
	6	16.30	20.7	320	288	3.93	3.73	49.9	52.3	75.7	69.8	517	93.1	22.7
	8	21.20	27.0	401	362	3.86	3.66	63.2	65.8	92.2	89.2	663	116	17.3
125x125	5	15.70	20.0	412	369	4.54	4.30	55.9	59.0	87.2	77.6	651	106	26.9
	6	18.60	23.0	481	431	4.50	4.26	65.6	69.0	101	91.4	769	123	22.5
	8	24.30	31.0	607	546	4.42	4.20	83.6	87.4	124	118	991	155	17.2
	10	29.80	38.0	717	649	4.35	4.13	99.9	104	143	142	1197	183	13.9
160x160	5	20.30	25.8	890	794	5.87	5.54	93.9	99.3	149	130	1390	179	26.7
	6	24.20	30.8	1045	935	5.83	5.51	111	117	173	153	1647	210	22.3
	8	31.70	40.4	1335	1198	5.75	5.45	143	150	218	199	2140	267	16.9
	10	39.00	49.7	1598	1439	5.67	5.38	172	180	257	242	2606	319	13.7
180x180	6	27.30	34.8	1509	1348	6.59	6.22	142	150	224	196	2365	270	22.3
	8	35.90	45.8	1938	1736	6.51	6.16	183	193	283	255	3083	345	16.9
	10	44.30	56.4	2331	2095	6.43	6.09	222	233	336	311	3765	414	13.6
	12	52.40	66.7	2692	2427	6.35	6.03	258	270	382	363	4413	477	11.5
203x223	6	32.60	41.5	2354	2448	7.53	7.68	196	220	299	287	3981	385	22.0
	8	42.90	54.7	3037	3170	7.45	7.61	254	284	379	375	5220	497	16.7
	10	53.00	67.5	3671	3849	7.37	7.55	310	345	449	459	6413	600	13.4
	12	62.80	80.0	4258	4484	7.29	7.48	362	402	511	539	7559	697	11.3
225x259	6	37.20	47.4	3359	3759	8.41	8.90	251	290	383	380	5845	502	21.9
	8	49.10	62.6	4350	4888	8.34	8.84	327	377	487	497	7683	650	16.6
	10	60.80	77.4	5279	5957	8.26	8.77	400	460	582	611	9462	789	13.4
	12	72.10	91.9	6148	6968	8.18	8.71	469	538	666	719	11180	919	11.2