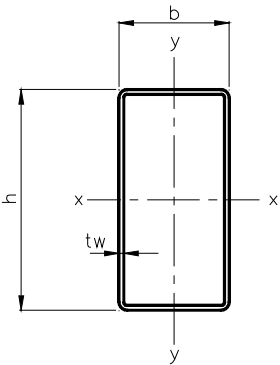


Rectangular hollow sections



hxbxt	r1	m	A	Ix	Zx	rx	Iy	Zy	ry	J	Zplx	Zply
mmxmmxmm	mm	kg/m	10³ mm²	10⁶ mm⁴	10³ mm³	mm	10⁶ mm⁴	10³ mm³	mm	10⁶ mm⁴	10³ mm³	10³ mm³
19.1x12.7x1.6		0.65	.082	.0034	0.36							
25.4x12.7x1.2		0.63	.080	.0061	0.48							
25.4x12.7x1.6		0.81	.102	.0072	0.57							
31.75x15.87x1.2		0.81	.103	.0126	0.79							
31.75x15.87x1.6		1.05	.133	.0154	0.97							
31.75x15.87x2.0		1.26	.160	.0176	1.11							
31.7x19.05x1.2		0.87	.111	.0143	0.90							
31.7x19.05x1.6		1.13	.143	.0177	1.11							
31.7x19.05x2.0		1.36	.172	.0204	1.28							
38.1x19.05x1.2		1.00	.126	.0227	1.19							
38.1x19.05x1.6		1.29	.163	.0282	1.48							
38.1x19.05x2.0		1.56	.198	.0328	1.72							
38.1x25.4x1.2		1.12	.141	.0279	1.46							
38.1x25.4x1.6		1.45	.184	.0350	1.84							
38.1x25.4x2.0		1.76	.223	.0411	2.16							
40x30x1.2		1.24	.157	.0356	1.78							
40x30x1.6		1.61	.204	.0449	2.25							
40x30x2.0		1.97	.249	.0531	2.65							
50.8x25.4x1.2		1.36	.172	.0566	2.23							
50.8x25.4x1.6		1.77	.224	.0717	2.82							
50.8x25.4x2.0		2.16	.274	.0851	3.35							
50x38x2.5		3.09	.394	.132	5.29	18.3	.086	4.55	14.8	.177	6.51	5.40
50x38x3.0		3.62	.461	.150	6.00	18.0	.098	5.15	14.6	.205	7.50	6.21
60x30x2.5		3.17	.404	.175	5.82	20.8	.059	3.92	12.1	.152	7.46	4.59
60x30x3.0		3.71	.473	.198	6.60	20.5	.066	4.42	11.8	.174	8.59	5.27
60x40x2.5		3.56	.454	.216	7.20	21.8	.115	5.76	15.9	.252	8.89	6.73
60x40x3.0		4.18	.533	.247	8.23	21.5	.131	6.56	15.7	.293	10.3	7.79
76x38x2.5		4.11	.524	.375	9.88	26.8	.127	6.71	15.6	.321	12.5	7.71
76x38x3.0		4.84	.617	.432	11.4	26.5	.146	7.67	15.4	.374	14.5	8.94
76x38x3.5		5.55	.707	.482	12.7	26.1	.162	8.52	15.1	.422	16.4	10.1
80x40x2.5		4.35	.554	.442	11.1	28.3	.150	7.52	16.5	.377	13.9	8.61
80x40x3.0		5.13	.653	.510	12.8	27.9	.172	8.62	16.2	.440	16.2	10.0
80x40x3.5		5.88	.749	.571	14.3	27.6	.192	9.60	16.0	.498	18.4	11.3
80x40x4.0		6.60	.841	.626	15.6	27.3	.209	10.5	15.8	.551	20.4	12.5

hxbxt	r1	m	A	lx	Zx	rx	ly	Zy	ry	J	Zpx	Zpy
mmxmmxmm	mm	kg/m	10 ³ mm ²	10 ³ mm ²	10 ³ mm ³	mm	10 ³ mm ⁴	10 ³ mm ³	mm	10 ³ mm ⁴	10 ³ mm ³	10 ³ mm ³
100x50x3.0		6.54	.833	1.05	20.9	35.4	.356	14.2	20.7	.889	26.3	16.2
100x50x3.5		7.53	.959	1.18	23.6	35.1	.400	16.0	20.4	1.01	29.9	18.5
100x50x4.0		8.49	1.08	1.31	26.1	34.8	.441	17.6	20.2	1.13	33.4	20.6
100x50x5.0		10.3	1.31	1.53	30.6	34.1	.511	20.4	19.7	1.35	39.8	24.4
120x60x3.5		9.18	1.17	2.12	35.3	42.6	.721	24.0	24.8	1.80	44.3	27.4
120x60x4.5		11.5	1.47	2.58	43.0	41.9	.873	29.1	24.4	2.23	54.8	33.8
120x60x6.0		14.9	1.89	3.17	52.8	40.9	1.06	35.3	23.7	2.79	68.7	42.2
120x80x4.0		11.6	1.48	2.90	48.3	44.2	1.55	38.8	32.4	3.32	58.9	44.7
120x80x5.0		14.2	1.81	3.45	57.6	43.6	1.84	46.1	31.9	4.03	71.2	53.9
120x80x6.0		16.7	2.13	3.95	65.8	43.0	2.10	52.5	31.4	4.69	82.4	62.3
127x76x4.0		11.8	1.51	3.21	50.5	46.2	1.45	38.2	31.0	3.30	62.3	43.8
127x76x5.0		14.5	1.84	3.83	60.2	45.5	1.72	45.4	30.6	4.00	75.2	52.8
127x76x6.0		17.0	2.17	4.38	68.9	44.9	1.96	51.7	30.1	4.65	87.1	61.0
152x76x4.0		13.4	1.71	5.01	65.9	54.2	1.71	45.0	31.7	4.23	82.3	51.0
152x76x5.0		16.4	2.09	6.01	79.0	53.6	2.04	53.7	31.2	5.13	99.8	61.6
152x76x6.0		19.4	2.47	6.91	90.9	52.9	2.33	61.4	30.7	5.98	116	71.5
150x100x3.0		11.2	1.43	4.56	60.8	56.4	2.46	49.1	41.4	5.09	72.9	55.4
150x100x4.0		14.8	1.88	5.87	78.2	55.9	3.15	63.0	40.9	6.64	94.6	71.8
150x100x5.0		18.2	2.31	7.07	94.3	55.3	3.79	75.7	40.4	8.12	115	87.3
150x100x6.0		21.4	2.73	8.17	109	54.7	4.36	87.3	40.0	9.51	134	102
160x80x4.0		14.1	1.80	5.89	73.6	57.2	2.01	50.3	33.4	4.96	91.8	56.8
160x80x5.0		17.4	2.21	7.08	88.5	56.5	2.41	60.2	33.0	6.03	111	68.9
160x80x6.0		20.5	2.61	8.16	102	55.9	2.76	69.0	32.5	7.04	130	80.1
200x100x4.5		20.0	2.55	13.1	131	71.8	4.50	90.1	42.0	11.0	163	101
200x100x6.0		26.2	3.33	16.7	167	70.8	5.69	114	41.3	14.2	210	130
200x100x8.0		33.9	4.32	20.9	209	69.5	7.05	141	40.4	18.1	267	165
200x100x10.0		41.3	5.26	24.4	244	68.2	8.18	164	39.4	21.5	318	195
250x150x4.5		27.1	3.45	29.8	238	92.9	13.6	182	62.9	29.9	288	203
250x150x6.0		35.6	4.53	38.4	307	92.0	17.5	233	62.2	39.0	374	264
250x150x8.0		46.5	5.92	48.9	391	90.8	22.2	296	61.2	50.5	482	340
250x150x10.0		57.0	7.26	58.3	466	89.6	26.3	351	60.3	61.2	582	409
320x220x6.0		48.8	6.21	91.2	570	121	51.5	468	91.0	104	679	527
320x220x8.0		64.1	8.16	118	735	120	66.3	602	90.1	136	884	685
320x220x10.0		78.9	10.1	142	888	119	79.9	726	89.1	167	1080	835