

Hollow Section



SQUARE HOLLOW SECTIONS			Dimensions					
Size mm	kg/m	Lengths		Depth d mm	Width b mm	Wall Thickness t mm	Area of section cm ²	Approx. metres per tonne
		7.5-7.6m	12.0-12.2m					
COLD FORMED								
20 x 20 x 2.0	1.20	*	—	20	20	2.0	1.42	893.0
20 x 20 x 2.5	1.35	*	—	20	20	2.5	1.72	741.0
25 x 25 x 2.0	1.43	*	—	25	25	2.0	1.82	699.0
25 x 25 x 2.5	1.74	*	—	25	25	2.5	2.22	575.0
25 x 25 x 3.0	2.04	*	—	25	25	3.0	2.60	490.0
30 x 30 x 2.5	2.03	*	—	30	30	2.5	2.72	467.0
30 x 30 x 3.0	2.51	*	—	30	30	3.0	2.20	398.0
40 x 40 x 2.5	2.92	*	—	40	40	2.5	3.72	342.0
40 x 40 x 3.0	3.45	*	—	40	40	3.0	4.40	290.0
40 x 40 x 4.0	4.46	*	—	40	40	4.0	5.68	225.0
50 x 50 x 2.0	2.93	*	—	50	50	2.0	3.74	342.0
50 x 50 x 2.5	3.56	*	—	50	50	2.5	4.72	270.0
50 x 50 x 3.0	4.39	*	—	50	50	3.0	5.60	228.0
50 x 50 x 4.0	5.72	*	—	50	50	4.0	7.28	175.0
50 x 50 x 5.0	6.97	*	—	50	50	5.0	8.88	144.0
60 x 60 x 3.0	5.34	*	—	60	60	3.0	6.80	187.0
60 x 60 x 4.0	6.97	*	—	60	60	4.0	8.88	144.0
60 x 60 x 5.0	8.54	*	—	60	60	5.0	10.90	118.0
70 x 70 x 3.0	6.30	*	—	70	70	3.0	8.00	135.0
70 x 70 x 3.6	7.46	*	*	70	70	3.5	9.50	134.0
70 x 70 x 5.0	10.10	*	—	70	70	5.0	12.90	99.1
80 x 80 x 3.0	7.22	*	—	80	80	3.0	9.20	144.0
80 x 80 x 3.6	8.59	*	—	80	80	3.5	10.90	117.0
80 x 80 x 5.0	11.70	*	—	80	80	5.0	14.90	85.5
80 x 80 x 6.0	14.40	*	—	80	80	6.0	18.40	69.5
90 x 90 x 3.5	9.72	*	—	90	90	3.5	12.40	103.
90 x 90 x 5.0	13.30	*	—	90	90	5.0	16.90	75.2
90 x 90 x 6.0	15.1	*	—	90	90	6.0	19.20	64.6
100 x 100 x 4.0	12.00	*	*	100	100	4.0	15.30	83.4
100 x 100 x 5.0	14.80	*	—	100	100	5.0	18.90	67.6
100 x 100 x 6.0	18.40	*	*	100	100	6.0	23.40	54.4
100 x 100 x 8.0	21.40	*	—	100	100	8.0	29.10	43.7
100 x 100 x 10.0	27.90	*	*	100	100	10.0	35.50	35.9
120 x 120 x 5.0	18.00	*	*	120	120	5.0	22.90	55.6
120 x 120 x 6.0	22.30	*	*	120	120	6.0	28.50	44.9
120 x 120 x 8.0	27.90	—	*	120	120	8.0	35.50	35.9
120 x 120 x 10.0	34.2	*	*	120	120	10.0	43.50	29.3
150 x 150 x 5.0	22.70	—	*	150	150	5.0	28.90	44.1
150 x 150 x 6.0	28.30	—	*	150	150	6.0	36.00	35.4
150 x 150 x 8.0	35.40	—	*	150	150	8.0	45.10	28.3
150 x 150 x 10.0	43.60	—	*	150	150	10.0	55.50	23.0
150 x 150 x 12.5	53.40	—	*	150	150	12.0	68.00	18.8
180 x 180 x 6.3	33.3	—	*	180	180	6.3	42.40	30.1
180 x 180 x 8.0	41.5	—	*	180	180	8.0	—	24.1
180 x 180 x 10.0	50.7	—	*	180	180	10.0	64.60	19.8
180 x 180 x 12.0	60.5	—	*	180	180	12.5	77.00	16.6
200 x 200 x 6.0	38.20	—	*	200	200	6.0	48.60	26.2
200 x 200 x 8.0	48.00	—	*	200	200	8.0	61.10	20.9
200 x 200 x 10.0	59.30	—	*	200	200	10.0	75.50	16.9
200 x 200 x 12.5	68.3	—	*	200	200	12.5	87.00	14.7
250 x 250 x 8.0	59.1	—	*	250	250	8.0	75.20	17.0
250 x 250 x 10.0	72.7	—	*	250	250	10.0	92.60	13.8
250 x 250 x 12.5	88.0	—	*	250	250	12.5	112.00	11.4



Hollow Section



RECTANGULAR HOLLOW SECTIONS				Dimensions				
Size mm	kg/m	Lengths		Depth d mm	Width b mm	Wall Thickness t mm	Area of section cm ²	Approx. metres per tonne
		7.5-7.6m	12.0-12.2m					
COLD FORMED								
50 x 25 x 2.0	2.15	*	—	50	25	2.0	2.74	465.0
50 x 25 x 2.5	2.72	*	—	50	25	2.5	3.47	367.0
50 x 25 x 3.0	3.22	*	—	50	25	3.0	4.10	311.0
50 x 30 x 2.5	2.92	*	—	50	30	2.5	3.72	342.0
50 x 30 x 3.0	3.45	*	—	50	30	3.0	4.40	290.0
60 x 30 x 3.0	3.96	*	—	60	30	3.0	4.81	252.0
60 x 40 x 3.0	4.39	*	—	60	40	3.0	5.60	228.0
60 x 40 x 4.0	5.72	*	*	60	40	4.0	7.28	175.0
70 x 40 x 4.0	6.08	*	—	70	40	4.0	7.75	165.0
75 x 50 x 3.0		*	—	75	50	3.0		
80 x 40 x 3.0	5.34	*	—	80	40	3.0	6.80	187.0
80 x 40 x 4.0	6.97	*	—	80	40	4.0	8.88	143.0
90 x 50 x 3.0	6.28	*	—	90	50	3.0	8.0	160.0
90 x 50 x 3.6	7.46	*	—	90	50	3.6	9.50	134.0
90 x 50 x 5.0	10.10	*	—	90	50	5.0	12.90	98.9
100 x 50 x 3.0	6.75	*	*	100	50	3.0	8.60	148.0
100 x 50 x 4.0	8.86	*	—	100	50	4.0	11.30	113.0
100 x 50 x 5.0	10.90	*	—	100	50	5.0	13.90	91.8
100 x 50 x 6.0	13.40	*	*	100	50	6.0	17.00	74.4
100 x 60 x 3.6	8.53	*	—	100	60	3.6	10.80	123.0
100 x 60 x 5.0	11.70	*	—	100	60	5.0	14.90	85.6
100 x 60 x 6.0	14.40	*	—	100	60	6.0	18.25	69.3
120 x 60 x 3.6	9.72	*	—	120	60	3.6	12.40	103.0
120 x 60 x 5.0	13.30	*	—	120	60	5.0	16.90	75.5
120 x 60 x 6.0	16.40	*	—	120	60	6.0	20.90	60.9
120 x 80 x 5.0	14.80	*	—	120	80	5.0	18.90	67.5
120 x 80 x 6.0	18.40	*	—	120	80	6.0	23.40	54.4
120 x 80 x 8.0	21.40	—	*	120	80	8.0	27.2	46.8
150 x 100 x 5.0	18.70	*	*	150	100	5.0	23.90	53.3
150 x 100 x 6.0	23.30	*	—	150	100	6.0	29.70	42.9
150 x 100 x 8.0	29.10	*	*	150	100	8.0	37.00	34.3
150 x 100 x 10.0	35.70	—	*	150	100	10.0	45.50	28.0
160 x 80 x 5.0	18.00	*	—	160	80	5.0	22.90	55.7
160 x 80 x 6.0	22.30	*	—	160	80	6.0	28.50	44.8
200 x 100 x 5.0	22.70	*	*	200	100	5.0	28.90	44.1
200 x 100 x 6.0	28.30	*	*	200	100	6.0	36.00	35.4
200 x 100 x 8.0	35.40	—	*	200	100	8.0	45.10	28.2
200 x 100 x 10.0	43.60	—	*	200	100	10.0	55.50	22.9
200 x 100 x 12.5	52.70	—	*	200	100	12.5	62.00	19.0
250 x 150 x 6.3	38.20	—	*	250	150	6.3	48.60	26.2
250 x 150 x 8.0	48.00	—	*	250	150	8.0	61.10	20.8
250 x 150 x 10.0	57.00	—	*	250	150	10.0	72.60	17.6
250 x 150 x 12.5	68.30	—	*	250	150	12.5	87.00	14.7
300 x 200 x 6.0	47.90	—	*	300	200	6.0	60.00	20.9
300 x 200 x 8.0	59.10	—	*	300	200	8.0	75.20	16.9
300 x 200 x 10.0	72.70	—	*	300	200	10.0	92.60	13.8
300 x 200 x 12.5	88.00	—	*	300	200	12.5	112.00	11.4
400 x 200 x 10.0	88.40	—	*	400	200	10.0	113.00	11.3
400 x 200 x 12.5	108.00	—	*	400	200	12.5	137.00	9.3



Hollow Section



CIRCULAR HOLLOW SECTIONS					Dimensions			
Size mm	kg/m	Lengths 6.0-6.3m	Lengths 7.5-7.6m	Lengths 10.0-10.2m	Outside Diameter mm	Wall Thickness t mm	Area of section cm ²	Approx. metres per tonne
COLD FORMED								
21.3 x 3.0	1.43	—	*	—	21.3	3.0	1.72	699.0
26.9 x 2.5	1.50	—	*	—	26.9	2.5	1.92	667.0
26.9 x 3.0	1.77	—	*	—	26.9	3.0	2.25	535.0
33.7 x 2.5	1.92	—	*	—	33.7	2.5	2.45	521.0
33.7 x 3.0	2.27	—	*	—	33.7	3.0	2.89	415.0
33.7 x 4.0	2.93	—	*	—	33.7	4.0	3.73	342.0
42.4 x 2.0	1.99	—	*	—	42.4	2.0		503.0
42.4 x 2.5	2.46	—	*	—	42.4	2.5	3.13	407.0
42.4 x 3.0	2.91	—	*	—	42.4	3.0	3.71	343.0
42.4 x 4.0	3.79	—	*	—	42.4	4.0	4.83	264.0
48.3 x 3.0	3.35	—	*	—	48.3	3.0	4.27	273.0
48.3 x 4.0	4.37	—	*	—	48.3	4.0	5.57	229.0
60.3 x 3.0	4.24	—	*	—	60.3	3.0	5.40	222.0
60.3 x 4.0	5.55	—	*	—	60.3	4.0	7.07	181.0
60.3 x 5.0	6.82	—	*	—	60.3	5.0	8.69	147.0
76.1 x 3.0	5.41	—	*	—	76.1	3.0	6.89	174.0
76.1 x 4.0	7.11	—	*	—	76.1	4.0	9.06	141.0
76.1 x 5.0	8.77	—	*	—	76.1	5.0	11.20	115.0
88.9 x 3.0	6.36	—	*	—	88.9	3.0	8.10	148.0
88.9 x 4.0	8.38	—	*	—	88.9	4.0	10.70	120.0
88.9 x 5.0	10.30	—	*	—	88.9	5.0	13.20	97.1
101.6 x 4.0	9.63	*	*	—	101.6	4.0	12.30	104.0
114.3 x 3.0	8.23	—	*	*	114.3	3.0	10.50	118.5
114.3 x 3.6	9.83	—	*	—	114.3	3.6	12.50	102.0
114.3 x 5.0	13.50	—	*	*	114.3	5.0	17.2	74.0
114.3 x 6.0	16.80	—	*	—	114.3	6.0	21.40	59.6
139.7 x 5.0	16.60	—	*	—	139.7	5.0	21.20	60.2
139.7 x 6.0	20.70	—	*	—	139.7	6.0	26.40	48.4
139.7 x 8.0	26.00	—	—	*	139.7	8.0	33.10	38.5
139.7 x 10.0	32.00	—	—	*	139.7	10.0	40.70	31.3
152.4 x 4.0	14.60	*	*	—	152.4	4.0	18.60	68.5
168.3 x 5.0	20.10	—	—	*	168.3	5.0	25.70	49.8
168.3 x 6.0	24.00	—	—	*	168.3	6.0	30.60	39.7
168.3 x 8.0	31.60	—	—	*	168.3	8.0	40.30	31.7
168.3 x 10.0	39.00	—	—	*	168.3	10.0	49.70	25.7
193.7 x 5.0	23.30	—	—	*	193.7	5.0	29.60	42.9
193.7 x 6.0	29.10	—	—	*	193.7	6.0	37.10	34.4
193.7 x 8.0	36.06	—	—	*	193.7	8.0	46.70	27.8
193.7 x 10.0	45.30	—	—	*	193.7	10.0	57.70	22.1
219.1 x 6.0	33.10	—	—	*	219.1	6.0	42.10	30.3
219.1 x 8.0	41.60	—	—	*	219.1	8.0	53.10	24.1
219.1 x 10.0	51.60	—	—	*	219.1	10.0	65.70	19.4
244.5 x 10.0	57.80	—	—	*	244.5	10.0	73.70	17.3
244.5 x 12.5	71.50	—	—	*	244.5	12.5	91.10	14.0
273.0 x 10.0	64.90	—	—	*	273	10.0	82.60	15.5
273.0 x 12.5	80.30	—	—	*	273	12.5	102.00	12.5
323.9 x 10.0	77.40	—	—	*	323.9	10.0	98.60	13.0
323.9 x 12.5	96.00	—	—	*	323.9	12.5	122.00	10.5

