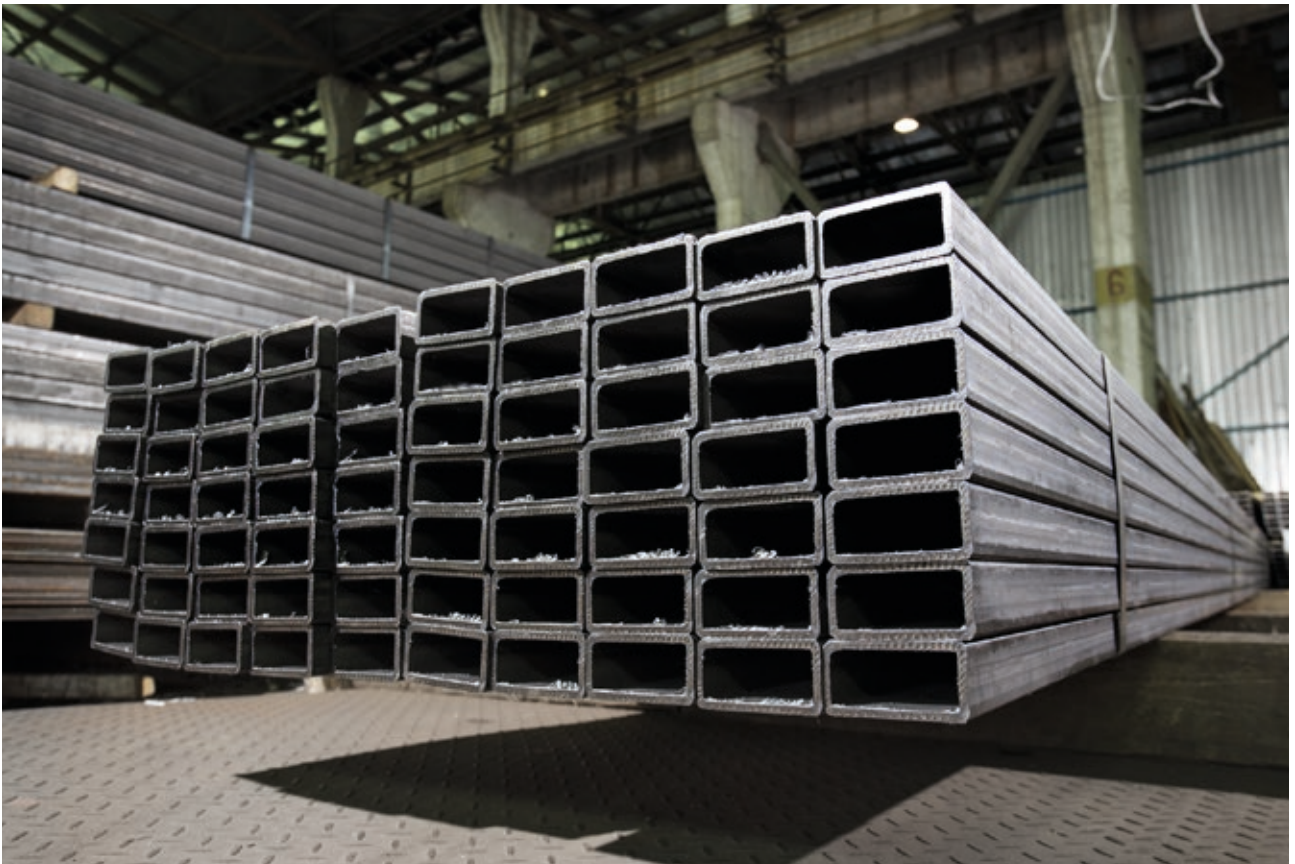

MILD STEEL

RECTANGULAR HOLLOW SECTIONS



MILD STEEL RECTANGULAR HOLLOW SECTIONS

Applications

- Water Towers.
- Structural steel fabrication i.e. Farm tools, Greenhouse, Shed etc



SPECS SHEET

SIZE	THICK- NESS	WEIGHT	PIECES /M.T	SECT. AREA	MOMENT OF INERTIA		RADIUS OF GYRATION		SECTION MODULUS	
mm	mm	kg/m		(cm ²)	Ix(cm ⁴)	Iy(cm ⁴)	ix(cm)	iy(cm)	Zx(cm ³)	Zy(cm ³)
40X20	1.2	1.08	154	1.38	2.87	0.96	1.44	0.83	1.44	0.96
	1.5	1.40	119	1.71	3.49	1.15	1.43	0.83	1.75	1.15
	2.0	1.76	95	2.24	4.44	1.44	1.14	0.80	2.22	1.43
40X25	1.2	1.18	141	1.50	3.32	1.59	1.49	1.03	1.66	1.27
	1.5	1.46	114	1.86	4.04	1.73	1.47	1.01	2.02	1.54
	2.0	1.91	87	2.44	5.17	2.43	1.45	0.99	2.59	1.94
	3.0	2.78	60	3.54	7.11	3.26	1.42	0.96	3.59	2.61
50X25	1.2	1.37	122	1.74	4.73	1.93	1.81	1.05	2.29	1.54
	1.5	1.69	99	2.15	7.00	2.43	1.80	1.04	2.80	1.87
	2.0	2.23	75	2.84	9.00	2.96	1.78	1.02	3.60	2.37
	3.0	3.25	51	4.14	12.55	3.99	1.74	0.96	5.02	3.19
60X40	1.2	1.84	91	2.34	12.12	6.48	2.27	1.66	4.04	3.24
	1.5	2.28	73	2.90	14.89	7.93	2.26	1.65	4.96	3.96
	2.0	3.01	55	3.83	19.31	10.22	2.24	1.63	6.43	5.11
	3.0	4.43	38	5.64	27.38	14.31	2.21	1.59	9.12	7.10
75X50	2.0	3.73	45	4.84	38.50	20.50	2.82	2.06	10.20	8.21
	3.0	5.60	30	7.14	55.30	29.10	2.78	2.02	14.70	11.60
	4.0	7.34	23	9.36	70.50	36.70	2.74	1.98	18.80	14.70
100X50	3.0	6.78	25	8.64	112.00	37.40	3.60	2.08	22.40	14.90
	4.0	8.92	19	11.30	144.00	47.30	3.56	2.04	28.80	18.90
120X60	2.0	5.53	30	7.04	135.58	46.24	4.39	2.56	22.60	15.41
	3.0	8.20	20	10.44	197.31	66.41	4.35	2.52	32.88	22.14
	4.0	10.80	15	13.76	255.20	84.77	4.31	2.48	42.53	28.26
	6.0	15.83	11	20.16	360.12	116.47	4.23	2.40	60.02	38.82
125X75	2.0	6.15	27	7.84	172.53	78.56	4.69	3.17	27.60	20.95
	3.0	9.14	18	11.64	251.74	113.68	4.65	3.13	40.28	30.32
	4.0	12.06	14	15.36	326.47	146.21	4.61	3.09	52.24	38.99
	6.0	17.71	9	22.56	463.18	203.99	4.53	3.01	74.11	54.40
150X50	3.0	9.14	18	11.60	311.00	54.00	5.18	2.15	41.50	21.60
	4.0	12.06	14	15.30	404.00	68.50	5.14	2.11	53.80	27.40
	6.0	17.71	9	22.56	574.03	93.15	5.04	2.03	76.54	37.26
150X100	3.0	9.14	15	14.64	473.00	253.00	5.69	4.16	63.10	50.76
	4.0	12.06	11	19.36	617.00	329.00	5.65	4.12	82.30	57.99
	6.0	17.71	7	28.56	885.00	466.00	5.57	4.04	118.00	83.31
200X50	2.0	7.72	22	9.84	447.00	49.40	6.74	2.24	44.70	9.74
	3.0	11.49	15	14.64	656.00	70.60	6.69	2.20	65.62	28.25
	4.0	15.20	11	19.36	856.00	89.80	6.65	2.15	85.61	35.92
200X100	6.0	22.42	7	28.56	1229.00	122.40	6.56	2.07	122.91	48.95
	3.0	13.85	12	17.64	947.00	324.00	7.33	4.28	94.72	64.78
	4.0	18.34	9	23.36	1240.00	421.00	7.29	4.24	124.03	84.15
	6.0	27.13	6	34.56	1794.00	599.00	7.20	4.16	179.39	119.81