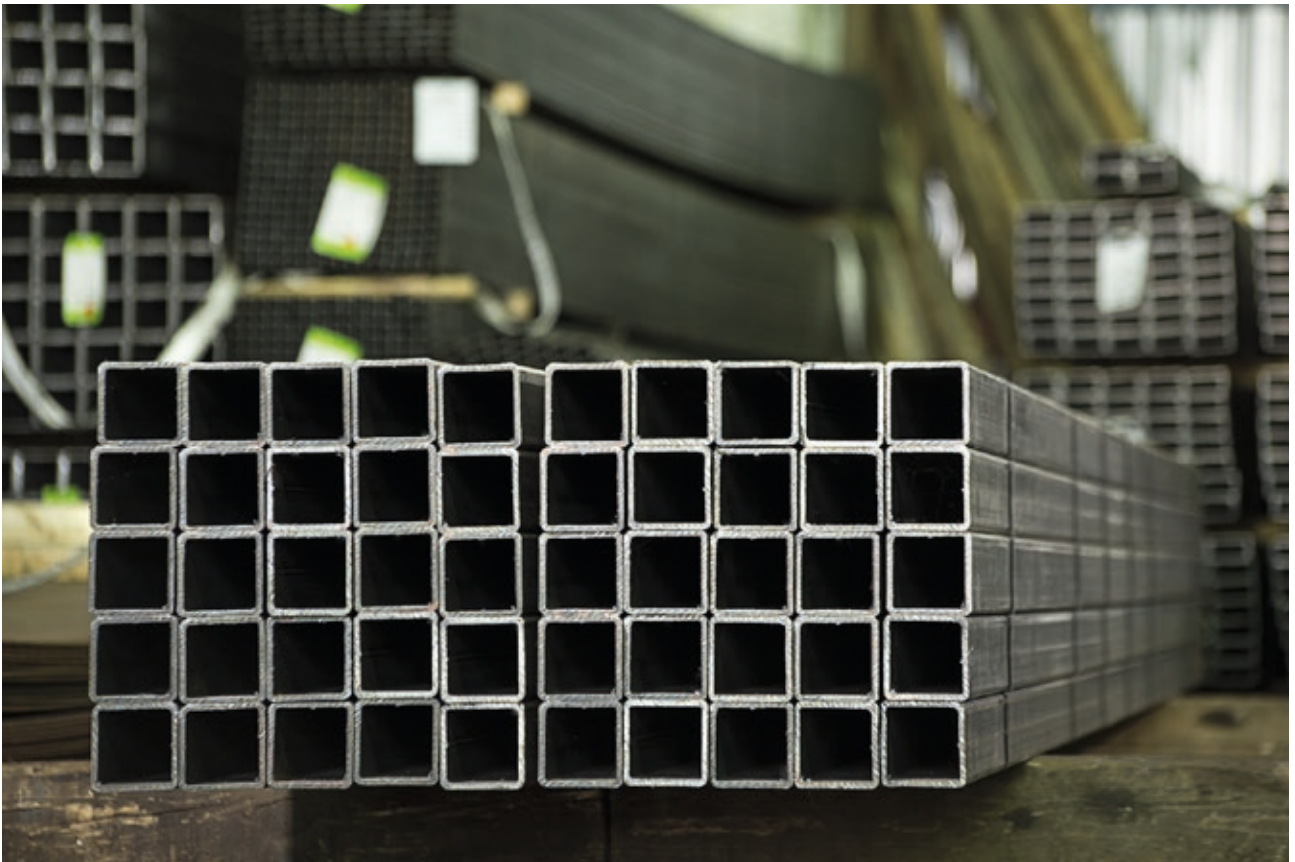


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# **MILD STEEL**

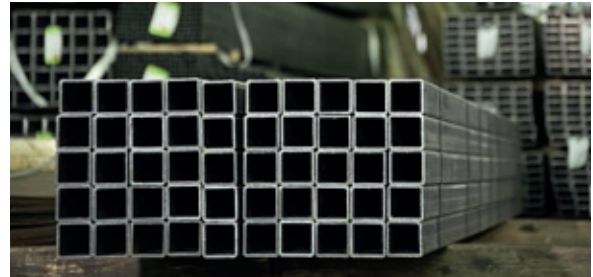
## **SQUARE HOLLOW SECTIONS**



# MILD STEEL SQUARE 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 <sup>2</sup> )	Ix(cm <sup>4</sup> )	Iy(cm <sup>4</sup> )	ix(cm)	iy(cm)	Zx(cm <sup>3</sup> )	Zy(cm <sup>3</sup> )
12X12	1.0	0.37	450	0.44	0.08	0.08	0.45	0.45	0.12	0.12
	1.2	0.41	407	0.52	0.10	0.10	0.44	0.44	0.17	0.17
	1.5	0.49	340	0.63	0.11	0.11	0.43	0.43	0.18	0.18
16X16	1.0	0.46	362	0.60	0.22	0.22	0.61	0.61	0.27	0.27
	1.2	0.56	298	0.71	0.26	0.26	0.60	0.60	0.32	0.32
	1.5	0.68	245	0.87	0.30	0.30	0.59	0.59	0.38	0.38
20X20	1.0	0.61	273	0.76	0.46	0.46	0.78	0.78	0.46	0.46
	1.2	0.71	235	0.90	0.53	0.53	0.77	0.77	0.53	0.53
	1.5	0.87	192	1.11	0.64	0.64	0.76	0.76	0.64	0.64
	2.0	1.13	147	1.44	0.79	0.79	0.74	0.74	0.79	0.79
25X25	1.0	0.80	208	0.96	0.92	0.92	0.98	0.98	0.74	0.74
	1.2	0.90	185	1.14	1.08	1.08	0.97	0.97	0.86	0.86
	1.5	1.11	150	1.41	1.30	1.30	0.96	0.96	1.04	1.04
	2.0	1.44	116	1.84	1.63	1.63	0.94	0.94	1.30	1.30
	3.0	2.07	81	2.64	2.17	2.17	0.90	0.90	1.74	1.74
30X30	1.0	0.93	179	1.16	1.63	1.63	1.18	1.18	1.08	1.08
	1.2	1.08	154	1.38	1.91	1.91	1.17	1.17	1.27	1.27
	1.5	1.34	124	1.71	2.32	2.32	1.16	1.16	1.55	1.55
	2.0	1.75	95	2.24	2.94	2.94	1.14	1.14	1.96	1.96
	3.0	2.54	66	3.24	3.99	3.99	1.10	1.10	2.66	2.66
40X40	1.2	1.46	114	1.86	4.67	4.67	1.58	1.58	2.34	2.34
	1.5	1.81	92	2.31	5.71	5.71	1.57	1.57	2.86	2.86
	2.0	2.39	70	3.04	7.34	7.34	1.55	1.55	3.67	3.67
	3.0	3.48	48	4.44	10.20	10.20	1.51	1.51	5.10	5.10
50X50	1.5	2.28	73	2.91	11.42	11.42	1.98	1.98	4.57	4.57
	2.0	3.01	55	3.84	14.77	14.77	1.96	1.96	5.91	5.91
	3.0	4.43	38	5.64	20.85	20.85	1.92	1.92	8.34	8.34
60X60	3.0	5.37	31	6.84	37.14	37.14	2.33	2.33	12.38	12.38
	4.0	7.03	24	8.96	47.07	47.07	2.29	2.29	15.69	15.69
75X75	2.0	4.58	36	5.84	51.91	51.91	2.98	2.98	13.84	13.84
	3.0	6.78	25	8.64	74.78	74.78	2.94	2.94	19.94	19.94
	4.0	8.92	19	11.36	95.75	95.75	2.90	2.90	25.53	25.53
	6.0	13.00	13	16.56	132.40	132.40	2.83	2.83	35.31	35.31
100X100	2.0	6.15	27	7.84	125.54	125.54	4.00	4.00	25.11	25.11
	3.0	9.14	18	11.64	182.71	182.71	3.96	3.96	36.54	36.54
	4.0	12.18	14	15.36	236.34	236.34	3.92	3.92	47.27	47.27
	6.0	17.71	9	22.56	333.59	333.59	3.85	3.85	66.72	66.72
125X125	3.0	11.49	15	14.60	363.00	363.00	4.98	4.98	58.14	58.14
	4.0	15.20	11	19.36	473.00	473.00	4.94	4.94	75.67	75.67
	6.0	22.42	7	28.56	676.00	676.00	4.86	4.86	108.12	108.12
150X150	3.0	13.85	12	17.64	636.00	636.00	6.00	6.00	84.74	84.74
	4.0	18.34	9	23.36	831.00	831.00	5.96	5.96	110.74	110.74
	6.0	27.13	6	34.56	1196.00	1196.00	5.88	5.88	159.53	159.53
175X175	4.0	21.48	8	27.36	1334.00	1334.00	6.98	6.98	152.47	152.47
	6.0	31.84	5	40.56	1933.00	1933.00	6.90	6.90	220.93	220.93
200X200	4.0	24.62	7	31.36	2009.00	2009.00	8.00	8.00	200.87	200.87
	6.0	36.55	5	46.56	2923.35	2923.35	7.92	7.92	292.33	292.33