
MILD STEEL

CIRCULAR HOLLOW SECTIONS



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Mild Steel Circular Hollow Sections is a tube like steel that can be designed to sustain heavy loads with ease and ideal for welding. Manufactured using high quality pure steel HR coils. This gaurantees you that the steel will not allow cracks during fabrication. Making it perfect to construct unique and aesthetically structures without compromising the strength, beauty and durability.



Applications

- Furniture Fabrications.
- Automotive structures i.e exhaust pipes.
- Construction equipments i.e wheelbarrows, security boullards 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)	I(cm ⁴)	i(cm)	Z(cm ³)
16	1.0	0.37	451	0.47	0.13	0.53	0.17
	1.2	0.44	379	0.56	0.15	0.52	0.19
	1.5	0.54	309	0.68	0.18	0.52	0.23
19	1.0	0.44	379	0.57	0.23	0.64	0.24
	1.2	0.53	315	0.67	0.27	0.63	0.28
	1.5	0.65	256	0.82	0.32	0.62	0.33
20	1.0	0.50	333	0.60	0.27	0.67	0.27
	1.2	0.59	283	0.71	0.31	0.67	0.31
	1.5	0.75	222	0.87	0.38	0.66	0.38
22	1.0	0.52	322	0.66	0.36	0.74	0.33
	1.2	0.62	269	0.78	0.43	0.74	0.39
	1.5	0.76	220	0.97	0.51	0.73	0.46
25	1.0	0.59	282	0.75	0.54	0.85	0.44
	1.2	0.70	237	0.90	0.64	0.84	0.51
	1.5	0.87	192	1.11	0.77	0.83	0.61
32	1.2	0.91	183	1.16	1.38	1.09	0.86
	1.5	1.13	148	1.44	1.68	1.08	1.05
33.5	1.2	0.96	174	1.22	1.59	1.14	0.95
	1.5	1.18	141	1.51	1.93	1.13	1.15
38	1.2	1.12	149	1.39	2.35	1.30	1.24
	1.5	1.38	121	1.72	2.87	1.29	1.51
42.25	1.2	1.21	137	1.55	3.26	1.45	1.54
	1.5	1.54	108	1.92	3.99	1.44	1.89
45	2.0	1.90	87	2.53	5.13	1.42	2.43
	1.2	1.30	129	1.65	3.96	1.55	1.76
	1.5	1.61	104	2.05	4.85	1.54	2.16
48.25	2.0	2.12	79	2.70	6.26	1.52	2.78
	1.2	1.39	120	1.77	4.91	1.66	2.04
	1.5	1.73	96	2.20	6.02	1.65	2.50
51	2.0	2.28	73	2.91	7.78	1.64	3.23
	1.5	1.87	89	2.33	7.15	1.75	2.80
60	2.0	2.42	69	3.08	9.25	1.73	3.63
	1.5	2.16	77	2.76	11.80	2.07	3.93
	2.0	2.86	58	3.64	15.34	2.05	5.11
	2.5	3.54	47	4.52	18.70	2.03	6.23
76	2.0	3.75	44	4.65	31.85	2.62	8.38
	2.5	4.53	37	5.77	39.02	2.60	10.27
89	2.0	4.29	39	5.47	51.74	3.08	11.63
	2.5	5.37	31	6.79	63.59	3.06	14.29

Size 114 x 2mm is also available on order