



IS: 1161 - Equivalent to BS-1139, 6323, ASTM - A500, JIS-G-3444
IS: 1161-1998 Steel Tubes For Structural Purposes

Technical Specification

Sr. No.	Sizes in mm	Thick in mm
Square Hollow Section (SHS)		
1	12 x 12	0.80 mm to 2.4 mm
2	15 x 15	0.80 mm to 3.2 mm
3	20 x 20	0.80 mm to 3.20 mm
4	25 x 25	0.80 mm to 4.00 mm
5	30 x 30	0.80 mm to 4.00 mm
6	32 x 32	0.80 mm to 4.00 mm
7	35 x 35	1.2 mm to 3.00 mm
8	38 x 38	1.00 mm to 4.00 mm
9	40 x 40	1.00 mm to 4.00 mm
10	48 x 48	1.00 mm to 4.00 mm
11	50 x 50	1.00 mm to 4.00 mm
12	60 x 60	2.00 mm to 5.00 mm
13	70 x 70	2.00 mm to 5.00 mm
14	80 x 80	3.00 mm to 6.00 mm
15	90 x 90	3.00 mm to 6.00 mm
16	100 x 100	3.00 mm to 6.00 mm
17	120 x 120	3.00 mm to 6.00 mm
18	125 x 125	4.00 mm to 6.00 mm
19	132 x 132	4.00 mm to 6.00 mm
20	150 x 150	4.00 mm to 6.00 mm
21	200 x 200	4.80 mm to 7.00 mm
22	250 x 250	4.80 mm to 7.00 mm
23	300 x 300	5.00 mm to 7.00 mm
Rectangular Hollow Section (RHS)		
1	20 x 40	1.00 mm to 3.00 mm
2	30 x 50	1.00 mm to 3.00 mm
3	40 x 25	1.00 mm to 3.00 mm
4	40 x 30	1.20 mm to 3.00 mm
5	50 x 25	1.00 mm to 3.60 mm
6	50 x 30	1.00 mm to 3.60 mm
7	60 x 40	1.50 mm to 4.00 mm
8	80 x 40	2.00 mm to 4.00 mm
9	100 x 50	3.00 mm to 4.00 mm
10	100 x 80	3.00 mm to 6.30 mm
11	120 x 80	3.00 mm to 6.30 mm
12	150 x 100	4.00 mm to 6.30 mm
13	200 x 100	4.00 mm to 6.30 mm
14	200 x 150	4.80 mm to 6.30 mm
15	250 x 200	4.80 mm to 6.30 mm

