



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

Size N.B. mm	Series	Outside Diameter mm	Wall Thickness mm	Weight kg/m Plain end	Mtr per Ton
15 mm		21.30	2.00	0.947	1056
	Medium		2.60	1.21	826
20 mm	Heavy	26.90	3.20	1.44	694
	Medium		2.30	1.38	725
25 mm	Heavy	33.70	3.20	1.87	535
	Medium		2.60	1.56	641
32 mm	Heavy	42.40	4.00	2.93	341
	Medium		3.20	2.54	394
40 mm	Heavy	48.30	4.00	3.79	264
	Medium		2.90	3.23	310
50 mm	Heavy	60.30	4.00	4.37	229
	Medium		3.20	3.56	281
65 mm	Heavy	76.10	4.50	6.19	162
	Medium		2.90	5.03	199
80 mm	Heavy	88.90	4.50	7.93	126
	Medium		3.20	6.72	149
90 mm	Heavy	101.60	4.80	9.90	101
	Medium		3.60	8.70	115
100 mm	Heavy	114.30	4.80	11.50	87
	Medium		3.60	9.75	103
110 mm	Heavy	127.0	5.40	14.50	69
	Medium		4.50	12.20	82
125 mm	Heavy	139.70	5.40	16.20	62
	Medium		4.50	14.50	69
135 mm	Heavy	152.40	5.40	17.9	56
	Medium		4.50	15.0	67
150 mm	Heavy	165.10	5.40	19.6	51
	Medium		4.50	16.4	61
			4.80	17.5	57
			5.40	19.6	51
			4.50	17.8	56

