

Air & Water Applications

ISO 65

CARBON STEEL TUBE SUITABLE FOR SCREWING
AS PER TO ISO : 65

DN	Designation of Thread	Outside Diameter D mm	Thickness (T) and masses per unit length (M) according to the series											
			Heavy Series			Medium Series			Light Series 1			Light Series 2		
			Thickness	Plain end	Screwed socketed	Thickness	Plain end	Screwed socketed	Thickness	Plain end	Screwed socketed	Thickness	Plain end	Screwed socketed
			tT mm	M kg/m	M kg/m	T mm	M kg/m	M kg/m	T mm	M kg/m	M kg/m	T mm	M kg/m	M kg/m
15	½	21.3	3.2	1.44	1.45	2.6	1.21	1.22	2.3	1.09	1.09	2.0	0.947	0.956
20	¾	26.9	3.2	1.87	1.88	2.6	1.56	1.57	2.3	1.39	1.40	2.3	1.38	1.39
25	1	33.7	4.0	2.93	2.95	3.2	2.41	2.43	2.9	2.20	2.22	2.6	1.98	2.00
32	1 ¼	42.4	4.0	3.97	3.82	3.2	3.10	3.13	2.9	2.82	2.85	2.6	2.54	2.57
40	1 ½	48.3	4.0	4.37	4.41	3.2	3.56	3.60	2.9	3.24	3.28	2.9	3.23	3.27
50	2	60.3	4.5	6.19	6.26	3.6	5.03	5.10	3.2	4.49	4.56	2.9	4.08	4.15
65	2 ½	76.1	4.5	7.93	8.05	3.6	6.42	6.54	3.2	5.73	5.85	3.2	5.71	5.83
80	3	88.9	5.0	10.3	10.5	4.0	8.36	8.53	3.6	7.55	7.72	3.2	6.72	6.89
100	4	114.3	5.4	14.5	14.8	4.5	12.2	12.5	4.0	10.8	11.1	3.6	9.75	10.0
125	5	139.7	5.4	17.9	18.4	5.0	16.6	17.1	-	-	-	-	-	-
150	6	165.12	5.4	21.3	21.9	5.0	19.8	20.4	-	-	-	-	-	-

Tolerances on Thickness as per above table

Light Series 1		Light Series 2	
+ Not Limited	- 12.5%	+ Not Limited	- 8%

Tolerances on Weight as per above table

Light Series 1		Light Series 2	
Single Tube ± 10%	10 Ton Load ± 7.5%	Single Tube + 10% - 8%	10 Ton Load ± 5%