Carbon Steel Tubes For Machine Structural Purposes

JIS G 3445 - STKM 11A

Nominal Size	Outside Diameter		Thickness											
			SWG 19				SWG 18				SWG 17			
			1.0 mm				1.2 mm				1.4 mm			
			0.039 in				0.047 in				0.056 in			
mm	in	mm	kg/m	kg/6m	kg/ft	lb/ft	kg/m	kg/6m	kg/ft	lb/ft	kg/m	kg/6m	kg/ft	lb/ft
12	1/2	12.7	0.289	1.734	0.088	0.194	0.340	2.040	0.104	0.229	0.390	2.340	0.119	0.262
16	5/8	15.9	0.368	2.208	0.112	0.247	0.435	2.610	0.133	0.293	0.501	3.006	0.153	0.337
19	3/4	19.1	0.447	2.682	0.136	0.300	0.530	3.180	0.162	0.357	0.611	3.666	0.186	0.410
22	7/8	22.2	0.523	3.138	0.159	0.351	0.622	3.732	0.189	0.417	0.718	4.308	0.219	0.483
25	1	25.4	0.602	3.612	0.183	0.404	0.716	4.296	0.218	0.481	0.829	4.974	0.253	0.558
28	1 1/8	28.6	0.681	4.086	0.208	0.459	0.811	4.866	0.247	0.545	0.939	5.634	0.286	0.631
32	1 1/4	31.8	0.760	4.560	0.232	0.512	0.906	5.436	0.276	0.609	1.050	6.300	0.320	0.706
35	1 3/8	34.9	-	-	-	-	1.000	6.000	0.304	0.670	1.160	6.960	0.354	0.781
38	1 1/2	38.1	-	-	-	-	1.092	6.552	0.333	0.734	1.267	7.602	0.386	0.851
41	1 5/8	41.3	-	-	-	-	1.187	7.122	0.362	0.798	1.378	8.268	0.420	0.926
44	1 3/4	44.5	-	-	-	-	1.281	7.686	0.391	0.862	1.488	8.928	0.454	1.001
47	1 7/8	47.6	-	-	-	-	1.373	8.238	0.419	0.924	1.595	9.570	0.486	1.072
50	2	50.8	-	-	-	-	1.468	8.808	0.447	0.986	1.705	10.230	0.520	1.146
54	2 1/8	54.0	-	-	-	-	1.563	9.378	0.476	1.049	1.816	10.896	0.554	1.221
57	2 1/4	57.2	-	-	-	-	-	-	-	-	1.926	11.556	0.587	1.294
60	2 3/8	60.3	-	-	-	-	-	-	-	-	2.033	12.198	0.620	1.367
65	2 1/2	63.5	-	-	-	-	-	-	-	-	2.144	12.864	0.653	1.440
80	3	76.2	-	-	-	-	-	-	-	-	-	-	-	-