BOILER AND HEAT-EXCHANGER TUBES

Outside Diameter		WALL THICKNESS																
		16 swg	15 swg	14 swg	13 swg	12 swg	11 swg	10 swg	9 swg	8 swg	7 swg	6 swg	5 swg	4 swg	1/4"	5/16"	3/8"	1/2"
		1.63 mm	1.83 mm	2.03 mm	2.34 mm	2.64 mm	2.95 mm	3.25 mm	3.66 mm	4.06 mm	4.47 mm	4.88 mm	5.39 mm	5.89 mm	6.35 mm	7.94 mm	9.53 mm	12.7 mm
mm	inch.	Weight with nominal thk (kg/mtr) / Weight with minimum thk (kg/mtr)																
0.75	19.05	0.70	0.78	0.85	0.96	1.07	1.17	1.27										
		0.77	0.82	0.89	1.04	1.12	1.23	1.33										
1.00	25.40	0.96	1.06	1.17	1.33	1.48	1.63	1.78										
		1.00	1.12	1.23	1.40	1.56	1.71	1.86										
1.25	31.75				1.70	1.90	2.10	2.28	2.54	2.77								
					1.78	1.99	2.20	2.40	2.66	2.91								
1.50	38.10							2.79	3.11	3.41	3.71	4.00	4.35	4.68	4.97			
								3.07	3.42	3.75	4.08	4.40	4.57	4.91	5.22			
1.75	44.45							3.30	3.68	4.04	4.41	4.76	5.19	5.60	5.97			
								3.63	4.05	4.45	4.85	5.24	5.71	5.88	6.26			
2.00	50.80							3.81	4.25	4.68	5.11	5.53	6.04	6.52	6.96			
								4.19	4.68	5.15	5.62	6.08	6.64	7.18	7.66			
2.25	57.15							4.32	4.83	5.32	5.81	6.29	6.88	7.45	7.96	9.64		
								4.75	5.31	5.85	6.39	6.92	7.57	8.19	8.75	10.60		
2.50	63.50							4.83	5.40	5.95	6.51	7.05	7.72	8.37	8.95	10.88	12.68	
								5.31	5.94	6.55	7.16	7.76	8.50	9.21	9.84	11.97	13.95	
2.75	69.85							5.34	5.97	6.59	7.21	7.82	8.57	9.29	9.94	12.12	14.18	
								5.87	6.57	7.25	7.93	8.60	9.43	10.22	10.94	13.34	15.59	
3.00	76.20							5.85	6.55	7.22	7.91	8.58	9.41	10.21	10.94	13.37	15.67	
								6.43	7.20	7.95	8.70	9.44	10.35	11.23	12.03	14.70	17.24	
3.25	82.55							6.36	7.12	7.86	8.61	9.35	10.26	11.14	11.93	14.61	17.16	
								6.99	7.83	8.64	9.47	10.28	11.28	12.25	13.13	16.07	18.88	
3.50	88.90							6.86	7.69	8.49	9.31	10.11	11.10	12.06	12.93	15.85	18.65	
								7.55	8.46	9.34	10.24	11.12	12.21	13.26	14.22	17.44	20.52	
3.75	95.25									9.13	10.01	10.88	11.94	12.98	13.92	17.10	20.15	
										10.04	11.01	11.96	13.14	14.28	15.31	18.81	22.16	
4.00	101.60									9.77	10.71	11.64	12.79	13.90	14.92	18.34	21.64	
										10.74	11.78	12.80	14.07	15.29	16.41	20.17	23.80	
4.25	107.95									10.40	11.41	12.40	13.63	14.82	15.91	19.58	23.13	29.83
										11.44	12.55	13.64	15.00	16.31	17.50	21.54	25.44	32.82
4.50	114.30									11.04	12.11	13.17	14.48	15.75	16.91	20.83	24.62	31.82
										12.14	13.32	14.49	15.92	17.32	18.60	22.91	27.09	35.00
4.75	120.65									11.67	12.81	13.93	15.32	16.67	17.90	22.07	26.12	33.81
										12.84	14.09	15.33	16.85	18.34	19.69	24.28	28.73	37.19
5.00	127.00									12.31	13.51	14.70	16.17	17.59	18.89	23.31	27.61	35.80
										13.54	14.86	16.17	17.78	19.35	20.78	25.64	30.37	39.38
5.25	133.35									12.95	14.21	15.46	17.01	18.51	19.89	24.56	29.10	37.79
										14.24	15.63	17.01	18.71	20.37	21.88	27.01	32.01	41.57
5.50	139.70												17.85	19.44	20.88	25.80	30.59	39.78
													19.64	21.38	22.97	28.38	33.65	43.75
6.00	152.40												19.54	21.28	22.87	28.29	33.58	43.75
													21.50	23.41	25.16	31.12	36.94	48.13
6.50	165.10												21.23	23.13	24.86	30.77	36.56	47.73
													23.35	25.44	27.35	33.85	40.22	52.51