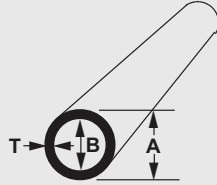
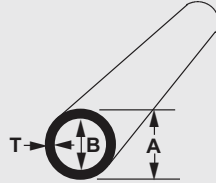


Sec	A	T	B	Kg/m	Sec	A	T	B	Kg/m
					9708	19.00	4.00	11.00	0.509
					9013	19.05	1.30	16.45	0.196
					9599	19.05	1.83	15.39	0.267
					8094	19.05	2.90	13.25	0.397
					8066	19.25	2.23	14.79	0.322
					8178	19.60	6.05	7.50	0.695
					9511	20.00	1.25	17.50	0.199
					8122	20.00	1.50	17.00	0.235
8223	0.00	5.00	45.40	2.138	9478	20.00	1.60	16.80	0.250
9742	6.35	1.22	3.91	0.053	9510	20.00	2.00	16.00	0.305
9588	7.94	1.27	5.40	0.072	9542	20.00	3.00	14.00	0.433
9748	7.94	1.27	5.40	0.072	8048	20.00	4.50	11.00	0.592
9915	9.52	1.20	7.12	0.085	8047	20.10	5.70	8.70	0.696
9006	9.52	1.40	6.72	0.096	9539	20.19	3.06	14.07	0.445
9647	11.11	1.68	7.75	0.134	9919	21.00	2.00	17.00	0.322
9881	12.00	0.80	10.40	0.076	8256	21.00	4.40	12.20	0.620
9651	12.20	1.27	9.66	0.118	8123	21.00	5.00	11.00	0.679
8007	12.60	2.40	7.80	0.208	9512	22.00	1.25	19.50	0.220
9537	12.70	1.27	10.16	0.123	9479	22.00	1.60	18.80	0.277
8153	12.70	1.63	9.44	0.153	9440	22.00	2.50	17.00	0.414
9030	12.70	2.00	8.70	0.182	8255	22.00	3.75	14.50	0.581
8199	12.70	2.35	8.00	0.206	8003	22.22	1.22	19.78	0.217
8124	12.70	2.50	7.70	0.216	8154	22.22	1.63	18.96	0.285
8141	12.70	3.00	6.70	0.247	8182	22.40	1.60	19.20	0.282
9531	12.70	2.03	8.64	0.184	8046	23.20	4.75	13.70	0.743
8008	14.20	3.20	7.80	0.299	8230	23.20	6.00	11.20	0.875
9442	15.00	2.00	10.00	0.265	9029	24.00	2.75	20.50	0.496
9012	15.88	1.30	13.28	0.161	9073	25.00	1.20	22.60	0.242
9439	15.88	2.39	11.10	0.273	9514	25.00	1.25	22.50	0.252
9540	15.88	2.80	10.28	0.311	8112	25.00	1.50	22.00	0.299
9467	16.00	1.60	12.80	0.198	9466	25.00	1.60	21.80	0.318
8030	16.00	2.93	10.15	0.324	9046	25.00	1.62	21.76	0.321
8198	16.00	3.00	10.00	0.331	9074	25.00	1.80	21.40	0.354
9464	16.00	4.00	8.00	0.407	9469	25.00	2.00	21.00	0.390
9716	16.25	2.50	11.25	0.292	9543	25.00	2.50	20.00	0.477
8109	16.26	2.28	11.70	0.270	9032	25.00	2.50	20.00	0.477
8175	18.00	2.25	13.5	0.301	9443	25.00	3.00	19.00	0.560
9933	19.00	1.60	15.80	0.236	8130	25.00	3.15	18.70	0.584
9805	19.00	3.00	13.00	0.407	8144	25.00	3.75	17.50	0.676
9709	19.00	3.75	11.50	0.485					

ROUND TUBES

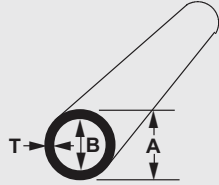


Sec	A	T	B	Kg/m
8025	25.00	6.48	12.05	1.017
8185	25.30	1.30	22.70	0.265
IT01	25.40	1.27		0.260
9924	25.40	1.35	22.70	0.275
8132	25.40	1.50	22.40	0.304
9600	25.40	1.83	21.74	0.366
9663	25.40	1.90	21.60	0.379
8095	25.40	2.90	19.60	0.553
9431	25.40	3.18	19.04	0.599
8244	25.40	3.25	18.90	0.611
8116	25.40	4.50	16.40	0.798
8251	25.40	6.00	13.40	0.987
8177	25.40	6.45	12.50	1.037
9661	25.40	2.03	21.34	0.402
8100	25.50	7.38	10.75	1.134
8017	26.10	4.25	17.60	0.788
8119	26.10	4.40	17.30	0.761
8226	26.50	1.25	24.00	0.268
8296	27.00	3.20		0.646
8125	27.00	5.50	16.00	1.003
8205	27.00	6.40	14.20	1.118
9735	28.00	2.50	23.00	0.541
9544	28.00	4.00	20.00	0.814
9033	28.00	4.00	20.00	0.814
8220	28.00	9.25	9.50	1.471
9010	28.58	1.80	24.98	0.409
9527	28.58	2.03	24.52	0.457
8253	28.58	4.50	19.58	0.919
9090	28.60	2.33	23.94	0.519
9028	28.60	3.30	22.00	0.708
9456	29.00	2.50	24.00	0.562
8227	29.40	1.30	26.80	0.310
8172	30.00	5.00	20.00	1.060
9555	30.14	6.74	16.66	1.338
8131	30.20	9.00	12.20	1.618
8014	30.40	1.20	28.00	0.297
8022	31.00	3.00	25.00	0.713
9601	31.75	1.83	28.09	0.464
8005	31.75	2.64	26.47	0.652
8162	31.75	2.96	25.83	0.721
9882	31.75	3.05	25.65	0.743
9496	31.75	3.25	25.25	0.786
8118	31.75	4.50	22.75	1.040
8233	31.75	4.76	22.23	1.090
8117	31.75	6.00	19.75	1.311
9799	32.00	1.27	29.46	0.331
9483	32.00	1.60	28.80	0.413
9609	32.00	1.80		0.461
9610	32.00	2.00	28.00	0.509
9027	32.00	3.50	25.00	0.846
9011	32.00	4.00	24.00	0.950
8179	32.50	11.75	9.00	2.068
8281	33.00	2.00	29.00	0.526
8254	33.00	5.70	21.60	1.320
9666	33.40	3.38	26.64	0.861
9667	33.40	4.55	24.30	1.113
8026	34.60	4.25	26.10	1.094
8299	34.85	4.35	26.15	1.125
8028	35.00	1.30		0.372
8021	35.00	1.80	31.40	0.507
9701	35.00	3.00		0.814
9702	35.00	3.18	28.64	0.858
9080	35.00	3.18	28.64	0.858
9441	35.00	5.00	25.00	1.272
9731	35.00	7.00	21.00	1.663
8063	35.00	9.00	17.00	1.985
8103	35.00	12.50	10.00	2.386
8292	35.05	4.45	26.15	1.155
8015	35.35	8.83	17.69	1.986
8285	35.50	4.70	26.10	1.228
9480	36.00	2.00	32.00	0.577

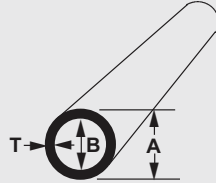


Sec	A	T	B	Kg/m
9789	36.00	2.00	32.00	0.577
9541	36.00	3.25	29.50	0.903
9684	36.00	4.00	28.00	1.086
8241	36.50	3.75	29.00	1.042
8023	37.50	3.00	31.50	0.878
9078	37.50	4.25	29.00	1.199
9026	37.50	4.25	29.00	1.199
9062	38.00	2.00	34.00	0.611
9463	38.00	2.00	34.00	0.611
9036	38.00	2.75	34.50	0.822
9014	38.00	7.50	23.00	1.940
9038	38.00	7.90	22.20	2.017
9571	38.10	1.27	35.56	0.397
9752	38.10	1.50	35.10	0.466
9662	38.10	2.03	34.04	0.621
9602	38.10	2.03	34.04	0.621
8012	38.10	3.17	31.76	0.939
8192	38.10	4.50	29.10	1.283
9498	38.10	4.76	28.58	1.346
8168	38.10	6.00	26.10	1.634
8166	38.10	6.35	25.40	1.710
8282	38.10	10.90	16.30	2.515
8105	38.10	12.50	13.10	2.714
8096	38.10	2.9	32.30	0.866
8126	38.50	9.75	19.00	2.378
9065	38.60	1.80	35.00	0.562
8228	39.10	1.30	36.50	0.417
8240	39.10	4.60	29.90	1.346
8033	39.40	7.00	25.40	1.924
9911	39.50	1.50	36.50	0.483
9755	40.00	1.14	37.72	0.376
8011	40.00	2.00	36.00	0.645
9400	40.00	2.50	35.00	0.795
9481	40.00	3.15	33.70	0.985
9457	40.00	5.00	30.00	1.484
9083	40.65	2.70	35.25	0.869
8272	41.00	4.00	33.00	1.255
8252	41.27	3.18	34.91	1.028
9003	41.28	2.00	37.28	0.666
9054	41.28	2.00	37.28	0.666
9081	41.28	4.00	33.28	1.265
8104	41.28	12.50	16.28	3.052
8294	41.78	4.56	32.66	1.440
8293	41.86	4.60	32.66	1.454
9075	42.00	2.00	38.00	0.679
9718	42.00	2.00	38.00	0.679
9674	42.00	2.00	38.00	0.679
9044	42.00	4.00	34.00	1.289
9899	42.00	11.50	19.00	2.975
8041	42.00	7.5	27.00	2.195
8221	42.06	4.70	32.66	1.489
9668	42.16	3.56	35.04	1.166
9669	42.16	4.85	32.46	1.535
8143	42.85	3.25	36.35	1.092
8158	44.00	1.52	40.96	0.548
9067	44.45	3.00	38.45	1.055
9077	44.45	3.25	37.95	1.136
8114	44.45	4.50	35.45	1.525
8152	44.45	4.50	35.45	1.525
8142	44.45	6.00	32.45	1.957
8029	44.45	11.12		3.144
9719	45.00	2.00	41.00	0.729
9017	45.00	4.00	37.00	1.391
9517	45.00	5.00	35.00	1.696
8102	45.00	12.50	20.00	3.446
9720	46.00	3.18		1.155
9025	46.00	5.00	36.00	1.739
9522	46.30	1.63	43.05	0.616
9031	47.63	3.18	41.27	1.199
9501	47.63	14.29	19.05	4.041
8006	47.80	14.40	19.00	4.080

ROUND TUBES

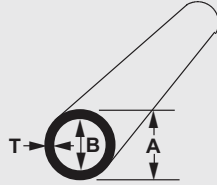


Sec	A	T	B	Kg/m	Sec	A	T	B	Kg/m
					9004	50.80	2.00	46.8	0.828
					8062	50.80	3.00	44.8	1.216
					9505	50.80	3.25	44.30	1.311
					8098	50.80	4.50	41.80	1.767
					8193	50.80	4.50	41.80	1.767
					8196	50.80	4.76	41.28	1.859
					9923	50.80	6.00	38.8	2.280
8016	48.00	3.00		1.145	9515	50.80	6.35	38.10	2.394
8120	48.00	4.00	40.00	1.492	8269	50.80	12.70	25.40	4.104
9015	48.00	8.50	31.00	2.848	8236	50.80	12.70	25.40	4.104
9039	48.00	9.00	30.00	2.977	8283	50.80	14.10	22.60	4.389
9042	48.00	9.75	28.50	3.163	8234	51.00	10.50	30.00	3.607
8291	48.10	4.65	38.80	1.714	9509	51.00	3.25	44.50	1.316
8295	48.11	4.51	39.09	1.668	9658	51.04	1.52	48.00	0.638
8246	48.20	4.50	39.20	1.668	8019	51.30	3.65	44.00	1.475
9096	48.25	1.25	45.75	0.498	9675	51.50	3.20	45.10	1.311
9435	48.26	3.68	40.90	1.392	9034	52.00	2.50	47.00	1.050
9559	48.26	5.08	38.10	1.861	8065	52.00	7.00	38.00	2.672
8184	48.40	2.60	43.20	1.010	9049	52.00	10.00	32.00	3.563
8155	48.41	4.47	39.47	1.666	8181	52.00	16.00	20.00	4.886
8222	48.49	4.70	39.09	1.746	8149	53.98	1.54	50.90	0.685
8297	48.49	4.70	39.09	1.746	9524	54.63	1.62	51.39	0.728
8298	48.69	4.80	39.09	1.787	9079	55.00	3.00	49.00	1.323
9465	49.70	3.00	43.70	1.188	9007	55.00	10.00	35.00	3.817
9035	50.00	2.50	45.00	1.007	8173	56.00	19.00	18.00	5.963
9063	50.00	3.00	44.00	1.196	9024	57.00	6.75	43.50	2.877
9990	50.00	3.00	44.00	1.161	8188	57.00	10.00		3.987
8000	50.00	4.00	42.00	1.561	8099	57.15	3.00	51.15	1.378
9504	50.00	5.00	40.00	1.909	9526	57.15	3.18	50.79	1.456
9398	50.00	5.50	39.00	2.076	8180	57.15	13.57	30.01	5.016
9920	50.00	6.00	38.00	2.239	8010	58.30	3.00	52.30	1.407
9788	50.00	7.50	35.00	2.704	9909	59.00	10.75	37.50	4.400
8290	50.00	8.00	34.00	2.850	9001	60.00	2.00	56.00	0.984
9793	50.50	2.00	46.50	0.823	9016	60.00	2.50	55.00	1.219
8135	50.70	6.00	38.70	2.275	8159	60.00	3.00	54.00	1.450
IT02	50.80	1.27		0.534	9570	60.00	3.15	53.70	1.519
8089	50.80	1.60	47.60	0.668	9021	60.00	5.00	50.00	2.333
8138	50.80	1.80	47.20	0.748	8237	60.00	6.50	47.00	2.950
9055	50.80	2.00	46.80	0.828	8258	60.00	10.00	40.00	4.241

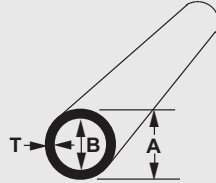


Sec	A	T	B	Kg/m
8235	60.00	12.50	35.00	5.036
9654	60.32	3.91	52.50	1.871
9560	60.33	5.54	49.25	2.575
9477	61.93	2.39	57.15	1.207
8139	62.00	16.00	30.00	6.243
8224	62.20	5.20	51.80	2.514
9935	62.50	3.60	55.30	1.799
9482	63.00	1.60	59.80	0.833
9590	63.00	2.50	58.00	1.283
8169	63.00	6.75	49.50	3.221
9591	63.00	8.00	47.00	3.732
9068	63.50	3.00	57.50	1.540
9989	63.50	3.18	57.14	1.587
9525	63.50	3.18	57.14	1.627
8018	63.50	4.00	55.50	2.019
8239	63.50	4.50	54.50	2.252
8165	63.50	6.00	51.50	2.926
8232	63.50	6.35	50.80	3.078
9921	63.50	7.50	48.50	3.563
8260	63.50	12.70	38.10	5.472
9008	65.00	15.00	35.00	6.362
9397	65.00	17.50	30.00	7.051
8148	65.20	3.20	58.80	1.683
8051	66.10	3.8	58.50	2.008
8013	67.00	4.00	59.00	2.138
9616	69.50	15.25	39.00	7.018
9018	70.00	2.00	66.00	1.153
9503	70.00	2.00	66.00	1.154
9913	70.00	6.67	56.66	3.583
8037	72.00	4.00	64.00	2.307
9002	72.00	11.00	50.00	5.692
8174	72.00	20.00	32.00	8.822
8157	73.00	2.00	69.00	1.204
9436	73.02	5.16	62.70	2.970
9561	73.03	7.01	59.01	3.926
9097	73.65	1.25	71.15	0.768
9050	74.10	2.45	69.20	1.489
9506	74.78	2.39	70.00	1.468
8004	75.00	3.00	69.00	1.832
8160	75.00	4.00	67.00	2.409
8275	75.00	6.00	63.00	3.512
8020	76.00	3.50	69.00	2.152
IT03	76.20	1.27		0.807
8245	76.20	1.60	73.00	1.012
8136	76.20	2.90	70.40	1.803
8163	76.20	3.18	69.84	1.970
8262	76.20	4.00	68.20	2.450
9088	76.20	4.50	67.20	2.737
9089	76.20	6.00	64.20	3.573
8204	76.20	6.35	63.50	3.762
8238	76.20	9.53	57.14	5.389
8284	76.20	23.60	29.00	10.530
8121	77.00	2.00	73.00	1.272
9988	77.00	3.00	71.00	1.848
9084	77.00	3.00	71.00	1.883
8127	78.00	5.00	68.00	3.096
8257	78.00	15.50	47.00	8.217
8164	78.50	5.00	68.50	3.117
9484	80.00	2.50	75.00	1.643
8151	80.00	4.00	72.00	2.579
8133	80.00	5.00	70.00	3.181
9939	80.00	8.00	64.00	4.886
8150	80.00	10.00	60.00	5.938
9085	80.00	12.00	56.00	6.922
9019	80.00	15.00	50.00	8.270
8263	80.00	20.00	40.00	10.179
8145	80.00	25.00	30.00	11.663
9507	80.78	2.39	76.00	1.589
9589	81.20	2.50	76.20	1.669
8036	81.50	4.00	73.50	2.630
8027	82.00	2.50	77.00	1.686
8248	82.20	3.00	76.20	2.015
8249	82.55	3.25		2.186

ROUND TUBES



Sec	A	T	B	Kg/m
9091	84.00	29.50	25.00	13.637
8250	84.20	4.00	76.20	2.721
8261	85.00	4.00	77.00	2.748
8267	85.50	3.00	79.50	2.099
8137	86.00	9.00	68.00	5.878
8186	86.00	9.25	67.50	6.022
9713	86.50	5.80	74.90	3.970
9530	87.00	1.50		1.088
9529	87.00	6.00	75.00	4.122
8187	87.00	13.50	60.00	8.417
9069	88.90	3.00	82.9	2.186
9987	88.90	3.20	82.50	2.286
9043	88.90	4.00	80.90	2.881
8194	88.90	4.50	79.90	3.222
9940	88.90	5.49	77.92	4.017
9639	88.90	5.49	77.92	3.884
8170	88.90	6.00	76.90	4.219
9941	88.90	7.62	73.66	5.254
9787	88.90	9.53	69.84	6.416
9562	88.90	7.62	73.66	5.254
9099	89.00	11.00	67.00	8.007
9485	90.00	2.50	85.00	1.856
8259	90.00	10.00	70.00	6.786
9056	91.00	13.50	84.00	8.875
9782	94.23	24.89	44.45	14.639
9048	95.00	2.50	90.00	1.962
9645	95.00	12.50	70.00	8.747
9399	96.50	5.50	85.50	4.245
8001	97.00	19.50		12.819
9093	97.30	1.75	93.80	1.418
9646	98.00	26.75	44.50	16.176
9644	100.00	2.50	95.00	2.068
9486	100.00	3.15	93.70	2.588
9009	100.00	4.00	92.00	3.257
9057	100.00	4.00	92.00	3.257
8270	100.00	10.00	80.00	7.634
8287	100.00	12.00	76.00	8.957
8286	100.00	21.00	58.00	14.072
8264	100.00	30.00	40.00	17.813
9022	101.00	3.15	94.70	2.614
9061	101.00	3.15	94.70	2.614
IT04	101.60	1.27		1.080
8156	101.60	1.60	98.40	1.357
8189	101.60	2.90	95.80	2.428
9070	101.60	3.00	95.60	2.509
8242	101.60	3.25	95.10	2.711
9005	101.60	4.00	93.60	3.311
8197	101.60	4.50	92.60	3.706
9670	101.60	5.74	90.12	4.667
8274	101.60	6.00	89.60	4.865
8161	101.60	6.35	88.90	5.130
9671	101.60	8.08	85.44	6.410
8111	101.60	10.00	81.60	7.770
8146	101.60	12.00	77.60	9.120
8147	101.60	25.00	51.60	16.244
9092	101.60	35.80	30.00	19.981
8031	101.60	3.5	94.60	2.912
9627	102.00	3.50	95.00	2.924
8128	103.00	20.00	63.00	14.081
8040	105.00	3.00	99.00	2.596
8061	106.50	7.00	92.50	5.908
9640	108.00	3.00	102.00	2.621
8203	110.00	16.00	78.00	12.757
8265	110.00	32.50	45.00	21.365
9706	111.00	3.00	105.00	2.748
9528	112.00	6.00	100.00	5.395
9916	112.00	12.50	87.00	10.550
8032	113.00	3.50	106.00	3.251
8190	113.00	15.00	83.00	12.469
9592	113.90	3.00	107.90	2.822
9932	114.00	2.00	110.00	1.900
9066	114.00	4.00	106.00	3.732
8200	114.00	24.50	65.00	18.600



Sec	A	T	B	Kg/m
9942	114.20	6.02	102.16	5.524
9943	114.20	8.51	97.18	7.629
9037	114.30	6.35	101.60	5.814
9536	114.30	8.56	97.18	7.678
9047	114.30	8.56	97.18	7.678
9672	114.60	6.17	102.26	5.675
9603	115.00	12.00	91.00	10.484
8271	119.00	13.50	92.00	12.081
8276	120.00	6.00	108.00	5.802
9076	120.00	8.00	104.00	7.600
8024	120.00	10.00	100.00	9.331
8043	120.00	12.00	96.00	10.993
8129	123.00	4.00	115.00	4.038
9641	125.00	5.00	115.00	5.089
8091	125.00	7.00	111.00	7.006
8201	125.00	10.00	105.00	9.755
9052	125.00	15.00	95.00	13.996
9664	125.00	17.50	90.00	15.957
9781	125.00	20.00	85.00	17.813
8266	125.00	37.50	50.00	27.833
8115	127.00	2.90	121.20	3.053
8243	127.00	3.25	120.50	3.411
9626	127.00	6.00	115.00	6.158
9071	127.00	6.00	115.00	6.158
8108	127.00	6.35	114.30	6.499
9051	127.00	9.02	108.96	9.027
8113	127.00	9.02	108.96	9.027
8107	127.00	9.15		9.147
8110	127.00	9.50	108.00	9.468
8268	127.00	12.70	101.60	12.313
8625	130.00	3.50	123.00	3.756
9604	130.00	7.00	116.00	7.303
9751	133.00	5.00	123.00	5.429
9045	133.00	20.00		19.170
8273	135.00	10.00	115.00	10.603
9023	138.00	11.50	115.00	12.340
8140	139.70	6.00	127.70	6.805
8167	141.30	9.53	122.24	10.652
8038	143.00	21.00	101.00	21.732
8176	145.00	7.50	130.00	8.747
8171	145.00	8.50	128.00	9.842
9918	145.00	17.50	110.00	18.926
9086	148.00	15.00	118.00	16.922
9729	150.00	7.00	136.00	8.491
8009	150.00	7.50	135.00	9.065
8277	150.00	8.00	134.00	9.636
8288	150.00	10.00	130.00	11.875
9665	151.00	30.00	91.00	31.174
8195	152.40	6.00	140.40	7.451
8002	154.00	5.00	144.00	6.319
9938	156.00	10.00	136.00	12.384
8183	157.00	16.50	124.00	19.664
9087	160.00	10.00	140.00	12.723
8191	163.50	5.00	153.5	6.722
9020	163.80	7.00	149.80	9.310
9058	165.00	18.50		22.989
9053	168.00	5.00	158.00	6.913
9072	168.00	7.50	153.00	10.481
8280	168.00	18.00	132.00	22.902
8278	168.30	7.11	154.08	9.721
8279	168.30	10.97	146.36	14.640
8289	170.00	10.00	150.00	13.572
8064	172.00	10.00	152.00	13.741
8067	172.00	17.00	138.00	22.351
8092	173.00	24.00	125.00	30.333
8093	180.00	15.00	150.00	20.994
8035	184.00	5.50		8.328
8034	195.00	13.50	168.00	20.784
8247	202.00	16.00	170.00	25.243
8039	220.00	17.00		29.272
9000	224.00	13.50	197.00	24.105
8134	225.00	16.50	192.00	29.181
8097	225.00	25.00	175.00	42.411