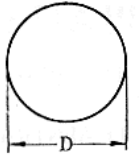


MILD STEEL ROUND BARS

Size	Diameter		Weight			Sectional Area		Moment of Inertia	Radius of Gyration	Modulus of Section
	mm	in	kg/m	kg/ft	lb/ft	cm ²	in ²	I	i	S
6	6	.236	.222	.0677	.149	.2827	.04382	.0002	.0591	.0012
7	7	.276	.302	.0921	.203	.3848	.05964	.0002	.0709	.0018
8	8	.315	.395	.120	.265	.5027	.07792	.0005	.0787	.0031
9	9	.354	.499	.152	.335	.6362	.09861	.0007	.0906	.0043
10	10	.394	.617	.188	.415	.7854	.1217	.0012	.0984	.0061
11	11	.433	.746	.227	.501	.9503	.1473	.0017	.110	.0079
12	12	.472	.888	.271	.597	1.131	.1753	.0024	.118	.0104
13	13	.512	1.04	.318	.699	1.327	.2057	.0034	.130	.0134
14	14	.551	1.21	.368	.813	1.539	.2385	.0046	.138	.0165
15	15	.591	1.39	.423	.934	1.767	.2739	.0060	.150	.0201
16	16	.630	1.58	.481	1.062	2.011	.3117	.0077	.157	.0244
17	17	.669	1.78	.543	1.196	2.270	.3519	.0099	.169	.0293
18	18	.709	2.00	.609	1.344	2.545	.3945	.0125	.177	.0348
19	19	.748	2.23	.678	1.498	2.835	.4394	.0154	.189	.0409
20	20	.787	2.47	.752	1.660	3.142	.4870	.0190	.197	.0482
21	21	.827	2.72	.829	1.828	3.464	.5369	.0228	.209	.0555
22	22	.866	2.98	.910	2.002	3.801	.5892	.0276	.217	.0641
23	23	.906	3.26	.994	2.191	4.155	.6440	.0329	.228	.0726
24	24	.945	3.55	1.08	2.385	4.524	.7012	.0392	.236	.0830
25	25	.984	3.85	1.17	2.587	4.909	.7609	.0461	.248	.0934
26	26	1.024	4.17	1.27	2.802	5.309	.8229	.0538	.256	.106
27	27	1.063	4.49	1.37	3.017	5.726	.8875	.0627	.268	.118
28	28	1.102	4.83	1.47	3.246	6.158	.9545	.0726	.276	.132
29	29	1.142	5.18	1.58	3.481	6.605	1.024	.0834	.287	.146
30	30	1.181	5.55	1.69	3.729	7.069	1.096	.0956	.295	.162
31	31	1.220	5.93	1.81	3.985	7.548	1.170	.109	.307	.179
32	32	1.260	6.31	1.92	4.240	8.042	1.247	.124	.315	.196
34	34	1.339	7.13	2.17	4.791	9.079	1.407	.158	.335	.236
35	35	1.378	7.55	2.30	5.073	9.621	1.491	.177	.346	.257
36	36	1.417	7.99	2.44	5.369	10.18	1.578	.198	.354	.279
38	38	1.496	8.90	2.71	5.981	11.34	1.758	.245	.374	.329
40	40	1.575	9.87	3.01	6.632	12.57	1.948	.303	.394	.383



MILD STEEL ROUND BARS

Size	Diameter		Weight			Sectional Area		Moment of Inertia	Radius of Gyration	Modulus of Section
	mm	in	kg/m	kg/ft	lb/ft	cm ²	in ²	I	i	S
								in ⁴	in	in ³
42	42	1.654	10.9	3.31	7.324	13.85	2.147	.368	.413	.444
44	44	1.732	11.9	3.64	7.996	15.21	2.358	.442	.433	.510
46	46	1.811	13.0	3.98	8.736	16.62	2.576	.529	.453	.583
48	48	1.890	14.2	4.33	9.542	18.10	2.805	.627	.472	.665
50	50	1.969	15.4	4.70	10.35	19.63	3.043	.738	.492	.751
55	55	2.165	18.7	5.69	12.57	23.76	3.683	1.079	.543	.995
60	60	2.362	22.2	6.77	14.92	28.27	4.382	1.528	.591	1.294
65	65	2.559	26.0	7.94	17.47	33.18	5.143	2.105	.642	1.648
70	70	2.756	30.2	9.21	20.29	38.48	5.964	2.835	.689	2.056
75	75	2.953	34.7	10.6	23.32	44.18	6.848	3.724	.740	2.526
80	80	3.150	39.5	12.0	26.54	50.27	7.792	4.829	.787	3.069
85	85	3.346	44.5	13.6	29.90	56.75	8.796	6.150	.839	3.680
90	90	3.543	49.9	15.2	33.53	63.62	9.861	7.736	.886	4.369
95	95	3.740	55.6	17.0	37.36	70.88	10.99	9.610	.937	5.138
100	100	3.937	61.7	18.8	41.46	78.54	12.17	11.795	.984	5.992
105	105	4.134	68.0	20.7	45.69	86.59	13.42	14.342	1.035	6.957
110	110	4.331	74.6	22.7	50.13	95.03	14.73	17.273	1.083	7.994
115	115	4.528	81.6	24.9	54.83	103.9	16.10	20.637	1.134	9.092
120	120	4.724	88.8	27.1	59.67	113.1	17.53	24.504	1.181	10.374
125	125	4.921	96.3	29.4	64.71	122.7	19.02	28.829	1.232	11.716
130	130	5.118	104	31.8	69.89	132.7	20.57	33.634	1.28	13.181
135	135	5.315	112	34.2	75.26	143.1	22.18	39.159	1.331	14.768
140	140	5.512	121	36.8	81.31	153.9	23.85	45.405	1.378	16.415
145	145	5.709	130	39.5	87.36	165.1	25.59	52.132	1.429	18.246
150	150	5.906	139	42.3	93.40	176.7	27.39	59.820	1.476	20.199
160	160	6.299	158	48.1	106.2	201.1	31.17	77.357	1.575	24.531
170	170	6.693	178	54.3	119.6	227.0	35.19	98.498	1.673	29.431
180	180	7.087	200	60.9	134.4	254.5	39.45	123.72	1.772	34.966
190	190	7.480	223	67.8	149.9	283.5	43.94	153.75	1.870	41.068
200	200	7.874	247	75.2	166.0	314.2	48.70	188.59	1.969	47.903