

Andron Stainless Corporation

Theoretical Weights for Stainless Steel Round Bar

Diameter in Inches	Estimated Weight in Pounds			Diameter in Inches	Estimated Weight in Pounds			Diameter in Inches	Estimated Weight in Pounds		
	Per Inch	Per Foot	12 Ft. Bar		Per Inch	Per Foot	12 Ft. Bar		Per Inch	Per Foot	12 Ft. Bar
1/16	0.001	0.011	0.13	0.885	0.180	2.155	25.9	3 3/8	2.612	31.35	376.2
5/64	0.001	0.017	0.20	57/64	0.182	2.183	26.2	3 7/16	2.710	32.52	390.2
3/32	0.002	0.024	0.29	29/32	0.188	2.260	27.1	3 1/2	2.809	33.71	404.5
7/64	0.003	0.033	0.40	15/16	0.202	2.419	29.0	3.520	2.842	34.10	409.2
1/8	0.004	0.043	0.52	0.9425	0.204	2.445	29.3	3.530	2.858	34.29	411.5
0.130	0.004	0.047	0.56	31/32	0.215	2.583	31.0	3 5/8	3.014	36.16	434.0
9/64	0.005	0.054	0.65	1.0	0.229	2.752	33.0	3 11/16	3.118	37.42	449.1
5/32	0.006	0.067	0.81	1.005	0.232	2.780	33.4	3 3/4	3.225	38.70	464.4
11/64	0.007	0.081	0.98	1.010	0.234	2.807	33.7	3.770	3.260	39.11	469.4
3/16	0.008	0.097	1.16	1 1/64	0.237	2.839	34.1	3 7/8	3.444	41.32	495.9
0.1925	0.008	0.102	1.22	1.020	0.239	2.863	34.4	3 15/16	3.556	42.67	512.0
0.1975	0.009	0.107	1.29	1 1/16	0.259	3.107	37.3	4.0	3.669	44.03	528.4
13/64	0.009	0.114	1.36	1 3/32	0.274	3.292	39.5	4.020	3.706	44.47	533.7
7/32	0.011	0.132	1.58	1 1/8	0.290	3.483	41.8	4.030	3.725	44.70	536.3
15/64	0.013	0.151	1.81	1.135	0.295	3.545	42.5	4 1/8	3.902	46.83	561.9
1/4	0.014	0.172	2.06	1 9/64	0.298	3.580	43.0	4 1/4	4.142	49.71	596.5
0.255	0.015	0.179	2.15	1.145	0.301	3.608	43.3	4 3/8	4.390	52.68	632.1
0.260	0.016	0.186	2.23	1 5/32	0.307	3.679	44.2	4 7/16	4.516	54.19	650.3
17/64	0.016	0.194	2.33	1 3/16	0.323	3.881	46.6	4 1/2	4.644	55.73	668.7
9/32	0.018	0.218	2.61	1 1/4	0.358	4.300	51.6	4.530	4.706	56.47	677.7
19/64	0.020	0.243	2.91	1.260	0.364	4.369	52.4	4 5/8	4.906	58.87	706.4
5/16	0.022	0.269	3.23	1 17/64	0.367	4.408	52.9	4 3/4	5.174	62.09	745.1
0.3175	0.023	0.277	3.33	1.275	0.373	4.474	53.7	4 7/8	5.450	65.40	784.8
0.3225	0.024	0.286	3.43	1 9/32	0.376	4.518	54.2	4 15/16	5.591	67.09	805.1
21/64	0.025	0.296	3.56	1 5/16	0.395	4.741	56.9	5.0	5.733	68.80	825.6
11/32	0.027	0.325	3.90	1 3/8	0.434	5.203	62.4	5 1/8	6.024	72.28	867.4
23/64	0.030	0.355	4.27	1.385	0.440	5.279	63.3	5 1/4	6.321	75.85	910.2
3/8	0.032	0.387	4.64	1 13/32	0.454	5.442	65.3	5 3/8	6.626	79.51	954.1
0.380	0.033	0.397	4.77	1 7/16	0.474	5.687	68.2	5 7/16	6.781	81.37	976.4
0.385	0.034	0.408	4.90	1 1/2	0.516	6.192	74.3	5 1/2	6.937	83.25	999.0
25/64	0.035	0.420	5.04	1.510	0.523	6.275	75.3	5 5/8	7.256	87.08	1044.9
13/32	0.038	0.454	5.45	1 17/32	0.538	6.453	77.4	5 3/4	7.582	90.99	1091.9
27/64	0.041	0.490	5.88	1 9/16	0.560	6.719	80.6	5 15/16	8.085	97.02	1164.2
7/16	0.044	0.527	6.32	1 5/8	0.606	7.267	87.2	6.0	8.256	99.07	1188.9
0.4425	0.045	0.539	6.47	1 11/16	0.653	7.837	94.0	6 1/8	8.604	103.24	1238.9
0.4475	0.046	0.551	6.61	1 3/4	0.702	8.428	101.1	6 1/4	8.958	107.50	1290.0
29/64	0.047	0.565	6.78	1.770	0.718	8.622	103.5	6 3/8	9.320	111.84	1342.1
15/32	0.050	0.605	7.26	1 13/16	0.753	9.041	108.5	6 1/2	9.689	116.27	1395.3
31/64	0.054	0.646	7.75	1 7/8	0.806	9.675	116.1	6 5/8	10.066	120.79	1449.5
1/2	0.057	0.688	8.26	1 15/16	0.861	10.33	124.0	6 3/4	10.449	125.39	1504.7
0.505	0.058	0.702	8.42	2.0	0.917	11.01	132.1	6 7/8	10.840	130.08	1560.9
0.510	0.060	0.716	8.59	2.020	0.936	11.23	134.8	7.0	11.237	134.85	1618.2
33/64	0.061	0.732	8.78	2 1/16	0.976	11.71	140.5	7 1/8	11.642	139.71	1676.5
17/32	0.065	0.777	9.32	2 1/8	1.036	12.43	149.1	7 1/4	12.054	144.65	1735.8
9/16	0.073	0.871	10.4	2 3/16	1.097	13.17	158.0	7 3/8	12.474	149.68	1796.2
0.5675	0.074	0.886	10.6	2 1/4	1.161	13.93	167.2	7 1/2	12.900	154.80	1857.6
0.5725	0.075	0.902	10.8	2.270	1.182	14.18	170.2	7 5/8	13.334	160.01	1920.1
0.5775	0.076	0.918	11.0	2 5/16	1.226	14.72	176.6	7 3/4	13.775	165.29	1983.5
37/64	0.077	0.920	11.0	2 3/8	1.294	15.52	186.3	7 7/8	14.222	170.67	2048.0
19/32	0.081	0.970	11.6	2 7/16	1.363	16.35	196.2	8.0	14.678	176.13	2113.6
5/8	0.090	1.075	12.9	2 1/2	1.433	17.20	206.4	8 1/4	15.609	187.31	2247.7
0.630	0.091	1.092	13.1	2.520	1.456	17.48	209.7	8 1/2	16.570	198.83	2386.0
0.635	0.092	1.110	13.3	2 9/16	1.506	18.07	216.9	8 3/4	17.559	210.70	2528.4
0.640	0.094	1.127	13.5	2 5/8	1.580	18.96	227.6	9.0	18.576	222.91	2675.0
41/64	0.094	1.129	13.6	2 11/16	1.656	19.88	238.5	9 1/4	19.623	235.47	2825.7
21/32	0.099	1.185	14.2	2 3/4	1.734	20.81	249.7	9 1/2	20.698	248.37	2980.5
11/16	0.108	1.301	15.6	2.770	1.760	21.12	253.4	9 3/4	21.801	261.62	3139.4
0.6925	0.110	1.320	15.8	2 13/16	1.814	21.77	261.2	10.0	22.934	275.20	3302.4
23/32	0.118	1.422	17.1	2 7/8	1.896	22.75	273.0	10 1/2	25.284	303.41	3640.9
3/4	0.129	1.548	18.6	2 15/16	1.979	23.75	285.0	11.0	27.750	333.00	3996.0
0.755	0.131	1.569	18.8	3.0	2.064	24.77	297.2	11 1/2	30.330	363.96	4367.5
0.760	0.132	1.590	19.1	3.020	2.092	25.10	301.2	12.0	33.024	396.29	4755.5
49/64	0.134	1.613	19.4	3 1/16	2.151	25.81	309.7	12 1/2	35.834	430.01	5160.1
25/32	0.140	1.680	20.2	3 1/8	2.240	26.88	322.5	13.0	38.758	465.09	5581.1
13/16	0.151	1.817	21.8	3 3/16	2.330	27.96	335.5	13 1/2	41.797	501.56	6018.7
0.8175	0.153	1.839	22.1	3 1/4	2.422	29.07	348.8	14.0	44.950	539.40	6472.8
27/32	0.163	1.959	23.5	3.270	2.452	29.43	353.1	15.0	51.601	619.21	7430.5
7/8	0.176	2.107	25.3	3 5/16	2.516	30.20	362.4	16.0	58.710	704.52	8454.3
0.880	0.178	2.131	25.6								