

Diameter (inch)	Lbs Per Inch	Lbs Per Foot	Lbs Per 12 Ft. Bar
1/16	0.001	0.010	0.120
5/64	0.001	0.016	0.190
3/32	0.002	0.023	0.280
7/64	0.003	0.032	0.380
1/8	0.004	0.042	0.500
9/64	0.004	0.053	0.640
5/32	0.005	0.065	0.780
11/64	0.007	0.079	0.950
3/16	0.008	0.094	1.130
13/64	0.009	0.110	1.320
7/32	0.011	0.128	1.540
15/64	0.012	0.147	1.760
1/4	0.014	0.167	2.000
17/64	0.016	0.188	2.256
9/32	0.018	0.211	2.530
19/64	0.019	0.235	2.820
5/16	0.022	0.261	3.130
21/64	0.024	0.287	3.440
11/32	0.026	0.316	3.790



23/64	0.029	0.345	4.140
3/8	0.031	0.376	4.510
25/64	0.034	0.407	4.880
13/32	0.037	0.441	5.290
27/64	0.039	0.475	5.700
7/16	0.043	0.511	6.130
29/64	0.046	0.548	6.576
15/32	0.049	0.587	7.040
31/64	0.052	0.626	7.510
1/2	0.056	0.668	8.020
33/64	0.059	0.710	8.520
17/32	0.063	0.754	9.050
9/16	0.070	0.845	10.140
37/64	0.074	0.892	10.700
19/32	0.078	0.941	11.290
5/8	0.087	1.043	12.520
41/64	0.092	1.096	13.150
21/32	0.096	1.150	13.800
11/16	0.105	1.262	15.140
23/32	0.115	1.379	16.550
3/4	0.125	1.502	18.020



49/64	0.131	1.565	18.780
25/32	0.136	1.630	19.560
13/16	0.147	1.763	21.160
27/32	0.158	1.901	22.810
7/8	0.170	2.044	24.530
57/64	0.177	2.118	25.420
29/32	0.183	2.193	26.320
15/16	0.196	2.347	28.160
31/32	0.209	2.506	30.070
1	0.220	2.670	32.040
1/64	0.230	2.750	33.000
1/16	0.250	3.014	36.170
3/32	0.270	3.194	38.330
1/8	0.280	3.379	40.550
9/64	0.290	3.470	41.640
5/32	0.300	3.570	42.840
3/16	0.310	3.766	45.190
1/4	0.350	4.173	50.080
17/64	0.360	4.276	51.310
9/32	0.370	4.384	52.600



5/16	0.380	4.600	55.200	
3/8	0.420	5.049	60.590	
13/32	0.440	5.279	63.350	
7/16	0.460	5.518	66.220	
1/2	0.500	6.008	72.100	
17/32	0.520	6.261	75.130	
9/16	0.540	6.520	78.240	
5/8	0.590	7.051	84.610	
11/16	0.640	7.604	91.250	
3/4	0.680	8.178	98.140	
13/16	0.730	8.773	105.300	
7/8	0.780	9.388	112.700	
15/16	0.840	10.020	120.200	
2	0.890	10.680	128.200	
1/16	0.950	11.360	136.300	
1/8	1.010	12.060	144.700	
3/16	1.070	12.780	153.400	
1/4	1.130	13.520	162.200	
5/16	1.190	14.280	171.400	
3/8	1.260	15.060	180.700	



7/16	1.330	15.870	190.400
1/2	1.390	16.690	200.300
9/16	1.460	17.530	210.400
5/8	1.540	18.400	220.800
11/16	1.610	19.290	231.500
3/4	1.690	20.200	242.400
13/16	1.760	21.120	253.400
7/8	1.840	22.070	264.800
15/16	1.920	23.040	276.500
3	2.010	24.030	288.400
1/16	2.090	25.050	300.600
1/8	2.180	26.080	312.900
3/16	2.270	27.130	325.600
1/4	2.360	28.210	338.500
5/16	2.450	29.300	351.600
3/8	2.540	30.420	365.000
7/16	2.640	31.550	378.600
1/2	2.730	32.710	392.500
5/8	2.930	35.090	421.100
11/16	3.030	36.310	435.700
3/4	3.140	37.550	450.600



7/8	3.350	40.100	481.200
15/16	3.450	41.400	496.800
4	3.560	42.730	512.600
1/8	3.790	45.430	545.200
1/4	4.020	48.230	578.700
3/8	4.260	51.110	613.300
7/16	4.390	52.580	630.900
1/2	4.510	54.070	648.900
5/8	4.760	57.120	685.400
3/4	5.030	60.250	723.000
7/8	5.290	63.450	761.000
15/16	5.420	65.100	781.200
5	5.560	66.750	801.100
1/8	5.840	70.130	841.600
1/4	6.130	73.600	883.200
3/8	6.430	77.150	925.700
7/16	6.600	78.950	947.400
1/2	6.730	80.770	969.200
5/8	7.040	84.480	1013.800
3/4	7.360	88.290	1059.000
15/16	7.840	94.140	1130.000



6	8.010	96.120	1153.500	
1/8	8.350	100.200	1202.400	
1/4	8.710	104.300	1252.000	
1/2	9.400	112.800	1353.800	
3/4	10.140	121.700	1460.000	
7	10.900	130.800	1570.800	
1/4	11.700	140.400	1684.100	
1/2	12.520	150.200	1802.200	
3/4	13.360	160.400	1924.400	
8	14.240	170.900	2050.600	
1/4	15.140	181.700	2180.700	
1/2	16.080	192.900	2315.000	
3/4	17.040	204.500	2453.100	
9	18.020	216.300	2595.200	
1/4	19.040	228.500	2741.400	
1/2	20.080	241.000	2891.600	
3/4	21.150	253.800	3045.800	
10	22.250	267.000	3204.000	
1/2	24.530	294.400	3532.400	
11	26.920	324.000	3876.800	
1/2	29.430	354.000	4237.300	



12	32.040	384.480	4613.760
1/2	34.770	417.200	5006.200
13	37.600	451.230	5414.760
1/2	40.550	487.000	5839.300
14	43.610	523.320	3279.840
15	50.060	601.000	7209.000
16	56.960	684.000	8202.200