

# SQUARE AND ROUND BARS

## Weight and area

Size Inches	Weight		Area		Size Inches	Weight		Area	
	Lb. per Foot	Square Inches	Square Inches	Area		Lb. per Foot	Square Inches	Square Inches	Area
0					3	30.60	7.069	9.000	7.069
1/16	.013	.0039	.0031	9.000	3/16	31.89	7.366	9.379	7.366
1/8	.053	.0156	.0123	9.766	1/4	33.20	7.670	10.160	7.670
3/16	.120	.0352	.0276	10.160	5/16	34.54	7.980	10.563	7.980
1/4	.213	.0625	.0491	10.563	3/8	35.91	8.296	10.973	8.296
5/16	.332	.0977	.0767	10.973	1/2	37.31	8.618	11.391	8.618
3/8	.478	.1406	.1105	11.391	5/8	38.73	8.948	11.816	8.948
7/16	.651	.1914	.1503	11.816	3/4	40.18	9.281	12.250	9.281
1/2	.850	.2500	.1963	12.250	7/8	41.65	9.621	12.691	9.621
5/8	1.076	.3164	.2485	12.691	1	43.15	9.968	13.141	9.968
3/4	1.328	.3906	.3068	13.141	1 1/16	44.68	10.321	13.598	10.321
7/8	1.607	.4727	.3712	13.598	1 1/8	46.23	10.680	14.063	10.680
1	1.913	.5625	.4418	14.063	1 1/4	47.81	11.045	14.535	11.045
1 1/16	2.245	.6602	.5185	14.535	1 1/2	49.42	11.416	15.016	11.416
1 1/8	2.603	.7656	.6013	15.016	1 3/8	51.05	11.793	15.504	11.793
1 1/4	2.988	.8789	.6933	15.504	1 1/2	52.71	12.177	16.000	12.177
1 1/2	3.400	1.0000	.7854	16.000	1 3/4	54.40	12.566	16.504	12.566
1 3/8	3.838	1.1289	.8866	16.504	1 7/8	56.11	12.962	17.016	12.962
1 1/2	4.303	1.2656	.9940	17.016	2	57.85	13.364	17.535	13.364
1 3/4	4.795	1.4102	1.1075	17.535	2 1/8	59.62	13.772	18.063	13.772
1 7/8	5.313	1.5625	1.2272	18.063	2 1/4	61.41	14.186	18.598	14.186
2	5.857	1.7221	1.3530	18.598	2 1/2	63.23	14.616	19.141	14.616
2 1/8	6.428	1.8906	1.4849	19.141	2 3/8	65.08	15.033	19.691	15.033
2 1/4	7.026	2.0664	1.6230	19.691	2 1/2	66.95	15.466	20.250	15.466
2 3/8	7.650	2.2500	1.7671	20.250	2 5/8	68.85	15.904	20.816	15.904
2 1/2	8.301	2.4414	1.9175	20.816	2 3/4	70.78	16.349	21.391	16.349
2 5/8	8.978	2.6406	2.0739	21.391	2 7/8	72.73	16.800	21.973	16.800
2 3/4	9.682	2.8477	2.2365	21.973	3	74.71	17.257	22.563	17.257
2 7/8	10.413	3.0625	2.4053	22.563	3 1/8	76.71	17.721	23.160	17.721
3	11.170	3.2852	2.5802	23.160	3 1/4	78.74	18.190	23.766	18.190
3 1/8	11.953	3.5156	2.7612	23.766	3 1/2	80.80	18.665	24.379	18.665
3 1/4	12.763	3.7539	2.9483	24.379	3 3/8	82.89	19.147	24.999	19.147
3 1/2	13.600	4.0000	3.1416	25.000	3 1/2	85.00	19.635	25.629	19.635
3 3/8	14.463	4.2539	3.3410	25.629	3 5/8	87.14	20.129	26.266	20.129
3 1/2	15.353	4.5156	3.5466	26.266	3 3/4	89.30	20.629	26.910	20.629
3 3/4	16.270	4.7852	3.7583	26.910	3 7/8	91.49	21.135	27.563	21.135
3 1/2	17.213	5.0625	3.9761	27.563	4	93.71	21.648	28.223	21.648
3 5/8	18.182	5.3477	4.2000	28.223	4 1/8	95.96	22.166	28.891	22.166
3 3/4	19.178	5.6406	4.4301	28.891	4 1/4	98.23	22.691	29.566	22.691
3 7/8	20.201	5.9416	4.6664	29.566	4 1/2	100.53	23.221	30.250	23.221
4	21.250	6.2500	4.9087	30.250	4 3/8	102.85	23.758	30.941	23.758
4 1/8	22.326	6.5664	5.1572	30.941	4 1/2	105.20	24.301	31.641	24.301
4 1/4	23.428	6.8906	5.4119	31.641	4 3/4	107.58	24.850	32.348	24.850
4 1/2	24.557	7.2227	5.6727	32.348	4 5/8	109.98	25.406	33.063	25.406
4 3/8	25.713	7.5625	5.9396	33.063	4 3/4	112.41	25.967	33.785	25.967
4 1/2	26.895	7.9102	6.2126	33.785	4 7/8	114.87	26.535	34.516	26.535
4 3/4	28.103	8.2656	6.4918	34.516	5	117.35	27.109	35.254	27.109
4 5/8	29.338	8.6289	6.7711	35.254	5 1/8	119.86	27.688	36.000	27.688
4 3/4	30.600	9.0000	7.0686	36.000	5 1/4	122.40	28.274		

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Size Inches	Weight		Area		Size Inches	Weight		Area	
	Lb. per Foot	Square Inches	Square Inches	Area		Lb. per Foot	Square Inches	Square Inches	Area
6	122.40	96.13	28.274	81.000	9	275.40	216.30	63.617	81.000
5/16	124.96	98.15	28.866	82.129	1 1/8	279.24	219.31	64.504	82.129
3/8	127.55	100.18	29.465	83.266	1 1/4	283.10	222.35	65.397	83.266
7/16	130.17	102.23	30.069	84.410	1 3/8	286.99	225.41	66.296	84.410
1/4	132.81	104.31	30.680	85.563	1 1/2	290.91	228.48	67.201	85.563
5/16	135.48	106.41	31.296	86.723	1 5/8	294.86	231.58	68.112	86.723
3/8	138.18	108.53	31.919	87.891	1 3/4	298.83	234.70	69.029	87.891
7/16	140.90	110.66	32.548	89.066	1 7/8	302.83	237.84	69.953	89.066
1/2	143.65	112.82	33.183	90.250	2	306.85	241.00	70.882	90.250
5/16	146.43	115.00	33.824	91.441	2 1/8	310.90	244.18	71.818	91.441
3/8	149.23	117.20	34.472	92.641	2 1/4	314.98	247.38	72.760	92.641
7/16	152.06	119.43	35.125	93.848	2 3/8	319.08	250.61	73.708	93.848
1/2	154.91	121.67	35.785	95.063	2 1/2	323.21	253.85	74.662	95.063
5/16	157.79	123.93	36.450	96.285	2 5/8	327.37	257.12	75.622	96.285
3/8	160.70	126.22	37.122	97.516	2 3/4	331.55	260.40	76.589	97.516
7/16	163.64	128.52	37.800	98.754	2 7/8	335.76	263.71	77.561	98.754
1/2	166.60	130.85	38.485	100.000	3	340.00	267.04	78.540	100.000
5/16	169.59	133.19	39.175	101.254	3 1/8	344.26	270.38	79.525	101.254
3/8	172.60	135.56	39.871	102.516	3 1/4	348.55	273.75	80.516	102.516
7/16	175.64	137.95	40.574	103.785	3 1/2	352.87	277.14	81.513	103.785
1/2	178.71	140.36	41.282	105.063	3 3/8	357.21	280.55	82.516	105.063
5/16	181.81	142.79	41.997	106.348	3 1/2	361.58	283.99	83.525	106.348
3/8	184.93	145.24	42.718	107.641	3 5/8	365.98	287.44	84.541	107.641
7/16	188.07	147.71	43.445	108.941	3 3/4	370.40	290.91	85.563	108.941
1/2	191.25	150.21	44.179	110.250	3 1/2	374.85	294.41	86.590	110.250
5/16	194.45	152.72	44.918	111.566	3 3/4	379.33	297.92	87.624	111.566
3/8	197.68	155.26	45.664	112.891	3 5/8	383.83	301.46	88.664	112.891
7/16	200.93	157.81	46.415	114.223	3 3/4	388.36	305.02	89.710	114.223
1/2	204.21	160.39	47.173	115.563	3 1/2	392.91	308.59	90.763	115.563
5/16	207.52	162.99	47.937	116.910	3 5/8	397.49	312.19	91.821	116.910
3/8	210.85	165.60	48.707	118.266	3 1/2	402.10	315.81	92.886	118.266
7/16	214.21	168.24	49.483	119.629	3 3/4	406.74	319.45	93.957	119.629
1/2	217.60	170.90	50.265	121.000	3 3/4	411.40	323.11	95.033	121.000
5/16	221.01	173.58	51.054	122.379	3 5/8	416.09	326.80	96.116	122.379
3/8	224.45	176.29	51.849	123.766	3 1/2	420.80	330.50	97.205	123.766
7/16	227.92	179.01	52.649	125.160	3 3/4	425.54	334.22	98.301	125.160
1/2	231.41	181.75	53.456	126.563	3 3/4	430.31	337.97	99.402	126.563
5/16	234.93	184.52	54.269	127.973	3 5/8	435.11	341.73	100.510	127.973
3/8	238.48	187.30	55.088	129.391	3 1/2	439.93	345.52	101.623	129.391
7/16	242.05	190.11	55.914	130.816	3 3/4	444.78	349.33	102.743	130.816
1/2	245.65	192.93	56.745	132.250	3 3/4	449.65	353.16	103.869	132.250
5/16	249.28	195.78	57.583	133.691	3 5/8	454.55	357.00	105.001	133.691
3/8	252.93	198.65	58.426	135.141	3 1/2	459.48	360.87	106.139	135.141
7/16	256.61	201.54	59.276	136.598	3 3/4	464.43	364.76	107.284	136.598
1/2	260.31	204.45	60.132	138.063	3 3/4	469.41	368.68	108.434	138.063
5/16	264.04	207.38	60.994	139.535	3 5/8	474.42	372.61	109.591	139.535
3/8	267.80	210.33	61.863	141.016	3 1/2	479.45	376.56	110.754	141.016
7/16	271.59	213.31	62.737	142.504	3 3/4	484.51	380.54	111.923	142.504
1/2	275								