

ALLOY & STAINLESS FASTENERS

ROUND BAR WEIGHTS

(Approximate Weight in Pounds)

INCHES	PER INCH	PER FOOT	12 FT. BAR	INCHES	PER INCH	PER FOOT	12 FT. BAR
1/16	.001	.010	.12	11/16	1.61	19.29	231.5
1/8	.004	.042	.50	3/4	1.69	20.20	242.4
3/16	.008	.094	1.13	13/16	1.76	21.12	253.4
1/4	.014	.167	2.00	7/8	1.84	22.07	264.8
5/16	.022	.261	3.13	15/16	1.92	23.04	276.5
3/8	.031	.376	4.51	3	2.01	24.03	288.4
7/16	.043	.511	6.13	1/8	2.18	26.08	312.9
1/2	.056	.668	8.02	1/4	2.36	28.21	338.5
9/16	.070	.845	10.14	3/8	2.54	30.42	365.0
5/8	.087	1.043	12.52	1/2	2.73	32.71	392.5
11/16	.105	1.262	15.14	5/8	2.93	35.09	421.1
3/4	.125	1.502	18.02	3/4	3.14	37.55	450.6
13/16	.147	1.763	21.16	7/8	3.35	40.10	481.2
7/8	.170	2.044	24.53	4	3.56	42.73	512.6
15/16	.196	2.347	28.16	1/8	3.79	45.43	545.2
1	.22	2.670	32.04	1/4	4.02	48.23	578.7
1/16	.25	3.014	36.17	3/8	4.26	51.11	613.3
1/8	.28	3.379	40.55	1/2	4.51	54.07	648.9
3/16	.31	3.766	45.19	5/8	4.76	57.12	685.4
1/4	.35	4.173	50.08	3/4	5.03	60.25	723.0
5/16	.38	4.600	55.20	7/8	5.29	63.45	761.5
3/8	.42	5.049	60.59	5	5.56	66.75	801.1
7/16	.46	5.518	66.22	1/8	5.84	70.13	841.6
1/2	.50	6.008	72.10	1/4	6.13	73.60	883.2
9/16	.54	6.520	78.24	3/8	6.43	77.15	925.7
5/8	.59	7.051	84.61	1/2	6.73	80.77	969.2
11/16	.64	7.604	91.25	5/8	7.04	84.48	1013.8
3/4	.68	8.178	98.14	3/4	7.36	88.29	1059.0
13/16	.73	8.773	105.30	6	8.01	96.12	1153.5
7/8	.78	9.388	112.70	1/8	8.35	100.2	1202.4
15/16	.84	10.02	120.20	1/4	8.71	104.3	1252.
2	.89	10.68	128.2	1/2	9.40	112.8	1353.8
1/16	.95	11.36	136.3	3/4	10.14	121.7	1460.
1/8	1.01	12.06	144.7	7	10.90	130.8	1570.8
3/16	1.07	12.78	153.4	1/4	11.70	140.4	1684.1
1/4	1.13	13.52	162.2	1/2	12.52	1502.0	1802.2
5/16	1.19	14.28	171.4	8	14.24	170.9	2050.6
3/8	1.26	15.06	180.7				
7/16	1.33	15.87	190.4				
1/2	1.39	16.69	200.3				
9/16	1.46	17.53	210.4				
5/8	1.54	18.40	220.8				

WEIGHT CONVERSION TABLE

MATERIALS	CONVERSION FACTOR	MATERIALS	CONVERSION FACTOR	MATERIALS	CONVERSION FACTOR
Type 304 Stainless Steel	1.011	Phosphor Bronze	1.124	Inconel*	1.085
Type 316 Stainless Steel	1.011	Manganese Bronze	1.067	Aluminum	0.353
Type 410 Stainless Steel	0.989	Aluminium Bronze	1.042	Titanium Alloy	0.576
Leaded Brass (Free Cutting Brass)	1.085	Copper	1.145	Hastelloy C**	1.146
Cold Heading Brass (Yellow Brass)	1.082	Cupro Nicket	1.141	Hastelloy B**	1.187
Naval Brass	1.074	Monel Metal	1.127		
Low Silicon Bronze	1.117	K-Monel Metal	1.082		
High Silicon Bronze	1.088				

* TRADEMARK OF INTERNATIONAL NICKEL CORP.
** TRADEMARK OF CABOT CORP.

NOTE: The weights listed are estimated on regular steel. To obtain the approximate weight for round bar in another material, multiply the weight per foot shown by the conversion factor for the desired material listed in the 'Weight Conversion Table'.