

ROUND BAR WEIGHTS

ESTIMATED WEIGHT, LBS.				ESTIMATED WEIGHT, LBS.			
SIZE IN INCHES	PER INCH	PER FOOT	12 FT. BAR	SIZE IN 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	.147	1.763	21.16	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	6	8.01	96.12	1153.5
15/16	.196	2.347	28.16	1/8	8.35	100.2	1202.4
2	.89	10.68	128.2	1/4	8.71	104.3	1252.
1/16	.95	11.36	136.3	1/2	9.40	112.8	1353.8
1/8	1.01	12.06	144.7	3/4	10.14	121.7	1460.
3/16	1.07	12.78	153.4	7	10.90	130.8	1570.8
1/4	1.13	13.52	162.2	1/4	11.70	140.4	1684.1
5/16	1.19	14.28	171.4	1/2	12.52	1502.0	1802.2
3/8	1.26	15.06	180.7	8	14.24	170.9	2050.6
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 above are estimated on regular steel. To obtain the approximate weight from heavy hex bolts in another material, multiply the weight per 100 pieces shown above by the conversion factor for the desired material listed in "Weight Conversion Table".