



Toll Free: 866-822-7758 Fax: 610-430-3588

Torque Values

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Nominal Diameter	18-8 SS	Brass	Silicon Bronze	2024-T4 Alum.	316 SS	Alloy 400
2-56	2.5	2.0	2.3	1.4	2.6	2.5
2-64	3.0	2.5	2.8	1.7	3.2	3.1
3-48	3.9	3.2	3.6	2.1	4.0	4.0
3-56	4.4	3.6	4.1	2.4	4.6	4.5
4-40	5.2	4.3	4.8	2.9	5.5	5.3
4-48	6.6	5.4	6.1	3.6	6.9	6.7
5-40	7.7	6.3	7.1	4.2	8.1	7.8
5-44	9.4	7.7	8.7	5.1	9.8	9.6
6-32	9.6	7.9	8.9	5.3	10.1	9.8
6-40	12.1	9.9	11.2	6.6	12.7	12.3
8-32	19.8	16.2	18.4	10.8	20.7	20.2
8-36	22.0	18.0	20.4	12.0	23.0	22.4
10-24	22.8	18.6	21.2	13.8	23.8	25.9
10-32	31.7	25.9	29.3	19.2	33.1	34.9
1/4-20	75.2	61.5	68.8	45.6	78.8	85.3
1/4-28	94	77.0	87.0	57.0	99.0	106
5/16-18	132	107	123	80.0	138	149
5/16-24	142	116	131	86.0	147	160
3/8-16	236	192	219	143	247	266
3/8-24	259	212	240	157	271	294
7/16-14	376	317	349	228	393	427
7/16-20	400	327	371	242	418	451
1/2-13	517	422	480	313	542	584



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Nominal Diameter	18-8 SS	Brass	Silicon Bronze	2024-T4 Alum.	316 SS	Alloy 400
1/2-20	541	443	502	328	565	613
9/16-12	582	558	632	413	713	774
9/16-18	752	615	697	456	787	855
5/8-11	1110	907	1030	715	1160	1330
5/8-18	1244	1016	1154	798	1301	1482
3/4-10	1530	1249	1416	980	1582	1832
3/4-16	1490	1220	1382	958	1558	1790
7/8-9	2328	1905	2140	1495	2430	2775
7/8-14	2318	1895	2130	1490	2420	2755
1-8	3400	2815	3185	2205	3595	4130
1-14	3100	2545	2885	1995	3250	3730
	foot lbs	foot lbs	foot lbs	foot lbs	foot lbs	foot lbs
1 1/8-7	413	337	383	265	432	499
1 1/8-12	390	318	361	251	408	470
1 1/4-7	523	428	485	336	546	627
1 1/4-12	480	394	447	308	504	575
1 1/2-6	888	727	822	570	930	1064
1 1/2-12	703	575	651	450	732	840

Note: Torque values complied above are suggested maximums. Data was derived from actual testing on dry or near dry fasteners. All values above are advisory only and their use by anyone is entirely voluntary.