Bolt Torque Chart

Grade 8 Bolt Drill & Torque Chart in foot pounds			
Tap Drill Size	Decimal Equivalent	Torque - FT LBS. Dry	Torque - FT LBS. Lubricated
#7	.201	12	9
#3	.213	14	10
F	.257	25	18
1	.272	25	20
5/16	.3125	45	35
Q	.332	50	35
U	.368	70	55
25/64	.3906	80	60
27/64	.4219	110	80
29/64	.4531	120	90
31/64	.4844	150	110
33/64	.5156	170	130
17/32	.5312	220	170
37/64	.5781	240	180
21/32	.6562	380	280
11/16	.6875	420	320
49/64	.7656	600	460
13/16	.8125	660	500
7/8	.875	900	680
59/64	.9219	1000	740
15/16	.9375	1020	760
	#7 #3 F I 5/16 Q U 25/64 27/64 29/64 31/64 33/64 17/32 37/64 21/32 11/16 49/64 13/16 7/8 59/64	Tap Drill Size Decimal Equivalent #7 .201 #3 .213 F .257 I .272 5/16 .3125 Q .332 U .368 25/64 .3906 27/64 .4219 29/64 .4531 31/64 .4844 33/64 .5156 17/32 .5312 37/64 .5781 21/32 .6562 11/16 .6875 49/64 .7656 13/16 .8125 7/8 .875 59/64 .9219	Tap Drill Size Decimal Equivalent Torque - FT LBS. Dry #7 .201 12 #3 .213 14 F .257 25 I .272 25 5/16 .3125 45 Q .332 50 U .368 70 25/64 .3906 80 27/64 .4219 110 29/64 .4531 120 31/64 .4844 150 33/64 .5156 170 17/32 .5312 220 37/64 .5781 240 21/32 .6562 380 11/16 .6875 420 49/64 .7656 600 13/16 .8125 660 7/8 .875 900 59/64 .9219 1000

Tap Drills: Allow Approximately 75% Full Thread

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