

# DANSMC BOLT TORQUE GUIDE

Use as a Very Loose & Goey guide only.

For best results

**Check your Shop Manual !**

## US Bolts

Maximum Torque, in foot-pounds, for clean, dry threads

Bolt size - Thread pitch	Grade 2	Grade 5	Grade 8
1/4-20	6	10	12
1/4-28	7	12	15
5/16-18	13	20	24
5/16-24	14	22	27
3/8-16	23	36	44
3/8-24	26	40	48
7/16-14	37	52	63
7/16-20	41	57	70
1/2-13	57	80	98
1/2-20	64	90	110
9/16-12	82	120	145
9/16-18	91	135	165
5/8-11	111	165	210
5/8-18	128	200	245
3/4-10	200	285	335
3/4-16	223	315	370

## Metric Bolts

Maximum Torque, in foot-pounds, for clean, dry threads

**Check your Shop Manual !**

Bolt size	Low Grade	Grade 8.8	Grade 10.9	Grade 12.9
6mm	3-5	7	10	12
8mm	8-12	17	24	29
10mm	15-22	33	47	57
12mm	39	59	83	100
14mm	60	101	131	158
16mm	60-94	146	202	247
18mm	60-130	201	283	340
20mm	166-188	285	401	482