TORQUE GUIDE IN NM

THE BOLTHOLDER LTD

www.theboltholder.co.nz

METRIC	CLASS 4.6	CLASS 8.8	CLASS 10.9	CLASS 12.9
M6	4	9	13	15
M8	9	22	32	37
M10	17	44	63	73
M12	30	77	109	128
M14	47	124	174	203
M16	74	190	270	316
M18	101	269	371	436
M20	144	372	528	620
M22	195	519	722	840
M24	249	640	914	1066
M27	362	967	1339	1561
M30	496	1314	1817	2124
M33	669	1782	2449	2884
M36	864	2297	3173	3708

1 POUND = 4.448 NEWTON
1 NEWTON = 0.224 POUND
1 KILOGRAM = 9.807 NEWTON
LBF/FT = 'FOOT POUND' OR FT/LB

1.36 x FT/LB = NM
NM ÷ 1.36 = FT/LB

ALWAYS REMEMBER THAT THE BEST METHOD FOR RETAINING A NUT ON A BOLT IS BY PROPER TIGHTENING.

TORQUE GUIDE IN FT/LB

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UNF	GRADE 5	GRADE 8	PLATED GRADE 9
1/4	8	12	12
5/16	16	23	20
3/8	31	43	35
7/16	48	67	60
1/2	73	104	95
9/16	105	149	135
5/8	150	207	190
3/4	260	363	330
7/8	409	577	520
1-12	607	859	
1-14 UNS	627	883	700
1 1/8	771	1251	1150
1 1/4	1075	1744	1600
1 3/8	1448	2349	
1 1/2	1900	3083	3300
UNC			
1/4	7	10	10
5/16	15	21	19
3/8	27	38	30
7/16	43	60	55
1/2	66	92	85
9/16	94	133	120
5/8	130	183	170
3/4	230	325	265
7/8	370	523	475
1	558	785	550
1 1/8	688	1116	1025
1 1/4	971	1573	1400
1 3/8	1272	2063	
1 1/2	1690	2738	2900

BSW	GRADE 2
1/4	3
5/16	6
3/8	12
7/16	19
1/2	28
5/8	55
3/4	98
7/8	150
1	230
1 1/8	320
1 1/4	450
1 3/8	615
1 1/2	780

THE TORQUE FIGURES QUOTED ARE BASED ON APPROXIMATELY 65% PROOFLOAD IN PLAIN AND DRY CONDITIONS AND ARE FOR GENERAL GUIDANCE ONLY.

TAINUI PRESS – MATAMATA