















SPECIFICATION

Square Drive	Bolt Capacity	Torque Range	Max Torque		Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	
Inch	Inch (mm)	FT-LB(Nm)	FT-LB	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s ²	
														
NC-8219	1"	1-7/16"(36)	200-1600(271-2170)	1800	2441	4000	11.0(311)	90(6.3)	12-13/32"(315)	21.6	9.84	1/2"	103.4	16.7



Ultimate Tensile Strength of Threaded Fasteners

Socket Size	Bolt Size	Bolt Strength Level					DIN 267
		4.6	6.8	8.8	10.9	12.9	
4.5 mm	M2	0.12	0.238	0.319	0.447	0.536	
5 mm	M2.5	0.245	0.487	0.65	0.915	1.1	
5.5 mm	M3	0.434	0.87	1.16	1.63	1.96	
6 mm	M3.5	0.683	1.37	1.82	2.56	3.08	
7 mm	M4	1.01	2.02	2.7	3.79	4.54	
8 mm	M5	2.04	4.09	5.47	7.67	9.18	
10 mm	M6	3.47	6.97	9.27	13	15.6	
11 mm	M7	5.85	11.6	15.5	21.8	26.2	
13 mm	M8	8.41	16.9	22.5	31.6	37.9	
17 mm	M10	16.7	33.4	44.5	62.6	75.2	
19 mm	M12	29.1	58.3	77.6	109	131	

Socket Size	Bolt Size	Bolt Strength Level					DIN 267
		4.6	6.8	8.8	10.9	12.9	
22 mm	M14	46.4	92.7	124	174	209	
24 mm	M16	72.3	145	194	271	325	
27 mm	M18	100	199	266	373	447	
30 mm	M20	141	282	376	529	635	
32 mm	M22	192	384	511	720	865	
36 mm	M24	244	488	650	915	1100	
41 mm	M27	358	713	951	1340	1610	
46 mm	M30	484	971	1290	1820	2180	
50 mm	M33	661	1320	1760	2470	2970	
55 mm	M36	848	1690	2260	3180	3810	
60 mm	M39	1100	2190	2920	4110	4930	