

General Tightening Torque Values

Thread Diameter	Property Class Values In Nm			
	Grade 4.6	Grade 8.8	Grade 10.9	Grade 12.9
M1.6			0.25	0.3
M2			0.5	0.6
M2.5			1	1
M3	0.51	1	1.4	1.7
M4	0.95	2.4	3.5	4
M5	2	4.8	6.9	8
M6	3.9	9.5	13.5	16
M8	9	23	33	39
M10	19	44	65	78
M12	32	81	115	138
M14	51	131	185	223
M16	79	203	282	339
M18	110	272	389	464
M20	156	382	540	650
M22	211	529	749	901
M24	270	677	1017	1143
M27	398	1012	1426	1717
M30	540	1332	1876	2248
M33		1806	2544	3053
M36		2329	3266	3928
M39		3012	4233	5088
M42		3714	5210	6293
M45		4600	6462	7764
M48		5556	7836	9261
M52		7124	10024	12213
M56		8884	12518	15306
M60		11093	15571	18726
M64		13434	18930	23306
M68		16284	23000	27275
M72		19337	27275	32568
M76		22797	32059	38470
M80		26766	37453	45289
M85		32568	45086	54449
M90		38470	52821	64728
M95		45391	63609	76331
M100		52932	74295	89562

THE ABOVE FIGURES ARE FOR GENERAL GUIDELINES ONLY

A TORQUE VALUE WILL BE INFLUENCED BY THE FASTENING METHOD AND TOOLS USED
THE ONLY WAY TO DETERMINE AN EXACT TORQUE VALUE IS BY ACTUAL APPLICATION

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