



Torque Values for A2 or A4 Metric Stainless Steel Fasteners

Bolt Dia (mm)	Torque (N-m)		Torque (in-lbs. through M10; M12 & over ft-lbs.)	
	Dry	Lubricated	Dry	Lubricated
3	1.0	0.9	8.9 in-lbs.	8.0 in-lbs.
4	2.6	2.3	23.0	20.7
5	5.1	4.6	45.1	40.6
6	8.7	7.8	77.0	69.3
8	21.2	19.1	188	169
10	42	38	372	335
12	73	66	54 ft-lbs.	48 ft-lbs.
14	118	106	87	78
16	180	162	133	119
18	258	232	190	171
20	370	333	273	246
22	485	437	358	322
24	603	543	445	400

Suggested Maximum Torquing Values - a guide based upon actual lab testing on dry or near dry fasteners wiped clean. The lubricated values were calculated at 90% of the dry condition test results. Values listed in N-m; in-lbs. up through M10, and foot-pounds for M12 and over.

Note: Stainless steel fasteners tend to gall while being tightened. The risk of galling or thread seizing can be reduced by:

- Using lubrication
- Tighten fasteners with low rpm's; without interruptions
- Apply only light pressure
- Avoid prevailing torque lock nuts when possible