

Metric Fastener Torque Guide

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

For maximum accuracy, use anti seize lubricant on the threads before setting the torque and do not exceed the torque in the table above. Most of the engine bolts on a Chinese scooter will be 8.8 or 10.9 grade. Other fasteners are generally low grade or grade 8.8