

Recommended Assembly Torques (Metric Bolts)

Recommended Assembly Torques Metric Bolts Class 4.6 and 8.8				
Diameter	Class 4.6 to AS 1111		Class 8.8 to AS 1110	
	Torque Nm	Bolt Tension KN	Torque Nm	Bolt Tension KN
M5	2.1	2.08	5	5.4
M6	3.5	2.94	9	7.6
M8	8.5	5.34	22	13.8
M10	17	8.45	44	21.9
M12	30	12.4	77	31.8
M14	47	16.8	121	43.4
M16	73	22.9	190	59.2
M18	101	28.1	269	74.8
M20	143	35.8	370	95.6
M22	195	44.3	520	118
M24	248	51.6	640	138
M27	362	67	955	177
M30	491	81.9	1310	219
M33	669	101	1785	270
M36	864	120	2300	319
M39	1115	143	2970	380

Bolt Tension Corresponding to 65% of Proof Load

100% NEW ZEALAND OWNED