Torque Settings

Recommended tightening torques for fastenings and hydraulic fittings

All fastenings (mild steel and stainless steel)

Torque values in newton-metres (Nm). Select the column that matches the bolt material and grade.

Thread size	Bolt type	High tensile steel		Stainless steel A2 & A4	Application / comments
		Grade 8.8	Grade 10.9		
M4	Standard bolt	2.4	N/A	N/A	Switch fixings
M5	Standard bolt	5	8	5	
	Serrated head	5	7	N/A	
M6	Standard bolt	11	14	12.5	
	Serrated head	9	14	12.5	
M8	Standard bolt	24	32	28	
	Serrated head	22	28	26	
M10	Standard bolt	57	65	60	
	Serrated head	50	60	N/A	
	Standard & serrated	80	85	N/A	Lift box tracking fasteners
M12	Standard bolt	99	115	N/A	
M16	Standard bolt / nut	N/A	43	40	Cam follower nuts
M20	Metric fine thread	N/A	50	47	Coach fitting bolts and cylinder extensions

Hydraulic fittings

Torque values in newton-metres (Nm) for BSP threaded hydraulic fittings.

Fitting size	Torque (Nm)	Comments
1/8" BSP	17	
1/4" BSP	30	
3/8" BSP	45	

Notes
All torque values are given in newton-metres (Nm).
N/A indicates that no value applies for that bolt type and material combination.