

Torque Specification

RECOMMENDED TIGHTENING TORQUE			
Diameter	Kgf·cm	N·m	lbf·in
M5	30.4±6.1	3.0±0.6	26.4±5.3
M6	51.7±10.3	5.1±1.0	44.9±9.0
M8	126±25	12.3±2.5	109±22
M10	249±50	24.4±4.9	216±43
M12	434±87	42.5±8.5	376±75

Base on internal test data as well as marketing wrench spec, we recommend the range of torque like below table.

RECOMMENDED TIGHTENING TORQUE						
Diameter	Kgf·cm		N·m		lbf·in	
	Min	Max	Min	Max	Min	Max
M5	24.3	36.5	2.40	3.60	21.1	31.7
M6	41.4	62.0	4.10	6.10	35.9	53.9
M8	101	151	9.80	14.8	86.9	131
M10	199	299	19.5	29.3	173	259
M12	347	521	34.0	51.0	301	451

CONVERSION TABLE

Unit	Kgf·cm	N·m	lbf·in
1 lbf·in	1.152	0.113	1.000
1 N·m	10.20	1.000	8.851
1 kgf·cm	1.000	0.098	0.868