

## Torque Specifications

| 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   |

| 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  |