

Typical Torque Values for Socket Head Cap Screws

| Nom. Size | Basic Screw Diameter | Torque Value (in-lb) UNC | Torque Value (in-lb) UNF |
|-----------|----------------------|--------------------------|--------------------------|
| 0 | .0600 | * | 2.6 |
| 1 | .0730 | 4.5 | 4.8 |
| 2 | .0860 | 7.5 | 8.0 |
| 3 | .0990 | 11.0 | 12.0 |
| 4 | .1112 | 16.0 | 18.0 |
| 5 | .1250 | 24.0 | 24.0 |
| 6 | .1380 | 30.0 | 34.0 |
| 8 | .1640 | 55.0 | 58.0 |
| 10 | .1900 | 79.0 | 90.0 |
| 1/4 | .2500 | 200.0 | 230.0 |
| 5/16 | .3125 | 415.0 | 460.0 |
| 3/8 | .3750 | 740.0 | 845.0 |
| 7/16 | .4375 | 1190.0 | 1305.0 |
| 1/2 | .5000 | 1800.0 | 2065.0 |
| 5/8 | .6250 | 3400.0 | 3800.0 |
| 3/4 | .7500 | 6000.0 | 6750.0 |
| 7/8 | .8750 | 8250.0 | 9200.0 |
| 1 | 1.0000 | 12500.0 | 13000.0 |
| 1 1/4 | 1.2500 | 25000.0 | 27750.0 |
| 1 1/2 | 1.5000 | 43500.0 | 49000.0 |

* Torque values must be determined by experiment.