

STANDARD WRENCH SIZING - BOLTS AND NUTS

| BOLTS: Use Wrench or Socket Size Shown Below | | | |
|--|------------|-----------------|----------------------------|
| WRENCH OR SOCKET SIZE ACROSS FLATS | HEX BOLTS | HEAVY HEX BOLTS | HEAVY HEX STRUCTURAL BOLTS |
| 3.20 | — | — | — |
| 4.00 | — | — | — |
| 5.00 | — | — | — |
| 5.50 | — | — | — |
| 6.00 | — | — | — |
| 7.00 | — | — | — |
| 8.00 | M5 x 0.8 | — | — |
| 10.00 | M6 x 1 | — | — |
| 13.00 | M8 x 1.25 | — | — |
| 15.00 | M10 x 1.5 | — | — |
| 16.00 | M10 x 1.5 | — | — |
| 18.00 | M12 x 1.75 | — | — |
| 21.00 | M14 x 2 | M12 x 1.75 | — |
| 24.00 | M16 x 2 | M14 x 2 | — |
| 27.00 | — | M16 x 2 | M16 x 2 |
| 30.00 | M20 x 2.5 | — | — |
| 34.00 | — | M20 x 2.5 | M20 x 2.5 |
| 36.00 | M24 x 3 | — | M22 x 2.5 |
| 41.00 | — | M24 x 3 | M24 x 3 |
| 46.00 | M30 x 3.5 | — | M27 x 3 |
| 50.00 | — | M30 x 3.5 | M30 x 3.5 |
| 55.00 | M36 x 4 | — | — |
| 60.00 | — | M36 x 4 | M36 x 4 |
| 65.00 | M42 x 4.5 | — | — |
| 70.00 | — | — | — |
| 75.00 | M48 x 5 | — | — |
| 80.00 | — | — | — |
| 85.00 | M56 x 5.5 | — | — |
| 90.00 | — | — | — |
| 95.00 | M64 x 6 | — | — |
| 100.00 | — | — | — |
| 105.00 | M72 x 6 | — | — |
| 110.00 | — | — | — |
| 115.00 | M80 x 6 | — | — |
| 120.00 | — | — | — |
| 130.00 | M90 x 6 | — | — |
| 135.00 | — | — | — |
| 145.00 | M100 x 6 | — | — |
| 150.00 | — | — | — |

| NUTS: Use Wrench or Socket Size Shown Below | | | | |
|---|------------------|------------------------|----------------|------------------------------------|
| HEX NUTS STYLE 1 | HEX NUTS STYLE 1 | SLOTTED & HAM HEX NUTS | HEAVY HEX NUTS | WRENCH OR SOCKET SIZE ACROSS FLATS |
| M1.6 x 0.35 | — | — | — | 3.20 |
| M2 x 0.4 | — | — | — | 4.00 |
| M2.5 x 0.45 | — | — | — | 5.00 |
| M3 x 0.5 | M3 x 0.5 | — | — | 5.50 |
| M3.5 x 0.6 | M3.5 x 0.6 | — | — | 6.00 |
| M4 x 0.7 | M4 x 0.7 | — | — | 7.00 |
| M5 x 0.8 | M5 x 0.8 | M5 x 0.8 | — | 8.00 |
| M6 x 1 | M6 x 1 | M6 x 1 | — | 10.00 |
| M8 x 1.25 | M8 x 1.25 | M8 x 1.25 | — | 13.00 |
| M10 x 1.5 | M10 x 1.5 | M10 x 1.5 | — | 15.00 |
| M10 x 1.5 | M10 x 1.5 | M10 x 1.5 | — | 16.00 |
| M12 x 1.75 | M12 x 1.75 | M12 x 1.75 | — | 18.00 |
| M14 x 2 | M14 x 2 | M14 x 2 | M12 x 1.75 | 21.00 |
| M16 x 2 | M16 x 2 | M16 x 2 | M14 x 2 | 24.00 |
| — | — | — | M16 x 2 | 27.00 |
| M20 x 2.5 | M20 x 2.5 | M20 x 2.5 | — | 30.00 |
| — | — | — | M20 x 2.5 | 34.00 |
| M24 x 3 | M24 x 3 | M24 x 3 | M22 x 2.5 | 36.00 |
| — | — | — | M24 x 3 | 41.00 |
| M30 x 3.5 | M30 x 3.5 | M30 x 3.5 | M27 x 3 | 46.00 |
| — | — | — | M30 x 3.5 | 50.00 |
| M36 x 4 | M36 x 4 | M36 x 4 | — | 55.00 |
| — | — | — | M36 x 4 | 60.00 |
| — | — | — | — | 65.00 |
| — | — | — | M42 x 4.5 | 70.00 |
| — | — | — | — | 75.00 |
| — | — | — | M48 x 5 | 80.00 |
| — | — | — | — | 85.00 |
| — | — | — | M56 x 5.5 | 90.00 |
| — | — | — | — | 95.00 |
| — | — | — | M64 x 6 | 100.00 |
| — | — | — | — | 105.00 |
| — | — | — | M72 x 6 | 110.00 |
| — | — | — | — | 115.00 |
| — | — | — | M80 x 6 | 120.00 |
| — | — | — | — | 130.00 |
| — | — | — | M90 x 6 | 135.00 |
| — | — | — | — | 145.00 |
| — | — | — | M100 x 6 | 150.00 |