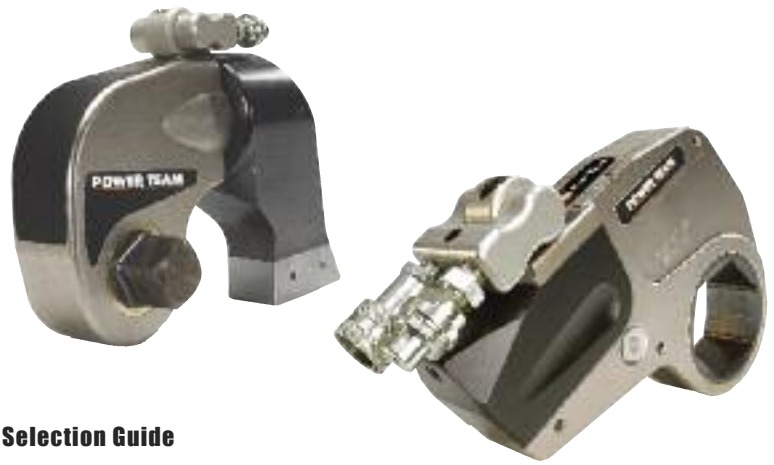


MEASUREMENTS / SPECIFICATIONS

Torque Wrench Selection Guide



Torque Wrench Selection Guide

TOOL GUIDELINE

| BOLT - TORQUE | | | | RECOMMENDED MODEL | | | | | |
|-----------------------------|------------------------|-----------------------------|-----------------------------|-------------------|--------|------------------------------------|-----------------------------|------------------------------|-------------------------------|
| SAE1 SAE 2 30,000 PSI | ASTM 193 B7 BOLT | 8-7 A/F HEAVY HEX NUT | ASTM 354 B8 60000 PSI | FT. LBS. | Nm | SQUARE DRIVE MAKE-UP ONLY | LOW CLEARANCE MAKE-UP | SQUARE DRIVE Break Out | LOW CLEARANCE Break Out |
| 1" | 7/8" | 1-7/16" | | 300 | 408 | TWSD1 | TWLC2 | TWSD1 | TWLC2 |
| 1-1/8" | 1" | 1-5/8" | 7/8" | 425 | 578 | TWSD1 | TWLC2 | TWSD1 | TWLC2 |
| | | | | 500 | 680 | TWSD1 | TWLC2 | TWSD1 | TWLC2 |
| 1-1/4" | | | 1" | 600 | 816 | TWSD1 | TWLC2 | TWSD1 | TWLC2 |
| 1-3/8" | 1-1/8" | 1-13/16" | | 700 | 952 | TWSD1 | TWLC2 | TWSD1 | TWLC2 |
| | 1-1/4" | 2" | 1-1/8" | 800 | 1,088 | TWSD1 | TWLC2 | TWSD3 | TWLC4 |
| 1-1/2" | | | | 900 | 1,224 | TWSD1 | TWLC2 | TWSD3 | TWLC4 |
| | | | | 1,000 | 1,360 | TWSD1 | TWLC2 | TWSD3 | TWLC4 |
| 1-5/8" | 1-3/8" | 2-3/16" | 1-1/4" | 1,250 | 1,700 | TWSD1 | TWLC2 | TWSD3 | TWLC4 |
| | | | | 1,350 | 1,836 | TWSD1 | TWLC2 | TWSD3 | TWLC4 |
| | 1-1/2" | 2-3/8" | 1-3/8" | 1,500 | 2,040 | TWSD3 | TWLC2 | TWSD3 | TWLC4 |
| 1-3/4" | | | | 1,600 | 2,176 | TWSD3 | TWLC4 | TWSD6 | TWLC4 |
| 1-7/8" | | | | 1,800 | 2,448 | TWSD3 | TWLC4 | TWSD6 | TWLC4 |
| | 1-5/8" | 2-9/16" | | 2,000 | 2,720 | TWSD3 | TWLC4 | TWSD6 | TWLC4 |
| 2" | | | | 2,200 | 2,992 | TWSD3 | TWLC4 | TWSD6 | TWLC8 |
| | 1-3/4" | 2-3/4" | 1-5/8" | 2,600 | 3,536 | TWSD3 | TWLC4 | TWSD6 | TWLC8 |
| 2-1/4" | | | | 3,000 | 4,080 | TWSD3 | TWLC4 | TWSD6 | TWLC8 |
| | 1-7/8" | 2-15/16" | 1-3/4" | 3,700 | 5,032 | TWSD6 | TWLC4 | TWSD11 | TWLC8 |
| 2-1/2" | 2" | 3-1/8" | | 4,000 | 5,440 | TWSD6 | TWLC8 | TWSD11 | TWLC15 |
| | | | 1-7/8" | 4,400 | 5,984 | TWSD6 | TWLC8 | TWSD11 | TWLC15 |
| 2-3/4" | | | 2" | 5,100 | 6,936 | TWSD6 | TWLC8 | TWSD11 | TWLC15 |
| | 2-1/4" | 3-1/2" | | 6,000 | 8,160 | TWSD6 | TWLC8 | TWSD25 | TWLC15 |
| 3" | | 3-7/8" | 2-1/4" | 7,000 | 9,520 | TWSD11 | TWLC8 | TWSD25 | TWLC15 |
| | 2-1/2" | | | 8,000 | 10,880 | TWSD11 | TWLC15 | TWSD25 | TWLC30 |
| 3-1/4" | | | | 9,000 | 12,240 | TWSD11 | TWLC15 | TWSD25 | TWLC30 |
| 3-1/2" | 2-3/4" | 4-1/4" | 2-1/2" | 10,000 | 13,600 | TWSD11 | TWLC15 | TWSD25 | TWLC30 |
| | | | | 11,500 | 15,640 | TWSD25 | TWLC15 | TWSD25 | TWLC30 |
| 3-3/4" | | 4-5/8" | 2-3/4" | 13,000 | 17,680 | TWSD25 | TWLC15 | Please Inquire | TWLC30 |
| 4" | | | | 14,500 | 19,720 | TWSD25 | TWLC15 | Please Inquire | |
| | | | | 15,500 | 21,080 | TWSD25 | TWLC30 | Please Inquire | |
| 4-1/4" | 3-1/4" | 5" | 3" | 16,500 | 22,440 | TWSD25 | TWLC30 | Please Inquire | |
| | | | | 19,500 | 26,520 | TWSD25 | TWLC30 | Please Inquire | |
| 4-1/2" | 3-1/2" | 5-3/8" | 3-1/4" | 20,500 | 27,880 | TWSD25 | TWLC30 | | |
| | | | | 21,500 | 29,240 | TWSD25 | TWLC30 | For | |
| | | | | 24,500 | 33,320 | TWSD25 | TWLC30 | Higher | |
| 4-3/4" | 3-3/4" | 5-3/4" | 3-1/2" | 25,500 | 34,680 | Please Inquire | TWLC30 | Torque | |
| 6-1/2" | 4-1/4" | | | 29,500 | 40,120 | Please Inquire | Please Inquire | Values | |

