

Design Information

Installation Torque Specification

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| JIC Size | Thread (Class 3B) | Minor Dia max (inches) | Pitch Dia max (inches) | Tensile Stress Area (mm ²) | Torque (Nm) Al Alloy | Torque (Nm) St Steel |
|----------|-------------------|------------------------|------------------------|--|----------------------|----------------------|
| -2 | 5/16" x 24 UNF | 0.2754 | 0.289 | 40.353 | 9.03 | 13.55 |
| -3 | 3/8" x 24 UNF | 0.3372 | 0.3516 | 60.101 | 11.86 | 15.81 |
| -4 | 7/16" x 20 UNF | 0.3916 | 0.4091 | 81.215 | 15.81 | 21.46 |
| -5 | 1/2" x 20 UNF | 0.4537 | 0.4717 | 108.482 | 20.33 | 27.11 |
| -6 | 9/16" x 18 UNF | 0.5106 | 0.5308 | 137.383 | 22.03 | 31.63 |
| -8 | 3/4" x 16 UNF | 0.6908 | 0.7143 | 250.099 | 39.54 | 62.14 |
| -10 | 7/8" x 14 UNF | 0.8068 | 0.8339 | 341.002 | 48.58 | 84.17 |
| -12 | 1-1/16" x 12 UN | 0.9823 | 1.0139 | 504.785 | 62.41 | 119.18 |
| -16 | 1-5/16" x 12 UN | 1.2323 | 1.264 | 789.390 | 94.9 | 154.78 |

NOTES:

1. DRY LUBE NUTS MUST USE A REDUCED TORQUE VALUE.
2. Nm = POUNDS PER INCH x 0.113



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