



FIGURE 45

Table 57

| Nom. Dia. | Threads per inch | s | | e | h | m | h | m |
|-----------|------------------|--------------|-------|----------------|------------|---------------|------------|---------------|
| | | Across Flats | | Across Corners | P TYPE | | T TYPE | |
| | | Max. | Min. | Max. | Nut Height | Thread Height | Nut Height | Thread Height |
| 3/16 | 24 | .324 | .319 | .374 | .267 | .156 | — | — |
| 1/4 | 20 | .445 | .435 | .510 | .321 | .190 | .254 | .123 |
| 5/16 | 18 | .525 | .515 | .610 | .378 | .240 | .294 | .156 |
| 3/8 | 16 | .600 | .585 | .690 | .438 | .302 | .333 | .198 |
| 7/16 | 14 | .710 | .695 | .820 | .528 | .365 | .403 | .240 |
| 1/2 | 12 | .820 | .800 | .950 | .593 | .427 | .447 | .281 |
| 5/8 | 11 | 1.010 | .985 | 1.170 | .722 | .552 | .535 | .365 |
| 3/4 | 10 | 1.200 | 1.175 | 1.390 | .960 | .677 | .731 | .448 |
| 7/8 | 9 | 1.300 | 1.270 | 1.500 | 1.012 | .740 | .762 | .490 |
| 1 | 8 | 1.480 | 1.450 | 1.710 | 1.113 | .865 | .821 | .573 |
| 1 1/8 | 7 | 1.670 | 1.640 | 1.930 | 1.239 | .990 | .905 | .656 |
| 1 1/4 | 7 | 1.860 | 1.815 | 2.150 | 1.440 | 1.105 | 1.065 | .730 |
| 1 1/2 | 6 | 2.220 | 2.175 | 2.560 | 1.734 | 1.355 | 1.274 | .896 |
| 1 3/4 | 5 | 2.580 | 2.520 | 2.980 | 1.985 | 1.605 | 1.450 | 1.063 |
| 2 | 4.5 | 2.760 | 2.700 | 3.190 | 2.125 | 1.730 | 1.565 | 1.146 |

Mechanical Properties:

P Type Proof Load Stress 28 tonf/in² (432 MPa) AS 2451

T Type Proof Load Stress 14 tonf/in² (216 MPa)