

# Thread Dimension Chart

| MALE THREAD      |       |                  |                   |            | FEMALE THREAD |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
|------------------|-------|------------------|-------------------|------------|---------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|--------------|--------------|------------|----------------|----------------|------------|----------------|------------|------------|--------|--|
| THREADS PER INCH | PITCH | BORE SIZE MAX    | MAJOR DIAMETER MM | SIZE       | M16/5/8" ET   | M20/3/4" ET | M25/1" ET | M32/1 1/4" ET | M40/1 1/2" ET | M50/2" ET | M63/2 1/2" ET | M75/3" ET | 1/2" NPT/BSP | 3/4" NPT/BSP | 1" NPT/BSP | 1 1/4" NPT/BSP | 1 1/2" NPT/BSP | 2" NPT/BSP | 2 1/2" NPT/BSP | 3" NPT/BSP | 3 1/2" NPT | 4" NPT |  |
| 16.93            | 1.5   | 11.0             | 16                | M16        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 16.93            | 1.5   | 15.0             | 20                | M20        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 16.93            | 1.5   | 20.5             | 25                | M25        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 16.93            | 1.5   | 26.8             | 32                | M32        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 16.93            | 1.5   | 33.5             | 40                | M40        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 16.93            | 1.5   | 44.0             | 50                | M50        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 16.93            | 1.5   | 55.2             | 63                | M63        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 16.93            | 1.5   | 66.7             | 75                | M75        |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 14               | 1.81  | 14.3             | 21.34             | 1/2" NPT   |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 14               | 1.81  | 20.5             | 26.67             | 3/4" NPT   |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11 1/2           | 2.20  | 26.8             | 33.40             | 1" NPT     |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11 1/2           | 2.20  | 33.5             | 42.16             | 1 1/4" NPT |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11 1/2           | 2.20  | 41.0             | 48.26             | 1 1/2" NPT |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11 1/2           | 2.20  | 54.0             | 60.33             | 2" NPT     |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 8                | 3.175 | 64.5             | 73.03             | 2 1/2" NPT |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 8                | 3.175 | 79.0             | 88.90             | 3" NPT     |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 8                | 3.175 | 90.0             | 101.60            | 3 1/2" NPT |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 8                | 3.175 | 101.0            | 114.30            | 4" NPT     |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 14               | 1.81  | P 15.5<br>T 14.3 | 20.96             | 1/2" BSP   |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 14               | 1.81  | 17.5 16.3        | 22.91             | 5/8" BSP   |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 14               | 1.81  | 21.5 20.0        | 26.44             | 3/4" BSP   |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11               | 2.31  | 26.8 25.5        | 33.25             | 1" BSP     |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11               | 2.31  | 35.0 33.0        | 41.91             | 1 1/4" BSP |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11               | 2.31  | 41.0 39.0        | 47.80             | 1 1/2" BSP |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11               | 2.31  | 53.0 50.0        | 59.61             | 2" BSP     |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11               | 2.31  | 66.0 62.0        | 75.18             | 2 1/2" BSP |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |
| 11               | 2.31  | 77.0 73.0        | 87.88             | 3" BSP     |               |             |           |               |               |           |               |           |              |              |            |                |                |            |                |            |            |        |  |

CERTIFIED

 Reducers

 Adaptors

 Not Certified

