

[TECHNICAL DATA] TABLE OF HOLE SIZES BEFORE THREADING

1. Metric coarse thread

| Nominal thread size | Maximum dimension | | |
|---------------------|--|---------|---------|
| | Minimum dimension Grade 2 / Grade 3 | Grade 2 | Grade 3 |
| M 1 × 0.25 | 0.73 | 0.78 | — |
| M 1.1 × 0.25 | 0.83 | 0.89 | — |
| M 1.2 × 0.25 | 0.93 | 0.98 | — |
| M 1.4 × 0.3 | 1.08 | 1.14 | — |
| M 1.6 × 0.35 | 1.22 | 1.32 | — |
| M 1.7 × 0.35 | 1.33 | 1.42 | — |
| M 1.8 × 0.35 | 1.42 | 1.52 | — |
| M 2 × 0.4 | 1.57 | 1.67 | — |
| M 2.2 × 0.45 | 1.71 | 1.84 | — |
| M 2.3 × 0.4 | 1.87 | 1.97 | — |
| M 2.5 × 0.45 | 2.01 | 2.14 | — |
| M 2.6 × 0.45 | 2.12 | 2.23 | — |
| M 3 × 0.5 | 2.46 | 2.60 | 2.64 |
| M 3.5 × 0.6 | 2.85 | 3.01 | 3.05 |
| M 4 × 0.7 | 3.24 | 3.42 | 3.47 |
| M 4.5 × 0.75 | 3.69 | 3.88 | 3.92 |
| M 5 × 0.8 | 4.13 | 4.33 | 4.38 |
| M 6 × 1 | 4.92 | 5.15 | 5.22 |
| M 7 × 1 | 5.92 | 6.15 | 6.22 |
| M 8 × 1.25 | 6.65 | 6.91 | 6.98 |
| M 9 × 1.25 | 7.65 | 7.91 | 7.98 |
| M 10 × 1.5 | 8.38 | 8.68 | 8.75 |
| M 11 × 1.5 | 9.38 | 9.68 | 9.75 |
| M 12 × 1.75 | 10.11 | 10.44 | 10.53 |
| M 14 × 2 | 11.84 | 12.21 | 12.31 |
| M 16 × 2 | 13.84 | 14.21 | 14.31 |
| M 18 × 2.5 | 15.29 | 15.74 | 15.85 |
| M 20 × 2.5 | 17.29 | 17.74 | 17.85 |
| M 22 × 2.5 | 19.29 | 19.74 | 19.85 |
| M 24 × 3 | 20.75 | 21.25 | 21.38 |
| M 27 × 3 | 23.75 | 24.25 | 24.38 |
| M 30 × 3.5 | 26.21 | 26.77 | 26.92 |
| M 33 × 3.5 | 29.21 | 29.77 | 29.92 |
| M 36 × 4 | 31.67 | 32.27 | 32.42 |
| M 39 × 4 | 34.67 | 35.27 | 35.42 |
| M 42 × 4.5 | 37.13 | 37.80 | 37.98 |
| M 45 × 4.5 | 40.13 | 40.80 | 40.98 |
| M 48 × 5 | 42.59 | 43.30 | 43.49 |

2. Metric fine thread

| Nominal thread size | Maximum dimension | | |
|---------------------|--|---------|---------|
| | Minimum dimension Grade 2 / Grade 3 | Grade 2 | Grade 3 |
| M 2.5 × 0.35 | 2.12 | 2.22 | — |
| M 3 × 0.35 | 2.62 | 2.72 | — |
| M 3.5 × 0.35 | 3.12 | 3.22 | — |
| M 4 × 0.5 | 3.46 | 3.60 | 3.64 |
| M 4.5 × 0.5 | 3.96 | 4.10 | 4.14 |
| M 5 × 0.5 | 4.46 | 4.60 | 4.64 |
| M 5.5 × 0.5 | 4.96 | 5.10 | 5.14 |
| M 6 × 0.75 | 5.19 | 5.38 | 5.42 |
| M 7 × 0.75 | 6.19 | 6.38 | 6.42 |
| M 8 × 1 | 6.92 | 7.15 | 7.22 |
| M 8 × 0.75 | 7.19 | 7.38 | 7.42 |
| M 9 × 1 | 7.92 | 8.15 | 8.22 |
| M 9 × 0.75 | 8.19 | 8.38 | 8.42 |
| M 10 × 1.25 | 8.65 | 8.91 | 8.98 |
| M 10 × 1 | 8.92 | 9.15 | 9.22 |
| M 10 × 0.75 | 9.19 | 9.38 | — |
| M 11 × 1 | 9.92 | 10.15 | 10.22 |
| M 11 × 0.75 | 10.19 | 10.38 | 10.42 |
| M 12 × 1.5 | 10.38 | 10.68 | 10.75 |
| M 12 × 1.25 | 10.65 | 10.91 | 10.98 |
| M 12 × 1 | 10.92 | 11.15 | 11.22 |
| M 14 × 1.5 | 12.38 | 12.68 | 12.75 |
| M 14 × 1 | 12.92 | 13.15 | 13.22 |
| M 15 × 1.5 | 13.38 | 13.68 | 13.75 |
| M 15 × 1 | 13.92 | 14.15 | 14.22 |

| Nominal thread size | Maximum dimension | | |
|---------------------|--|---------|---------|
| | Minimum dimension Grade 2 / Grade 3 | Grade 2 | Grade 3 |
| M 16 × 1.5 | 14.38 | 14.68 | 14.75 |
| M 16 × 1 | 14.92 | 15.15 | 15.22 |
| M 17 × 1.5 | 15.38 | 15.68 | 15.75 |
| M 17 × 1 | 15.92 | 16.15 | 16.22 |
| M 18 × 2 | 15.84 | 16.21 | 16.31 |
| M 18 × 1.5 | 16.38 | 16.68 | 16.75 |
| M 18 × 1 | 16.92 | 17.15 | 17.22 |
| M 20 × 2 | 17.84 | 18.21 | 18.31 |
| M 20 × 1.5 | 18.38 | 18.68 | 18.75 |
| M 20 × 1 | 18.92 | 19.15 | 19.22 |
| M 22 × 2 | 19.84 | 20.21 | 20.31 |
| M 22 × 1.5 | 20.38 | 20.68 | 20.75 |
| M 22 × 1 | 20.92 | 21.15 | 21.22 |
| M 24 × 2 | 21.84 | 22.21 | 22.31 |
| M 24 × 1.5 | 22.38 | 22.68 | 22.75 |
| M 24 × 1 | 22.92 | 23.15 | 23.22 |
| M 25 × 2 | 22.84 | 23.21 | 23.31 |
| M 25 × 1.5 | 23.38 | 23.68 | 23.75 |
| M 25 × 1 | 23.92 | 24.15 | 24.22 |
| M 26 × 1.5 | 24.38 | 24.68 | 24.75 |
| M 27 × 2 | 24.84 | 25.21 | 25.31 |
| M 27 × 1.5 | 25.38 | 25.68 | 25.75 |
| M 27 × 1 | 25.92 | 26.15 | 26.22 |
| M 28 × 2 | 25.84 | 26.21 | 26.31 |
| M 28 × 1.5 | 26.38 | 26.68 | 26.75 |
| M 28 × 1 | 26.92 | 27.15 | 27.22 |
| M 30 × 3 | 26.75 | 27.25 | 27.38 |
| M 30 × 2 | 27.84 | 28.21 | 28.31 |
| M 30 × 1.5 | 28.38 | 28.68 | 28.75 |
| M 30 × 1 | 28.92 | 29.15 | 29.22 |
| M 32 × 2 | 29.84 | 30.21 | 30.31 |
| M 32 × 1.5 | 30.38 | 30.68 | 30.75 |
| M 33 × 3 | 29.75 | 30.25 | 30.38 |
| M 33 × 2 | 30.84 | 31.21 | 31.31 |
| M 33 × 1.5 | 31.38 | 31.68 | 31.75 |
| M 35 × 1.5 | 33.38 | 33.68 | 33.75 |
| M 36 × 3 | 32.75 | 33.25 | 33.38 |
| M 36 × 2 | 33.84 | 34.21 | 34.31 |
| M 36 × 1.5 | 34.38 | 34.68 | 34.75 |
| M 38 × 1.5 | 36.38 | 36.68 | 36.75 |
| M 39 × 3 | 35.75 | 36.25 | 36.38 |
| M 39 × 2 | 36.84 | 37.21 | 37.31 |
| M 39 × 1.5 | 37.38 | 37.68 | 37.75 |
| M 40 × 3 | 36.75 | 37.25 | 37.38 |
| M 40 × 2 | 37.84 | 38.21 | 38.31 |
| M 40 × 1.5 | 38.38 | 38.68 | 38.75 |
| M 42 × 4 | 37.67 | 38.27 | 38.42 |
| M 42 × 3 | 38.75 | 39.25 | 39.38 |
| M 42 × 2 | 39.84 | 39.84 | 40.21 |
| M 42 × 1.5 | 40.38 | 40.68 | 40.75 |
| M 45 × 4 | 40.67 | 41.27 | 41.42 |
| M 45 × 3 | 41.75 | 42.25 | 42.38 |
| M 45 × 2 | 42.84 | 43.21 | 43.31 |
| M 45 × 1.5 | 43.38 | 43.68 | 43.75 |
| M 48 × 4 | 43.67 | 44.27 | 44.42 |
| M 48 × 3 | 44.75 | 45.25 | 45.38 |
| M 48 × 2 | 45.84 | 46.21 | 46.31 |
| M 48 × 1.5 | 46.38 | 46.68 | 46.75 |
| M 50 × 3 | 46.75 | 47.25 | 47.38 |
| M 50 × 2 | 47.84 | 48.21 | 48.31 |
| M 50 × 1.5 | 48.38 | 48.68 | 48.75 |