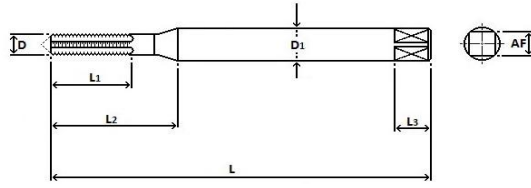
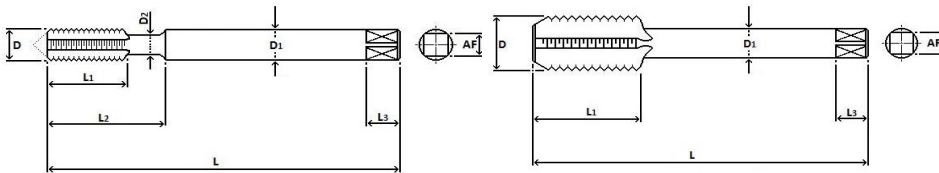


ISO 529 TAP BLANK DIMENSIONS



ISO 529 TAP BLANK DIMENSIONS FOR THREADS UP TO 1/8" (3mm) DIAMETER

| THREAD DIAMETER D | | OVERALL LENGTH L | THREAD LENGTH L1 | SHANK DIAMETER D1 | LEAD TO SHANK L2 | SQUARE LENGTH L3 | SQUARE A/F | NUMBER OF FLUTES | | |
|-------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------|------------------|--------------|--------------|
| METRIC (mm) | IMPERIAL (inch") | | | | | | | STRAIGHT FLUTE | SPIRAL POINT | SPIRAL FLUTE |
| 1.00 | 0.039 | 38.5 | 5.5 | 2.5 | 10 | 4 | 2.00 | 3 | N/A | N/A |
| 1.10 | 0.043 | 38.5 | 5.5 | 2.5 | 10 | 4 | 2.00 | 3 | N/A | N/A |
| 1.20 | 0.047 | 38.5 | 5.5 | 2.5 | 10 | 4 | 2.00 | 3 | N/A | N/A |
| 1.40 | 0.055 | 40.0 | 7.0 | 2.5 | 12 | 4 | 2.00 | 3 | 2 | 3 |
| 1.60 | 0.063 | 41.0 | 8.0 | 2.5 | 13 | 4 | 2.00 | 3 | 2 | 3 |
| 1.80 | 0.071 | 41.0 | 8.0 | 2.5 | 13 | 4 | 2.00 | 3 | 2 | 3 |
| 2.00 | 0.079 | 41.0 | 8.0 | 2.5 | 13.5 | 4 | 2.00 | 3 | 2 | 3 |
| 2.20 | 0.087 | 44.5 | 9.5 | 2.8 | 15.5 | 5 | 2.24 | 3 | 2 | 3 |
| 2.50 | 0.098 | 44.5 | 9.5 | 2.8 | 15.5 | 5 | 2.24 | 3 | 2 | 3 |

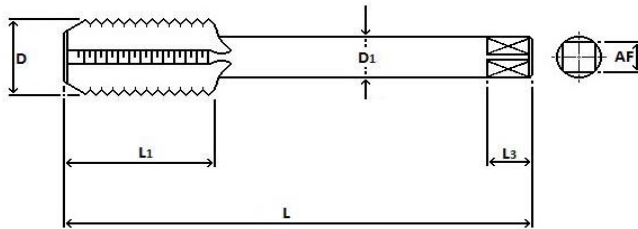


FOR THREADS UP TO 10mm

FOR THREADS 10mm AND OVER

ISO 529 TAP BLANK DIMENSIONS FOR THREADS UP TO 1" (25.4mm) DIAMETER

| THREAD DIAMETER D | | OVERALL LENGTH L | THREAD LENGTH L1 | SHANK DIAMETER D1 | NECK L2 - L1 | SQUARE LENGTH L3 | SQUARE A/F | NUMBER OF FLUTES | | |
|-------------------|------------------|------------------|------------------|-------------------|--------------|------------------|------------|------------------|--------------|--------------|
| METRIC (mm) | IMPERIAL (inch") | | | | | | | STRAIGHT FLUTE | SPIRAL POINT | SPIRAL FLUTE |
| 3.00 | 1/8" | 48 | 11 | 3.15 | 7 | 5 | 2.50 | 3 | 2 | 3 |
| 3.50 | | 50 | 13 | 3.55 | 7 | 5 | 2.80 | 3 | 2 | 3 |
| 4.00 | 5/32" | 53 | 13 | 4.00 | 8 | 6 | 3.15 | 3 | 3 | 3 |
| 4.50 | | 53 | 13 | 4.50 | 8 | 6 | 3.55 | 3 | 3 | 3 |
| 5.00 | 3/16" | 58 | 16 | 5.00 | 9 | 7 | 4.00 | 3 | 3 | 3 |
| 5.60 | 7/32" | 62 | 17 | 5.60 | 9 | 7 | 4.50 | 3 | 3 | 3 |
| 6.35 | 1/4" | 66 | 19 | 6.30 | 11 | 8 | 5.00 | 3 | 3 | 3 |
| 7.20 | | 66 | 19 | 7.10 | 11 | 8 | 5.60 | 4 | 3 | 3 |
| 8.00 | 5/16" | 72 | 22 | 8.00 | 13 | 9 | 6.30 | 4 | 3 | 3 |
| 9.00 | 11/16" | 72 | 22 | 9.00 | 14 | 10 | 7.10 | 4 | 3 | 3 |
| 10.00 | 3/8" | 80 | 24 | 10.00 | 18 | 11 | 8.00 | 4 | 3 | 3 |
| 10.60 | 13/32" | 84 | 24 | 7.10 | | 8 | 5.60 | 4 | 3 | 3 |
| 11.20 | 7/16" | 85 | 25 | 8.00 | | 9 | 6.30 | 4 | 3 | 3 |
| 13.00 | 1/2" | 89 | 29 | 9.00 | | 10 | 7.10 | 4 | 3 | 3 |
| 15.00 | 9/16" | 95 | 30 | 11.20 | | 12 | 9.00 | 4 | 3 | 3 |
| 17.00 | 5/8" | 102 | 32 | 12.50 | | 13 | 10.00 | 4 | 3 | 3 |
| 21.00 | 13/16" | 112 | 37 | 14.00 | | 14 | 11.20 | 4 | 3 | 3 |
| 22.00 | 7/8" | 118 | 38 | 16.00 | | 16 | 12.50 | 4 | 3 | 4 |
| 25.40 | 1" | 130 | 45 | 18.00 | | 18 | 14.00 | 4 | 3 | 4 |



ISO 529 TAP BLANK DIMENSIONS FOR THREADS OVER 1" (25.4mm) DIAMETER

| THREAD DIAMETER D | | COARSE PITCH | | | | FINE PITCH | | | | SHANK DIAMETER D1 | SQUARE LENGTH L3 | SQUARE A/F | NUMBER OF FLUTES | | |
|-------------------|------------------|--------------|----|-----|----|------------|----|------|-----|-------------------|------------------|------------|------------------|--------------|--------------|
| METRIC (mm) | IMPERIAL (inch") | L | L1 | L | L1 | L | L1 | L | L1 | | | | STRAIGHT FLUTE | SPIRAL POINT | SPIRAL FLUTE |
| 27.0 | 1.1/16 | 135 | 45 | 127 | 37 | 20.0 | 20 | 16.0 | 4 | 4 | 4 | | | | |
| 30.0 | 1.1/8 | 138 | 48 | 127 | 37 | 20.0 | 20 | 16.0 | 4 | 4 | 4 | | | | |
| 33.3 | 1.5/16 | 151 | 51 | 137 | 37 | 22.4 | 22 | 18.0 | 4/6 | 4 | 4 | | | | |
| 36.5 | 1.7/16 | 162 | 57 | 144 | 39 | 25.0 | 24 | 20.0 | 4/6 | 4 | 4 | | | | |
| 42.5 | 1.5/8 | 170 | 60 | 149 | 39 | 28.0 | 26 | 22.4 | 6 | 4 | 4 | | | | |
| 50.0 | | 187 | 67 | 165 | 45 | 31.5 | 28 | 25.0 | 6 | 4 | 4 | | | | |
| 54.0 | 2.1/8 | 200 | 70 | 175 | 45 | 35.5 | 31 | 28.0 | 6 | | | | | | |
| 61.9 | 2.7/16 | 221 | 76 | 193 | 48 | 40.0 | 34 | 31.5 | 6 | | | | | | |
| 66.6 | 2.5/8 | 224 | 79 | 193 | 48 | 40.0 | 34 | 31.5 | 6 | | | | | | |
| 73.0 | 2.7/8 | 234 | 79 | 203 | 48 | 45.0 | 38 | 35.5 | 6 | | | | | | |
| 79.3 | 3.1/8 | 258 | 83 | 226 | 51 | 50.0 | 42 | 40.0 | 6 | | | | | | |
| 88.9 | 3.1/2 | 261 | 86 | 226 | 51 | 50.0 | 42 | 40.0 | 6 | | | | | | |
| 101.6 | 4 | 279 | 89 | 244 | 54 | 56.0 | 46 | 45.0 | 6 | | | | | | |