

| Screw Size | | Taps | | | | | | Clearance Hole | | | |
|------------|-----------|---------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------|--------|
| | | Threads Per Inch | | Soft Materials | | Hard Materials | | All Materials | | | |
| | | | | 75% Thread | | 50% Thread | | Close Fit | | Free Fit | |
| # or Dia | Major Dia | Minor Dia | Drill Size | Decimal | Drill Size | Decimal | Drill Size | Decimal | Drill Size | Decimal | |
| 0 | 0.06 | 80 | 0.0447 | 3/64 | 0.0469 | 55 | 0.052 | 52 | 0.0635 | 50 | 0.07 |
| 1 | 0.073 | 64 | 0.0538 | 53 | 0.0595 | 1/16 | 0.0625 | 48 | 0.076 | 46 | 0.081 |
| | | 72 | 0.056 | 53 | 0.0595 | 52 | 0.0635 | | | | |
| 2 | 0.086 | 56 | 0.0641 | 50 | 0.07 | 49 | 0.073 | 43 | 0.089 | 41 | 0.096 |
| | | 64 | 0.0668 | 50 | 0.07 | 48 | 0.076 | | | | |
| 3 | 0.099 | 48 | 0.0734 | 47 | 0.0785 | 44 | 0.086 | 37 | 0.104 | 35 | 0.11 |
| | | 56 | 0.0771 | 45 | 0.082 | 43 | 0.089 | | | | |
| 4 | 0.112 | 40 | 0.0813 | 43 | 0.089 | 41 | 0.096 | 32 | 0.116 | 30 | 0.1285 |
| | | 48 | 0.0864 | 42 | 0.0935 | 40 | 0.098 | | | | |
| 5 | 0.125 | 40 | 0.0943 | 38 | 0.1015 | 7/64 | 0.1094 | 30 | 0.1285 | 29 | 0.136 |
| | | 44 | 0.0971 | 37 | 0.104 | 35 | 0.11 | | | | |
| 6 | 0.138 | 32 | 0.0997 | 36 | 0.1065 | 32 | 0.116 | 27 | 0.144 | 25 | 0.1495 |
| | | 40 | 0.1073 | 33 | 0.113 | 31 | 0.12 | | | | |
| 8 | 0.164 | 32 | 0.1257 | 29 | 0.136 | 27 | 0.144 | 18 | 0.1695 | 16 | 0.177 |
| | | 36 | 0.1299 | 29 | 0.136 | 26 | 0.147 | | | | |
| 10 | 0.19 | 24 | 0.1389 | 25 | 0.1495 | 20 | 0.161 | 9 | 0.196 | 7 | 0.201 |
| | | 32 | 0.1517 | 21 | 0.159 | 18 | 0.1695 | | | | |
| 12 | 0.216 | 24 | 0.1649 | 16 | 0.177 | 12 | 0.189 | 2 | 0.221 | 1 | 0.228 |
| | | 28 | 0.1722 | 14 | 0.182 | 10 | 0.1935 | | | | |
| | | 32 | 0.1777 | 13 | 0.185 | 9 | 0.196 | | | | |
| 1/4 | 0.25 | 20 | 0.1887 | 7 | 0.201 | 7/32 | 0.2188 | F | 0.257 | H | 0.266 |
| | | 28 | 0.2062 | 3 | 0.213 | 1 | 0.228 | | | | |
| | | 32 | 0.2117 | 7/32 | 0.2188 | 1 | 0.228 | | | | |
| 5/16 | 0.3125 | 18 | 0.2443 | F | 0.257 | J | 0.277 | P | 0.323 | Q | 0.332 |
| | | 24 | 0.2614 | I | 0.272 | 7/32 | 0.2812 | | | | |
| | | 32 | 0.2742 | 9/32 | 0.2812 | L | 0.29 | | | | |
| 3/8 | 0.375 | 16 | 0.2983 | 5/16 | 0.3125 | Q | 0.332 | W | 0.386 | X | 0.397 |
| | | 24 | 0.3239 | Q | 0.332 | S | 0.348 | | | | |
| | | 32 | 0.3367 | 11/32 | 0.3438 | T | 0.358 | | | | |
| 7/16 | 0.4375 | 14 | 0.3499 | U | 0.368 | 25/64 | 0.3906 | 29/64 | 0.4531 | 15/32 | 0.4687 |
| | | 20 | 0.3762 | 25/64 | 0.3906 | 13/32 | 0.4062 | | | | |
| | | 28 | 0.3937 | Y | 0.404 | Z | 0.413 | | | | |
| 1/2 | 0.5 | 13 | 0.4056 | 27/64 | 0.4219 | 29/64 | 0.4531 | 33/64 | 0.5156 | 17/32 | 0.5312 |
| | | 20 | 0.4387 | 29/64 | 0.4531 | 15/32 | 0.4688 | | | | |
| | | 28 | 0.4562 | 15/32 | 0.4688 | 15/32 | 0.4688 | | | | |
| 9/16 | 0.5625 | 12 | 0.4603 | 31/64 | 0.4844 | 33/64 | 0.5156 | 37/64 | 0.5781 | 19/32 | 0.5938 |
| | | 18 | 0.4943 | 33/64 | 0.5156 | 17/32 | 0.5312 | | | | |
| | | 24 | 0.5114 | 33/64 | 0.5156 | 17/32 | 0.5312 | | | | |
| 5/8 | 0.625 | 11 | 0.5135 | 17/32 | 0.5312 | 9/16 | 0.5625 | 41/64 | 0.6406 | 21/32 | 0.6562 |
| | | 18 | 0.5568 | 37/64 | 0.5781 | 19/32 | 0.5938 | | | | |
| | | 24 | 0.5739 | 37/64 | 0.5781 | 19/32 | 0.5938 | | | | |
| 11/16 | 0.6875 | 24 | 0.6364 | 41/64 | 0.6406 | 21/32 | 0.6562 | 45/64 | 0.7031 | 23/32 | 0.6562 |
| 3/4 | 0.75 | 10 | 0.6273 | 21/32 | 0.6562 | 11/16 | 0.6875 | 49/64 | 0.7656 | 25/32 | 0.7812 |
| | | 16 | 0.6733 | 11/16 | 0.6875 | 45/64 | 0.7031 | | | | |
| | | 20 | 0.6887 | 45/64 | 0.7031 | 23/32 | 0.7188 | | | | |
| 13/16 | 0.8125 | 20 | 0.7512 | 49/64 | 0.7656 | 25/32 | 0.7812 | 53/64 | 0.8281 | 27/32 | 0.8438 |
| 7/8 | 0.875 | 9 | 0.7387 | 49/64 | 0.7656 | 51/64 | 0.7969 | 57/64 | 0.8906 | 29/32 | 0.9062 |
| | | 14 | 0.7874 | 13/16 | 0.8125 | 53/64 | 0.8281 | | | | |
| | | 20 | 0.8137 | 53/64 | 0.8281 | 27/32 | 0.8438 | | | | |
| 15/16 | 0.9375 | 20 | 0.8762 | 57/64 | 0.8906 | 29/32 | 0.9062 | 61/64 | 0.9531 | 31/32 | 0.9688 |
| 1 | 1 | 8 | 0.8466 | 7/8 | 0.875 | 59/64 | 0.9219 | 1/1/1964 | 1.0156 | 1/1/1932 | 1.0313 |
| | | 12 | 0.8978 | 15/16 | 0.9375 | 61/64 | 0.9531 | | | | |
| | | 20 | 0.9387 | 61/64 | 0.9531 | 31/32 | 0.9688 | | | | |

