**Machine Screws - Tapping & Clearance Hole Information ( Size #8 through 3/8" Diameter )**

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| Machine Screw Size | | Number of Threads Per Inch | Minor Dia. | Tap Drills | | | | Clearance Hole Drills | | | |
| Aluminium, Brass & Plastics  75% Thread | | Stainless Steel, Steels & Iron  50% Thread | | All Materials | | | |
| Close Fit | | Free Fit | |
| No. or Dia. | Major Dia. | Drill Size | Decimal Equiv. | Drill Size | Decimal Equiv. | Drill Size | Decimal Equiv. | Drill Size | Decimal Equiv. |
| 8 | .1640 | 32 | .1257 | 29 | .1360 | 27 | .1440 | 18 | .1695 | 16 | .1770 |
| 36 | .1299 | 29 | .1360 | 26 | .1470 |
| 10 | .1900 | 24 | .1389 | 25 | .1495 | 20 | .1610 | 9 | .1960 | 7 | .2010 |
| 32 | .1517 | 21 | .1590 | 18 | .1695 |
| 12 | .2160 | 24 | .1649 | 16 | .1770 | 12 | .1890 | 2 | .2210 | 1 | .2280 |
| 28 | .1722 | 14 | .1820 | 10 | .1935 |
| 32 | .1777 | 13 | .1850 | 9 | .1960 |
| 1/4 | .2500 | 20 | .1887 | 7 | .2010 | 7/32 | .2188 | F | .2570 | H | .2660 |
| 28 | .2062 | 3 | .2130 | 1 | .2280 |
| 32 | .2117 | 7/32 | .2188 | 1 | .2280 |
| 5/16 | .3125 | 18 | .2443 | F | .2570 | J | .2770 | P | .3230 | Q | .3320 |
| 24 | .2614 | I | .2720 | 9/32 | .2812 |
| 32 | .2742 | 9/32 | .2812 | L | .2900 |
| 3/8 | .3750 | 16 | .2983 | 5/16 | .3125 | Q | .3320 | W | .3860 | X | .3970 |
| 24 | .3239 | Q | .3320 | S | .3480 |
| 32 | .3367 | 11/32 | .3438 | T | .3580 |

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