

Unified Tap/Drill Size Chart (inch)

| THREADS PER INCH | DOUBLE THREAD DEPTH | 50% THREAD | 55% THREAD | 60% THREAD | 65% THREAD (RECOMMENDED) | 70% THREAD (RECOMMENDED) | 75% THREAD (RECOMMENDED) | 80% THREAD | 85% THREAD |
|------------------|---------------------|------------|------------|------------|--------------------------|--------------------------|--------------------------|------------|------------|
| 6 | .21651 | .1083 | .1192 | .1300 | .1408 | .1517 | .1625 | .1733 | .1842 |
| 7 | .18558 | .0929 | .1021 | .1114 | .1207 | .1300 | .1393 | .1486 | .1579 |
| 8 | .16238 | .0813 | .0894 | .0975 | .1056 | .1138 | .1219 | .1300 | .1381 |
| 9 | .14434 | .0722 | .0794 | .0866 | .0939 | .1011 | .1083 | .1156 | .1228 |
| 10 | .12990 | .0649 | .0714 | .0779 | .0844 | .0909 | .0974 | .1039 | .1105 |
| 11 | .11809 | .0590 | .0649 | .0708 | .0767 | .0826 | .0885 | .0944 | .1005 |
| 12 | .10825 | .0541 | .0595 | .0649 | .0702 | .0755 | .0808 | .0861 | .0921 |
| 13 | .09992 | .0499 | .0549 | .0599 | .0649 | .0699 | .0749 | .0799 | .0850 |
| 14 | .09278 | .0464 | .0510 | .0556 | .0602 | .0648 | .0694 | .0740 | .0789 |
| 16 | .08119 | .0406 | .0446 | .0486 | .0526 | .0566 | .0606 | .0646 | .0691 |
| 18 | .07217 | .0361 | .0396 | .0431 | .0466 | .0501 | .0536 | .0571 | .0614 |
| 20 | .06495 | .0325 | .0357 | .0389 | .0421 | .0453 | .0485 | .0517 | .0553 |
| 24 | .05412 | .0270 | .0298 | .0326 | .0354 | .0382 | .0410 | .0438 | .0460 |
| 27 | .04811 | .0240 | .0264 | .0288 | .0312 | .0336 | .0360 | .0384 | .0409 |
| 28 | .04639 | .0232 | .0254 | .0276 | .0298 | .0324 | .0347 | .0370 | .0395 |
| 30 | .04330 | .0216 | .0238 | .0260 | .0282 | .0304 | .0326 | .0348 | .0368 |
| 32 | .04059 | .0203 | .0223 | .0243 | .0263 | .0283 | .0303 | .0323 | .0345 |
| 36 | .03608 | .0180 | .0198 | .0216 | .0234 | .0252 | .0270 | .0288 | .0307 |
| 40 | .03247 | .0162 | .0178 | .0194 | .0210 | .0226 | .0242 | .0258 | .0276 |
| 44 | .02952 | .0147 | .0162 | .0177 | .0192 | .0207 | .0222 | .0237 | .0251 |
| 48 | .02706 | .0135 | .0148 | .0161 | .0174 | .0187 | .0200 | .0213 | .0230 |
| 56 | .02319 | .0116 | .0127 | .0138 | .0149 | .0160 | .0171 | .0182 | .0197 |
| 64 | .02029 | .0101 | .0111 | .0121 | .0131 | .0141 | .0151 | .0161 | .0173 |
| 72 | .01804 | .0090 | .0099 | .0107 | .0115 | .0123 | .0131 | .0139 | .0153 |
| 80 | .01623 | .0081 | .0089 | .0097 | .0105 | .0113 | .0121 | .0129 | .0138 |