

CIP CUMBERLAND TRUCK PARTS HARVEY'S SUPPLY HSC

INCH / METRIC TAP DRILL SIZES AND DECIMAL EQUIVALENTS

| FRACTION OR DRILL SIZE | DECIMAL EQUIVALENT | TAP SIZE | FRACTION OR DRILL SIZE | DECIMAL EQUIVALENT | TAP SIZE | FRACTION OR DRILL SIZE | DECIMAL EQUIVALENT | TAP SIZE |
|------------------------|--------------------|----------|------------------------|--------------------|----------|------------------------|--------------------|-----------|
| NUMBER SIZE DRILLS | | | 39 | .0995 | | 15/64 | .2344 | |
| 80 | .0135 | | 38 | .1015 | 5-40 | LETTER B | .2380 | |
| 79 | .0145 | | 37 | .1040 | 5-44 | SIZE C | .2420 | |
| 1/64 | .0156 | | 36 | .1065 | 6-32 | DRILLS D | .2460 | |
| 78 | .0160 | | 7/64 | .1094 | | 1/4 - E | .2500 | |
| 77 | .0180 | | 35 | .1100 | | F | .2570 | 5/16 - 18 |
| 76 | .0200 | | 34 | .1110 | | G | .2610 | |
| 75 | .0210 | | 33 | .1130 | 6-40 | 17/64 | .2656 | |
| 74 | .0225 | | 32 | .1160 | | H | .2660 | |
| 73 | .0240 | | 31 | .1200 | | I | .2720 | 5/16 - 24 |
| 72 | .0250 | | 1/8 | .1250 | | J | .2770 | |
| 71 | .0260 | | 30 | .1285 | | K | .2810 | |
| 70 | .0280 | | 29 | .1360 | 8-32,36 | 9/32 | .2812 | |
| 69 | .0292 | | 28 | .1405 | | L | .2900 | |
| 68 | .0310 | | 9/64 | .1406 | | M | .2950 | |
| 1/32 | .0312 | | 27 | .1440 | | 19/64 | .2969 | |
| 67 | .0320 | | 26 | .1470 | | N | .3020 | |
| 66 | .0330 | | 25 | .1495 | 10-24 | 5/16 | .3125 | 5/16 - 16 |
| 65 | .0350 | | 24 | .1520 | | O | .3160 | |
| 64 | .0360 | | 23 | .1540 | | P | .3230 | |
| 63 | .0370 | | 5/32 | .1562 | | 21/64 | .3281 | |
| 62 | .0380 | | 22 | .1570 | | Q | .3320 | 5/16 - 24 |
| 61 | .0390 | | 21 | .1590 | 10-32 | R | .3390 | |
| 60 | .0400 | | 20 | .1610 | | 11/32 | .3438 | |
| 59 | .0410 | | 19 | .1660 | | S | .3480 | |
| 58 | .0420 | | 18 | .1695 | | T | .3580 | |
| 57 | .0430 | | 11/64 | .1719 | | 23/64 | .3594 | |
| 56 | .0465 | 0-80 | 17 | .1730 | | 3/8 | .3680 | 7/16 - 14 |
| 55 | .0469 | | 16 | .1770 | 12-24 | U | .3750 | |
| 54 | .0520 | | 15 | .1800 | | V | .3770 | |
| 53 | .0550 | | 14 | .1820 | 12-28 | W | .3860 | |
| 1/16 | .0595 | 1-64,72 | 13 | .1850 | | 25/64 | .3906 | 7/16 - 20 |
| 52 | .0625 | | 3/16 | .1875 | | X | .3970 | |
| 51 | .0635 | | 12 | .1890 | | 13/32 | .4040 | |
| 50 | .0670 | 2-56,64 | 11 | .1910 | | 27/64 | .4062 | |
| 49 | .0700 | | 10 | .1935 | | 7/16 | .4219 | 1/2 - 13 |
| 48 | .0730 | | 9 | .1960 | | 29/64 | .4375 | |
| 5/64 | .0760 | | 8 | .1990 | 1/4 - 20 | 15/32 | .4531 | 1/2 - 20 |
| 47 | .0781 | 3-48 | 7 | .2010 | | 64 | .4688 | |
| 46 | .0810 | | 6 | .2031 | | 31/32 | .4844 | 5/16 - 12 |
| 45 | .0820 | 3-56 | 5 | .2040 | | 64 | .5000 | |
| 44 | .0860 | | 4 | .2090 | | 33/64 | .5156 | 5/16 - 18 |
| 43 | .0890 | 4-40 | 3 | .2130 | 1/4 - 28 | 64 | .5312 | 5/16 - 11 |
| 42 | .0935 | 4-48 | 7/32 | .2188 | | 35/64 | .5469 | |
| 3/32 | .0938 | | 2 | .2210 | | 64 | .5625 | |
| 41 | .0960 | | LETTER SIZE DRILLS | .2280 | | 37/64 | .5781 | 5/8 - 18 |
| 40 | .0980 | | A | .2340 | | 64 | | |

| FRACTION OR DRILL SIZE | DECIMAL EQUIVALENT | TAP SIZE | METRIC TAP DRILL SIZES | | |
|-------------------------|--------------------|----------------|------------------------|--------------|-----------------------|
| | | | METRIC TAP | TAP DRILL mm | DECIMAL EQUIV. inches |
| 19/32 | .5938 | | | | |
| 39/64 | .6094 | | M1.6 x 0.35 | 1.25 | .0492 |
| 5/8 | .6250 | | M1.8 x 0.35 | 1.45 | .0571 |
| 41/64 | .6406 | | M2 x 0.4 | 1.60 | .0630 |
| 21/32 | .6562 | 3/4 - 10 | M2.2 x 0.45 | 1.75 | .0689 |
| 43/64 | .6719 | | | | |
| 11/16 | .6875 | 3/4 - 16 | M2.5 x 0.45 | 2.05 | .0807 |
| 45/64 | .7031 | | M3 x 0.5 | 2.50 | .0984 |
| 23/32 | .7188 | | M3.5 x 0.6 | 2.90 | .1142 |
| 47/64 | .7344 | | M4 x 0.7 | 3.30 | .1299 |
| 3/4 | .7500 | | | | |
| 49/64 | .7656 | 7/8 - 9 | M4.5 x 0.75 | 3.70 | .1457 |
| 25/32 | .7812 | | M5 x 0.8 | 4.20 | .1654 |
| 51/64 | .7969 | | M6 x 1 | 5.00 | .1968 |
| 13/16 | .8125 | 7/8 - 14 | M7 x 1 | 6.00 | .2362 |
| 53/64 | .8281 | | | | |
| 27/32 | .8438 | | M8 x 1.25 | 6.70 | .2638 |
| 55/64 | .8594 | | M8 x 1 | 7.00 | .2756 |
| 7/8 | .8750 | 1 - 8 | M10 x 1.5 | 8.50 | .3346 |
| 29/32 | .9062 | | M10 x 1.25 | 8.70 | .3425 |
| 59/64 | .9219 | 1 - 12 | M12 x 1.75 | 10.20 | .4016 |
| 15/16 | .9375 | | M12 x 1.25 | 10.80 | .4252 |
| 31/32 | .9531 | | M14 x 2 | 12.00 | .4724 |
| 1 | .9688 | | M14 x 1.5 | 12.50 | .4921 |
| 13/16 | .9844 | 1 1/8 - 7 | M16 x 2 | 14.00 | .5512 |
| 1 | 1.0000 | | M16 x 1.5 | 14.50 | .5709 |
| 1 1/64 | 1.0469 | 1 1/8 - 12 | M18 x 2.5 | 15.50 | .6102 |
| 1 1/64 | 1.1094 | 1 1/4 - 7 | M18 x 1.5 | 16.50 | .6496 |
| 1 1/8 | 1.1250 | | | | |
| 1 1/16 | 1.1719 | 1 1/4 - 12 | M20 x 2.5 | 17.50 | .6890 |
| 1 1/32 | 1.2188 | 1 1/4 - 12 | M20 x 1.5 | 18.50 | .7283 |
| 1 1/4 | 1.2500 | 1 1/2 - 6 | M22 x 2.5 | 19.50 | .7677 |
| 1 1/8 | 1.2969 | 1 1/2 - 12 | M22 x 1.5 | 20.50 | .8071 |
| 1 1/16 | 1.3438 | 1 1/2 - 6 | M24 x 3 | 21.00 | .8268 |
| 1 1/2 | 1.3750 | | M24 x 2 | 22.00 | .8661 |
| 1 3/64 | 1.4219 | 1 1/2 - 12 | M27 x 3.5 | 24.00 | .9449 |
| 1 1/2 | 1.5000 | | M27 x 2 | 25.00 | .9843 |
| PIPE THREAD SIZES (NPS) | | | | | |
| THREAD | DRILL | THREAD | DRILL | | |
| 1/8 - 27 | 1 1/32 | 1 1/2 - 11 1/2 | 1 1/4 | M30 x 3.5 | 26.50 |
| 1/4 - 18 | 7/16 | 2 - 11 1/2 | 2 1/32 | M30 x 2 | 28.00 |
| 3/8 - 18 | 37/64 | 2 1/2 - 8 | 2 1/8 | M33 x 3.5 | 29.50 |
| 1/2 - 14 | 23/32 | 3 - 8 | 3 1/4 | M33 x 2 | 31.00 |
| 3/4 - 14 | 59/64 | 3 1/2 - 8 | 3 3/4 | M36 x 4 | 32.00 |
| 1 - 11 1/2 | 1 1/2 | 4 - 8 | 4 1/4 | M36 x 3 | 33.00 |
| 1 1/4 - 11 1/2 | 1 1/2 | | | M39 x 4 | 35.00 |
| | | | | M39 x 3 | 36.00 |