


CARBIDE TIPPED TAPER LENGTH DRILLS

ICS USA

SPECIAL PURPOSE

118° POINT

| ITEM NO. | ILLUSTRATION | CUTTING APPLICATION | STEEL SPECS | TECHNICAL DATA |
|--------------|---|--|--------------------------------|---------------------------------------|
| CTTLD |  BRIGHT POLISHED FINISH | For production drilling of cast iron, non-ferrous metals, and non-metals. Does not need rigid set-up like solid carbide. | M1 (Body) CARBIDE TIPPED | 118° Point Std. Spiral Std. Web |

Fractional Sizes (Straight Shank) 1/8 To 1" Dia.

| CARBIDE TIPPED | | | | | CARBIDE TIPPED | | | | | CARBIDE TIPPED | | | | |
|----------------|-------------|--------------|----------------|-----------------------------|----------------|-------------|--------------|----------------|-----------------------------|----------------|-------------|--------------|----------------|-----------------------------|
| SIZE | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | BRIGHT FINISH 118° PT CTTLD | SIZE | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | BRIGHT FINISH 118° PT CTTLD | SIZE | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | BRIGHT FINISH 118° PT CTTLD |
| 1/8 | .1250 | 2-3/4 | 5-1/8 | \$20.52 | 27/64 | .4219 | 4-5/8 | 7-1/4 | \$48.84 | 23/32 | .7188 | 5-5/8 | 9-1/2 | \$80.56 |
| 9/64 | .1406 | 3 | 5-3/8 | 23.56 | 7/16 | .4375 | 4-5/8 | 7-1/4 | 48.84 | 47/64 | .7344 | 5-7/8 | 9-3/4 | 81.06 |
| 5/32 | .1562 | 3 | 5-3/8 | 21.60 | 29/64 | .4531 | 4-3/4 | 7-1/2 | 53.88 | 3/4 | .7500 | 5-7/8 | 9-3/4 | 82.30 |
| 11/64 | .1719 | 3-3/8 | 5-3/4 | 21.98 | 15/32 | .4688 | 4-3/4 | 7-1/2 | 53.88 | 49/64 | .7656 | 6 | 9-7/8 | 82.30 |
| 3/16 | .1875 | 3-3/8 | 5-3/4 | 21.98 | 31/64 | .4844 | 4-3/4 | 7-3/4 | 56.52 | 25/32 | .7812 | 6 | 9-7/8 | 82.30 |
| 13/64 | .2031 | 3-5/8 | 6 | 23.22 | 1/2 | .5000 | 4-3/4 | 7-3/4 | 56.52 | 51/64 | .7969 | 6-1/8 | 10 | 82.30 |
| 7/32 | .2188 | 3-5/8 | 6 | 23.22 | 33/64 | .5156 | 4-3/4 | 8 | 60.66 | 13/16 | .8125 | 6-1/8 | 10 | 89.50 |
| 15/64 | .2344 | 3-3/4 | 6-1/8 | 26.30 | 17/32 | .5312 | 4-3/4 | 8 | 62.06 | 53/64 | .8281 | 6-1/8 | 10 | 89.50 |
| 1/4 | .2500 | 3-3/4 | 6-1/8 | 26.30 | 35/64 | .5469 | 4-7/8 | 8-1/4 | 62.68 | 27/32 | .8438 | 6-1/8 | 10 | 89.50 |
| 17/64 | .2656 | 3-7/8 | 6-1/4 | 29.60 | 9/16 | .5625 | 4-7/8 | 8-1/4 | 62.68 | 55/64 | .8594 | 6-1/8 | 10 | 89.50 |
| 9/32 | .2812 | 3-7/8 | 6-1/4 | 29.60 | 37/64 | .5781 | 4-7/8 | 8-1/4 | 66.04 | 7/8 | .8750 | 6-1/8 | 10 | 94.78 |
| 19/64 | .2969 | 4 | 6-3/8 | 31.86 | 19/32 | .5938 | 4-7/8 | 8-3/4 | 67.18 | 57/64 | .8906 | 6-1/8 | 10 | 94.78 |
| 5/16 | .3125 | 4 | 6-3/8 | 31.86 | 39/64 | .6094 | 4-7/8 | 8-3/4 | 76.14 | 29/32 | .9062 | 6-1/8 | 10 | * |
| 21/64 | .3281 | 4-1/8 | 6-1/2 | 35.02 | 5/8 | .6250 | 4-7/8 | 8-3/4 | 76.14 | 59/64 | .9219 | 6-1/8 | 10-3/4 | * |
| 11/32 | .3438 | 4-1/8 | 6-1/2 | 35.02 | 41/64 | .6406 | 5-1/8 | 9 | 79.04 | 15/16 | .9375 | 6-1/8 | 10-3/4 | 99.32 |
| 23/64 | .3594 | 4-1/4 | 6-3/4 | 38.38 | 21/32 | .6562 | 5-1/8 | 9 | 81.30 | 61/64 | .9531 | 6-3/8 | 11 | 99.32 |
| 3/8 | .3750 | 4-1/4 | 6-3/4 | 38.38 | 43/64 | .6719 | 5-3/8 | 9-1/4 | 81.68 | 31/32 | .9688 | 6-3/8 | 11 | 99.32 |
| 25/64 | .3906 | 4-3/8 | 7 | 42.42 | 11/16 | .6875 | 5-3/8 | 9-1/4 | 78.90 | 63/64 | .9844 | 6-3/8 | 11 | 99.32 |
| 13/32 | .4062 | 4-3/8 | 7 | 42.42 | 45/64 | .7031 | 5-5/8 | 9-1/2 | 79.80 | 1 | 1.0000 | 6-3/8 | 11 | 107.36 |

Metric Sizes (Straight Shank) 5.00mm To 19.00mm Dia.

| CARBIDE TIPPED | | | | | CARBIDE TIPPED | | | | | CARBIDE TIPPED | | | | |
|----------------|-------------|--------------|----------------|------------------------------|----------------|-------------|--------------|----------------|------------------------------|----------------|-------------|--------------|----------------|------------------------------|
| SIZE (mm) | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | BRIGHT FINISH 118° PT CTTLDM | SIZE (mm) | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | BRIGHT FINISH 118° PT CTTLDM | SIZE (mm) | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | BRIGHT FINISH 118° PT CTTLDM |
| 5.00 | .1968 | 3-5/8 | 6 | \$29.68 | 10.00 | .3937 | 4-3/8 | 7 | \$45.66 | 15.00 | .5906 | 4-7/8 | 8-3/4 | \$88.94 |
| 5.50 | .2165 | 3-5/8 | 6 | 31.54 | 10.50 | .4134 | 4-5/8 | 7-1/4 | 52.68 | 15.50 | .6102 | 4-7/8 | 8-3/4 | 100.74 |
| 6.00 | .2362 | 3-3/4 | 6-1/8 | 32.64 | 11.00 | .4331 | 4-5/8 | 7-1/4 | 56.96 | 16.00 | .6299 | 5-1/8 | 9 | 100.74 |
| 6.50 | .2559 | 3-7/8 | 6-1/4 | 33.88 | 11.50 | .4528 | 4-3/4 | 7-1/2 | 63.90 | 16.50 | .6496 | 5-1/8 | 9 | 107.58 |
| 7.00 | .2756 | 3-7/8 | 6-1/4 | 35.38 | 12.00 | .4724 | 4-3/4 | 7-1/2 | 69.12 | 17.00 | .6693 | 5-3/8 | 9-1/4 | 104.42 |
| 7.50 | .2953 | 4 | 6-3/8 | 37.18 | 12.50 | .4921 | 4-3/4 | 7-1/2 | 71.66 | 17.50 | .6890 | 5-5/8 | 9-1/2 | 104.42 |
| 8.00 | .3150 | 4-1/8 | 6-1/2 | 37.98 | 13.00 | .5118 | 4-3/4 | 8 | 73.42 | 18.00 | .7087 | 5-5/8 | 9-1/2 | 106.58 |
| 8.50 | .3346 | 4-1/8 | 6-1/2 | 39.74 | 13.50 | .5315 | 4-3/4 | 8 | 78.06 | 18.50 | .7283 | 5-7/8 | 9-3/4 | 108.90 |
| 9.00 | .3543 | 4-1/4 | 6-3/4 | 40.62 | 14.00 | .5512 | 4-7/8 | 8-1/4 | 82.84 | 19.00 | .7480 | 5-7/8 | 9-3/4 | 108.90 |
| 9.50 | .3740 | 4-1/4 | 6-3/4 | 44.04 | 14.50 | .5709 | 4-7/8 | 8-3/4 | 88.94 | | | | | |

PACKAGING - All Sizes - 1 Drill/Tube

*Prices quoted upon request.