

COATING BASE PRICING FOR DRILLS

| MAX. OAL | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| max. diameter | | 4" | 5" | 6" | 7" | 8" | 10" | 12" | 24" |
| <i>1/8"</i> | 1.01 | 1.06 | 1.46 | 1.65 | 2.91 | 4.38 | 7.58 | 12.61 | 17.29 |
| <i>3/16"</i> | 1.50 | 1.55 | 1.64 | 1.76 | 3.20 | 4.64 | 7.78 | 12.33 | 23.10 |
| <i>1/4"</i> | 2.59 | 2.68 | 3.11 | 3.49 | 3.98 | 7.10 | 10.49 | 14.76 | 25.53 |
| <i>3/8"</i> | 4.58 | 5.84 | 6.96 | 8.13 | 9.20 | 10.46 | 13.16 | 15.79 | 27.96 |
| <i>1/2"</i> | 5.19 | 6.93 | 7.64 | 8.41 | 9.54 | 10.84 | 16.96 | 16.74 | 33.56 |
| <i>5/8"</i> | 5.88 | 7.90 | 9.71 | 10.84 | 11.79 | 14.75 | 19.25 | 20.13 | 40.33 |
| <i>3/4"</i> | 6.79 | 8.61 | 10.45 | 12.54 | 14.61 | 16.76 | 20.66 | 24.74 | 49.31 |
| <i>1"</i> | 9.69 | 11.36 | 13.05 | 14.79 | 17.93 | 21.14 | 27.39 | 28.19 | 56.39 |
| <i>1 1/2"</i> | 13.04 | 16.34 | 19.64 | 22.97 | 27.00 | 31.06 | 38.33 | 47.58 | 95.19 |
| <i>2"</i> | 16.38 | 21.30 | 26.23 | 31.15 | 36.06 | 41.00 | 49.26 | 66.95 | 133.96 |
| <i>2 1/2"</i> | 27.80 | 33.38 | 39.34 | 44.91 | 50.49 | 57.83 | 73.95 | 96.43 | 162.59 |

TIN = BASE PRICE

TICN, FN G = BASE PRICE X 1.35

HL XTR = BASE PRICE X 1.50

ALCRONA, XCD HELICA = BASE PRICE X 2.00

CARBIDE AND CARBIDE TIPPED MULTIPLY ABOVE BY 1.10

COATING BASE PRICING FOR DRILLS

| MAX. OAL | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| max. diameter | 2" | 3" | 4" | 5" | 6" | 7" | 8" | 10" | 12" | 16" | 20" | 24" |
| <i>1/8"</i> | 1.61 | 2.05 | 2.48 | 2.93 | 3.49 | 3.92 | 4.31 | 5.26 | 9.91 | 12.24 | 16.79 | 19.01 |
| <i>1/4"</i> | 3.19 | 4.21 | 4.95 | 6.01 | 7.00 | 7.78 | 8.84 | 10.69 | 19.11 | 20.19 | 29.31 | 36.39 |
| <i>3/8"</i> | 1.09 | 5.61 | 7.19 | 8.59 | 9.80 | 11.01 | 13.85 | 19.99 | 21.20 | 23.96 | 34.80 | 43.28 |
| <i>1/2"</i> | 5.01 | 6.93 | 9.01 | 10.73 | 12.66 | 14.66 | 18.39 | 22.21 | 26.93 | 37.22 | 53.84 | 67.50 |
| <i>5/8"</i> | 5.54 | 7.41 | 9.25 | 11.56 | 13.73 | 16.04 | 19.46 | 22.83 | 27.29 | 37.84 | 56.08 | 64.80 |
| <i>3/4"</i> | 6.79 | 8.85 | 10.94 | 13.40 | 15.86 | 18.19 | 21.70 | 26.69 | 30.95 | 41.26 | 62.39 | 67.19 |
| <i>1"</i> | 8.51 | 11.65 | 14.73 | 16.90 | 18.88 | 20.98 | 23.46 | 29.20 | 40.34 | 45.49 | 64.43 | 76.71 |
| <i>1 1/2"</i> | 13.53 | 17.24 | 21.61 | 24.89 | 27.94 | 31.11 | 34.54 | 39.55 | 47.30 | 52.60 | 68.34 | 78.10 |
| <i>2"</i> | 18.53 | 22.80 | 28.49 | 32.85 | 37.00 | 41.24 | 45.61 | 49.89 | 54.26 | 59.73 | 72.24 | 79.48 |
| <i>2 1/2"</i> | 31.48 | 35.46 | 45.04 | 50.68 | 58.49 | 66.03 | 74.88 | 92.18 | 111.90 | 120.83 | 141.60 | 150.79 |
| <i>3"</i> | 62.94 | 62.94 | 62.94 | 62.94 | 125.88 | 125.88 | 125.88 | 128.88 | 125.88 | 249.21 | 249.21 | 249.21 |

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CARBIDE AND CARBIDE TIPPED MULTIPLY ABOVE BY 1.10

COATING BASE PRICING FOR TAPS

TAPS

| TAP SIZE | UP TO 7" | UP TO 12" |
|----------|----------|-----------|
| 1/8" | 1.62 | 7.23 |
| 1/4" | 3.19 | 9.85 |
| 3/8" | 5.62 | 13.95 |
| 1/2" | 6.93 | 22.22 |
| 5/8" | 9.25 | 22.83 |
| 3/4" | 10.94 | 26.69 |
| 1" | 16.9 | 29.40 |
| 2" | 41.24 | 62.68 |

PIPE TAP

| TAP SIZE | UP TO 7" | UP TO 12" |
|----------|----------|-----------|
| 1/8" | 4.09 | 13.95 |
| 1/4" | 6.79 | 26.69 |
| 1/2" | 9.29 | 28.03 |
| 3/4" | 11.65 | 29.40 |
| 2" | 30.45 | 85.32 |

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CARBIDE AND CARBIDE TIPPED MULTIPLY ABOVE BY 1.10

COATING BASE PRICING FOR SPADE BLADES

| DESCRIPTION | SIZE | THICKNESS | EACH |
|-------------|-----------------------|-----------|-------|
| SERIES "AA" | 15/16" to 1-3/8" DIA | 3/16" | 5.88 |
| SERIES "A" | 31/32" to 1-3/8" DIA | 1/4" | 6.66 |
| SERIES "B" | 1-1/4" to 1-3/4" DIA | 9/32" | 7.41 |
| SERIES "C" | 1-1/2" to 1-3/4" DIA | 5/16" | 9.10 |
| SERIES "D" | 2" to 2-7/8" DIA | 3/8" | 18.10 |
| SERIES "E" | 2-1/2" to 3-3/8" DIA | 7/16" | 21.57 |
| SERIES "F" | 3" to 3-7/8" DIA | 1/2" | 29.56 |
| SERIES "G" | 3-1/2" to 4-1/2" DIA | 5/8" | 44.32 |
| SERIES "H" | 4" to 4-1/2" DIA | 11/16" | 66.46 |
| | 4-9/16" to 7-1/2" DIA | 3/4" | 99.68 |

| DESCRIPTION | SIZE | THICKNESS | EACH |
|-------------------|----------------|-----------|-------|
| SERIES "0" & "00" | .250 to .695 | 1/8" | 2.70 |
| SERIES "1" | .696 to .960 | 5/32" | 3.33 |
| SERIES "2" | .961 to 1.380 | 3/16" | 5.61 |
| SERIES "3" | 1.353 to 1.882 | 1/4" | 7.90 |
| SERIES "4" | 1.853 to 2.570 | 5/16" | 10.20 |
| SERIES "5" | 2.571 to 3.00 | 7/16" | 12.50 |
| SERIES "6" | 3.001 to 3.507 | 7/16" | 16.30 |
| SERIES "7" | 3.508 to 4.00 | 7/16" | 17.61 |
| SERIES "8" | 4.001 to 5.000 | 7/16" | 21.57 |

SIZES ABOVE SERIES "H" ARE PRICED ON APPLICATION

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CARBIDE AND CARBIDE TIPPED MULTIPLY ABOVE BY 1.10