# 10xD

# Series 217

## General Purpose

HSS, general purpose (Type N), taper length, 118° point, Form A web thinned >14.0mm dia., standard straight shank, RH helix

Cut / Shank Dia. = h8 tolerance range

Steam Oxide
>2.36 mm dia.

External Coolant

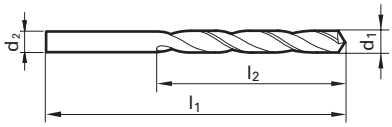
Straight Shank

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Application Materials:

- General Steels/Brass
- Universal Steels
- Cast Iron






$d_1 = d_2$

| Diameter (d1) Dec. inch | Fract. inch | Wire / letter | mm | l1 mm | l2 mm |
|---|---|---|---|---|---|
| 0.0157 | 1/64 | | 0.400 | 30.00 | 10.00 |
| 0.0173 | | | 0.440 | 30.00 | 10.00 |
| 0.0185 | | | 0.470 | 30.00 | 10.00 |
| 0.0197 | | | 0.500 | 32.00 | 12.00 |
| 0.0205 | | | 0.520 | 32.00 | 12.00 |
| 0.0217 | | | 0.550 | 35.00 | 15.00 |
| 0.0224 | | 74 | 0.570 | 35.00 | 15.00 |
| 0.0236 | | | 0.600 | 35.00 | 15.00 |
| 0.0244 | | | 0.620 | 38.00 | 18.00 |
| 0.0256 | | | 0.650 | 38.00 | 18.00 |
| 0.0276 | | | 0.700 | 42.00 | 21.00 |
| 0.0287 | | | 0.730 | 42.00 | 21.00 |
| 0.0295 | | | 0.750 | 42.00 | 21.00 |
| 0.0299 | | | 0.760 | 46.00 | 25.00 |
| 0.0311 | 1/32 | 68 | 0.790 | 46.00 | 25.00 |
| 0.0315 | | | 0.800 | 46.00 | 25.00 |
| 0.0323 | | | 0.820 | 46.00 | 25.00 |
| 0.0335 | | | 0.850 | 46.00 | 25.00 |
| 0.0354 | | | 0.900 | 51.00 | 29.00 |
| 0.0362 | | | 0.920 | 51.00 | 29.00 |
| 0.0374 | | | 0.950 | 51.00 | 29.00 |
| 0.0382 | | 62 | 0.970 | 56.00 | 33.00 |
| 0.0394 | | | 1.000 | 56.00 | 33.00 |
| 0.0402 | | 60 | 1.020 | 56.00 | 33.00 |
| 0.0413 | | | 1.050 | 56.00 | 33.00 |
| 0.0421 | | 58 | 1.070 | 60.00 | 37.00 |
| 0.0429 | | 57 | 1.090 | 60.00 | 37.00 |
| 0.0433 | | | 1.100 | 60.00 | 37.00 |
| 0.0441 | | | 1.120 | 60.00 | 37.00 |
| 0.0453 | | | 1.150 | 60.00 | 37.00 |
| 0.0465 | | 56 | 1.180 | 60.00 | 37.00 |
| 0.0469 | 3/64 | | 1.190 | 65.00 | 41.00 |
| 0.0472 | | | 1.200 | 65.00 | 41.00 |
| 0.0492 | | | 1.250 | 65.00 | 41.00 |
| 0.0512 | | | 1.300 | 65.00 | 41.00 |
| 0.0520 | | 55 | 1.320 | 65.00 | 41.00 |
| 0.0531 | | | 1.350 | 70.00 | 45.00 |
| 0.0551 | | 54 | 1.400 | 70.00 | 45.00 |
| 0.0571 | | | 1.450 | 70.00 | 45.00 |
| 0.0591 | | | 1.500 | 70.00 | 45.00 |
| 0.0594 | | 53 | 1.510 | 76.00 | 50.00 |
| 0.0610 | | | 1.550 | 76.00 | 50.00 |
| 0.0626 | 1/16 | | 1.590 | 76.00 | 50.00 |
| 0.0630 | | | 1.600 | 76.00 | 50.00 |
| 0.0634 | | 52 | 1.610 | 76.00 | 50.00 |
| 0.0650 | | | 1.650 | 76.00 | 50.00 |
| 0.0669 | | 51 | 1.700 | 76.00 | 50.00 |
| 0.0689 | | | 1.750 | 80.00 | 53.00 |
| 0.0701 | | 50 | 1.780 | 80.00 | 53.00 |
| 0.0709 | | | 1.800 | 80.00 | 53.00 |
| 0.0728 | | 49 | 1.850 | 80.00 | 53.00 |
| 0.0748 | | | 1.900 | 80.00 | 53.00 |
| 0.0760 | | 48 | 1.930 | 85.00 | 56.00 |
| 0.0768 | | | 1.950 | 85.00 | 56.00 |
| 0.0780 | 5/64 | | 1.980 | 85.00 | 56.00 |
| 0.0787 | | | 2.000 | 85.00 | 56.00 |
| 0.0799 | | | 2.030 | 85.00 | 56.00 |
| 0.0807 | | | 2.050 | 85.00 | 56.00 |
| 0.0811 | | 46 | 2.060 | 85.00 | 56.00 |
| 0.0819 | | 45 | 2.080 | 85.00 | 56.00 |
| 0.0827 | | | 2.100 | 85.00 | 56.00 |
| 0.0846 | | | 2.150 | 90.00 | 59.00 |
| 0.0858 | | 44 | 2.180 | 90.00 | 59.00 |
| 0.0866 | | | 2.200 | 90.00 | 59.00 |
| 0.0886 | | | 2.250 | 90.00 | 59.00 |
| 0.0890 | | 43 | 2.260 | 90.00 | 59.00 |
| 0.0906 | | | 2.300 | 90.00 | 59.00 |
| 0.0913 | | | 2.320 | 90.00 | 59.00 |
| 0.0925 | | | 2.350 | 90.00 | 59.00 |
| 0.0933 | | 42 | 2.370 | 95.00 | 62.00 |
| 0.0937 | 3/32 | | 2.380 | 95.00 | 62.00 |
| 0.0945 | | | 2.400 | 95.00 | 62.00 |
| 0.0961 | | 41 | 2.440 | 95.00 | 62.00 |
| 0.0965 | | | 2.450 | 95.00 | 62.00 |
| 0.0980 | | 40 | 2.490 | 95.00 | 62.00 |
| 0.0984 | | | 2.500 | 95.00 | 62.00 |
| 0.0996 | | 39 | 2.530 | 95.00 | 62.00 |
| 0.1004 | | | 2.550 | 95.00 | 62.00 |
| 0.1016 | | 38 | 2.580 | 95.00 | 62.00 |
| 0.1024 | | | 2.600 | 95.00 | 62.00 |
| 0.1031 | | | 2.620 | 95.00 | 62.00 |
| 0.1039 | | 37 | 2.640 | 95.00 | 62.00 |
| 0.1043 | | | 2.650 | 95.00 | 62.00 |
| 0.1063 | | | 2.700 | 100.00 | 66.00 |
| 0.1067 | | 36 | 2.710 | 100.00 | 66.00 |
| 0.1083 | | | 2.750 | 100.00 | 66.00 |
| 0.1094 | 7/64 | | 2.780 | 100.00 | 66.00 |
| 0.1098 | | 35 | 2.790 | 100.00 | 66.00 |
| 0.1102 | | | 2.800 | 100.00 | 66.00 |
| 0.1122 | | | 2.850 | 100.00 | 66.00 |
| 0.1130 | | 33 | 2.870 | 100.00 | 66.00 |
| 0.1142 | | | 2.900 | 100.00 | 66.00 |
| 0.1161 | | 32 | 2.950 | 100.00 | 66.00 |
| 0.1181 | | | 3.000 | 100.00 | 66.00 |
| 0.1201 | | 31 | 3.050 | 106.00 | 69.00 |
| 0.1220 | | | 3.100 | 106.00 | 69.00 |
| 0.1240 | | | 3.150 | 106.00 | 69.00 |
| 0.1248 | 1/8 | | 3.170 | 106.00 | 69.00 |
| 0.1260 | | | 3.200 | 106.00 | 69.00 |
| 0.1280 | | | 3.250 | 106.00 | 69.00 |
| 0.1283 | | 30 | 3.260 | 106.00 | 69.00 |
| 0.1299 | | | 3.300 | 106.00 | 69.00 |
| 0.1319 | | | 3.350 | 106.00 | 69.00 |
| 0.1339 | | | 3.400 | 112.00 | 73.00 |
| 0.1358 | | 29 | 3.450 | 112.00 | 73.00 |
| 0.1378 | | | 3.500 | 112.00 | 73.00 |
| 0.1398 | | | 3.550 | 112.00 | 73.00 |
| 0.1406 | 9/64 | 28 | 3.570 | 112.00 | 73.00 |
| 0.1417 | | | 3.600 | 112.00 | 73.00 |
| 0.1437 | | | 3.650 | 112.00 | 73.00 |
| 0.1441 | | 27 | 3.660 | 112.00 | 73.00 |
| 0.1457 | | | 3.700 | 112.00 | 73.00 |
| 0.1476 | | | 3.750 | 112.00 | 73.00 |
| 0.1496 | | 25 | 3.800 | 119.00 | 78.00 |
| 0.1516 | | | 3.850 | 119.00 | 78.00 |
| 0.1520 | | 24 | 3.860 | 119.00 | 78.00 |
| 0.1535 | | | 3.900 | 119.00 | 78.00 |
| 0.1539 | | 23 | 3.910 | 119.00 | 78.00 |
| 0.1555 | | | 3.950 | 119.00 | 78.00 |
| 0.1563 | 5/32 | | 3.970 | 119.00 | 78.00 |
| 0.1571 | | 22 | 3.990 | 119.00 | 78.00 |
| 0.1575 | | | 4.000 | 119.00 | 78.00 |
| 0.1591 | | 21 | 4.040 | 119.00 | 78.00 |
| 0.1594 | | | 4.050 | 119.00 | 78.00 |
| 0.1610 | | 20 | 4.090 | 119.00 | 78.00 |
| 0.1614 | | | 4.100 | 119.00 | 78.00 |
| 0.1634 | | | 4.150 | 119.00 | 78.00 |
| 0.1654 | | | 4.200 | 119.00 | 78.00 |
| 0.1661 | | 19 | 4.220 | 119.00 | 78.00 |
| 0.1673 | | | 4.250 | 119.00 | 78.00 |
| 0.1693 | | 18 | 4.300 | 126.00 | 82.00 |
| 0.1713 | | | 4.350 | 126.00 | 82.00 |
| 0.1720 | 11/64 | | 4.370 | 126.00 | 82.00 |
| 0.1728 | | 17 | 4.390 | 126.00 | 82.00 |
| 0.1732 | | | 4.400 | 126.00 | 82.00 |
| 0.1752 | | | 4.450 | 126.00 | 82.00 |
| 0.1772 | | 16 | 4.500 | 126.00 | 82.00 |
| 0.1799 | | 15 | 4.570 | 126.00 | 82.00 |
| 0.1811 | | | 4.600 | 126.00 | 82.00 |
| 0.1819 | | 14 | 4.620 | 126.00 | 82.00 |
| 0.1831 | | | 4.650 | 126.00 | 82.00 |
| 0.1850 | | 13 | 4.700 | 126.00 | 82.00 |
| 0.1870 | | | 4.750 | 126.00 | 82.00 |
| 0.1874 | 3/16 | | 4.760 | 132.00 | 87.00 |
| 0.1890 | | 12 | 4.800 | 132.00 | 87.00 |
| 0.1909 | | 11 | 4.850 | 132.00 | 87.00 |
| 0.1929 | | | 4.900 | 132.00 | 87.00 |
| 0.1937 | | 10 | 4.920 | 132.00 | 87.00 |
| 0.1949 | | | 4.950 | 132.00 | 87.00 |
| 0.1961 | | 9 | 4.980 | 132.00 | 87.00 |
| 0.1969 | | | 5.000 | 132.00 | 87.00 |
| 0.1988 | | | 5.050 | 132.00 | 87.00 |
| 0.1992 | | 8 | 5.060 | 132.00 | 87.00 |
| 0.2008 | | | 5.100 | 132.00 | 87.00 |
| 0.2012 | | 7 | 5.110 | 132.00 | 87.00 |
| 0.2028 | | | 5.150 | 132.00 | 87.00 |
| 0.2031 | 13/64 | | 5.160 | 132.00 | 87.00 |
| 0.2039 | | 6 | 5.180 | 132.00 | 87.00 |
| 0.2047 | | | 5.200 | 132.00 | 87.00 |
| 0.2055 | | 5 | 5.220 | 132.00 | 87.00 |
| 0.2067 | | | 5.250 | 132.00 | 87.00 |
| 0.2087 | | | 5.300 | 132.00 | 87.00 |

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To order: Series Number + mm, ex: 3518 3.500

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# Series 217

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| Diameter (d1) | | | | | |
|---|---|---|---|---|---|
| Dec. inch | Fract. inch | Wire / letter | mm | l1 mm | l2 mm |
| 0.2091 | | 4 | 5.310 | 139.00 | 91.00 |
| 0.2106 | | | 5.350 | 139.00 | 91.00 |
| 0.2126 | | | 5.400 | 139.00 | 91.00 |
| 0.2130 | | 3 | 5.410 | 139.00 | 91.00 |
| 0.2146 | | | 5.450 | 139.00 | 91.00 |
| 0.2165 | | | 5.500 | 139.00 | 91.00 |
| 0.2185 | | | 5.550 | 139.00 | 91.00 |
| 0.2189 | 7/32 | | 5.560 | 139.00 | 91.00 |
| 0.2205 | | | 5.600 | 139.00 | 91.00 |
| 0.2209 | | 2 | 5.610 | 139.00 | 91.00 |
| 0.2224 | | | 5.650 | 139.00 | 91.00 |
| 0.2244 | | | 5.700 | 139.00 | 91.00 |
| 0.2264 | | | 5.750 | 139.00 | 91.00 |
| 0.2280 | | 1 | 5.790 | 139.00 | 91.00 |
| 0.2283 | | | 5.800 | 139.00 | 91.00 |
| 0.2303 | | | 5.850 | 139.00 | 91.00 |
| 0.2323 | | | 5.900 | 139.00 | 91.00 |
| 0.2343 | 15/64 | | 5.950 | 139.00 | 91.00 |
| 0.2362 | | | 6.000 | 139.00 | 91.00 |
| 0.2402 | | | 6.100 | 148.00 | 97.00 |
| 0.2421 | | C | 6.150 | 148.00 | 97.00 |
| 0.2441 | | | 6.200 | 148.00 | 97.00 |
| 0.2461 | | D | 6.250 | 148.00 | 97.00 |
| 0.2480 | | | 6.300 | 148.00 | 97.00 |
| 0.2500 | 1/4 | E | 6.350 | 148.00 | 97.00 |
| 0.2520 | | | 6.400 | 148.00 | 97.00 |
| 0.2559 | | | 6.500 | 148.00 | 97.00 |
| 0.2598 | | | 6.600 | 148.00 | 97.00 |
| 0.2638 | | | 6.700 | 148.00 | 97.00 |
| 0.2657 | 17/64 | H | 6.750 | 156.00 | 102.00 |
| 0.2677 | | | 6.800 | 156.00 | 102.00 |
| 0.2717 | | I | 6.900 | 156.00 | 102.00 |
| 0.2756 | | | 7.000 | 156.00 | 102.00 |
| 0.2795 | | | 7.100 | 156.00 | 102.00 |
| 0.2811 | 9/32 | K | 7.140 | 156.00 | 102.00 |
| 0.2835 | | | 7.200 | 156.00 | 102.00 |
| 0.2854 | | | 7.250 | 156.00 | 102.00 |
| 0.2874 | | | 7.300 | 156.00 | 102.00 |
| 0.2913 | | | 7.400 | 156.00 | 102.00 |
| 0.2953 | | | 7.500 | 156.00 | 102.00 |
| 0.2969 | 19/64 | | 7.540 | 165.00 | 109.00 |
| 0.2992 | | | 7.600 | 165.00 | 109.00 |
| 0.3031 | | | 7.700 | 165.00 | 109.00 |
| 0.3051 | | | 7.750 | 165.00 | 109.00 |
| 0.3071 | | | 7.800 | 165.00 | 109.00 |
| 0.3110 | | | 7.900 | 165.00 | 109.00 |
| 0.3126 | 5/16 | | 7.940 | 165.00 | 109.00 |
| 0.3150 | | | 8.000 | 165.00 | 109.00 |
| 0.3189 | | | 8.100 | 165.00 | 109.00 |
| 0.3228 | | P | 8.200 | 165.00 | 109.00 |
| 0.3248 | | | 8.250 | 165.00 | 109.00 |
| 0.3268 | | | 8.300 | 165.00 | 109.00 |
| 0.3280 | 21/64 | | 8.330 | 165.00 | 109.00 |
| 0.3307 | | | 8.400 | 165.00 | 109.00 |
| 0.3346 | | | 8.500 | 165.00 | 109.00 |
| 0.3386 | | | 8.600 | 175.00 | 115.00 |

| Diameter (d1) | | | | | |
|---|---|---|---|---|---|
| Dec. inch | Fract. inch | Wire / letter | mm | l1 mm | l2 mm |
| 0.3425 | | | 8.700 | 175.00 | 115.00 |
| 0.3437 | 11/32 | | 8.730 | 175.00 | 115.00 |
| 0.3445 | | | 8.750 | 175.00 | 115.00 |
| 0.3465 | | | 8.800 | 175.00 | 115.00 |
| 0.3504 | | | 8.900 | 175.00 | 115.00 |
| 0.3543 | | | 9.000 | 175.00 | 115.00 |
| 0.3583 | | | 9.100 | 175.00 | 115.00 |
| 0.3594 | 23/64 | | 9.130 | 175.00 | 115.00 |
| 0.3622 | | | 9.200 | 175.00 | 115.00 |
| 0.3642 | | | 9.250 | 175.00 | 115.00 |
| 0.3661 | | | 9.300 | 175.00 | 115.00 |
| 0.3701 | | | 9.400 | 175.00 | 115.00 |
| 0.3740 | | | 9.500 | 175.00 | 115.00 |
| 0.3748 | 3/8 | | 9.520 | 184.00 | 121.00 |
| 0.3780 | | | 9.600 | 184.00 | 121.00 |
| 0.3819 | | | 9.700 | 184.00 | 121.00 |
| 0.3839 | | | 9.750 | 184.00 | 121.00 |
| 0.3858 | | W | 9.800 | 184.00 | 121.00 |
| 0.3898 | | | 9.900 | 184.00 | 121.00 |
| 0.3906 | 25/64 | | 9.920 | 184.00 | 121.00 |
| 0.3937 | | | 10.000 | 184.00 | 121.00 |
| 0.3976 | | | 10.100 | 184.00 | 121.00 |
| 0.4016 | | | 10.200 | 184.00 | 121.00 |
| 0.4035 | | | 10.250 | 184.00 | 121.00 |
| 0.4055 | | | 10.300 | 184.00 | 121.00 |
| 0.4063 | 13/32 | | 10.320 | 184.00 | 121.00 |
| 0.4094 | | | 10.400 | 184.00 | 121.00 |
| 0.4134 | | | 10.500 | 184.00 | 121.00 |
| 0.4173 | | | 10.600 | 184.00 | 121.00 |
| 0.4213 | | | 10.700 | 195.00 | 128.00 |
| 0.4220 | 27/64 | | 10.720 | 195.00 | 128.00 |
| 0.4232 | | | 10.750 | 195.00 | 128.00 |
| 0.4252 | | | 10.800 | 195.00 | 128.00 |
| 0.4291 | | | 10.900 | 195.00 | 128.00 |
| 0.4331 | | | 11.000 | 195.00 | 128.00 |
| 0.4374 | 7/16 | | 11.110 | 195.00 | 128.00 |
| 0.4409 | | | 11.200 | 195.00 | 128.00 |
| 0.4429 | | | 11.250 | 195.00 | 128.00 |
| 0.4449 | | | 11.300 | 195.00 | 128.00 |
| 0.4488 | | | 11.400 | 195.00 | 128.00 |
| 0.4528 | | | 11.500 | 195.00 | 128.00 |
| 0.4531 | 29/64 | | 11.510 | 195.00 | 128.00 |
| 0.4567 | | | 11.600 | 195.00 | 128.00 |
| 0.4626 | | | 11.750 | 195.00 | 128.00 |
| 0.4646 | | | 11.800 | 195.00 | 128.00 |
| 0.4689 | 15/32 | | 11.910 | 205.00 | 134.00 |
| 0.4724 | | | 12.000 | 205.00 | 134.00 |
| 0.4764 | | | 12.100 | 205.00 | 134.00 |
| 0.4803 | | | 12.200 | 205.00 | 134.00 |
| 0.4823 | | | 12.250 | 205.00 | 134.00 |
| 0.4843 | 31/64 | | 12.300 | 205.00 | 134.00 |
| 0.4921 | | | 12.500 | 205.00 | 134.00 |
| 0.5000 | 1/2 | | 12.700 | 205.00 | 134.00 |
| 0.5020 | | | 12.750 | 205.00 | 134.00 |
| 0.5039 | | | 12.800 | 205.00 | 134.00 |
| 0.5118 | | | 13.000 | 205.00 | 134.00 |

| Diameter (d1) | | | | | |
|---|---|---|---|---|---|
| Dec. inch | Fract. inch | Wire / letter | mm | l1 mm | l2 mm |
| 0.5157 | 33/64 | | 13.100 | 205.00 | 134.00 |
| 0.5197 | | | 13.200 | 205.00 | 134.00 |
| 0.5311 | 17/32 | | 13.490 | 214.00 | 140.00 |
| 0.5315 | | | 13.500 | 214.00 | 140.00 |
| 0.5413 | | | 13.750 | 214.00 | 140.00 |
| 0.5433 | | | 13.800 | 214.00 | 140.00 |
| 0.5469 | 35/64 | | 13.890 | 214.00 | 140.00 |
| 0.5512 | | | 14.000 | 214.00 | 140.00 |
| 0.5591 | | | 14.200 | 220.00 | 144.00 |
| 0.5610 | | | 14.250 | 220.00 | 144.00 |
| 0.5626 | 9/16 | | 14.290 | 220.00 | 144.00 |
| 0.5709 | | | 14.500 | 220.00 | 144.00 |
| 0.5780 | 37/64 | | 14.680 | 220.00 | 144.00 |
| 0.5906 | | | 15.000 | 220.00 | 144.00 |
| 0.5937 | 19/32 | | 15.080 | 227.00 | 149.00 |
| 0.6004 | | | 15.250 | 227.00 | 149.00 |
| 0.6063 | | | 15.400 | 227.00 | 149.00 |
| 0.6094 | 39/64 | | 15.480 | 227.00 | 149.00 |
| 0.6102 | | | 15.500 | 227.00 | 149.00 |
| 0.6248 | 5/8 | | 15.870 | 227.00 | 149.00 |
| 0.6299 | | | 16.000 | 227.00 | 149.00 |
| 0.6406 | 41/64 | | 16.270 | 235.00 | 154.00 |
| 0.6496 | | | 16.500 | 235.00 | 154.00 |
| 0.6563 | 21/32 | | 16.670 | 235.00 | 154.00 |
| 0.6693 | | | 17.000 | 235.00 | 154.00 |
| 0.6720 | 43/64 | | 17.070 | 241.00 | 158.00 |
| 0.6874 | 11/16 | | 17.460 | 241.00 | 158.00 |
| 0.6890 | | | 17.500 | 241.00 | 158.00 |
| 0.7087 | | | 18.000 | 241.00 | 158.00 |
| 0.7185 | | | 18.250 | 247.00 | 162.00 |
| 0.7189 | 23/32 | | 18.260 | 247.00 | 162.00 |
| 0.7283 | | | 18.500 | 247.00 | 162.00 |
| 0.7343 | 47/64 | | 18.650 | 247.00 | 162.00 |
| 0.7480 | | | 19.000 | 247.00 | 162.00 |
| 0.7500 | 3/4 | | 19.050 | 254.00 | 166.00 |
| 0.7677 | | | 19.500 | 254.00 | 166.00 |
| 0.7811 | 25/32 | | 19.840 | 254.00 | 166.00 |
| 0.7874 | | | 20.000 | 254.00 | 166.00 |
| 0.8071 | | | 20.500 | 261.00 | 171.00 |
| 0.8126 | 13/16 | | 20.640 | 261.00 | 171.00 |
| 0.8169 | | | 20.750 | 261.00 | 171.00 |
| 0.8268 | | | 21.000 | 261.00 | 171.00 |
| 0.8465 | | | 21.500 | 268.00 | 176.00 |
| 0.8661 | | | 22.000 | 268.00 | 176.00 |
| 0.8748 | 7/8 | | 22.220 | 268.00 | 176.00 |
| 0.9374 | 15/16 | | 23.810 | 282.00 | 185.00 |
| 0.9449 | | | 24.000 | 282.00 | 185.00 |
| 0.9843 | 63/64 | | 25.000 | 282.00 | 185.00 |

**Alternative Drill Series:**

#667 HSS, GP, 10xD, 118 pt, TiN
#317 Cobalt, GP, 10xD, 118 pt, Oxide
#617 Cobalt, Ti, 10xD, 130 pt, Bright
#669 Cobalt, Ti, 10xD, 130 pt, TiN

*To order: Series number + mm, ex. 5518 3.000*

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