

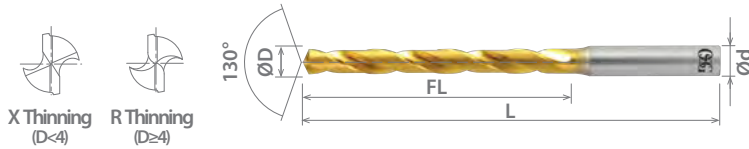


List 1500

EX-GOLD EX-GDR

| | | | | | | |
|--------------------------|---------------|------------|----------------|---------------|------------|--------------------------|
| SPEED FEED 352 | HSS-Co | TIN | 2 FLUTE | JOBBER | 30° | PACKED 1 PIECE |
|--------------------------|---------------|------------|----------------|---------------|------------|--------------------------|

| Cutting Diameter Tolerance (h8) | | |
|---------------------------------|-------------|--------------|
| Size (mm) | mm | inch |
| 1.994 ≤ D ≤ 3 | +0 / -0.014 | +0 / -0.0006 |
| 3 < D ≤ 6 | +0 / -0.018 | +0 / -0.0007 |
| 6 < D ≤ 10 | +0 / -0.022 | +0 / -0.0009 |
| 10 < D ≤ 18 | +0 / -0.027 | +0 / -0.0011 |
| 18 < D ≤ 19.05 | +0 / -0.033 | +0 / -0.0013 |



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

| EDP Number | | Diameter (D) | | | | | Flute Length FL (mm) | Overall Length L (mm) | Shank Diameter d (in) |
|------------|---|-----------------|-----------|-------------|-------|---------|-------------------------|--------------------------|--------------------------|
| | | Fractional Size | Wire Gage | Letter Size | mm | Inch | | | |
| 15078505 | ● | - | 47 | - | 1.994 | 0.07850 | 25.00 | 57.00 | 0.125 |
| 15081005 | ● | - | 46 | - | 2.057 | 0.08100 | 28.00 | 60.00 | 0.125 |
| 15082005 | ● | - | 45 | - | 2.083 | 0.08200 | 28.00 | 60.00 | 0.125 |
| 15086005 | ● | - | 44 | - | 2.184 | 0.08600 | 28.00 | 60.00 | 0.125 |
| 15089005 | ● | - | 43 | - | 2.261 | 0.08900 | 31.00 | 63.00 | 0.125 |
| 15093505 | ● | - | 42 | - | 2.375 | 0.09350 | 31.00 | 63.00 | 0.125 |
| 15093805 | ● | 3/32 | - | - | 2.381 | 0.09375 | 31.00 | 63.00 | 0.125 |
| 15096005 | ● | - | 41 | - | 2.438 | 0.09600 | 34.00 | 66.00 | 0.125 |
| 15098005 | ● | - | 40 | - | 2.489 | 0.09800 | 34.00 | 66.00 | 0.125 |
| 15099505 | ● | - | 39 | - | 2.527 | 0.09950 | 34.00 | 71.00 | 0.188 |
| 15101505 | ● | - | 38 | - | 2.578 | 0.10150 | 36.00 | 73.00 | 0.188 |
| 15104005 | ● | - | 37 | - | 2.642 | 0.10400 | 36.00 | 73.00 | 0.188 |
| 15106505 | ● | - | 36 | - | 2.705 | 0.10650 | 36.00 | 73.00 | 0.188 |
| 15109405 | ● | 7/64 | - | - | 2.778 | 0.10938 | 38.00 | 74.00 | 0.188 |
| 15110005 | ● | - | 35 | - | 2.794 | 0.11000 | 38.00 | 74.00 | 0.188 |
| 15111005 | ● | - | 34 | - | 2.819 | 0.11100 | 38.00 | 74.00 | 0.188 |
| 15113005 | ● | - | 33 | - | 2.870 | 0.11300 | 38.00 | 74.00 | 0.188 |
| 15116005 | ● | - | 32 | - | 2.946 | 0.11600 | 41.00 | 77.00 | 0.188 |
| 15120005 | ● | - | 31 | - | 3.048 | 0.12000 | 41.00 | 77.00 | 0.188 |
| 15125005 | ● | 1/8 | - | - | 3.175 | 0.12500 | 41.00 | 77.00 | 0.188 |
| 15128505 | ● | - | 30 | - | 3.264 | 0.12850 | 41.00 | 77.00 | 0.188 |
| 15136005 | ● | - | 29 | - | 3.454 | 0.13600 | 44.00 | 80.00 | 0.188 |
| 15140505 | ● | - | 28 | - | 3.569 | 0.14050 | 44.00 | 80.00 | 0.188 |
| 15140605 | ● | 9/64 | - | - | 3.572 | 0.14063 | 44.00 | 80.00 | 0.188 |
| 15144005 | ● | - | 27 | - | 3.658 | 0.14400 | 47.00 | 84.00 | 0.188 |
| 15147005 | ● | - | 26 | - | 3.734 | 0.14700 | 47.00 | 84.00 | 0.188 |
| 15149505 | ● | - | 25 | - | 3.797 | 0.14950 | 47.00 | 84.00 | 0.188 |
| 15152005 | ● | - | 24 | - | 3.861 | 0.15200 | 50.00 | 87.00 | 0.188 |
| 15154005 | ● | - | 23 | - | 3.912 | 0.15400 | 50.00 | 87.00 | 0.188 |
| 15156205 | ● | 5/32 | - | - | 3.969 | 0.15625 | 50.00 | 87.00 | 0.188 |
| 15157005 | ● | - | 22 | - | 3.988 | 0.15700 | 50.00 | 87.00 | 0.188 |
| 15159005 | ● | - | 21 | - | 4.039 | 0.15900 | 53.00 | 90.00 | 0.188 |
| 15161005 | ● | - | 20 | - | 4.089 | 0.16100 | 53.00 | 90.00 | 0.188 |
| 15166005 | ● | - | 19 | - | 4.216 | 0.16600 | 53.00 | 90.00 | 0.188 |
| 15169505 | ● | - | 18 | - | 4.305 | 0.16950 | 53.00 | 90.00 | 0.188 |
| 15171905 | ● | 11/64 | - | - | 4.366 | 0.17188 | 53.00 | 90.00 | 0.188 |
| 15173005 | ● | - | 17 | - | 4.394 | 0.17300 | 55.00 | 92.00 | 0.188 |
| 15177005 | ● | - | 16 | - | 4.496 | 0.17700 | 55.00 | 92.00 | 0.188 |
| 15180005 | ● | - | 15 | - | 4.572 | 0.18000 | 55.00 | 92.00 | 0.188 |
| 15182005 | ● | - | 14 | - | 4.623 | 0.18200 | 55.00 | 92.00 | 0.188 |
| 15185005 | ● | - | 13 | - | 4.699 | 0.18500 | 58.00 | 95.00 | 0.188 |
| 15187505 | ● | 3/16 | - | - | 4.763 | 0.18750 | 58.00 | 95.00 | 0.188 |
| 15189005 | ● | - | 12 | - | 4.801 | 0.18900 | 58.00 | 104.00 | 0.250 |
| 15191005 | ● | - | 11 | - | 4.851 | 0.19100 | 58.00 | 104.00 | 0.250 |
| 15193505 | ● | - | 10 | - | 4.915 | 0.19350 | 61.00 | 107.00 | 0.250 |
| 15196005 | ● | - | 9 | - | 4.978 | 0.19600 | 61.00 | 107.00 | 0.250 |
| 15199005 | ● | - | 8 | - | 5.055 | 0.19900 | 61.00 | 107.00 | 0.250 |
| 15201005 | ● | - | 7 | - | 5.105 | 0.20100 | 61.00 | 107.00 | 0.250 |
| 15203105 | ● | 13/64 | - | - | 5.159 | 0.20313 | 61.00 | 107.00 | 0.250 |
| 15204005 | ● | - | 6 | - | 5.182 | 0.20400 | 61.00 | 107.00 | 0.250 |
| 15205505 | ● | - | 5 | - | 5.220 | 0.20550 | 63.00 | 109.00 | 0.250 |
| 15209005 | ● | - | 4 | - | 5.309 | 0.20900 | 63.00 | 109.00 | 0.250 |
| 15213005 | ● | - | 3 | - | 5.410 | 0.21300 | 63.00 | 109.00 | 0.250 |
| 15218805 | ● | 7/32 | - | - | 5.556 | 0.21875 | 63.00 | 109.00 | 0.250 |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked





List 1500 (Continued)

EX-GOLD EX-GDR

| | | | | | | |
|--------------------------|---------------|------------|----------------|---------------|------------|--------------------------|
| SPEED FEED 352 | HSS-Co | TiN | 2 FLUTE | JOBBER | 30° | PACKED 1 PIECE |
|--------------------------|---------------|------------|----------------|---------------|------------|--------------------------|

| EDP Number | | Diameter (D) | | | | | Flute Length | Overall Length | Shank Diameter |
|------------|---|-----------------|-----------|-------------|--------|---------|--------------|----------------|----------------|
| | | Fractional Size | Wire Gage | Letter Size | mm | Inch | FL (mm) | L (mm) | d (in) |
| 15221005 | ● | - | 2 | - | 5.613 | 0.22100 | 66.00 | 112.00 | 0.250 |
| 15228005 | ● | - | 1 | - | 5.791 | 0.22800 | 66.00 | 112.00 | 0.250 |
| 15234005 | ● | - | - | A | 5.944 | 0.23400 | 66.00 | 112.00 | 0.250 |
| 15234405 | ● | 15/64 | - | - | 5.953 | 0.23438 | 66.00 | 112.00 | 0.250 |
| 15238005 | ● | - | - | B | 6.045 | 0.23800 | 69.00 | 115.00 | 0.250 |
| 15242005 | ● | - | - | C | 6.147 | 0.24200 | 69.00 | 115.00 | 0.250 |
| 15246005 | ● | - | - | D | 6.248 | 0.24600 | 69.00 | 115.00 | 0.250 |
| 15250005 | ● | 1/4 | - | E | 6.350 | 0.25000 | 69.00 | 115.00 | 0.250 |
| 15257005 | ● | - | - | F | 6.528 | 0.25700 | 73.00 | 119.00 | 0.375 |
| 15261005 | ● | - | - | G | 6.629 | 0.26100 | 73.00 | 119.00 | 0.375 |
| 15265605 | ● | 17/64 | - | - | 6.747 | 0.26563 | 73.00 | 119.00 | 0.375 |
| 15272005 | ● | - | - | I | 6.909 | 0.27200 | 73.00 | 119.00 | 0.375 |
| 15277005 | ● | - | - | J | 7.036 | 0.27700 | 73.00 | 119.00 | 0.375 |
| 15281205 | ● | 9/32 | - | - | 7.144 | 0.28125 | 74.00 | 120.00 | 0.375 |
| 15290005 | ● | - | - | L | 7.366 | 0.29000 | 74.00 | 120.00 | 0.375 |
| 15295005 | ● | - | - | M | 7.493 | 0.29500 | 77.00 | 123.00 | 0.375 |
| 15296905 | ● | 19/64 | - | - | 7.541 | 0.29688 | 77.00 | 123.00 | 0.375 |
| 15302005 | ● | - | - | N | 7.671 | 0.30200 | 77.00 | 123.00 | 0.375 |
| 15312505 | ● | 5/16 | - | - | 7.938 | 0.31250 | 80.00 | 127.00 | 0.375 |
| 15316005 | ● | - | - | O | 8.026 | 0.31600 | 80.00 | 127.00 | 0.375 |
| 15323005 | ● | - | - | P | 8.204 | 0.32300 | 84.00 | 130.00 | 0.375 |
| 15328105 | ● | 21/64 | - | - | 8.334 | 0.32813 | 84.00 | 130.00 | 0.375 |
| 15332005 | ● | - | - | Q | 8.433 | 0.33200 | 87.00 | 133.00 | 0.375 |
| 15339005 | ● | - | - | R | 8.611 | 0.33900 | 87.00 | 133.00 | 0.375 |
| 15343805 | ● | 11/32 | - | - | 8.731 | 0.34375 | 87.00 | 133.00 | 0.375 |
| 15348005 | ● | - | - | S | 8.839 | 0.34800 | 88.00 | 134.00 | 0.375 |
| 15358005 | ● | - | - | T | 9.093 | 0.35800 | 88.00 | 134.00 | 0.375 |
| 15359405 | ● | 23/64 | - | - | 9.128 | 0.35938 | 88.00 | 134.00 | 0.375 |
| 15368005 | ● | - | - | U | 9.347 | 0.36800 | 92.00 | 138.00 | 0.375 |
| 15375005 | ● | 3/8 | - | - | 9.525 | 0.37500 | 92.00 | 138.00 | 0.375 |
| 15377005 | ● | - | - | V | 9.576 | 0.37700 | 92.00 | 145.00 | 0.500 |
| 15386005 | ● | - | - | W | 9.804 | 0.38600 | 95.00 | 148.00 | 0.500 |
| 15390605 | ● | 25/64 | - | - | 9.922 | 0.39063 | 95.00 | 148.00 | 0.500 |
| 15397005 | ● | - | - | X | 10.084 | 0.39700 | 95.00 | 148.00 | 0.500 |
| 15404005 | ● | - | - | Y | 10.262 | 0.40400 | 98.00 | 151.00 | 0.500 |
| 15406205 | ● | 13/32 | - | - | 10.319 | 0.40625 | 98.00 | 151.00 | 0.500 |
| 15413005 | ● | - | - | Z | 10.490 | 0.41300 | 98.00 | 151.00 | 0.500 |
| 15421905 | ● | 27/64 | - | - | 10.716 | 0.42188 | 100.00 | 153.00 | 0.500 |
| 15437505 | ● | 7/16 | - | - | 11.113 | 0.43750 | 103.00 | 156.00 | 0.500 |
| 15453105 | ● | 29/64 | - | - | 11.509 | 0.45313 | 106.00 | 159.00 | 0.500 |
| 15468805 | ● | 15/32 | - | - | 11.906 | 0.46875 | 109.00 | 162.00 | 0.500 |
| 15484405 | ● | 31/64 | - | - | 12.303 | 0.48438 | 111.00 | 164.00 | 0.500 |
| 15500005 | ● | 1/2 | - | - | 12.700 | 0.50000 | 114.00 | 167.00 | 0.500 |
| 15531205 | ● | 17/32 | - | - | 13.494 | 0.53125 | 122.00 | 182.00 | 0.625 |
| 15562505 | ● | 9/16 | - | - | 14.288 | 0.56250 | 122.00 | 182.00 | 0.625 |
| 15578105 | ● | 37/64 | - | - | 14.684 | 0.57813 | 122.00 | 182.00 | 0.625 |
| 15593805 | ● | 19/32 | - | - | 15.081 | 0.59375 | 131.00 | 199.00 | 0.750 |
| 15625005 | ● | 5/8 | - | - | 15.875 | 0.62500 | 131.00 | 199.00 | 0.750 |
| 15656205 | ● | 21/32 | - | - | 16.669 | 0.65625 | 131.00 | 199.00 | 0.750 |
| 15687505 | ● | 11/16 | - | - | 17.463 | 0.68750 | 142.00 | 210.00 | 0.750 |
| 15718805 | ● | 23/32 | - | - | 18.256 | 0.71875 | 142.00 | 235.00 | 0.875 |
| 15750005 | ● | 3/4 | - | - | 19.050 | 0.75000 | 149.00 | 216.00 | 0.875 |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



| P Steel | | | | | M Stainless Steel | | | K Cast Iron | N Non-Ferrous | | S HRSA | | H Hardened Steel | | | |
|--------------|--------|------|-------------|-----------|-------------------|-----|---------|-------------|---------------|---------|--------------|----------|------------------|-----------|-----------|-----------|
| Carbon Steel | | | Alloy Steel | Die Steel | | | | | Aluminum | | Nickel Alloy | Titanium | | | | |
| Low | Medium | High | | | | | | | 6061 | Casting | | | | | | |
| 1010 | 1035 | 1065 | 4140 | | 300 | 400 | 17-4 PH | | 7075 | | Inconel | | ~35 HRC | 35-45 HRC | 45-50 HRC | 50-70 HRC |
| ○ | ○ | ○ | ○ | ○ | | | ○ | ○ | | ○ | | | ○ | | | |

○ Good ○ Best



ABOUT OSG

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