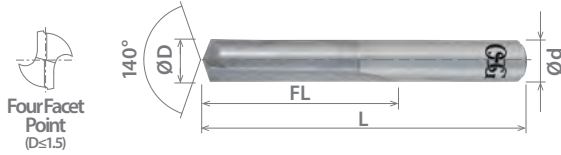


## List 200

OSG CARBIDE STRAIGHT DRILL

|                              |                |           |                |               |           |                          |
|------------------------------|----------------|-----------|----------------|---------------|-----------|--------------------------|
| <b>SPEED FEED</b><br>338-340 | <b>CARBIDE</b> | <b>BR</b> | <b>2 FLUTE</b> | <b>JOBBER</b> | <b>0°</b> | <b>PACKED</b><br>1 PIECE |
|------------------------------|----------------|-----------|----------------|---------------|-----------|--------------------------|

| Cutting Diameter Tolerance |           |            |
|----------------------------|-----------|------------|
| Size (mm)                  | mm        | inch       |
| 1.18 ≤ D ≤ 12.7            | +0/-0.013 | +0/-0.0005 |



| EDP Number | Color | Diameter (D)    |           |             |       | Flute Length | Overall Length | Shank Diameter |        |        |
|------------|-------|-----------------|-----------|-------------|-------|--------------|----------------|----------------|--------|--------|
|            |       | Fractional Size | Wire Gage | Letter Size | mm    | Inch         | FL (mm)        | L (mm)         | d (in) | d (mm) |
| 200-0465   | ●     | -               | 56        | -           | 1.181 | 0.04650      | 12.70          | 38.10          | -      | 1.18   |
| 200-0469   | ●     | 3/64            | -         | -           | 1.191 | 0.04688      | 12.70          | 38.10          | 0.047  | -      |
| 200-0520   | ●     | -               | 55        | -           | 1.321 | 0.05200      | 12.70          | 38.10          | -      | 1.32   |
| 200-0550   | ●     | -               | 54        | -           | 1.397 | 0.05500      | 12.70          | 38.10          | -      | 1.40   |
| 200-0591   | ●     | -               | -         | -           | 1.500 | 0.05906      | 12.70          | 38.10          | -      | 1.50   |
| 200-0595   | ●     | -               | 53        | -           | 1.511 | 0.05950      | 12.70          | 38.10          | -      | 1.51   |
| 200-0625   | ●     | 1/16            | -         | -           | 1.588 | 0.06250      | 15.88          | 41.28          | 0.063  | -      |
| 200-0635   | ●     | -               | 52        | -           | 1.613 | 0.06350      | 17.46          | 42.86          | -      | 1.61   |
| 200-0670   | ●     | -               | 51        | -           | 1.702 | 0.06700      | 17.46          | 42.86          | -      | 1.70   |
| 200-0700   | ●     | -               | 50        | -           | 1.778 | 0.07000      | 17.46          | 42.86          | -      | 1.78   |
| 200-0730   | ●     | -               | 49        | -           | 1.854 | 0.07300      | 17.46          | 42.86          | -      | 1.85   |
| 200-0760   | ●     | -               | 48        | -           | 1.930 | 0.07600      | 17.46          | 42.86          | -      | 1.93   |
| 200-0781   | ●     | 5/64            | -         | -           | 1.984 | 0.07813      | 17.46          | 42.86          | 0.078  | -      |
| 200-0785   | ●     | -               | 47        | -           | 1.994 | 0.07850      | 19.05          | 44.45          | -      | 1.99   |
| 200-0787   | ●     | -               | -         | -           | 2.000 | 0.07874      | 19.05          | 44.45          | -      | 2.00   |
| 200-0810   | ●     | -               | 46        | -           | 2.057 | 0.08100      | 19.05          | 44.45          | -      | 2.06   |
| 200-0820   | ●     | -               | 45        | -           | 2.083 | 0.08200      | 19.05          | 44.45          | -      | 2.08   |
| 200-0860   | ●     | -               | 44        | -           | 2.184 | 0.08600      | 19.05          | 44.45          | -      | 2.18   |
| 200-0890   | ●     | -               | 43        | -           | 2.261 | 0.08900      | 19.05          | 44.45          | -      | 2.26   |
| 200-0935   | ●     | -               | 42        | -           | 2.375 | 0.09350      | 19.05          | 44.45          | -      | 2.37   |
| 200-0938   | ●     | 3/32            | -         | -           | 2.381 | 0.09375      | 19.05          | 44.45          | 0.094  | -      |
| 200-0960   | ●     | -               | 41        | -           | 2.438 | 0.09600      | 20.62          | 46.02          | -      | 2.44   |
| 200-0980   | ●     | -               | 40        | -           | 2.489 | 0.09800      | 20.62          | 46.02          | -      | 2.49   |
| 200-0984   | ●     | -               | -         | -           | 2.500 | 0.09843      | 20.62          | 46.02          | -      | 2.50   |
| 200-0995   | ●     | -               | 39        | -           | 2.527 | 0.09950      | 20.62          | 46.02          | -      | 2.53   |
| 200-1015   | ●     | -               | 38        | -           | 2.578 | 0.10150      | 20.62          | 46.02          | -      | 2.58   |
| 200-1040   | ●     | -               | 37        | -           | 2.642 | 0.10400      | 20.62          | 46.02          | -      | 2.64   |
| 200-1065   | ●     | -               | 36        | -           | 2.705 | 0.10650      | 20.62          | 46.02          | -      | 2.71   |
| 200-1094   | ●     | 7/64            | -         | -           | 2.778 | 0.10938      | 20.62          | 46.02          | 0.109  | -      |
| 200-1100   | ●     | -               | 35        | -           | 2.794 | 0.11000      | 22.23          | 47.63          | -      | 2.79   |
| 200-1110   | ●     | -               | 34        | -           | 2.819 | 0.11100      | 22.23          | 47.63          | -      | 2.82   |
| 200-1130   | ●     | -               | 33        | -           | 2.870 | 0.11300      | 22.23          | 47.63          | -      | 2.87   |
| 200-1160   | ●     | -               | 32        | -           | 2.946 | 0.11600      | 22.23          | 47.63          | -      | 2.95   |
| 200-1181   | ●     | -               | -         | -           | 3.000 | 0.11811      | 22.23          | 47.63          | -      | 3.00   |
| 200-1200   | ●     | -               | 31        | -           | 3.048 | 0.12000      | 22.23          | 47.63          | -      | 3.05   |
| 200-1250   | ●     | 1/8             | -         | -           | 3.175 | 0.12500      | 22.23          | 47.63          | 0.125  | -      |
| 200-1285   | ●     | -               | 30        | -           | 3.264 | 0.12850      | 23.81          | 49.23          | -      | 3.26   |
| 200-1360   | ●     | -               | 29        | -           | 3.454 | 0.13600      | 23.81          | 49.23          | -      | 3.45   |
| 200-1378   | ●     | -               | -         | -           | 3.500 | 0.13780      | 23.81          | 49.23          | -      | 3.50   |
| 200-1405   | ●     | -               | 28        | -           | 3.569 | 0.14050      | 23.81          | 49.23          | -      | 3.57   |
| 200-1406   | ●     | 9/64            | -         | -           | 3.572 | 0.14063      | 23.81          | 49.23          | 0.141  | -      |
| 200-1440   | ●     | -               | 27        | -           | 3.658 | 0.14400      | 25.40          | 52.40          | -      | 3.66   |
| 200-1470   | ●     | -               | 26        | -           | 3.734 | 0.14700      | 25.40          | 52.40          | -      | 3.73   |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
 Note: Other coatings are available upon request.



CONTINUED ➔

| P            |        |      |             |           | M               |     |         | K         | N           |      | S            |          | H              |         |                |         |
|--------------|--------|------|-------------|-----------|-----------------|-----|---------|-----------|-------------|------|--------------|----------|----------------|---------|----------------|---------|
| Steel        |        |      |             |           | Stainless Steel |     |         | Cast Iron | Non-Ferrous |      | HRSA         |          | Hardened Steel |         |                |         |
| Carbon Steel |        |      | Alloy Steel | Die Steel | 300             | 400 | 17-4 PH |           | Aluminum    |      | Nickel Alloy | Titanium |                |         |                |         |
| Low          | Medium | High |             |           |                 |     |         |           | 6061        | 7075 |              |          | Castings       | Inconel | 6Al4V (30 HRC) | ~35 HRC |
| 1010         | 1035   | 1045 | 1065        | 4140      |                 |     |         | 4340      |             |      |              |          |                |         |                |         |
| ○            |        |      |             |           |                 |     |         | ○         |             |      |              |          |                |         |                |         |

○ Good ⊗ Best



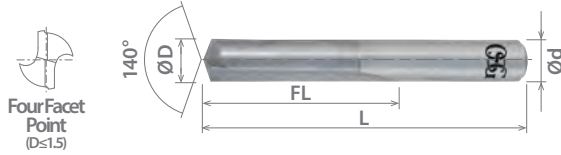


### List 200 (Continued)

OSG CARBIDE STRAIGHT DRILL

|                              |                |           |                |               |           |                          |
|------------------------------|----------------|-----------|----------------|---------------|-----------|--------------------------|
| <b>SPEED FEED</b><br>338-340 | <b>CARBIDE</b> | <b>BR</b> | <b>2 FLUTE</b> | <b>JOBBER</b> | <b>0°</b> | <b>PACKED</b><br>1 PIECE |
|------------------------------|----------------|-----------|----------------|---------------|-----------|--------------------------|

| Cutting Diameter Tolerance |             |              |
|----------------------------|-------------|--------------|
| Size (mm)                  | mm          | inch         |
| 1.18 ≤ D ≤ 12.7            | +0 / -0.013 | +0 / -0.0005 |



| EDP Number |   | Diameter (D)    |           |             |       |         | Flute Length | Overall Length | Shank Diameter |        |
|------------|---|-----------------|-----------|-------------|-------|---------|--------------|----------------|----------------|--------|
|            |   | Fractional Size | Wire Gage | Letter Size | mm    | Inch    | FL (mm)      | L (mm)         | d (in)         | d (mm) |
| 200-1495   | ● | -               | 25        | -           | 3.797 | 0.14950 | 25.40        | 52.40          | -              | 3.80   |
| 200-1520   | ● | -               | 24        | -           | 3.861 | 0.15200 | 25.40        | 52.40          | -              | 3.86   |
| 200-1540   | ● | -               | 23        | -           | 3.912 | 0.15400 | 25.40        | 52.40          | -              | 3.91   |
| 200-1562   | ● | 5/32            | -         | -           | 3.969 | 0.15625 | 25.40        | 52.40          | 0.156          | -      |
| 200-1570   | ● | -               | 22        | -           | 3.988 | 0.15700 | 27.00        | 53.98          | -              | 3.99   |
| 200-1575   | ● | -               | -         | -           | 4.000 | 0.15748 | 27.00        | 53.98          | -              | 4.00   |
| 200-1590   | ● | -               | 21        | -           | 4.039 | 0.15900 | 27.00        | 53.98          | -              | 4.04   |
| 200-1610   | ● | -               | 20        | -           | 4.089 | 0.16100 | 27.00        | 53.98          | -              | 4.09   |
| 200-1660   | ● | -               | 19        | -           | 4.216 | 0.16600 | 27.00        | 53.98          | -              | 4.22   |
| 200-1695   | ● | -               | 18        | -           | 4.305 | 0.16950 | 27.00        | 53.98          | -              | 4.31   |
| 200-1719   | ● | 11/64           | -         | -           | 4.366 | 0.17188 | 27.00        | 53.98          | 0.172          | -      |
| 200-1730   | ● | -               | 17        | -           | 4.394 | 0.17300 | 28.58        | 55.58          | -              | 4.39   |
| 200-1770   | ● | -               | 16        | -           | 4.496 | 0.17700 | 28.58        | 55.58          | -              | 4.50   |
| 200-1772   | ● | -               | -         | -           | 4.500 | 1.77200 | 28.58        | 55.58          | -              | 4.50   |
| 200-1800   | ● | -               | 15        | -           | 4.572 | 0.18000 | 28.58        | 55.58          | -              | 4.57   |
| 200-1820   | ● | -               | 14        | -           | 4.623 | 0.18200 | 28.58        | 55.58          | -              | 4.62   |
| 200-1850   | ● | -               | 13        | -           | 4.699 | 0.18500 | 28.58        | 55.58          | -              | 4.70   |
| 200-1875   | ● | 3/16            | -         | -           | 4.763 | 0.18750 | 28.58        | 55.58          | 0.188          | -      |
| 200-1890   | ● | -               | 12        | -           | 4.801 | 0.18900 | 30.18        | 57.15          | -              | 4.80   |
| 200-1910   | ● | -               | 11        | -           | 4.851 | 0.19100 | 30.18        | 57.15          | -              | 4.85   |
| 200-1935   | ● | -               | 10        | -           | 4.915 | 0.19350 | 30.18        | 57.15          | -              | 4.91   |
| 200-1960   | ● | -               | 9         | -           | 4.978 | 0.19600 | 30.18        | 57.15          | -              | 4.98   |
| 200-1968   | ● | -               | -         | -           | 5.000 | 0.19685 | 30.18        | 57.15          | -              | 5.00   |
| 200-1990   | ● | -               | 8         | -           | 5.055 | 0.19900 | 30.18        | 57.15          | -              | 5.05   |
| 200-2010   | ● | -               | 7         | -           | 5.105 | 0.20100 | 30.18        | 57.15          | -              | 5.11   |
| 200-2031   | ● | 13/64           | -         | -           | 5.159 | 0.20313 | 30.18        | 57.15          | 0.203          | -      |
| 200-2040   | ● | -               | 6         | -           | 5.182 | 0.20400 | 31.75        | 60.33          | -              | 5.18   |
| 200-2055   | ● | -               | 5         | -           | 5.220 | 0.20550 | 31.75        | 60.33          | -              | 5.22   |
| 200-2090   | ● | -               | 4         | -           | 5.309 | 0.20900 | 31.75        | 60.33          | -              | 5.31   |
| 200-2130   | ● | -               | 3         | -           | 5.410 | 0.21300 | 31.75        | 60.33          | -              | 5.41   |
| 200-2165   | ● | -               | -         | -           | 5.500 | 0.21654 | 31.75        | 60.33          | -              | 5.50   |
| 200-2188   | ● | 7/32            | -         | -           | 5.556 | 0.21875 | 31.75        | 60.33          | 0.219          | -      |
| 200-2210   | ● | -               | 2         | -           | 5.613 | 0.22100 | 33.35        | 61.93          | -              | 5.61   |
| 200-2280   | ● | -               | 1         | -           | 5.791 | 0.22800 | 33.35        | 61.93          | -              | 5.79   |
| 200-2340   | ● | -               | -         | A           | 5.944 | 0.23400 | 33.35        | 61.93          | -              | 5.94   |
| 200-2344   | ● | 15/64           | -         | -           | 5.953 | 0.23438 | 33.35        | 61.93          | 0.234          | -      |
| 200-2362   | ● | -               | -         | -           | 6.000 | 0.23622 | 33.35        | 61.93          | -              | 6.00   |
| 200-2380   | ● | -               | -         | B           | 6.045 | 0.23800 | 34.93        | 63.50          | -              | 6.05   |
| 200-2420   | ● | -               | -         | C           | 6.147 | 0.24200 | 34.93        | 63.50          | -              | 6.15   |
| 200-2460   | ● | -               | -         | D           | 6.248 | 0.24600 | 34.93        | 63.50          | -              | 6.25   |
| 200-2500   | ● | 1/4             | -         | E           | 6.350 | 0.25000 | 34.93        | 63.50          | 0.250          | -      |
| 200-2559   | ● | -               | -         | -           | 6.500 | 0.25591 | 34.93        | 63.50          | -              | 6.50   |
| 200-2570   | ● | -               | -         | F           | 6.528 | 0.25700 | 36.53        | 66.68          | -              | 6.53   |
| 200-2610   | ● | -               | -         | G           | 6.629 | 0.26100 | 36.53        | 66.68          | -              | 6.63   |
| 200-2656   | ● | 17/64           | -         | -           | 6.747 | 0.26563 | 36.53        | 66.68          | 0.266          | -      |
| 200-2660   | ● | -               | -         | H           | 6.756 | 0.26600 | 38.10        | 68.28          | -              | 6.76   |
| 200-2720   | ● | -               | -         | I           | 6.909 | 0.27200 | 38.10        | 68.28          | -              | 6.91   |
| 200-2756   | ● | -               | -         | -           | 7.000 | 0.27559 | 38.10        | 68.28          | -              | 7.00   |
| 200-2770   | ● | -               | -         | J           | 7.036 | 0.27700 | 38.10        | 68.28          | -              | 7.04   |
| 200-2810   | ● | -               | -         | K           | 7.137 | 0.28100 | 38.10        | 68.28          | -              | 7.14   |
| 200-2812   | ● | 9/32            | -         | -           | 7.144 | 0.28125 | 38.10        | 68.28          | 0.281          | -      |
| 200-2900   | ● | -               | -         | L           | 7.366 | 0.29000 | 39.70        | 69.85          | -              | 7.37   |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
 Note: Other coatings are available upon request.



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX



# List 200 (Continued)

OSG CARBIDE STRAIGHT DRILL

|                              |                |           |                |               |           |                          |
|------------------------------|----------------|-----------|----------------|---------------|-----------|--------------------------|
| <b>SPEED FEED</b><br>338-340 | <b>CARBIDE</b> | <b>BR</b> | <b>2 FLUTE</b> | <b>JOBBER</b> | <b>0°</b> | <b>PACKED</b><br>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)         | d (mm) |
| 200-2950   | ● | -               | -         | M           | 7.493  | 0.29500 | 39.70        | 69.85          | -              | 7.49   |
| 200-2953   | ● | -               | -         | -           | 7.500  | 0.29528 | 39.70        | 69.85          | -              | 7.50   |
| 200-2969   | ● | 19/64           | -         | -           | 7.541  | 0.29688 | 39.70        | 69.85          | 0.297          | -      |
| 200-3020   | ● | -               | -         | N           | 7.671  | 0.30200 | 41.28        | 71.45          | -              | 7.67   |
| 200-3125   | ● | 5/16            | -         | -           | 7.938  | 0.31250 | 41.28        | 71.45          | -              | 7.94   |
| 200-3150   | ● | -               | -         | -           | 8.000  | 0.31496 | 41.28        | 71.45          | -              | 8.00   |
| 200-3160   | ● | -               | -         | O           | 8.026  | 0.31600 | 42.80        | 74.63          | -              | 8.03   |
| 200-3230   | ● | -               | -         | P           | 8.204  | 0.32300 | 42.80        | 74.63          | -              | 8.20   |
| 200-3281   | ● | 21/64           | -         | -           | 8.334  | 0.32813 | 42.80        | 74.63          | 0.656          | -      |
| 200-3320   | ● | -               | -         | Q           | 8.433  | 0.33200 | 42.80        | 76.20          | -              | 8.43   |
| 200-3346   | ● | -               | -         | -           | 8.500  | 0.33465 | 42.80        | 76.20          | -              | 8.50   |
| 200-3390   | ● | -               | -         | R           | 8.611  | 0.33900 | 42.80        | 76.20          | -              | 8.61   |
| 200-3438   | ● | 11/32           | -         | -           | 8.731  | 0.34375 | 42.80        | 76.20          | 0.344          | -      |
| 200-3480   | ● | -               | -         | S           | 8.839  | 0.34800 | 44.45        | 77.80          | -              | 8.84   |
| 200-3543   | ● | -               | -         | -           | 9.000  | 0.35433 | 44.45        | 77.80          | -              | 9.00   |
| 200-3580   | ● | -               | -         | T           | 9.093  | 0.35800 | 44.45        | 77.80          | -              | 9.09   |
| 200-3594   | ● | 23/64           | -         | -           | 9.128  | 0.35938 | 44.45        | 77.80          | -              | 9.13   |
| 200-3680   | ● | -               | -         | U           | 9.347  | 0.36800 | 46.05        | 79.38          | -              | 9.35   |
| 200-3740   | ● | -               | -         | -           | 9.500  | 0.37402 | 46.05        | 79.38          | -              | 9.50   |
| 200-3750   | ● | 3/8             | -         | -           | 9.525  | 0.37500 | 46.05        | 79.38          | -              | 9.53   |
| 200-3770   | ● | -               | -         | V           | 9.576  | 0.37700 | 47.63        | 82.55          | -              | 9.58   |
| 200-3860   | ● | -               | -         | W           | 9.804  | 0.38600 | 47.63        | 82.55          | -              | 9.80   |
| 200-3906   | ● | 25/64           | -         | -           | 9.922  | 0.39063 | 47.63        | 82.55          | -              | 9.92   |
| 200-3937   | ● | -               | -         | -           | 10.000 | 0.39370 | 47.63        | 82.55          | -              | 10.00  |
| 200-3970   | ● | -               | -         | X           | 10.084 | 0.39700 | 49.23        | 84.15          | -              | 10.08  |
| 200-4040   | ● | -               | -         | Y           | 10.262 | 0.40400 | 49.23        | 84.15          | -              | 10.26  |
| 200-4062   | ● | 13/32           | -         | -           | 10.319 | 0.40625 | 49.23        | 84.15          | -              | 10.32  |
| 200-4130   | ● | -               | -         | Z           | 10.490 | 0.41300 | 50.80        | 85.73          | -              | 10.49  |
| 200-4134   | ● | -               | -         | -           | 10.500 | 0.41339 | 50.80        | 85.73          | -              | 10.50  |
| 200-4219   | ● | 27/64           | -         | -           | 10.716 | 0.42188 | 50.80        | 85.73          | -              | 10.72  |
| 200-4331   | ● | -               | -         | -           | 11.000 | 0.43307 | 52.40        | 87.33          | -              | 11.00  |
| 200-4375   | ● | 7/16            | -         | -           | 11.113 | 0.43750 | 52.40        | 87.33          | -              | 11.11  |
| 200-4528   | ● | -               | -         | -           | 11.500 | 0.45276 | 53.98        | 90.50          | -              | 11.50  |
| 200-4531   | ● | 29/64           | -         | -           | 11.509 | 0.45313 | 53.98        | 90.50          | -              | 11.51  |
| 200-4688   | ● | 15/32           | -         | -           | 11.906 | 0.46875 | 53.98        | 92.08          | -              | 11.91  |
| 200-4724   | ● | -               | -         | -           | 12.000 | 0.47244 | 53.98        | 92.08          | -              | 12.00  |
| 200-4844   | ● | 31/64           | -         | -           | 12.303 | 0.48438 | 55.58        | 93.68          | -              | 12.30  |
| 200-5000   | ● | 1/2             | -         | -           | 12.700 | 0.50000 | 57.15        | 95.25          | 0.500          | -      |

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
Note: Other coatings are available upon request.



| P Steel      |        |      |             |           | M               |     |         | K         | N           |              | S              |         | H              |           |           |  |
|--------------|--------|------|-------------|-----------|-----------------|-----|---------|-----------|-------------|--------------|----------------|---------|----------------|-----------|-----------|--|
| Carbon Steel |        |      | Alloy Steel | Die Steel | Stainless Steel |     |         | Cast Iron | Non-Ferrous |              | HRSA           |         | Hardened Steel |           |           |  |
| Low          | Medium | High |             |           | 300             | 400 | 17-4 PH |           | Aluminum    | Nickel Alloy | Titanium       | ~35 HRC | 35-45 HRC      | 45-50 HRC | 50-70 HRC |  |
| 1010         | 1035   | 1065 | 4140 4340   |           |                 |     |         | 6061 7075 | Casting     | Inconel      | 6Al4V (30 HRC) |         |                |           |           |  |
| ○            |        |      |             |           |                 |     | ○       |           |             |              |                |         |                |           |           |  |

○ Good ○ Best

