

# SOLID CARBIDE JOBBER LENGTH DRILLS

ICS USA

SPECIAL PURPOSE

118° POINT



2 FLUTE



3 FLUTE

## Wire Gauge Sizes (Straight Shank) #1 To #80 Dia.

| SIZE | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | SOLID CARBIDE         |                       |
|------|-------------|--------------|----------------|-----------------------|-----------------------|
|      |             |              |                | BRIGHT FINISH 118° PT | BRIGHT FINISH 150° PT |
|      |             |              |                | SCJD                  | SCJD3F                |
| 1    | .2280       | 1-3/4        | 3              | \$38.54               | \$49.44               |
| 2    | .2210       | 1-3/4        | 3              | 37.14                 | 48.60                 |
| 3    | .2130       | 1-3/4        | 3              | 35.52                 | 47.36                 |
| 4    | .2090       | 1-3/4        | 3              | 34.70                 | 47.16                 |
| 5    | .2055       | 1-3/4        | 3              | 33.88                 | 46.72                 |
| 6    | .2040       | 1-3/4        | 3              | 33.88                 | 46.62                 |
| 7    | .2010       | 1-3/4        | 3              | 33.02                 | 42.26                 |
| 8    | .1990       | 1-3/4        | 3              | 32.64                 | 41.78                 |
| 9    | .1960       | 1-3/4        | 3              | 32.20                 | 40.64                 |
| 10   | .1935       | 1-5/8        | 2-3/4          | 31.72                 | 40.08                 |
| 11   | .1910       | 1-5/8        | 2-3/4          | 31.40                 | 39.52                 |
| 12   | .1890       | 1-5/8        | 2-3/4          | 31.40                 | 38.96                 |
| 13   | .1850       | 1-5/8        | 2-3/4          | 30.86                 | 38.08                 |
| 14   | .1820       | 1-5/8        | 2-3/4          | 30.20                 | 37.76                 |
| 15   | .1800       | 1-5/8        | 2-3/4          | 29.62                 | 37.42                 |
| 16   | .1770       | 1-5/8        | 2-3/4          | 29.62                 | 36.72                 |
| 17   | .1730       | 1-5/8        | 2-3/4          | 28.24                 | 36.38                 |
| 18   | .1695       | 1-5/8        | 2-3/4          | 26.50                 | 34.46                 |
| 19   | .1660       | 1-5/8        | 2-3/4          | 26.04                 | 34.22                 |
| 20   | .1610       | 1-3/8        | 2-1/2          | 24.92                 | 33.70                 |
| 21   | .1590       | 1-3/8        | 2-1/2          | 24.92                 | 33.46                 |
| 22   | .1570       | 1-3/8        | 2-1/2          | 24.00                 | 32.96                 |
| 23   | .1540       | 1-3/8        | 2-1/2          | 24.00                 | 31.96                 |
| 24   | .1520       | 1-3/8        | 2-1/2          | 23.12                 | 31.48                 |
| 25   | .1495       | 1-3/8        | 2-1/2          | 22.40                 | 31.04                 |
| 26   | .1470       | 1-3/8        | 2-1/2          | 22.40                 | 30.94                 |
| 27   | .1440       | 1-3/8        | 2-1/2          | 22.08                 | 30.72                 |
| 28   | .1405       | 1-3/8        | 2-1/2          | 21.36                 | 30.14                 |
| 29   | .1360       | 1-3/8        | 2-1/2          | 21.36                 | 29.18                 |
| 30   | .1285       | 1-1/4        | 2-1/4          | 20.16                 | 27.18                 |
| 31   | .1200       | 1-1/4        | 2-1/4          | 18.74                 | 25.90                 |
| 32   | .1160       | 1-1/4        | 2-1/4          | 18.96                 | 25.30                 |
| 33   | .1130       | 1-1/4        | 2-1/4          | 18.66                 | 24.98                 |
| 34   | .1110       | 1-1/4        | 2-1/4          | 18.00                 | 24.70                 |
| 35   | .1100       | 1-1/4        | 2-1/4          | 18.00                 | 24.40                 |
| 36   | .1065       | 1-1/4        | 2-1/4          | 18.00                 | 23.78                 |
| 37   | .1040       | 1-1/4        | 2-1/4          | 17.42                 | -                     |
| 38   | .1015       | 1-1/4        | 2-1/4          | 16.98                 | -                     |
| 39   | .0995       | 1-1/4        | 2-1/4          | 16.98                 | -                     |
| 40   | .0980       | 1            | 2              | 16.52                 | -                     |

| SIZE | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | SOLID CARBIDE         |                       |
|------|-------------|--------------|----------------|-----------------------|-----------------------|
|      |             |              |                | BRIGHT FINISH 118° PT | BRIGHT FINISH 150° PT |
|      |             |              |                | SCJD                  | SCJD3F                |
| 41   | .0960       | 1            | 2              | \$16.32               |                       |
| 42   | .0935       | 1            | 2              | 15.90                 |                       |
| 43   | .0890       | 1            | 2              | 15.68                 |                       |
| 44   | .0860       | 1            | 2              | 15.26                 |                       |
| 45   | .0820       | 7/8          | 1-3/4          | 14.72                 |                       |
| 46   | .0810       | 7/8          | 1-3/4          | 14.72                 |                       |
| 47   | .0785       | 7/8          | 1-3/4          | 14.42                 |                       |
| 48   | .0760       | 7/8          | 1-3/4          | 14.42                 |                       |
| 49   | .0730       | 7/8          | 1-3/4          | 14.08                 |                       |
| 50   | .0700       | 7/8          | 1-3/4          | 14.08                 |                       |
| 51   | .0670       | 3/4          | 1-1/2          | 14.00                 |                       |
| 52   | .0635       | 3/4          | 1-1/2          | 14.00                 |                       |
| 53   | .0595       | 3/4          | 1-1/2          | 14.00                 |                       |
| 54   | .0550       | 3/4          | 1-1/2          | 14.00                 |                       |
| 55   | .0520       | 3/4          | 1-1/2          | 14.00                 |                       |
| 56   | .0465       | 3/4          | 1-1/2          | 14.00                 |                       |
| 57   | .0430       | 3/4          | 1-1/2          | 17.32                 |                       |
| 58   | .0420       | 3/4          | 1-1/2          | 17.32                 |                       |
| 59   | .0410       | 3/4          | 1-1/2          | 17.32                 |                       |
| 60   | .0400       | 3/4          | 1-1/2          | 17.32                 |                       |
| 61   | .0390       | 5/8          | 1-1/2          | 17.58                 |                       |
| 62   | .0380       | 5/8          | 1-1/2          | 17.84                 |                       |
| 63   | .0370       | 5/8          | 1-1/2          | 18.08                 |                       |
| 64   | .0360       | 5/8          | 1-1/2          | 18.44                 |                       |
| 65   | .0350       | 5/8          | 1-1/2          | 18.74                 |                       |
| 66   | .0330       | 1/2          | 1-1/4          | 18.96                 |                       |
| 67   | .0320       | 1/2          | 1-1/4          | 19.20                 |                       |
| 68   | .0310       | 1/2          | 1-1/4          | 19.50                 |                       |
| 69   | .0292       | 1/2          | 1-1/4          | 19.76                 |                       |
| 70   | .0280       | 1/2          | 1-1/4          | 20.02                 |                       |
| 71   | .0260       | 5/16         | 1              | 20.38                 |                       |
| 72   | .0250       | 5/16         | 1              | 20.62                 |                       |
| 73   | .0240       | 1/4          | 7/8            | 20.88                 |                       |
| 74   | .0225       | 1/4          | 7/8            | 21.14                 |                       |
| 75   | .0210       | 1/4          | 7/8            | 21.40                 |                       |
| 76   | .0200       | 1/4          | 7/8            | 21.84                 |                       |
| 77   | .0180       | 3/16         | 3/4            | 21.94                 |                       |
| 78   | .0160       | 3/16         | 3/4            | 22.26                 |                       |
| 79   | .0145       | 3/16         | 3/4            | 22.52                 |                       |
| 80   | .0135       | 3/16         | 3/4            | 22.82                 |                       |

## Metric Sizes (Straight Shank) .70mm To 12.00mm Dia.

| SIZE | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | SOLID CARBIDE         |                       |
|------|-------------|--------------|----------------|-----------------------|-----------------------|
|      |             |              |                | BRIGHT FINISH 118° PT | BRIGHT FINISH 150° PT |
|      |             |              |                | SCJDM                 | SCJDM3F               |
| .70  | .0276       | 1/2          | 1-1/4          | \$16.90               | \$ -                  |
| .80  | .0315       | 1/2          | 1-1/4          | 16.90                 | -                     |
| .90  | .0354       | 5/8          | 1-3/8          | 16.90                 | -                     |
| 1.00 | .0394       | 3/4          | 1-1/2          | 16.90                 | -                     |
| 1.50 | .0591       | 3/4          | 1-1/2          | 17.08                 | -                     |
| 2.00 | .0781       | 7/8          | 1-3/4          | 18.14                 | -                     |
| 2.50 | .0984       | 1            | 2              | 20.78                 | -                     |
| 3.00 | .1181       | 1-1/4        | 2-1/4          | 23.28                 | 25.60                 |
| 3.50 | .1378       | 1-3/8        | 2-1/2          | 25.30                 | 29.64                 |
| 4.00 | .1575       | 1-3/8        | 2-1/2          | 31.16                 | 33.20                 |
| 4.50 | .1772       | 1-5/8        | 2-3/4          | 33.32                 | 37.06                 |
| 5.00 | .1969       | 1-3/4        | 3              | 36.90                 | 41.22                 |
| 5.50 | .2165       | 1-3/4        | 3              | 43.72                 | 47.54                 |

| SIZE  | DEC. EQUIV. | FLUTE LENGTH | OVERALL LENGTH | SOLID CARBIDE         |                       |
|-------|-------------|--------------|----------------|-----------------------|-----------------------|
|       |             |              |                | BRIGHT FINISH 118° PT | BRIGHT FINISH 150° PT |
|       |             |              |                | SCJDM                 | SCJDM3F               |
| 6.00  | .2362       | 2            | 3-1/4          | \$46.22               | \$51.32               |
| 6.50  | .2559       | 2            | 3-1/4          | 51.82                 | 53.28                 |
| 7.00  | .2756       | 2-1/8        | 3-1/2          | 56.72                 | 61.52                 |
| 7.50  | .2953       | 2-3/8        | 3-3/4          | 61.96                 | 69.66                 |
| 8.00  | .3150       | 2-3/8        | 3-3/4          | 69.86                 | 77.94                 |
| 8.50  | .3346       | 2-1/2        | 4              | 76.50                 | 86.48                 |
| 9.00  | .3543       | 2-3/4        | 4-1/4          | 86.86                 | 95.94                 |
| 9.50  | .3740       | 2-3/4        | 4-1/4          | 99.16                 | 100.96                |
| 10.00 | .3937       | 2-7/8        | 4-1/2          | 113.84                | 124.40                |
| 10.50 | .4134       | 2-7/8        | 4-1/2          | 127.26                | 138.42                |
| 11.00 | .4331       | 2-7/8        | 4-1/2          | 151.46                | 145.12                |
| 11.50 | .4528       | 2-7/8        | 4-1/2          | 156.04                | 150.96                |
| 12.00 | .4724       | 3            | 4-3/4          | 173.16                | 165.30                |