

## CNC Spotting Drills



### Cobalt Long Length



#### Inch - 90° Angle - Series 197

| Body Diameter | Decimal Equivalent | Flute Length | Overall Length | Code   | Body Diameter | Decimal Equivalent | Flute Length | Overall Length | Code   |
|---------------|--------------------|--------------|----------------|--------|---------------|--------------------|--------------|----------------|--------|
| *1/4          | 0.250              | 7/8          | 5-1/2          | 540680 | 3/4           | 0.750              | 1-9/16       | 7-7/8          | 540684 |
| *3/8          | 0.375              | 1            | 6-3/4          | 540681 | 1             | 1.000              | 1-3/4        | 7-7/8          | 540685 |
| *1/2          | 0.500              | 1-3/8        | 6-3/4          | 540682 | *4-Piece Set  | -                  | -            | -              | 540686 |
| *5/8          | 0.625              | 1-3/8        | 7-7/8          | 540683 |               |                    |              |                |        |

#### Inch - 120° Angle - Series 199

| Body Diameter | Decimal Equivalent | Flute Length | Overall Length | Code   | Body Diameter | Decimal Equivalent | Flute Length | Overall Length | Code   |
|---------------|--------------------|--------------|----------------|--------|---------------|--------------------|--------------|----------------|--------|
| *1/4          | 0.250              | 7/8          | 5-1/2          | 540690 | 3/4           | 0.750              | 1-9/16       | 7-7/8          | 540694 |
| *3/8          | 0.375              | 1            | 6-3/4          | 540691 | 1             | 1.000              | 1-3/4        | 7-7/8          | 540695 |
| *1/2          | 0.500              | 1-3/8        | 6-3/4          | 540692 | *4-Piece Set  | -                  | -            | -              | 540697 |
| *5/8          | 0.625              | 1-3/8        | 7-7/8          | 540693 |               |                    |              |                |        |

#### Metric - 90° Angle - Series 197

| Body Diameter (mm) | Decimal Equivalent (Inch) | Flute Length (Inch) | Overall Length (Inch) | Code   | Body Diameter (mm) | Decimal Equivalent (Inch) | Flute Length (Inch) | Overall Length (Inch) | Code   |
|--------------------|---------------------------|---------------------|-----------------------|--------|--------------------|---------------------------|---------------------|-----------------------|--------|
| 4                  | 0.157                     | 1/2                 | 4                     | 540027 | 10                 | 0.394                     | 1                   | 6-3/4                 | 540031 |
| 5                  | 0.197                     | 9/16                | 4-3/4                 | 540028 | 12                 | 0.472                     | 1-3/16              | 6-3/4                 | 540032 |
| 6                  | 0.236                     | 3/4                 | 5-1/2                 | 540029 | 16                 | 0.630                     | 1-3/8               | 7-7/8                 | 540033 |
| 8                  | 0.315                     | 1                   | 5-1/2                 | 540030 | 20                 | 0.787                     | 1-9/16              | 7-7/8                 | 540034 |

#### Metric - 120° Angle - Series 199

| Body Diameter (mm) | Decimal Equivalent (Inch) | Flute Length (Inch) | Overall Length (Inch) | Code   | Body Diameter (mm) | Decimal Equivalent (Inch) | Flute Length (Inch) | Overall Length (Inch) | Code   |
|--------------------|---------------------------|---------------------|-----------------------|--------|--------------------|---------------------------|---------------------|-----------------------|--------|
| 4                  | 0.157                     | 1/2                 | 4                     | 540035 | 10                 | 0.394                     | 1                   | 6-3/4                 | 540039 |
| 5                  | 0.197                     | 9/16                | 4-3/4                 | 540036 | 12                 | 0.472                     | 1-3/16              | 6-3/4                 | 540040 |
| 6                  | 0.236                     | 3/4                 | 5-1/2                 | 540037 | 16                 | 0.630                     | 1-3/8               | 7-7/8                 | 540041 |
| 8                  | 0.315                     | 1                   | 5-1/2                 | 540038 | 20                 | 0.787                     | 1-9/16              | 7-7/8                 | 540042 |