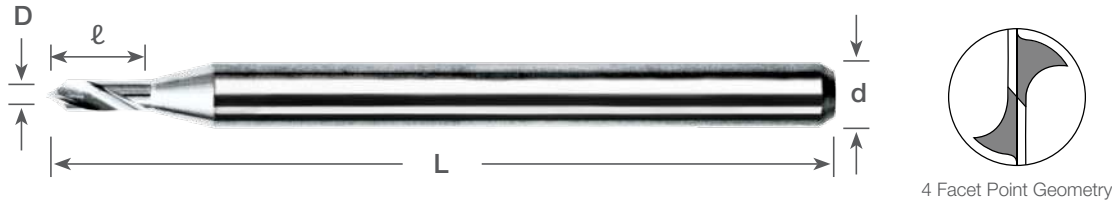


1/8" SHANK

MICRO SPOTTING DRILLS

0.0050" - 0.1250" DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



4 Facet Point Geometry

90° Included Point Angle



Symbol Descriptions [Page 7](#)

| Dimensions (in) | | | | Uncoated | | AlTiN Coating | |
|---|-----|--------|-------|-------------|-------|---------------|-------|
| D ^{+0.0000} / _{-0.0003} | d | ℓ | L | Part Number | Stock | Part Number | Stock |
| 0.0050 | 1/8 | 0.0250 | 1 1/2 | 080-0050.90 | ● | 080-0050L90 | ● |
| 0.0100 | 1/8 | 0.0350 | 1 1/2 | 080-0100.90 | ● | 080-0100L90 | ● |
| 0.0150 | 1/8 | 0.0450 | 1 1/2 | 080-0150.90 | ● | 080-0150L90 | ● |
| 0.0200 | 1/8 | 0.0500 | 1 1/2 | 080-0200.90 | ● | 080-0200L90 | ● |
| 0.0312 | 1/8 | 0.0900 | 1 1/2 | 080-0312.90 | ● | 080-0312L90 | ● |
| 0.0625 | 1/8 | 0.2000 | 1 1/2 | 080-0625.90 | ● | 080-0625L90 | ● |
| 0.0938 | 1/8 | 0.2000 | 1 1/2 | 080-0938.90 | ● | 080-0938L90 | ● |
| 0.1250 | 1/8 | 0.2000 | 1 1/2 | 080-1250.90 | ● | 080-1250L90 | ● |

130° Included Point Angle



Symbol Descriptions [Page 7](#)

| Dimensions (in) | | | | Uncoated | | AlTiN Coating | |
|---|-----|--------|-------|--------------|-------|---------------|-------|
| D ^{+0.0000} / _{-0.0003} | d | ℓ | L | Part Number | Stock | Part Number | Stock |
| 0.0050 | 1/8 | 0.0250 | 1 1/2 | 080-0050.130 | ● | 080-0050L130 | ● |
| 0.0100 | 1/8 | 0.0350 | 1 1/2 | 080-0100.130 | ● | 080-0100L130 | ● |
| 0.0150 | 1/8 | 0.0450 | 1 1/2 | 080-0150.130 | ● | 080-0150L130 | ● |
| 0.0200 | 1/8 | 0.0500 | 1 1/2 | 080-0200.130 | ● | 080-0200L130 | ● |
| 0.0312 | 1/8 | 0.0900 | 1 1/2 | 080-0312.130 | ● | 080-0312L130 | ● |
| 0.0625 | 1/8 | 0.2000 | 1 1/2 | 080-0625.130 | ● | 080-0625L130 | ● |
| 0.0938 | 1/8 | 0.2000 | 1 1/2 | 080-0938.130 | ● | 080-0938L130 | ● |
| 0.1250 | 1/8 | 0.2000 | 1 1/2 | 080-1250.130 | ● | 080-1250L130 | ● |

SERIES 080 WORKPIECE MATERIAL

| Coating | P Steel ~30HRC | P Steel 30-40HRC | H Hardened Steel ~55HRC | H Hardened Steel ~68HRC | M Stainless Steel | K Cast Iron | N Aluminum | N Graphite | N Copper Alloy | N CFRP | N Plastic | N Thermoset Plastic | N High Density Plastic | S Nickel / Cobalt | S Titanium Alloy |
|----------|----------------------|------------------------|-------------------------------|-------------------------------|-------------------------|----------------|---------------|---------------|----------------------|-----------|--------------|---------------------------|------------------------------|-------------------------|------------------------|
| AlTiN | ★ | ★ | ★ | ★ | ★ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ |
| Uncoated | | | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ |

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)