

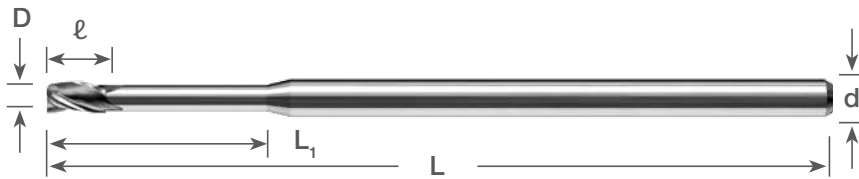
3 FLUTE

NEW

0.0650" - 0.0938" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide

EXTENDED REACH STUB LENGTH SQUARE END MILLS
DEEP REACH MILLING

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EXTENDED Reach **STUB** Length (Inch Sizes)

| Dimensions (in) | | | | | Uncoated | | AlTiN Coating | | NEW DLC Coating | |
|--------------------------------|-----|-------|-------|----------------|----------------|-------|----------------|-------|------------------------|-------|
| D ^{+0.000 -0.001} | d | ℓ | L | L ₁ | Part Number | Stock | Part Number | Stock | Part Number | Stock |
| 0.0650 | 1/8 | 0.097 | 2 1/2 | 0.325 | 1742-0650.325 | ● | 1742-0650L325 | ● | 1742-0650D325 | ■ |
| 0.0650 | 1/8 | 0.097 | 2 1/2 | 0.530 | 1742-0650.530 | ● | 1742-0650L530 | ● | 1742-0650D530 | ■ |
| 0.0650 | 1/8 | 0.097 | 2 1/2 | 0.800 | 1742-0650.800 | ● | 1742-0650L800 | ● | 1742-0650D800 | ■ |
| 0.0700 | 1/8 | 0.105 | 2 1/2 | 0.375 | 1742-0700.375 | ● | 1742-0700L375 | ● | 1742-0700D375 | ■ |
| 0.0700 | 1/8 | 0.105 | 2 1/2 | 0.570 | 1742-0700.570 | ● | 1742-0700L570 | ● | 1742-0700D570 | ■ |
| 0.0700 | 1/8 | 0.105 | 2 1/2 | 0.850 | 1742-0700.850 | ● | 1742-0700L850 | ● | 1742-0700D850 | ■ |
| 0.0750 | 1/8 | 0.112 | 2 1/2 | 0.375 | 1742-0750.375 | ● | 1742-0750L375 | ● | 1742-0750D375 | ■ |
| 0.0750 | 1/8 | 0.112 | 2 1/2 | 0.625 | 1742-0750.625 | ● | 1742-0750L625 | ● | 1742-0750D625 | ■ |
| 0.0750 | 1/8 | 0.112 | 2 1/2 | 0.900 | 1742-0750.900 | ● | 1742-0750L900 | ● | 1742-0750D900 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 2 1/2 | 0.234 | 1742-0781.234 | ● | 1742-0781L234 | ● | 1742-0781D234 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 2 1/2 | 0.406 | 1742-0781.406 | ● | 1742-0781L406 | ● | 1742-0781D406 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 2 1/2 | 0.625 | 1742-0781.625 | ● | 1742-0781L625 | ● | 1742-0781D625 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 2 1/2 | 0.800 | 1742-0781.800 | ● | 1742-0781L800 | ● | 1742-0781D800 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 2 1/2 | 0.940 | 1742-0781.940 | ● | 1742-0781L940 | ● | 1742-0781D940 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 2 1/2 | 1.187 | 1742-0781.1187 | ● | 1742-0781L1187 | ● | 1742-0781D1187 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 3 | 1.562 | 1742-0781.1562 | ● | 1742-0781L1562 | ● | 1742-0781D1562 | ■ |
| 0.0781 (5/64) | 1/8 | 0.117 | 3 | 1.950 | 1742-0781.1950 | ● | 1742-0781L1950 | ● | 1742-0781D1950 | ■ |
| 0.0800 | 1/8 | 0.120 | 2 1/2 | 0.406 | 1742-0800.406 | ● | 1742-0800L406 | ● | 1742-0800D406 | ■ |
| 0.0800 | 1/8 | 0.120 | 2 1/2 | 0.650 | 1742-0800.650 | ● | 1742-0800L650 | ● | 1742-0800D650 | ■ |
| 0.0800 | 1/8 | 0.120 | 2 1/2 | 0.960 | 1742-0800.960 | ● | 1742-0800L960 | ● | 1742-0800D960 | ■ |
| 0.0850 | 1/8 | 0.127 | 2 1/2 | 0.425 | 1742-0850.425 | ● | 1742-0850L425 | ● | 1742-0850D425 | ■ |
| 0.0850 | 1/8 | 0.127 | 2 1/2 | 0.700 | 1742-0850.700 | ● | 1742-0850L700 | ● | 1742-0850D700 | ■ |
| 0.0850 | 1/8 | 0.127 | 2 1/2 | 1.020 | 1742-0850.1020 | ● | 1742-0850L1020 | ● | 1742-0850D1020 | ■ |
| 0.0900 | 1/8 | 0.135 | 2 1/2 | 0.450 | 1742-0900.450 | ● | 1742-0900L450 | ● | 1742-0900D450 | ■ |
| 0.0900 | 1/8 | 0.135 | 2 1/2 | 0.750 | 1742-0900.750 | ● | 1742-0900L750 | ● | 1742-0900D750 | ■ |
| 0.0900 | 1/8 | 0.135 | 2 1/2 | 1.080 | 1742-0900.1080 | ● | 1742-0900L1080 | ● | 1742-0900D1080 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 2 1/2 | 0.279 | 1742-0938.279 | ● | 1742-0938L279 | ● | 1742-0938D279 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 2 1/2 | 0.500 | 1742-0938.500 | ● | 1742-0938L500 | ● | 1742-0938D500 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 2 1/2 | 0.750 | 1742-0938.750 | ● | 1742-0938L750 | ● | 1742-0938D750 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 2 1/2 | 0.950 | 1742-0938.950 | ● | 1742-0938L950 | ● | 1742-0938D950 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 2 1/2 | 1.125 | 1742-0938.1125 | ● | 1742-0938L1125 | ● | 1742-0938D1125 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 3 | 1.400 | 1742-0938.1400 | ● | 1742-0938L1400 | ● | 1742-0938D1400 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 3 | 1.675 | 1742-0938.1675 | ● | 1742-0938L1675 | ● | 1742-0938D1675 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 4 | 1.875 | 1742-0938.1875 | ● | 1742-0938L1875 | ● | 1742-0938D1875 | ■ |
| 0.0938 (3/32) | 1/8 | 0.139 | 4 | 2.312 | 1742-0938.2312 | ● | 1742-0938L2312 | ● | 1742-0938D2312 | ■ |

SERIES 1742 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 | ★ | ★ | ★ | ☆ | ☆ | ☆ | | | | | | | | ☆ | ☆ |
| DLC | | | | | | | ☆ | ★ | ☆ | ★ | ★ | ★ | | | |
| Uncoated | | | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ |

★ : Priority ☆ : Applicable Materials

Symbol Descriptions Page 7

● : U.S. Stock Standard
 ■ : NOT STOCKED - Call for Delivery
 ▲ : Coming Soon