

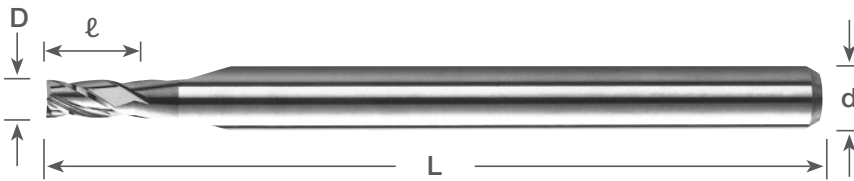
4 FLUTE

STUB LENGTH SQUARE END MILLS
GENERAL PURPOSE MACHINING

0.0050" - 0.0394" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



Symbol Descriptions Page 7

STUB Length (Inch Sizes)

| | Dimensions (in) | | | | Uncoated | | AlTiN Coating | | NEW DLC Coating | |
|-----|---|-----|-------|-------|---------------|-------|---------------|-------|-----------------|-------|
| | D ^{+0.000} / _{-0.001} | d | ℓ | L | Part Number | Stock | Part Number | Stock | Part Number | Stock |
| NEW | 0.0050 | 1/8 | 0.007 | 1 1/2 | 1820-0050.007 | ● | 1820-0050L007 | ● | - | - |
| NEW | 0.0060 | 1/8 | 0.009 | 1 1/2 | 1820-0060.009 | ● | 1820-0060L009 | ● | - | - |
| NEW | 0.0070 | 1/8 | 0.010 | 1 1/2 | 1820-0070.010 | ● | 1820-0070L010 | ● | - | - |
| NEW | 0.0080 | 1/8 | 0.012 | 1 1/2 | 1820-0080.012 | ● | 1820-0080L012 | ● | - | - |
| NEW | 0.0090 | 1/8 | 0.013 | 1 1/2 | 1820-0090.013 | ● | 1820-0090L013 | ● | - | - |
| NEW | 0.0100 | 1/8 | 0.015 | 1 1/2 | 1820-0100.015 | ● | 1820-0100L015 | ● | 1820-0100D015 | ■ |
| NEW | 0.0110 | 1/8 | 0.016 | 1 1/2 | 1820-0110.016 | ● | 1820-0110L016 | ● | - | - |
| NEW | 0.0120 | 1/8 | 0.018 | 1 1/2 | 1820-0120.018 | ● | 1820-0120L018 | ● | - | - |
| NEW | 0.0130 | 1/8 | 0.019 | 1 1/2 | 1820-0130.019 | ● | 1820-0130L019 | ● | - | - |
| NEW | 0.0140 | 1/8 | 0.021 | 1 1/2 | 1820-0140.021 | ● | 1820-0140L021 | ● | - | - |
| NEW | 0.0156 (1/64) | 1/8 | 0.022 | 1 1/2 | 1820-0156.022 | ● | 1820-0156L022 | ● | 1820-0156D022 | ■ |
| NEW | 0.0160 | 1/8 | 0.024 | 1 1/2 | 1820-0160.024 | ● | 1820-0160L024 | ● | - | - |
| NEW | 0.0170 | 1/8 | 0.026 | 1 1/2 | 1820-0170.026 | ● | 1820-0170L026 | ● | - | - |
| NEW | 0.0180 | 1/8 | 0.027 | 1 1/2 | 1820-0180.027 | ● | 1820-0180L027 | ● | - | - |
| NEW | 0.0190 | 1/8 | 0.029 | 1 1/2 | 1820-0190.029 | ● | 1820-0190L029 | ● | - | - |
| NEW | 0.0200 | 1/8 | 0.030 | 1 1/2 | 1820-0200.030 | ● | 1820-0200L030 | ● | 1820-0200D030 | ■ |
| NEW | 0.0210 | 1/8 | 0.031 | 1 1/2 | 1820-0210.031 | ● | 1820-0210L031 | ● | - | - |
| NEW | 0.0220 | 1/8 | 0.033 | 1 1/2 | 1820-0220.033 | ● | 1820-0220L033 | ● | - | - |
| NEW | 0.0230 | 1/8 | 0.035 | 1 1/2 | 1820-0230.035 | ● | 1820-0230L035 | ● | - | - |
| NEW | 0.0240 | 1/8 | 0.036 | 1 1/2 | 1820-0240.036 | ● | 1820-0240L036 | ● | - | - |
| NEW | 0.0250 | 1/8 | 0.037 | 1 1/2 | 1820-0250.037 | ● | 1820-0250L037 | ● | 1820-0250D037 | ■ |
| NEW | 0.0260 | 1/8 | 0.039 | 1 1/2 | 1820-0260.039 | ● | 1820-0260L039 | ● | - | - |
| NEW | 0.0270 | 1/8 | 0.041 | 1 1/2 | 1820-0270.041 | ● | 1820-0270L041 | ● | - | - |
| NEW | 0.0280 | 1/8 | 0.042 | 1 1/2 | 1820-0280.042 | ● | 1820-0280L042 | ● | - | - |
| NEW | 0.0290 | 1/8 | 0.043 | 1 1/2 | 1820-0290.043 | ● | 1820-0290L043 | ● | - | - |
| NEW | 0.0300 | 1/8 | 0.045 | 1 1/2 | 1820-0300.045 | ● | 1820-0300L045 | ● | 1820-0300D045 | ■ |
| | 0.0312 (1/32) | 1/8 | 0.047 | 1 1/2 | 1820-0312.047 | ● | 1820-0312L047 | ● | - | - |
| NEW | 0.0320 | 1/8 | 0.048 | 1 1/2 | 1820-0320.048 | ● | 1820-0320L048 | ● | - | - |
| NEW | 0.0330 | 1/8 | 0.049 | 1 1/2 | 1820-0330.049 | ● | 1820-0330L049 | ● | - | - |
| NEW | 0.0340 | 1/8 | 0.051 | 1 1/2 | 1820-0340.051 | ● | 1820-0340L051 | ● | - | - |
| NEW | 0.0350 | 1/8 | 0.052 | 1 1/2 | 1820-0350.052 | ● | 1820-0350L052 | ● | 1820-0350D052 | ■ |
| NEW | 0.0360 | 1/8 | 0.054 | 1 1/2 | 1820-0360.054 | ● | 1820-0360L054 | ● | - | - |
| NEW | 0.0370 | 1/8 | 0.055 | 1 1/2 | 1820-0370.055 | ● | 1820-0370L055 | ● | - | - |
| NEW | 0.0380 | 1/8 | 0.057 | 1 1/2 | 1820-0380.057 | ● | 1820-0380L057 | ● | - | - |
| NEW | 0.0394 | 1/8 | 0.058 | 1 1/2 | 1820-0394.058 | ● | 1820-0394L058 | ● | 1820-0394D058 | ■ |

| SERIES 1820 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

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