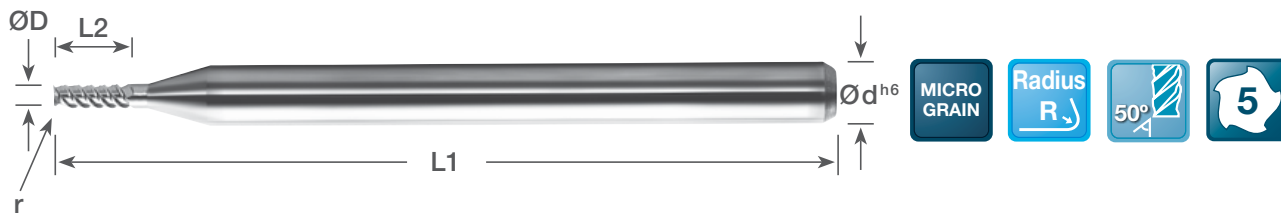


5 FLUTE

STANDARD LENGTH
HIGH HELIX CORNER RADIUS END MILLS

1.00mm - 6.00mm DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



HIGH HELIX Corner Radius STANDARD Length (Metric Sizes)

| Uncoated | | AITIN Coating | | Dimensions (mm) | | | | |
|----------------|-------|----------------|-------|-----------------------------------|------------------|-------|-------|------|
| Part Number | Stock | Part Number | Stock | ØD ^{+0.00mm -0.02mm} | Ød ^{h6} | L1 | L2 | r |
| 1905-0394.118R | ● | 1905-0394L118R | ● | 1.00 | 3.00 | 38.00 | 3.00 | 0.10 |
| 1905-0591.177R | ● | 1905-0591L177R | ● | 1.50 | 3.00 | 38.00 | 4.50 | 0.15 |
| 1905-0787.236R | ● | 1905-0787L236R | ● | 2.00 | 3.00 | 38.00 | 6.00 | 0.20 |
| 1905-0984.295R | ● | 1905-0984L295R | ● | 2.50 | 3.00 | 38.00 | 7.50 | 0.25 |
| 1905-1181.354R | ● | 1905-1181L354R | ● | 3.00 | 3.00 | 38.00 | 9.00 | 0.30 |
| 1905-1378.473R | ● | 1905-1378L473R | ● | 3.50 | 6.00 | 50.00 | 12.00 | 0.35 |
| 1905-1575.473R | ● | 1905-1575L473R | ● | 4.00 | 5.00 | 50.00 | 12.00 | 0.40 |
| 1905-1772.590R | ● | 1905-1772L590R | ● | 4.50 | 6.00 | 50.00 | 15.00 | 0.45 |
| 1905-1968.590R | ● | 1905-1968L590R | ● | 5.00 | 5.00 | 50.00 | 15.00 | 0.50 |
| 1905-2165.709R | ● | 1905-2165L709R | ● | 5.50 | 6.00 | 50.00 | 15.00 | 0.55 |
| 1905-2362.709R | ● | 1905-2362L709R | ● | 6.00 | 6.00 | 50.00 | 18.00 | 0.60 |

Corner Radius Tolerance

| | |
|--------------|-----------------|
| Diameter (D) | 1.00mm - 6.00mm |
| + / - | 0.03mm |

L SOLID TOOLS

- DRILLS
- END MILLS
- ROUTERS
- THREAD MILLS & TAPS
- ENGRAVERS
- BORING BARS
- REAMERS
- TECHNICAL

| SERIES 1905 WORKPIECE MATERIAL | | | | | | | | | | | | | | | | |
|--------------------------------|--------------|----------------|-----------------------|-----------------------|-----------------|-----------|----------|----------|--------------|-------|------|---------|-------------------|----------------------|-----------------|----------------|
| Coating | P | P | H | H | M | K | N | N | N | N | N | N | N | S | S | |
| | Steel ~30HRC | Steel 30-40HRC | Hardened Steel ~55HRC | Hardened Steel ~68HRC | Stainless Steel | Cast Iron | Aluminum | Graphite | Copper Alloy | Brass | CFRP | Plastic | Thermoset Plastic | High Density Plastic | Nickel / Cobalt | Titanium Alloy |
| AITIN | ★ | ★ | ★ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ |
| Uncoated | | | | | | | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ |

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L222, L224

Symbol Descriptions Page L3