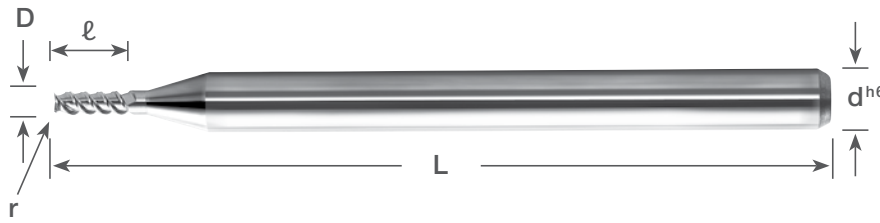


# 4 FLUTE

STANDARD LENGTH HIGH HELIX CORNER RADIUS END MILLS

1.00mm - 6.00mm DIAMETER

Mirror Surface Finishes  
Sub Micron Grain Carbide



Symbol Descriptions [Page 7](#)

## HIGH HELIX Corner Radius STANDARD Length (Metric Sizes)

Dimensions (mm)					Uncoated		AlTiN Coating	
D <sup>+0.00mm</sup> / <sub>-0.02mm</sub>	d <sup>h6</sup>	ℓ	L	r	Part Number	Stock	Part Number	Stock
1.00	3	3.0	38	0.10	1804-0394.118R	●	1804-0394L118R	●
1.50	3	4.5	38	0.15	1804-0591.177R	●	1804-0591L177R	●
2.00	3	6.0	38	0.20	1804-0787.236R	●	1804-0787L236R	●
2.50	3	7.5	38	0.25	1804-0984.295R	●	1804-0984L295R	●
3.00	3	9.0	38	0.30	1804-1181.354R	●	1804-1181L354R	●
3.50	6	12.0	50	0.35	1804-1378.473R	●	1804-1378L473R	●
4.00	5	12.0	50	0.40	1804-1575.473R	●	1804-1575L473R	●
4.50	6	15.0	50	0.45	1804-1772.590R	●	1804-1772L590R	●
5.00	5	15.0	50	0.50	1804-1968.590R	●	1804-1968L590R	●
5.50	6	18.0	50	0.55	1804-2165.709R	●	1804-2165L709R	●
6.00	6	18.0	50	0.60	1804-2362.709R	●	1804-2362L709R	●

**Corner Radius Tolerance**

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

SERIES 1804 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	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AlTiN	★	★	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
Uncoated							☆	☆	☆	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

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

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