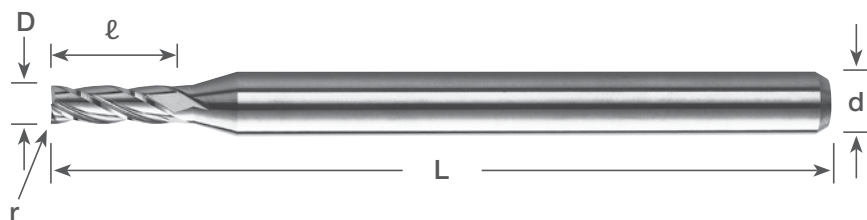


### 4 FLUTE

0.0150" - 0.2500" DIAMETER

STANDARD LENGTH  
SMALL CORNER RADIUS END MILLS

Mirror Surface Finishes  
Sub Micron Grain Carbide



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### SMALL Corner Radius STANDARD Length (Inch Sizes)

	Dimensions (in)					Uncoated		AlTiN Coating		NEW DLC Coating	
	D <sup>+0.000 -0.001</sup>	d	ℓ	L	r	Part Number	Stock	Part Number	Stock	Part Number	Stock
	0.0150	1/8	0.045	1 1/2	0.003	1812-0150.045CR	●	1812-0150L045CR	●	1812-0150D045CR	■
NEW	0.0156 (1/64)	1/8	0.045	1 1/2	0.003	1812-0156.045CR	●	1812-0156L045CR	●	1812-0156D045CR	■
NEW	0.0200	1/8	0.030	1 1/2	0.005	1812-0200.030CR	●	1812-0200L030CR	●	1812-0200D030CR	■
	0.0200	1/8	0.060	1 1/2	0.005	1812-0200.060CR	●	1812-0200L060CR	●	1812-0200D060CR	■
NEW	0.0250	1/8	0.038	1 1/2	0.005	1812-0250.038CR	●	1812-0250L038CR	●	1812-0250D038CR	■
	0.0250	1/8	0.075	1 1/2	0.005	1812-0250.075CR	●	1812-0250L075CR	●	1812-0250D075CR	■
	0.0300	1/8	0.090	1 1/2	0.005	1812-0300.090CR	●	1812-0300L090CR	●	1812-0300D090CR	■
NEW	0.0312 (1/32)	1/8	0.047	1 1/2	0.005	1812-0312.047CR	●	1812-0312L047CR	●	1812-0312D047CR	■
NEW	0.0312 (1/32)	1/8	0.093	1 1/2	0.005	1812-0312.093CR	●	1812-0312L093CR	●	1812-0312D093CR	■
	0.0350	1/8	0.105	1 1/2	0.005	1812-0350.105CR	●	1812-0350L105CR	●	1812-0350D105CR	■
	0.0400	1/8	0.120	1 1/2	0.005	1812-0400.120CR	●	1812-0400L120CR	●	1812-0400D120CR	■
	0.0450	1/8	0.135	1 1/2	0.005	1812-0450.135CR	●	1812-0450L135CR	●	1812-0450D135CR	■
NEW	0.0469 (3/64)	1/8	0.071	1 1/2	0.005	1812-0469.071CR	●	1812-0469L071CR	●	1812-0469D071CR	■
NEW	0.0469 (3/64)	1/8	0.141	1 1/2	0.005	1812-0469.141CR	●	1812-0469L141CR	●	1812-0469D141CR	■
	0.0500	1/8	0.150	1 1/2	0.010	1812-0500.150CR	●	1812-0500L150CR	●	1812-0500D150CR	■
NEW	0.0550	1/8	0.165	1 1/2	0.005	1812-0550.165CR	●	1812-0550L165CR	●	1812-0550D165CR	■
	0.0600	1/8	0.180	1 1/2	0.010	1812-0600.180CR	●	1812-0600L180CR	●	1812-0600D180CR	■
NEW	0.0625 (1/16)	1/8	0.093	1 1/2	0.005	1812-0625.093CR	●	1812-0625L093CR	●	1812-0625D093CR	■
NEW	0.0625 (1/16)	1/8	0.186	1 1/2	0.005	1812-0625.186CR	●	1812-0625L186CR	●	1812-0625D186CR	■
NEW	0.0650	1/8	0.195	1 1/2	0.005	1812-0650.195CR	●	1812-0650L195CR	●	1812-0650D195CR	■
	0.0700	1/8	0.210	1 1/2	0.010	1812-0700.210CR	●	1812-0700L210CR	●	1812-0700D210CR	■
NEW	0.0750	1/8	0.225	1 1/2	0.005	1812-0750.225CR	●	1812-0750L225CR	●	1812-0750D225CR	■
NEW	0.0781 (5/64)	1/8	0.117	1 1/2	0.005	1812-0781.117CR	●	1812-0781L117CR	●	1812-0781D117CR	■
NEW	0.0781 (5/64)	1/8	0.234	1 1/2	0.005	1812-0781.234CR	●	1812-0781L234CR	●	1812-0781D234CR	■
	0.0800	1/8	0.240	1 1/2	0.010	1812-0800.240CR	●	1812-0800L240CR	●	1812-0800D240CR	■
NEW	0.0850	1/8	0.255	1 1/2	0.005	1812-0850.255CR	●	1812-0850L255CR	●	1812-0850D255CR	■
	0.0900	1/8	0.270	1 1/2	0.010	1812-0900.270CR	●	1812-0900L270CR	●	1812-0900D270CR	■
NEW	0.0938 (3/32)	1/8	0.140	1 1/2	0.005	1812-0938.140CR	●	1812-0938L140CR	●	1812-0938D140CR	■
NEW	0.0938 (3/32)	1/8	0.279	1 1/2	0.005	1812-0938.279CR	●	1812-0938L279CR	●	1812-0938D279CR	■
NEW	0.0950	1/8	0.285	1 1/2	0.005	1812-0950.285CR	●	1812-0950L285CR	●	1812-0950D285CR	■
	0.1000	1/8	0.300	1 1/2	0.010	1812-1000.300CR	●	1812-1000L300CR	●	1812-1000D300CR	■
NEW	0.1250 (1/8)	1/8	0.500	1 1/2	0.005	1812-1250.500CR	●	1812-1250L500CR	●	1812-1250D500CR	■
NEW	0.1562 (5/32)	3/16	0.562	2	0.010	1812-1562.562CR	●	1812-1562L562CR	●	1812-1562D562CR	■
NEW	0.1875 (3/16)	3/16	0.625	2	0.010	1812-1875.625CR	●	1812-1875L625CR	●	1812-1875D625CR	■
NEW	0.2500 (1/4)	1/4	0.750	2 1/2	0.010	1812-2500.750CR	●	1812-2500L750CR	●	1812-2500D750CR	■

#### Corner Radius Tolerance

Diameter (D)	0.0150" - 0.0350"	0.0400" - 0.1000"	0.1250" - 0.1875"	0.2500"
+ / -	0.0010"	0.0015"	0.0020"	0.0030"

#### SERIES 1812 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

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