

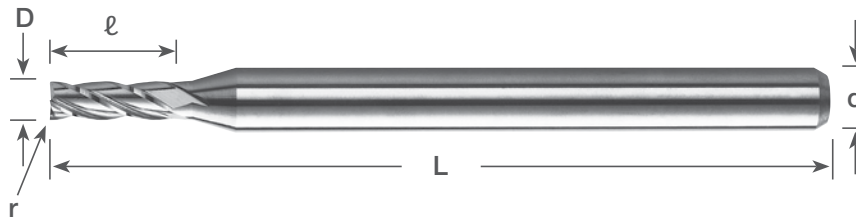
4 FLUTE NEW

0.0450" - 0.2500" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide

STANDARD LENGTH
LARGE / X-LARGE CORNER RADIUS END MILLS



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LARGE Corner Radius STANDARD Length (Inch Sizes)

Dimensions (in)					Uncoated		AlTiN Coating		NEW DLC Coating	
D ^{+0.000} / _{-0.001}	d	ℓ	L	r	Part Number	Stock	Part Number	Stock	Part Number	Stock
0.0450	1/8	0.135	1 1/2	0.015	1814-0450.135CR	●	1814-0450L135CR	●	1814-0450D135CR	■
0.0469 (3/64)	1/8	0.071	1 1/2	0.015	1814-0469.071CR	●	1814-0469L071CR	●	1814-0469D071CR	■
0.0469 (3/64)	1/8	0.141	1 1/2	0.015	1814-0469.141CR	●	1814-0469L141CR	●	1814-0469D141CR	■
0.0550	1/8	0.165	1 1/2	0.015	1814-0550.165CR	●	1814-0550L165CR	●	1814-0550D165CR	■
0.0625 (1/16)	1/8	0.093	1 1/2	0.015	1814-0625.093CR	●	1814-0625L093CR	●	1814-0625D093CR	■
0.0625 (1/16)	1/8	0.186	1 1/2	0.015	1814-0625.186CR	●	1814-0625L186CR	●	1814-0625D186CR	■
0.0650	1/8	0.195	1 1/2	0.015	1814-0650.195CR	●	1814-0650L195CR	●	1814-0650D195CR	■
0.0750	1/8	0.225	1 1/2	0.015	1814-0750.225CR	●	1814-0750L225CR	●	1814-0750D225CR	■
0.0781 (5/64)	1/8	0.117	1 1/2	0.015	1814-0781.117CR	●	1814-0781L117CR	●	1814-0781D117CR	■
0.0781 (5/64)	1/8	0.234	1 1/2	0.015	1814-0781.234CR	●	1814-0781L234CR	●	1814-0781D234CR	■
0.0850	1/8	0.255	1 1/2	0.015	1814-0850.255CR	●	1814-0850L255CR	●	1814-0850D255CR	■
0.0938 (3/32)	1/8	0.140	1 1/2	0.015	1814-0938.140CR	●	1814-0938L140CR	●	1814-0938D140CR	■
0.0938 (3/32)	1/8	0.279	1 1/2	0.015	1814-0938.279CR	●	1814-0938L279CR	●	1814-0938D279CR	■
0.0950	1/8	0.285	1 1/2	0.015	1814-0950.285CR	●	1814-0950L285CR	●	1814-0950D285CR	■
0.1250 (1/8)	1/8	0.500	1 1/2	0.015	1814-1250.500CR	●	1814-1250L500CR	●	1814-1250D500CR	■
0.1875 (3/16)	3/16	0.625	2	0.020	1814-1875.625CR	●	1814-1875L625CR	●	1814-1875D625CR	■
0.2500 (1/4)	1/4	0.750	2 1/2	0.020	1814-2500.750CR	●	1814-2500L750CR	●	1814-2500D750CR	■

X-LARGE Corner Radius STANDARD Length (Inch Sizes)

Dimensions (in)					Uncoated		AlTiN Coating		NEW DLC Coating	
D ^{+0.000} / _{-0.001}	d	ℓ	L	r	Part Number	Stock	Part Number	Stock	Part Number	Stock
0.0625 (1/16)	1/8	0.186	1 1/2	0.020	1816-0625.186CR	●	1816-0625L186CR	●	1816-0625D186CR	■
0.0781 (5/64)	1/8	0.150	1 1/2	0.020	1816-0781.234CR	●	1816-0781L234CR	●	1816-0781D234CR	■
0.0938 (3/32)	1/8	0.140	1 1/2	0.020	1816-0938.140CR	●	1816-0938L140CR	●	1816-0938D140CR	■
0.1250 (1/8)	1/8	0.500	1 1/2	0.020	1816-1250.500CR	●	1816-1250L500CR	●	1816-1250D500CR	■
0.1875 (3/16)	3/16	0.625	2	0.030	1816-1875.625CR	●	1816-1875L625CR	●	1816-1875D625CR	■
0.2500 (1/4)	1/4	0.750	2 1/2	0.030	1816-2500.750CR	●	1816-2500L750CR	●	1816-2500D750CR	■

Corner Radius Tolerance

Diameter (D)	0.0450" - 0.0950"	0.1250" - 0.1875"	0.2500" - 0.5000"
+ / -	0.0015"	0.0020"	0.0030"

SERIES 1814 / 1816 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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