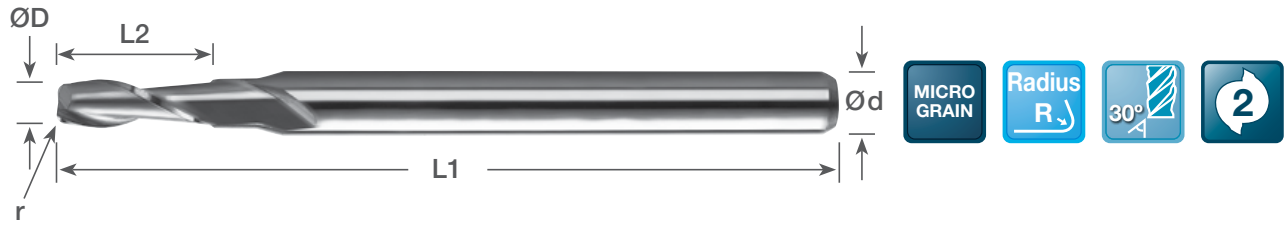


2 FLUTE

0.0450" - 0.5000" DIAMETER

STANDARD LENGTH
LARGE / X-LARGE CORNER RADIUS END MILLS

Mirror Surface Finishes
Sub Micron Grain Carbide



LARGE Corner Radius STANDARD Length (Inch Sizes)

Uncoated		AlTiN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD ^{+0.0000} _{-0.0010}	Ød	L1	L2	r
1614-0450.135CR	●	1614-0450L135CR	●	1614-0450D135CR	■	0.0450	1/8	1 1/2	0.135	0.015
1614-0469.141CR	●	1614-0469L141CR	●	1614-0469D141CR	■	0.0469 (3/64)	1/8	1 1/2	0.141	0.015
1614-0550.165CR	●	1614-0550L165CR	●	1614-0550D165CR	■	0.0550	1/8	1 1/2	0.165	0.015
1614-0625.186CR	●	1614-0625L186CR	●	1614-0625D186CR	■	0.0625 (1/16)	1/8	1 1/2	0.186	0.015
1614-0650.195CR	●	1614-0650L195CR	●	1614-0650D195CR	■	0.0650	1/8	1 1/2	0.195	0.015
1614-0750.225CR	●	1614-0750L225CR	●	1614-0750D225CR	■	0.0750	1/8	1 1/2	0.225	0.015
1614-0781.234CR	●	1614-0781L234CR	●	1614-0781D234CR	■	0.0781 (5/64)	1/8	1 1/2	0.234	0.015
1614-0850.255CR	●	1614-0850L255CR	●	1614-0850D255CR	■	0.0850	1/8	1 1/2	0.255	0.015
1614-0938.279CR	●	1614-0938L279CR	●	1614-0938D279CR	■	0.0938 (3/32)	1/8	1 1/2	0.279	0.015
1614-0950.285CR	●	1614-0950L285CR	●	1614-0950D285CR	■	0.0950	1/8	1 1/2	0.285	0.015
1614-1000.300CR	●	1614-1000L300CR	●	1614-1000D300CR	■	0.1000	1/8	1 1/2	0.300	0.015
1614-1250.500CR	●	1614-1250L500CR	●	1614-1250D500CR	■	0.1250 (1/8)	1/8	1 1/2	0.500	0.015
1614-1875.625CR	●	1614-1875L625CR	●	1614-1875D625CR	■	0.1875 (3/16)	3/16	2	0.625	0.020
1614-2500.750CR	●	1614-2500L750CR	●	1614-2500D750CR	■	0.2500 (1/4)	1/4	2 1/2	0.750	0.020

*DLC is Amorphous Diamond

X-LARGE Corner Radius STANDARD Length (Inch Sizes)

Uncoated		AlTiN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD ^{+0.0000} _{-0.0010}	Ød	L1	L2	r
1616-0625.186CR	●	1616-0625L186CR	●	1616-0625D186CR	■	0.0625 (1/16)	1/8	1 1/2	0.186	0.020
1616-0781.234CR	●	1616-0781L234CR	●	1616-0781D234CR	■	0.0781 (5/64)	1/8	1 1/2	0.234	0.020
1616-0938.279CR	●	1616-0938L279CR	●	1616-0938D279CR	■	0.0938 (3/32)	1/8	1 1/2	0.279	0.020
1616-1250.500CR	●	1616-1250L500CR	●	1616-1250D500CR	■	0.1250 (1/8)	1/8	1 1/2	0.500	0.020
1616-1875.625CR	●	1616-1875L625CR	●	1616-1875D625CR	■	0.1875 (3/16)	3/16	2	0.625	0.030
1616-2500.750CR	●	1616-2500L750CR	●	1616-2500D750CR	■	0.2500 (1/4)	1/4	2 1/2	0.750	0.030
1616-3750.1000C	●	1616-3750L1000C	●	1616-3750D1000C	■	0.3750 (3/8)	3/8	2 1/2	1.000	0.030
1616-5000.1000C	●	1616-5000L1000C	●	1616-5000D1000C	■	0.5000 (1/2)	1/2	3	1.000	0.030

*DLC is Amorphous Diamond

Corner Radius Tolerance

Diameter (D)	0.0450" - 0.1000"	0.1250" - 0.1875"	0.2500" - 0.5000"
+ / -	0.0015"	0.0020"	0.0030"

SERIES 1614 / 1616 WORKPIECE MATERIAL																
Coating	P	P	H	H	M	K	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	Thermcoat Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AlTiN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	★	★	☆	★	★	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221, L223

Symbol Descriptions Page L3

● : U.S. Stock Standard
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