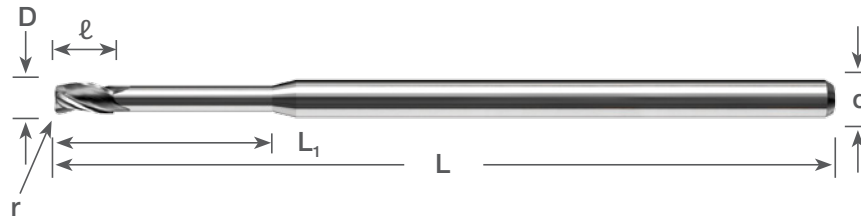


3 FLUTE NEW

0.0312" - 0.2500" DIAMETER

EXTENDED REACH
STANDARD CORNER RADIUS END MILLS

Mirror Surface Finishes
Sub Micron Grain Carbide



Symbol Descriptions [Page 7](#)

STANDARD Corner Radius EXTENDED Reach (Inch Sizes)

Dimensions (in)						Uncoated		AlTiN Coating		DLC Coating NEW	
D ^{+0.000} _{-0.001}	d	ℓ	L	L ₁	r	Part Number	Stock	Part Number	Stock	Part Number	Stock
0.0312 (1/32)	1/8	0.046	2 1/2	0.156	0.010	1744-0312.156CR	●	1744-0312L156CR	●	1744-0312D156CR	■
0.0312 (1/32)	1/8	0.046	2 1/2	0.250	0.010	1744-0312.250CR	●	1744-0312L250CR	●	1744-0312D250CR	■
0.0312 (1/32)	1/8	0.046	2 1/2	0.375	0.010	1744-0312.375CR	●	1744-0312L375CR	●	1744-0312D375CR	■
0.0469 (3/64)	1/8	0.070	2 1/2	0.250	0.010	1744-0469.250CR	●	1744-0469L250CR	●	1744-0469D250CR	■
0.0469 (3/64)	1/8	0.070	2 1/2	0.375	0.010	1744-0469.375CR	●	1744-0469L375CR	●	1744-0469D375CR	■
0.0469 (3/64)	1/8	0.070	2 1/2	0.570	0.010	1744-0469.570CR	●	1744-0469L570CR	●	1744-0469D570CR	■
0.0625 (1/16)	1/8	0.093	2 1/2	0.312	0.010	1744-0625.312CR	●	1744-0625L312CR	●	1744-0625D312CR	■
0.0625 (1/16)	1/8	0.093	2 1/2	0.500	0.010	1744-0625.500CR	●	1744-0625L500CR	●	1744-0625D500CR	■
0.0625 (1/16)	1/8	0.093	2 1/2	0.750	0.010	1744-0625.750CR	●	1744-0625L750CR	●	1744-0625D750CR	■
0.0781 (5/64)	1/8	0.117	2 1/2	0.406	0.010	1744-0781.406CR	●	1744-0781L406CR	●	1744-0781D406CR	■
0.0781 (5/64)	1/8	0.117	2 1/2	0.625	0.010	1744-0781.625CR	●	1744-0781L625CR	●	1744-0781D625CR	■
0.0781 (5/64)	1/8	0.117	2 1/2	0.940	0.010	1744-0781.940CR	●	1744-0781L940CR	●	1744-0781D940CR	■
0.0938 (3/32)	1/8	0.139	2 1/2	0.500	0.010	1744-0938.500CR	●	1744-0938L500CR	●	1744-0938D500CR	■
0.0938 (3/32)	1/8	0.139	2 1/2	0.750	0.010	1744-0938.750CR	●	1744-0938L750CR	●	1744-0938D750CR	■
0.0938 (3/32)	1/8	0.139	2 1/2	1.125	0.010	1744-0938.1125C	●	1744-0938L1125C	●	1744-0938D1125C	■
0.1250 (1/8)	1/8	0.187	2 1/2	0.625	0.015	1744-1250.625CR	●	1744-1250L625CR	●	1744-1250D625CR	■
0.1250 (1/8)	1/8	0.187	2 1/2	1.000	0.015	1744-1250.1000C	●	1744-1250L1000C	●	1744-1250D1000C	■
0.1250 (1/8)	1/8	0.187	3	1.500	0.015	1744-1250.1500C	●	1744-1250L1500C	●	1744-1250D1500C	■
0.1562 (5/32)	3/16	0.234	3	0.750	0.015	1744-1562.750CR	●	1744-1562L750CR	●	1744-1562D750CR	■
0.1562 (5/32)	3/16	0.234	3	1.250	0.015	1744-1562.1250C	●	1744-1562L1250C	●	1744-1562D1250C	■
0.1875 (3/16)	3/16	0.281	3	1.000	0.030	1744-1875.1000C	●	1744-1875L1000C	●	1744-1875D1000C	■
0.1875 (3/16)	3/16	0.281	3	1.500	0.030	1744-1875.1500C	●	1744-1875L1500C	●	1744-1875D1500C	■
0.1875 (3/16)	3/16	0.281	4	2.250	0.030	1744-1875.2250C	●	1744-1875L2250C	●	1744-1875D2250C	■
0.2500 (1/4)	1/4	0.375	4	1.250	0.030	1744-2500.1250C	●	1744-2500L1250C	●	1744-2500D1250C	■
0.2500 (1/4)	1/4	0.375	4	2.000	0.030	1744-2500.2000C	●	1744-2500L2000C	●	1744-2500D2000C	■
0.2500 (1/4)	1/4	0.375	6	3.000	0.030	1744-2500.3000C	●	1744-2500L3000C	●	1744-2500D3000C	■

Corner Radius Tolerance

Diameter (D)	0.0312"	0.0469" - 0.0938"	0.1250" - 0.1875"	0.2500"
+ / -	0.0010"	0.0015"	0.0020"	0.0030"

SERIES 1744 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	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AlTiN	★	★	★	☆	☆	☆								☆	☆
DLC							☆	★	☆	★	★	★			
Uncoated							☆	☆	★	☆	★	★	☆		☆

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

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

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