

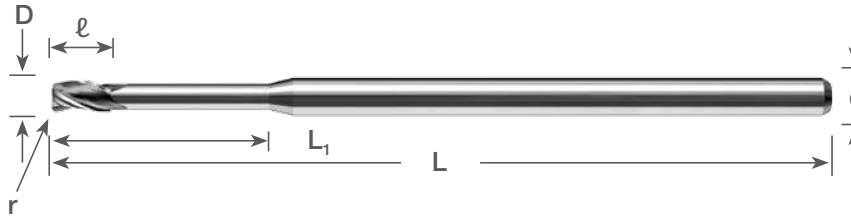
3 FLUTE NEW

0.0625" - 0.1250" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide

EXTENDED REACH LARGE CORNER RADIUS END MILLS



Symbol Descriptions [Page 7](#)

LARGE Corner Radius EXTENDED Reach (Inch Sizes)

Dimensions (in)						Uncoated		AlTiN Coating		NEW DLC Coating	
D ^{+0.000 -0.001}	d	ℓ	L	L ₁	r	Part Number	Stock	Part Number	Stock	Part Number	Stock
0.0625 (1/16)	1/8	0.093	2 1/2	0.312	0.015	1746-0625.312CR	●	1746-0625L312CR	●	1746-0625D312CR	■
0.0625 (1/16)	1/8	0.093	2 1/2	0.500	0.015	1746-0625.500CR	●	1746-0625L500CR	●	1746-0625D500CR	■
0.0625 (1/16)	1/8	0.093	2 1/2	0.750	0.015	1746-0625.750CR	●	1746-0625L750CR	●	1746-0625D750CR	■
0.0781 (5/64)	1/8	0.117	2 1/2	0.406	0.015	1746-0781.406CR	●	1746-0781L406CR	●	1746-0781D406CR	■
0.0781 (5/64)	1/8	0.117	2 1/2	0.625	0.015	1746-0781.625CR	●	1746-0781L625CR	●	1746-0781D625CR	■
0.0781 (5/64)	1/8	0.117	2 1/2	0.940	0.015	1746-0781.940CR	●	1746-0781L940CR	●	1746-0781D940CR	■
0.0938 (3/32)	1/8	0.139	2 1/2	0.500	0.015	1746-0938.500CR	●	1746-0938L500CR	●	1746-0938D500CR	■
0.0938 (3/32)	1/8	0.139	2 1/2	0.750	0.015	1746-0938.750CR	●	1746-0938L750CR	●	1746-0938D750CR	■
0.0938 (3/32)	1/8	0.139	2 1/2	1.125	0.015	1746-0938.1125C	●	1746-0938L1125C	●	1746-0938D1125C	■
0.1250 (1/8)	1/8	0.187	2 1/2	0.625	0.030	1746-1250.625CR	●	1746-1250L625CR	●	1746-1250D625CR	■
0.1250 (1/8)	1/8	0.187	2 1/2	1.000	0.030	1746-1250.1000C	●	1746-1250L1000C	●	1746-1250D1000C	■
0.1250 (1/8)	1/8	0.187	3	1.500	0.030	1746-1250.1500C	●	1746-1250L1500C	●	1746-1250D1500C	■

Corner Radius Tolerance

Diameter (D)	0.0625" - 0.0938"	0.1250"
+ / -	0.0015"	0.0020"

SERIES 1746 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

Symbol Descriptions [Page 7](#)