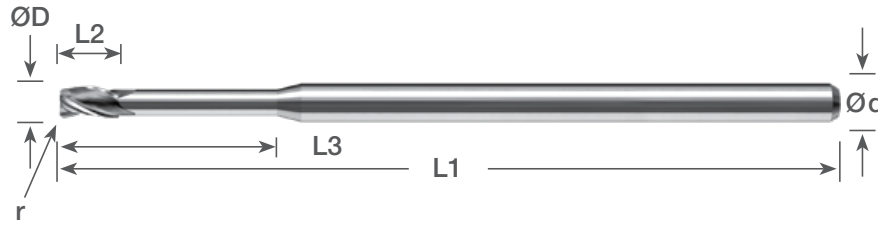


# 3 FLUTE

EXTENDED REACH LARGE CORNER RADIUS END MILLS

0.0625" - 0.1250" DIAMETER

Mirror Surface Finishes  
Sub Micron Grain Carbide



## LARGE Corner Radius EXTENDED Reach (Inch Sizes)

Uncoated		AlTiN Coating		DLC* Coating		Dimensions (in)					
Part Number	Stock	Part Number	Stock	Part Number	Stock	$\text{ØD}^{+0.0000}_{-0.0010}$	Ød	L1	L2	L3	r
1746-0625.312CR	●	1746-0625L312CR	●	1746-0625D312CR	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.312	0.015
1746-0625.500CR	●	1746-0625L500CR	●	1746-0625D500CR	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.500	0.015
1746-0625.750CR	●	1746-0625L750CR	●	1746-0625D750CR	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.750	0.015
1746-0781.406CR	●	1746-0781L406CR	●	1746-0781D406CR	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.406	0.015
1746-0781.625CR	●	1746-0781L625CR	●	1746-0781D625CR	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.625	0.015
1746-0781.940CR	●	1746-0781L940CR	●	1746-0781D940CR	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.940	0.015
1746-0938.500CR	●	1746-0938L500CR	●	1746-0938D500CR	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.500	0.015
1746-0938.750CR	●	1746-0938L750CR	●	1746-0938D750CR	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.750	0.015
1746-0938.1125C	●	1746-0938L1125C	●	1746-0938D1125C	■	0.0938 (3/32)	1/8	2 1/2	0.139	1.125	0.015
1746-1250.625CR	●	1746-1250L625CR	●	1746-1250D625CR	■	0.1250 (1/8)	1/8	2 1/2	0.187	0.625	0.030
1746-1250.1000C	●	1746-1250L1000C	●	1746-1250D1000C	■	0.1250 (1/8)	1/8	2 1/2	0.187	1.000	0.030
1746-1250.1500C	●	1746-1250L1500C	●	1746-1250D1500C	■	0.1250 (1/8)	1/8	3	0.187	1.500	0.030

Neck Diameter = 0.95 X Cutting Diameter

\*DLC is Amorphous Diamond

### Corner Radius Tolerance

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

- SOLID TOOLS
- DRILLS
- END MILLS
- ROUTERS
- THREAD MILLS & TAPS
- ENGRAVERS
- BORING BARS
- REAMERS
- TECHNICAL

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 Brass	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlTiN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	★	★	☆	★	★	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221, L223

Symbol Descriptions Page L3