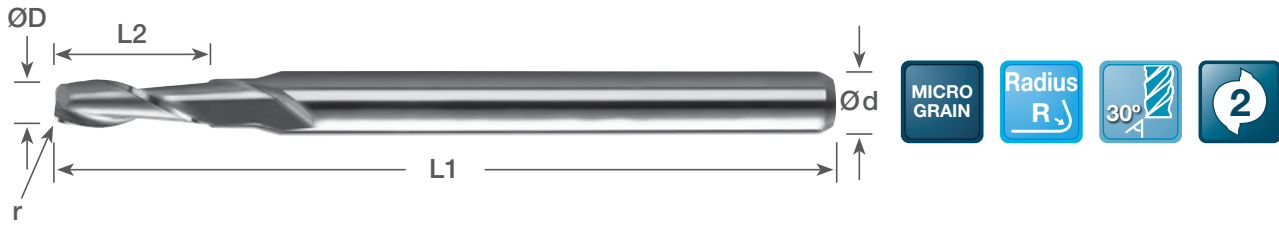


2 FLUTE

STANDARD LENGTH
XX-LARGE / XXX-LARGE CORNER RADIUS END MILLS

0.0938" - 0.5000" DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



XX-LARGE Corner Radius STANDARD Length (Inch Sizes)

Uncoated		AlTiN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	$\text{ØD}_{-0.0010}^{+0.0000}$	Ød	L1	L2	r
1617-0938.279CR	●	1617-0938L279CR	●	1617-0938D279CR	■	0.0938 (3/32)	1/8	1 1/2	0.279	0.030
1617-1250.500CR	●	1617-1250L500CR	●	1617-1250D500CR	■	0.1250 (1/8)	1/8	1 1/2	0.500	0.030
1617-1562.562CR	●	1617-1562L562CR	●	1617-1562D562CR	■	0.1562 (5/32)	3/16	2	0.562	0.030
1617-1875.625CR	●	1617-1875L625CR	●	1617-1875D625CR	■	0.1875 (3/16)	3/16	2	0.625	0.045
1617-2500.750CR	●	1617-2500L750CR	●	1617-2500D750CR	■	0.2500 (1/4)	1/4	2 1/2	0.750	0.045

*DLC is Amorphous Diamond

XXX-LARGE Corner Radius STANDARD Length (Inch Sizes)

Uncoated		AlTiN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	$\text{ØD}_{-0.0010}^{+0.0000}$	Ød	L1	L2	r
1618-1875.625CR	●	1618-1875L625CR	●	-	-	0.1875 (3/16)	3/16	2	0.625	0.060
1618-2500.750CR	●	1618-2500L750CR	●	1618-2500D750CR	■	0.2500 (1/4)	1/4	2 1/2	0.750	0.060
1618-3750.1000C	●	1618-3750L1000C	●	-	-	0.3750 (3/8)	3/8	2 1/2	1.000	0.060
1618-5000.1000C	●	1618-5000L1000C	●	-	-	0.5000 (1/2)	1/2	3	1.000	0.060

*DLC is Amorphous Diamond

Corner Radius Tolerance

Diameter (D)	0.0938"	0.1250" - 0.1875"	0.2500" - 0.5000"
+ / -	0.0015"	0.0020"	0.0030"

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

SERIES 1617 / 1618 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