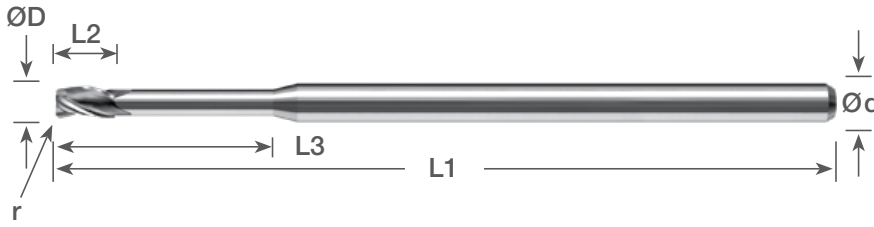


3 FLUTE

EXTENDED REACH
STANDARD CORNER RADIUS END MILLS

0.0312" - 0.2500" DIAMETER
Mirror Surface Finishes
Sub Micron Grain Carbide



STANDARD Corner Radius EXTENDED Reach (Inch Sizes)

Uncoated		TiN Coating		DLC* Coating		Dimensions (in)					
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD ^{+0.0000} _{-0.0010}	Ød	L1	L2	L3	r
1744-0312.156CR	●	1744-0312L156CR	●	1744-0312D156CR	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.156	0.010
1744-0312.250CR	●	1744-0312L250CR	●	1744-0312D250CR	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.250	0.010
1744-0312.375CR	●	1744-0312L375CR	●	1744-0312D375CR	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.375	0.010
1744-0469.250CR	●	1744-0469L250CR	●	1744-0469D250CR	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.250	0.010
1744-0469.375CR	●	1744-0469L375CR	●	1744-0469D375CR	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.375	0.010
1744-0469.570CR	●	1744-0469L570CR	●	1744-0469D570CR	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.570	0.010
1744-0625.312CR	●	1744-0625L312CR	●	1744-0625D312CR	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.312	0.010
1744-0625.500CR	●	1744-0625L500CR	●	1744-0625D500CR	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.500	0.010
1744-0625.750CR	●	1744-0625L750CR	●	1744-0625D750CR	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.750	0.010
1744-0781.406CR	●	1744-0781L406CR	●	1744-0781D406CR	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.406	0.010
1744-0781.625CR	●	1744-0781L625CR	●	1744-0781D625CR	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.625	0.010
1744-0781.940CR	●	1744-0781L940CR	●	1744-0781D940CR	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.940	0.010
1744-0938.500CR	●	1744-0938L500CR	●	1744-0938D500CR	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.500	0.010
1744-0938.750CR	●	1744-0938L750CR	●	1744-0938D750CR	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.750	0.010
1744-0938.1125C	●	1744-0938L1125C	●	1744-0938D1125C	■	0.0938 (3/32)	1/8	2 1/2	0.139	1.125	0.010
1744-1250.625CR	●	1744-1250L625CR	●	1744-1250D625CR	■	0.1250 (1/8)	1/8	2 1/2	0.187	0.625	0.015
1744-1250.1000C	●	1744-1250L1000C	●	1744-1250D1000C	■	0.1250 (1/8)	1/8	2 1/2	0.187	1.000	0.015
1744-1250.1500C	●	1744-1250L1500C	●	1744-1250D1500C	■	0.1250 (1/8)	1/8	3	0.187	1.500	0.015
1744-1562.750CR	●	1744-1562L750CR	●	1744-1562D750CR	■	0.1562 (5/32)	3/16	3	0.234	0.750	0.015
1744-1562.1250C	●	1744-1562L1250C	●	1744-1562D1250C	■	0.1562 (5/32)	3/16	3	0.234	1.250	0.015
1744-1875.1000C	●	1744-1875L1000C	●	1744-1875D1000C	■	0.1875 (3/16)	3/16	3	0.281	1.000	0.030
1744-1875.1500C	●	1744-1875L1500C	●	1744-1875D1500C	■	0.1875 (3/16)	3/16	3	0.281	1.500	0.030
1744-1875.2250C	●	1744-1875L2250C	●	1744-1875D2250C	■	0.1875 (3/16)	3/16	4	0.281	2.250	0.030
1744-2500.1250C	●	1744-2500L1250C	●	1744-2500D1250C	■	0.2500 (1/4)	1/4	4	0.375	1.250	0.030
1744-2500.2000C	●	1744-2500L2000C	●	1744-2500D2000C	■	0.2500 (1/4)	1/4	4	0.375	2.000	0.030
1744-2500.3000C	●	1744-2500L3000C	●	1744-2500D3000C	■	0.2500 (1/4)	1/4	6	0.375	3.000	0.030

Neck Diameter = 0.95 X Cutting Diameter

Corner Radius Tolerance

*DLC is Amorphous Diamond

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 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 Thermcoat Plastic	S High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
ATIN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	★	★	☆	★	★	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221, L223

Symbol Descriptions Page L3

● : U.S. Stock Standard
■ : NOT STOCKED - Call for Delivery

(U.S.) 1.888.848.8449
(International) 001.714.428.3636
Visit us online at KyoceraPrecisionTools.com

INSERT GRADES **A**
TURNING INSERTS **B**
GEN/PCD INSERTS **C**
TURNING HOLDERS **D**
SMALL TOOLS **E**
BORING **F**
GROOVING **G**
CUT-OFF **H**
THREADING **J**
DRILLING **K**
SOLID TOOLS **L**
MILLING **M**
HSK TOOLING **N**
SPARE PARTS **P**
TECHNICAL **R**
INDEX **T**