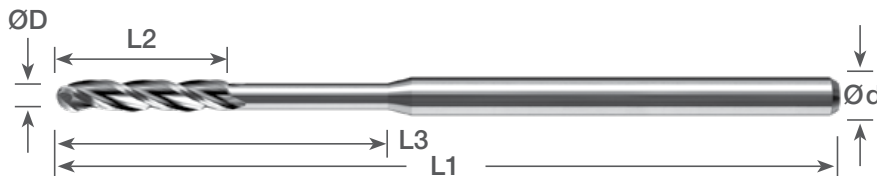


# 3 FLUTE

EXTENDED REACH BALL NOSE END MILLS

0.0100" - 0.1000" DIAMETER

Mirror Surface Finishes  
Sub Micron Grain Carbide



## EXTENDED Reach (Inch Sizes)

Uncoated		AITIN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD <sup>+0.0000</sup> <sub>-0.0010</sub>	Ød	L1	L2	L3
1745-0100.100	●	1745-0100L100	●	1745-0100D100	■	0.0100	1/8	2 1/2	0.050	0.100
1745-0150.150	●	1745-0150L150	●	1745-0150D150	■	0.0150	1/8	2 1/2	0.075	0.150
1745-0156.150	●	1745-0156L150	●	1745-0156D150	■	0.0156 (1/64)	1/8	2 1/2	0.075	0.150
1745-0200.200	●	1745-0200L200	●	1745-0200D200	■	0.0200	1/8	2 1/2	0.100	0.200
1745-0250.250	●	1745-0250L250	●	1745-0250D250	■	0.0250	1/8	2 1/2	0.125	0.250
1745-0300.300	●	1745-0300L300	●	1745-0300D300	■	0.0300	1/8	2 1/2	0.150	0.300
1745-0312.310	●	1745-0312L310	●	1745-0312D310	■	0.0312 (1/32)	1/8	2 1/2	0.155	0.310
1745-0350.350	●	1745-0350L350	●	1745-0350D350	■	0.0350	1/8	2 1/2	0.175	0.350
1745-0400.400	●	1745-0400L400	●	1745-0400D400	■	0.0400	1/8	2 1/2	0.200	0.400
1745-0450.450	●	1745-0450L450	●	1745-0450D450	■	0.0450	1/8	2 1/2	0.225	0.450
1745-0469.500	●	1745-0469L500	●	1745-0469D500	■	0.0469 (3/64)	1/8	2 1/2	0.250	0.500
1745-0500.600	●	1745-0500L600	●	1745-0500D600	■	0.0500	1/8	2 1/2	0.300	0.600
1745-0550.770	●	1745-0550L770	●	1745-0550D770	■	0.0550	1/8	2 1/2	0.385	0.770
1745-0600.1000	●	1745-0600L1000	●	1745-0600D1000	■	0.0600	1/8	2 1/2	0.500	1.000
1745-0625.1000	●	1745-0625L1000	●	1745-0625D1000	■	0.0625 (1/16)	1/8	2 1/2	0.500	1.000
1745-0650.1000	●	1745-0650L1000	●	1745-0650D1000	■	0.0650	1/8	2 1/2	0.500	1.000
1745-0700.1000	●	1745-0700L1000	●	1745-0700D1000	■	0.0700	1/8	2 1/2	0.500	1.000
1745-0750.1000	●	1745-0750L1000	●	1745-0750D1000	■	0.0750	1/8	2 1/2	0.500	1.000
1745-0781.1000	●	1745-0781L1000	●	1745-0781D1000	■	0.0781 (5/64)	1/8	2 1/2	0.500	1.000
1745-0800.1250	●	1745-0800L1250	●	1745-0800D1250	■	0.0800	1/8	2 1/2	0.750	1.250
1745-0850.1250	●	1745-0850L1250	●	1745-0850D1250	■	0.0850	1/8	2 1/2	0.750	1.250
1745-0900.1250	●	1745-0900L1250	●	1745-0900D1250	■	0.0900	1/8	2 1/2	0.750	1.250
1745-0938.1250	●	1745-0938L1250	●	1745-0938D1250	■	0.0938 (3/32)	1/8	2 1/2	0.750	1.250
1745-0950.1250	●	1745-0950L1250	●	1745-0950D1250	■	0.0950	1/8	2 1/2	0.750	1.250
1745-1000.1250	●	1745-1000L1250	●	1745-1000D1250	■	0.1000	1/8	2 1/2	0.750	1.250

Neck Diameter = 0.95 X Cutting Diameter

\*DLC is Amorphous Diamond

Coating	SERIES 1745 WORKPIECE MATERIAL															
	P	P	H	H	M	K	N	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	Brass	CFRP	Plastic	Thermocast Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AITIN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	☆	★	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221

Symbol Descriptions Page L3

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

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