

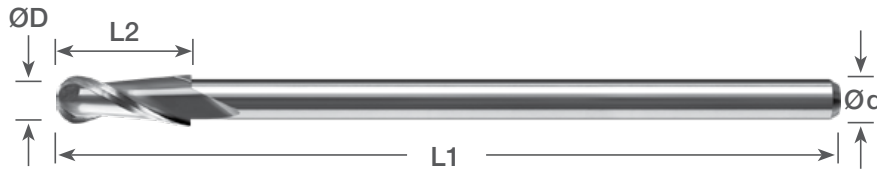
2 FLUTE

REVERSE SHANK BALL NOSE END MILLS

0.1563" - 0.7500" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



REVERSE Shank (Inch Sizes)

Uncoated		AITIN Coating		Dimensions (in)			
Part Number	Stock	Part Number	Stock	ØD ^{+0.0000} _{-0.0010}	Ød	L1	L2
1685-1563.234A	●	1685-1563L234A	●	0.1563 (5/32)	1/8	2 1/2	0.234
1685-1875.281A	●	1685-1875L281A	●	0.1875 (3/16)	1/8	2 1/2	0.281
1685-1875.281B	●	1685-1875L281B	●	0.1875 (3/16)	5/32	2 1/2	0.281
1685-2500.375A	●	1685-2500L375A	●	0.2500 (1/4)	3/16	3	0.375
1685-3125.469A	●	1685-3125L469A	●	0.3125 (5/16)	1/4	4	0.469
1685-3750.563A	●	1685-3750L563A	●	0.3750 (3/8)	5/16	4	0.563
1685-4375.656A	●	1685-4375L656A	●	0.4375 (7/16)	3/8	6	0.656
1685-5000.750A	●	1685-5000L750A	●	0.5000 (1/2)	7/16	6	0.750
1685-6250.944A	●	1685-6250L944A	●	0.6250 (5/8)	1/2	6	0.944
1685-7500.1125A	●	1685-7500L1125A	●	0.7500 (3/4)	5/8	6	1.125

- 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**

SERIES 1685 WORKPIECE MATERIAL																
Coating	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	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AITIN	★	★	★	☆	☆	☆									☆	☆
Uncoated							☆	☆	★	★	☆	★	★	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions [Page L223](#)

Symbol Descriptions [Page L3](#)

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

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