

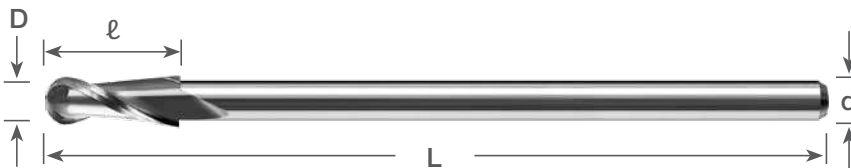
2 FLUTE NEW

REVERSE SHANK BALL NOSE END MILLS

0.1563" - 0.7500" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



Symbol Descriptions [Page 7](#)

REVERSE Shank (Inch Sizes)

Dimensions (in)				Uncoated		AlTiN Coating	
D ^{+0.000} / _{-0.001}	d	ℓ	L	Part Number	Stock	Part Number	Stock
0.1563 (5/32)	1/8	0.234	2 1/2	1685-1563.234A	●	1685-1563L234A	●
0.1875 (3/16)	1/8	0.281	2 1/2	1685-1875.281A	●	1685-1875L281A	●
0.1875 (3/16)	5/32	0.281	2 1/2	1685-1875.281B	●	1685-1875L281B	●
0.2500 (1/4)	3/16	0.375	3	1685-2500.375A	●	1685-2500L375A	●
0.3125 (5/16)	1/4	0.469	4	1685-3125.469A	●	1685-3125L469A	●
0.3750 (3/8)	5/16	0.563	4	1685-3750.563A	●	1685-3750L563A	●
0.4375 (7/16)	3/8	0.656	6	1685-4375.656A	●	1685-4375L656A	●
0.5000 (1/2)	7/16	0.750	6	1685-5000.750A	●	1685-5000L750A	●
0.6250 (5/8)	1/2	0.944	6	1685-6250.944A	●	1685-6250L944A	●
0.7500 (3/4)	5/8	1.125	6	1685-7500.1125A	●	1685-7500L1125A	●

SERIES 1685 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 CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlTiN	★	★	★	☆	☆	☆	☆	☆	★	☆	★	★	☆	☆	☆
Uncoated							☆	☆	★	☆	★	★	☆		☆

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

- : U.S. Stock Standard
- : NOT STOCKED - Call for Delivery
- ▲ : Coming Soon

DRILLS
 END MILLS
 ROUTERS
 THREAD MILLS & TAPS
 ENGRAVERS
 BORING BARS
 REAMERS
 SAWS
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