

**A**

# MINIATURE HIGH SPEED STEEL & COBALT Ball Ends

Taper Per Side	Tool No.	Ball Dia.	Flt. Lgth	Shk Dia.	OAL	Large Dia.	Flute	Taper Per Side	Tool No.	Ball Dia.	Flt. Lgth	Shk Dia.	OAL	Large Dia.	Flute		
<b>1/2 DEG</b>	BM0-002	1/16	1/2	3/16	1 3/4	0.07123	3 Flute	<b>1 1/2 DEG</b>	BM15-003	1/16	3/4	3/16	2	0.10177	3 Flute		
	BM0-003	1/16	3/4	3/16	2	0.07559	3 Flute		BM15-104	3/32	1	3/16	2 1/4	0.14611	3 Flute		
	BM0-004	1/16	1	3/16	2 1/4	0.07995	3 Flute		BM15-105	3/32	1 1/4	3/16	2 1/2	0.15920	3 Flute		
	BM0-052	5/64	1/2	3/16	1 3/4	0.08685	3 Flute		BM15-154	7/64	1	3/16	2 1/4	0.16174	3 Flute		
	BM0-054	5/64	1	3/16	2 1/4	0.09558	3 Flute		BM15-203	1/8	3/4	3/16	2	0.16427	3 Flute		
	BM0-103	3/32	3/4	3/16	2	0.10684	3 Flute		BM15-204	1/8	1	3/16	2 1/4	0.17736	3 Flute		
	BM0-105	3/32	1 1/4	3/16	2 1/2	0.11556	3 Flute		<b>2 DEG</b>	BM2-002	1/16	1/2	3/16	1 3/4	0.09742	3 Flute	
	BM0-106	3/32	1 1/2	3/16	2 11/16	0.11993	3 Flute			BM2-004	1/16	1	3/16	2 1/4	0.13234	3 Flute	
	BM0-201	1/8	1/4	3/16	1 1/2	0.12936	3 Flute			BM2-052	5/64	1/2	3/16	1 3/4	0.11305	3 Flute	
	BM0-2015	1/8	3/8	3/16	1 5/8	0.13154	3 Flute			BM2-054	5/64	1	3/16	2 1/4	0.14797	3 Flute	
	BM0-203	1/8	3/4	3/16	2	0.13809	3 Flute			BM2-056	5/64	1 1/2	3/16	2 11/16	0.18289	3 Flute	
	BM0-204	1/8	1	3/16	2 1/4	0.14245	3 Flute			BM2-103	3/32	3/4	3/16	2	0.14613	3 Flute	
	<b>1 DEG</b>	BM1-002	1/16	1/2	3/16	1 3/4	0.07995			3 Flute	BM2-105	3/32	1 1/4	3/16	2 1/2	0.18105	3 Flute
		BM1-003	1/16	3/4	3/16	2	0.08868			3 Flute	BM2-203	1/8	3/4	3/16	2	0.17738	3 Flute
		BM1-004	1/16	1	3/16	2 1/4	0.09740			3 Flute							
		BM1-052	5/64	1/2	3/16	1 3/4	0.09558			3 Flute							
BM1-054		5/64	1	3/16	2 1/4	0.11303	3 Flute										
BM1-103		3/32	3/4	3/16	2	0.11993	3 Flute										
BM1-105		3/32	1 1/4	3/16	2 1/2	0.13738	3 Flute										
BM1-106		3/32	1 1/2	3/16	2 11/16	0.14610	3 Flute										
BM1-201		1/8	1/4	3/16	1 1/2	0.13373	3 Flute										
BM1-2015		1/8	3/8	3/16	1 5/8	0.13809	3 Flute										
BM1-203	1/8	3/4	3/16	2	0.15118	3 Flute											
BM1-204	1/8	1	3/16	2 1/4	0.15990	3 Flute											

TO ORDER COBALT OR COATINGS,  
Add a suffix to the part number given above.  
for TIN Coated, add the suffix "TIN"  
for Cobalt, add the suffix "CO"  
for Cobalt TIN Coated, add the suffix "CO-TIN"  
If no suffix is given High Speed Steel will ship.

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