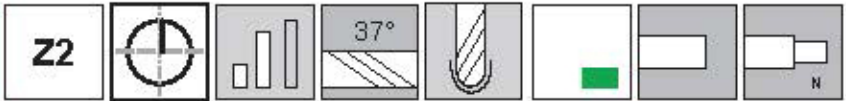
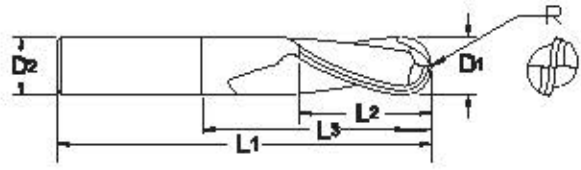


2
Flute
Ball

**TuffCut® AL
Series 135BN**



The geometry of M.A. Ford® 135 Series solid carbide end mill allows it to be run at extremely high chip loads surpassing the current market leaders.



- Performs equally well across a broad range of operating speeds.

Uncoated		Diameter			Shank		DAL		Flute Length		Neck Length	
		D1			D2 (h6)		L1		L2		L3	
Tool No.	EDP	Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm
135B0787N5	13252		2.0	.0787		6.0		75.0		4.0		12.0
135B1181N3	13236		3.0	.1181		3.0		38.0		5.0		11.0
135B1181N5	13254		3.0	.1181		6.0		75.0		5.0		17.0
135B1575N3	13238		4.0	.1575		4.0		51.0		6.0		14.0
135B1575N5	13256		4.0	.1575		6.0		75.0		6.0		22.0
135B1968N3	13240		5.0	.1968		5.0		64.0		7.0		17.0
135B1968N5	13258		5.0	.1968		6.0		75.0		7.0		27.0
135B2362N3	13242		6.0	.2362		6.0		64.0		8.0		20.0
135B2362N5	13260		6.0	.2362		6.0		110.0		8.0		32.0
135B25001N	13482	1/4		.2500	1/4		4		3/4		2-1/8	
135B31251N	13484	5/16		.3125	5/16		4		13/16		2-1/8	
135B3150N3	13244		8.0	.3150		8.0		64.0		10.0		26.0
135B3150N5	13262		8.0	.3150		8.0		110.0		10.0		42.0
135B37501N	13486	3/8		.3750	3/8		4		1		2-1/8	
135B3937N3	13246		10.0	.3937		10.0		70.0		12.0		32.0
135B3937N5	13264		10.0	.3937		10.0		110.0		12.0		52.0
135B4724N3	13248		12.0	.4724		12.0		76.0		16.0		38.0
135B4724N5	13266		12.0	.4724		12.0		120.0		16.0		62.0
135B50001N	13488	1/2		.5000	1/2		4		1-1/4		2-1/8	
135B62501N	13490	5/8		.6250	5/8		6		1-5/8		3-3/8	
135B6299N3	13250		16.0	.6299		16.0		89.0		20.0		50.0
135B6299N5	13268		16.0	.6299		16.0		130.0		20.0		82.0
135B75001N	13492	3/4		.7500	3/4		6		1-5/8		3-3/8	
135B10000N	13494	1		1.0000	1		6		1-1/2		3-1/4	



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Inch	
D1	Tolerance
1/4	+0.000/-0.002
> 1/4 - 1	+0.000/-0.003

Metric (mm)	
D1	Tolerance (h 10)
2.00 - 3.00	+0.000/-0.040
>3.00 - 6.00	+0.000/-0.048
>6.00 - 10.00	+0.000/-0.058
>10.00 - 16.00	+0.000/-0.070

Inch	
R	Tolerance
1/4 - 1	+0.0004/-0.0004

Metric (mm)	
R	Tolerance
2.0 - 16.0	+0.01/-0.01