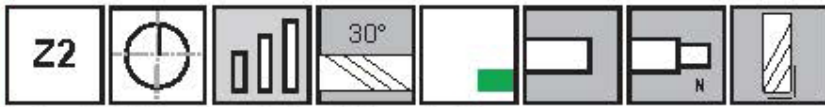
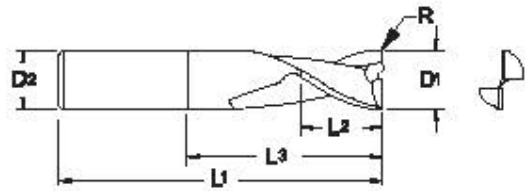


TuffCut® AL Series 135N



2
Flute

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.



Uncoated Necked		Diameter			Shank		OAL		Flute Length		Neck Length		Corner Radius	
Tool No.	EDP	D1			D2 (h6)		L1		L2		L3		R	
		Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
13511800N3	96620		3.0	.1181		3.0		38		3.5		11		
13511810N	13524		3.0	.1181		3.0		38		3.5		11		0.20
13511801N3	96621		3.0	.1181		3.0		38		3.5		11		0.50
13511803N3	96622		3.0	.1181		3.0		38		3.5		11		1.00
13511800N5	96623		3.0	.1181		3.0		38		3.5		16		
13511801N5	96624		3.0	.1181		3.0		38		3.5		16		0.50
13511803N5	96625		3.0	.1181		3.0		38		3.5		16		1.00
13515700N3	96626		4.0	.1575		4.0		51		4.8		14		
13515701N3	96627		4.0	.1575		4.0		51		4.8		14		0.50
13515703N3	96628		4.0	.1575		4.0		51		4.8		14		1.00
13515700N5	96629		4.0	.1575		4.0		51		4.8		22		
13515750N	13534		4.0	.1575		4.0		51		4.8		22		0.20
13515701N5	96630		4.0	.1575		4.0		51		4.8		22		0.50
13515703N5	96631		4.0	.1575		4.0		51		4.8		22		1.00
13518750N	13501	3/16		.1875	3/16		2		1/4		9/16		0.008	
13518751N	13518	3/16		.1875	3/16		3		1/4		1-9/16		0.008	
13519680N	13503		5.0	.1968		5.0		51		6.0		22		0.25
13519600N3	96632		5.0	.1968		6.0		64		6.0		17		
13519601N3	96633		5.0	.1968		6.0		64		6.0		17		0.50
13519603N3	96634		5.0	.1968		6.0		64		6.0		17		1.00
13519600N5	96635		5.0	.1968		6.0		64		6.0		27		
13519601N5	96636		5.0	.1968		6.0		64		6.0		27		0.50
13519603N5	96637		5.0	.1968		6.0		64		6.0		27		1.00
13523600N3	96638		6.0	.2362		6.0		64		7.0		20		
13523601N3	96639		6.0	.2362		6.0		64		7.0		20		0.50
13523603N3	96640		6.0	.2362		6.0		64		7.0		20		1.00
13523604N3	96641		6.0	.2362		6.0		64		7.0		20		1.50
13523605N3	96642		6.0	.2362		6.0		64		7.0		20		2.00
13523620N	13505		6.0	.2362		6.0		64		7.0		26		0.30
13523600N5	96643		6.0	.2362		6.0		64		7.0		32		

Inch	
D1	Tolerance
3/16 - 1/4	+ .000/- .002
> 1/4 - 1	+ .000/- .003

Metric (mm)	
D1	Tolerance (h10)
3.00	+ .000/- .040
>3.00 - 6.00	+ .000/- .048
>6.00 - 10.00	+ .000/- .058
>10.00 - 18.00	+ .000/- .070
>18.00 - 25.00	+ .000/- .084

Inch	
R	Tolerance
< 3/8	+ .002/- .002
≥ 3/8	+ .003/- .003

Metric (mm)	
R	Tolerance
< 10.0	+ .05/- .05
≥ 10.0	+ .075/- .075

