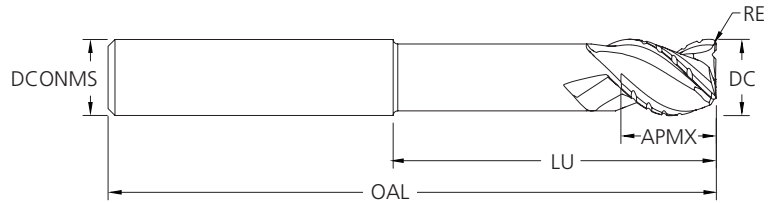
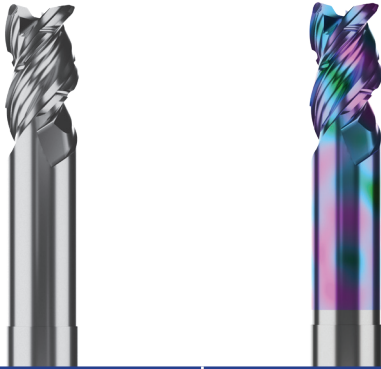


TuffCut® XR-AL Series 334N



Uncoated		Gem+		DC		DCONMS	OAL	APMX	LU	RE
Tool No.	EDP	Tool No.	EDP	Inch	Decimal	Inch	Inch	Inch	Inch	Inch
3343751N3R.020	33475	3343751N3R.020GP	33481	3/8	.3750	3/8	3	3/4	1-1/8	.020
3343750N5R.020	33476	3343750N5R.020GP	33482	3/8	.3750	3/8	3-1/2	1/2	1-7/8	.020
3345001N3R.030	33477	3345001N3R.030GP	33483	1/2	.5000	1/2	3-1/2	1	1-1/2	.030
3345000N4R.030	33457	3345000N4R.030GP	33428	1/2	.5000	1/2	4	5/8	2-1/8	.030
3345000N5R.030	33478	3345000N5R.030GP	33484	1/2	.5000	1/2	5	5/8	2-1/2	.030
33475001N3R.030	33479	33475001N3R.030GP	33485	3/4	.7500	3/4	5	1-1/2	2-1/4	.030
33475000N4R.030	33462	33475000N4R.030GP	33436	3/4	.7500	3/4	5	1	3	.030
33475000N5R.030	33480	33475000N5R.030GP	33486	3/4	.7500	3/4	6	1	3-3/4	.030

Inch	
DC	Tolerance
.2500 - 1.0000	+0/-.0005

Inch	
DCONMS	Tolerance (h6)
.2500 - .3937	+0/-.00035
.3938 - .7087	+0/-.00043
.7088 - 1.0000	+0/-.00051

Gem+ Coating (GP):

Recommended for aluminum and aluminum alloys up to 12% Si, non-ferrous metals and composites. Gem+ provides excellent wear resistance and maintains sharp cutting edges.

Gem+ Coating Properties			
Microhardness (HV)	Max. Service Temp.	Friction Coefficient	M.A.Ford® Tool Designation Number
4710	500° C / 932° F	0.10	GP