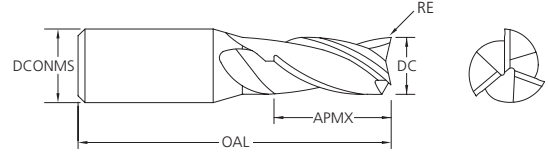
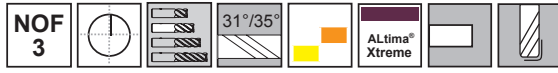


# TuffCut® Micro - Series 3MVR

Designed for high performance micro milling on any ferrous material, especially material used in medical and aerospace manufacturing.



- Variable helix.
- Regular length.
- Square end and corner radius options.
- ALtima® Xtreme coated.
- Common shanks.

ALtima® Xtreme		DC			DCONMS		OAL		APMX		RE	
Tool No.	EDP	Fraction	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm
3MVR0156AH	39001	1/64		.0156	1/8		1-1/2		0.047			
3MVR0156R.003AH	39067	1/64		.0156	1/8		1-1/2		0.047		.003	
3MVRM0050AH	39005		0.50	.0196		4		50		1.50		
3MVRM0050R.10AH	39071		0.50	.0196		4		50		1.50		.10
3MVR0312AH	39007	1/32		.0312	1/8		1-1/2		0.094			
3MVR0312R.005AH	39075	1/32		.0312	1/8		1-1/2		0.094		.005	
3MVR0312R.010AH	39079	1/32		.0312	1/8		1-1/2		0.094		.010	
3MVRM0100AH	39015		1.00	.0394		4		50		3.00		
3MVRM0100R.10AH	39083		1.00	.0394		4		50		3.00		.10
3MVRM0100R.20AH	39166		1.00	.0394		4		50		3.00		.20
3MVR0468AH	39019	3/64		.0468	1/8		1-1/2		0.140			
3MVR0468R.005AH	39087	3/64		.0468	1/8		1-1/2		0.140		.005	
3MVR0468R.010AH	39091	3/64		.0468	1/8		1-1/2		0.140		.010	
3MVRM0150AH	39024		1.50	.0591		4		50		4.50		
3MVRM0150R.20AH	39095		1.50	.0591		4		50		4.50		.20
3MVR0625AH	39026	1/16		.0625	1/8		1-1/2		0.188			
3MVR0625R.005AH	39099	1/16		.0625	1/8		1-1/2		0.188		.005	
3MVR0625R.010AH	39103	1/16		.0625	1/8		1-1/2		0.188		.010	
3MVR0625R.015AH	39107	1/16		.0625	1/8		1-1/2		0.188		.015	
3MVR0781AH	39034	5/64		.0781	1/8		1-1/2		0.234			
3MVR0781R.005AH	39111	5/64		.0781	1/8		1-1/2		0.234		.005	
3MVR0781R.010AH	39115	5/64		.0781	1/8		1-1/2		0.234		.010	
3MVR0781R.015AH	39119	5/64		.0781	1/8		1-1/2		0.234		.015	
3MVRM0200AH	39039		2.00	.0787		4		50		6.00		
3MVRM0200R.20AH	39123		2.00	.0787		4		50		6.00		.20
3MVR0938AH	39043	3/32		.0938	1/8		1-1/2		.281			
3MVR0938R.005AH	39127	3/32		.0938	1/8		1-1/2		.281		.005	
3MVR0938R.010AH	39131	3/32		.0938	1/8		1-1/2		.281		.010	

Inch	
DC	Tolerance
.0156 - .1250	+0/- .0008

Inch	
DCONMS	Tolerance (h6)
.1250	+0/- .00031

Metric (mm)	
DC	Tolerance
0.5 - 3.0	+0/- .020

Metric (mm)	
DCONMS	Tolerance (h6)
4.0	+0/- .008



Altima® Xtreme		DC			DCONMS		OAL		APMX		RE	
Tool No.	EDP	Fraction	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm
3MVR0938R.015AH	39135	3/32		.0938	1/8		1-1/2		.281		.015	
3MVR0938R.020AH	39139	3/32		.0938	1/8		1-1/2		.281		.020	
3MVRM0250AH	39051		2.50	.0984		4		50		7.50		
3MVR1094AH	39053	7/64		.1094	1/8		1-1/2		0.328			
3MVRM0300AH	39057		3.00	.1181		4		50		9.00		
3MVRM0300R.20AH	39143		3.00	.1181		4		50		9.00		.20
3MVR1250AH	39061	1/8		.1250	1/8		1-1/2		0.375			
3MVR1250R.005AH	39147	1/8		.1250	1/8		1-1/2		0.375		.005	
3MVR1250R.010AH	39151	1/8		.1250	1/8		1-1/2		0.375		.010	
3MVR1250R.015AH	39155	1/8		.1250	1/8		1-1/2		0.375		.015	
3MVR1250R.020AH	39159	1/8		.1250	1/8		1-1/2		0.375		.020	



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