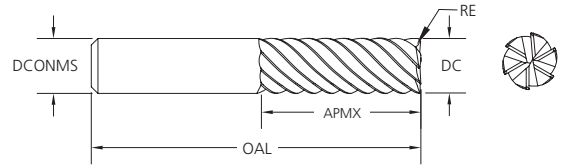
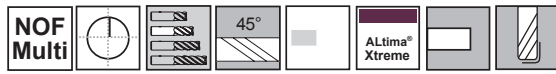


TuffCut DM® - Series 157

Multi-Flute designed for hardened materials Rc 50-65. Available as a Square End and in 7 standard corner radii. Coated with ALtima® Xtreme for materials Rc 52 and above.



ALtima® Xtreme		DC			DCONMS		OAL		APMX		RE		NOF
Tool No.	EDP	Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
15711810A	15700		3	.1181		6		75		10			4
15711811A	15701		3	.1181		6		75		10		0.50	4
15712500A	15702	1/8		.1250	1/4		3		3/8				4
15712501A	15703	1/8		.1250	1/4		3		3/8		0.015		4
15712502A	15704	1/8		.1250	1/4		3		3/8		0.020		4
15715620A	15705	5/32		.1562	1/4		3		15/32				4
15715621A	15706	5/32		.1562	1/4		3		15/32		0.015		4
15715622A	15707	5/32		.1562	1/4		3		15/32		0.020		4
15715750A	15708		4	.1575		6		75		12			4
15715751A	15709		4	.1575		6		75		12		0.50	4
15715752A	15710		4	.1575		6		75		12		0.75	4
15718750A	15711	3/16		.1875	1/4		3		9/16				4
15718751A	15712	3/16		.1875	1/4		3		9/16		0.015		4
15718752A	15713	3/16		.1875	1/4		3		9/16		0.020		4
15718753A	15714	3/16		.1875	1/4		3		9/16		0.030		4
15719680A	15715		5	.1968		6		90		15			4
15719681A	15716		5	.1968		6		90		15		0.50	4
15719682A	15717		5	.1968		6		90		15		0.75	4
15719683A	15718		5	.1968		6		90		15		1.00	4
15723620A	15719		6	.2362		6		90		15			6
15723621A	15720		6	.2362		6		90		15		0.50	6
15723622A	15721		6	.2362		6		90		15		0.75	6
15723623A	15722		6	.2362		6		90		15		1.00	6
15725000A	15723	1/4		.2500	1/4		3-1/2		5/8				6
15725001A	15724	1/4		.2500	1/4		3-1/2		5/8		0.015		6
15725002A	15725	1/4		.2500	1/4		3-1/2		5/8		0.020		6
15725003A	15726	1/4		.2500	1/4		3-1/2		5/8		0.030		6
15725004A	15727	1/4		.2500	1/4		3-1/2		5/8		0.045		6

Inch	
DC	Tolerance
1/8 - 3/16	-.0006/- .0015
1/4 - 5/8	-.0008/- .0019

Inch	
DCONMS	Tolerance
1/8 - 5/8	-.0001/- .0003

Metric (mm)	
DC	Tolerance
3.0	-.005/- .028
4.0 - 6.0	-.015/- .038
8.0 - 16.0	-.020/- .048
20.0 - 25.0	-.020/- .053

Metric (mm)	
DCONMS	Tolerance
3.0 - 25.0	-.0025/- .0076

Inch	
RE	Tolerance
1/8 - 5/8	+.0012/- .0012

Metric (mm)	
RE	Tolerance
3.0 - 25.0	+.03/- .03



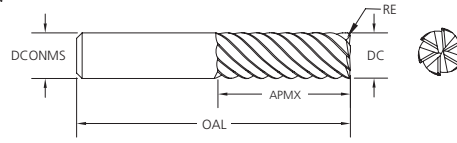
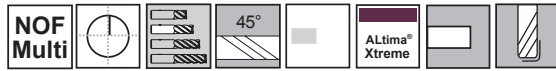
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ALtima® Xtreme		DC			DCONMS		OAL		APMX		RE		NOF
Tool No.	EDP	Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
15731250A	15728	5/16		.3125	5/16		4		3/4				6
15731251A	15729	5/16		.3125	5/16		4		3/4		0.015		6
15731252A	15730	5/16		.3125	5/16		4		3/4		0.020		6
15731253A	15731	5/16		.3125	5/16		4		3/4		0.030		6
15731254A	15732	5/16		.3125	5/16		4		3/4		0.045		6
15731500A	15733		8	.3150		8		102		20			6
15731501A	15734		8	.3150		8		102		20		0.50	6
15731502A	15735		8	.3150		8		102		20		0.75	6
15731503A	15736		8	.3150		8		102		20		1.00	6
15731504A	15737		8	.3150		8		102		20		1.50	6
15731505A	15810		8	.3150		8		102		20		2.00	6
15737500A	15738	3/8		.3750	3/8		4		1				6
15737501A	15739	3/8		.3750	3/8		4		1		0.015		6
15737502A	15740	3/8		.3750	3/8		4		1		0.020		6
15737503A	15741	3/8		.3750	3/8		4		1		0.030		6
15737504A	15742	3/8		.3750	3/8		4		1		0.045		6
15739370A	15743		10	.3937		10		102		25			6
15739371A	15744		10	.3937		10		102		25		0.50	6
15739372A	15745		10	.3937		10		102		25		0.75	6
15739373A	15746		10	.3937		10		102		25		1.00	6
15739374A	15747		10	.3937		10		102		25		1.50	6
15739375A	15812		10	.3937		10		102		25		2.00	6
15747240A	15748		12	.4724		12		102		30			6
15747241A	15749		12	.4724		12		102		30		0.50	6
15747242A	15750		12	.4724		12		102		30		0.75	6
15747243A	15751		12	.4724		12		102		30		1.00	6
15747244A	15752		12	.4724		12		102		30		1.50	6
15747245A	15753		12	.4724		12		102		30		2.00	6
15747247A	15814		12	.4724		12		102		30		3.00	6
15750000A	15754	1/2		.5000	1/2		4		1-1/4				6
15750001A	15755	1/2		.5000	1/2		4		1-1/4		0.015		6
15750002A	15756	1/2		.5000	1/2		4		1-1/4		0.020		6
15750003A	15757	1/2		.5000	1/2		4		1-1/4		0.030		6
15750004A	15758	1/2		.5000	1/2		4		1-1/4		0.045		6
15750005A	15759	1/2		.5000	1/2		4		1-1/4		0.060		6
15762500A	15760	5/8		.6250	5/8		6		1-9/16				6
15762501A	15761	5/8		.6250	5/8		6		1-9/16		0.015		6
15762502A	15762	5/8		.6250	5/8		6		1-9/16		0.020		6
15762503A	15763	5/8		.6250	5/8		6		1-9/16		0.030		6

TuffCut® End Mills
Series 157



TuffCut DM® - Series 157 *Continued*



ALtima® Xtreme		DC			DCONMS		OAL		APMX		RE		NOF
Tool No.	EDP	Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
15762504A	15764	5/8		.6250	5/8		6		1-9/16		0.045		6
15762505A	15765	5/8		.6250	5/8		6		1-9/16		0.060		6
15762506A	15766	5/8		.6250	5/8		6		1-9/16		0.090		6
15762990A	15767		16	.6299		16		152		40			6
15762991A	15768		16	.6299		16		152		40		0.50	6
15762992A	15769		16	.6299		16		152		40		0.75	6
15762993A	15770		16	.6299		16		152		40		1.00	6
15762994A	15771		16	.6299		16		152		40		1.50	6
15762995A	15772		16	.6299		16		152		40		2.00	6
15762996A	15773		16	.6299		16		152		40		2.50	6
15762997A	15774		16	.6299		16		152		40		3.00	6
15778740A	15783		20	.7874		20		152		45			8
15778741A	15784		20	.7874		20		152		45		0.50	8
15778742A	15785		20	.7874		20		152		45		0.75	8
15778743A	15786		20	.7874		20		152		45		1.00	8
15778744A	15787		20	.7874		20		152		45		1.50	8
15778745A	15788		20	.7874		20		152		45		2.00	8
15778746A	15789		20	.7874		20		152		45		2.50	8
15778747A	15790		20	.7874		20		152		45		3.00	8
15798430A	15791		25	.9843		25		152		50			10
15798431A	15792		25	.9843		25		152		50		0.50	10
15798432A	15793		25	.9843		25		152		50		0.75	10
15798433A	15794		25	.9843		25		152		50		1.00	10
15798434A	15795		25	.9843		25		152		50		1.50	10
15798435A	15796		25	.9843		25		152		50		2.00	10
15798436A	15797		25	.9843		25		152		50		2.50	10
15798437A	15798		25	.9843		25		152		50		3.00	10

TuffCut® End Mills
Series 157
