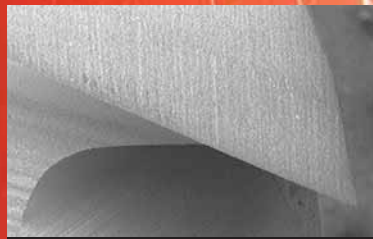


ThunderBolt



REAL CRYSTALLINE DIAMOND

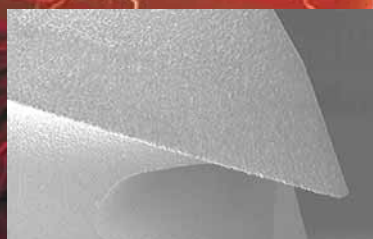
ULTRA THIN NANO DIAMOND



Standard uncoated carbide tool



ThunderBolt coated carbide tool



Standard diamond coated carbide tool



Real Crystalline Diamond Coating

The Thickness of PVD!

The new ThunderBolt Ultra Thin Nano Diamond Tools have a real diamond coating that is the thickness of most PVD coatings. You can now use real diamond where once you thought you could only afford the imitations. The performance of real diamond, along with the edge sharpness of a thin coating, gives unheard of performance in the finishing of graphite. It is also the perfect tool for those short run jobs requiring a diamond tool.



Diameter	Fractional	Metric	LOC	Reach	OAL	Shank Diameter	Flute Number	Style	Cutting DIA Tolerance +0.XXXX/-0.XXXX	Part Number
0.0625	1/16		1/16	5/16	3	1/16	4	BN	+ .001/- .001	P47-100001-1
0.0625	1/16		1/16	5/16	3	1/16	4	SE	+ .001/- .001	P47-100006-1
0.0935	3/32		3/32	11/32	3	3/32	4	BN	+ .001/- .001	P47-100002-1
0.0935	3/32		3/32	11/32	3	3/32	4	SE	+ .001/- .001	P47-100007-1
0.1250	1/8		1/8	5/8	3	1/8	4	BN	+ .001/- .001	P47-100003-1
0.1250	1/8		1/8	5/8	3	1/8	4	SE	+ .001/- .001	P47-100008-1
0.1250	1/8		1/8	5/8	3	1/8	4	SE, .015CR	+ .001/- .001	P47-100009-1
0.1250	1/8		1/8	5/8	3	1/8	4	SE, .031CR	+ .001/- .001	P47-100010-1
0.1875	3/16		3/16	11/16	3	3/16	4	BN	+ .001/- .001	P47-100004-1
0.1875	3/16		3/16	11/16	3	3/16	4	SE	+ .001/- .001	P47-100011-1
0.1875	3/16		3/16	11/16	3	3/16	4	SE, .062CR	+ .001/- .001	P47-100012-1
0.2500	1/4		1/4	3/4	3	1/4	4	BN	+ .001/- .001	P47-100005-1
0.2500	1/4		1/4	3/4	3	1/4	4	SE	+ .001/- .001	P47-100013-1
0.2500	1/4		1/4	3/4	3	1/4	4	SE, .015CR	+ .001/- .001	P47-100014-1
0.2500	1/4		1/4	3/4	3	1/4	4	SE, .031CR	+ .001/- .001	P47-100015-1
0.2500	1/4		1/4	3/4	3	1/4	4	SE, .062CR	+ .001/- .001	P47-100016-1
0.0313	1/32		3/32		1-1/2	1/8	4	SE	+ .001/- .001	P47-100017-1
0.0313	1/32		3/32		1-1/2	1/8	4	BN	+ .001/- .001	P47-100018-1
0.0625	1/16		1/4	*	1-1/2	1/8	4	SE	+ .001/- .001	P47-100019-1
0.0625	1/16		1/4	*	1-1/2	1/8	4	BN	+ .001/- .001	P47-100020-1
0.0935	3/32		3/8	*	1-1/2	1/8	4	SE	+ .001/- .001	P47-100021-1
0.0935	3/32		3/8	*	1-1/2	1/8	4	BN	+ .001/- .001	P47-100022-1
0.1250	1/8		1/2	*	1-1/2	1/8	4	SE	+ .001/- .001	P47-100023-1
0.1250	1/8		1/2	*	1-1/2	1/8	4	BN	+ .001/- .001	P47-100024-1
0.1875	3/16		5/8	*	2	3/16	4	SE	+ .001/- .001	P47-100025-1
0.1875	3/16		5/8	*	2	3/16	4	BN	+ .001/- .001	P47-100026-1
0.2500	1/4		3/4	*	2-1/2	1/4	4	SE	+ .001/- .001	P47-100027-1
0.2500	1/4		3/4	*	2-1/2	1/4	4	BN	+ .001/- .001	P47-100028-1

*Tools coated 1X Diameter