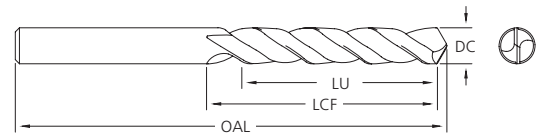
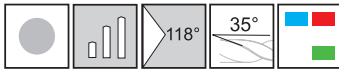


# Twister® GP - Series 300

Designed for drilling soft metals as well as glass reinforced circuit boards, phenolic-epoxies and other abrasive, but easily machined materials.



- Sizes from .0135 to .250.
- Over 150 sizes available.
- Useable length (LU) = LCF - (1.5 x DC).

Uncoated		DC				OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm
30001350	30001		80		.0135	1-1/2		1/4	
30001450	30005		79		.0145	1-1/2		1/4	
30001560	30009	1/64			.0156	1-1/2		1/4	
30001600	30013		78		.0160	1-1/2		1/4	
30001800	30017		77		.0180	1-1/2		1/4	
30001970	30021			0.50	.0197		38		9.5
30002000	30025		76		.0200	1-1/2		3/8	
30002100	30029		75		.0210	1-1/2		3/8	
30002170	30033			0.55	.0217		38		9.5
30002250	30037		74		.0225	1-1/2		3/8	
30002360	30041			0.60	.0236		38		9.5
30002400	30045		73		.0240	1-1/2		3/8	
30002500	30049		72		.0250	1-1/2		1/2	
30002560	30053			0.65	.0256		38		12.5
30002600	30057		71		.0260	1-1/2		1/2	
30002760	30061			0.70	.0276		38		12.5
30002800	30065		70		.0280	1-1/2		1/2	
30002920	30069		69		.0292	1-1/2		1/2	
30002950	30073			0.75	.0295		38		12.5
30003100	30077		68		.0310	1-1/2		1/2	
30003120	30081	1/32			.0312	1-1/2		1/2	
30003150	30085			0.80	.0315		38		12.5
30003200	30089		67		.0320	1-1/2		1/2	
30003300	30093		66		.0330	1-1/2		1/2	
30003350	30097			0.85	.0335		38		12.5
30003500	30101		65		.0350	1-1/2		5/8	
30003540	30105			0.90	.0354		38		16.0
30003600	30109		64		.0360	1-1/2		5/8	

Inch	
DC	Tolerance
.0135 - .2500	+ .0000/- .0005

Metric (mm)	
DC	Tolerance
0.50 - 3.15	+ .000/- .013

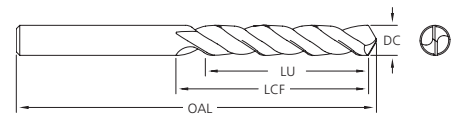
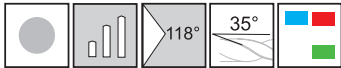


Uncoated		DC				OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm
30003700	30113		63		.0370	1-1/2		5/8	
30003740	30117			0.95	.0374		38		16.0
30003800	30121		62		.0380	1-1/2		5/8	
30003900	30125		61		.0390	1-1/2		5/8	
30003940	30129			1.00	.0394		38		16.0
30004000	30133		60		.0400	1-1/2		5/8	
30004100	30137		59		.0410	1-1/2		5/8	
30004130	30141			1.05	.0413		38		16.0
30004200	30145		58		.0420	1-1/2		5/8	
30004300	30149		57		.0430	1-1/2		5/8	
30004330	30153			1.10	.0433		38		16.0
30004520	30157			1.15	.0452		38		16.0
30004650	30161		56		.0465	1-1/2		5/8	
30004690	30165	3/64			.0469	1-1/2		5/8	
30004720	30169			1.20	.0472		38		16.0
30004920	30173			1.25	.0492		38		16.0
30005110	30177			1.30	.0511		38		16.0
30005200	30181		55		.0520	1-1/2		5/8	
30005310	30185			1.35	.0531		38		16.0
30005500	30189		54		.0550	1-1/2		5/8	
30005510	30193			1.40	.0551		38		16.0
30005710	30197			1.45	.0571		38		16.0
30005900	30201			1.50	.0590		38		16.0
30005950	30205		53		.0595	1-1/2		5/8	
30006100	30209			1.55	.0610		38		16.0
30006250	30213	1/16			.0625	1-1/2		5/8	
30006300	30217			1.60	.0630		38		16.0
30006350	30221		52		.0635	1-1/2		5/8	
30006490	30225			1.65	.0649		38		16.0
30006690	30229			1.70	.0669		38		16.0
30006700	30233		51		.0670	1-1/2		5/8	
30006890	30237			1.75	.0689		38		16.0
30007000	30241		50		.0700	1-1/2		5/8	
30007080	30245			1.80	.0708		38		16.0
30007280	30249			1.85	.0728		38		16.0
30007300	30253		49		.0730	1-1/2		5/8	
30007480	30257			1.90	.0748		38		16.0
30007600	30261		48		.0760	1-1/2		5/8	
30007670	30265			1.95	.0767		38		16.0
30007810	30269	5/64			.0781	1-1/2		5/8	
30007850	30273		47		.0785	1-1/2		5/8	

**Twister® GP Drills**  
Series 300



## Twister® GP - Series 300 *Continued*



Uncoated		DC				OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm
30007870	30277			2.00	.0787		38		16.0
30008070	30281			2.05	.0807		38		16.0
30008100	30285		46		.0810	1-1/2		5/8	
30008200	30289		45		.0820	1-1/2		5/8	
30008270	30293			2.10	.0827		38		16.0
30008460	30297			2.15	.0846		38		16.0
30008600	30301		44		.0860	1-1/2		5/8	
30008660	30305			2.20	.0866		38		16.0
30008860	30309			2.25	.0886		38		16.0
30008900	30313		43		.0890	1-1/2		5/8	
30009060	30317			2.30	.0906		38		16.0
30009250	30321			2.35	.0925		38		16.0
30009350	30325		42		.0935	1-1/2		5/8	
30009380	30329	3/32			.0938	1-1/2		5/8	
30009450	30333			2.40	.0945		38		16.0
30009600	30337		41		.0960	1-1/2		5/8	
30009650	30341			2.45	.0965		38		16.0
30009800	30345		40		.0980	1-1/2		5/8	
30009840	30349			2.50	.0984		38		16.0
30009950	30353		39		.0995	1-1/2		5/8	
30010040	30357			2.55	.1004		38		16.0
30010150	30361		38		.1015	1-1/2		5/8	
30010240	30365			2.60	.1024		38		16.0
30010400	30369		37		.1040	1-1/2		5/8	
30010430	30371			2.65	.1043		38		16.0
30010630	30373			2.70	.1063		38		16.0
30010650	30377		36		.1065	1-1/2		5/8	
30010830	30381			2.75	.1083		38		16.0
30010940	30385	7/64			.1094	1-1/2		5/8	
30011000	30389		35		.1100	1-1/2		5/8	
30011020	30393			2.80	.1102		38		16.0
30011100	30397		34		.1110	1-1/2		5/8	
30011220	30401			2.85	.1122		38		16.0
30011300	30405		33		.1130	1-1/2		5/8	
30011420	30409			2.90	.1142		38		16.0
30011600	30413		32		.1160	1-1/2		5/8	
30011610	30415			2.95	.1161		38		16.0
30011810	30417			3.00	.1181		38		16.0
30012000	30421		31		.1200	1-1/2		5/8	
30012010	30423			3.05	.1201		38		16.0

Twister® GP Drills  
Series 300



Uncoated		DC				OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm
30012200	30425			3.10	.1220		38		16.0
30012400	30427			3.15	.1240		38		16.0
30012500	30429	1/8			.1250	1-1/2		5/8	
30012850	30437		30		.1285	1-1/2		3/4	
30013600	30441		29		.1360	1-1/2		3/4	
30014050	30445		28		.1405	1-1/2		3/4	
30014060	30449	9/64			.1406	1-1/2		3/4	
30014400	30453		27		.1440	1-1/2		3/4	
30014700	30457		26		.1470	1-1/2		3/4	
30014950	30461		25		.1495	1-1/2		3/4	
30015200	30465		24		.1520	1-1/2		3/4	
30015400	30469		23		.1540	1-1/2		3/4	
30015620	30473	5/32			.1562	1-1/2		3/4	
30015700	30477		22		.1570	1-1/2		3/4	
30015900	30481		21		.1590	1-1/2		3/4	
30016100	30485		20		.1610	1-1/2		3/4	
30016600	30489		19		.1660	1-1/2		3/4	
30016950	30493		18		.1695	1-1/2		3/4	
30017190	30497	11/64			.1719	1-1/2		3/4	
30017300	30501		17		.1730	1-1/2		3/4	
30017700	30505		16		.1770	1-1/2		3/4	
30018000	30509		15		.1800	1-1/2		3/4	
30018200	30513		14		.1820	1-1/2		3/4	
30018500	30517		13		.1850	1-1/2		3/4	
30018750	30521	3/16			.1875	1-1/2		3/4	
30018900	30525		12		.1890	1-1/2		3/4	
30019100	30529		11		.1910	1-1/2		3/4	
30019350	30533		10		.1935	1-1/2		3/4	
30019600	30537		9		.1960	1-1/2		3/4	
30019900	30541		8		.1990	1-1/2		3/4	
30020100	30545		7		.2010	1-1/2		3/4	
30020310	30549	13/64			.2031	1-1/2		3/4	
30020400	30553		6		.2040	1-1/2		3/4	
30020550	30557		5		.2055	1-1/2		3/4	
30020900	30561		4		.2090	1-1/2		3/4	
30021300	30565		3		.2130	1-1/2		3/4	
30021870	30569	7/32			.2187	1-1/2		3/4	
30022100	30573		2		.2210	1-1/2		3/4	
30022800	30577		1		.2280	1-1/2		3/4	
30023400	30581		A		.2340	1-1/2		3/4	
30023440	30585	15/64			.2344	1-1/2		3/4	
30023800	30589		B		.2380	1-1/2		3/4	
30024200	30593		C		.2420	1-1/2		3/4	
30024600	30597		D		.2460	1-1/2		3/4	
30025000	30601	1/4	E		.2500	1-1/2		3/4	

**Twister® GP Drills**  
Series 300

