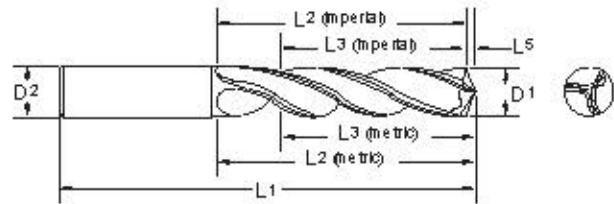


Twister® AL Series 229



Twister® AL Series 229 recommended for increased speeds and feeds when drilling aluminum and similar materials.



- Easily re-ground point design.
- Special 3 flute parabolic flute form for increased chip evacuation.
- Metric sizes 3mm and above manufactured to DIN 6537L.
- Coolant fed style available as a special.

Tool No.	EDP	Diameter				Shank		OAL		Flute Length		Drill Length		Point Length	
		D1 (m7)				D2 (h6)		L1		L2		L3 Ref.		L5	
		Inch	Wire	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
22904690	23050	3/64			.0469	3/64		1-1/2		3/4		9/16		0.006	
22905500	23051		54		.0550	.0550		1-1/2		3/4		9/16		0.007	
22905950	23052		53		.0595	.0595		1-1/2		3/4		9/16		0.007	
22906250	22900	1/16			.0625	1/16		1-1/2		3/4		9/16		0.008	
22906700	23054		51		.0670	.0670		1-1/2		3/4		9/16		0.008	
22907000	23055		50		.0700	.0700		1-3/4		7/8		11/16		0.008	
22907300	23056		49		.0730	.0730		1-3/4		7/8		11/16		0.009	
22907870	22950			2.00	.0787		2.0		38		16.0		12		0.24
22908200	23057		45		.0820	.0820		1-3/4		7/8		11/16		0.010	
22908900	22901		43		.0890	.0890		2		1		3/4		0.011	
22909060	23058			2.3	.0906		2.3		43		20.5		15		0.28
22909380	22902	3/32			.0938	3/32		2		1		3/4		0.011	
22909600	22903		41		.0960	.0960		2		1		3/4		0.012	
22909800	22904		40		.0980	.0980		2		1		3/4		0.012	
22909840	22951			2.50	.0984		2.5		43		20.5		15		0.30
22909950	23059		39		.0995	.0995		2-1/4		1-1/4		15/16		0.012	
22910150	22942		38		.1015	.1015		2-1/4		1-1/4		15/16		0.012	
22910400	23060		37		.1040	.1040		2-1/4		1-1/4		15/16		0.013	
22910650	22943		36		.1065	.1065		2-1/4		1-1/4		15/16		0.013	
22911000	23061		35		.1100	.1100		2-1/4		1-1/4		15/16		0.013	
22911300	22944		33		.1130	.1130		2-1/4		1-1/4		15/16		0.014	
22911420	22952			2.90	.1142		2.9		46		25.0		19		0.35
22911810	22953			3.00	.1181		6.0		66		28.0		23		0.36
22912000	22905		31		.1200	.1200		2-1/4		1-1/4		15/16		0.014	
22912200	23063			3.10	.1220		6.0		66		28.0		23		0.37
22912500	22906	1/8			.1250	1/8		2-1/4		1-1/4		15/16		0.015	

Inch		Metric (mm)	
D1	Tolerance (m7)	D1	Tolerance (m7)
.0469 - .1250	+0.001/+0.004	2.00 - 3.00	+0.02/+0.12
.1251 - .2500	+0.002/+0.006	3.01 - 6.00	+0.04/+0.16
.2501 - .3750	+0.003/+0.008	6.01 - 10.00	+0.06/+0.21
.3751 - .7500	+0.003/+0.010	10.01 - 16.00	+0.07/+0.25

