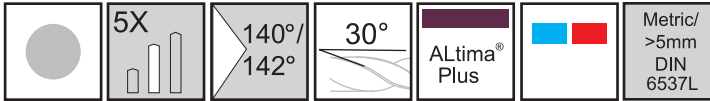


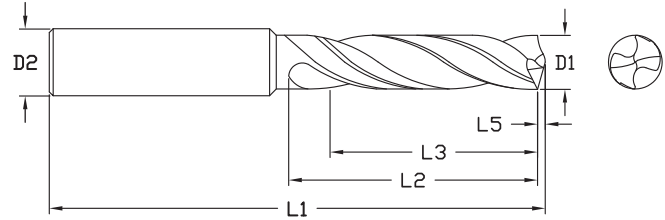
Cyclone Series CXDSR



Designed for high performance drilling in a broad range of materials.



- Double Margin.



ALtima® Plus		Diameter				Shank		OAL		Flute Length		Drill Length		Point Length	
		D1 (m7)				D2 (h6)		L1		L2 (Max.)		L3 Ref.		L5	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
CXDSR 0300AP	06467			3.0	.1181		3.0		66		28		23		0.46
CXDSR 1200AP	06468		#31		.1200	1/8		2.60		1.102		0.906		0.019	
CXDSR 0310AP	06469			3.1	.1220		4.0		66		28		23		0.48
CXDSR 1250AP	06470	1/8			.1250	1/8		2.60		1.102		0.906		0.019	
CXDSR 0320AP	06471			3.2	.1260		4.0		66		28		23		0.50
CXDSR 1285AP	06472		#30		.1285	5/32		2.60		1.102		0.906		0.020	
CXDSR 0330AP	06473			3.3	.1299		4.0		66		28		23		0.51
CXDSR 0340AP	06474			3.4	.1339		4.0		66		28		23		0.53
CXDSR 1360AP	06475		#29		.1360	5/32		2.60		1.102		0.906		0.021	
CXDSR 0350AP	06476			3.5	.1378		4.0		66		28		23		0.54
CXDSR 1406AP	06477	9/64			.1406	5/32		2.60		1.102		0.906		0.022	
CXDSR 0360AP	06478			3.6	.1417		4.0		66		28		23		0.56
CXDSR 0370AP	06479			3.7	.1457		4.0		66		28		23		0.57
CXDSR 0380AP	06480			3.8	.1496		4.0		74		36		29		0.59
CXDSR 1520AP	06481		#24		.1520	5/32		2.91		1.417		1.142		0.024	
CXDSR 0390AP	06482			3.9	.1535		4.0		74		36		29		0.60
CXDSR 1562AP	06483	5/32			.1562	5/32		2.91		1.417		1.142		0.024	
CXDSR 0400AP	06484			4.0	.1575		4.0		74		36		29		0.62
CXDSR 1590AP	06485		#21		.1590	3/16		2.91		1.417		1.142		0.025	
CXDSR 0410AP	06486			4.1	.1614		5.0		74		36		29		0.64
CXDSR 0420AP	06487			4.2	.1654		5.0		74		36		29		0.65
CXDSR 0430AP	06488			4.3	.1693		5.0		74		36		29		0.67
CXDSR 1719AP	06489	11/64			.1719	3/16		2.91		1.417		1.142		0.027	
CXDSR 0440AP	06490			4.4	.1732		5.0		74		36		29		0.68
CXDSR 0450AP	06491			4.5	.1772		5.0		74		36		29		0.70
CXDSR 0460AP	06492			4.6	.1811		5.0		74		36		29		0.71
CXDSR 0470AP	06493			4.7	.1850		5.0		74		36		29		0.73
CXDSR 1875AP	06494	3/16			.1875	3/16		3.23		1.732		1.378		0.029	
CXDSR 0480AP	06495			4.8	.1890		5.0		82		44		35		0.74
CXDSR 0490AP	06496			4.9	.1929		5.0		82		44		35		0.76
CXDSR 0500AP	06497			5.0	.1968		5.0		82		44		35		0.77
CXDSR 0510AP	06498			5.1	.2008		6.0		82		44		35		0.79

Inch		
D1	Tolerance (m7)	
.0000 - .1181	+0.0008/+0.0047	
.1182 - .2362	+0.0016/+0.0063	
.2363 - .3937	+0.0024/+0.0083	
.3938 - .7087	+0.0027/+0.0098	

Inch		
D2	Tolerance (h6)	
.0000 - .1181	+0/-0.0024	
.1182 - .2362	+0/-0.0031	
.2363 - .3937	+0/-0.0035	
.3938 - .7087	+0/-0.0043	

Metric (mm)		
D1	Tolerance (m7)	
0 - 3.0	+0.02/+0.12	
3.01 - 6.0	+0.04/+0.16	
6.01 - 10.0	+0.06/+0.21	
10.01 - 18.0	+0.07/+0.25	

Metric (mm)		
D2	Tolerance (h6)	
0 - 3.0	+0/-0.006	
3.01 - 6.0	+0/-0.008	
6.01 - 10.0	+0/-0.009	
10.01 - 18.0	+0/-0.011	

