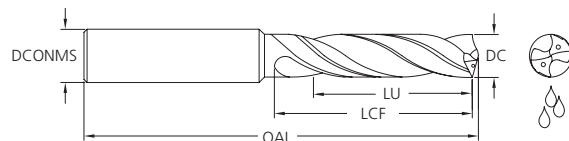
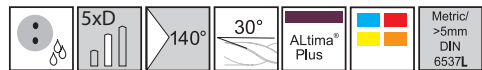


CYCLONE CXD 5xD - Series CXDCR

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



- Double Margin.
- Usable length (LU) = LCF - (1.5 x DC).

ALtima® Plus		DC (m7)				DCONMS (h6)		OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm	Inch	mm
CXDCR 0300AP	06926			3.0	.1181		3.0		66		28
CXDCR1200AP	06927		#31		.1200	1/8		2.60		1.102	
CXDCR 0310AP	06928			3.1	.1220		4.0		66		28
CXDCR1250AP	06929	1/8			.1250	1/8		2.60		1.102	
CXDCR 0320AP	06930			3.2	.1260		4.0		66		28
CXDCR1285AP	06931		#30		.1285	5/32		2.60		1.102	
CXDCR 0330AP	06932			3.3	.1299		4.0		66		28
CXDCR 0340AP	06933			3.4	.1339		4.0		66		28
CXDCR1360AP	06934		#29		.1360	5/32		2.60		1.102	
CXDCR 0350AP	06935			3.5	.1378		4.0		66		28
CXDCR1406AP	06936	9/64			.1406	5/32		2.60		1.102	
CXDCR 0360AP	06937			3.6	.1417		4.0		66		28
CXDCR 0370AP	06938			3.7	.1457		4.0		66		28
CXDCR 0380AP	06939			3.8	.1496		4.0		74		36
CXDCR1520AP	06940		#24		.1520	5/32		2.91		1.417	
CXDCR 0390AP	06941			3.9	.1535		4.0		74		36
CXDCR1562AP	06942	5/32			.1562	5/32		2.91		1.417	
CXDCR 0400AP	06943			4.0	.1575		4.0		74		36
CXDCR1590AP	06944		#21		.1590	3/16		2.91		1.417	
CXDCR 0410AP	06945			4.1	.1614		5.0		74		36
CXDCR 0420AP	06946			4.2	.1654		5.0		74		36
CXDCR 0430AP	06947			4.3	.1693		5.0		74		36
CXDCR1719AP	06948	11/64			.1719	3/16		2.91		1.417	
CXDCR 0440AP	06949			4.4	.1732		5.0		74		36
CXDCR 0450AP	06950			4.5	.1772		5.0		74		36
CXDCR 0460AP	06951			4.6	.1811		5.0		74		36
CXDCR 0470AP	06952			4.7	.1850		5.0		74		36
CXDCR1875AP	06953	3/16			.1875	3/16		3.23		1.732	
CXDCR 0480AP	06954			4.8	.1890		5.0		82		44
CXDCR 0490AP	06955			4.9	.1929		5.0		82		44
CXDCR 0500AP	06956			5.0	.1968		5.0		82		44

Inch	
DC	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
.7088 - .7500	+0.0031/+0.0114

Inch	
DCONMS	Tolerance (h6)
.0000 - .1181	+0/-0.0024
.1182 - .2362	+0/-0.0031
.2363 - .3937	+0/-0.0035
.3938 - .7087	+0/-0.0043
.7088 - .7500	+0/-0.0051

Metric (mm)	
DC	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
18.01 - 20.0	+0.08/+0.29

Metric (mm)	
DCONMS	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
18.01 - 20.0	+0/-0.013

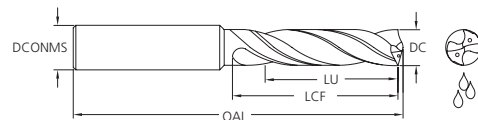
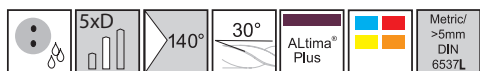


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ALtima® Plus		DC (m7)				DCONMS (h6)		OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm	Inch	mm
CXDCR 0510AP	06957			5.1	.2008		6.0		82		44
CXDCR 2031AP	06958	13/64			.2031	1/4		3.23		1.732	
CXDCR 0520AP	06959			5.2	.2047		6.0		82		44
CXDCR 0530AP	06960			5.3	.2087		6.0		82		44
CXDCR 0540AP	06961			5.4	.2126		6.0		82		44
CXDCR 0550AP	06962			5.5	.2165		6.0		82		44
CXDCR 2187AP	06963	7/32			.2187	1/4		3.23		1.732	
CXDCR 0560AP	07094			5.6	.2205		6.0		82		44
CXDCR 2210AP	06964		#2		.2210	1/4		3.23		1.732	
CXDCR 0570AP	06965			5.7	.2244		6.0		82		44
CXDCR 0580AP	06966			5.8	.2283		6.0		82		44
CXDCR 0590AP	06967			5.9	.2323		6.0		82		44
CXDCR 2344AP	06968	15/64			.2344	1/4		3.23		1.732	
CXDCR 0600AP	06969			6.0	.2362		6.0		82		44
CXDCR 0610AP	06970			6.1	.2402		8.0		91		53
CXDCR 2420AP	06971		C		.2420	1/4		3.58		2.087	
CXDCR 0620AP	06972			6.2	.2441		8.0		91		53
CXDCR 2460AP	06973		D		.2460	1/4		3.58		2.087	
CXDCR 0630AP	06974			6.3	.2480		8.0		91		53
CXDCR 2500AP	06975	1/4			.2500	1/4		3.58		2.087	
CXDCR 0640AP	06976			6.4	.2520		8.0		91		53
CXDCR 0650AP	06977			6.5	.2559		8.0		91		53
CXDCR 2570AP	06978		F		.2570	5/16		3.58		2.087	
CXDCR 0660AP	06979			6.6	.2598		8.0		91		53
CXDCR 2610AP	06980		G		.2610	5/16		3.58		2.087	
CXDCR 0670AP	06981			6.7	.2638		8.0		91		53
CXDCR 2656AP	06982	17/64			.2656	5/16		3.58		2.087	
CXDCR 0680AP	06983			6.8	.2677		8.0		91		53
CXDCR 0690AP	06984			6.9	.2717		8.0		91		53
CXDCR 0700AP	06985			7.0	.2756		8.0		91		53
CXDCR 0710AP	06986			7.1	.2795		8.0		91		53
CXDCR 2812AP	06987	9/32			.2812	5/16		3.58		2.087	
CXDCR 0720AP	06988			7.2	.2835		8.0		91		53
CXDCR 0730AP	06989			7.3	.2874		8.0		91		53
CXDCR 0740AP	06990			7.4	.2913		8.0		91		53
CXDCR 0750AP	06991			7.5	.2953		8.0		91		53
CXDCR 2969AP	06992	19/64			.2969	5/16		3.58		2.087	
CXDCR 0760AP	06993			7.6	.2992		8.0		91		53
CXDCR 0770AP	06994			7.7	.3031		8.0		91		53
CXDCR 0780AP	06995			7.8	.3071		8.0		91		53
CXDCR 0790AP	06996			7.9	.3110		8.0		91		53
CXDCR 3125AP	06997	5/16			.3125	5/16		3.58		2.087	
CXDCR 0800AP	06998			8.0	.3150		8.0		91		53



CYCLONE CXD 5xD - Series CXDCR *Continued*



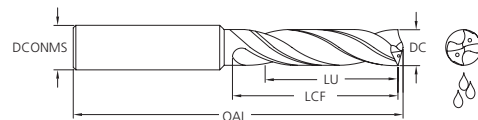
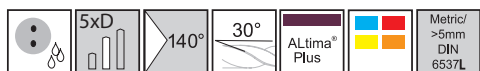
ALtima® Plus		DC (m7)				DCONMS (h6)		OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm	Inch	mm
CXDCR 0810AP	06999			8.1	.3189		10.0		103		61
CXDCR 0820AP	07000			8.2	.3228		10.0		103		61
CXDCR 0830AP	07001			8.3	.3268		10.0		103		61
CXDCR3281AP	07002	21/64			.3281	3/8		4.06		2.402	
CXDCR 0840AP	07003			8.4	.3307		10.0		103		61
CXDCR3320AP	07004		Q		.3320	3/8		4.06		2.402	
CXDCR 0850AP	07005			8.5	.3346		10.0		103		61
CXDCR 0860AP	07006			8.6	.3386		10.0		103		61
CXDCR 0870AP	07007			8.7	.3425		10.0		103		61
CXDCR3438AP	07008	11/32			.3438	3/8		4.06		2.402	
CXDCR 0880AP	07009			8.8	.3465		10.0		103		61
CXDCR 0890AP	07010			8.9	.3504		10.0		103		61
CXDCR 0900AP	07011			9.0	.3543		10.0		103		61
CXDCR 0910AP	07012			9.1	.3583		10.0		103		61
CXDCR3594AP	07013	23/64			.3594	3/8		4.06		2.402	
CXDCR 0920AP	07014			9.2	.3622		10.0		103		61
CXDCR 0925AP	07015			9.25	.3642		10.0		103		61
CXDCR 0930AP	07016			9.3	.3661		10.0		103		61
CXDCR 0940AP	07017			9.4	.3701		10.0		103		61
CXDCR 0950AP	07018			9.5	.3740		10.0		103		61
CXDCR3750AP	07019	3/8			.3750	3/8		4.06		2.402	
CXDCR 0960AP	07020			9.6	.3780		10.0		103		61
CXDCR 0970AP	07021			9.7	.3819		10.0		103		61
CXDCR 0980AP	07022			9.8	.3858		10.0		103		61
CXDCR 0990AP	07023			9.9	.3898		10.0		103		61
CXDCR3906AP	07024	25/64			.3906	7/16		4.06		2.402	
CXDCR 1000AP	07025			10.0	.3937		10.0		103		61
CXDCR 1010AP	07026			10.1	.3976		12.0		118		71
CXDCR 1020AP	07027			10.2	.4016		12.0		118		71
CXDCR 1030AP	07028			10.3	.4055		12.0		118		71
CXDCR4062AP	07029	13/32			.4062	7/16		4.65		2.795	
CXDCR 1040AP	07030			10.4	.4094		12.0		118		71
CXDCR 1050AP	07031			10.5	.4134		12.0		118		71
CXDCR 1060AP	07032			10.6	.4173		12.0		118		71
CXDCR 1070AP	07033			10.7	.4213		12.0		118		71



ALtima® Plus		DC (m7)				DCONMS (h6)		OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm	Inch	mm
CXDCR4219AP	07034	27/64			.4219	7/16		4.65		2.795	
CXDCR 1080AP	07035			10.8	.4252		12.0		118		71
CXDCR 1090AP	07036			10.9	.4291		12.0		118		71
CXDCR 1100AP	07037			11.0	.4331		12.0		118		71
CXDCR 1110AP	07038			11.1	.4370		12.0		118		71
CXDCR4375AP	07039	7/16			.4375	7/16		4.65		2.795	
CXDCR 1120AP	07040			11.2	.4409		12.0		118		71
CXDCR 1130AP	07041			11.3	.4449		12.0		118		71
CXDCR 1140AP	07042			11.4	.4488		12.0		118		71
CXDCR 1150AP	07043			11.5	.4527		12.0		118		71
CXDCR 1160AP	07044			11.6	.4567		12.0		118		71
CXDCR 1170AP	07045			11.7	.4606		12.0		118		71
CXDCR 1180AP	07046			11.8	.4646		12.0		118		71
CXDCR 1190AP	07047			11.9	.4685		12.0		118		71
CXDCR4688AP	07048	15/32			.4688	1/2		4.65		2.795	
CXDCR 1200AP	07049			12.0	.4724		12.0		118		71
CXDCR 1210AP	07050			12.1	.4764		14.0		124		77
CXDCR4844AP	07051	31/64			.4844	1/2		4.88		3.031	
CXDCR 1250AP	07052			12.5	.4921		14.0		124		77
CXDCR5000AP	07053	1/2			.5000	1/2		4.88		3.031	
CXDCR 1280AP	07054			12.8	.5039		14.0		124		77
CXDCR 1283AP	07055			12.83	.5051		14.0		124		77
CXDCR 1290AP	07056			12.9	.5079		14.0		124		77
CXDCR 1300AP	07057			13.0	.5118		14.0		124		77
CXDCR5156AP	07058	33/64			.5156	9/16		4.88		3.031	
CXDCR5312AP	07059	17/32			.5312	9/16		4.88		3.031	
CXDCR 1350AP	07060			13.5	.5315		14.0		124		77
CXDCR 1370AP	07061			13.7	.5394		14.0		124		77
CXDCR5469AP	07062	35/64			.5469	9/16		4.88		3.031	
CXDCR 1400AP	07063			14.0	.5512		14.0		124		77
CXDCR5625AP	07064	9/16			.5625	9/16		5.24		3.268	
CXDCR 1450AP	07065			14.5	.5709		16.0		133		83
CXDCR 1470AP	07066			14.7	.5787		16.0		133		83
CXDCR 1500AP	07067			15.0	.5905		16.0		133		83
CXDCR5938AP	07068	19/32			.5938	5/8		5.24		3.268	
CXDCR 1530AP	07069			15.3	.6024		16.0		133		83
CXDCR 1550AP	07070			15.5	.6102		16.0		133		83
CXDCR 1570AP	07071			15.7	.6181		16.0		133		83
CXDCR6250AP	07072	5/8			.6250	5/8		5.24		3.268	
CXDCR 1600AP	07073			16.0	.6299		16.0		133		83
CXDCR 1608AP	07074			16.08	.6331		18.0		143		93
CXDCR 1630AP	07075			16.3	.6417		18.0		143		93
CXDCR 1650AP	07076			16.5	.6496		18.0		143		93



CYCLONE CXD 5xD - Series CXDCR *Continued*



ALtima® Plus		DC (m7)				DCONMS (h6)		OAL		LCF	
Tool No.	EDP	Inch	Letter/ Wire	mm	Decimal	Inch	mm	Inch	mm	Inch	mm
CXDCR6562AP	07077	21/32			.6562	11/16		5.63		3.661	
CXDCR 1700AP	07078			17.0	.6693		18.0		143		93
CXDCR6875AP	07079	11/16			.6875	11/16		5.63		3.661	
CXDCR 1750AP	07080			17.5	.6890		18.0		143		93
CXDCR 1800AP	07081			18.0	.7087		18.0		143		93
CXDCR 1850AP	07082			18.5	.7283		20.0		153		101
CXDCR7500AP	07083	3/4			.7500	3/4		6.024		3.976	
CXDCR 1916AP	07084			19.16	.7543		20.0		153		101
CXDCR 1925AP	07085			19.25	.7579		20.0		153		101
CXDCR 1930AP	07086			19.3	.7598		20.0		153		101
CXDCR 1950AP	07087			19.5	.7677		20.0		153		101
CXDCR 2000AP	07088			20.0	.7874		20.0		153		101

