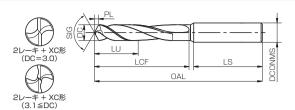
クリスタルダイヤコートドリルねじれ角漸減形 Crystal Diamond Coat Drills Twist Angle Decrescendo Type



●アルミ合金、複合材料 (CFRP、GFRP) の長寿 命加工に最適です。

This drill has low thrust force and excellent chip removal properties. Superior for long tool life processing of Aluminum alloys and conposites.





ねじれ角 シャンク怪許容差

新商品

••A-216

単位 (Unit):mm

オーダ方法 商品	記号							
商品記号 Code	直径 DC	有効長 LU	溝長 LCF	沙沙張 LS	全長 OAL	シャンク怪 DCONMS	先端 PL	在庫 Stock
DCDL-4D0300	3.0	15.1	19.6	28	50.6	3	~ ~	
DCDL-4D0310	3.1	20	24.6		60.6		0.6	l i
DCDL-4D0320	3.2	19.9		1 1		i		
DCDL-4D0330	3.3	19.8		32	60.7		0.7	
DCDL-4D0340	3.4	19.6						
DCDL-4D0350	3.5	19.5						
DCDL-4D0360	3.6		27.7			4		l i
DCDL-4D0370	3.7	22.3		30	60.8		0.8	
DCDL-4D0380	3.8	22.1	27.8					
DCDL-4D0390	3.9	22						
DCDL-4D0400	4.0	21.8						
DCDL-4D0410	4.1	25.7	31.8		76.8			
DCDL-4D0420	4.2	25.6		1 1	76.9	1 1	0.9	
DCDL-4D0430	4.3	25.5	31.9	41				
DCDL-4D0440	4.4	25.3						
DCDL-4D0450	4.5	25.2				_		
DCDL-4D0460	4.6	32.1				5		
DCDL-4D0470	4.7	32			77			
DCDL-4D0480	4.8	31.8	39	35				
DCDL-4D0490	4.9	31.7						
DCDL-4D0500	5.0	31.5						
DCDL-4D0510	5.1	32.5						
DCDL-4D0520	5.2	32.3						
DCDL-4D0530	5.3	32.2	40.1	38	82.1		1.1	
DCDL-4D0540	5.4	32						
DCDL-4D0550	5.5	31.9						
DCDL-4D0560	5.6	33.8				6	1.2	
DCDL-4D0570	5.7	33.7						
DCDL-4D0580	5.8	33.5	42.2		82.2			
DCDL-4D0590	5.9	33.4						
DCDL-4D0600	6.0	33.2						
DCDL-4D0610	6.1	34.2		1 [84.3	7	1.3	
DCDL-4D0620	6.2	34						
DCDL-4D0630	6.3	33.9	43.3	37				
DCDL-4D0640	6.4	33.7						
DCDL-4D0650	6.5	33.6						
DCDL-4D0660	6.6	34.5	44.4		84.4		1.4	
DCDL-4D0670	6.7	34.4						
DCDL-4D0680	6.8	34.2						
DCDL-4D0690	6.9	34.1						
DCDL-4D0700	7.0	33.9		\Box				
DCDL-4D0710	7.1	35.9]	91.5		1.5	
DCDL-4D0720	7.2	35.7	46.5	41		8		
DCDL-4D0730	7.3	35.6	.5.0					
DCDL-4D0740	7.4	35.4						
DCDL-4D0750	7.5		46.6		91.6		1.6	
DCDL-4D0760	7.6	38.2	49.6					
DCDL-4D0770	7.7	38.1		40				
DCDL-4D0780	7.8	37.9						
DCDL-4D0790	7.9	37.8						
DCDL-4D0800	8.0	37.7	49.7	\vdash	91.7	<u> </u>		
DCDL-4D0810	8.1	42.6			99.7	9	1.7	
DCDL-4D0820	8.2	42.4	54.7	41				
DCDL-4D0830	8.3	42.3						
DCDL-4D0840	8.4	42.1	E40		99.8			
DCDL-4D0850	8.5		54.8	$\vdash \vdash$				
DCDL-4D0860	8.6	43.9	56.8				10	
DCDL-4D0870 DCDL-4D0880	8.7 8.8	43.8		40			1.8	
		43.6 43.5						
DCDL-4D0890	8.9	43.5		ш				

Code DC LU LCF LS OAL DOMS PL Stock DCDL-4D0910 9.0 43.4 56.9 40 99.9 9 DCDL-4D0910 9.1 46.3 59.9 106.9 11.9 DCDL-4D0930 9.2 46.1 59.9 106.9 1.9 DCDL-4D0950 9.5 45.8 60 43 107 10 DCDL-4D0960 9.6 47.6 62 107.1 10 2 DCDL-4D0990 9.8 47.3 62.1 107.1 10 2 DCDL-4D1090 10.0 47.1 62.1 107.1 2 2 DCDL-4D1000 10.0 47.1 62.1 107.1 1 2 1 DCDL-4D1000 10.0 47.1 62.1 107.1 1 2 1 DCDL-4D1030 10.3 52.7 7 1 44 116.1 1 2 1 2 1	商品記号	直径	有効長	溝長	シャンク長	全長	シャング怪	先端	在庫
DCDL-4D0910 9.1 46.3 DCDL-4D0920 9.2 46.1 DCDL-4D0930 9.3 46 DCDL-4D0940 9.4 45.8 BCDL-4D0960 9.6 47.6 DCDL-4D0960 9.6 47.5 DCDL-4D0990 9.9 47.3 DCDL-4D1000 10.0 47.1 DCDL-4D1000 10.0 52.8 DCDL-4D1000 10.2 52.8 DCDL-4D1040 10.4 52.6 DCDL-4D1050 10.5 52.5 DCDL-4D1060 10.6 54.3 DCDL-4D1060 10.6 54.3 DCDL-4D1080 10.8 DCDL-4D1100 11.0 53.8 DCDL-4D1100 11.0 53.8 DCDL-4D1100 11.1 56.7 DCDL-4D1100 11.2 56.5 DCDL-4D1100 11.3 56.4 DCDL-4D1100 11.6 58 DCDL-4D1100 11.9 57.5 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.3 60.1 DCDL-4D1200 12.4 60 DCDL-4D1200 12.5 59.9 DCDL-4D1200 12.6 61.7 DCDL-4D1200 12.6 61.7 DCDL-4D1200 12.8 61.5 DCDL-4D1200 12.8 61.5 DCDL-4D1200 12.9 61.4 80.7 51.9 C.7 C	Code	DC	LU	LCF	LS	OAL	DCONMS	PL	Stock
DCDL-4D0920 9.2 46.1 DCDL-4D0930 9.3 46 DCDL-4D0940 9.4 45.8 60 DCDL-4D0960 9.6 47.6 DCDL-4D0960 9.6 47.5 DCDL-4D0960 9.8 47.3 DCDL-4D0990 9.9 47.3 DCDL-4D1000 10.0 47.1 DCDL-4D1000 10.1 53 DCDL-4D1020 10.2 52.8 DCDL-4D1040 10.4 52.6 DCDL-4D1060 10.6 54.3 DCDL-4D1060 10.6 54.3 DCDL-4D1060 10.6 54.2 DCDL-4D1060 10.6 54.2 DCDL-4D1060 10.8 DCDL-4D1060 10.8 DCDL-4D1100 11.0 53.8 DCDL-4D1100 11.1 56.7 DCDL-4D1100 11.2 56.5 DCDL-4D1100 11.3 56.4 DCDL-4D1100 11.3 56.4 DCDL-4D1100 11.5 56.2 DCDL-4D1100 11.5 56.2 DCDL-4D1100 11.5 56.2 DCDL-4D1160 11.6 58 DCDL-4D1160 11.6 58 DCDL-4D1160 11.6 58 DCDL-4D1180 11.8 57.7 DCDL-4D1180 11.9 57.5 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.3 60.1 DCDL-4D1200 12.4 60 DCDL-4D1200 12.6 61.7 DCDL-4D1200 12.6 61.7 DCDL-4D1200 12.6 61.7 DCDL-4D1200 12.6 61.7 DCDL-4D1200 12.8 61.5 DCDL-4D1200 12.8 61.5 DCDL-4D1200 12.9 61.4 80.7 51.9 C.7 C.7	DCDL-4D0900	9.0	43.4	56.9	40	99.9	9		
DCDL-4D0930	DCDL-4D0910	9.1	46.3			106.9		İ	
DCDL-4D0930	DCDL-4D0920	9.2	46.1				10	1.9	
DCDL-4D0950 9.5 45.8 60 CDL-4D0960 9.6 47.6 CDL-4D0960 9.8 47.3 CDL-4D0990 9.9 47.3 CDL-4D1000 10.0 47.1 CDL-4D1000 10.0 47.1 CDL-4D1030 10.3 52.7 CDL-4D1060 10.6 54.3 CDL-4D1060 10.6 54.3 CDL-4D1080 10.8 CDL-4D1080 10.8 CDL-4D1080 10.8 CDL-4D1100 11.0 53.8 CDL-4D1100 11.1 56.7 CDL-4D1130 11.3 56.4 CDL-4D1130 11.5 56.2 CDL-4D1130 11.8 57.7 CDL-4D1160 11.6 58 CDL-4D1160 11.8 57.7 CDL-4D1180 11.8 57.7 CDL-4D1180 11.8 57.7 CDL-4D1180 11.9 CDL-4D1200 12.0 57.5 CDL-4D1200 12.0 57.5 CDL-4D1200 12.1 60.4 CDL-4D1200 12.2 60.2 CDL-4D1200 12.3 60.1 CDL-4D1200 12.4 60 CDL-4D1200 12.5 59.9 CDL-4D1260 12.6 61.7 CDL-4D1260 12.8 61.5 CDL-4D1280 12.8 61.5 CDL-4D1290 12.9 61.4 60.7 CDL-4D1290 12.9 61.	DCDL-4D0930	9.3	46	59.9					
DCDL-4D0960 9.6 47.6 62 62 62 62 62 62 62	DCDL-4D0940	9.4	45.0						
DCDL-4D0960 9.6 47.5 DCDL-4D0980 9.8 47.3 DCDL-4D0990 9.9 47.3 DCDL-4D1000 10.0 47.1 DCDL-4D1020 10.2 52.8 68.1 DCDL-4D1030 10.3 52.7 DCDL-4D1060 10.6 54.3 DCDL-4D1060 10.6 54.3 DCDL-4D1080 10.8 54 DCDL-4D1080 10.8 54 DCDL-4D1100 11.0 53.8 DCDL-4D1100 11.1 56.7 DCDL-4D1120 11.2 56.5 DCDL-4D1130 11.3 56.4 DCDL-4D1130 11.3 56.4 DCDL-4D1160 11.6 58 DCDL-4D1160 11.6 58 DCDL-4D1160 11.6 58 DCDL-4D1180 11.8 57.7 DCDL-4D1180 11.8 57.7 DCDL-4D1180 11.8 57.7 DCDL-4D1180 11.9 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.1 60.4 DCDL-4D1200 12.2 60.2 DCDL-4D1200 12.3 60.1 DCDL-4D1200 12.3 60.1 DCDL-4D1200 12.4 60 DCDL-4D1200 12.5 59.9 DCDL-4D1260 12.6 61.7 DCDL-4D1260 12.8 61.5 DCDL-4D1280 12.8 61.5 DCDL-4D1290 12.9 61.4 80.7 56.2 DCDL-4D1290 12.9 61.4 80.7 E0.2 D	DCDL-4D0950	9.5	45.8	60	40	107		2	
DCDL-4D0990 9.8 47.3 62	DCDL-4D0960	9.6	47.6		43				
DCDL-4D1090	DCDL-4D0970	9.7	47.5	62					
DCDL-4D1090 10.0 47.1 62.1 107.1 DCDL-4D1010 10.1 53 DCDL-4D1030 10.3 52.7 DCDL-4D1050 10.5 52.5 DCDL-4D1060 10.6 54.3 DCDL-4D1070 10.7 54.2 DCDL-4D1080 10.8 DCDL-4D1090 10.9 DCDL-4D1100 11.0 53.8 DCDL-4D1100 11.1 56.7 DCDL-4D1130 11.3 56.4 DCDL-4D1140 11.4 56.3 DCDL-4D1150 11.5 56.2 DCDL-4D1160 11.6 58 DCDL-4D1170 11.7 57.9 DCDL-4D1180 11.8 57.7 DCDL-4D1180 11.8 57.7 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.3 60.1 DCDL-4D1200 12.4 60 DCDL-4D1260 12.6 61.7 DCDL-4D1260 12.8 61.5 DCDL-4D1260 12.8 61.5 DCDL-4D1260 12.9 61.4 80.7 E3.7	DCDL-4D0980	9.8	172	60.1					
DCDL-401000 10.0 47.1 10.1 53 DCDL-401020 10.2 52.8 68.1 116.1 116.1 DCDL-401030 10.3 52.7 10.5 52.5 68.2 DCDL-401060 10.6 54.3 DCDL-401080 10.8 54 DCDL-401080 10.9 54 DCDL-401100 11.0 53.8 DCDL-401120 11.2 56.5 DCDL-401120 11.2 56.5 DCDL-401130 11.3 56.4 DCDL-401140 11.4 56.3 DCDL-401160 11.6 58 DCDL-401160 11.6 58 DCDL-401160 11.8 57.7 DCDL-401190 11.9 57.5 DCDL-401190 11.9 57.5 DCDL-401200 12.0 57.5 DCDL-401200 12.1 60.4 DCDL-401200 12.2 60.2 DCDL-401200 12.3 60.1 DCDL-401200 12.3 60.1 DCDL-401200 12.3 60.1 DCDL-401260 12.6 61.7 DCDL-401260 12.6 61.7 DCDL-401260 12.6 61.7 DCDL-401260 12.6 61.7 DCDL-401260 12.8 61.5 DCDL-401280 12.8 61.5 DCDL-401290 12.9 61.4 80.7 139.7 2.7 1	DCDL-4D0990	9.9]	1071		2.1	
DCDL-4D1020 10.2 52.8 68.1				02.1		107.1			
DCDL-4D1030	DCDL-4D1010					116.1	11		
DCDL-4D1040				68.1					
DCDL-4D1050	DCDL-4D1030				44				
DCDL-4D1060				68.2		116.2		2.2	
DCDL-4D1060				00.2					
DCDL-4D1080 10.8 54 70.3 116.3 DCDL-4D1100 11.0 53.8 70.3 116.3 DCDL-4D1110 11.1 56.7 DCDL-4D1120 11.2 56.5 56.5 DCDL-4D1130 11.3 56.4 DCDL-4D1140 11.4 56.3 DCDL-4D1160 11.6 58 DCDL-4D1160 11.6 58 DCDL-4D1180 11.8 57.7 DCDL-4D1180 11.9 57.7 DCDL-4D1200 12.0 57.5 DCDL-4D1200 12.1 60.4 DCDL-4D1200 12.2 60.2 DCDL-4D1240 12.3 60.1 DCDL-4D1240 12.4 60 DCDL-4D1240 12.6 61.7 DCDL-4D1260 12.8 61.5 DCDL-4D1280 12.8 61.5 DCDL-4D1290 12.9 61.4 80.7 61.6 DCDL-4D1290 12.9 61.4 80.7 E1.7									
DCDL-4D1100			54.2	70.2					
DCDL-4D1100 11.0 53.8 70.3 116.3			54		43				
DCDL-4D1100			50.0	70.3		123.3		2.3	
DCDL-4D1120									
DCDL-4D1130				70.0					
DCDL-4D1140				/3.3	40				
DCDL-4D1150									
DCDL-4D1160				73.4					
DCDL-4D1170							12	24	
DCDL-4D1180 11.8 57.7 75.5 123.5				75.4				2.4	
DCDL-4D1190 11.9 57.7 75.5 123.5 DCDL-4D1200 12.0 57.5 75.5 123.5 DCDL-4D1210 12.1 60.4 60.2 78.5 139.5 DCDL-4D1230 12.3 60.1 57 78.6 78.6 DCDL-4D1240 12.4 60 78.6 78.6 139.5 139.6 DCDL-4D1250 12.5 59.9 78.6 80.6 139.6 13 2.6 DCDL-4D1270 12.7 61.6 80.6 61.5 61.5 80.6 139.7 2.7 DCDL-4D1280 12.8 61.5 80.7 139.7 2.7				75.4	45				
DCDL-4D1200 12.0 57.5 79.5 123.5 DCDL-4D1210 12.1 60.4 DCDL-4D1220 12.2 60.2 DCDL-4D1230 12.3 60.1 DCDL-4D1240 12.4 60 DCDL-4D1250 12.5 59.9 DCDL-4D1260 12.6 61.7 DCDL-4D1270 12.7 61.6 BCDL-4D1280 12.8 61.5 DCDL-4D1290 12.9 61.4 80.7 139.7 2.7			57.7				1		
DCDL-4D1210 12.1 60.4 DCDL-4D1220 12.2 60.2 78.5 57 139.5 2.5			57.5	75.5		123.5			
DCDL-4D1220 12.2 60.2 78.5 57 DCDL-4D1230 12.3 60.1 57 DCDL-4D1250 12.4 60 78.6 DCDL-4D1260 12.5 59.9 DCDL-4D1270 12.7 61.6 61.7 DCDL-4D1280 12.8 61.5 DCDL-4D1290 12.9 61.4 80.7 56 139.7 2.7 139.7 2.7						139.5		2.5	
DCDL-4D1230 12.3 60.1 57 DCDL-4D1240 12.4 60 78.6 DCDL-4D1250 12.5 59.9 78.6 DCDL-4D1260 12.6 61.7 80.6 DCDL-4D1270 12.7 61.6 61.7 DCDL-4D1280 12.8 61.5 56 DCDL-4D1290 12.9 61.4 80.7 139.7 2.7									
DCDL-4D1240 12.4 60 78.6 DCDL-4D1250 12.5 59.9 78.6 DCDL-4D1260 12.6 61.7 80.6 DCDL-4D1270 12.7 61.6 80.6 DCDL-4D1280 12.8 61.5 80.7 56 DCDL-4D1290 12.9 61.4 80.7 139.7 2.7					57				
DCDL-4D1250 12.5 59.9 78.6 DCDL-4D1260 12.6 61.7 DCDL-4D1270 12.7 61.6 DCDL-4D1280 12.8 61.5 DCDL-4D1290 12.9 61.4 80.7 139.7 2.7				70.0	0,				ĺ
DCDL-4D1260 12.6 61.7 80.6 DCDL-4D1270 12.7 61.6 DCDL-4D1280 12.8 61.5 DCDL-4D1290 12.9 61.4 80.7 139.6 139.6 139.6 139.7 2.6 139.7 2.7	DCDL-4D1250			78.6		1000	, ,		
DCDL-4D1270 12.7 61.6 80.6 DCDL-4D1280 12.8 61.5 DCDL-4D1290 12.9 61.4 80.7 139.7 2.7	DCDL-4D1260			00.0		139.6	13	2.6	
DCDL-4D1280 12.8 61.5 56 139.7 2.7	DCDL-4D1270			80.6					
	DCDL-4D1280	12.8			56				
DCDL-4D1300 13.0 61.2	DCDL-4D1290	12.9	61.4	80.7		139.7		2.7	
	DCDL-4D1300	13.0	61.2						

超硬ドリル

ハイスドリル

タップ

超硬 エンドミル

ハイス エンドミル

切断工具

パック・ セット商品

精密工具

その他

技術資料

索引