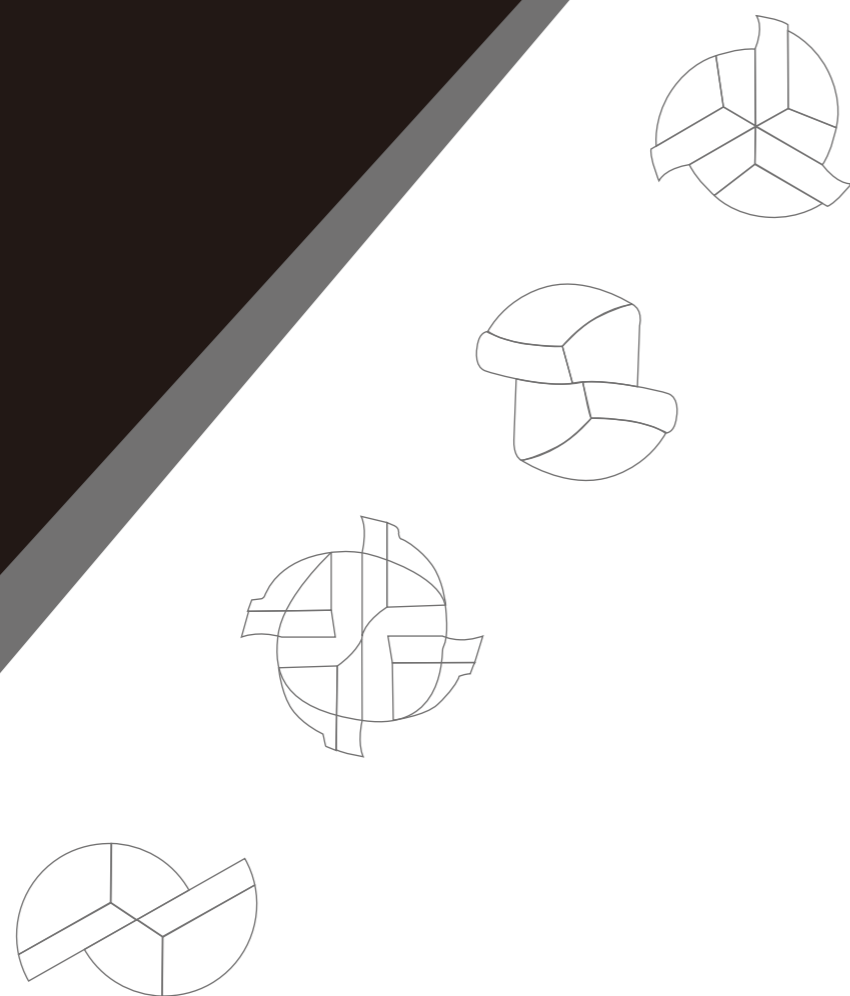




# TIME TO GO PCD

*The durable cutters that work around the clock*



## 陸元鑽石刀具有限公司

**LU YEN PCD CUTTERS CO., LTD.**

台灣省台中市南屯區五權西路三段文山南巷9號  
No. 9, Wen San S.Lane, Sec. 3, Wu Chuan W. Rd.,  
Taichung 40849, Taiwan.

Tel: +886-4-23825082 Fax: +886-4-23811587

E-mail: rke.luyuan@gmail.com

rke.luyuan@yahoo.com.tw

ACW 2018.03.1000E



鑽石銑刀PCD Router Bits / 鑽石刀頭PCD Cutterhead / 鑽石鋸片PCD Sawblade

# A SOLID CUT WITH DIAMOND



Established in 1980, Lu Yen PCD Cutter Co., Ltd. is specialized in super hard cutters and has been selling to the world markets with named brand, RKE Cutters. Our cutters range from PCD Cutterheads, PCD Router Bits, PCD Sawblades, and we also customize cutters based customers' different requests for a tough cutter.

In responding to today's manufacturing trend heading toward pursuing better value products, RKE Cutters is, without a doubt your top option for high quality cutters that are designed to withstand heavy duty manufacturing needs.

陸元鑽石刀具有限公司成立於1980年，致力於專業木工刀具研發製造及自有品牌RKE超硬木工刀具銷售。各類型超硬木工刀包括各種PCD鑽石刀頭與PCD鑽石銼刀，陸元提供最齊全之超硬木工刀具以滿足客戶的不同需求，呼應產業升級發展高精密工業，製造高附加價值產品的世界潮流。

主要的製品涵蓋：木工鑽石立軸刀具、鑽石銼刀、PCD鑽石鋸片，以及鑽石客製化鑽石刀具製造。

CUSTOM MADE IN TAIWAN, WITH GERMAN HIGH QUALITY

來自台灣，德國品質的客製刀具



RKE Cutters has built itself upon decades of Cutters manufacture experiences in grinding and cutting. The cutter body is 100% made in-house by RKE Cutters, and we have imported the top-end VOLLMER PCD cutters automated manufacturing system to ensure only the best cutters are shipped out from RKE Cutters.

With our continuing devotion, our cutters have expanded from cutting wood to different materials such as for printed circuit boards or for aluminum alloy manufacturing.

RKE Cutters is not only a cutter supplier, but we also value heavily on the importance of sale services. With each customized cutter order, we are confident to supply with quick delivery and provide satisfying after-sale services. RKE believes that our PCD cutters with much longer service life can be the solutions for achieving better production results and reducing the need to constantly changing new cutters.

陸元本著長久以來所累積「研磨」及「切削」的製造基礎，除了要求鎢鋼刀身100%自製以達到高品質要求外，更引進德國VOLLMER PCD聚晶鑽石刀具自動化生產設備，從事衍生性PCD鑽石刀具製品的研發與技術創新。

創立至今，陸元鑽石刀具本著踏實穩健的步伐，不斷的創新研發各種高品質刀具產品，提供客戶最好的服務，更憑藉數十年來在木工超硬刀具產業累積精密研磨和切削刀具製造的能力及對材料科學知識的應用，擴增服務範圍，為高科技產業製程的需求客製適合的PCD鑽石刀具，並用於如電子電路板或鋁合金等材料切割應用。

陸元堅持提供高品質，以具市場競爭力的專業木工刀具產品和優質服務精神為理念，交貨精確迅速深得客戶信賴。我們深信使用PCD聚晶鑽石開發出的製品，不但能幫客戶提高工件的使用壽命與提昇加工品質，更減低了地球資源的耗用。



RKE CUTTERS PROVIDES FULLY CUSTOMIZED CUTTER SERVICES.

陸元提供全客製化刀具服務

## YES, WE CAN!

If you are looking for customized PCD cutters, RKE Cutters can help you. Aside from the standard specification products, RKE Cutters also receives over 90% and numerous orders for customized requests. With thousands of customized cutters being sent to customers every year, RKE has maintained high customer satisfaction feedback with extremely low product defect problems. We set a tough standard on our product checking process only to make sure you don't have to worry about finding good and stable quality cutters.

您在尋找鑽石刀具的客製服務嗎？陸元能幫您！

除了一般規格刀具外，陸元有近90%以上的刀具皆是為客戶量身打造的客製刀具。每年，我們送出數千隻的客製刀具，每支刀具都經過最嚴格的品質確認，創造陸元「最高客戶滿意度」與極低產品瑕疵問題。因為我們對於產品的高標準要求就是要讓您放心的使用陸元鑽石刀具。

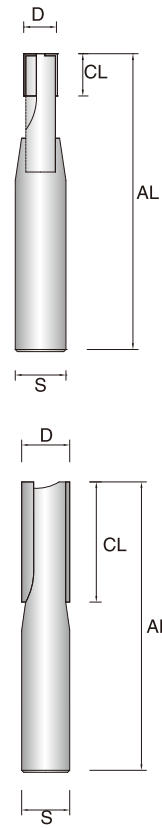


## 鑽石直刀 PCD Router Bits- Straight

Designed for sizing and grooving on both solid wood and panels.  
用於實木與合板之切銷、修邊與開料。

**Application:** Solid wood, MDF, and plywood.

**應用:** 實木、密集板、塑合板板材的修邊及開料。



Item No.	ØS	ØD	CL	AL	Z
1012610	12	6	10	75	2
1012615	12	6	15	75	2
1012810	12	8	10	75	2
1012815	12	8	15	75	2
1012820	12	8	20	75	2
1012825	12	8	25	90	2
10121015	12	10	15	75	2
10121020	12	10	20	75	2
10121025	12	10	25	90	2
10121215	12	12	15	70	2
10121220	12	12	20	70	2
10121225	12	12	25	75	2
10121230	12	12	30	75	2

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。



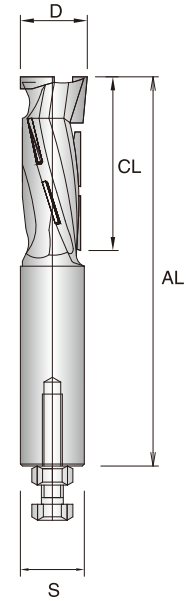
## 鑽石螺旋直刀 (2+2) PCD Router Bits (2+2)- Spiral

For boring, sizing, and grooving on panels.  
More durable compared to Straight Router Bits (1+1).

用於鑽孔、修邊、開槽。相較於鑽石直刀(1+1)更耐用  
螺旋設計可切削出更平整的平面。

**Application:** Veneered and uncoated wood base materials  
such as chipboard, plywood, and MDF.

**應用:** 有貼皮或者沒有貼皮的人造板材。如刨花板、  
MDF、合板、防火貼皮面板。



Item No.	ØS	ØD	CL	AL	Z
30121230	12	12	30	95	4+1
30121235	12	12	35	95	5+1
30161635	16	16	30	95	4+1
30161635	16	16	35	95	5+1
30201640	20	16	40	115	5+1

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。



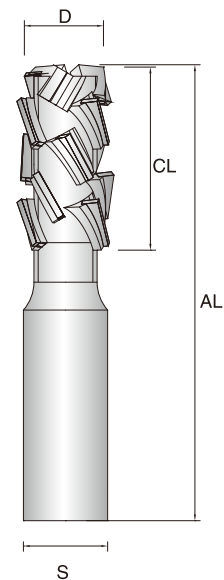
## 鑽石螺旋直刀-3刃 PCD Router Bits (3+3)- Spiral

For boring, sizing, and grooving on panels. The top choice for precision  
cutting under high rotation speed. Sprial design delivers smoother wood  
surface. Delivering much longer durability and low tear cutting.

用於鑽孔、修邊、開槽。適用於高轉速用的最優質選擇、更耐  
久、LOW TEAR。螺旋設計可切削出更平整的平面。提供最佳  
耐用度與大幅降低木頭撕裂情形。

**Application:** Veneered and uncoated wood base materials  
such as chipboard, plywood, and MDF.

**應用:** 有貼皮或者沒有貼皮的人造板材。如刨花板、MDF、  
合板、防火貼皮面板。



Item No.	ØS	ØD	CL	AL	Z
401612255	16	12	25	95	3Z 5+1
401612308	16	12	30	95	3Z 8+1
401616256	16	16	25	95	3Z 6+1
401616308	16	16	30	95	3Z 8+1
5020204011	20	22	40	110	3Z 11+1
5020204012	20	22	40	110	3Z 12 dia
5020254011	20	25	40	110	3Z 11+1
5025224011	25	22	40	110	3Z 11+1
5025254012	25	25	40	110	3Z 12 dia

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。



## 鑽石預修刀 PCD Pre-milling Cutters for Edge bander

For tear-free and low noise jointing workpiece edge and veneer.  
可以安靜得貼合實木與木質板材，不會產生碎屑，亦可降低噪音。

**Application:** Veneered and uncoated wood base materials such  
as chipboard, plywood, MDF, fiber reinforced  
plastics (GFRP, CFRP, etc.)

**應用:** 木皮、木質材料(如:合板材料 / 塑合板)、纖維  
強化塑膠。

Item No.	ØD	L	Øb	Z
6012534306	125	34	30	6
60125343012	125	34	30	12
60125453012	125	45	30	12
60125633018	125	64	30	18

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。

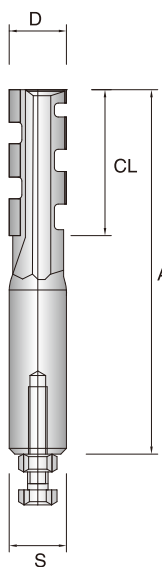


## 鑽石直刀 (1+1) PCD Router Bits (1+1)- Straight

For boring, sizing, and grooving on panels. The most economical choice.  
用於合板之鑽孔、修邊、開槽。適合較低成本、經濟型的選擇。

**Application:** Veneered and uncoated wood base materials such as  
chipboard, plywood, and MDF.

**應用:** 有貼皮或者沒有貼皮的人造板材。如刨花板、MDF、  
合板、防火貼皮面板。



Item No.	ØS	ØD	CL	AL	Z
20121025	12	10	25	86	3+1
20121225	12	12	25	86	3+1
20121235	12	12	35	86	4+1
20161625	16	16	25	86	3+1
20161635	16	16	35	96	4+1
20161640	16	16	40	96	5+1
20161655	16	16	55	116	6+1
20161845	16	18	45	105	5+1
20162065	16	20	65	110	7+1
20202065	20	20	65	135	7+1

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。



## 鑽石螺旋立軸刀 PCD Helical Planer Cutter Head

Heavy duty and high rotation speed use.  
重切銷、高轉速適用、低噪音

**Application:** 4-side moulder & shapers.

**應用:** 螺旋刀頭可用於四面鉋及鉋邊機。



Item No.	ØD	L	Øb	Z
LU- F60	100/125	60	30/40/50	4Z/6Z
LU- F80	100/125	80	30/40/50	4Z/6Z
LU- F100	100/125	100	30/40/50	4Z/6Z
LU- F125	100/125	125	30/40/50	4Z/6Z
LU- F153	100/125	153	30/40/50	4Z/6Z
LU- F180	100/125	180	30/40/50	4Z/6Z
LU- F203	100/125	203	30/40/50	4Z/6Z

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。

## 鑽石地板榫刀 PCD Flooring Cutters (Adjustable)

Flexible adjustment design for highly precision cutting use on different solid wood or panels. Can be re-sharpened for long service life. Hard PCD material delivers extra smooth surface result.

精確度高，組合式設計，可以加強多種規格的板材，可反覆修磨，壽命長、硬度高，切割表面更加平滑。

**Application:** Solid wood, MDF, plywood, bamboo wood floor, laminate floor, hand scraped floor, etc.

**應用:** 實木、膠合板、竹木地板、強化複合地板、手刮地板.....等。



Item No.	ØD	Øb	W	Z
LU-J1254010	125	40	10-20	4Z/6Z
LU-J1254012	125	40	12-25	4Z/6Z
LU-J1304010	130	40	10-20	4Z/6Z
LU-J1304012	130	40	12-25	4Z/6Z
LU-J1503010	150	30	10-20	4Z/6Z
LU-J1504012	150	30	12-25	4Z/6Z
LU-J1603010	160	30	10-20	4Z/6Z
LU-J1604012	160	30	12-25	4Z/6Z

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。

## 鑽石裁板機用鋸片 PCD Saw Blades for Panel Saw

PCD sawblade is highly wear resistant and delivers better edge strength and durability, which also ensures a smoother surface on workpiece.

切削表面光滑度更好、耐磨性好、刀刃強度提高、耐用度比硬質合金高、壽命較長。

**Application:** Suitable for cutting MDF, wood-based panel, plastic laminated particle board, particle boards, etc.

**應用:** 刨花板、合板木、塑合板以及複合材料之板材。

Item No.	ØD	H	Øb	Z
LU-10	180	4.3-5.2	45	36
	355	4.4	60	60
LU-10N	180	4.3-5.2	50	40
	405	4.4	75	80
LU-10S	160	4.3-5.2	45	40
	400	4.4	75	72
LU-10S	180	3.9-4.9	45	40
	405	4.0	60	80

※ Customized service is available upon requests.  
※ 其它特殊規格，可另行訂製。

