一體式指接刀系列　Finger Joint Cutterhead Series

指接刀頭系列適用於家具製造、建材加工，以及GLT / CLT生產，可在連續生產環境中提供穩定一致的指接品質、高效安裝設定與可靠的加工表現。

The Finger Joint Cutterhead Series is designed for furniture manufacturing, building material processing, and GLT/CLT production, delivering consistent joint quality, efficient setup, and reliable performance in continuous production environments.

Feature1

快速固定設計　Quick-Clamping Design

前端固定支援快速、安全且便利的刀頭更換，有助於縮短更換時間。

Front side clamping supports fast, safe, and convenient knife replacement to reduce change time.

Feature2

優質塗層HSS / TCT刀頭

Premium Coated HSS / TCT Knives

提供適用於不同切削條件的彈性材質選擇，涵蓋軟木加工與高負荷硬木應用。

Flexible material options for different cutting conditions, from softwood processing to demanding hardwood applications.

Feature3

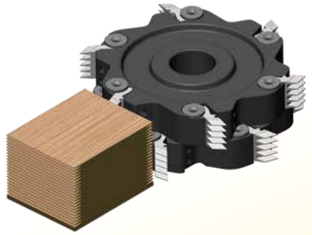
精密定位設計

Precision Positioning Design

有助於加快刀具對位，並簡化安裝設定。

Supports faster alignment and easier setup.





Features4

堅固耐用的刀體結構

Durable Cutterhead Structure

刀頭本體經過熱處理與精密動平衡校正，有助於維持穩定運轉與長期加工表現。

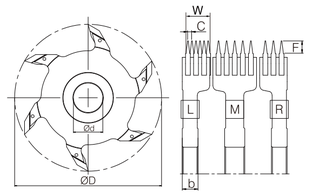
A heat-treated cutter block with precision dynamic balancing supports stable operation and long-term performance.

一體式指接刀（組合式）Finger Joint Cutterhead (combination type)

組合式指接刀以上、下外刀作為基礎切削組，並可透過中間刀片(M)調整切削寬度。高齒數配置，適用於高進給速度的加工應用。

The Combination Type includes top and bottom outside cutters as the basic cutting set, with base inserts (M) available to adjust the cutting width. High tooth count configuration designed for high feed-rate applications.





規格 Specification

Diameter（D）	Bore（d）	Plate（b）	Partition（C）	Teeth	Number of finger joints	Finger joint length(F)	Notes
170	50	14.8	3.8	4	3	15/15	L (top cutter)
170	50	19	3.8	4	5	15/15	M (base cutter)
170	50	14.8	3.8	4	3	15/15	R (bottom cutter)
170	50	14.8	3.8	4	3	15/16.5	L (top cutter)
170	50	19	3.8	4	5	15/16.5	M (base cutter)
170	50	14.8	3.8	4	3	15/16.5	R (bottom cutter)
250	50	14.8	3.8	6	3	10/11	L (top cutter)
250	50	19	3.8	6	5	10/11	M (base cutter)
250	50	14.8	3.8	6	3	10/11	R (bottom cutter)

* 請勿單獨使用中間刀片(M)，必須搭配外側刀片(L與R)一同使用。
* Never attempt to use only base inserts (M) without outside cutters (L and R).

不同刀具組合的切削寬度：Cutting Width with different cutters:

Number of cutters	Wood width in mm（W）
L+R	22.2 mm
L+1M+R	41.2 mm
L+2M+R	60.2 mm
L+3M+R	79.2 mm
L+4M+R	98.2 mm
L+5M+R	117.2 mm
L+6M+R	136.2 mm
L+7M+R	155.2 mm
L+8M+R	174.2 mm
L+9M+R	193.2 mm
L+10M+R	212.2 mm

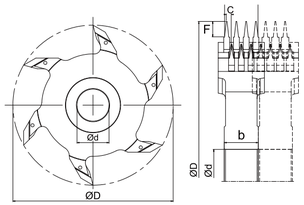
指接深度：*10 / 11、15 / 16.5 - 適用於配備粉碎鋸的機台。　*10 / 10、15 / 15 - 適用於未配備粉碎鋸的機台。
Finger joint length:*10/11, 15/16.5 – for machines with hogger saws.　*10/10, 15/15 – for machines without hogger saws.

一體式指接刀（焊接式）Finger Joint Cutterhead (Integration type)

焊接式指接刀可靈活對應不同的指接加工規格。使用者可依所需切削寬度組合適當數量的刀頭，同時兼顧安裝效率與穩定切削表現。

The Integration Type provides a flexible solution for different finger joint specifications. Users can combine the required number of cutterheads to adjust the cutting width while maintaining efficient setup and stable cutting performance.





規格 Specification

Diameter（D）	Bore（d）	Plate（b）	Partition（C）	Teeth	Number of finger joints	Finger joint length(F)
160	50	30.4	3.8	2+2	8	10/10
160	50	30.4	3.8	2+2	8	10/11
160	50	26.6	3.8	2+2	7	10/11
170	50	15.2	3.8	2+2	4	15/15
170	50	26.6	3.8	2+2	7	15/15
170	50	26.6	3.8	2+2	7	15/16.5
170	50	26.6	3.8	2+2	7	10/11
250	50	33.6	2.8	4+4	12	6/7
250	50	26.6	3.8	3+3	7	10/11
250	50	26.6	3.8	3+3	7	15/15

不同刀體厚度的切削寬度：Cutting width with different plates:

Number of cutters	Wood width in mm（W）			
1	14.6 mm	26.0 mm	29.9 mm	33.0 mm
2	29.8 mm	52.6 mm	60.3 mm	66.6 mm
3	45.0 mm	79.2 mm	90.7 mm	100.2 mm
4	60.2 mm	105.8 mm	121.1 mm	133.8 mm
5	75.4 mm	132.4 mm	151.5 mm	167.4 mm
6	90.6 mm	159.0 mm	181.9 mm	201.0 mm
7	105.8 mm	185.6 mm	212.3 mm	234.6 mm
8	121.0 mm	212.2 mm	242.7 mm	268.2 mm
9	136.2 mm	238.8 mm	273.1 mm	301.8 mm
10	151.4 mm	265.4 mm	303.5 mm	335.4 mm
Plate（b）	15.2	26.6	30.4	33.6

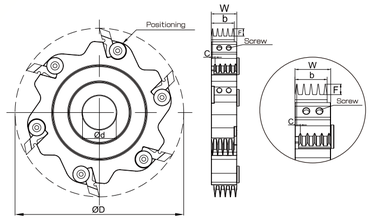
指接深度：*10 / 11、15 / 16.5 - 適用於配備粉碎鋸的機台。　*10 / 10、15 / 15 - 適用於未配備粉碎鋸的機台。
Finger joint length:*10/11, 15/16.5 – for machines with hogger saws.　*10/10, 15/15 – for machines without hogger saws.

一體式指接刀（替換式）Finger Joint Cutterhead（Replacement type）

替換式指接刀結合可替換式的低公差刀頭、堅固耐用的本體與精密定位設計，
有助於簡化維護流程、降低長期刀具成本。

The Replacement Type combines replaceable precision knives manufactured to tight tolerances with a durable cutterhead body and a precision positioning design. It helps simplify maintenance and reduce long-term tooling costs.





規格 Specification

Diameter（D）	Bore（d）	Plate（b）	Partition（C）	Teeth	Number of finger joints	Finger joint length（F）
160	50	25.6	1.6	2+2	16	4/4
160	50	38	3.8	2+2	10	10/10
160	50	38	3.8	2+2	10	10/11
170	50	38	3.8	2+2	10	10/10
170	50	38	3.8	2+2	10	10/11
180	50	38	3.8	2+2	10	15/16.5
250	50	25.6	1.6	6+6	16	4/4
250	50	39.2	2.8	5+5	14	6/7
250	50	38	3.8	3+3	10	10/10
250	50	38	3.8	3+3	10	10/11
250	50	38	3.8	3+3	10	15/16.5
260	50	38	3.8	3+3	10	15/16.5

不同刀體厚度的切削寬度： Cutting width with different plates:

Number of cutters	Wood width in mm（W）		
1	25.2 mm	37.5 mm	38.6 mm
2	50.8 mm	75.5 mm	77.8 mm
3	76.4 mm	113.5 mm	117 mm
4	102 mm	151.5 mm	156.2 mm
5	127.6 mm	189.5 mm	195.4 mm
6	153.2 mm	227.5 mm	234.6 mm
7	178.8 mm	265.5 mm	273.8 mm
8	204.4 mm	303.5 mm	313 mm
9	230 mm	341.5 mm	352.2 mm
10	255.6 mm	379.5 mm	391.4 mm
Plate（b）	25.6	38.0	39.2

指接深度：*10 / 11、15 / 16.5 - 適用於配備粉碎鋸的機台。 *10 / 10、15 / 15 - 適用於未配備粉碎鋸的機台。
Finger joint length:*10/11, 15/16.5 – for machines with hogger saws. *10/10, 15/15 – for machines without hogger saws.

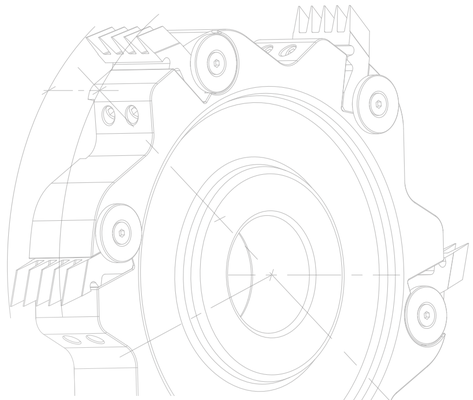
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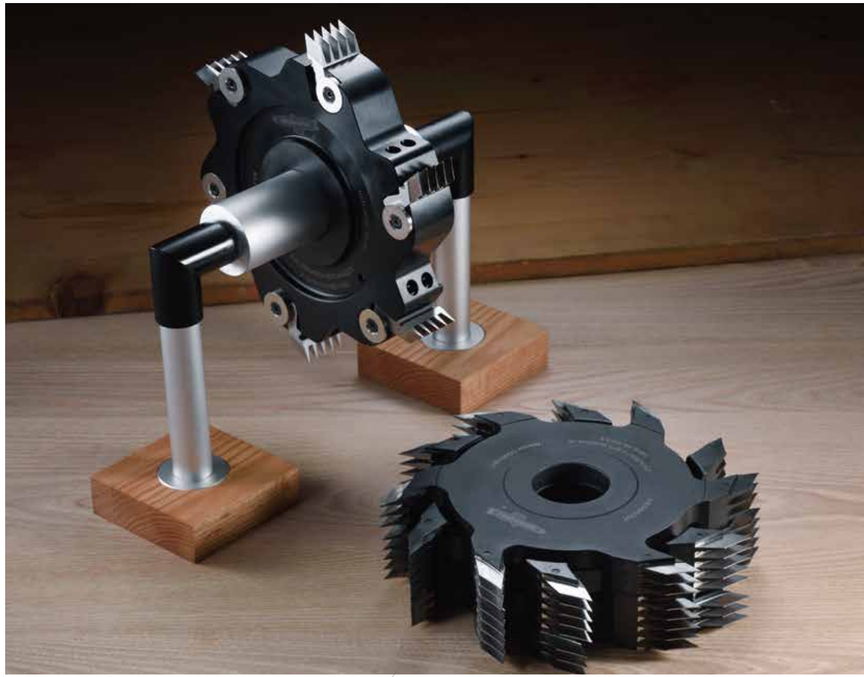
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