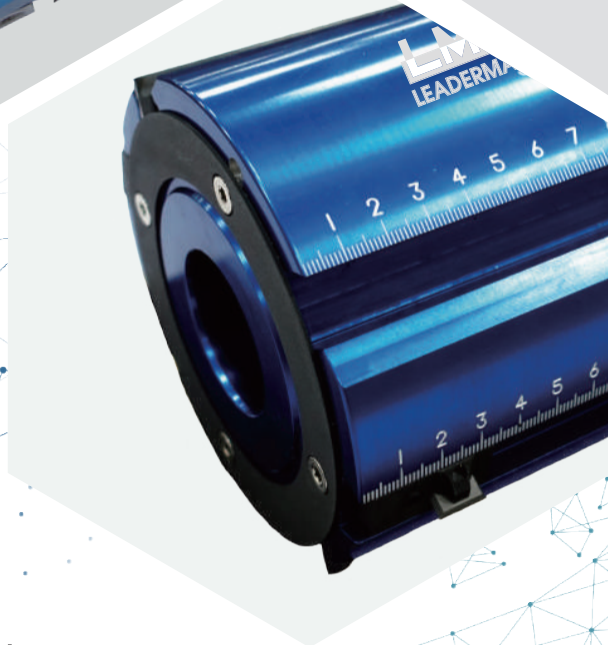
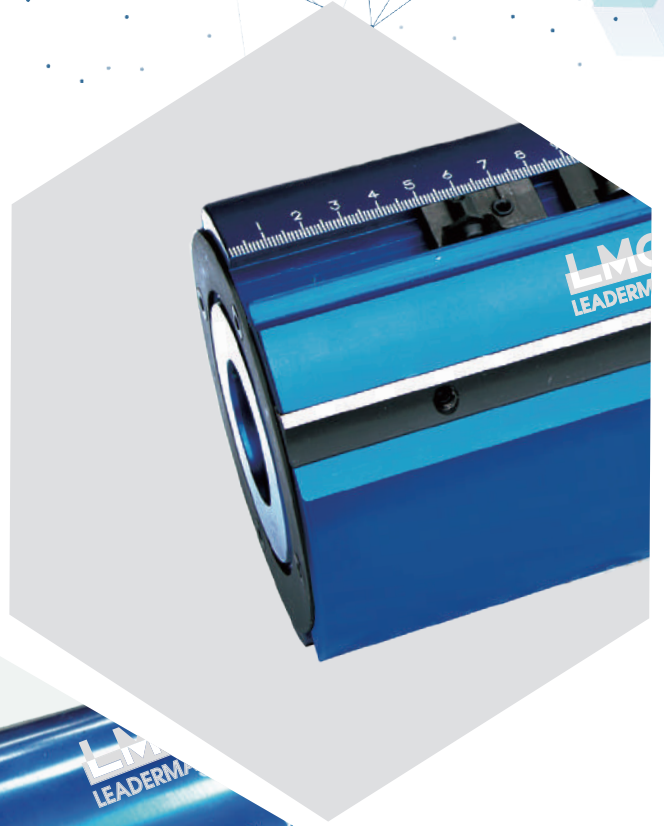
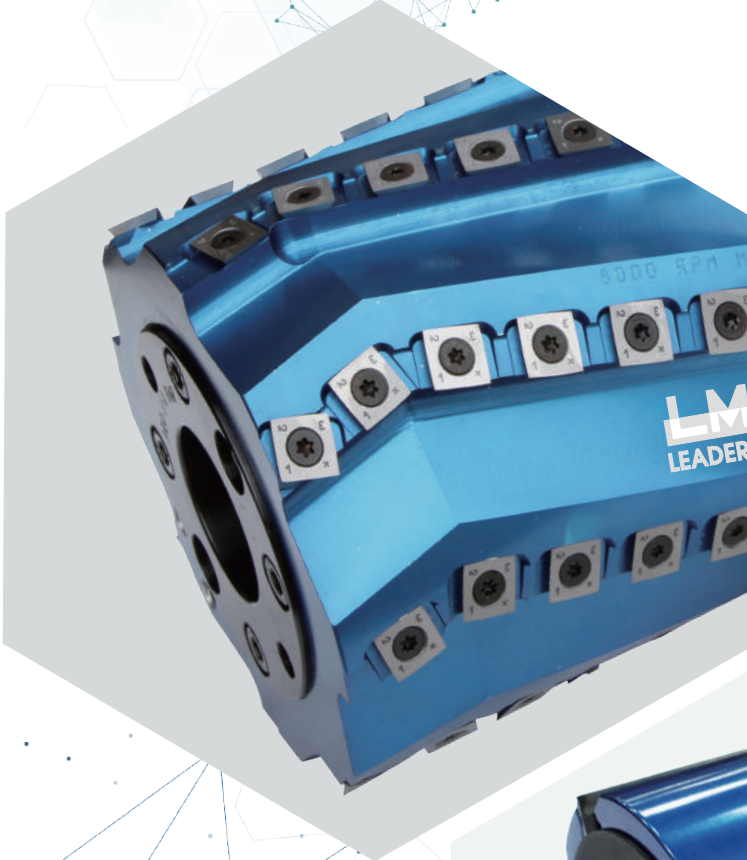
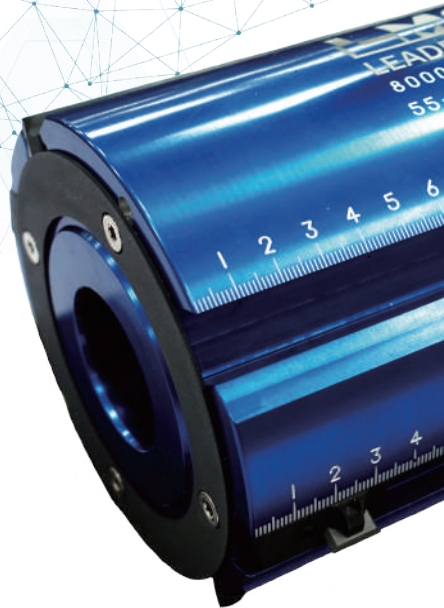


Leadermac Tool



- Fast Changing System
- Spiral Series
- Profiling Knives

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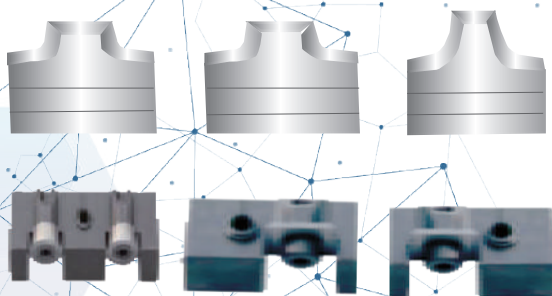
Fast Changing System

FC Series	02
FCP Series	04
FCM Series	05
FCD Series	06



Spiral Series

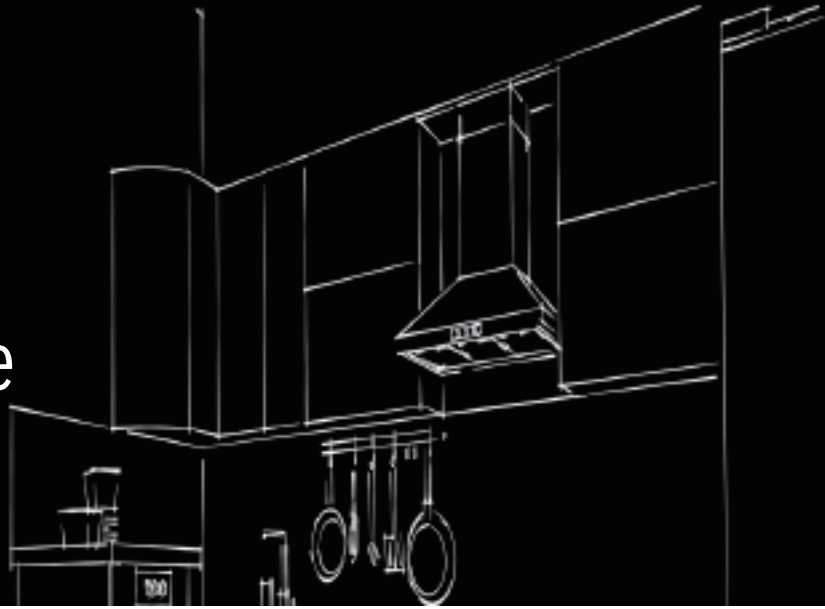
SP Series	07
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Profiling Knives

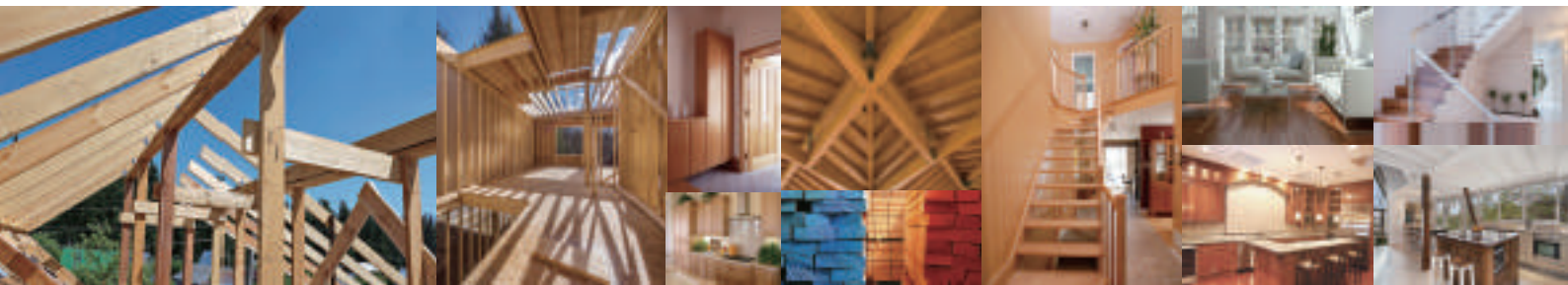
PRF Series	10
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Extensive Sales Net Around the Globe



LEADERMAC 4-SIDE MOULDERS HELP CUSTOMERS STAY COMPETITIVE

Quality Features Add More Value to Your Production



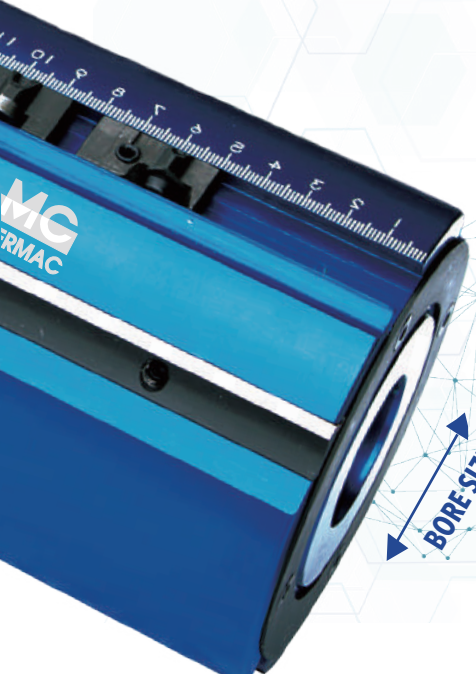
Established in 1972, Leadermac Machinery Co., Ltd. has more than 45 years of experience in R & D, design and manufacturing of 4-side moulders. Over the years, we have remained dedicated to the constant development of higher performance machines to help our customers stay competitive.



WIDE RANGE OF APPLICATIONS

Leadermac offers a wide variety of 4-side moulders for machining various wood products.

- Finger-joint wood
- Wood flooring
- Solid wood doors
- Cabinets
- Desks
- Chairs
- Stairs
- Office furniture
- Beams
- Wallboards
- Picture frames



Fast Changing System

NOTE

When ordering cutterheads, replace the ** in the part number with the number in the ** column in the chart at left which matches the bore size of your machine. Other sizes and configurations are available upon request, including Hydro-Bore.

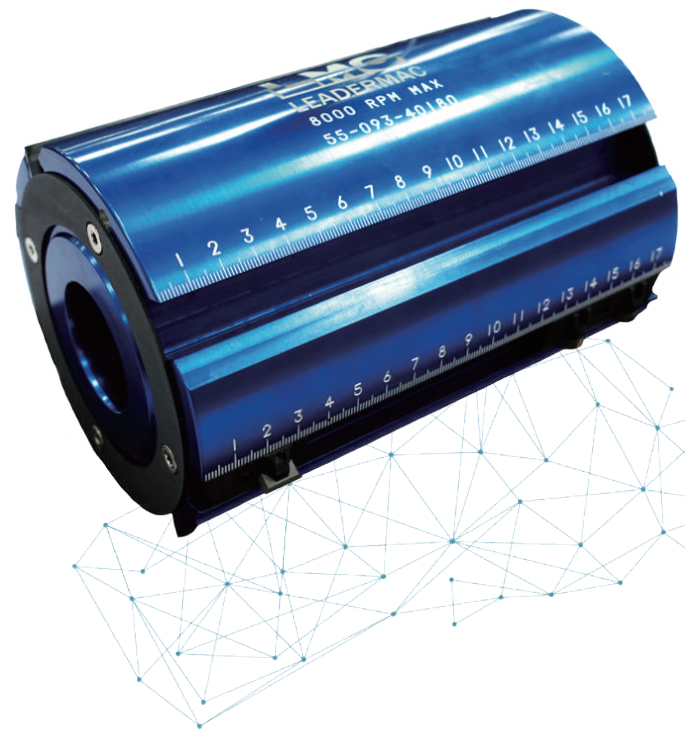
BORE SIZE	1-1/2"	40mm	1-13/16"	50mm	2-1/8"	60mm
**	38	40	46	50	54	60

FC Series

Fast Change Cutterheads

SPECIFICATION

- Fast-lock centrifugal force clasp system.
- Knives could reverse.
- Exact and accordant cutting cycle exactly with in $\pm 0.03\text{mm}$.
- Made by Solid aluminum alloy.
- Excellent design of cutterhead.
- H.S.S. knives with carbide or tungsten are available.
- Radially changed the knives.
- According to the diameter of cutterhead, could choose various configurations more than 2.
- It's available for hogging or finishing product.

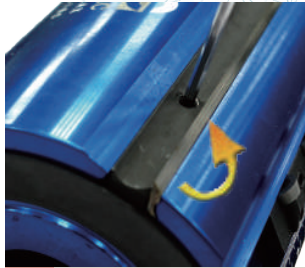


BENEFITS:

- Fast and exact knife change for saving time and more easily.
- Decline cost of tooling consumables.
- Knife no need to adjustment.
- Spindle and bearings could less stress.
- Extremely safety and superior function.
- Material removal rate will increase.
- Expanded service life of knife.
- Easily to change knife.
- Increase your productivity rate.

Fast Changing System

Operation Instructions



STEP 1

Loosen set screws by using a 3mm wrench.



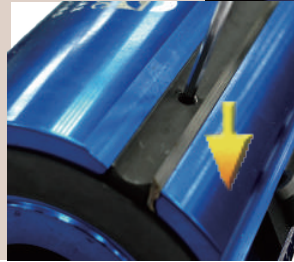
STEP 2

Use the hexagonal wrench to gently tap down the gib then you can take out the knives radially.



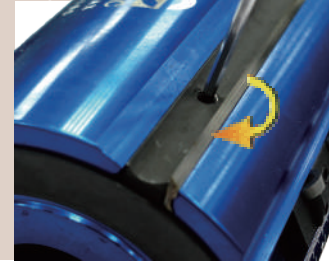
STEP 3

To mount new knives or use the other edge of the knife, make sure the knife is properly engaged with the cavity on the cutterhead body.



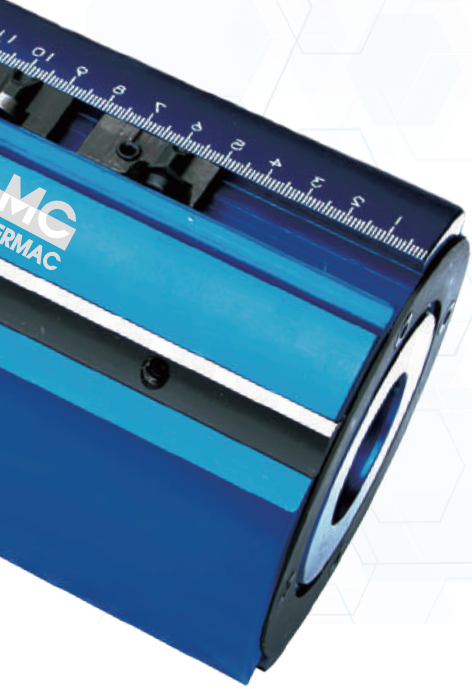
STEP 4

Tap down on the gib again, then the gib will automatically precisely secure the knife in place. Finally, tighten all set screws.



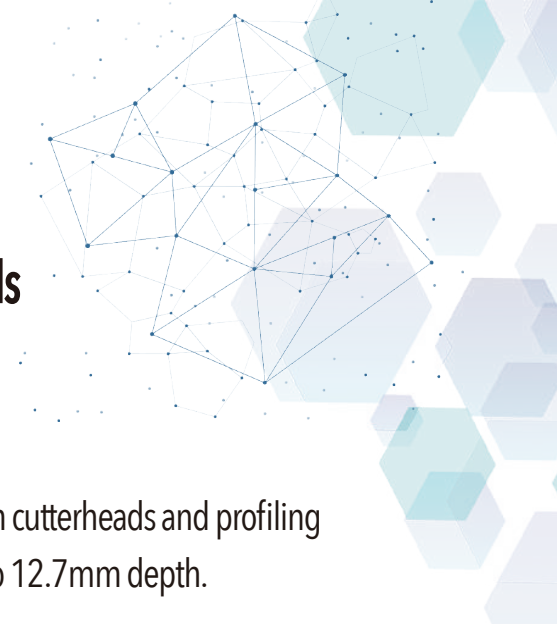
PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	PLANING KNIVES	PROFILING KNIVES SLOTS	DOVETAIL SLOTS
FC 2510**400	25	10	**	4	0	0
FC 2515**400		15				
FC 2520**400		20				
FC 2523**400		23				
FC 2524**400		24				
FC 4010**400	40	10	**	4	0	0
FC 4015**400		15				
FC 4023**400		23				
FC 4031**400		31				
FC 6010**400	60	10	**	4	0	0
FC 6015**400		15				
FC 6023**400		23				
FC 6031**400		31				

(Special Order upon request) (All specifications, dimensions and design characteristics are subject to change without notice.)



FCP Series

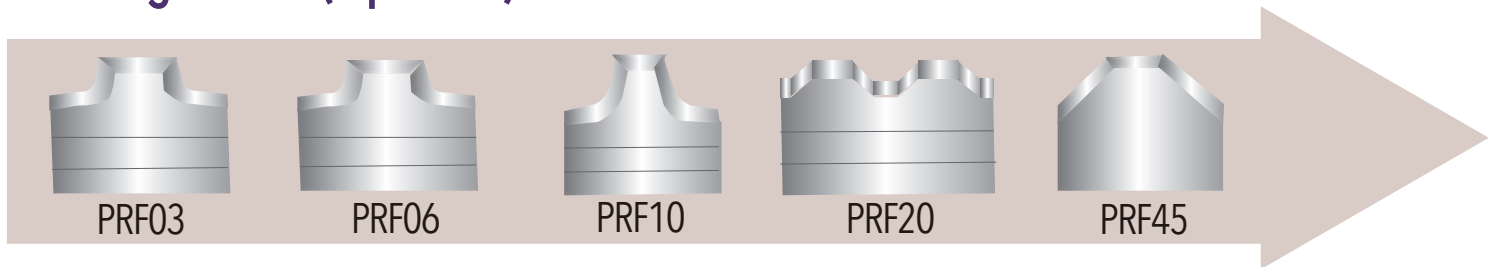
Fast Change Profiling Cutterheads



SPECIFICATION

- Terminus planing knives combine with cutterheads and profiling knives could also capable profiling up to 12.7mm depth.

Profiling Knives (Optional):



PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	PLANING KNIVES	PROFILING KNIVES SLOTS	DOVETAIL SLOTS
FCP 2510**420	25	10	**	4	2	0
FCP 2515**420		15				
FCP 2520**420		20				
FCP 2523**420		23				
FCP 2524**420		24				
FCP 4010**420	40	10	**	4	2	0
FCP 4015**420		15				
FCP 4023**420		23				
FCP 4031**420		31				
FCP 6010**420	60	10	**	4	2	0
FCP 6015**420		15				
FCP 6023**420		23				
FCP 6031**420		31				

(Special Order upon request) (All specifications, dimensions and design characteristics are subject to change without notice.)

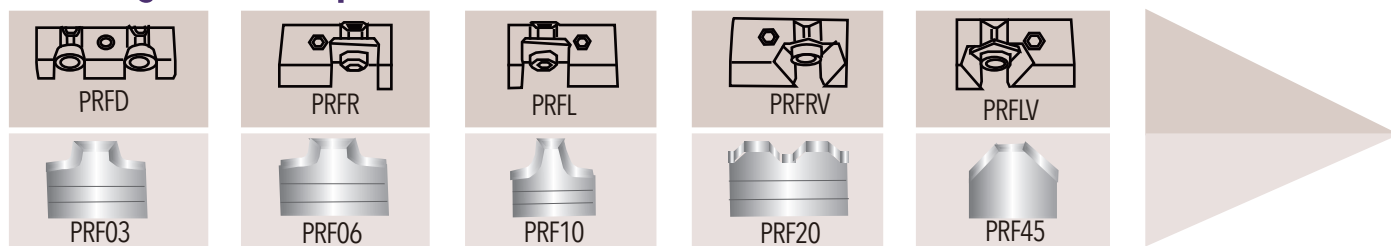
FCM Series

Fast Change Multi-Profiling Cutterheads

SPECIFICATION

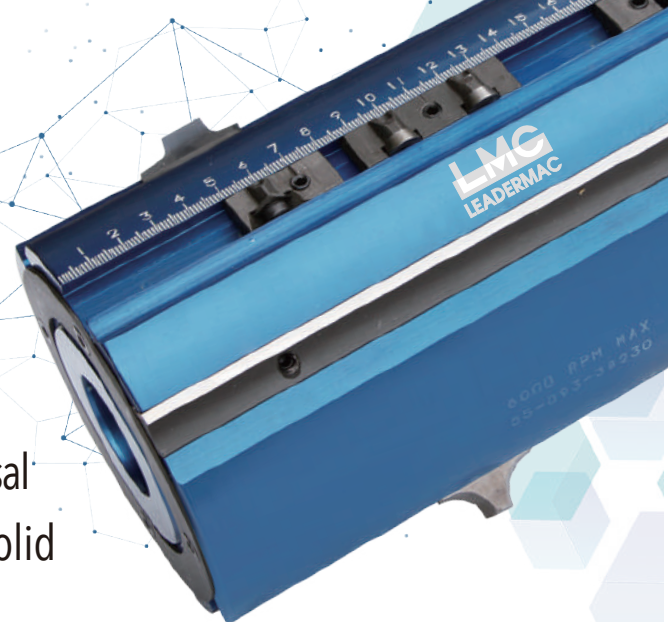
- Terminus planing knives combine with a universal cutterheads, dovetailed profiling knives and solid profiling knives in one cutterhead.
- Combine the functions of FCP series and FCD series.
- There are stocked cutterheads for immediate delivery.

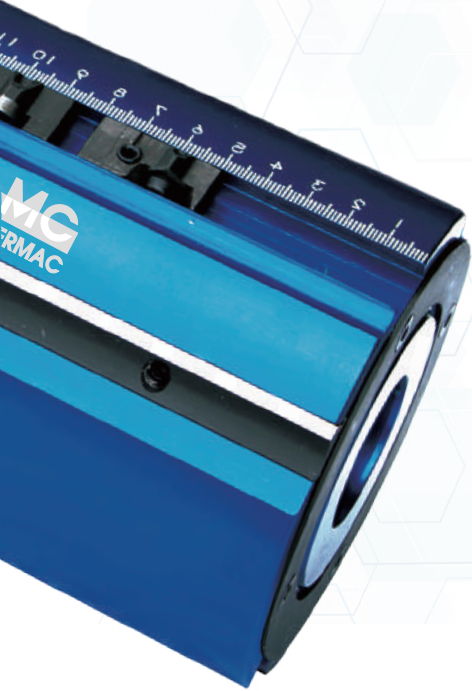
Profiling Knives (Optional):



PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	PLANING KNIVES	PROFILING KNIVES SLOTS	DOVETAIL SLOTS
FCM 2510**222	25	10	**	2	2	2
FCM 2515**222		15				
FCM 2520**222		20				
FCM 2523**222		23				
FCM 2524**222		24				
FCM 4010**222	40	10	**	2	2	2
FCM 4015**222		15				
FCM 4023**222		23				
FCM 4031**222		31				
FCM 6010**222	60	10	**	2	2	2
FCM 6015**222		15				
FCM 6023**222		23				
FCM 6031**222		31				

(Special Order upon request) (All specifications, dimensions and design characteristics are subject to change without notice.)





Fast Changing System

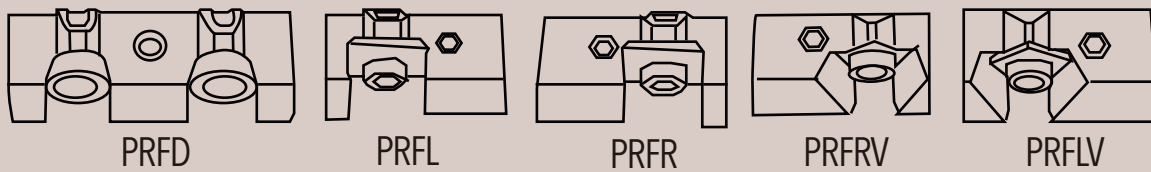
FCD Series

Fast Change Dovetailed Profiling Cutterheads

SPECIFICATION

- Terminus planing knives combine with cutterheads and profiling knives holder in dovetail slots.

Profiling Knives (Optional):



PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	PLANING KNIVES	PROFILING KNIVES SLOTS	DOVETAIL SLOTS
FCD 2510**402	25	10	**	4	0	2
FCD 1515**402		15				
FCD 2520**402		20				
FCD 2523**402		23				
FCD 2524**402		24				
FCD 4010**402	40	10	**	4	0	2
FCD 4015**402		15				
FCD 4023**402		23				
FCD 4031**402		31				
FCD 6010**402	60	10	**	4	0	2
FCD 6015**402		15				
FCD 6023**402		23				
FCD 6031**402		31				

(Special Order upon request) (All specifications, dimensions and design characteristics are subject to change without notice.)

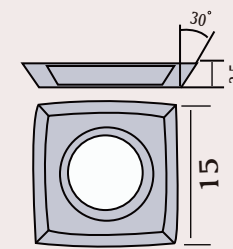
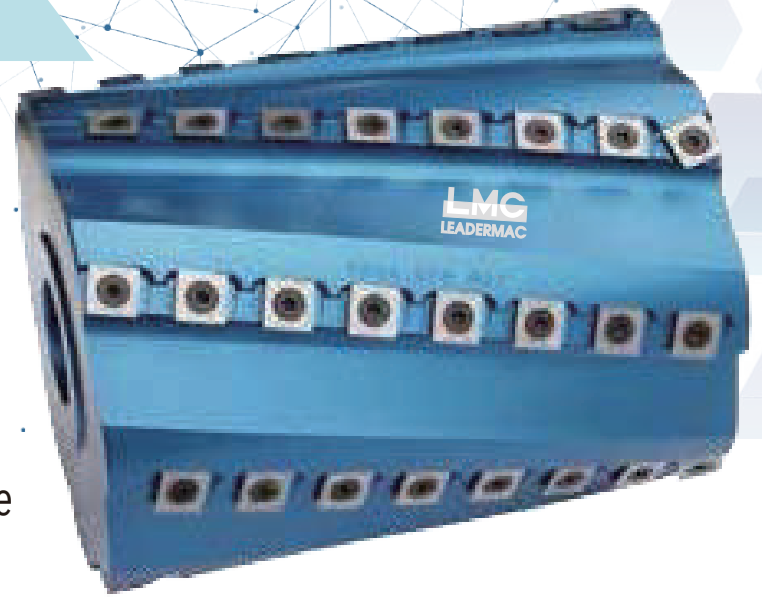
Spiral Series

SP Series Spiral Cutterheads

(insert 15 x 15 x 2.5 with 150mm radius)

SPECIFICATION

- 150mm radius shaped inset to make sure the cutting quality and provide a better surface.
- The inset are spun due to spiral angle, ensure outstanding cutting capability and quality.
- The cutterhead body is made by aluminum alloy, anodized, dyed and dynamic equilibrium for running extremely stable, low weight and safe working condition.



Shaped insert

150mm radius shaped insert

PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	SLOTS
SP 2510**6T15	25	10	**	6
SP 2515**6T15		15		
SP 2523**6T15		23		
SP 2524**6T15		24		
SP 4010**6T15	40	10	**	6
SP 4015**6T15		15		
SP 4023**6T15		23		
SP 4031**6T15		31		
SP 6010**8T15	60	10	**	8
SP 6015**8T15		15		
SP 6023**8T15		23		
SP 6031**8T15		31		

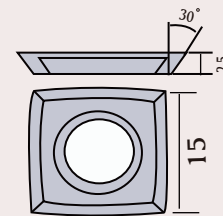
(Special Order upon request) (All specifications, dimensions and design characteristics are subject to change without notice.)

CS Series

Center Shape Spiral Cutterheads

SPECIFICATION

- Center shaped inset permutation would make dust gather around with great dust remove capability.
- Layer board is also available.
- The angular point of center shape can be appoint due to the chip consume point.



Shaped insert

150mm radius shaped insert

PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	SLOTS
CS 2510**6T15	25	10	**	6
CS 2515**6T15		15		
CS 2523**6T15		23		
CS 2524**6T15		24		
CS 4010**6T15	40	10	**	6
CS 4015**6T15		15		
CS 4023**6T15		23		
CS 4031**6T15		31		
CS 6010**8T15	60	10	**	8
CS 6015**8T15		15		
CS 6023**8T15		23		
CS 6031**8T15		31		

(Special Order upon request) (All specifications, dimensions and design characteristics are subject to change without notice.)

Spiral + Profiling Series

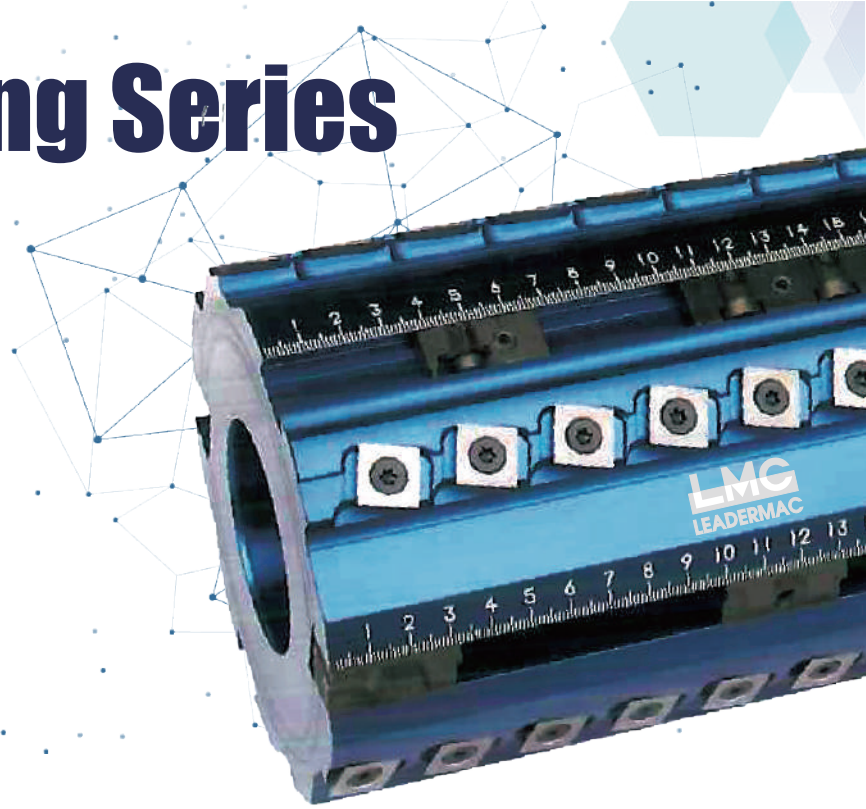
S&P Series

Spiral + Profiling Cutterheads

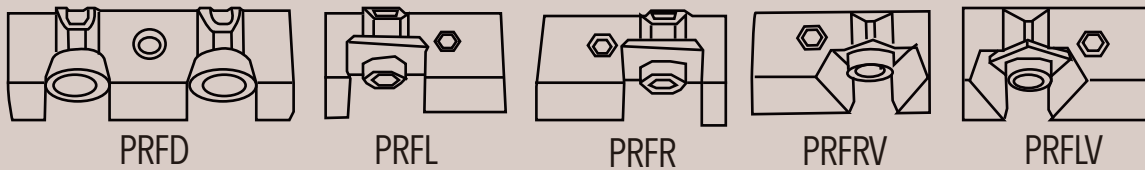
(insert 15 x 15 x 2.5 with 150mm radius)

SPECIFICATION

- The Spiral cutterhead had combine with two kind of profile knife pockets supply quick and pliable change of knife shape and at low exhaust.



Profiling Knives (Optional):



PART NO.	CUTTING CIRCLE	CUTTING LENGTH	BORE DIAMETER	PLANING KNIVES	PROFILING KNIVES SLOTS	DOVETAIL SLOTS
S&P 4010**622	40	10	**	6	2	2
S&P 4015**622		15				
S&P 4023**622		23				
S&P 4031**622		31				
S&P 6010**622	60	10	**	6	2	2
S&P 6015**622		15				
S&P 6023**622		23				
S&P 6031**622		31				

(Special Order upon request) (All specifications, dimensions and design characteristics are subject to change without notice.)




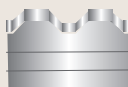

Profiling Knives

PRF Series

Solid Profiling Knife

SPECIFICATION

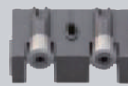




Knives for profile depth up to 12mm. Suitable for FCM and FCP cutterheads in TCT.

PART NO.	DESCRIPTION	PROFILING KNIFE	TYPE	
PRF 03	Double Radius Concave Knives PRF 03		FCP	FCM
PRF 06	Double Radius Concave Knives PRF 06		FCP	FCM
PRF 10	Double Radius Concave Knives PRF 10		FCP	FCM
PRF 20	Double Back - out in Knives PRF 20		FCP	FCM
PRF 45	Double Bevel Knives PRF 45		FCP	FCM

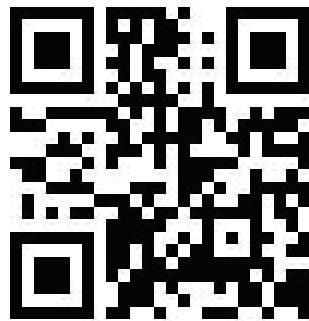
Knife Holders and Profiling Inserts

SPECIFICATION

Profiling knife for mounting into dovetail slots for cutterheads FCD, S&P, FCM

PRFD	Knife Hold for Double Back-out		FCM	FCD	S&P
PRFR	Knife Hold for Radius Cocove R3		FCM	FCD	S&P
PRFL			FCM	FCD	S&P
PRFRV	Knife Hold for V - Groove		FCM	FCD	S&P
PRFLV			FCM	FCD	S&P

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