



# 外徑中心出水車刀架

Centre coolant Fed Clamp Tool Holder

雙向直噴水孔系列 Two-way direct injection water hole series

**全球獨步下壓板引導式水孔**

Globally stepped down platen-type water hole

**美國發明專利 U.S. patent**



**最小30Bar 最大300Bar**

可由刀架側面及刀架下方皆可接入高壓水管

High pressure water pipes can be accessed from the side of the tool holder or under the tool holder

更多規格詳見第D06~D17頁  
Reference Page-D06~D17

近距離噴射中心出水，強效降低切削所產生的熱能，高壓出水加強斷屑效果，使排屑順暢避免捲屑問題，中心銷精準定位，大壓板加強固定，可承受輕、中、重切削加工，尺寸穩定

Close-range center jetting water strengthen the heat energy generated during cutting, high-pressure effluent strengthens the chip breaking effect, smoothing the chip removal and avoiding the problem of chipping, screw of shim precise positioning, large clamp to strengthen and precision positioning for light cutting, medium cutting, heavy cutting.

**出水水壓排屑實測**  
Chip Removal Condition

工件材質：SCM440  
Working material  
切削條件：S：1800  
Cutting condition f：0.25  
ap：0.5

**5Bar**



切屑不安定、斷屑不佳  
易造成捲屑，刀尖磨損  
加工壽命不理想。

Chips are unstable and chip breaking is not good.  
Easy to cause curling and tip wear.

**90Bar**



斷屑表現優良，切屑順暢穩定  
不易捲屑，降低切削熱能  
刀片加工壽命延長。

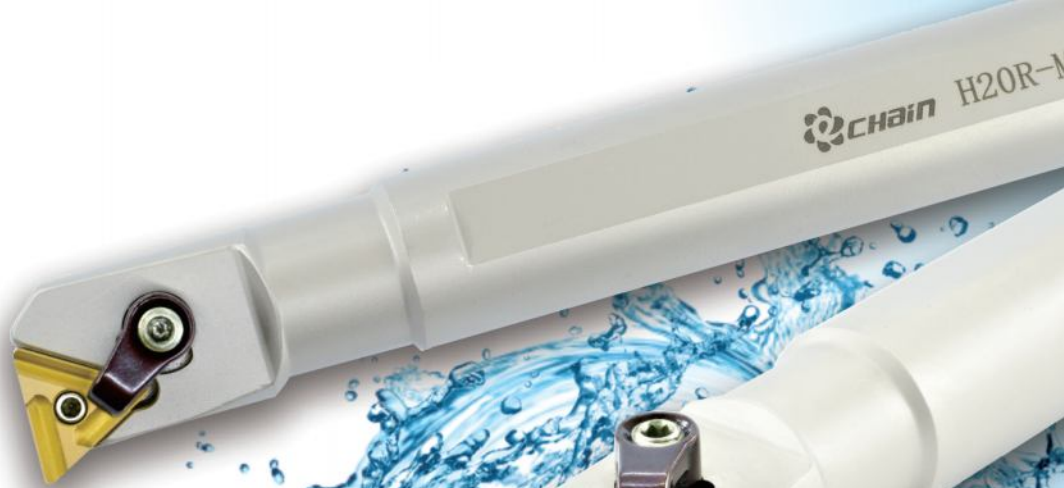
Excellent chip breaking performance, smooth and stable chips, not easy to roll, reduce cutting heat Insert's processing life is extended.



更多新品情報都在益詮官方網站







**可四倍抗震!!**  
It's Quadruple Seismic Performance

**中心出水方式設計**  
Central Coolant Design

**MTUN series**

**模具鋼抗震刀柄中心出水系列**

Alloy Tool Steel Shank Central coolant With Oil Hole Series

**壓板固定式出水內徑車刀**

**Top Clamping Coolant Boring Bar**

中心出水加強冷卻降溫及排屑效果，有效提升刀片加工壽命

Strengthen the cooling and chip removal effect. Improve insert processing life efficiently.

更多規格詳見第H56頁  
Reference Page-H56



- TNMG160404L-GS-ECP100
- TNMG160404R-GS-ECP100
- TNMG160408L-GS-ECP100
- TNMG160408R-GS-ECP100

- 適用材質 Processing on
- 鋼** Steel
  - 不鏽鋼** Stainless Steel
  - 鑄鐵** Cast Iron

更多最新動態情報都在益詮官方粉絲團







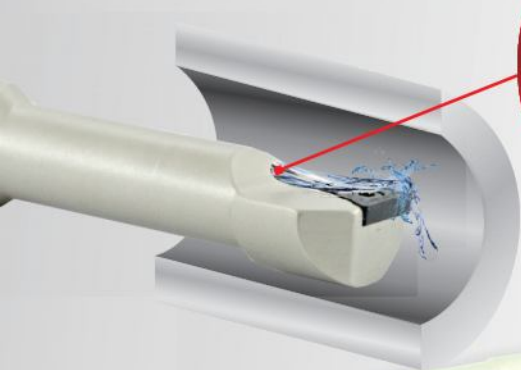
SCLC四倍抗震刀柄系列

SCLC quadruple shock resistance boring bar series

# 中心出水式 內徑車刀架

Boring Bar with **Coolant Hole Set**

**刀桿中心出水孔設計**  
Coolant Hole Design



更多規格詳見第H14頁  
Reference Page-H14



High rigid SKD61 material, central coolant, strengthen the cooling and chip removal effect, improve insert processing life effective.

**CCMT060204-JO-ECP300**

適用材質  
Processing on

**合金鋼**  
Alloy Steel

高鋼性SKD61材質，中心出水方式，加強冷卻及切屑清除，提高加工效率。

更多新品影片都在益詮官方頻道





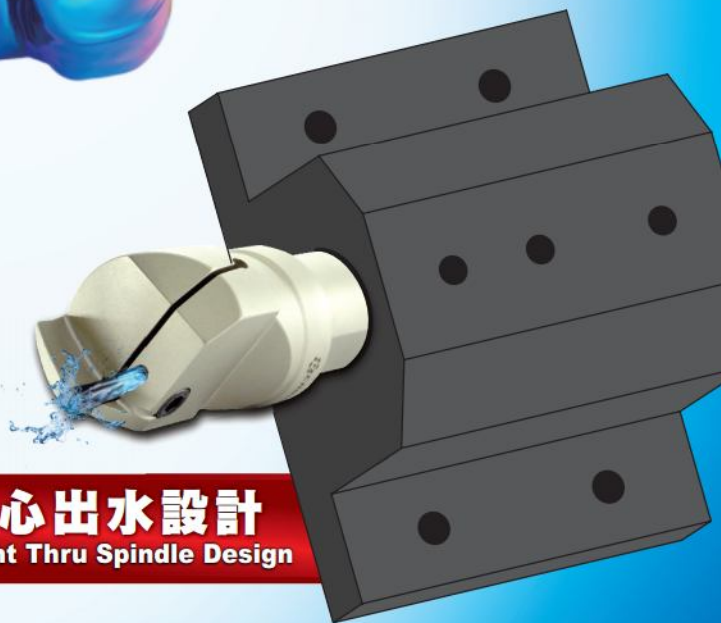


**專利新品**  
Patent new product

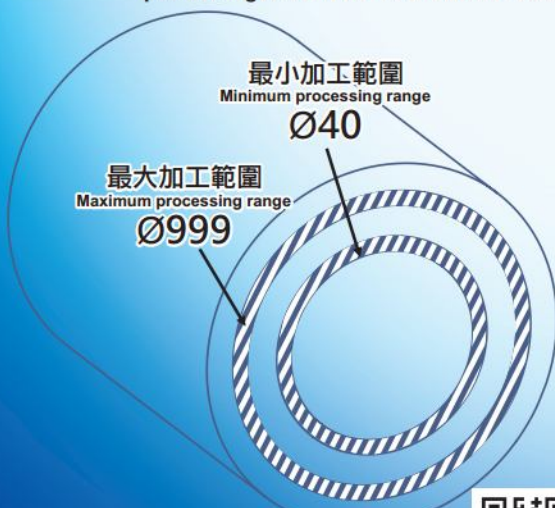
更多規格詳見第108~109頁  
Reference Page-I08~I09

## HOCR series 出水端面切槽刀架 Coolant Face Grooving

不用拆裝刀座，可快速定位使用，可做內徑端面切槽  
Don't need to dismounting the tool block, it on making can faster positioning to use can make internal face grooving.



**中心出水設計**  
Coolant Thru Spindle Design



**不必再費時拆刀座了!!**

No need to waste your time dismantle the tool block!!

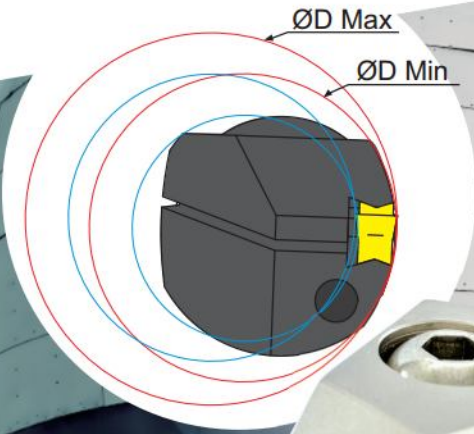
更多新品情報都在益詮官方網站







益詮切削刀具



# 內徑出水端面淺槽刀

Internal Shallow Grooving With Coolant

## HOSR系列 Series

- 可進行深度淺槽加工
- 特殊出水設計
- 有效加強排屑效率
- 提升刀片加工壽命
- 降低加工成本

Deep processing in a shallow slot, special design of coolant. Effectively enhance chip disposal Improve the processing life of insert keep the processing cost down.



**刀片刃口專業設計** 達到加工表面平坦的效果

Professional design of the cutting edge Achieve smooth surface finish

特殊的後刀面結構使切削阻力降低20%，減少振動，進一步提高加工表面精度！特殊的刃口設計可針對機床剛性要求，可適用於小功率機床

The special flank structure reduces the cutting resistance by 20%, reduces vibration and further improves the surface precision! special cutting edge design for machine rigidity requirements, suitable for low power machines.

適用材質  
Processing on

鋼  
Steel

不鏽鋼  
Stainless Steel

鑄鐵  
Cast Iron

更多規格詳見第I13頁，Reference Page-I13

更多最新動態情報都在益詮官方粉絲團





更多規格詳見第G05~G16頁  
Reference Page-G05~G16



## 微小徑內徑車刀桿 Tiny Carbide Boring Bar

適用於專業醫療設備、電子、化學及工業等精密細小零件之製造加工

Apply on manufacturing and processing of precision small parts such as professional medical equipment, electronics, chemicals and industry.

- ✓ 微小徑內徑鎢鋼車刀柄採用全鎢鋼刀體，有效抑制加工震動  
Tiny carbide boring bar adopts a full carbide cutter body to effectively suppress the processing vibration.
- ✓ 採用超細粒子硬質合金AlTiN塗層，增加刀具耐磨耗性  
Ultra-fine particle cemented carbide AlTiN coating for increased tool wearability.



- ✓ 微小徑設計有利於狹小孔徑空間工件之切槽、仿形及倒角等加工需求  
The micro-diameter design is beneficial to the processing requirements of cutting, copying and chamfering of workpieces in narrow apertures.
- ✓ 提供精確的加工精準度和良好表面光潔度  
Provides precise machining accuracy and good surface finish.

搭配 **SHB** 專用套筒  
With SHB Series Dedicated Sleeve

達到精確快速定位  
for precise and fast positioning



更多新品影片都在益詮官方頻道



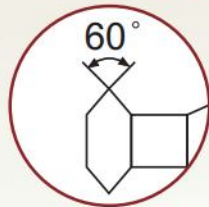
# V型鳩尾槽銑刀

## V-Type Chamfer Cutter

特殊倒角加工刀具，雙刃鳩尾設計，可滿足各種角度的倒角需求，有效減少加工時間及刀架成本

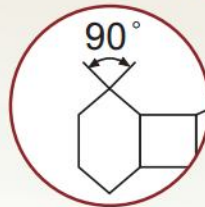
Special chamfering tool, double-edged and tailed design, it can meet various angle chamfering requirements, effectively reducing machining time and tools costs.

### CR系列



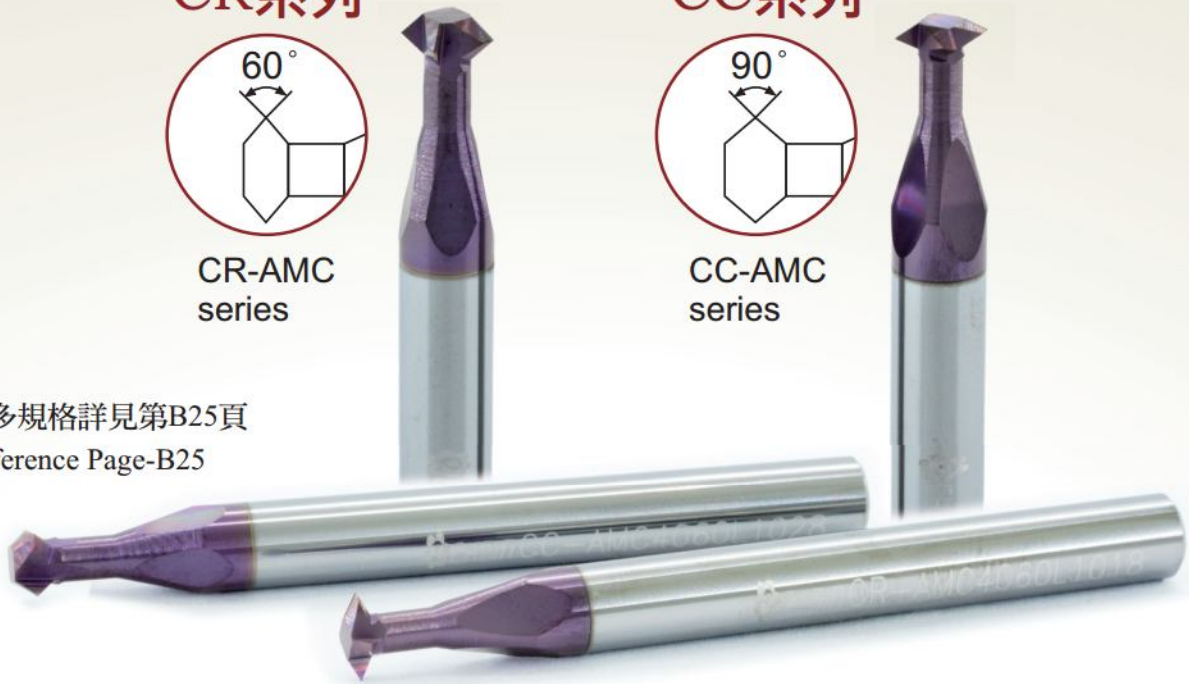
CR-AMC series

### CC系列



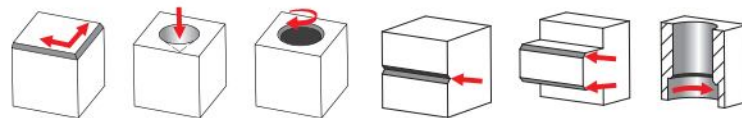
CC-AMC series

更多規格詳見第B25頁  
Reference Page-B25

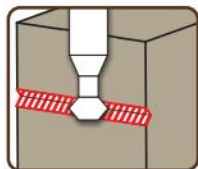


適用材質 Processing on

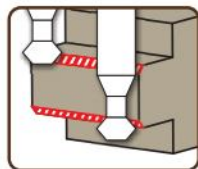
<b>合金鋼</b> Alloy Steel	<b>不鏽鋼</b> Stainless Steel	<b>鑄鐵</b> Cast Iron
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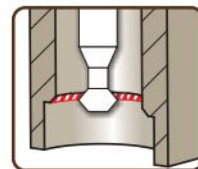
側面倒角加工  
Side Chamfering



背面倒角加工  
Back Chamfering



側面V槽加工  
Side V Groove Processing



更多新品情報都在益詮官方網站







更多規格詳見第B15頁  
Reference Page-B15

# 3刃圓溝 3離隙

For Aluminum Alloy 3 Flutes Rounded Land triple Edge End Mill

MU3-JMA3000 Series 鋁用立銑刀



50°螺旋角  
50° Helix angle

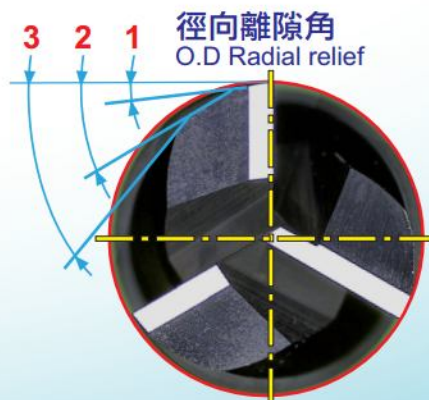
圓溝拋光  
Round land with full polishing



適用材質 Processing on **鋁合金** Aluminum **銅** Copper

刃口採3離隙研磨，提升切削性能，有更良好的加工表面，圓溝全拋光處理，有效抑制加工產生熱能，使斷屑穩定、排屑順暢，延長加工時間壽命。

Cutting edge with three relief grinding, it can improve cutting performance also superior processing surface, round land with full polishing, reducing heat energy from processing effectively, smooth chip removal, stable chip breaking increase cutting tools processing life.



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更多規格詳見第B51頁  
Reference Page-B51



# 不等分割不等螺旋

3 Flutes Unequal Spiral & Unequal Division Seismic

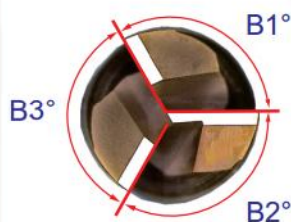
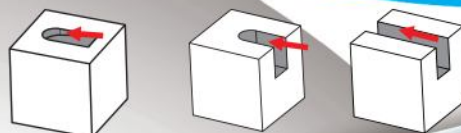
## 3刃抗震鎢鋼銑刀

Performance Carbide End Mill

**MUH-IPM3000L1** 系列  
series



不等螺旋 Unequal Spiral  
 $A1^\circ \neq A2^\circ$



不等分割 Unequal Division  
 $B1^\circ \neq B2^\circ \neq B3^\circ$

合金鋼  
Alloy Steel

碳鋼  
Carbon Steel

專用特殊塗層  
Special Coating for

不等角分割利於高速進給加工抗震性，不等螺旋角利於高速加工抗崩裂性  
特殊U型溝槽設計，刀刃採用分割角及螺旋角不相等  
改變每刃進給量，使每刃的銑削波形不再相同  
可有效抗震獲得高質量的加工表面，插銑加工時排屑優良

Unequal division facilitates high-speed feed machining shock resistance.  
Unequal helix angle facilitates high speed machining resistance to chipping.  
Special U-shaped groove design, the cutting edge adopts the division angle and the spiral angle are not equal.

Change the feed per edge so that the milling waveform for each edge is no longer the same.  
It can effectively reduce or avoid the cutting vibration pattern when the tool is side milling.  
Conducive to high quality machining surfaces and improved tool life.

加大容屑槽於銑削加工時排屑更優良 Which is good chip removal during plunge milling



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合金鋼及碳鋼 專用特殊塗層

Alloy Steel vs. Carbon Steel Special Coating for



**MUH-IPM Series**

更多規格詳見第B50頁

Reference Page-B50

## 不等分割不等螺旋

4 Flutes Unequal spiral & Unequal division Carbide End Mill

### 4 刃鎢鋼立銑刀

不等角分割利於高速進給加工抗震性，不等螺旋角利於高速加工抗崩裂性  
 刀刃採用分割角及螺旋角不相等，改變每刃進給量，使每刃的銑削波形不再相同  
 可有效降低或避免刀具進行側銑時的切削震動紋路  
 有利於獲得高質量的加工表面和提高刀具壽命  
 特殊U型溝槽設計，利於插銑加工時排屑優良，減少工件產生端口毛刺

Unequal division facilitates high-speed feed machining shock resistance.  
 Unequal helix angle facilitates high speed machining resistance to chipping.  
 The cutting edge adopts the division angle and the spiral angle are not equal.  
 Change the feed per edge so that the milling waveform for each edge is no longer the same.

It can effectively reduce or avoid the cutting vibration pattern when the tool is side milling.

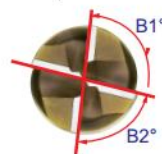
Conducive to high quality machining surfaces and improved tool life.

Special U-shaped groove design, which is good for chip removal during plunge milling.

Reduce workpiece generation port burrs.

不等分割  
Unequal Division

$B1^\circ \neq B2^\circ$



不等螺旋  
Unequal Spiral

$A1^\circ \neq A2^\circ$



不等螺旋  
Unequal Spiral

$A1^\circ \neq A2^\circ$

不等分割  
Unequal Division

$B1^\circ \neq B2^\circ$



**MUH-FPM**

更多規格詳見第B52頁

Reference Page-B52

## 圓溝不等分割不等螺旋

Round land Unequal Spiral Unequal Division 4 Flutes Carbide End Mill

### 4 刃鎢鋼立銑刀

螺旋角採用38°/35°設計

Helix angle 38°/35°







**CHAIN**<sup>®</sup>  
益詮切削刀具



# 不等分割不等螺旋非圓溝圓鼻 4 刃鎢鋼立銑刀

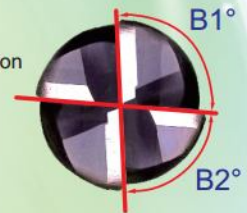
Unequal Division & Unequal Helix Angle Without Rounded Land  
4 Flutes Corner Radius Carbide End Mill



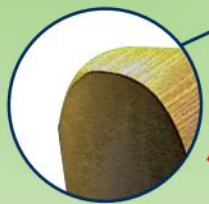
B1°  
不等分割 Unequal Division  
 $B1^\circ \neq B2^\circ$

不等螺旋 Unequal Spiral  
 $A1^\circ \neq A2^\circ$

不等分割 Unequal Division  
 $B1^\circ \neq B2^\circ$



特殊設計  
Special design



**PH-FPR series**

**合金鋼及碳鋼**

Alloy Steel vs. Carbon Steel

**專用特殊塗層**  
Special Coating for

更多規格詳見第B62頁  
Reference Page-B62



**PH-FMR series**

適用材質  
Processing on

**合金鋼**  
Alloy Steel

**不鏽鋼**  
Stainless Steel

**鑄鐵**  
Cast Iron

更多規格詳見第B61頁  
Reference Page-B61



可保護圓鼻刀刀尖  
It can protect the top of Radius tip

不等刃分割、不等螺旋圓鼻銑刀，可有效抑制加工所產生的震動

減少刀具因震動的崩損，更有優良的加工表面，提升刀具使用時間壽命

The design of unequal flute division end mill can improve vibration generated during processing,

it also reduce the damage of vibration, the PH-FMR series corner radius end mills make

the material with excellent surface also enhance the end mills life.

更多最新動態情報都在益詮官方粉絲團







**CHAIN**  
益詮切削刀具



**EJ** 系列  
Series



**切深大範圍**  
The Wide Range Of Deep Cutting



**APMT1604PDER-J2-ECM100**

適用材質  
Processing on

**鋼**  
Steel

**不鏽鋼**  
Stainless Steel

**鑄鐵**  
Cast Iron

# 捨棄式粗銑刀

## Disposable Roughing Milling Cutter

可替換捨棄式銑刀，刀片通用各知名品牌刀片，可節省刀具修磨訂製時間

Replaceable Disposable End Mill Cutter, compatible with different famous brand inserts, reducing the time of repairing the milling cutter.

更多新品影片都在益詮官方頻道





更多規格詳見第K07~K11頁  
Reference Page-K07~K11

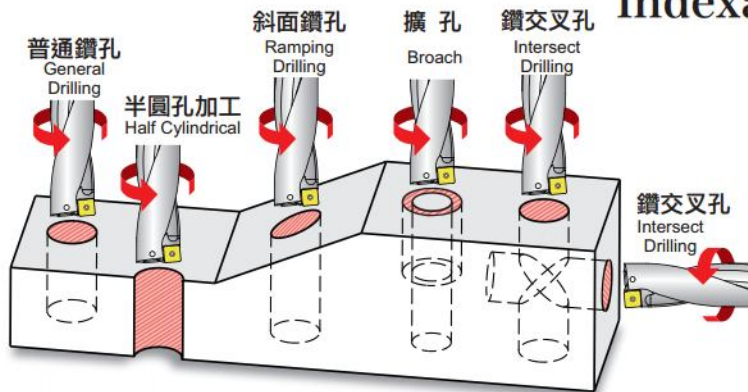
### 雙螺旋內冷孔

冷卻和潤滑效果更優  
鑽孔深度範圍更大  
Dual-helical coolant hole can make great drilling results.



- 良好的刀片安裝角度，切削過程震動小
- 鑽孔精度和表面質量更優
- 更大的容屑空間，良好的沖液角度
- 排屑更加流暢，高抗扭能力
- 全新表面處理的堅固鑽體
- 可承受更高的進給、效率更高

## SPGX series ———— 捨棄式快速鑽頭 Indexable Rapid Drill



Excellent insert pocket design,  
high drilling precision and low vibration  
during operation, more higher feeding  
operation, high torsional resistance  
and new finishing strong body can sustain.



SPGT Series Insert



SPMT Series Insert



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最超值的加工利器

更多規格詳見第A47~A48頁  
Reference Page-A47~A48



The latest three processing angle can be used also absolute bargain.

## CBN立方氮化硼刀片 Insert

具有高硬度，適用HRC50以上的熱處理高硬度鋼  
With high hardness, Suit on HRC50 heat treatmet high hardness steel, this is your best choice on processing.

全新三個加工刀刃  
史上最超值



### -1 C (1刃)

TNGA160404-1C-CBN100



### -2 C (2刃)

CCGT060202-2C-CBN100 • CCGT060204-2C-CBN100

CCGT09T302-2C-CBN100 • CCGT09T304-2C-CBN100 • CNGA120404-2C-CBN100

CNGA120408-2C-CBN100 • CNGA120412-2C-CBN100 • DCGW070202-2C-CBN100

DCGW070204-2C-CBN100 • DCGW11T304-2C-CBN100 • DCGW11T308-2C-CBN100

DCGW11T308-2C-CBN100



### -3 C (3刃)

TBGT060104-3C-CBN100 • TNGA160404-3C-CBN100

TNGA160408-3C-CBN100 • TPGW080204-3C-CBN100 • TPGW110302-3C-CBN100

TPGW110304-3C-CBN100 • TPGW110308-3C-CBN100 • VCGW160408-2C-CBN100

VCGW160404-2C-CBN100 • VNGA160404-2C-CBN100 • VNGA160408-2C-CBN100



適合硬質鋁合金加工

更多規格詳見第A49~A50頁  
Reference Page-A49~A50

Suit to process on hard aluminum alloy.

## PCD聚晶金剛石刀片 Insert

具有高硬度，超硬耐磨，適合加工硬質鋁合金  
With high hardness, wear resistant  
suit to process on hard aluminum alloy.



CCMT060202-1P-PCD100 • CCMT060204-1P-PCD100

CCMT09T302-1P-PCD100 • CCMT09T304-1P-PCD100 • CNMA120402-1P-PCD100

CNMA120404-1P-PCD100 • DCMT070202-1P-PCD100 • DCMT070204-1P-PCD100

DCMT11T302-1P-PCD100 • DCMT11T304-1P-PCD100 • TCMT110202-1P-PCD100

TCMT110204-1P-PCD100 • TNMA160402-1P-PCD100 • TNMA160404-1P-PCD100

TPMT110302-1P-PCD100 • TPMT110304-1P-PCD100 • VCMT160402-1P-PCD100

VCMT160404-1P-PCD100 • VNMT160402-1P-PCD100 • VNMT160404-1P-PCD100

更多最新動態情報都在益詮官方粉絲團





**EAPMD series**

**多刃型平面銑刀**

EAPMD Multi-Edge Type

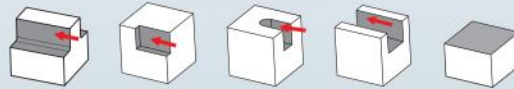
更多規格詳見第J29頁、Reference Page-J29

90度主偏角，刃口強化設計，提升抗崩損性能，適應各種不良工況，為廣泛切削加工使用  
90 degree lead angle. Cutting edge design, improves anti-bump performance. adapt to various adverse conditions, used for a wide range of cutting.



適用材質 Processing on **鋼** Steel **不鏽鋼** Stainless Steel **鑄鐵** Cast Iron

APMT1604DER-J2-ECM100



**TSP series**

**T型槽端銑刀**

更多規格詳見第J37~J38頁、Reference Page-J37~J38

T Type Groove End Mill

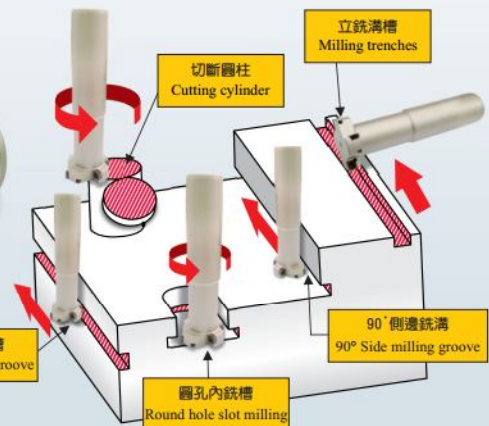
可替換式T型槽刀，節省刀具更換時間和回磨成本，刀片為SPGT快鑽刀片系列，可通用性減少庫存成本

Replaceable T type slot, save the change tool time and back to grinding cost. Insert same with SPGT rapid drill insert, it is versatility and save the insert cost.



為加工機工作床台T型槽加工設計專用刀具  
可大範圍切削工件，節省加工時間成本

The special design of T-slot end mill is for working on Workbench table, it can cut workpiece with large range and save processing time cost.



**TE series T型溝槽銑刀**

更多規格詳見第J38頁  
Reference Page-J38

內孔溝槽銑刀，加工槽寬彈性大  
Bore trench End Mill / Flexible processing range.



全長 125  
O.A.L

頭部長 24  
The length of head

切深範圍 2~3  
The range of Cutting depth

槽寬範圍 1~3  
The width of notch

頭部長  
The length of head  
24



槽寬範圍  
The width of notch  
1~3

切深範圍 2~3  
The range of Cutting depth

加工直徑  
Processing diameter

EC16R300-R02-BEJ750

適用材質 Processing on **合金鋼** Alloy Steel **不鏽鋼** Stainless Steel **鑄鐵** Cast Iron





**EAPMC series end mill**

**鎖牙式銑刀**

更多規格詳見第J17頁，抗震刀桿規格詳見第J48頁  
Reference Page-J17, Arbor Refer Page-J48

Exchangeable Head End Mill

- 鎖牙式刀頭符合國際標準規範，通用性廣泛。
- 可搭配鈹鋼抗震刀桿，提升加工效率。
- 可延長加工深度及優化加工面粗糙度。
- 具快速更換刀具、拆裝方便，節省換刀時間。
- 備有各品牌銑刀片，專用鎖牙式銑刀頭，使用彈性高。

Exchangeable head end mill in line with international standards and Versatile.  
It can fit with carbide arbors, improve processing efficiency.  
It can extend the processing depth and improve the rough surface.  
Remove and replace easily, it also save the time to change the tool.  
ECHAINTOOL has stock in different brand milling inserts for our tools and they can fit our exchangeable head end mill, they are high elasticity.



**SR series**

**鎖牙式捨棄式球頭銑刀**

詳細規格請見第J42頁，抗震刀桿規格詳見第J48頁  
Reference Page-J42, Arbor Refer Page-J48

SR Series Head End Mill

Inserts Details : Limited sales for some area

刀片精密研磨，尺寸精準，擁有兩個使用刀角，快速換刀節省刀具替換時間，搭配鈹鋼刀桿抑制加工震動，提升加工效能及良好加工表面

Exchangeable head end mill, inserts grind precisely and have accurate measurements, insert can be use two sides, replace inserts rapidly can improve tool life, suitable for carbide tool and reducing vibration during processing, enhance cutting efficiency and having excellent processing surface.

適用材質 Processing on

- 鋼 Steel
- 不鏽鋼 Stainless Steel
- 鑄鐵 Cast Iron



SR-16-R8

XPHT16R0803-BEJ857



SR-20R-R10

XPHT20R10T3-BEJ857



**EDRDH series**

**RD 鎖牙式端銑刀**

詳細規格請見第J46頁，抗震刀桿規格詳見第J48頁  
Reference Page-J46, Arbor Refer Page-J48

RD Exchangeable Head End Mill

圓刃鎖牙式端銑刀，可適用於曲面、仿形及模具加工，可快速拆裝、定位精準。

The round edge exchangeable end mill can be used for surface, profiling and mold processing, also can be quickly disassembled and positioned accurately.

RDKW0702MP-BEJ757

適用材質 Processing on

- 鋼 Steel
- 不鏽鋼 Stainless Steel
- 鑄鐵 Cast Iron





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<b>A</b> 刀片 INSERT	<b>不鏽鋼 M-STAINLESS STEEL</b> ECM200 / BE4875 / BEJ750 <b>鑄鐵 K-CAST IRON</b> ECK200	<b>一般鋼 P-STEEL</b> ECP200 / ECP300 <b>半陶瓷 P-STEEL</b> BQW706 / BQJ606F / W35 / BQJ606	
<b>B</b> 鎢鋼端銑刀 CARBIDE END MILL	<b>立銑刀 End Mill</b> EMM / GMM / MU-EMM / MU-GMM FM-CMM / RM-CMM <b>球頭銑刀 Ball Nose End Mill</b> EMB	<b>圓鼻銑刀 Corner RADIUS End Mill</b> DMR / DMR / PH-FMR / PH-FPR <b>鋁合金專用刀 For Aluminum Alloy End Mill</b> GMA / HMA / MU2-GMA / MU2-HMA / MU3-JMA	<b>不等分割/不等螺旋 Unequal Flute &amp; Helix</b> MUH-GMM / MUH-IMM / MUH-IPM / MUH-FPM <b>定位鑽 Position Drill</b> DR-DMC / DC-DMC / CC-AMC / CR-AMC
<b>C</b> 外徑車刀架 TOOL HOLDER	<b>E-Type壓板 E-type Series</b> <b>M-Type壓板 M-type Series</b> CN / DN / SN / TN / VN / WN / CC / DC / RC / SC / TC / TP / VB / VC / WC / ER / IR / MTT <b>S-Type螺絲鎖緊 S-type Series</b>		
<b>D</b> 外徑出水車刀架 TOOL HOLDER WITH COOLANT	<b>壓板式出水外徑車刀架 Coolant Fed Clamp Tool Holder</b> HCKN / HCLN / HCMN / HCRN / HDJN / HDNN / HDQN / HSBN HSDN / HSKN / HSSN / HTEN / HTFN / HTGN / HTQN / HVJN / HVQN / HVVN / HVVN / HWLN	<b>外徑出水車刀架 Tool Holder With Coolant</b> ECKN / ECLN / ECMN / ECMN-A / ECRN / EDNN / EDJN / EDQN / ESBN / ESDN / ESKN / ESSN / ETEN / ETFN / ETJN / ETJN-A / ETQN / ETXN / EWLN <b>外徑出水切斷刀架 External Grooving Holder With Coolant</b> EZH / EGYH	
<b>E</b> 走心式車刀架 AUTOMATIC LATHES	<b>走心式車刀架 Automatic Lathes</b> SCAC-N / SCLC-N / SDAC-N / SDJC-N / STAC-N / ETJN / SVKB / SVKC / SVKC(B)-N / SE-N <b>走心式切斷刀車刀架 Grooving Tool Holder For Antomatii Lathes</b> EZH		
<b>F</b> 手工具 HAND TOOLS	<b>手工具 Hand tools</b> SRAP / SRDP / SRGP / SRDC / SS10C / SS15C / SS20C / SS26C / SS30C / SS45C / SS90C / SS10P / SS20P / SS26P / SS30P SS45P / SS60P / SS90P / SP02R / STCC / ST10C / ST20C / ST30C / ST40C / SVVC / SV30C / SV50C / SV60C / SV80C / SV90C 2VCVN		
<b>G</b> 微小徑內徑鎢鋼車刀 TINY CARBIDE BORING BAR	<b>微小徑內徑鎢鋼車刀 Tiny Carbide Boring Bar</b> GP_R / GQ_R / GT_L / GU_R / GX_R / GW_R / GV_R / GG_Q / GK_R / GF_R / GF_L / GD_R / GZ_R		
<b>H</b> 內徑車刀架 BORING BAR	<b>E-Type壓板 E-type Series</b> <b>M-Type壓板 M-type Series</b> CC / CP / DC / SC / TC / TB / TP / VB / VC / WB / WC / CN / DN / SN / TN / VN / WN / ER / IR <b>S-Type螺絲鎖緊 S-type Series</b>		
<b>I</b> 切斷刀架 GROOVING	<b>內徑開槽刀架 Internal Grooving</b> ECZ / HOZR / ECDG <b>外徑淺槽刀架 External Grooving</b> EWC	<b>外徑切斷刀架 External Grooving</b> EZH / EGHGR / ETGDR / EDGRT / EDGH / EGEHR / EGYH <b>端面淺槽切斷刀 External Shallow Grooving</b> EHH / HOSR	<b>端面刀架 Face Grooving</b> HOGR / EZG <b>外徑切斷刀板 Blade For Parting Off</b> EIH / EBU
<b>J</b> 銑刀 END MILL CUTTER	<b>方肩銑削 Shoulder Face Milling Series</b> EAX20-O / EAX20 / EAX30-O / EAX30 / EAPMC EAPMC / EAPMD / E90AP / EM90AP / ED90AP EAP / SAE / EAX / EAPMD / EM90AP16 / EJ / EX90 / ESP400 / EASX400	<b>平面銑削 Surface Milling Series</b> SE50 / S45SE / EC <b>銑槽 Mortising Series</b> TS / TSP / TE / SC / SCT	<b>多功能銑削 Multi-Function Milling Series</b> TM45° / TM60° / TC45° <b>仿形銑削 Profile Milling Series</b> SR / EDRD / EDRDH RD / ERDHA0R0 / EC00M / EZC
<b>K</b> 快速鑽頭 RAPID DRILL	<b>SPGX系列 SPGX Series</b> SPGX2D / SPGX3D / SPGX4D	<b>EDX系列 EDX Series</b> EDX2D / EDX3D / EDX4D	<b>WCMX系列 WCMX Series</b> WCMX2D / WCMX3D / WCMX4D
<b>L</b> 機床配件 MACHINE ACCESSORIES	<b>搪孔刀 Boring Tool</b> BJ <b>內孔刀具定位座 Lathe Quick Center Block</b> ETHR	<b>中心鑽刀桿 Centre-drill Holder</b> ECH <b>套筒 Sleeve</b> SHB / EHR / EHR-O / EHRMT	<b>ER配件系列 ER Series</b> ER夾頭柄 ER Collet Chuck EKA EC-ER筒夾螺母 EC-ER Collet Nut EC-ER ER扳手、筒夾 ER Wrench、Collet ER