



Vol.7  
**產品總覽**  
Mini Catalog

Since 1992

# 與時俱進 先端製造

## Keep Up With The Times & Proactive Advanced Manufacturing

正河源股份有限公司創立於西元1992年，經營方針致力於CNC加工中心機週邊工具及切削刀具，近年因應切削市場需求公司投入更多資源建立完善營運環境及先端製造設備，為機械加工業者提供更優質的產品品質及加工效率提升。在研發方向著重於未來智能化製造相關週邊工具及切削刀具，人力資源投入方面結合科技大學共同培育未來切削領域專業人才，在資源投入方面包括8250平方米現代辦公大樓及自動化製造廠區，歐洲日本生產設備及檢驗設備等。因應未來科技發展高溫合金及非鐵金屬材料應用於各產業，正河源經營團隊展現Cutting Edge Solution 快速解決客加工需求的專業與服務熱忱，持續研發生產高效能切削刀具為機械加工業者提供最佳服務。

### Proactive Advanced Manufacturing

Chain Headway was founded in 1992 to develop and produce cutting tools and accessories for CNC machining centers. Our company has developed over the years to provide a stable production environment with advanced R&D and manufacturing capabilities.

This is designed to provide cutting edge products and more efficient materials processing solutions for various types of industries. Our investment in R&D helps us to deliver the latest materials processing solutions for intelligent manufacturing to our customers.

- We are partnered with the University of Science & Technology developing a group of future Cutting professionals.
- We have a new 8250 square meter production facility which combines our office buildings with automated production facilities.
- Our production and inspection equipment is sourced from Japan and Europe to maintain the best possible quality and efficiency.

Industry processing challenges are constantly evolving with the development of high temperature alloys and composite materials. Our management team is proactively addressing these evolving materials processing requirements to rapidly develop & provide customers with the latest material processing solutions and the best possible customer service.



正河源



正河源機械配件有限公司  
CHAIN HEADWAY MACHINE TOOLS CO., LTD.

CHAIN HEADWAY

CHAIN HEADWAY

# 我們堅持嚴格的製作流程

## We Insist on Rigorous of Every Procedures

我們不只是銷售產品給您，而是透過我們專業的技術與知識幫助您！

We not only sell you products but also assist you by using our specialized techniques and knowledge!

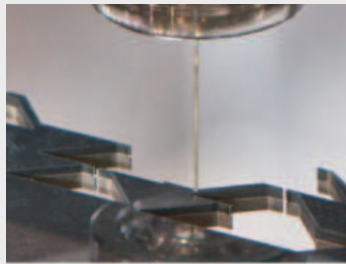
因應各式各樣的加工需求，我們的產品線包含刀桿、切削刀具、刀片與輔助工具，且在細節的注重上，我們說一不二。正河源的重要使命是為了解決顧客的需求，隨時做好溝通與協助的準備是不可或缺的。為了使命，不論是製造或是檢驗都設有嚴格的檢驗流程與標準。正河源隨時為您提供多樣化的產品線與親切友善的專業人員。To address process needs of all kinds, our product range includes tool holders, cutting tools, inserts, and aid tools. Also, we never compromise when it comes to attention to detail. The important task of CHAIN HEADWAY is to address customers' needs, to which end, good communications and being ready to assist are essential. To fulfill this task, rigorous inspection procedures and standards are in place in terms of both manufacture and inspection. At CHAIN HEADWAY, a diverse range of product and kind professionals are always available.

1



刀片基座 / PCD 毛胚  
Tool base/PCD Blank

2



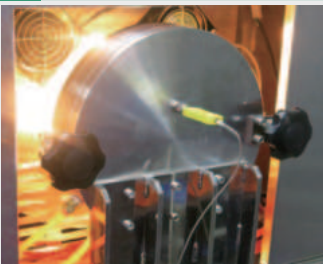
切割  
Cutting

3



焊接  
Welding

4



真空焊接  
Vacuum welding

5



研磨  
Grinding

6



檢驗  
QC

7



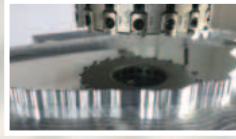
成品  
Finished Product



# 切削系列

## Cutting Tools Series

單晶  
鑽石刀片  
Monocrystalline  
Diamond Insert

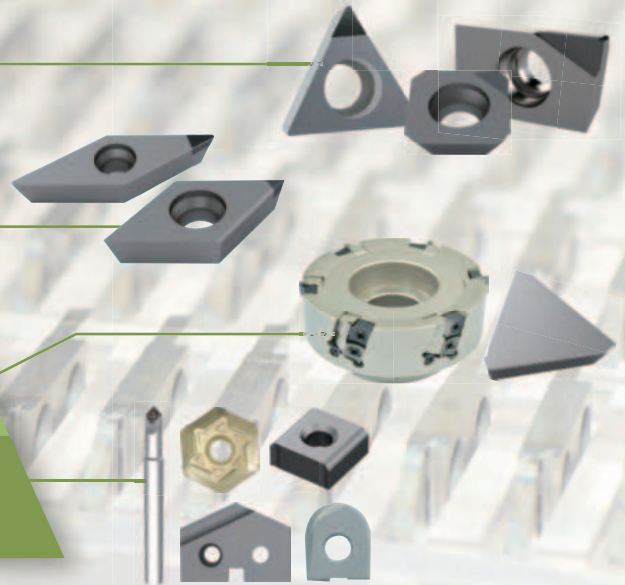


PCD刀片  
PCD Insert

PCBN刀片  
PCBN Insert

金屬陶瓷刀片  
Cermet Insert

鎢鋼刀片  
Tungsten Carbide Insert



# 刀桿系列

## Tool Holder Series



提供各式**功能**刀桿，滿足各種需求  
Tool Holders with Various **Functionalities**

# 工具配件類 Tools & Equipment

熱風式加熱機  
Shrink-Fit Hot Air Heater



輕量型μ級校正儀  
Micron Grade Tool Presetter



精密型μ級校正儀  
Precision Micron Grade Tool Presetter



## 量身打造系統 CUSTOMIZATION

時間 + 效率 + 穩定 = 效益

TIME + EFFICIENCY + CONSISTENCY = BENEFIT & PROFIT

量身打造技術及設計以滿足您的特殊需求

Customized Solutions For Your Unique Needs



有效幫助改善  
生產流程  
Enhance your  
Production Process



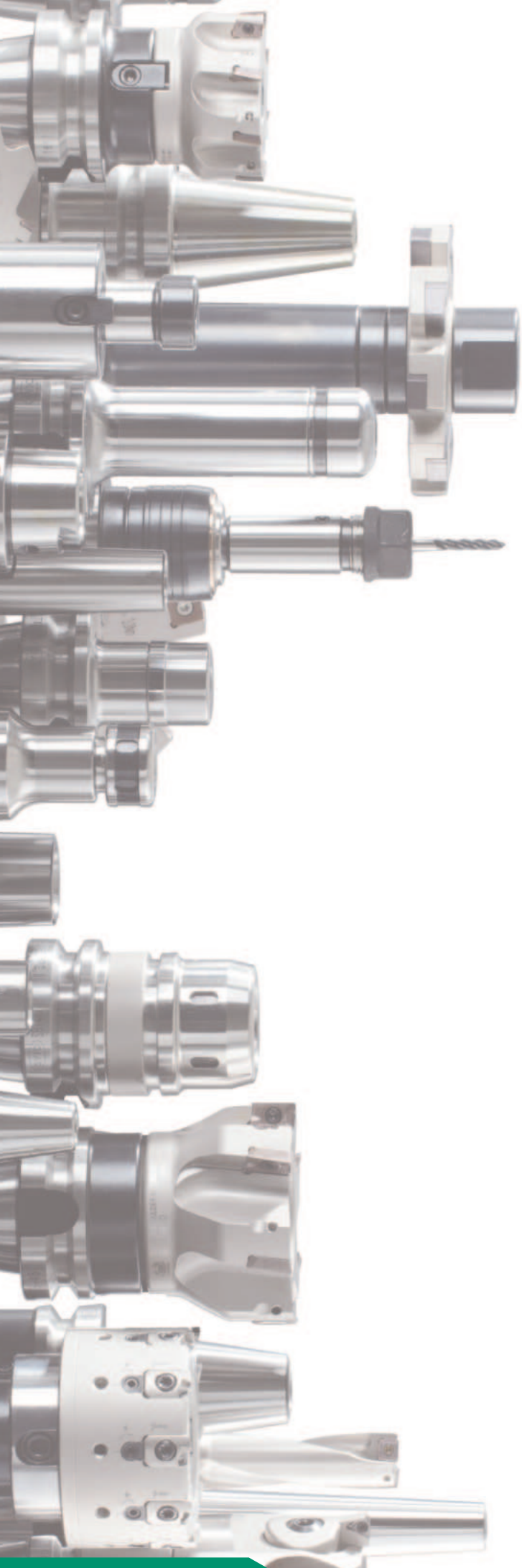
提升刀具壽命  
提升生產力  
Extend Tool  
Lifespan & Reduce  
Machining Costs



量產型規劃  
優化流程  
Optimize your  
Production  
Capacity




















65度V槽側銑刀  
SDC-100-FMB32-6



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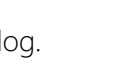
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	<b>SDQCR</b> 碳化鎢鋼內徑車刀架 Carbide Internal Turning Tool	A351		<b>BM/STUCR</b> 模組化內徑車刀 Modular Boring Bar Head	A366
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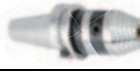


















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	<b>SFC</b> 直柄熱膨脹 (燒結式) 刀桿 Straight Shank SFC Shrink-fit Chuck	B408		<b>BT/SPU</b> 直結式鑽夾頭 Drill Chuck Holder	B432
	<b>BT/SKS</b> 高速機專用夾頭 Collet Chuck	B409		<b>BT/SPH</b> 強力型直結式鑽頭刀桿 Drill Chuck Holder Integrated Type	B433
	<b>BT/SKS-HS</b> 高速機專用夾頭 (無風阻) Collet Chuck(Non Wind Resistance)	B411		<b>BT/FMA</b> 平面銑刀柄 Face Mill Arbor(Type FMA)	B434
	<b>BT/LHC</b> 扭力型液壓刀桿 Torque Hydraulic Toolholder	B414		<b>BT/FMA-BG</b> 平面銑刀柄 (加長斜度柄) Face Mill Arbor(Extension Type)	B435
	<b>BT/OHER</b> 油路刀把 Oil Hole Collet Chuck	B415		<b>BT/FMA-BROTHER</b> 平面銑刀柄 (削平兩端輕量型) Face Mill Arbor (Lightweight Type With Two Flat Sides)	B435
	<b>BT/OHER(20Bar)</b> 油路刀把 Oil Hole Collet Chuck	B415		<b>BT/FMB</b> 平面銑刀柄 Face Mill Arbor(Type FMB)	B436
	<b>BT/OSL</b> 側固式油路刀把 Side Lock Oil Hole Collet Chuck	B416		<b>BT/FMB-BG</b> 平面銑刀柄 (加長斜度柄) Face Mill Arbor(Extension Type)	B437
	<b>ST-18</b> 定位塊 Fixed Block	B417		<b>BT/SCA</b> 側銑刀柄 Side Cutter Adapter	B438
	<b>BT/EOC</b> 立銑刀夾頭 Collet Chuck	B418		<b>BT/SLN-JIS</b> 側固式立銑刀柄 (JIS 型) Side Lock End Mill Holder(JIS Type)	B439

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## BT Tooling System 刀桿系列

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 三件式校刀組 ATC Alignment Three-piece Tool Set	B442
 <b>BT</b> 素材刀桿 BT Blank	B444
 主軸檢測棒 Spindle Master Bar	B444

## SBT Tooling System 雙面拘束刀桿系列

產品 Product	頁數 Page
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 <b>SBT/SFCT</b> 法蘭加厚型 (雙面拘束) 熱膨脹刀桿 Dual DRIVE Shrink Fit Chuck	B448
 <b>SBT/SFC</b> 法蘭加厚型熱膨脹刀桿 Dual DRIVE Shrink Fit Chuck	B450
 <b>SBT/SFC</b> 法蘭加厚型熱膨脹刀桿 (CUL 威力曲線型) Dual DRIVE Shrink Fit Chuck CUL Type <span style="color: red;">NEW</span>	B453
 <b>SBT/SKS</b> 法蘭加厚型 (雙面拘束) 高速機專用夾頭 Dual DRIVE Collet Chuck	B454
 <b>SBT/SKS-HS</b> 法蘭加厚型 (雙面拘束) 高速機專用夾頭 (無風阻) Dual DRIVE Collet Chuck(Non Wind Resistance)	B456
 <b>SBT/MLK</b> 法蘭加厚型 (雙面拘束) 強力銑削夾頭 Dual DRIVE Force Collet Chuck	B458
 <b>SBT/PNER</b> 法蘭加厚型 (雙面拘束) 立銑刀夾頭 Dual DRIVE Collet Chuck	B459
 <b>SBT/Pro.E</b> 筒夾式刀桿 (雙面拘束) Dual DRIVE Collet Chuck	B461
 <b>SBT/ER</b> 法蘭加厚型 (雙面拘束) 立銑刀夾頭 Dual DRIVE Collet Chuck	B463
 <b>SBT/FMA</b> 法蘭加厚型 (雙面拘束) 平面銑刀柄 Dual DRIVE Face Mill Arbor(Type FMA)	B465
 <b>SBT/FMB</b> 法蘭加厚型 (雙面拘束) 平面銑刀柄 Dual DRIVE Face Mill Arbor(Type FMB)	B466
 <b>SBT/FMC</b> 法蘭加厚型平面銑刀柄 Dual DRIVE Face Mill Arbor(Type FMC)	B467
 <b>SBT/MTA</b> 法蘭加厚型 (雙面拘束) 斜柄鑽頭套筒 Dual DRIVE Morse Taper Adapter	B468
 <b>SBT/MTB</b> 法蘭加厚型 (雙面拘束) 斜柄鑽頭套筒 Dual DRIVE Morse Taper Adapter	B469
 <b>SBT/SCA</b> 法蘭加厚型 (雙面拘束) 側銑刀柄 Dual DRIVE Side Cutter Adapter	B470
 <b>SBT/SLN-JIS</b> 法蘭加厚型 (雙面拘束) 側固式立銑刀柄 Dual DRIVE Side Lock End Mill Holder <span style="color: red;">NEW</span>	B471
 <b>SBT</b> 主軸精密標準棒 Spindle Master Bar <span style="color: red;">NEW</span>	B472
 <b>SBT/SOM</b> 鎖牙式刀桿 Screw-on End Mill Holder	B474

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## DAT Tooling System 刀桿系列

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 <b>DAT/ER</b> 立銑刀夾頭 Collet Chuck	B477
 <b>DAT/SPU</b> 直結式鑽夾頭 Drill Chuck Adapter	B479
 <b>DAT/MTA</b> 斜柄鑽頭套筒 Morse Taper Adapter	B480
 <b>DAT/MTB</b> 斜柄鑽頭套筒 Morse Taper Adapter	B480
 <b>DAT/FMA</b> 平面銑刀柄 Face Mill Arbor(Type FMA)	B481
 <b>DAT/FMB-BG</b> 平面銑刀柄 (加長斜度柄) Face Mill Arbor(Type FMB)	B481
 <b>DAT/FMB</b> 平面銑刀柄 Face Mill Arbor(Type FMB)	B482
 <b>DAT/SLN</b> 側固式立銑刀柄 Side Lock End Mill Holder	B483
 <b>DAT/NBH&amp;BST</b> 搪孔刀柄 Boring Head Shank	B484
 主軸檢測棒 Spindle Master Bar	B485
 <b>DAT</b> 素材 DAT Blank	B485

## CAT&NT Tooling System 刀桿系列




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 <b>CAT/ER-M</b> 立銑刀夾頭 Collet Chuck	B486
 <b>CAT/SPU</b> 直結式鑽夾頭 Drill Chuck Holder	B486
 <b>CAT/SPH</b> 直結式鑽夾頭 Drill Chuck Holder	B486
 <b>CAT/JTA</b> 鑽夾頭刀柄 Morse Taper Adapter	B486
 <b>CAT/MTA</b> 斜柄鑽頭套筒 Morse Taper Adapter	B486
 <b>CAT/FMA</b> 平面銑刀柄 Face Mill Arbor(Type FMA)	B486
 <b>CAT/SLN</b> 側固式立銑刀柄 Side Lock End Mill Holder	B486
 <b>CAT/TG</b> 立銑刀夾頭 Collet Chuck	B486
 <b>CAT/ETP</b> 伸縮攻牙器 Expansion ER Tapper	B486
 <b>CAT/MLD</b> 直式筒夾銑床夾頭 Multi-lock Collet Chuck	B486
 <b>CAT/SBL</b> 後拉式立銑刀夾頭 Slim-fit Collet Chuck	B486
 <b>CAT/SKS</b> 高速機專用夾頭 Collet Chuck	B486
 <b>CAT/OSL</b> 側固式油路刀把 Side Lock Oil Hole Collet Chuck	B486
 <b>CAT/OHER</b> 油路刀把 Oil Hole Collet Chuck	B486
 <b>CAT/SOM</b> 螺紋鎖固式刀桿 Screwed End Mill Holder	B486
 <b>CAT</b> 套筒 CAT Adapter	B486

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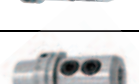
## CAT&NT Tooling System 刀桿系列

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 <b>EOC</b> 立銑刀夾頭 Collet Chuck	B487
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 <b>NT/ER</b> 銑床夾頭柄 Collet Holder	B487
 <b>NT/SPU</b> 直結式鑽夾頭 Drill Chuck Holder	B487

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 <b>ISO/ER</b> 高速刀把 High Speed Collet Chuck	B488
 <b>SK-EOC</b> 銑床夾頭無鍵槽 Collet Chuck (Without Keyway)	B489

















## HSK Tooling System 刀桿系列

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 <b>HSK(E)/SBL</b> 後拉式立銑刀夾頭 Slim-fit Collet Chuck	B493
 <b>HSK(A)/MLK</b> 強力銑削夾頭 Force Collet Chuck	B494
 <b>HSK(A)/MLD</b> 直式筒夾銑床夾頭 Multi-lock Collet Chuck	B494
 <b>HSK(A)/LHC</b> 扭力型液壓刀桿 Torque Hydraulic Toolholder	B495
 <b>HSK(A)/LHC-P</b> 精密型液壓刀桿 Precision Hydraulic Toolholder	B495
 <b>HSK(A)/PNER</b> 立銑刀夾頭 Collet Chuck	B496
 <b>HSK(A)/ER</b> 立銑刀夾頭 Collet Chuck	B498
 <b>HSK(F)/ER</b> 立銑刀夾頭 Collet Chuck	B499
 <b>HSK(A)/Pro.E</b> 筒夾式刀桿 Collet Chuck	B500
 <b>HSK(E)/Pro.E</b> 筒夾式刀桿 Collet Chuck	B502
 <b>HSK(F)/Pro.E</b> 筒夾式刀桿 Collet Chuck	B503
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 <b>HSK(A)/FMB</b> 平面銑刀柄 Face Mill Arbor (Type FMB)	B504
 <b>HSK(A)/FMA</b> 平面銑刀柄 Face Mill Arbor (Type FMA)	B506
 <b>HSK(A)/SPU</b> 直結式鑽夾頭 Drill Chuck Holder	B507
 <b>HSK(A)/GPH</b> 齒驅式鑽夾頭 Gear Driving Holder	B507
 <b>HSK(A)/SLN-JIS</b> 側固式立銑刀柄 Side Lock End Mill Holder	B508

## HSK Tooling System 刀桿系列

## HSK-T Tooling System 刀桿系列

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 <b>HSK(A)/SFC</b> 熱膨脹 (燒結式) 刀桿 Shrink-fit Chuck	B510
 <b>HSK(E)/SFC</b> 熱膨脹 (燒結式) 刀桿 Shrink-fit Chuck	B512
 <b>HSK(A)/SFC</b> 熱膨脹刀桿 (CUL 威力曲線型) Shrink-fit Chuck CUL Type	B513
 <b>HSK/SFS</b> 後拉式立銑刀夾頭 Slim-fit Collet Chuck	B514
 <b>HSK(A)/SKS-HS</b> 高速機專用夾頭 (無風阻) Collet Chuck (Non Wind Resistance)	B514
 <b>HSK(E)/SKS</b> 高速機專用夾頭 Collet Chuck	B515
 <b>HSK(E)/SKS-HS</b> 高速機專用夾頭 (無風阻) Collet Chuck (Non Wind Resistance)	B515
 <b>HSK(A)/MTA</b> 斜柄鑽頭套筒 Morse Taper Adapter	B516
 <b>HSK</b> 素材 HSK Blank	B517
 <b>HSK</b> 測試棒 Test Bar	B517
 <b>HSK(A)</b> 主軸精密標準棒 Spindle Master Bar	B518
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 <b>SLD</b> 側固式鑽頭用刀柄 Side Lock High Speed Drill	B528
 <b>SV</b> 外徑車刀架 External Turning Tool	B528
 <b>SB</b> 外徑車刀架 External Turning Tool	B529
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	<b>VDI/B2</b> 外徑刀座 Turning Tool Holder	B533
	<b>VDI/B3</b> 外徑刀座 Turning Tool Holder	B534
	<b>VDI/B4</b> 外徑刀座 Turning Tool Holder	B534
	<b>VDI/C1</b> 端面刀座 Face Turning Tool Holder	B535
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	<b>EOC</b> 套筒式刀座 EOC Collet Chuck Holder For EOC Collet	B539
	<b>ER</b> 套筒式刀座 ER Collet Chuck Holder For ER Collet	B539
	<b>VDI/A1</b> 素材 VDI/A1 Blank	B540
	<b>VDI/A2</b> 素材 VDI/A2 Blank	B540
	<b>VDI</b> 主軸檢測棒 Spindle Master Bar	B540

## PSC Polygon Tooling System 三角錐刀桿系列

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	<b>EOTP</b> 一體式外徑刀座 One-Piece External Tool Post For Lathe	B546 <span style="color:red">NEW</span>
	<b>IOTP</b> 一體式內徑刀座〔後拉式〕 One-Piece Internal Tool Post For Lathe	B546 <span style="color:red">NEW</span>
	<b>PSC/DDJN</b> 外徑車刀 External Turning Tool	B547
	<b>PSC/DVLN</b> 外徑車刀 External Turning Tool	B548
	<b>PSC/DCMN</b> 外徑車刀 External Turning Tool	B548
	<b>PSC/DDNN</b> 外徑車刀 External Turning Tool	B549
	<b>PSC/DVVN</b> 外徑車刀 External Turning Tool	B549
	<b>PSC/DWLN</b> 外徑車刀 External Turning Tool	B550
	<b>PSC/DCLN</b> 外徑車刀 External Turning Tool	B550
	<b>PSC/DTJN</b> 外徑車刀 External Turning Tool	B551
	<b>PSC/SV</b> 外徑車刀 External Turning Tool	B551 <span style="color:red">NEW</span>
	<b>PSC/SN</b> 外徑車刀 External Turning Tool	B552 <span style="color:red">NEW</span>
	<b>PSC/S</b> 外徑車刀 External Turning Tool	B552 <span style="color:red">NEW</span>
	<b>PSC/SF</b> 外徑車刀 External Turning Tool	B553 <span style="color:red">NEW</span>
	<b>PSC/SFC</b> 熱膨脹(燒結式)刀桿 Shrink-fit Chuck	B554
	<b>PSC/ER</b> 立銑刀夾頭 Collet Chuck	B555
	<b>PSC/Pro.E</b> 筒夾式刀桿 Collet Chuck	B556 <span style="color:red">NEW</span>
	<b>PSC/PNER</b> 立銑刀夾頭 Collet Chuck	B557

## PSC Polygon Tooling System 三角錐刀桿系列

## 角度頭 Angle Head 系列 System














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 <b>PSC/MLD</b> 直式筒夾銑床夾頭 Multi-lock Collet Chuck	B558
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 <b>PSC/FMB</b> 平面銑刀柄 Face Mill Arbor(Type FMB)	B559
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 <b>PSC</b> 異徑套筒 Adapter For Different Dia.	B562
 <b>PSC</b> 等徑套筒 Adapter For Same Dia.	B563
 <b>PSC/PCK</b> 可調式雙刃粗搪孔頭 (一體式) Adjustable Double-Edge Boring Head	B563
 <b>PSC/PMB</b> 超微米精搪孔頭 (一體式) Submicron Finish Boring Head	B564
 <b>PSC/PBJ</b> 高精密搪孔頭 (一體式) Boring Head	B564
 <b>PSC</b> 主軸測試棒 Test Bar	B565
 <b>PSC</b> 素材 PSC Blank	B565

產品 Product	頁數 Page
 <b>BT/SAM</b> 小鋼炮銑削頭 Angle Head Holder For Light Cutting	B566
 <b>HSK/SAM</b> 小鋼炮銑削頭 Angle Head Holder For Light Cutting	B567
 <b>BT/SAC</b> 中鋼炮銑削頭 Angle Head Holder For Medium Cutting	B568
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 <b>BT/SAR</b> 大鋼炮銑削頭 Angle Head Holder For Heavy-duty Cutting	B570
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 <b>SFT</b> 定位塊 & 定位塊素材 (錐度稍) Fixed Block & Fixed Block Blank	B573
 <b>SFO</b> 組合式定位塊 Fixed Block(Combination Type)	B574
 <b>SFB</b> 角度頭定位塊畫線治具 Angle Head Fixed Block Maker	B575
 <b>SFB</b> 角度頭定位塊套裝組 Angle Head Fixed Block Set	B576
 <b>LM-GG</b> 注油器 Grease Gun	B576

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## 可調式 刀桿 Runout Adjustable Holder

## TAP Tapping Holder System 攻牙刀桿系列

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 <b>SBT/SAF(PNER)</b> 可調式刀桿 Runout Adjustable Holder	B581
 <b>HSK(A)/SAF(SFC)</b> 可調式刀桿 Runout Adjustable Holder	B582
 <b>HSK(A)/SAF(PNER)</b> 可調式刀桿 Runout Adjustable Holder	B583
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 <b>SAF/SFC</b> 可調式法蘭盤 Shrink-Fit Chuck Flange	B587
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 <b>SBF</b> 法蘭加厚型可調式徑向歸零刀桿 Radial Zero Adjustable Holder	B588 <span style="color: red;">NEW</span>
 <b>SBF</b> 可調式徑向歸零刀桿 Radial Zero Adjustable Holder	B589 <span style="color: red;">NEW</span>

產品 Product	頁數 Page
 <b>STH/CX</b> 同步補償剛性攻牙器 Synchro Tapping Holder	B591
 <b>STH/CX</b> 同步補償剛性攻牙器 (加長型) Synchro Tapping Holder (Extended Type)	B592
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 <b>TPL</b> 止縮套環 Retreating Free Ring	B595
 <b>BT/ETP</b> 伸縮攻牙器 Expansion Tapping Holder	B596
 <b>BT</b> 快換式伸縮 / 扭力攻牙刀桿 Quick Change Tapping Chuck	B597
 <b>TH</b> 扭力攻牙器 Quick Change Tapping Chuck	B598
 <b>ST/WF</b> 伸縮攻牙器 (鑽床專用) Quick Change Tapping Chuck For Drilling Machine	B598
 <b>THL</b> 軸向伸縮攻牙器 Quick Change Tapping Chuck	B598
 <b>TCS</b> 扭力絲攻筒夾 Quick Change Tapping Collet	B599
 <b>ER</b> 鋼性攻牙筒夾 Rigid Tap Collet	B604
 <b>ER</b> 鋼性攻牙止水筒夾 Rigid Tap Sealed Collet	B608 <span style="color: red;">NEW</span>

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## 配件 Accessories System

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 <b>ER/A-SET</b> A 級彈性筒夾套裝組 A Grade Collet Set	B611
 <b>ER/MV</b> 筒夾木盤 Collet Wooden Trays	B611
 <b>ER</b> 彈性筒夾 Collet	B612
 <b>ER/FID</b> 出水筒夾 Coolant Collet	B620
 <b>ER/FOD</b> 出水筒夾 Coolant Collet	B621
 <b>ERS</b> 直溝止水筒夾 Metallic Sealed Collet	B623 <span style="color: red;">NEW</span>
 <b>ER/EO</b> 止水筒夾 Sealed Collet	B624
 <b>ER/ES</b> 斜槽止水筒夾 Steel Sealed Collet	B624
 <b>PN</b> 筒夾 Collet	B625
 <b>PN/ES</b> 斜槽止水筒夾 Steel Sealed Collet	B626
 <b>SKS</b> 高速機專用筒夾 Collet	B627
 <b>SLC</b> 專用筒夾 Collet	B630
 <b>EBL</b> 筒夾 Collet	B630 <span style="color: red;">NEW</span>
 <b>SSC</b> 直式彈性筒夾 Straight Shank Collet	B631
 <b>SSC/C</b> 直式止水筒夾 Straight Sealed Collet	B631
 <b>HYC</b> 液壓筒夾 Hydraulic Collet	B632
 <b>HYC</b> 液壓出水筒夾 Hydraulic Coolant Collet	B632 <span style="color: red;">NEW</span>

產品 Product	頁數 Page
 <b>SYOZ</b> 筒夾 Collet	B633
 <b>EOC/B</b> 彈性筒夾 Collet	B633
 <b>ER/A</b> 包固得螺帽 Power Good Clamping Nut	B634
 <b>ER/M</b> 包固得螺帽 Power Good Clamping Nut	B634
 <b>ER/UM.RD</b> 包固得螺帽 Power Good Clamping Nut	B635
 <b>ER/HS</b> 無風阻螺帽 Non Wind Resistance Nut	B635
 <b>ER/HSP</b> 強力精密高速型螺帽 High Speed Precision Nut	B636
 <b>ER-CO</b> 止水螺帽 Sealed Nut	B636
 <b>ER-MHG</b> 高速刀把專用螺帽 Collet Chuck Nut	B637
 <b>PTER/P</b> 螺帽 Nut	B637 <span style="color: red;">NEW</span>
 <b>PNER/P</b> 螺帽 Nut	B637
 <b>PNER/CO</b> 止水螺帽 Sealed Nut	B638
 <b>PNER/A</b> 偏心螺帽 Eccentric Nut	B638 <span style="color: red;">NEW</span>
 <b>Pro.E/A</b> 螺帽 Nut	B638 <span style="color: red;">NEW</span>
 <b>SKS/NUT</b> 高速機專用螺帽 Clamping Nut	B639
 <b>SKS</b> 無風阻螺帽 Non Wind Resistance Nut	B639
 <b>EOC</b> 包固得栓緊螺帽 Clamping Nut	B640

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 <b>MLD</b> 止水端蓋 Sealed Cap	B640
 <b>SR</b> 止水環 Coolant Ring	B641
 <b>DMB</b> 鑽石研磨刷 Diamond Brush	B643 <small>NEW</small>
 <b>DDB</b> 鑽石整修板 Diamond Dressing Board	B643 <small>NEW</small>
 <b>PIS</b> 鐵屑清除器 Chip Blower	B644 <small>NEW</small>
 <b>BT30/SFS</b> 螺栓拉頭 Pull Stud	B645
 <b>JIS6339</b> 螺栓拉頭 Pull Stud	B645 <small>NEW</small>
 <b>ISO</b> 螺栓拉頭 Pull Stud	B646
 <b>BT/HS</b> 研磨螺栓拉頭 High Strength Pull Stud	B646
 <b>BT</b> 研磨螺栓拉頭 High Strength Pull Stud	B647
 <b>DAT</b> 研磨螺栓拉頭 High Strength Pull Stud	B648
 <b>CAT</b> 研磨螺栓拉頭 High Strength Pull Stud	B648
 <b>ISO</b> 研磨螺栓拉頭 High Strength Pull Stud	B649
 <b>MAZAK</b> 研磨螺栓拉頭 High Strength Pull Stud	B649
 <b>ER</b> 扳手 ER Wrench	B650
 <b>SP/ER</b> 單向型強力扳手 (ER-M 無風阻螺帽專用) Wrench For ER-M Non Wind Resistance Nut	B650

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 <b>ER/SKS/PNER</b> 軸承扳手 Bearing Wrench	B651
 <b>SKS</b> 扳手 Hook Wrench	B651
 <b>SKS/WH</b> 軸承扳手 (無風阻) Bearing Wrench (Non Wind Resistance)	B651
 <b>ER-M/WH</b> 軸承扳手 Bearing Wrench	B652 <small>NEW</small>
 <b>ISO/W</b> 刀桿固定專用扳手 Wrench For ISO Collet Chuck	B652
 <b>ER/MHG</b> 螺帽專用扳手 Wrench For ER-MHG Nut	B652
 <b>EOC</b> 扳手 Hook Wrench	B653
 <b>PS</b> 拉頭專用扳手 Wrench For Pull Stud	B653
 <b>BT/CAT/DAT</b> 主軸清潔棒 Spindle Taper Wiper	B654
 <b>HSK</b> 主軸清潔棒 Spindle Taper Wiper	B654
 <b>BT/CAT/DAT/HSK</b> 鎖刀座 Tool Holder Tightening Fixture	B655
 <b>PSC</b> 鎖刀座 Tool Holder Tightening Fixture	B655
 <b>TLT</b> 加強型鎖刀座 Tool Holder Tightening Fixture	B656 <small>NEW</small>
 <b>HSK</b> 鎖刀座 Tool Holder Tightening Fixture	B657
 <b>ISO</b> 鎖刀座 Tool Holder Tightening Fixture	B657
 <b>ZMP-40</b> 迷你光電 Z 軸量測 Mini Z Axial Preset Gauge (Optical Type)	B658 <small>NEW</small>
 <b>ZDS/ZSW</b> Z 軸設定器 (有磁性) Z Axial Preset Gauge With Magnetic Base	B659

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 <b>ZOP-50</b> 光電式 Z 軸設定器 Z Axial Preset Gauge (Optical Type)	B660
 三次元探測器 3D Master	B660
 探針 Probe	B660
 <b>ZDI-100</b> 量錶式 Z 軸設定器 Z Axial Preset Gauge (Indicator Type)	B661
 <b>ES</b> 警示鳴音光電尋邊器 Optical Edge Finder With Led Beep Touch Point Sensor	B662
 <b>OP</b> 光電式尋邊器 Optical Edge Finder With Touch Point Sensor	B662
 <b>ME</b> 偏心式尋邊器 Mechanical Edge Finder	B663
 <b>CME-1010</b> 偏心式尋邊器 Mechanical Edge Finder	B663
 <b>CME-1020</b> 偏心式尋邊器 Mechanical Edge Finder	B664
 <b>SR</b> 迴轉式尋邊器 (精密型) Accuracy Touch Point Sensor	B664
 <b>HME</b> 超硬膜偏心式尋邊器 Mechanical Edge Finder	B665
 <b>OSL</b> 側固式油路刀把套筒 Straight Sleeve For Side-Lock Oil Holder	B665
 <b>TP/DT33</b> 鑽床攻牙器 Drill Tapper	B666
 <b>DT33-SET</b> 鑽床攻牙器套裝組 Drill Tapper Set	B666
 <b>DT33</b> 絲攻筒夾 Tapping Collet	B667
 <b>DT33</b> 斜柄筒夾 Morse Taper Collet	B668
 <b>DT33</b> 鑽夾頭筒夾 Drill Chuck Collet	B668
 <b>MTB/ER</b> 銑床夾頭柄 Collet Holder	B669

產品 Product	頁數 Page
 榫舌 Tang	B669
 <b>C/SL</b> 直柄側固式延長小徑刀柄 Straight Extension Side Lock Holder	B670
 <b>ER Collet Chuck For Automatic Lathe (Double-ended Straight Shank)</b> <span style="color: red;">NEW</span>	B672
 <b>ER Collet Chuck For Automatic Lathe (Straight Shank)</b> <span style="color: red;">NEW</span>	B673
 <b>C/ER-M</b> 小徑 / 直柄夾頭柄 Straight Shank Collet Chuck	B674
 <b>C/ER-A</b> 直柄夾頭柄 Straight Shank Collet Chuck	B675
 <b>C/ER-A-T</b> 直柄夾頭柄 (削平) Straight Shank Collet Chuck	B676
 <b>NC/ER</b> 夾頭柄 Collet Chuck	B677
 <b>C/ER-SET</b> 直柄夾頭組 Collet Chuck Set	B678
 <b>SPU</b> 鑽夾頭 Drill Chuck	B679
 <b>KLS</b> 自動鑽夾頭 Keyless Drill Chuck	B680
 <b>JT/ER</b> 夾頭柄 Collet Chuck	B680
 <b>CA/MT</b> 精密鑽頭柄 Drill Sleeve	B681
 <b>C/JT6</b> 精密鑽頭柄 Drill Sleeve	B681
 <b>ES/MT</b> 精密延長套筒 Extension Drill Sleeve	B682
 <b>DS/MT</b> 精密套筒 Precision Drill Sleeve	B682
 <b>KP1</b> 快速退鑽器 Hand Drift	B683
 <b>C/MT</b> 直柄鑽頭套筒 Morse Taper Sleeve	B683

## 搪孔 Boring Head 系列 System

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 <b>SMB</b> 超微米精搪頭 Super Micron Exchangeable Finish Boring Head	B687
 <b>SMB</b> 超微米精搪頭刀片座 Super Micron Exchangeable Finish Boring Head Insert Seat	B688
 <b>BT/SMB</b> 微調精搪孔頭刀桿 Boring Head Shank	B691
 <b>SCK</b> 可調式雙刃粗搪孔頭 Roughing Twin Adjustable Boring Head	B694
 <b>BT/SCK</b> 搪孔頭刀桿 Boring Head Shank	B695
 <b>CK</b> 搪孔頭刀桿 Boring Head Shank	B698
 <b>SBT/MCK</b> 法蘭加厚型搪孔刀柄 Dual Drive Boring Head Shank	B700
 <b>DAT/MCK</b> 搪孔刀柄 Boring Head Shank	B702
 <b>HSK/MCK</b> 搪孔刀柄 Boring Head Shank	B703
 <b>PSC/MCK</b> 搪孔刀柄 Boring Head Shank	B705
 <b>RBH/NBH/BST</b> 搪孔頭刀柄 Boring Head Shank	B706
 <b>BST</b> 加強型搪孔刀柄 BST Boring Head Shank	B707
 <b>SCK</b> 等徑延長桿 Extension Constant Diameter	B707
 <b>SCK</b> 異徑延長桿 Extension Reducing	B708
 <b>SCK</b> 碳化鎢鋼刀桿專用延長桿 (小接大) Carbide Arbor For SCK Extension	B709
 <b>SC/SCK</b> 直柄碳化鎢製搪孔頭刀桿 Straight Carbide Boring Shank	B709
 <b>C/SCK</b> 直柄搪孔頭刀桿 Straight Boring Shank	B710

產品 Product	頁數 Page
 <b>BT/BSB</b> 90°粗搪孔刀柄 Square Cutter Boring Bar Holder	B711
 <b>BT/BSA</b> 45°粗搪孔刀柄 Square Cutter Boring Bar Holder	B712
 <b>C/BS</b> 直柄搪孔頭刀柄 Straight Boring Bar	B713
 <b>BS</b> 焊刃式搪孔刀 Brazed Boring Cutter	B713
 <b>SBS</b> 替換式搪孔刀柄 Interchangeable Boring Cutter	B714
 <b>CBS</b> 替換式搪孔刀柄 Interchangeable Boring Cutter	B715
 <b>CBS/L</b> 替換式搪孔刀柄 (左撇) Interchangeable Boring Cutter (Left-Handed)	B715
 <b>RBH</b> 可調式雙刃粗搪孔頭 Indexable Twin-Bit Rough Boring Head	B717
 <b>RBH/LA</b> 新型可調整式雙刃粗搪孔頭 Indexable Twin-Bit Rough Boring Head	B718
 <b>RBH/LA</b> 新型大孔徑雙刃粗搪孔頭 Large Diameter Rough Boring Head	B719
 <b>CBR</b> 組合式外圍微調精搪刀系列 Modular External Finish Boring Head	B721
 <b>WBST</b> 四方柄徑搪孔刀架 Square Boring Tool Rest	B722
 <b>WBST</b> 刀盤專用四方柄搪刀 Square Shank Boring Tool Holder	B722
 <b>WBST</b> 刀盤專用四方柄外圍搪刀 Square Shank External Boring Tool Holder	B723
 <b>WBST</b> 刀盤專用四方柄內外圍搪刀架 Square Internal & External Boring Tool Holder	B723
 <b>BT/WBST</b> 四方柄大徑搪刀 +BST 刀桿 Square Large Boring Cutter+BST Shank	B724
 <b>BT/WBST</b> 四方柄大徑搪刀 +BST 刀桿外圍加工用 Square Large Boring Cutter+BST Shank	B725

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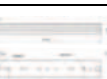

## 搪孔 Boring Head 系列 System

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	<b>CBH</b> 微調精搪孔頭 Finish Boring Head	B727		<b>SBJ</b> 鑄鋼刀柄專用套筒 Sleeve For Solid Carbide Tool Holder	B743
	<b>CBH</b> 新型大孔徑微調精搪孔頭 Large Diameter Finish Boring Head	B728		<b>ST/W</b> 抗震鑄鋼刀柄 Vibration-dumped Carbide Tool Holder	B743
	<b>MBH</b> 微調精搪孔頭 Finish Boring Head	B730		<b>CBR20/30</b> 組合式外圓搪孔組件 Modular External Boring Head	B744
	<b>MBH</b> 新型大孔徑微調精搪孔頭 Large Diameter Finish Boring Head	B731		<b>CBR20/30</b> 專用加長連接桿 Extension Adapter	B744
	<b>FBH</b> 精密微調精搪孔頭 Micro Adjustment Boring Head	B734		<b>SEB</b> 捨棄式搪孔頭 Supplemental Boring Head	B745
	<b>BT/FBH</b> 精密微調精搪孔頭刀桿 Micro Adjustment Boring Head Shank	B735		<b>SBJ</b> 高精度搪孔頭 Boring Head For Finishing	B746
	<b>FBH55/68</b> 專用正反搪刀片座 Forward/Reverse Insert Seat	B737		<b>SBJ</b> 替換式搪孔刀柄 Interchangeable Boring Cutter	B747
	<b>FBH55/68</b> 專用刀片座轉接桿 Transfer Bar For Insert Holder	B737		<b>SBJ/SET</b> 搪孔刀柄套裝組 Boring Cutter Set	B749
	<b>FBH55/68</b> 專用轉接螺帽 Nut	B738		<b>CSBJ/CCBJ</b> 鑄鋼替換式搪孔刀柄 Interchangeable Boring Cutter	B750
	<b>FBH55/68</b> 專用轉接板 Adapter Plate	B738		<b>CSBJ/CCBJ</b> 鑄鋼替換式搪孔刀柄套裝組 Interchangeable Boring Cutter Set	B752
	<b>FBH55/68</b> 專用平衡塊 Blance Base	B738		<b>NBH</b> 精密精搪孔頭 Precision Boring Head	B753
	<b>FBH55</b> 精密微調精搪孔頭套裝 Micro Adjustment Boring Head Set	B739		<b>NBH</b> 精密精搪孔套裝組 Precision Boring Head Set	B754
	<b>FBH68</b> 精密微調精搪孔頭套裝 Micro Adjustment Boring Head Set	B740		<b>CBH/DP</b> 減震精搪孔頭 Damping Finish Boring Head	B759
	<b>CBI</b> 小徑微調精搪刀系列 Small Dia. Finish Boring Head	B741		<b>SCK/DP</b> 減震延長桿 Damping Extension	B760
	<b>CBI</b> 小徑套筒 Small Dia. Adapter	B741		<b>CK/DP</b> 減震搪孔刀桿 Damping Boring Head Shank	B761
	<b>CBI</b> 專用超小徑碳化鎢搪孔刀 Carbide Boring Bar For Small Dia.	B742		<b>FDP</b> 減震銑刀桿 Damping Face Mill Arbor	B762
	<b>CBI</b> 專用超小徑搪刀延長桿 Boring Bar Extension For Small Dia.	B742		<b>PSC/PMB</b> 減震精密微調搪孔頭 Damping Fine Boring Head	B763

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 <b>LM-VE-SC</b> 同動求心虎鉗 Self Centring Vise	B766
 <b>LM-VE-90SC</b> 同動求心虎鉗 Self Centring Vise	B766
 <b>LM-VE-SC</b> 同動求心虎鉗 Self Centring Vise	B767
 <b>CC-QCP96-192</b> 快速定位盤 Quick-Change Base Plate	B767 <small>NEW</small>
 <b>LM-VE-DCS</b> 角固式雙向求心機械虎鉗 Mechanical-type Double Self-centering Vise	B768
 <b>LM-OKV</b> 迷你型虎鉗 Mini Vise	B770
 <b>LM-VE-JD</b> 空壓雙夾緊虎鉗 Super Hi-pressure Double Vise	B771
 <b>LM-VE-SD</b> 精巧雙夾緊虎鉗 Double-Clamping Precision Vise	B772
 <b>LM-VE-D</b> 雙夾緊虎鉗 Double-Clamping Precision Vise	B773
 <b>LM-FRA</b> 彈性並列式虎鉗 Flexible Parallel Vise	B775 <small>NEW</small>
 <b>LM-FRA-B</b> 多夾式虎鉗固定塊 Multi-folder Vise Fixed Block	B776 <small>NEW</small>
 <b>LM-FRA-A</b> 多夾式虎鉗壓塊 Multi-folder Vise Briquetting	B776 <small>NEW</small>
 <b>LM-BE50</b> 多夾式虎鉗基座 Multi-folder Vise Base	B777 <small>NEW</small>
 <b>LM-DB</b> 基準塊 LM-DB Datum Plate	B777 <small>NEW</small>
 <b>LM-VE-J</b> 空壓快速精密虎鉗 Pneumatic MC Precision&Angle Lock Vise	B780
 <b>CHW-B</b> 機械式精密虎鉗 Multifolder Vise Fixed Block	B781
 <b>LM-VE-B</b> 機械式虎鉗 Multifolder Vise Fixed Block	B781
 <b>LM-VE-C</b> 角固式精密機械虎鉗 Mechanical-type Precision Vise	B782

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 <b>LM-VE-S</b> 倍力定壓式虎鉗 Super Open Type Vise	B783
 <b>LM-VE-P</b> 倍力式虎鉗 Mechanical Power Vise	B784
 <b>CHW-P</b> 精密倍力式虎鉗 Powerful-type Precision Vise	B785
 <b>CHW-PL</b> 精密倍力式虎鉗 (超長型) Powerful-type Precision Vise(Lengthen)	B785
 <b>CHW-V</b> 角固式油壓精密虎鉗 Hydraulic & Angle Lock Vise	B786
 <b>AH</b> 內藏式油壓虎鉗 Hydraulic Precision Vise	B787
 <b>LM-VE-H</b> 外藏式油壓虎鉗 Hydraulic & Angle Lock Vise	B787
 <b>JLB</b> 傾斜式油壓內藏虎鉗 Universal Hydraulic Tilting Vise	B788
 <b>LM-VE-U</b> 傾斜式虎鉗 Tilting Vise	B788
 <b>AV</b> 角固式虎鉗 Fixed Angle Vise	B789
 <b>KV</b> K型銑床虎鉗 K-type Milling Vise	B789
 <b>VAV</b> 直角式角固虎鉗 Fixed Angle Vise	B790
 <b>LM-PM</b> 虎鉗測壓力計 Vise Pressure Gauge	B790
 <b>AP</b> 可調式角度規 Adjustable Angle Plate	B790
 <b>CHW-B/CHW-P</b> 虎口板 Jaw Plate	B791
 <b>LM-VE-B/LM-VE-P/CHW-V</b> 虎口板 Jaw Plate	B792
 <b>SC-68</b> 標準型注油式替換頂尖 Standard Interchangeable Live Center	B793
 <b>MRC-MT</b> 車床頂尖 (標準型) Standard Live Center	B793

## 輔助 Aid System

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	<b>SC-69</b> 標準型注油式替換頂尖 Standard Live Center	B794		<b>LM-CM-PHC3160</b> 輕量型 μ 級校正儀 Micron Grade Tool Presetter	B815
	<b>SC-70</b> 標準型細物用注油式頂尖 Standard Extended Live Center	B794		<b>LM-DH</b> 刀具設定儀 Tool Presetter	B816
	<b>SC-65</b> 重切削注油式替換頂尖 Interchangeable Live Center For Heavy Turning	B795		<b>LM-DH</b> 刀具設定儀工具櫃 Tool Presetter Cabinet	B816
	<b>SC-62</b> 注油式迴轉頂尖 (中切削型) Interchangeable Live Center For Medium Turning	B796		<b>LM</b> 萬向磁性表座 Universal Arm Magnetic Base	B817
	<b>SC-66</b> 自動可調式插式頂尖 Automatic Adjustable Live Center With Interchangeable Insert	B797		<b>LM-MP25-250</b> 高度規比測台 Height Gauge Comparator	B818
	<b>SC-67</b> 固定替換式插式頂尖 Fixed Live Center With Interchangeable Insert	B798		<b>MAS</b> 工件定位器 Work Stop Tool	B819
	<b>SC-100</b> 強力重切削迴轉頂尖 (鎢鋼頂尖) Carbide Live Center For Heavy Turning	B799		<b>MCS-B</b> 噴霧式切削冷卻器 Mist Coolant	B819
	<b>SC-60</b> 強力型重負荷迴轉頂尖 Live Center For Heavy Turning	B799		<b>TC</b> 銑刀刀柄座 Tooling Sheath	B820
	<b>MT-BNC</b> 傘型頂尖 Bull Nose Live Center	B800		刀具管理車 Tool Carriage	B820
	<b>SC-48</b> 經濟型替換頂尖 Economical Interchangeable Center	B800		<b>GP</b> 虎鉗平行板 Vise Parallel Set	B821
	<b>HKS</b> 油壓生爪 Power Pressure Soft Jaw	B802		萬能夾具組 Clamping Kit	B822
	<b>SKS</b> 強力生爪 Power Pressure Soft Jaw	B804		T 型螺帽 T-slot Nut	B824
	<b>LM-TW</b> 扭力扳手 Torque Wrench	B806		丸型螺帽 Collar Nut	B825
	<b>LM-DTW</b> 多功能扭力扳手 Multi-Function Torque Wrench	B807		活動式丸型螺帽 Movable Collar Nut	B825
	螺帽扳手 Nut Adapters For Exchangeable Torque Wrench	B808		接頭螺帽 Coupling Nut	B826
	<b>PS</b> 替換式拉頭扳手 Indexable Wrench For Pull Stud	B811		齒型壓板 Plane Clamp	B826
	<b>CHW-SK</b> 精度檢測儀 Spindle Master	B812		雙頭壓塊 Collar Nut	B827
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 <b>LM-SG-SD</b> 快速鑽頭研磨機 Portable Drill Bit Resharpener Machine	B832
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詳細產品資訊  
請參閱 Vol.7 綜合目錄  
Please refer to the Vol.7 General Catalog  
for detailed product information.



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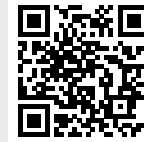
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