



CATALOGUE INDEX

MACHINE ACCESSORIES & TOOLS

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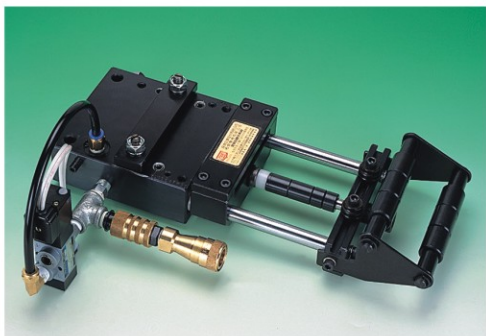
自動沖壓送料系列 AUTOMATIC PRESS FEEDER SERIES



標準型 STANDARD MODEL

- 送料長(寬)：0 ~ 450mm
- 送料厚度：0.1 ~ 3.2mm
- 可送材料種類：金屬、紙帶類、塑膠
- 可送材料形狀：圓形、三角形、突起物
- 特別附件：AF-5C 以上附裝緩衝器。

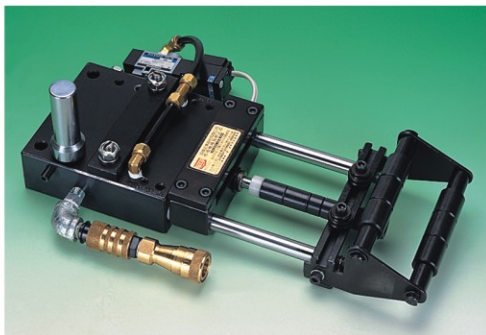
- Material carrier length : 0 - 450mm
- Material carrier thickness : 0.1 - 3.2mm
- Kind of material : metal, paper, plastic
- Shape of material : round triagle
- Special accessories : AF-5C buffer



E 型電磁閥 E TYPE MAGNETIC VALVE

適裝於沖床上下行程過短或過長距離送料的情形下。

Suitable for equipped in the case that the up-down step distance of lathe machine is too short or too long.

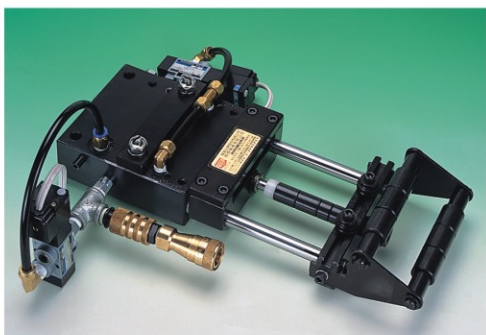


標準型加裝R型放鬆電磁閥

STANDARD TYPE LOOSE "R" MAGNETIC VALVE

須高精密送料情況下，可利用電磁閥放鬆固定夾板以修正誤差。

You can utilize Magnetic Valve to relax the fixed panel for correction under precision supply of materials.

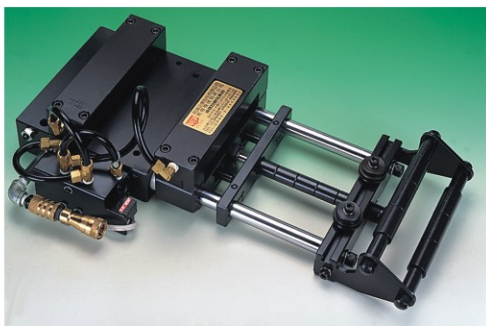


R 型放鬆電磁閥 E 型電磁閥

"R" MAGNETIC VALVE "E" MAGNETIC VALVE

適裝於當沖床上下行程過短或過長距離送料，且須高精密送料情況下，可利用電磁閥放鬆固定夾板，以修正誤差。

You can utilize Magnetic Valve to relax the fixed panel for correction under precision supply of materials, the are suitable to fix in Lathe when upper and lower process is too short or too long .

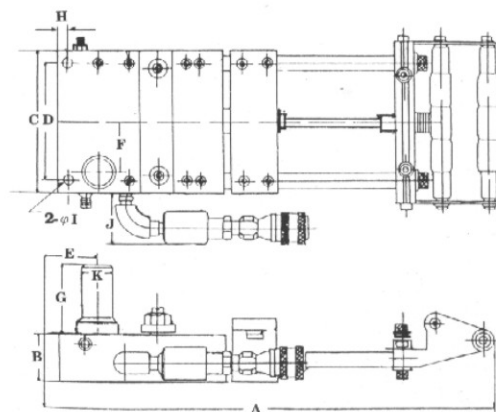
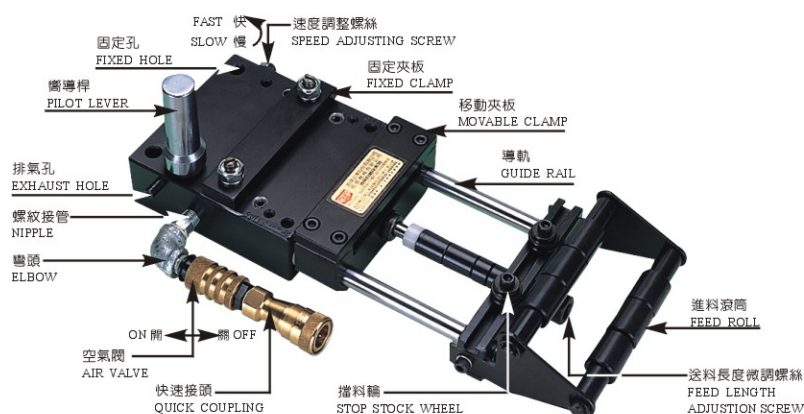


新式強力型 NEW & HEAVY DUTY MODEL

- 適用於較厚材料之自動化加工。
- 本機採新型氣壓式緩衝器，以消除快速送料之震動。
- 夾板採多缸下壓滑塊式之夾板。
- 耐磨、操作簡易、穩定性高、送料精度準確。

- Suitable for automatic processing of thicker materials.
- Adopting new-style pneumatic buffer to eliminate vibration caused by speedy feeding.
- Adopting multi-cylinder down-pressing slide-chunk type clamp.
- Abrasion-proof, simple operation, high stability, high precision in material-feeding.

空氣自動送料機 (AIR FEEDER)



機種	MODEL	AF-1C	AF-2C	AF-3C	AF-4C	AF-5C	AF-6C	AF-7C	AF-8C	AF-9C	AF-10C	AF-11C
最大送料寬度	Width max. mm	50	65	80	100	150	200	250	300	350	400	450
最大送料長度	Length max. mm	50	80	80	130	150	200	250	300	350	400	450
材料厚度	Thickuess mm	0.5	0.8	1.2	1.5	2	2	2.5	2.5	3	3	3
空氣壓力	Air press Kg/cm	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
最大送料之S.P.M.	Speed mzx. c/mm	200	160	150	93	80	60	48	40	35	30	25
固定夾板摩擦力	Fixed Stock cl. Force kg.	10	27	40	55	78	78	107	107	119	119	119
移動夾板摩擦力	Movable Stock cl. Force kg.	30	49	65.5	72.5	144.5	169	200	217	220	245	245
引張力	Pulling cl. Force kg.	14	16.5	19.5	25.5	41	41	67	74	77	85	85
空氣消耗量	Air consup. L/mm	26.5	38.5	47	58.6	109.5	108.5	152	162.5	174.2	182.5	182.5
重量 (包括工具)	Weight(include Tool)kg.	8.8	9.6	12.8	19.6	38.4	52.4	80	95	156	178	200

DIMENSION TYPE	AF-1C	AF-2C	AF-3C	AF-4C	AF-5C	AF-6C	AF-7C	AF-8C
A	300	345	380	490	600	710	840	940
B	38	38	46	46	60	60	70	70
C	90	110	130	158	220	270	330	380
D	76	90	100	134	190	240	280	330
E	34	38	40	50	60	70	80	85
F	31	40	48	59	85	110	135	160
T	56	74	74	74	90	90	90	90
H	13	13	13	13	15	15	17	17
I	φ 8.5	φ 8.5	φ 10	φ 13	φ 13	φ 13	φ 13	φ 13
J	50	50	50	50	50	50	50	50
K	21	23	23	23	27	27	27	27

DRILL RE - SHARPENING MACHINE



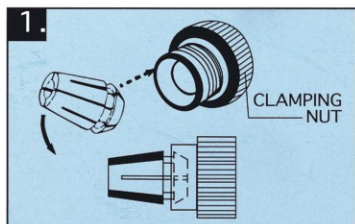
HOW TO ORDER : BT-213 - 10

ITEM NO QTY

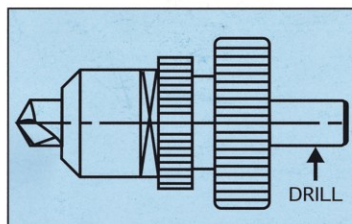
DRILL DIAMETER	ϕ 2.0mm ~ ϕ 13.0mm
POINT ANGLE	118° ~ 135°
POWER SUPPLY	AC-110 or 220
R.P.M. OF MOTOR	5200R.P.M.
GRINDING WHEEL	CBN #170
NET WEIGHT	AC-110 : 8.5kgs AC-220 : 10kgs
STANDARD ACCESSORIES	COLLET ER-20 COLLET x 11pcs
	COLLET Holder x 1 unit
	4mm Hexagon wrench 4 x 1

DRILL RE - SHARPENING MACHINE

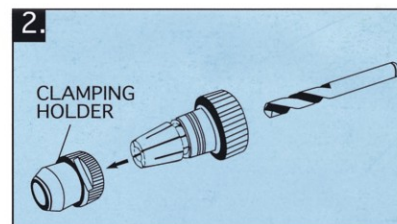
A. HOW TO USE HOLDER UNIT FOR COLLET & DRILL



COLLET MUST BE ASSEMBLED INTO THE CLAMPING NUT WITH 45° ANGLE. (BEFORE INSERTING INTO THE CLAMPING HOLDER)

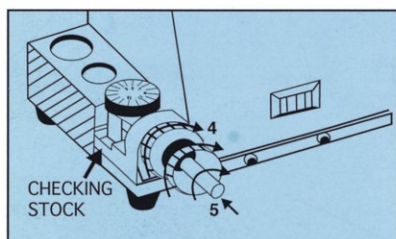


HOLDER UNIT



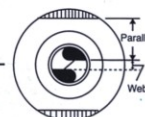
1. INSERT THE DRILL INTO THE COLLET
2. PUT THE CLAMPING NUT INTO THE CLAMPING HOLDER

B. HOW TO SET THE HOLDER UNIT AT THE CHECKING STOCK



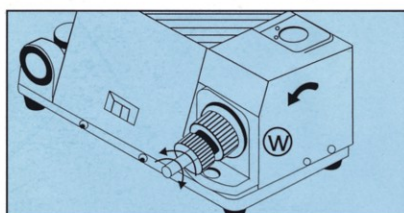
1. FIND THE DRILL DIAMETER.
2. SET THE INDICATOR OF SCALE NUMBER IS SAME AS DRILL DIAMETER.
3. PUT THE HOLDER UNIT INTO THE CHECKING STOCK. THE SLOT OF CLAMPING UNIT WILL MATCH INTO THE PIN OF CHECKING STOCK.
4. TURN HOLDER UNIT TO RIGHT.
5. PUSH THE DRILL TO TOUCH THE CHECKING STOCK. AND TURN THE DRILL TO RIGHT. THEN THE CLAMPING NUT TIGHTEN TO THE DRILL.

NOTE: MAKE SURE THAT THE WEB BLADE OF DRILL IS PARALLEL WITH THE SLOT OF CLAMPING HOLDER.



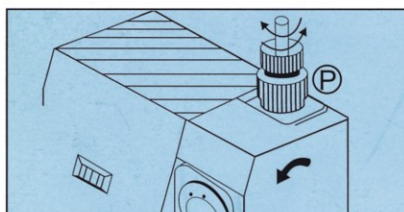
6. AFTER HAVING TAKEN OUT THE HOLDER UNIT.

C. HOW TO GRIND THE WEB OF DRILL



1. TURN ON THE POWER.
2. PUT THE HOLDER UNIT INTO THE (W) GRINDER STOCK. THE SLOT MATCH WITH THE PIN AND LET THE DRILL REACH THE DIAMOND WHEEL CAREFULLY.
3. GRIND THE DRILL BY MOVING LEFT AND RIGHT TO SHARPEN. UNTIL THE GRINDING VOICE IS DISAPPEAR.
4. TAKE THE HOLDER UNIT TO THE OTHER SIDE TO GRIND THE OTHER SIDE WEB, BLADE, GRIND THE DRILL WITH THE SAME AS 3. WAY.

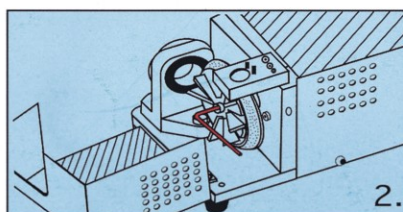
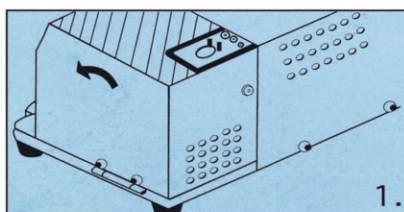
D. HOW TO GRIND THE CENTER POINT OF DRILL



1. TURN ON THE POWER.
2. PUT THE HOLDER UNIT INTO THE (P) GRINDER STOCK THE SLOT MATCH WITH THE PIN.
3. MOVE THE LEFT AND RIGHT WAY TO SHARPEN.
4. TURN 180° OF HOLDER UNIT TO GRINDING THE OTHER SIDES WITH THE SAME WAY.

NOTE: UNDER Ø3 DRILL NO NEED TO GRIND THE CENTER POINT.

E. HOW TO CHANGE THE DIAMOND WHEEL

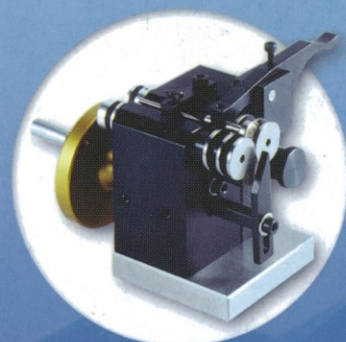
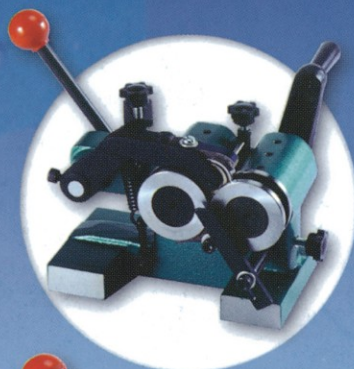
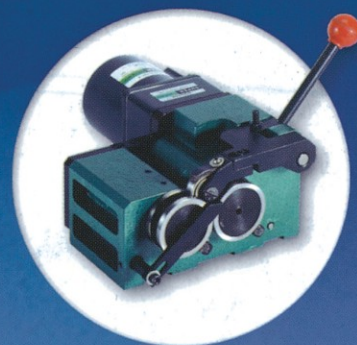
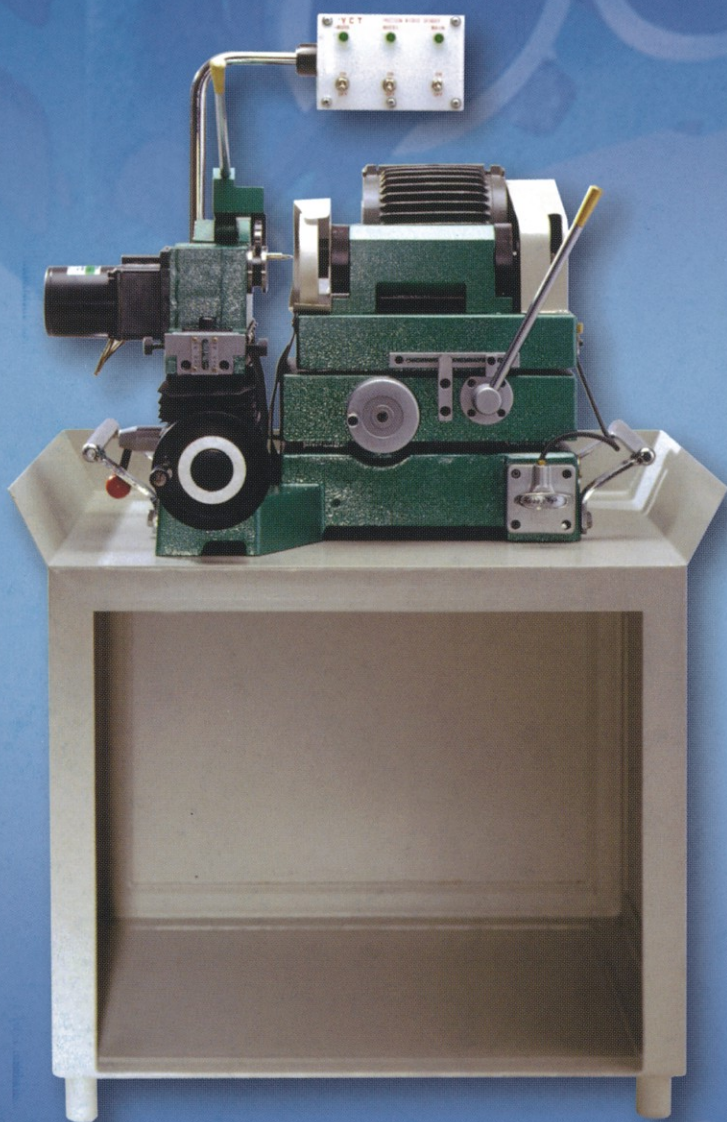


1. TAKE OUT THE DIAMOND WHEEL COVER.
2. TURN OUT THE SCREW ON THE CENTER OF DIAMOND WHEEL.

LINCO

精密研磨機系列

PRECISION GRINDING MACHINE SERIES



●精密研磨機利用無心夾持結構，工件定位快，加工精度高

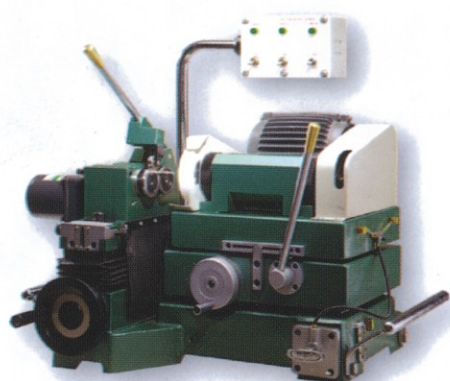
Based on the centerless clamping theory, our precision grinding machine sits rapidly on work pieces and reach precise accuracy.

●雙滾輪裝置，可夾持研磨加工長形射梢、沖頭

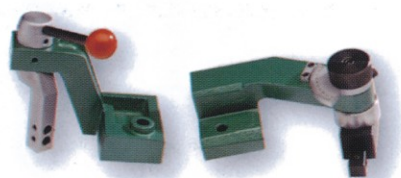
The double rolling wheel design is able to clamp longer ejector pins and punch, so it can be grinded smoothly.

●Linco-PGAM型可利用所附的砂輪成型器，修整砂輪角度圓弧，以加工各種特殊形狀

Model Linco-PGAM is attached with two radius and angle dressers which can adjust and modify all

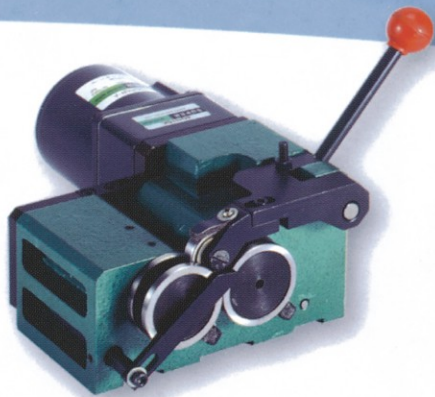


Linco-PGAM



Linco-PGAMD

機型 model 規格 spec.	Linco-PGAM 外徑研磨機 External Grinding Machine	Linco-PGAMD 內孔研磨機 Internal Grinding Machine
夾持工件範圍 clamping range	Ø1.5~Ø25	Ø1.5~Ø25
前段最大行程 max. movement (front & back)	40mm	40mm
左右最大行程 max. movement (left & right)	65mm	65mm
工作頭轉速 work head rotation speed	180 RPM	180 RPM
工作頭旋轉角度 work head turning angle	±5°	±5°
主軸轉速 spindle rotation speed	8,000 RPM	0 - 30,000 RPM
主軸馬達 spindle motor power	1/2 HP	1/2 HP
機械尺寸(L×W×H) dimensions	700mm x 600mm x 600mm	700mm x 600mm x 600mm
機械重量 net weight	158 Kg	158 Kg
加工範圍 working range	Ø0.5~Ø25	Ø1~Ø20



- 帶馬達的磨沖機，操作省力

Precision Punch Grinding Machine comes with motor which will save time and effort.

- 雙滾輪裝置，可研磨長型的射梢、沖頭

Double rolling wheel design is able to grind longer ejector pin and punch.

Linco-PGM

夾持範圍Clamping Range : $\varnothing$ 2~ $\varnothing$ 25

研磨範圍Grinding Range : $\varnothing$ 0.5~ $\varnothing$ 25

- 無心裝夾，操作簡單，精度高，工作範圍大

The centerless clamping is designed for high precision, broad working range and straightforward operation.



Linco-PG

夾持範圍Clamping Range : $\varnothing$ 3~ $\varnothing$ 25

研磨範圍Grinding Range : $\varnothing$ 0.5~ $\varnothing$ 25



- 無心裝夾，操作簡單，精度高

Model Linco-PGS consists of centerless clamping which is designed for high precision and straightforward operation.

Linco-PGS

夾持範圍Clamping Range : $\varnothing$ 1.5~ $\varnothing$ 10

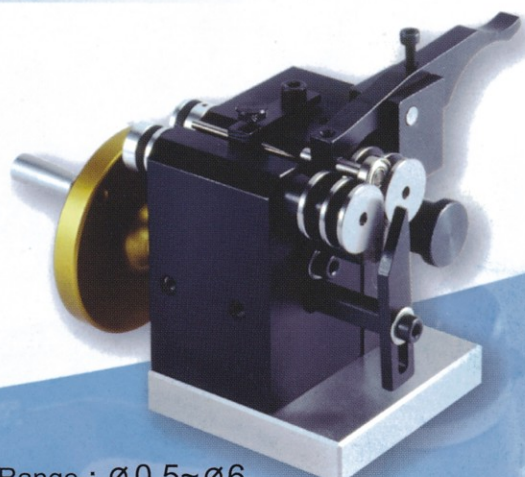
研磨範圍Grinding Range : $\varnothing$ 0.5~ $\varnothing$ 10

- 適用於微型的沖子、圓棒加工

Model Linco-PGSS is applied to micro punches and processes round sticks.

- 結構精準，可做為真圓度、同心度的檢測機具

With accurate structure, the model Linco-PGSS can be used for circularity and concentricity measurement



Linco-PGSS

夾持範圍Clamping Range : $\varnothing$ 0.5~ $\varnothing$ 6

研磨範圍Grinding Range : $\varnothing$ 0.5~ $\varnothing$ 6

ISO 9002



Certificate No. FM26829

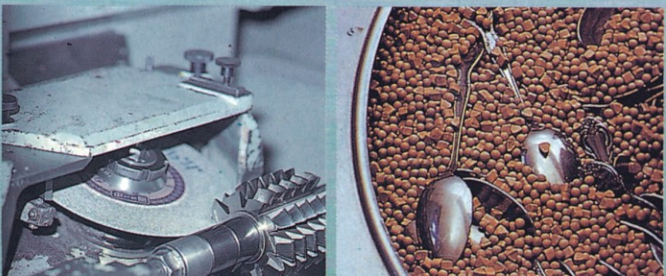
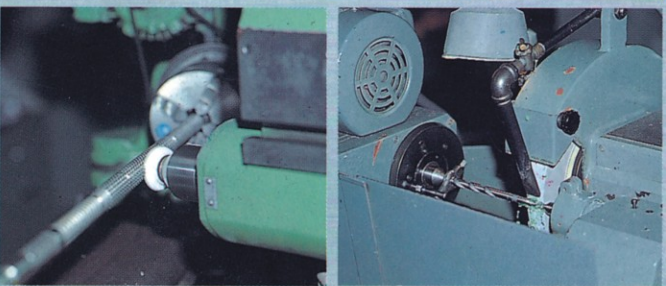
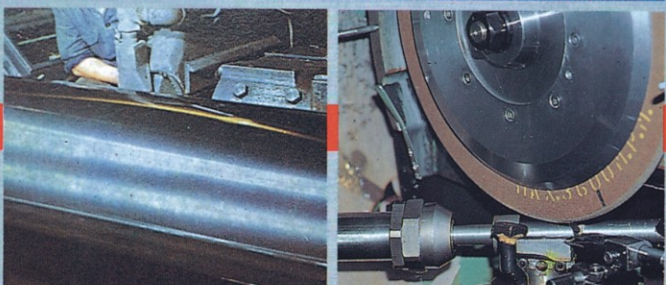
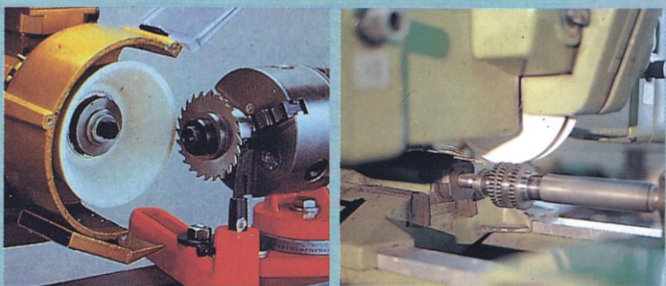
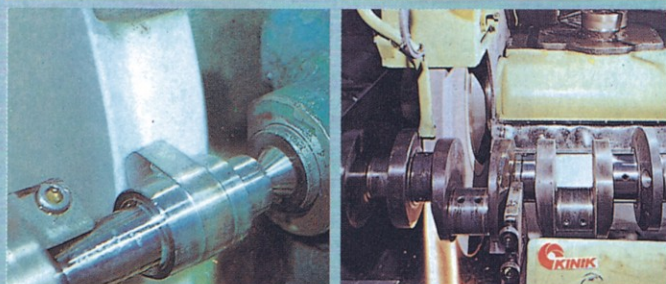
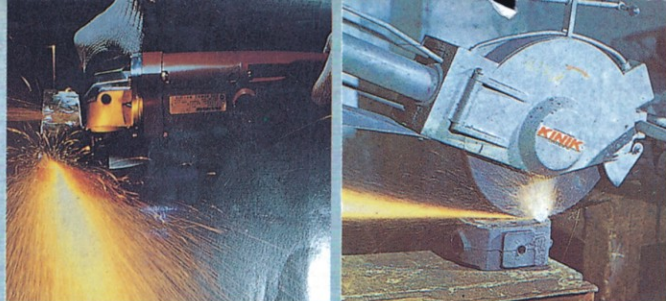


REG. NO. 019008-01



中國砂輪

[http:// www.kinik.com](http://www.kinik.com)



傑出精品

—主要產品—

- 平面研磨砂輪
- 外圓研磨砂輪
- 內圓研磨砂輪
- 輓筒研磨砂輪
- 無心研磨砂輪
- 曲柄軸研磨砂輪
- 凸輪研磨砂輪、汽門研磨砂輪
- 齒輪研磨砂輪
- 刀具研磨砂輪
- 高速平面砂輪、切割砂輪
- 可彎曲砂輪、砂紙盤
- 網狀砂輪
- 鑽石及氮化硼砂輪
- 鑽石鋸片
- 石材用鑽石線鋸
- 石材定厚鑽石砂輪
- 石材異形加工鑽石砂輪
- 石材用鑽石水磨片
- 印刷電路板用P.C.D.鋸片、精密刀具
- P.C.D.聚晶鑽石耐摩工治具、切削刀具
- 木工用P.C.D.聚晶鑽石精密刀具
- P.V.D.D.鑽石盾耐摩工治具、切削刀具
- C.V.D.D.鍍鑽石厚膜切削刀具
- DG鑽石研磨系列砂輪
- 動平衡校正儀

Catalog No. 002C-0109

KINIK 主要產品 —— 傳統砂輪

KINIK 擁有完整的砂輪系列產品，包括：V法，B法，R法，E法，MG法等各種製法（結合劑）之砂輪。從最粗 #8粒號到最細 #6000粒號，最小 $\phi 1\text{mm}$ 到最大 $\phi 1550\text{mm}$ ，最薄 0.15mm 到最厚 510mm 均有生產，全系列砂輪種類高達10萬種以上，已是少數世界級砂輪主要供應廠家。

Off-Hand
Grinding Wheels
自由研磨用砂輪



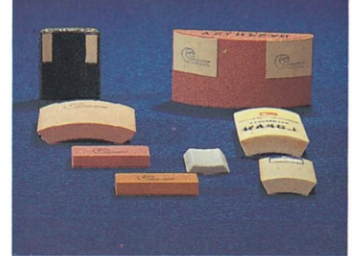
Surface Grinding Wheels
Horizontal Spindle Type
平面研磨用砂輪(平直形)



Surface Grinding Wheels
Vertical Spindle Type
環形平面研磨用



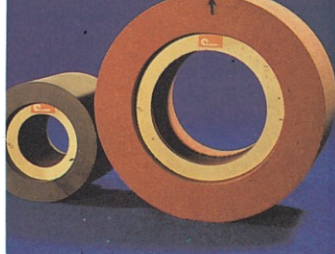
Surface Grinding Wheels
Segments
環片式砂輪



Surface Grinding Wheels
DSG Type
DSG砂輪



Centerless
Grinding Wheels
無心研磨用砂輪



Cylindrical
Grinding Wheels
外圓研磨用(曲柄軸等)



Gear Grinding Wheels
齒輪研磨用砂輪



For Tools Grinding
工具研磨用砂輪



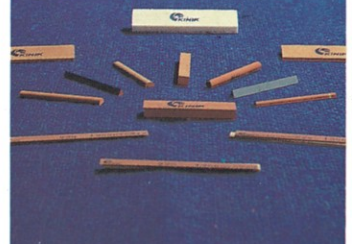
Valve Seat Wheels &
Honing Stones
汽門座砂輪、搪缸砂條



Grain Shell Casting &
Milling Wheels
脫殼、碾米、石磨用砂輪



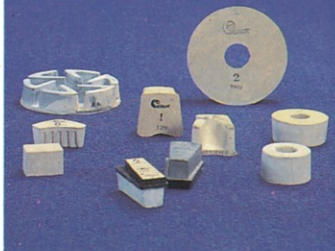
Sharpening Finishing &
Dressing Sticks
各種模具業用油石、砂條



Mg-Bond Wheels
for Knives Grinding
刀具研磨用Mg法砂輪



Mg-Bond Wheels
for Stones Grinding
石材用Mg法磨石



Rubbing Bricks
for Stones Grinding
石材用磨石



Oil Stones &
Sharpening Stones
鐵工用磨石、油石



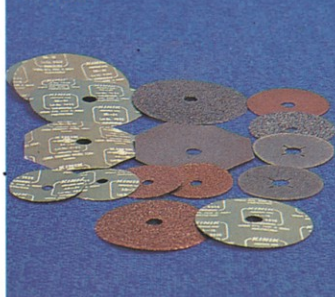
Depressed Center
Wheels &
Flexible Wheels
高速平面砂輪、可彎曲砂輪



Cut-Off Wheels
切書砂輪



Fiber Abrasive Discs
砂紙盤



Mounted Wheels
帶柄砂輪



KINIK BD 砂輪 — CBN 及鑽石工具

KINIK 的BD砂輪系列包括：V法，B法，P法，M法等各種製法，從精密研磨用到工程用鑽石鋸片均可供應，是國內唯一能供應全系列BD砂輪之廠家。

For Grinding Tools
工具研磨用



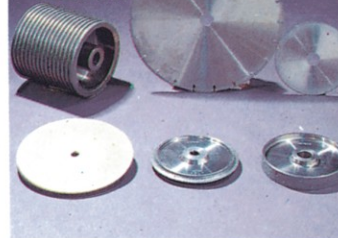
For Grinding Wood
Working Tools
木工業用



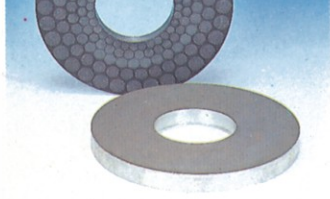
For Grinding Glass
玻璃業用



For Grinding Glass
& Gemstones
寶石業用



DSG Type Wheel For
Surface Grinding Of Flat
Workpieces
空壓機閥片等雙平面研磨用



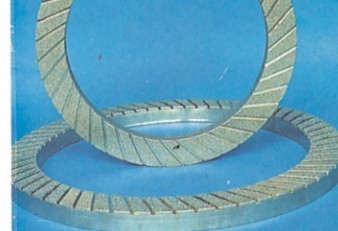
For Ferrit Surface
Grinding
鐵氧磁性物平面研磨用



For Ferrit-Core Flute
鐵氧磁性物用



For Grinding Brake
Linings
磨剎車來令片



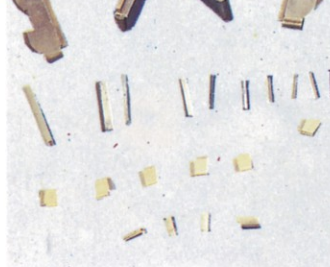
Internal & Jig Grinding
刀具及內徑研磨用



Diamond Points
鑽石磨棒



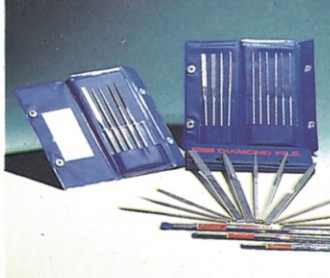
Honing Stones
磨缸砂輪



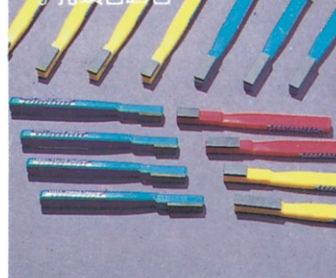
Diamond Pastes
鑽石膏



Diamond Files
鑽石銼刀



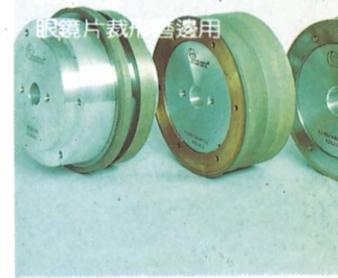
Diamond Hand Lappers
手持鑽石磨石



Diamond Dressers
鑽石修刀



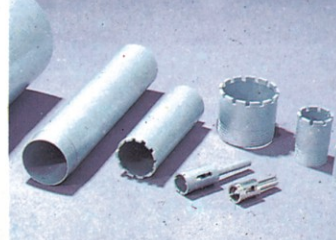
For Spectacle Lens
磨片
眼鏡片裁片磨邊用



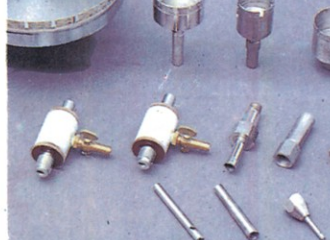
For Optical/Spectacles
Lens & Prism
光學眼鏡用



Diamond Drill Bits/
Core Drills
鑽石薄壁鑽頭



Core Drills For Glass &
Gemstones
玻璃、寶石鑽孔用鑽石鑽管



Diamond Saw Blades
鑽石鋸片



KINIK PCD聚晶鑽石工治具、耐摩工件及PVDD，CVDD鑽石鍍膜工具

PCD 刀具—使用壽命為傳統鎢鋼的三十至一百倍，可重磨多次，節省換裝時間，降低成本，適用於鋁合金、塑料、複合材料、塑合板傢具業、PC板等。

PVDD 物理氣相沈積鑽石鍍膜工具，模具及**CVDD**化學氣相沈積鑽石鍍膜切削刀具—

使工件表面蒸鍍上無晶形鑽石膜，具有天然鑽石之低摩擦係數，耐摩耗性及高硬度特性。



聚晶鑽石鋸片
PCD Circular Saw Blade



聚晶鑽石開V槽刀具
PCD V-Cutter



聚晶鑽石修刀
PCD Edge-Trimming Cutter



聚晶鑽石削斜邊刀
PCD Edge-Beveling Cutter
(Golden Finger)



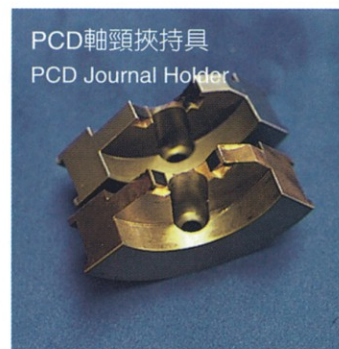
聚晶鑽石木工加工用刀具
PCD Wood tools



PCD尺寸測定端子
PCD measure



PCD圓錐修刀
PCD Cone point dressers



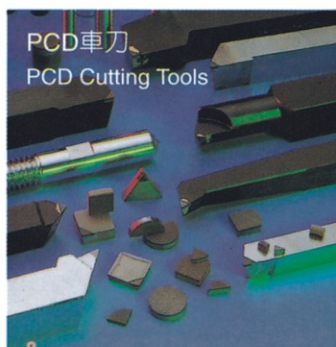
PCD軸頸挾持具
PCD Journal Holder



IC封裝黏晶
IC Chip Mount Head



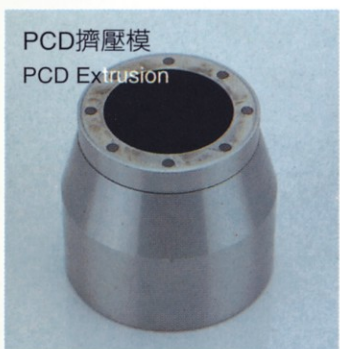
PCD扶架
PCD Shoe



PCD車刀
PCD Cutting Tools



PCD聚晶鑽石耐摩工具
PCD Wear Parts



PCD擠壓模
PCD Extrusion



PCD止梢
PCD Stopper Pin



PCD電氣接點沖壓模具
PCD Punch



PCD工件扶架塊
PCD Work Rest Shoe



CVDD鑽石厚膜工具
CVDD-Diamond Coated
Cutting Tools



PVDD鑽石鍍膜CD模仁
PVDD-Diamond Coated
CD mold



PVDD切削刀具
PVDD End Mill



PVDD擠壓定型模
PVDD Mold

世界專利DG製品

革命性專利之 (DiaGrid®) 硬焊鑽石工具—

鑽石粒粒皆能發揮功效，是石材加工、半導體CMP-PAD Dressing 不可或缺之利器。

