



EARTH-CHAIN
BUILT FOR SPEED

電動 & 氣動工具

Electric & Pneumatic Tools

For mold and die making



Grinding 研磨 ○ Polishing 拋光 ○ Deburring 去毛邊

FINISH 成品

EARTH-CHAIN ENTERPRISE CO., LTD.
MAGNETIC & PRECISION TOOLS



Ultrasonic Lapping Machine / 超音波振動銼磨機

ECE Ultrasonic Lapping Machine with micro vibration stroke and extra-high frequency(22,000 times per second),which can easily handle most intricate jobs for various molds and dies.

The difficult traditional process of slots,ribs,detail corners, intricate areas becomes so easy with time saving,and efficiently reach a quality result of polishing and finishing process.

FEATURES:

- * **Powerful output** : Max.45watts of output power enables you to achieve any polishing task at the best performance.
- * **Auto feedback system** : Machine itself will automatically adjust frequency according to different tools to get the Best performance.
- * **Electronic transformer with regulation** : To maintain the machine in good performance and protect it from damage even at an unstable supply of electric voltage.
- * **Detecting circuit of suspending** : When handpiece is not in used , the unit will automatically reduce the output power. It does not only prolong the life of the handpiece transducer but also keep the ultrasonic tools from heating up.

ECE 超音波振動銼磨機，以每秒22,000次超高頻微細振動，可輕鬆地解決各種模具的複雜或細微部位之加工。以前難以加工的溝槽、肋骨、角落或複雜及微細等部位，現在使用超音波振動研磨機，將可有效地且省時地完成各種模具之研磨及拋光工作。

特長：

- * 強勁的輸出功率：最大45瓦的輸出功率，提供有效且快速之加工作業。
- * 自動追尾迴路：機器會根據各種不同工具，自動檢測並選擇最佳之輸出振頻以發揮各種工具之最佳性能。
- * 電子穩壓變壓器：電子變壓器兼具穩壓效果，即使在電源不穩定之情況下，依然可維持機器在良好的操作性能，且可保護機器不致受損。
- * 空振檢知迴路設計：當手機未與工件接觸時，機器會自動降低輸出功率。以延長手機壽命，並可防止工具因空振而發燙或燒毀。

SPECIFICATION / 規格

MODEL / 型號	UL-660	UL-630	U-Lap 106
Power Supply / 電源	AC110V or 220V ± 10%, 50/60Hz		
Ultrasonic Output / 超音波輸出	45 watts, 5-level	45watts,5-leve	36watts,2-level
DC Motor Output / 直流馬達輸出	0-30V,10-level	None/無	None/無
Vibration Frequency / 振頻	18-26kHz	18-26kHz	18-25kHz
Stroke Amplitude / 振幅	3-40 μ m	3-40 μ m	10-35 μ m
Frequency Adjustment / 振頻調整	Automatic feed-back system/自動追尾系統		
Power Consumption / 消耗電力	60 watts	60 watts	46 watts
Fuse / 保險絲	2A	2A	1A
Dimension / 尺寸(LxWxH)	225x172x118mm	225x172x118mm	152x100x72mm
Weight / 重量	2.6kg	2.1kg	0.41kg

Handpiece / 手機

Ultrasonic Handpiece / 超音波手機	φ 33x145mm	φ 33x145mm	φ 33x145mm
Weight / 重量	260g	260g	260g
Rotary Handpiece / 旋轉手機	φ 31.6x164mm	None/無	None/無
Weight / 重量	275g	None/無	None/無



Ultrasonic Lapping Machine / 超音波振動銼磨機

UL-660 Dual-function type / 雙功能型



- * This dual-function machine provides you the versatility of both ultrasonic and mechanical polishing.
- * Max. 45 watts output, provides excellent polishing and finishing performance.
- * Standard unit supplied with one each of ultrasonic and straight rotary handpiece.
- * 5-level ultrasonic and 10-level DC motor output to suit difference type of tools and polishing works.
- * 超音波及電動手機雙功率輸出，提供您多重功能之各種研磨及拋光作業。
- * 本機器提供超音波、電動旋轉雙手機。
- * 最大45瓦之輸出，提供高效率的研磨、拋光性能。
- * 5段超音波及10段DC馬達功率輸出，提供更完整的加工需求。

UL-630 Single-function type / 單功能型



- * Ultrasonic polishing only.
- * Max. 45 watts output, provides excellent polishing and finishing performance.
- * 5 level ultrasonic output to suit difference type of tools and polishing works.
- * 超音波研磨單功能機。
- * 最大45瓦之輸出，提供高效率的研磨、拋光性能。
- * 5段超音波功率輸出，滿足各種加工需求。

U-Lap106 Economic & General type / 經濟泛用型



- * A new design machine with a reliable quality and good performance.
- * Attractive price would absolutely change your image of an expensive ultrasonic unit.
- * Not only effective for lapping but also slithering printed circuit board(PCB) for circuit amendment.
- * 具有可信賴的品質及良好性能的全新設計機種。
- * 誘人的價格，打破超音波研磨機是很昂貴的觀念。
- * 除了超音波研磨外，且可用於電子業，做電路板(PCB)之電子迴路修改及寶石業之精細雕刻、研磨。



Air Lapper / 氣動銼磨機

AR-050 Economic & General type / 經濟泛用型



Model / 型號	AR-050
Stroke(mm) / 行程	0.5
Speed(stroke/min.) / 速度	45,000
Weight / 重量	220g
Dimension(mm) / 尺寸	φ 23x185L

- * Extra high speed, high torque.
- * Features in efficiency polishing and deburring or chamfering work.
- * 超高速、高扭力機種。
- * 適用於高效率之研磨及清除毛邊或倒角。

AR-030 Strong & Durable type / 強力耐用型



Model / 型號	AR-030	AR-070
Stroke(mm) / 行程	0.3	0.7
Speed(stroke/min.) / 速度	40,000	35,000
Weight / 重量	200g	200g
Dimension(mm) / 尺寸	φ 28x200L	φ 28x200L

- * Driven by turbine air motor.
- * Low noise, low vibration and durable tool life.
- * AR-030 suits for detail areas lapping.
- * AR-070 suits for general purpose polishing and finishing process of mold and die.
- * 使用氣動渦輪馬達。
- * 低噪音、低振動、壽命長。
- * AR-030適合模具細微部份之加工。
- * AR-070適用於高效率及較大面積之研磨。

AR-300 Long trip type / 大行程型



Model / 型號	AR-300
Stroke(mm) / 行程	3.0
Speed(stroke/min.) / 速度	10,000
Weight / 重量	250g
Dimension(mm) / 尺寸	φ 23x200L

- * High-torque, quiet-running and low vibration.
- * Long reciprocating stroke suitable for lapping big surfaces, and excellent for deburring or chamfering works of die casting parts.
- * 高扭力、低噪音、低振動。
- * 較長行程適合大面積之研磨，並適合各種鑄件之清除毛邊及倒角。



Air Lapper / 氣動銼磨機

SAR-070 Widthwise type / 橫向型



- * Side-to-side stroke.
- * Special design enable the easiest method of changing the consuming or worn out parts.
- * Ideal for filing, lapping and polishing shallow surfaces, deep ribs and parting lines. Will not slip away from sharp edges.

- * 特殊設計使主要磨耗零件十分容易更換。
- * 氣動左右橫擺行程。
- * 適合模具淺溝、深肋及公母模接合面等之研磨，防止研磨時工具滑落而傷及模具之銳角。

Model / 型號	SAR-070
Stroke(mm) / 行程	0.7
Speed(stroke/min.) / 速度	15,000
Weight / 重量	250g
Dimension(mm) / 尺寸	φ 18x180L

Tool Holder for Air Lapper / 氣動銼磨機夾頭配備表

	φ 3.0mm & 1mm slot	1mm slot	3.2x13mm holder	3.2mm slot	6.3x13mm holder	Adjustable holder
Oder No. 訂購編號	664	665	661	662	667	666
AR-050	○	△	△	○	△	○
AR-030	○	○	△	○	×	○
AR-070	○	○	△	○	△	○
AR-300	○	△	○	×	○	○
SAR-070	○	○	○	×	×	×
○:Standard holder / 標準 △:Optional holder / 選配 ×:Not recommend / 不須要						

Lapping Tools for "Ultrasonic Lapping Machine" & "Air Lapper" 銼磨工具用於"超音波振動銼磨機" & "氣動銼磨機"

Ceramic Super Stone 超級油石	Sintered Diamond Files 金屬結合鑽石銼刀	Diamond Tip Files 鑽石銼刀 / FA系列	Diamond Tapper Files 鑽石平斜銼刀

For detail information see at page7-8 / 詳細資料請參閱第7-8頁



Air Grinder / 氣動刻磨機

AG-260 Economic & General type / 經濟泛用型



Model / 型號	AG-260
Speed(rpm) / 轉速	60,000
Weight / 重量	130g
Dimension(mm) / 尺寸	φ 17x159L

- * Reliable quality and competitive price.
- * Fixed type collet chuck: φ 3.0mm is standard, φ 3.175mm collet are available upon your request.

- * 性能好，可信賴的品質及誘人的價格。
- * 夾頭不可更換：標準品為 φ 3.0mm 夾頭，φ 3.175mm 請指明選購。

AG-360 Strong & Silent type / 強力靜音型



Model / 型號	AG-360
Speed(rpm) / 轉速	60,000
Weight / 重量	140g
Dimension(mm) / 尺寸	φ 20x160L

- * High-torque, quiet-running and well balance.
- * Ideal for precision grinding and finishing works.
- * Replaceable collet chuck: φ 3.0mm is standard, φ 2.34 and φ 3.175mm collet are available upon your request.

- * 高扭力、低噪音、精密型刻磨機。
- * 適用於精密研磨及修整作業。
- * 可更換式夾頭：標準夾頭為 φ 3.0mm，φ 2.34 或 φ 3.175mm 為選購夾頭。

AG-460 Dual-collet & Heavy duty type / 雙夾頭重負荷型



Model / 型號	AG-460
Speed(rpm) / 轉速	35,000
Weight / 重量	170g
Dimension(mm) / 尺寸	φ 22x180L

- * High torque, heavy-duty, general-purpose applicable on deburring, chamfering, milling and finishing the welded surfaces etc.
- * Dual collet chuck: φ 3.0 / φ 6.0mm is standard, φ 3.175 / φ 6.35mm collet is available.

- * 重負荷、高扭力，泛用型適於清除毛邊、倒角、鋸鋼刀銑磨及焊接面磨除等。
- * 雙夾頭兩用型：標準為 φ 3.0 / φ 6.0mm 夾頭，φ 3.175 / φ 6.35mm 請指明選購。

AG-45 Angle Surface Grinder / 平面研磨機



Model / 型號	AG-45
Speed(rpm) / 轉速	23,500
Weight / 重量	180g
Dimension(mm) / 尺寸	φ 17x153L

- * 45 degree angle surface grinder.
- * Collet chuck: M7 screw Shaft for mounting abrasive cup wheels and abrasive paper disc.
- * Ideal for surface grinding, chamfering, deburring and finishing the welded surfaces etc.

- * 45度彎頭平面研磨機，適用於平面研磨，倒角及焊接面之修整。
- * 夾頭：M7螺桿，可鎖接碗形輪或紗布片。



Air Grinder / 氣動刻磨機

AG-90 Angle Surface Grinder / 平面研磨機



- * 90 degree angle surface grinder.
- * Collet chuck: M7 screw shaft for mounting abrasive cup wheels and abrasive paper disc.
- * Ideal for surface grinding chamfering, deburring and finishing the welded surfaces etc.
- * 90度彎頭平面研磨機，適用於平面研磨，倒角及焊接面之修整。
- * 夾頭：M7螺桿，可鎖接碗形輪或紗布片。

Model / 型號	AG-90
Speed(rpm) / 轉速	23,500
Weight / 重量	170g
Dimension(mm) / 尺寸	φ 17x140L

Grinding Tools available for "Air Grinder" 刻磨工具用於"氣動刻磨機"

Diamond mounted points / 鑽石磨棒



Diamond mounted points
鑽石磨棒



Abrasive mounted points
帶柄砂輪



Felt bobs
羊毛輪



Resinoid points
牛皮磨棒



Rubberize points
海棉磨棒



Ceramic points
陶瓷磨棒



Rubber pad
橡膠皿



Paper disc
砂布片



Cup wheel
碗型砂輪



For detail information see at page 9-14 / 詳細資料請參閱第9-14頁



ing Tools / 銼磨工具



建議

Application / 使用建議

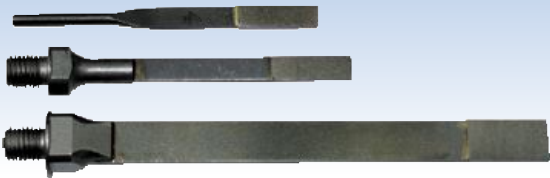
#180,#250,#280	To remove the rough machining surface or hard scale of EDM machining of tool and die steels. 模具放電加工後之硬化表層去除及機械切削粗糙刀痕之去除。
#360,#400	General lapping of fine surface or scratch line of tool & die steels. 細微加工痕跡之去除及一般拋光。
#700,#1200	Fine polishing and finishing / 精密研磨或鏡面處理前之拋光。
φ 3.0mm Round / 圓柱	It can be used like grinding point(max.length 50mm)or by sharpened for lapping on small corner and slot of mold. 可搭配刻磨機當成研磨棒使用(最大長度50mm),亦可將之磨尖用於細微角落或窄縫處之銼磨

Specification / 規格

Unit:mm

T x W x L (φ DXL)	Grit & Order No. / 粒度 & 訂購編號						
	#180 Brown/咖啡色	#250 Orange/橘色	#280 Black/黑色	#360 Navy blue/海軍藍	#400 Blue/藍色	#700 Yellow/黃色	#1200 Red/紅色
1x4x50	CSC-1004S	CSO-1004S	CSD-1004S	CSN-1004S	CSB-1004S	CSY-1004S	CSR-1004S
1x4x100	CSC-1004	CSO-1004	CSD-1004	CSN-1004	CSB-1004	CSY-1004	CSR-1004
1x6x50	CSC-1006S	CSO-1006S	CSD-1006S	CSN-1006S	CSB-1006S	CSY-1006S	CSR-1006S
1x6x100	CSC-1006	CSO-1006	CSD-1006	CSN-1006	CSB-1006	CSY-1006	CSR-1006
1x10x50	CSC-1010S	CSO-1010S	CSD-1010S	CSN-1010S	CSB-1010S	CSY-1010S	CSR-1010S
1x10x100	CSC-1010	CSO-1010	CSD-1010	CSN-1010	CSB-1010	CSY-1010	CSR-1010
φ 3x50	CGC-30S	CGO-30S	CGD-30S	CGN-30S	CGB-30S	CGY-30S	CGR-30S
φ 3x100	CGC-30	CGO-30	CGD-30	CGN-30	CGB-30	CGY-30	CGR-30

Sintered Diamond files / 金屬結合鑽石銼刀



Unit:mm

Diagram	L	T	Shape 形狀	Grit 粒度	Order No. 訂購編號
	54	20		#200 #400 #600	MMF-615F MMF-615V MMF-615X
	72	20		#200 #400 #600	MDT-02F MDT-02V MDT-02X
	105	20		#200 #400 #600	MDT-03F MDT-03V MDT-03X

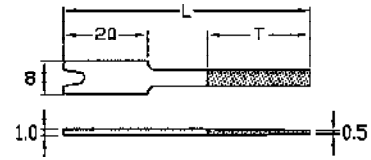
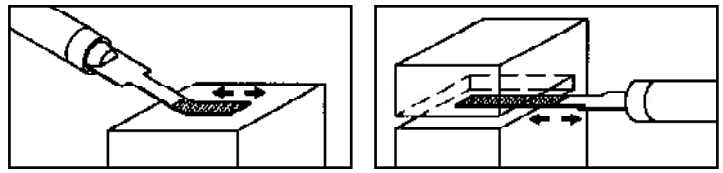
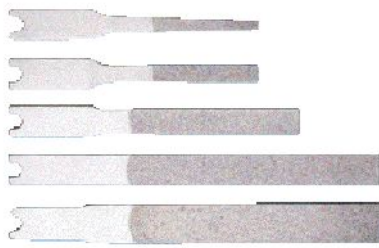
Special design for air lapper or ultrasonic lapping machine / 電動及氣動超音波銼磨機專用



Lapping Tools / 銼磨工具

Diamond Tip Files / FA series

鑽石平斜銼刀 / FA系列



Unit:mm	L	T	Shape 形狀	Grit 粒度	Order No. 訂購編號
	60	25		#150	FA-426J
				#200	FA-426F
				#400	FA-426V
	60	25		#150	FA-446J
				#200	FA-446F
				#400	FA-446V
	70	40		#150	FA-667J
				#200	FA-667F
				#400	FA-667V
	70	40		#150	FA-887J
				#200	FA-887F
				#400	FA-887V
	70	40		#150	FA-107J
				#200	FA-107F
				#400	FA-107V

Diamond Tapper Files

鑽石平斜銼刀



12pcs / set pvc pouch

Order No: MTF-100

pvc套裝12支組

訂購編號：MTF-100

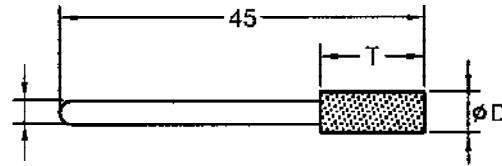
Unit:mm	L	T	Shape 形狀	Grit 粒度	Order No. 訂購編號
	72	15		#200	MTF-13F
				#400	MTF-13V
				#600	MTF-13X
	72	15		#200	MTF-16F
				#400	MTF-16V
				#600	MTF-16X
	56	15		#200	MTF-23F
				#400	MTF-23V
				#600	MTF-23X
	56	15		#200	MTF-26F
				#400	MTF-26V
				#600	MTF-26X



Grinding Tools / 刻磨工具

Diamond mounted points (3.0 shank) / 鑽石磨棒 (柄3.0)

BM series / BM系列



ø3.0 or ø1/8" Shank

Unit:mm

øD	ø1	ø1.5	ø2	ø2.5	ø3	ø3.5	ø4	ø5	ø2	
T	8	8	8	8	10	10	10	10	8	
Order No. 訂購編號	10A	15A	20A	25A	30A	35A	40A	50A	15C	20C

øD	ø2.5	ø3	ø3.5	ø4	ø5	ø2	ø3	ø5	ø2	
T	8	10	10	10	10	-	-	-	10	
Order No. 訂購編號	25C	30C	35C	40C	50C	20B	30B	50B	20T	30T

øD	ø3	ø1.5	ø2	ø3	ø2	ø3	ø2	ø3	ø5	
T	10	10	12	14	12	15	10	10	6	
Order No. 訂購編號	30V	15R	20R	30R	20P	30P	20F	30F	50F	30S

Grit size / 粒度 : ø 2.0~ø 5.0mm-#120, under / 小於 ø 1.5mm-#150



Order No. / 訂購編號 : **BMS-30** or / 或 **BLS-30**

BMS-30: 30pcs/set 30 支組
(set in ø 3.0mm shank / 柄徑 ø 3.0mm)

BLS-30: 30pcs/set 30 支組
(set in ø 1/8" shank / 柄徑 ø 1/8")

30pcs assortment set:
Contains one each of above points.
組裝內容 : 上述磨棒各一支。



Order No. / 訂購編號 : **BMS-20** or / 或 **BLS-20**

BMS-20: 20pcs/set 20 支組
(set in ø 3.0mm shank / 柄徑 ø 3.0mm)

BLS-20: 20pcs/set 20 支組
(set in ø 1/8" shank / 柄徑 ø 1/8")

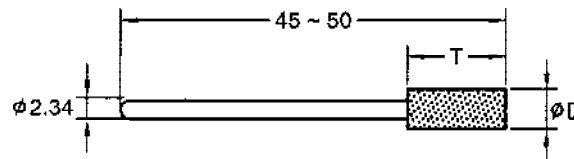
20pcs assortment set:
Contains one each of below.
組裝內容 : 下述磨棒各一支。
BM-10A, 15A, 20A, 25A, 30A, 35A, 15C, 20C,
25C, 30C, 20P, 30P, 15R, 20R, 30R, 20B,
30B, 20F, 30F, 20T.



Grinding Tools / 刻磨工具

Diamond mounted points (2.34 shank) / 鑽石磨棒 (柄2.34)

BH series / BH系列



Unit:mm

Order no. 訂購編號	BH11A	BH14A	BH19A	BH24A	BH27A	BH32A	BH39A	BH49A	BH14R	BH24R
φD	1.1	1.4	1.9	2.4	2.7	3.2	3.9	4.9	1.4	2.4
T	7	7	7	7	7	7	10	10	10	13

Order no. 訂購編號	BH20B	BH24B	BH30B	BH35B	BH39B	BH14C	BH19C	BH29C	BH39C	BH49C
φD	2.0	2.4	3.0	3.5	3.9	1.4	1.9	2.9	3.9	4.9
T	-	-	-	-	-	7	7	7	10	10

Order no. 訂購編號	BH18P	BH24P	BH29P	BH42P	BH14T	BH19T	BH26T	BH30S	BH30Y	BH17J
φD	1.8	2.4	2.9	4.2	1.4	1.9	2.6	3.0	3.0	1.7
T	10	12	14	6	7	7	7	6	-	10

Grit size / 粒度 : φ 2.0~φ 5.0mm-#120, under / 小於 φ 1.5mm-#150



Order No. / 訂購編號 : BHS-30

BHS-30: 30pcs/set 30 支組
(set in φ 2.34mm shank / 柄徑 φ 2.34mm)

30pcs assortment set:
Contains one each of above points.
組裝內容 : 上述磨棒各一支。



Order No. / 訂購編號 : BHS-20

BHS-20: 20pcs/set 20 支組
(set in φ 2.34mm shank / 柄徑 φ 2.34mm)

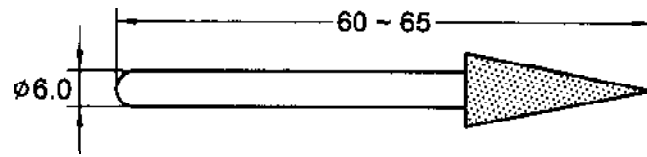
20pcs assortment set:
Contains one each of below.
組裝內容 : 下述磨棒各一支。
BH-11A, 14A, 19A, 24A, 27A, 32A, 14C, 19C, 18P, 24P, 20B, 24B, 35B, 14T, 19T, 26T, 30S, 30Y, 17J, 42P.



Grinding Tools / 刻磨工具

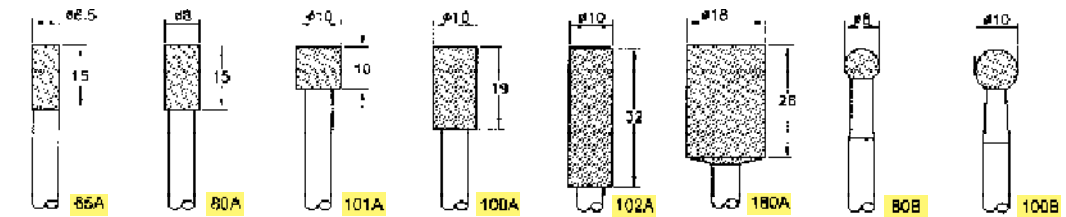
Diamond mounted points (6.0 shank) / 鑽石磨棒 (柄6.0)

BC series / BC系列

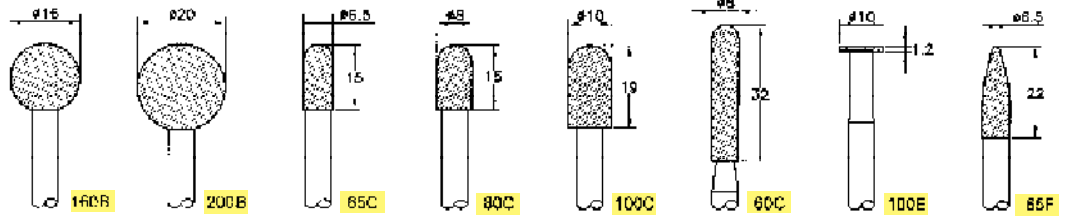


Unit:mm

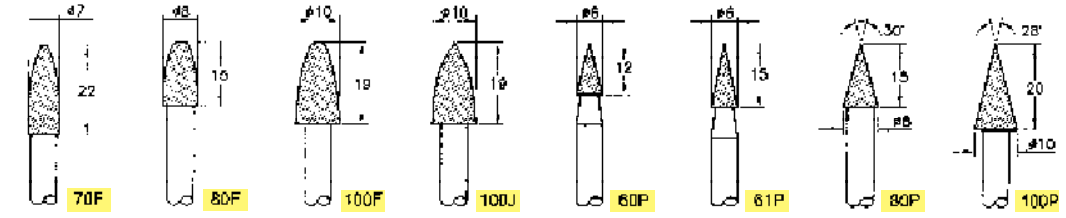
Order No. / 訂購編號 **BC**



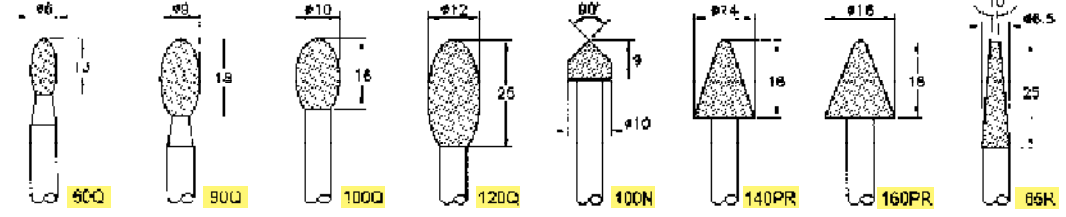
Order No. / 訂購編號 **BC**



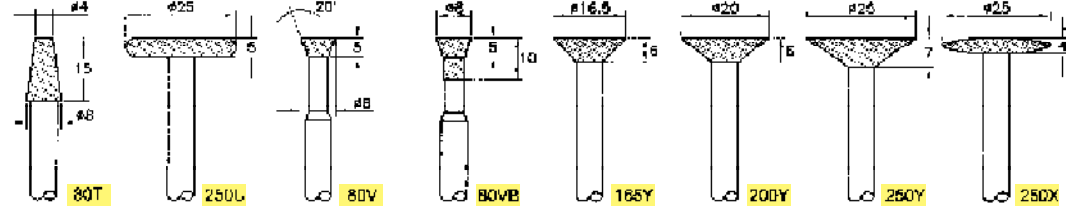
Order No. / 訂購編號 **BC**



Order No. / 訂購編號 **BC**



Order No. / 訂購編號 **BC**



Grit / 粒度 : #40, #60, #100. Please specify grit when ordering / 訂購時請註明粒度



Order No. / 訂購編號 : **BC-10**

BC-10: 10pcs/set 10 支組
(set in ϕ 6.0mm shank / 柄徑 ϕ 6.0mm)

10pcs assortment set:

Contains one each of below.

組裝內容：下述磨棒各一支。

BC-80B, 80V, 100E, 65C, 80A, 80P, 80T, 65F
80F, 65R.

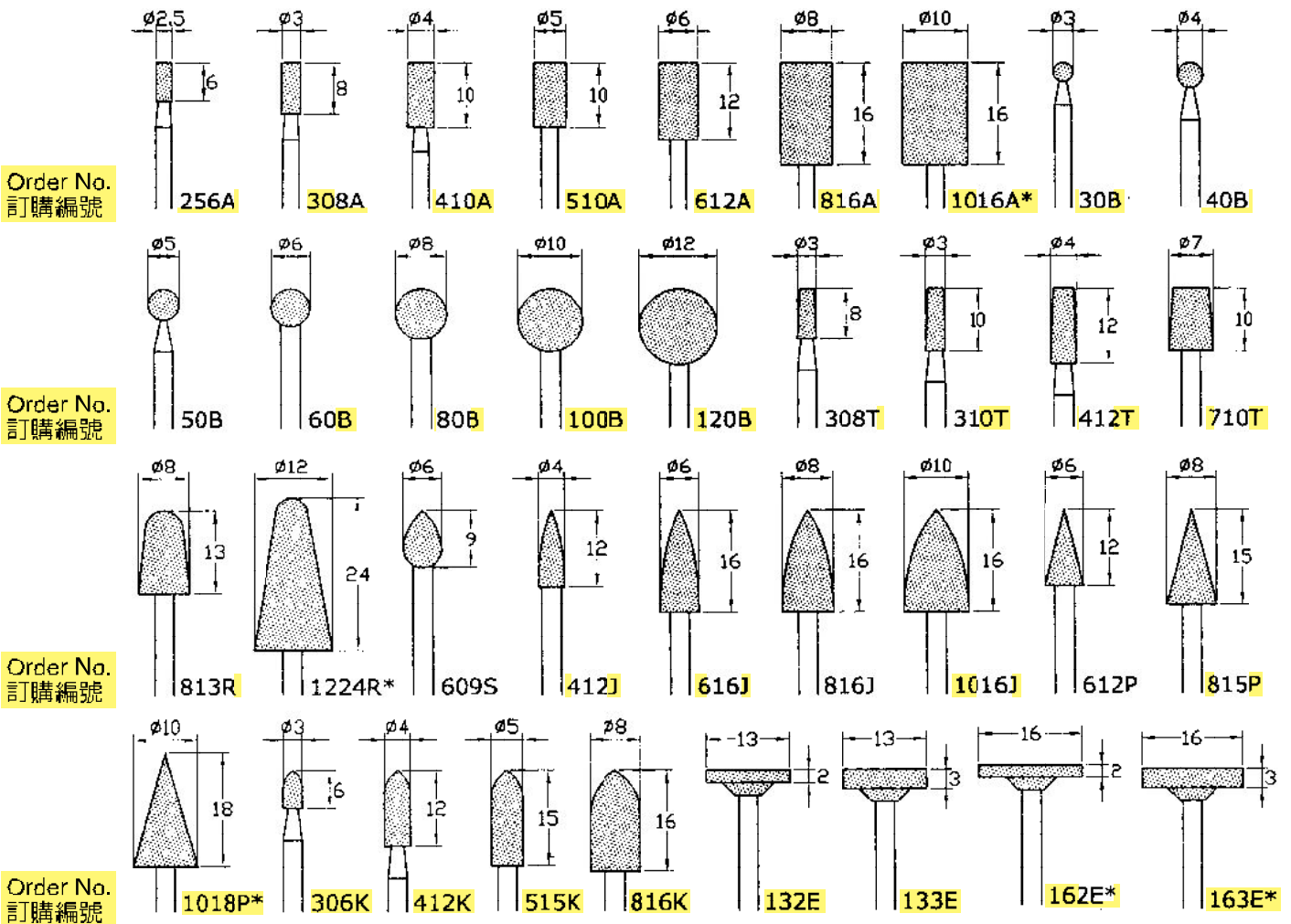


Grinding Tools / 刻磨工具

Abrasive mounted points / 帶柄砂輪



Unit:mm



Note / 說明 :

1. Standard shank is $\phi 3.0\text{mm}$, and $\phi 2.34\text{mm}$ or $\phi 1/8''\text{mm}$ are available on your request, but minimum quantity 1,000 are required.

標準柄徑為 $\phi 3.0\text{mm}$ ，其它柄徑 $\phi 2.34\text{mm}$ 或 $\phi 1/8''\text{mm}$ 請指明訂購，最低訂購量為1,000支。

2. The item with "*" mark, just available for $\phi 3.0\text{mm}$ & $\phi 1/8''\text{mm}$ shank.

有 "*" 記號者，只供應柄徑 $\phi 3.0\text{mm}$ 及 $\phi 1/8''$ 。



Grinding Tools / 刻磨工具

Felt bobs / 羊毛輪



Order No. 訂購編號	AB-0408A	AB-0509A	AB-0610A	AB-0810A	AB-1014A	AB-1220A	AB-2020A
Order No. 訂購編號	AB-0408C	AB-0509C	AB-0610C	AB-0810C	AB-1013C	AB-1214C	AB-1220C
Order No. 訂購編號	AB-0410J	AB-0512J	AB-0616J	AB-0817J	AB-1014J	AB-1020J	AB-1220J
Order No. 訂購編號	AB-1225J	AB-08B	AB-10B	AB-12B	AB-18B	AB-1014R	AB-1225R
Order No. 訂購編號	AB-1218T	AB-1218H					

Unit:mm

Note / 說明 :

- The "Felt bobs" only offer shank ϕ 3.0mm.
本羊毛輪系列只提供柄徑 ϕ 3.0mm。



Grinding Tools / 刻磨工具

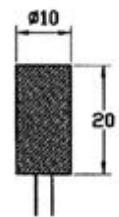
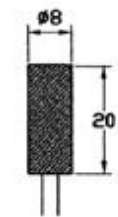
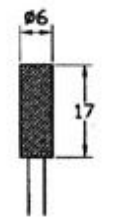
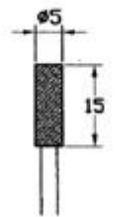
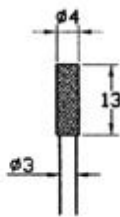
Resinoid points / 牛皮磨棒



Rubberize points / 海棉磨棒



Ceramic points / 陶瓷磨棒



	Grit Size/ 粒度	Order No./ 訂購編號				
Resinoid point/牛皮磨棒	#120	N413	N515	N617	N820	N1020
Rubberize point/海棉磨棒	#120	R413	R515	R617	R820	R1020
Ceramic point 陶瓷磨棒	#220	C413F	C515F	C617F	C820F	C1020F
	#320	C413V	C515V	C617V	C820V	C1020V
	#400	C413S	C515S	C617S	C820S	C1020S
	#600	C413X	C515X	C617X	C820X	C1020X

Rubber pad / 橡膠皿



Order No. / 訂購編號 : **AGP-01**

Paper disc / 紗布片

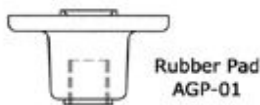
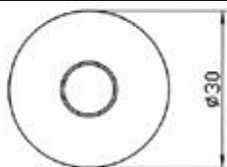


Order No. / 訂購編號 : **AGS-01**

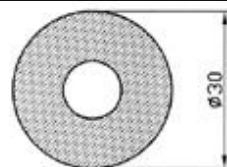
Cup wheel / 碗形砂輪



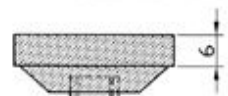
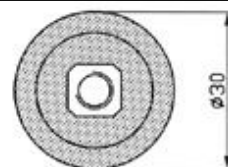
Order No. / 訂購編號 : **AGC-01**



Rubber Pad
AGP-01



Paper Disc
AGS-01



Cup Wheels
AGC-01

Order No. / 訂購編號	Grit size available / 粒度	Unit / 單位
AGP-01	-	piece
AGS-01	#60, @100, #150, #240, #320, #400	150 pcs./box
AGC-01	#60, #100, #150	48 pcs./box

Please specify grit size when ordering / 訂購時請指明粒度

Product Categories:

Ultrasonic Lapping Machines
Air Lappers
Air Grinders
Ceramic Super Stones
Diamond Files
Diamond Mounted Points
Abrasive Mounted Points
Felt Bobs
Resinoid Points
Rubberize Points
Ceramic Points
Cup Wheels

產品系列：

超音波振動銼磨機
氣動銼磨機
氣動刻磨機
超級纖維油石
鑽石銼刀
鑽石磨棒
砂輪磨棒
羊毛輪
牛皮磨棒
海棉磨棒
陶瓷磨棒
碗形砂輪

EARTH-CHAIN ENTERPRISE CO., LTD.
儀辰企業股份有限公司

No.54, Alley 85 Shan-Tiaur-Tzuhn Lane, Jung-Chi RD.,
Sha-Luh, 433 Taichung, Taiwan

台灣省台中縣433沙鹿鎮中棲路三條圳巷85弄54號

Tel:+886-4-2665-6767(5線)

Fax:+886-4-2665-3712

Web-site://www.earth-chain.com.tw

E-mail:ece.richard@msa.hinet.net

Agent / 代理商