

精密鑽石平斜銼刀組 Diamond Hand Taper Files

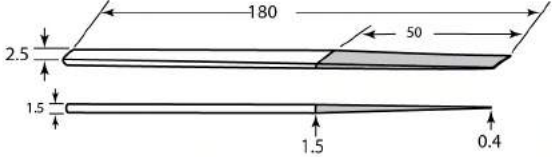
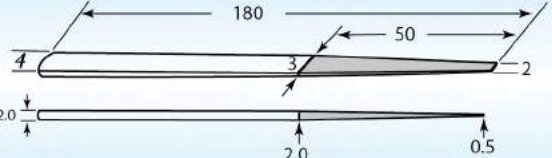
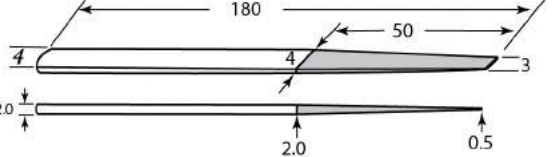
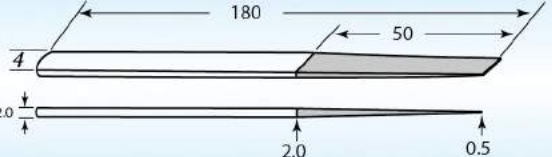
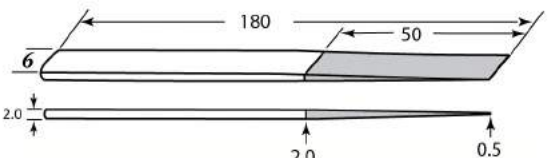
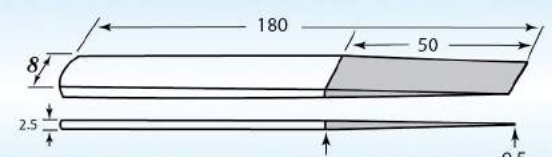
180Lx50TxW


FC-06 6支組
6pcs/Set

FC-12 12支組
12pcs/Set

CF-400 12支組
12pcs/Set

Unit:mm

型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度 Grit Size	單價 Price
FC-402M		180	50	● #100	
FC-402J		180	50	● #150	
FC-402F		180	50	● #200	
FC-402V		180	50	● #400	
FC-402X		180	50	● #600	
FC-423M		180	50	● #100	
FC-423J		180	50	● #150	
FC-423F		180	50	● #200	
FC-423V		180	50	● #400	
FC-423X		180	50	● #600	
FC-434M		180	50	● #100	
FC-434J		180	50	● #150	
FC-434F		180	50	● #200	
FC-434V		180	50	● #400	
FC-434X		180	50	● #600	
FC-404M		180	50	● #100	
FC-404J		180	50	● #150	
FC-404F		180	50	● #200	
FC-404V		180	50	● #400	
FC-404X		180	50	● #600	
FC-406M		180	50	● #100	
FC-406J		180	50	● #150	
FC-406F		180	50	● #200	
FC-406V		180	50	● #400	
FC-406X		180	50	● #600	
FC-408M		180	50	● #100	
FC-408J		180	50	● #150	
FC-408F		180	50	● #200	
FC-408V		180	50	● #400	
FC-408X		180	50	● #600	

180Lx50TxW



新品



FCT-06 6支組 6pcs/Set

FCT-12 12支組 12pcs/Set

Unit:mm

型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刀長 T	粒度 Grit Size	單價 Price
FCT-20J		180	50	● #150	
FCT-20F		180	50	● #200	
FCT-20V		180	50	● #400	
FCT-20X		180	50	● #600	
FCT-23J		180	50	● #150	
FCT-23F		180	50	● #200	
FCT-23V		180	50	● #400	
FCT-23X		180	50	● #600	
FCT-34J		180	50	● #150	
FCT-34F		180	50	● #200	
FCT-34V		180	50	● #400	
FCT-34X		180	50	● #600	
FCT-40J		180	50	● #150	
FCT-40F		180	50	● #200	
FCT-40V		180	50	● #400	
FCT-40X		180	50	● #600	
FCT-60J		180	50	● #150	
FCT-60F		180	50	● #200	
FCT-60V		180	50	● #400	
FCT-60X		180	50	● #600	
FCT-80J		180	50	● #150	
FCT-80F		180	50	● #200	
FCT-80V		180	50	● #400	
FCT-80X		180	50	● #600	

FAT-12

超薄平斜鑽石銼刀組
Super Thin Diamond Taper Files

180Lx40TxW

新品



FAT-12

12支組
12pcs/Set

說明：

1. 專對窄縫模具加工。
(手機模、電視、電腦外殼模具...等)
2. 鑽石面超精細、平整、角度夠直。
3. 銼刀合金經熱處理，硬度高、彈性高、不易變形。

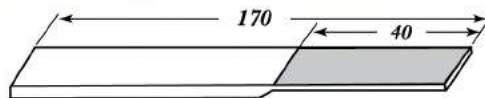
Precisely manufactured from the highest quality diamond, excellent surface finish. With heat treatment & stringent electroplating standards, provide excellent durability to each file. Polishers have easy access in difficult areas, such as ribs and slots, with our diamond files.

型號 Model No.	形狀尺寸 Shape Dimension Unit:mm	刀寬 W	長度 L	刀長 T	粒度 Grit Size	單價 Price
FAT-02J		2	180	40	● #150	
FAT-02F		2	180	40	● #200	
FAT-02V		2	180	40	● #400	
FAT-02X		2	180	40	● #600	
FAT-04J		4	180	40	● #150	
FAT-04F		4	180	40	● #200	
FAT-04V		4	180	40	● #400	
FAT-04X		4	180	40	● #600	
FAT-06J		6	180	40	● #150	
FAT-06F		6	180	40	● #200	
FAT-06V		6	180	40	● #400	
FAT-06X		6	180	40	● #600	

FS-80

單面鑽石銼刀組
One Side Diamond Files

(170Lx40T)



Unit:mm

5支組
5pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刀長 T	粒度 / Grit Size			單價 Price
				Cross Section	#100	#200	
FS-802		170	40		●	●	
FS-804		170	40		●	●	
FS-806		170	40		●	●	
FS-808		170	40		●	●	

130Lx30Tx ϕ 3.0B



FPT-10

10支組
10pcs/Set



FPT-12

12支組
12pcs/Set

Unit:mm

型號 Model No.	形狀尺寸 Shape Dimension	刃寬 W	長度 L	刃長 T	粒度 Grit Size	單價 Price
FPT-12M		2	130	30	● #100	
FPT-12J		2	130	30	● #150	
FPT-12F		2	130	30	● #200	
FPT-12V		2	130	30	● #400	
FPT-12X		2	130	30	● #600	
FPT-14M		4	130	30	● #100	
FPT-14J		4	130	30	● #150	
FPT-14F		4	130	30	● #200	
FPT-14V		4	130	30	● #400	
FPT-14X		4	130	30	● #600	
FPT-16M		6	130	30	● #100	
FPT-16J		6	130	30	● #150	
FPT-16F		6	130	30	● #200	
FPT-16V		6	130	30	● #400	
FPT-16X		6	130	30	● #600	
FPT-103M		3	140	50	● #100	
FPT-103J		3	140	50	● #150	
FPT-103F		3	140	50	● #200	
FPT-103V		3	140	50	● #400	
FPT-103X		3	140	50	● #600	
XH-22	銼刀夾柄 / Tool Holder 					
XH-12						

FPT-10: 10支組 10pcs/set

Contents:FPT-12F, 12V, 12X, 14F, 14V, 14X, 16F, 16X, 16V, FPT-103X

FPT-12: 12支組 12pcs/set

Contents:FPT-12J, 12F, 12V, 12X, 14J, 14F, 14V, 14X, 16J, 16F, 16V, 16X

FTM-Series

精密機械用鑽石平斜短銼刀組
Diamond Machine Taper Files

72~56Lx15Tx φ 3.0



FTM-10

 10支組
10pcs/Set


FTM-12

 12支組
12pcs/Set


FCM-12

 12支組
12pcs/Set

Unit:mm

型號 Model No.	形狀尺寸 Shape Dimension	刃寬 W	長度 L	刃長 T	粒度 Grit Size	單價 Price
FTM-13M		3	72	15	● #100	
FTM-13J		3	72	15	● #150	
FTM-13F		3	72	15	● #200	
FTM-13V		3	72	15	● #400	
FTM-13X		3	72	15	● #600	
FTM-16M		6	72	15	● #100	
FTM-16J		6	72	15	● #150	
FTM-16F		6	72	15	● #200	
FTM-16V		6	72	15	● #400	
FTM-16X		6	72	15	● #600	
FCM-23M		3	56	15	● #100	
FCM-23J		3	56	15	● #150	
FCM-23F		3	56	15	● #200	
FCM-23V		3	56	15	● #400	
FCM-23X		3	56	15	● #600	
FCM-26M		6	56	15	● #100	
FCM-26J		6	56	15	● #150	
FCM-26F		6	56	15	● #200	
FCM-26V		6	56	15	● #400	
FCM-26X		6	56	15	● #600	

FTM-10: 10pcs/set

Contents:FTM-13F, 13V, 13X, 16F, 16V, 16X(Long), 23F, 23V, 26V, 26X(Shorter)

FTM-12: 12pcs/set

Contents(Marking*2pcs):FTM-13M, 13J, 13F*2, 13V, 13X, 16M, 16J, 16F*2, 16V, 16X(Long)

FCM-12: 12pcs/set

Contents(Marking*2pcs):FCM-23M, 23J, 23F*2, 23V, 23X, 26M, 26J, 26F*2, 26V, 26X(Shorter)

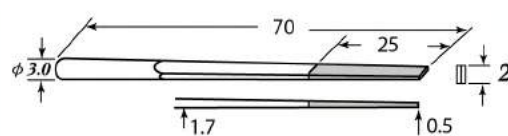
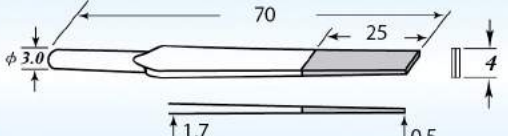
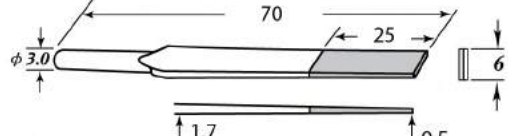
70Lx25Tx ϕ 3.0

FPTM-12

 12支組
12pcs/Set

Unit:mm

 12支組
12pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	刀寬 W	長度 L	刀長 T	粒度 Grit Size	單價 Price
FPTM-02M		2	70	25	● #100	
FPTM-02J		2	70	25	● #150	
FPTM-02F		2	70	25	● #200	
FPTM-02H		2	70	25	● #300	
FPTM-02V		2	70	25	● #400	
FPTM-02X		2	70	25	● #600	
FPTM-04M		4	70	25	● #100	
FPTM-04J		4	70	25	● #150	
FPTM-04F		4	70	25	● #200	
FPTM-04H		4	70	25	● #300	
FPTM-04V		4	70	25	● #400	
FPTM-04X		4	70	25	● #600	
FPTM-06M		6	70	25	● #100	
FPTM-06J		6	70	25	● #150	
FPTM-06F		6	70	25	● #200	
FPTM-06H		6	70	25	● #300	
FPTM-06V		6	70	25	● #400	
FPTM-06X		6	70	25	● #600	

說明：

1. 此型平斜短銼台金質量佳、尺寸準、厚度薄、角度直。
2. 鑽石表面超平整不重疊。
3. 專用於電動式超音波拋光機及氣動往覆機上，使用效果特佳。

A full range of files, including standard, single sided, double sided, slim, fine micro head, and diamond plated.

Available in Flat, Round or Machine (Short) for use by hand, with a air grinder or in a reciprocating profilers.

FAM-Series

鑽石白銅片銼刀
Diamond Needle Files

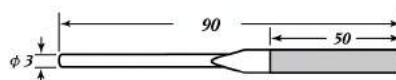
新品

型號 Model No.	形狀尺寸 Shape Dimension Unit:mm	刀寬 W	長度 L	刀長 T	粒度 Grit Size	單價 Price
FAM-30L		17	135	30	● #100	
					● #200	
FAM-30		17	105	15	● #400	

 1支組
1pc/Set

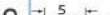
※另有白銅片貼背膠砂紙

FPM-10

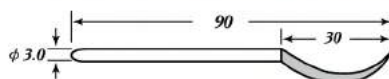
90Lx50Tx ϕ 3.0機械用精密鑽石短銼刀組
Diamond Machine Needle Files

Unit:mm

5支組
5pcs/Set

型 號 Model No.	形 狀 尺 寸 Shape Dimension	柄徑 φ B	長度 L	刃長 T	粒 度 / Grit Size					單 價 Price	
					Cross Section	#100	#150	#200	#400		#600
FPM-101		3	90	50							
FPM-102		3	90	50							
FPM-103		3	90	50							
FPM-104		3	90	50							
FPM-105		3	90	50							

FBM-60

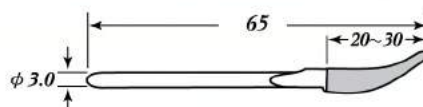
90Lx30Tx ϕ 3.0B機械用異型五支組鑽石短銼刀
Diamond Machine Bent Files

Unit:mm

5支組
5pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	柄徑 ϕ B	長度 L	刃長 T	粒度/Grit Size			單價 Price
					Cross Section	#150	#200	
FBM-601		3	90	30				
FBM-602		3	90	30				
FBM-603		3	90	30				
FBM-604		3	90	30				
FBM-605		3	90	30				

FBM-90

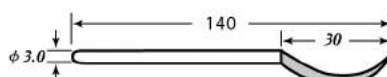
65Lx20~30Tx ϕ 3.0B機械用異型鑽石短銼刀組
Diamond Machine Bent Files

Unit:mm

10支組
10pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	柄徑 ϕ B	長度 L	刃長 T	粒度/Grit Size				單價 Price
					Cross Section	#150	#200	#400	
FBM-901		3	65	20~30					
FBM-902		3	65	20~30					
FBM-903		3	65	20~30					
FBM-904		3	65	20~30					
FBM-905		3	65	20~30					
FBM-906		3	65	20~30					
FBM-907		3	65	20~30					
FBM-908		3	65	20~30					
FBM-909		3	65	20~30					
FBM-910		3	65	20~30					

FB-60

140Lx30Tx ϕ 3.0B異型五支鑽石銼刀組
Diamond Bent Files5支組
5pcs/Set

Unit:mm

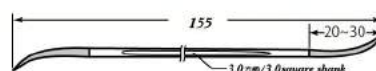
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刀長 T	粒度/Grit Size			單價 Price
				Cross Section	#150	#200	#400
FB-601		140	30		●	●	●
FB-602		140	30		●	●	●
FB-603		140	30		●	●	●
FB-604		140	30		●	●	●
FB-605		140	30		●	●	●

FB-80

155Lx20T~30Tx $\square$ 3.0B

異型鑽石雙頭銼刀組

Diamond Bent Files(Double Heads)

6支組
6pcs/Set

Unit:mm

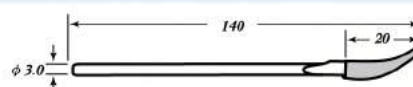
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刀長 T	粒度/Grit Size			單價 Price
				Cross Section	#150	#200	
FB-801		155	20~30		●	●	
FB-802		155	20~30		●	●	
FB-803		155	20~30		●	●	
FB-804		155	20~30		●	●	
FB-805		155	20~30		●	●	
FB-806		155	20~30		●	●	

FB-90

140Lx20Tx ϕ 3.0B

異型十支組鑽石銼刀組

Diamond Bent Files

10支組
10pcs/Set

Unit:mm

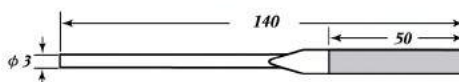
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刀長 T	粒度/Grit Size			單價 Price
				Cross Section	#150	#200	#400
FB-901		140	20		●	●	●
FB-902		140	20		●	●	●
FB-903		140	20		●	●	●
FB-904		140	20		●	●	●
FB-905		140	20		●	●	●
FB-906		140	20		●	●	●
FB-907		140	20		●	●	●
FB-908		140	20		●	●	●
FB-909		140	20		●	●	●
FB-910		140	20		●	●	●

FP-10

140Lx50Tx φ 3.0B



精密鑽石銼刀組 Diamond Needle Files



Unit:mm

5支組
5pcs/Set

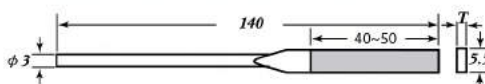
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size					單價 Price
				#100	#150	#200	#400	#800	
FP-101		140	50						
FP-102		140	50						
FP-103		140	50						
FP-104		140	50						
FP-105		140	50						

FP-70

140Lx40~50Tx φ 3.0B



精密平薄型鑽石銼刀組 Thin Flat Type Diamond Files



Unit:mm

5支組
5pcs/Set

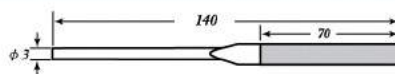
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size			單價 Price
				#150	#200	#400	
FP-705		140	40				
FP-708		140	50				
FP-710		140	50				

FP-10L

140Lx70Tx φ 3.0B



長刃型精密銼刀組 Sel Diamond Needle Files



Unit:mm

10支組
10pcs/Set

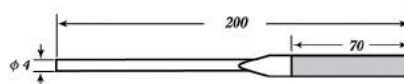
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size			單價 Price
				#100	#200	#400	
FP-101L		140	70				
FP-102L		140	70				
FP-103L		140	70				
FP-104L		140	70				
FP-105L		140	70				
FP-106L		140	70				
FP-107L		140	70				
FP-108L		140	70				
FP-109L		140	70				
FP-110L		140	70				

FP-20

200Lx70Tx ϕ 4.0B



精密鑽石銼刀組 Diamond Needle Files



Unit:mm

5支組
5pcs/Set

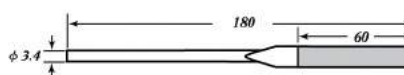
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size		單價 Price
				#100	#200	
FP-201		200	70			
FP-202		200	70			
FP-203		200	70			
FP-204		200	70			
FP-205		200	70			

FP-30

180Lx60Tx ϕ 3.4B



精密鑽石銼刀組 Diamond Needle Files



Unit:mm

5支組
5pcs/Set

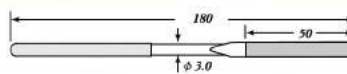
型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size		單價 Price
				#100	#200	
FP-301		180	60			
FP-302		180	60			
FP-303		180	60			
FP-304		180	60			
FP-305		180	60			

FPL-10

180Lx50Tx ϕ 3.0B



精密加長型鑽石銼刀組 Sel Diamond Needle Files



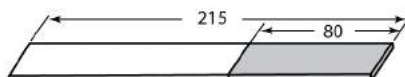
Unit:mm

10支組
10pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size		單價 Price
				#200	#400	
FPL-101		180	50			
FPL-102		180	50			
FPL-103		180	50			
FPL-104		180	50			
FPL-105		180	50			
FPL-106		180	50			
FPL-705		180	50			
FPL-708		180	50			
FPL-03		180	50			
FPL-02		180	50			

FI-50

215Lx80TxW

鐵工鑽石銼刀組
Diamond Hand Files

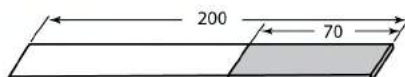
Unit:mm

5支組
5pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size			單價 Price
				Cross Section	#100	#200	
FI-501		215	80		●	●	
FI-502		215	80		●	●	
FI-503		215	80		●	●	
FI-504		215	80		●	●	
FI-505		215	80		●	●	

FI-70

200Lx70TxW

鐵工鑽石銼刀組
Diamond Hand Files

Unit:mm

5支組
5pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刃長 T	粒度/Grit Size			單價 Price
				Cross Section	#100	#200	
FI-701		200	70		●	●	
FI-702		200	70		●	●	
FI-703		200	70		●	●	
FI-704		200	70		●	●	
FI-705		200	70		●	●	

FB-50

215Lx80TxW

新品

異型鐵工鑽石銼刀
Riffle Diamond Files

Unit:mm

5支組
5pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	粒度/Grit Size		單價 Price
		Cross Section	#100	
FB-501			●	
FB-502			●	
FB-503			●	
FB-504			●	
FB-505			●	

FAL-Series

精密鑽石銼刀組
Diamond Needle Files

DxTx φ BxL

新品


 5支組
5pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	刀徑 D	柄徑 φ B	長度 L	刃長 T	粒度 Grit Size	單價 Price
FA L -103L		3	3	180	50	● #100	
FA L -303L		3	3	200	85	● #100	
FA L -402L		4	4	200	70	● #100	
FA L -403L		4	4	200	85	● #100	
FA L -503L		5	5	200	80	● #100	

FLD-Series

精密鑽石通孔磨銼(加長型)
Diamond Perforate Taper Files

Dx100Tx210L

新品


 5支組
5pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	刀徑 D	長度 L	刃長 T	粒度 Grit Size	單價 Price
FLD-1101~ FLD-2930		1.5~3	210	100	● #100	
FLD-3031~ FLD-3940		3.1~4	210	100	● #100	
FLD-4041~ FLD-4950		4.1~5	210	100	● #100	
FLD-5051~ FLD-5960		5.1~6	210	100	● #100	
FLD-6061~ FLD-6970		6.1~7	210	100	● #100	

FAB-Series

尖型加長鑽石銼刀組
Cone Sel Diamond Files

LxTx Dx φ B

新品

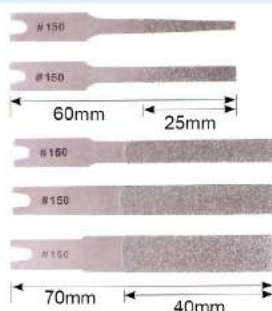

 10支組
10pcs/Set

型號 Model No.	形狀尺寸 Shape Dimension	刀徑 D	柄徑 φ B	長度 L	刃長 T	粒度 Grit Size	單價 Price
FAB-15P		1.5	3	45	16	● #100 ● #200	
FAB-15PL		1.5	3	60	26	● #100 ● #200	
FAB-20PL		2	3	50	25	● #100 ● #200	
FAB-25PL		2.5	3	55	35	● #100 ● #200	
FAB-30PL		3	3	70	38	● #100 ● #200	
FAB-48PL		4.8	3	55	26	● #100 ● #200	
FAB-20PXL		2.0	3	70	45	● #100 ● #200	
FAB-23PXL		2.3	3	65	40	● #100 ● #200	
FAB-25PXL		2.5	3	70	45	● #100 ● #200	
FAB-30PXL		3.0	3	70	50	● #100 ● #200	

FAS-100T

鑽石銼刀片組
Diamond Tip Files

新品



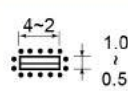
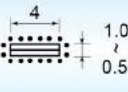
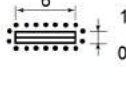
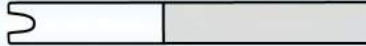
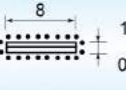
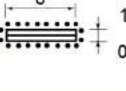
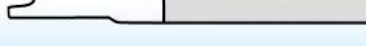
Unit:mm

特點：

- * 富彈性，可彎曲研磨。
- * 厚度只有1mm，適合狹縫研磨。
- * 適合用於各種銼磨機及手持加工。

Features:

- 1) Flexibility for polishing and other hard-to-reach corners.
- 2) 1.0mm thick, best used for putting on a rib or slot...etc.
- 3) Excellent for use by hand or with all type of grinder or lapping machines.

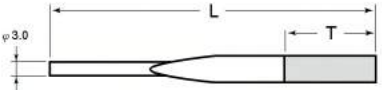
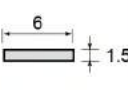
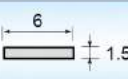
型 號 Model No.	形 狀 尺 寸 Shape Dimension	長度 L	刃長 T	形狀 Cross-Section	粒度 Grit Size	單價 Price
※ FA-426J		60	25		● #150	
※ FA-426F		60	25		● #200	
FA-426V		60	25		● #400	
※ FA-446J		60	25		● #150	
※ FA-446F		60	25		● #200	
FA-446V		60	25		● #400	
※ FA-667J		70	40		● #150	
※ FA-667F		70	40		● #200	
FA-667V		70	40		● #400	
FA-887J		70	40		● #150	
FA-887F		70	40		● #200	
FA-887V		70	40		● #400	
※ FA-889J		90	60		● #150	
※ FA-889F		90	60		● #200	
FA-889V		90	60		● #400	
FA-107J		70	40		● #150	
FA-107F		70	40		● #200	
FA-107V		70	40		● #400	
※ FA-109J		90	60		● #150	
※ FA-109F		90	60		● #200	
FA-109V		90	60		● #400	
XH-12					L:122mm	
FAS-100T	10支銼刀片組合：銼刀片如上有※記號+銼刀夾柄（XH-12） 10PCS/SET with tool holder/wooden case, containing one each of file which denoted by asterisk and one tool holder of XH-12					

金屬結合鑽石銼刀

Sintered Diamond Files

新品

Unit:mm

型號 Model No.	形狀尺寸 Shape Dimension	長度 L	刀長 T	形狀 Cross-Section	粒度 Grit Size	單價 Price
MMF-615F		72	20		● #200	
MMF-615V		72	20		● #400	
MMF-615X		72	20		● #600	
MDT-02F		70	20		● #200	
MDT-02V		70	20		● #400	

電動及氣動超音波研磨機專用 / Special design for air or ultrasonic lapping machine



應用範圍：

◎ 聚晶鑽石 (PCD)

銅合金、鋁合金

燒結碳化鎢及陶瓷

預燒結碳化鎢及陶瓷

高矽鋁合金

F. R. P.、硬橡膠、石墨

◎ 聚晶氮化硼 (PCBN)

硬化鋼材 (HRC 45~68)

耐熱鋼 (SUS)

超耐熱鋼：鎳基合金、鈷基合金

鑄鐵：冷激鑄鐵、接種鑄鐵

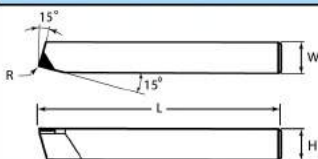
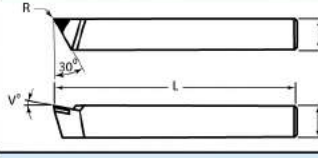
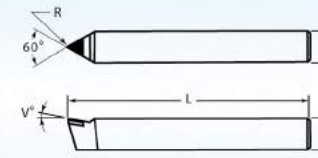
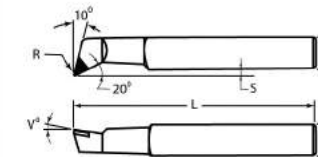
燒結合金鋼：鉻鉬鋼、鎳鉻鉬鋼

聚晶鑽石與聚晶氮化硼車刀與其他切削刀具比較，具有較高之硬度及耐耗磨性，因此使用 PCD、PCBN 的優點如下：

有較長之刀具壽命，提高工件加工精度及表面光澤度。降低工件加工成本以及提高機器生產力。

Polycrystalline Diamond (PCD) & Polycrystalline Cubic Boron Nitride (PCBN) Have higher hardness & abrasion resistance than other cutting tools, The Advantages of these features are : improving tool's life, providing better control over part size and surface finishes, reducing tool cost per machined part, and improving machine productivity.

Unit:mm

規格 Specifications.	型號 Model No.	材料 Tip Material	寬 W	高 H	長 L	柄角 R	刀角 V°	水平 S	單價 NT \$
 31型	PB4612-4G	PCBN	16	16	120	0.4	-	-	
	PB4613-4G	PCBN	19	19	140	0.4	-	-	
	PD-6732-5A	PCD	16	16	120	0.5	-	-	
	PD-6733-5A	PCD	19	19	140	0.5	-	-	
 33型	PD-6530-3F	PCD	10	10	80	0.3	10	-	
	PD-6531-3F	PCD	13	13	100	0.3	10	-	
	PD-6532-3F	PCD	16	16	120	0.3	10	-	
	PB-6630-4G	PCBN	10	10	80	0.4	-	-	
	PB-6631-4G	PCBN	13	13	100	0.4	-	-	
 34型	PB-6632-4G	PCBN	16	16	120	0.4	-	-	
	PD-6540-3F	PCD	10	10	80	0.3	10	-	
	PD-6541-3F	PCD	13	13	100	0.3	10	-	
	PD-6542-3F	PCD	16	16	120	0.3	10	-	
 35型	PD-6752-5A	PCD	16	16	120	0.5	-	-	
	PD-6753-5A	PCD	19	19	140	0.5	-	-	
	PD-6550-3F	PCD	10	10	80	0.3	10	-	
	PD-6551-3F	PCD	13	13	100	0.3	10	-	
	PD-6552-3F	PCD	16	16	120	0.3	10	-	
	PB-6650-4G	PCBN	10	10	80	0.4	-	-	
	PB-6651-4G	PCBN	13	13	100	0.4	-	-	
	PB-6652-4G	PCBN	16	16	120	0.4	-	-	
 37型	PD-6772-5A	PCD	16	16	120	0.5	-	2	
	PD-6773-5A	PCD	19	19	140	0.5	-	2	
	PD-6571-3F	PCD	13	13	100	0.3	10	2	
	PD-6572-3F	PCD	16	16	120	0.3	10	2	
	PB-6672-4G	PCBN	16	16	120	0.4	-	2	
	PB-6673-4G	PCBN	19	19	140	0.4	-	2	