



河北小鲨工具有限公司

HEBEI SHARKY FILES AND TOOLS CO., LTD

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SHARKY
FILES AND TOOLS

HEBEI SHARKY FILES AND TOOLS CO., LTD

河北小鲨工具有限公司

SINCE 1970'S

河北小鲨工具有限公司，始创于1970年代，当时主要以生产木工伐锯锉为主，服务于晋冀鲁豫地区的木工手工业者。后随时代发展，我们逐渐拓展产品线，以满足不同客户的需求。目前已发展成为国内领先的锉刀工具生产商，产品出口至美、日、欧等地区，深受好评。

我司拥有相对完善的产品线，良好的服务态度，严格的品质监控流程，欢迎出口企业和五金行业同仁莅临洽谈。

Since 1970's, **Hebei Sharky Files And Tools Co., Ltd** have been the major files maker in the local area.

The whole Sharky team work closely together with our business partners to develop and create the best product solutions. Till now, we have help many big and small brands to built their own files line.

Now, Sharky Files means sharp, reliable, and with long lasting performance. This is just what the most users need. Sharky is committed to share success and exceeding customers' expectations.

How To Find Us

We are located in Nanhe county, 40 minutes car drive to Xingtai high speed train station, which is 30 minutes to the Shijiazhuang Airport, and 100 minutes to Beijing by train.

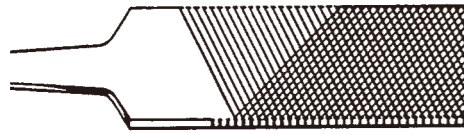
We can arrange to pick up you from Xingtai high speed train station when you come to visit us.



INDEX

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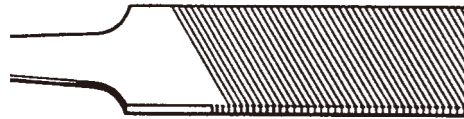
FILE TEETH CUT TYPE 锉齿类型



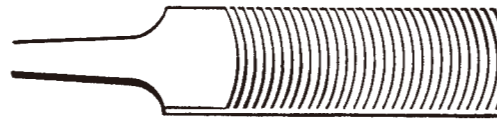
- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws.



- Series of individual teeth which are formed by a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead.



- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece.



- Teeth arranged in curved contours across the file face
- Curved-cut file is normally used in automotive body shops for smoothing body panels.

FILE TEETH COARSENESS 锉齿粗糙度对比

	DOUBLE CUT-BASTARD HIEB 1 / BATARDE / BASTARDA		SINGLE CUT
	DOUBLE CUT-SECOND CUT HIEB 2 / DEMI-DOUCE / ENTREFINA		MILLED CUT CURVED TEETH - BASTARD
	DOUBLE CUT-SMOOTH HIEB 3 / DOUCE / MUZA		MILLED CUT CURVED TEETH - SECOND
	DOUBLE CUT-DEAD SMOOTH		MILLED CUT CURVED TEETH - SMOOTH
	RASP CUT- BASTARD		MILLED CUT STRAIGHT TEETH WITH CHIPBREAKER - BASTARD
	RASP CUT- SECOND		MILLED CUT STRAIGHT TEETH WITH CHIPBREAKER - SECOND
	RASP CUT- SMOOTH		MILLED CUT STRAIGHT TEETH WITH CHIPBREAKER - SMOOTH

FILE SHAPE 锉截面形状

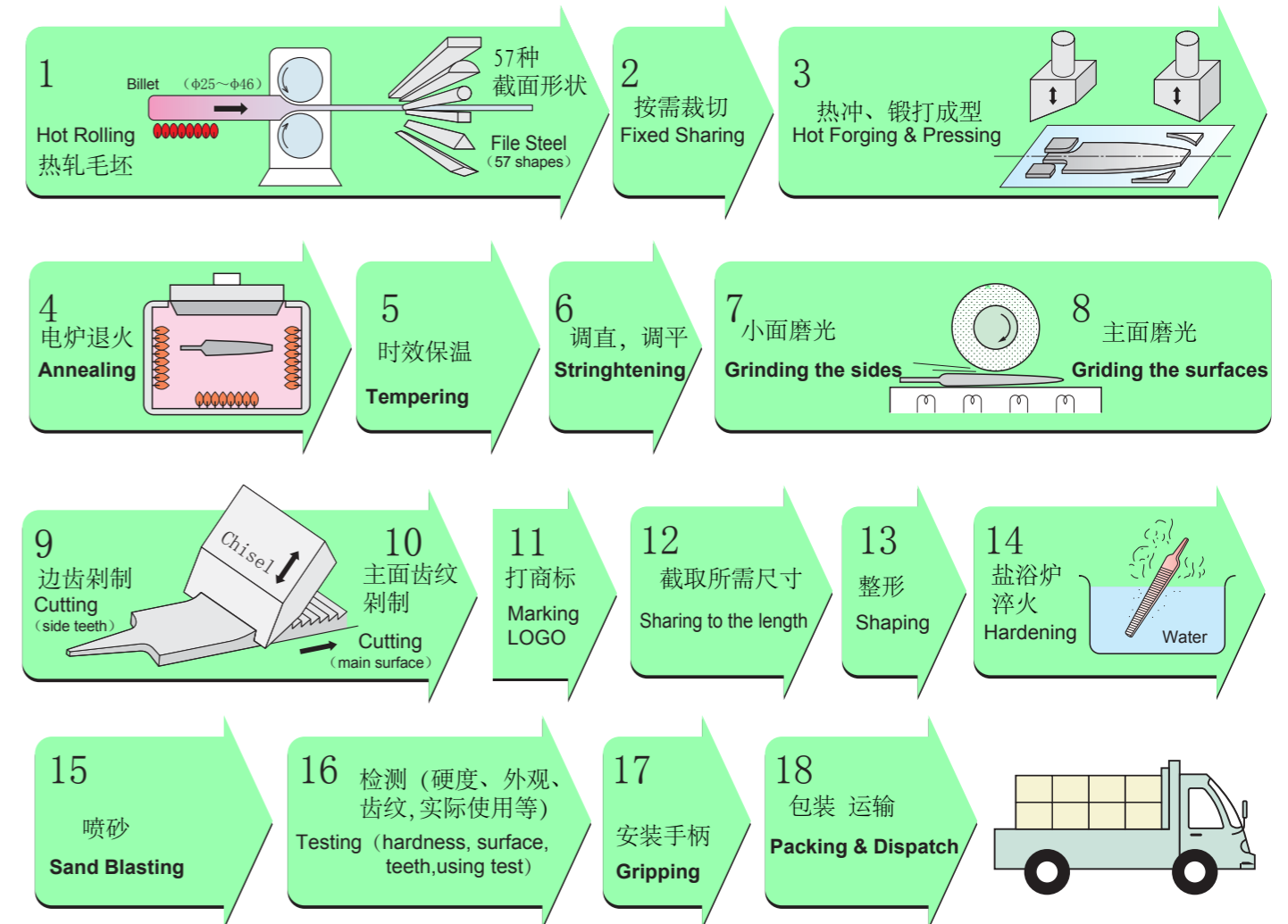


- Area to be filed will determine specific cross-section (round, square, flat, etc.) to be used.

FILE STEEL TECH DETAIL 材质分析

KIND OF STEEL	CHEMICAL COMPOSITION {%						HEAT TREATMENT		HARDNESS
	C	Si	Mn	P	S	Cr	ANNEALING	HARDENING	
45# STEEL	0.45	0.4	0.6~0.8	0.04	0.04	-	720~760 °C Slow cooling	740~770 °C Water Quenching	HRC ≥ 35
T12、T12A T13、T13A	1.2~1.5	0.2~0.35	0.2~0.35	0.035	0.035	0.2~0.5	750~800 °C Slow cooling	780~820 °C Water Quenching	HRC ≥ 58

FILE PRODUCING PROCESS 锉刀生产流程



钳工锉
ENGINEER'S FILES
WERKSTATTFEILEN
LIMAS PARA MECÁNICO
Слесарные напильники

HAND / FLACHSTUMPF 齐头扁锉
PLANA PARALELA / ПЛОСКИЙ ТУПОНОСЫЙ



LENGTH	INCH	4"	5"	6"	8"	10"	12"	14"	16"	18"
	mm	100	125	150	200	250	300	350	400	450
Section	mm	12x2.5	14x3	16x3.5	20x4.5	24x5.5	28x6.5	32x7.5	36x8.5	40x9.5
Bastard	ITEM No.	01041	01051	01061	01081	01101	01121	01141	01161	01181
Second	ITEM No.	01042	01052	01062	01082	01102	01122	01142	01162	01182
Smooth	ITEM No.	01043	01053	01063	01083	01103	01123	01143	01163	01183

FLAT / FLACHSPITZ 尖头扁锉
PLANA PUNTA / ПЛОСКИЙ ОСТРОНОСЫЙ



LENGTH	INCH	4"	5"	6"	8"	10"	12"	14"	16"	18"
	mm	100	125	150	200	250	300	350	400	450
Section	mm	12x2.5	14x3	16x3.5	20x4.5	24x5.5	28x6.5	32x7.5	36x8.5	40x9.5
Bastard	ITEM No.	02041	02051	02061	02081	02101	02121	02141	02161	02181
Second	ITEM No.	02042	02052	02062	02082	02102	02122	02142	02162	02182
Smooth	ITEM No.	02043	02053	02063	02083	02103	02123	02143	02163	02183

THREESQUARE / DREIKANT 三角锉
TRIANGULAR / ТРЕХГРАННЫЙ



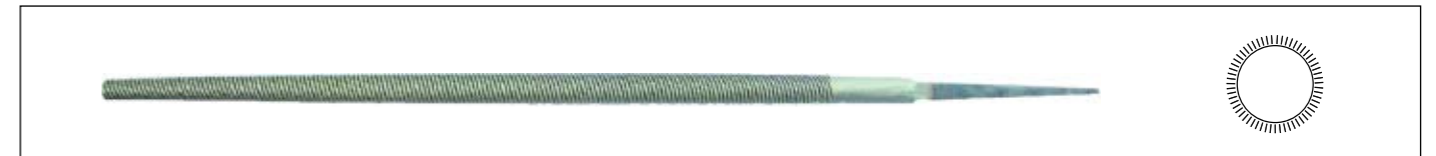
LENGTH	INCH	4"	5"	6"	8"	10"	12"	14"	16"	18"
	mm	100	125	150	200	250	300	350	400	450
Section	mm	8x8	9.5x9.5	11x11	13x13	16x16	19x19	22x22	26x26	28x28
Bastard	ITEM No.	03041	03051	03061	03081	03101	03121	03141	03161	03181
Second	ITEM No.	03042	03052	03062	03082	03102	03122	03142	03162	03182
Smooth	ITEM No.	03043	03053	03063	03083	03103	03123	03143	03163	03183

HALFROUND / HALBRUND 半圆锉
MEDIA CAÑA / ПОЛУКРУГЛЫЙ



LENGTH	INCH	4"	5"	6"	8"	10"	12"	14"	16"	18"
	mm	100	125	150	200	250	300	350	400	450
Section	mm	12x3.5	14x4.0	16x4.5	20x5.5	24x7.0	28x8.0	32x9.0	36x10	40x11
Bastard	ITEM No.	04041	04051	04061	04081	04101	04121	04141	04161	04181
Second	ITEM No.	04042	04052	04062	04082	04102	04122	04142	04162	04182
Smooth	ITEM No.	04043	04053	04063	04083	04103	04123	04143	04163	04183

ROUND / ROUN 圆锉
REDONDA / КРУГЛЫЙ



LENGTH	INCH	4"	5"	6"	8"	10"	12"	14"	16"	18"
	mm	100	125	150	200	250	300	350	400	450
Section	mm	3.5	4.5	5.5	7.0	9.0	11	14	18	20
Bastard	ITEM No.	05041	05051	05061	05081	05101	05121	05141	05161	05181
Second	ITEM No.	05042	05052	05062	05082	05102	05122	05142	05162	05182
Smooth	ITEM No.	05043	05053	05063	05083	05103	05123	05143	05163	05183


SQUARE / VIERKANT 方锉
CUADRADA / КВАДРАТНЫЙ



LENGTH	INCH	4"	5"	6"	8"	10"	12"	14"	16"	18"
	mm	100	125	150	200	250	300	350	400	450
Section	mm	3.5x3.5	4.5x4.5	5.5x3.5	7.0x7.0	9.0x9.0	11x11	14x14	18x18	22x22
Bastard	ITEM No.	06041	06051	06061	06081	06101	06121	06141	06161	06181
Second	ITEM No.	06042	06052	06062	06082	06102	06122	06142	06162	06182
Smooth	ITEM No.	06043	06053	06063	06083	06103	06123	06143	06163	06183


锯锉
SAW FILES / SÄGEFEILEN
LIMAS PARA SIERRAS /
Заточные напильники

MILL SAW HAND / MÜHLSÄGE 齐头米尔锉
PLANA PARA SIERRA / Универсальный заточной




LENGTH	INCH	6"	8"	10"	12"	14"
	mm	150	200	250	300	350
Section	mm	16×3.5	20×4.5	24×5.5	28×6.5	32×7.5
ITEM No.		08061	08081	08101	08121	08141

MILL SAW TAPERED / BRETT-SÄGEFEILE 尖头米尔锉
PLANA PUNTADA / Универсальный заточной




LENGTH	INCH	6"	8"	10"	12"	14"
	mm	150	200	250	300	350
Section	mm	16×3.5	20×4.5	24×5.5	28×6.5	32×7.5
ITEM No.		09061	09081	09101	09121	09141

FEATHER EDGE SAW / SCHWERT-SÄGE 菱形锯锉
ESPADA / РОМБИЧЕСКИЙ




LENGTH	INCH	3"	3.5"	4"	5"	6"	8"	10"
	mm	75	90	100	125	150	200	250
Section	mm	18×2.3	18×2.3	20×3.0	25×3.5	28×4.0	32×5.0	30×5.0
ITEM No.		07031	07032	07041	07051	07061	07081	07010

DOUBLE ENDER FILE / Dreikant-Sägefeilen 双头三角锉
TRIANGULAR DOBLE / Двухсторонний заточной напильник



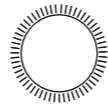
LENGTH	INCH	6"	7"	8"	9"
	mm	150	175	200	225
Section	mm	6.1	6.1	7.2	9.0
ITEM No.		21061	21081	21101	21121



		重型 三角锯锉 HEAVY TAPER Triangulaire pour scies lourde (Tiers-point) Triangular pesada	普通 三角锯锉 REGULAR TAPER Triangulaire pour scies régulier Triangular normal	窄型 三角锯锉 SLIM TAPER Triangulaire pour scies effilée Triangular delgada	特窄型 三角锯锉 EXTRA SLIM TAPER Triangulaire pour scies très effilée Triangular extra delgada	超特窄型 三角锯锉 DOUBLE EXTRA SLIM Triangulaire pour scies double extre effilée Triangular delgadísima	齐头 三角锯锉 BAND SAW Triangulaire pour machine à ruban bords ronds Sierra de cinta
Length Inches	Length MM	body width MM	body width MM	body width MM	body width MM	body width MM	body width MM
3	75	8-2	7-2	-	-	-	-
3-5	90	9-0	8-2	-	-	-	-
4	100	10-0	9-0	6-1	5-0	4-5	-
4-5	110	10.5	10-0	7-2	6-1	-	-
5	125	12.5	10-5	7-2	6-1	5-0	10-5
6	150	13-5	12.5	9-0	7-2	6-1	12-7
7	175	15.0	14-5	10-5	9-0	7-2	13-5
8	200	16.0	15.0	12.5	10-5	8-2	15.0
9	225	19.0	16.0	13-5	-	-	-
10	250	21-6	19-0	15.0	-	-	-

CHAIN SAW FILES 链锯锉

Sharky European Style Round Chain Saw Files, with a sharp spiral cut, are especially designed for sharpening round hooded and semi-chisel chain saw teeth. They maintain proper shape in saw teeth and give them a completely smooth, scratch-free finish which produces a sharper, longer lasting cutting edge.



LENGTH	INCH	6"		8"							
	mm	150		200							
Section	Dia(mm/in)	4.0(5/32)	3.5(9/64)	4.0(5/32)	4.5(11/64)	4.8(3/16)	5.16(13/64)	5.5(7/32)	6.3(1/4)	7.0(9/32)	7.9(5/16)
ITEM No.		27061	27062	27081	27082	27083	27084	27101	27102	27103	27121



6" FLAT CHAIN SAW FILE

- Used to sharpen the top plate of saw chain.



CHAINSAW FILE GUIDE

- Chainsaw file guide makes the sharpening work with the fixed angle and strength.
- Before the sharpening, make sure the file is tight in the guide groove.
- Usually, the guide will be use with a replacement handle.




7" FLAT CHISEL BIT FILE

- Used to sharpen square chisel chain.



**HAND WOOD RASP / FLACH RASPELN 扁木锉
PLANA ESCOFINA / Плоский тупоносый рашпиль**

**木锉
RASPS/RASPELN
ESCOFINAS/Рашпили**




LENGTH	INCH	6"	8"	10"	12"
	mm	150	200	250	300
Section	mm	16×3.5	20×4.5	24×5.5	28×6.5
ITEM No.		22061	22081	22101	22121

**ROUND WOOD RASP / ROND RASPELN 圆木锉
REDONDA ESCOFINA / Круглый рашпиль**




LENGTH	INCH	6"	8"	10"	12"
	mm	150	200	250	300
Section	mm	5.5	7.0	9.0	11
ITEM No.		23061	23081	23101	23121

**HALFROUND WOOD RASP / HALBRUND RASPELN 半圆木锉
MEDIA CAÑA ESCOFINA / Полукруглый рашпиль**



LENGTH	INCH	6"	8"	10"	12"
	mm	150	200	250	300
Section	mm	16×4.5	20×5.5	24×7.0	28×8.0
ITEM No.		24061	24081	24101	24121

**CABINET RASP / KABINETT RASPELN 钢木半圆锉
P. EBANISTA / Кабинетный рашпиль**


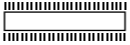


LENGTH	INCH	6"	8"	10"	12"
	mm	150	200	250	300
Section	mm	16×4.5	20×5.5	24×7.0	28×8.0
ITEM No.		20061	20081	20101	20121


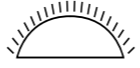


铝工锉
MILLED TOOTH FILES & BLADES
FRÄSERFEILEN UND -BLÄTTER
LIMAS Y HOJAS FRESADAS
Фрезерованные напильники



MILLED FILES CURVED TOOTH HAND / FRÄSERF. K. V. FLACH 铝扁锉
FRESADA DIENTES RED.PLANA / для цветных металлов ПЛОСКИЙ ТУПОНОСЫЙ

								
LENGTH	INCH	8"	10"	12"	14"	16"	18"	
	mm	200	250	300	350	400	450	
Section	mm	20x4.5	24x5.5	28x6.5	32x7.5	36x8.5	40x9.5	
ITEM No.		11081	11101	11121	11141	11161	11181	


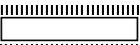
MILLED FILES CURVED TOOTH HALFROND / ZINNFEILEN HALBRUND 铝半圆锉
MEDIA CAÑA PARA ESTAÑO / для цветных металлов полукруглый

							
LENGTH	INCH	6"	8"	10"	12"	14"	
	mm	150	200	250	300	350	
Section	mm	16x4.5	20x5.5	24x7.0	28x8.0	32x9.0	
ITEM No.		10061	10081	10101	10121	10141	



MILLED BLADE CUVED TOOTH HAND / FRÄSERBLATT K. V. FLACH 双孔铝扁锉
HOJA FRESADA D. RED. PLANA / Фрезерованные

								
LENGTH	INCH	14" 350mm						
Section	mm	34x5.0						
Teeth Per Inch		6	7	8	9	10	11	
ITEM No.		12141	12142	12143	12144	12145	12146	


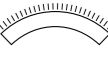
MILLED BLADE STRAIGHT TOOTH WITH CHIPBREAKER / 直齿双孔铝扁锉
BLATT SCHRÄG VERZAHNT MIT NUT

								
LENGTH	INCH	14" 350mm						
Section	mm	34x5.0						
Teeth Per Inch		6	7	8	9	10	11	
ITEM No.		13141	13142	13143	13144	13145	13146	


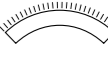
MILLED FILE STRAIGHT TOOTH HAND / FRÄSERF. S. V. FLACH 直齿铝扁锉
LIMA FRESADA DIENTES DIAGONAL PLANA / Фрезерованные напильники Плоский тупоносый

					
LENGTH	INCH	10"	12"	14"	
	mm	250	300	350	
Section	mm	25x6.0	28x6.0	32x7.0	
ITEM No.		30102	30122	30142	

MILLED FILE STRAIGHT TOOTH HALFROND HOLLOW / FRÄSERF. S. V. HALBRUND 铝半圆锉
LIMA FRESADA DIENTES DIAGONAL MEDIA CAÑA / Фрезерованные напильники Полукруглый вогнутый


				
LENGTH	INCH	8"	12"	
	mm	200	300	
Section	mm	23x4.5	27x5.0	
ITEM No.		30083	30123	

MILLED BLADE CUVED TOOTH HAND HALFROND / FRÄSERBLATT K. V. FLACH HALBRUND
HOJA FRESADA D. RED. PLANA / Фрезерованные 双孔铝半圆锉

								
LENGTH	INCH	14" 350mm						
Section	mm	34x5.0						
Teeth Per Inch		6	7	8	9	10	11	
ITEM No.		12141	12142	12143	12144	12145	12146	


异形锉
SPECIAL FILES
SONDERFEILEN
LIMAS ESPECIALES
напильники и рашпили

FARMERS' OWN / FARMERFEILE 农镰锉
FARMER'S OWN CABO HIERRO / ФЕРМЕРСКИЙ



LENGTH	INCH	8"	10"	12"
	mm	200	250	300
Section	mm	24x4.5	28x5.5	32x6.5
ITEM No.		14081	14101	14121

SHOE RASP / LEISTEN RASPELN 四合一锉/鞋锉
ESCOFINA P. ZAPATERO / ботинок рашпили



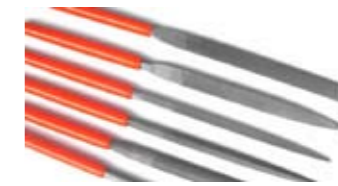
LENGTH	INCH	8"
	mm	200
Section		20x7.0
ITEM No.		25081

HORSE HOOF RASP TANGED & PLAIN / HUFRASPEL MIT ANGEL & DÜNN 马蹄锉
ESCOF. P. HERRAR CON & FINA / Рашпиль для подковс петель




LENGTH	INCH	12"	14"
	mm	300	350
Section	mm	32x6.5	40x7.5
ITEM No.		28121	28141

什锦锉
NEEDLE FILES / NADELFEILEN
LIMAS AGUDAS / напильники Надфили



● File cut



● Rasp cut

Hand, sharp edges / Flach, scharfkantig / Plana, cantos vivos / Плоский тупоносый



Flat, pointed, sharp edges / Flachspitz, scharfkantig / Plana punt., cantos vivos / Плоский остроносый



Halfround / Halbrund / Media caña / Полукруглый



Round / Rund / Redonda / Круглый



Square / Vierkant / Cuadrada / Четырёхгранный



Three sauqre / Dreikant / Triangular / Трёхгранный



Knife / Messer / Cuchilo / Ножевой



Barrette / Baret / Barette / Баретт



Crossing, sharp / Vogelzunge, schneidig / Almendrada / Птичий язык круглоовальный



Feather edge / Schwert / Espada / Мечевой напильник



Flat pointed round edges / Flachspitz rundkantig / Plate P. bords rounds / Плоский остроносый



Hand round edges / Flach, rundkantig / P. cantos redondos / Плоский тупоносый





Needle files set/Needle Rasps set

Φ3X140mmX10 Φ3X140mmX12 Φ4X160mmX7 Φ4X160mmX8 Φ4X160mmX10
Φ4X160mmX12 Φ5X180mmX5 Φ5X180mmX10 Φ5X180mmX12

SIZE	HAND	HALF ROUND	THREE SQUARE	SQUARE	ROUND	FLAT	KNIFE	BARRETTE	CROSSING	OVEL	JOINT ROUND	FEA THER EDGE
5PCS	●	●	●	●	●							
7PCS	●	●	●	●	●	●	●					
8PCS	●	●	●	●	●	●	●	●				
10PCS	●	●	●	●	●	●	●	●	●	●		
12PCS	●	●	●	●	●	●	●	●	●	●	●	●



Diamond Needle files set

Φ3X140mmX50/70 Φ3X160mmX50/70 Φ4X160mmX50/70
Φ4X180mmX50/70 Φ4X200mmX50/70 Φ5X200mmX50/70

SIZE	HAND	HALF ROUND	THREE SQUARE	SQUARE	ROUND	FLAT	KNIFE	BARRETTE	CROSSING	OVEL	JOINT ROUND	FEA THER EDGE
5PCS	●	●	●	●	●							
7PCS	●	●	●	●	●	●	●					
8PCS	●	●	●	●	●	●	●	●				
10PCS	●	●	●	●	●	●	●	●	●	●		
12PCS	●	●	●	●	●	●	●	●	●	●	●	●

繼柄

FILE HANDLES / Feilenhefte

MANGO PARA LIMAS / Рукоятки для напильников

■ Wood handles



HW-1 HW-2 HW-3 HW-4 HW-5 HW-6 HW-7

■ Handles for needle files



HN-1 HN-2 HN-3 HN-4 HN-5 HN-6

For fast stock removal
Work on multiple strokes
HN-1, HN-2, HN-3 are double color plastic handle, HN-4 is single color plastic handle;
HN-5 is plastic-dipped handle, HN-6 is wooden handle.



More and more new patterns continuing come into our list...

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FILE HANDLES / Feilenhefte

MANGO PARA LIMAS / Рукоятки для напильников



FILE HANDLES SIZE COMPARISON TABLE

Handle Size No.	File Size	Handle Length
1#	Needle file 3mm	55mm
2#	Needle file 4mm	60mm
3#	Needle file 5mm; Engineer file 4"	65mm
4#	File & rasp 6"	95mm
5#	File & rasp 8", 10"	115mm
6#	File & rasp 12", 14"	125mm

Single color plastic handles



Double color plastic handles (PP+TPR)



Note: All the plastic handle can be change to any color by customer requirement.



FURTHER PRODUCTS / ZUBEHÖR
OTROS PRODUCTOS / больше продуктов

HOLDER FOR MILLED TOOTH BLADES



Type A- Plastic body



Type B- Aluminum alloy body

FILE BRUSH



Type A - Steel wire brush



Type B - Bronze wire brush

Rasp plane / Surform planer rasp blade



RPB-1 FLAT 250mm X 40mm
Standard cut blade for trimming work



RPB-2 HALFRound 250mm X 40mm
For fast stock removal and shaping curved surfaces



RPB-3 ROUND Φ 16mm X 250mm
For enlarging holes and shaping tight curved surfaces



RPB-4 FLAT 140mm X 40mm
Fine cut for fine finishes on hard wood, end grain and some soft metals



RPB-5 FLAT 140mm X 40mm
For fast stock removal and works on pull stroke



RPB-6 FLAT 60mm X 40mm
For fast stock removal and works on pull stroke



RPB-7 CURVED 63mm X 42mm
Surform sharver replacement blade,
For fast stock removal and works on pull stroke

继刀单支包装
FILE INDIVIDUAL PACKAGE



TYPE-A
Tie on card



TYPE-B
Double blister card



TYPE-C
Tie on card



TYPE-D
Slide card



TYPE-E
Blister on card



TYPE-F
Double blister card



TYPE-G
Color paper sleeve



TYPE-H
Plastic hanger



TYPE-I
Plastic hanger



TYPE-J
Plastic sleeve



TYPE-K
Plastic pouch



TYPE-L
Canvas pouch

三支套装锉刀包装
3 PCS FILE / RASP SET



- FS3-1 8" 3 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1 pc flat file, 1 pc halfround file, 1 pc round file;
- With double color soft handle;
- PVC pouch packing.



- FS3-2 8" 3 PCS WOOD RASP SET;
- Made of 45# steel, hardened and tempered;
- Including 1 pc flat rasp, 1 pc halfround rasp, 1 pc round rasp;
- With mould plastic handle;
- PVC pouch packing.



- FS3-7 8" 3 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1 pc flat file, 1 pc halfround file, 1 pc round file;
- With double color soft handle;
- Canvas pouch packing.



- FS3-8 8" 3 PCS WOOD RASP SET;
- Made of 45# steel, hardened and tempered;
- Including 1 pc flat rasp, 1 pc halfround rasp, 1 pc round rasp;
- With double color soft handle;
- Canvas pouch packing.



- FS3-3 8" 3 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1 pc flat file, 1 pc halfround file, 1 pc round file;
- With double color soft handle;
- Color box packing.



- FS3-4 8" 3 PCS WOOD RASP SET;
- Made of 45# steel, hardened and tempered;
- Including 1 pc flat rasp, 1 pc halfround rasp, 1 pc round rasp;
- With double color soft handle;
- Color box packing.



- FS3-9 8" 3 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1 pc flat file, 1 pc halfround file, 1 pc round file;
- With double color soft handle;
- Tie on card packing.



- FS3-10 8" 3 PCS WOOD RASP SET;
- Made of 45# steel, hardened and tempered;
- Including 1 pc flat rasp, 1 pc halfround rasp, 1 pc round rasp;
- With double color soft handle;
- Tie on card packing.



- FS3-5 8" 3 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1 pc flat file, 1 pc halfround file, 1 pc round file ;
- With double color soft handle;
- Double blister packing.



- FS3-6 8" 3 PCS WOOD RASP SET;
- Made of 45# steel, hardened and tempered;
- Including 1 pc flat rasp, 1 pc halfround rasp, 1 pc round rasp;
- Mould plastic handle;
- Double blister packing.



- FS3-11 8" 3 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1 pc hand file, 1 pc halfround file, 1 pc round file;
- With double color soft handle;
- Halfround double blister packing.



- FS3-12 8" 3 PCS WOOD RASP SET;
- Made of 45# steel, hardened and tempered;
- Including 1 pc flat rasp, 1 pc halfround rasp, 1 pc round rasp;
- With double color soft handle;
- Slid card packing.

五件套包装
5 PCS FILE / RASP SET



- FS5-1 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- PVC pouch packing.



- FS5-2 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With mould plastic handle;
- PVC pouch packing with header card insert.



- FS5-7 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- Canvas pouch packing.



- FS5-8 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- Canvas pouch packing.



- FS5-3 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- Color box packing.



- FS5-4 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- Slid card packing.



- FS5-9 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- Plastic box packing.



- FS9-1 9 PCS ENGINEER FILE & NEEDLE FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 3pcs engineer file, hand, halfround, round, 6pcs needle file, flat, halfround, round, three square, square, hand;
- With double color soft handle;
- Plastic box packing.



- FS5-5 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- Double blister packing.



- FS5-6 8" 5 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file, 1pc square file;
- With double color soft handle;
- Tie on card packing.



- FS4-1 8" 4 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc file brush;
- With double color soft handle;
- Plastic box packing.

銼刀及什錦銼套裝包裝

FILE / RASP / NEEDLE FILE SET



- FS10-1 10 PCS ENGINEER FILE & NEEDLE FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 5pcs 8" engineer file, flat, halfround, round, three square, square. 5pcs 140MM needle file, flat, halfround, round, three square, square;
- With double color soft handle;
- Canvas pouch packing.



- FS4-2 8" 4 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc flat file, 1pc halfround file, 1 pc round file, 1pc three square file;
- With double color soft handle;
- Tie on card packing.



- FSN6-1 6 PCS NEEDLE FILE SET;
- Made of T12 steel, hardened and tempered;
- Including shape of flat, hand, round, halfround, three square, square;
- Available for size 3 x 150mm,4x160mm, 5 x 180mm.
- With double color soft handle;
- Plastic box packing.



- FSN6-2 6 PCS NEEDLE RASP SET;
- Made of 45# steel, hardened and tempered;
- Including shape of flat, hand, round, halfround, three square, square;
- Available for size 3 x 150mm,4x160mm, 5 x 180mm.
- With double color soft handle;
- Plastic box packing.



- FS4-3 8" 4 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc hand file, 1pc halfround file, 1 pc round file, 1pc three square file;
- With double color soft handle;
- Color box packing.



- FS4-4 8" 4 PCS ENGINEER FILE SET;
- Made of T12 steel, hardened and tempered;
- Including 1pc hand file, 1pc halfround file, 1 pc round file, 1pc three square file;
- With double color soft handle;
- Canvas pouch packing.



- FSN10-1 10 PCS DIAMOND NEEDLE FILE SET;
- 150 grit diamond coating;
- Including shape of flat, hand, round, halfround, three square, square, knife, barrette, crossing, ovel ;
- Available for size 3 x 150mm,4x160mm, 5 x 180mm.
- With dip plastic handle;
- Slid card packing.



- FSN10-2 10 PCS NEEDLE FILE SET;
- Made of T12 steel, hardened and tempered;
- Including shape of flat, hand, round, halfround, three square, square, knife, barrette, crossing, ovel ;
- Available for size 3 x 150mm,4x160mm, 5 x 180mm.
- With mould plastic handle;
- Double blister packing.



- FSN6-3 6 PCS NEEDLE FILE SET;
- Made of T12 steel, hardened and tempered;
- Including shape of flat, hand, round, halfround, three square, square;
- Available for size 3 x 150mm,4x160mm, 5 x 180mm.
- With wooden handle;
- Canvas pouch packing.



- FSN10-3 10 PCS NEEDLE FILE SET;
- Made of T12 steel, hardened and tempered;
- Including shape of flat, hand, round, halfround, three square, square, knife, barrette, crossing, ovel ;
- Available for size 3 x 150mm,4x160mm, 5 x 180mm.
- Without handle;
- PVC pouch packing.