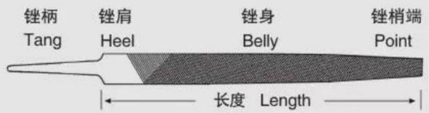
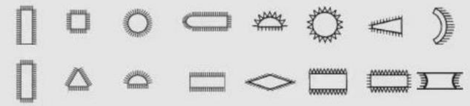
长度 Length



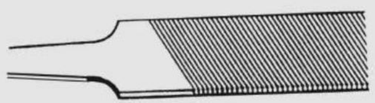
- 锉刀长度通常指从锉梢端至锉肩长度，特别说明的除外
- 锉刀长度的选择：根据工件材料和尺寸的大小，以及希望的锉削行程选择锉刀长度
- Length is measured exclusive of tang,from point to heel.unless specified otherwise
- Desired stroke length,type of material and size will determine length required

断面形状 Shape



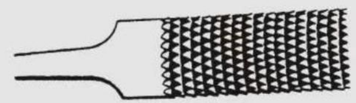
- 根据工件被锉削表面的形状选择锉刀形状
- Area to be filed will determine the type (round,square,flat,etc.)of the file to be used

单锉纹 Single-cut



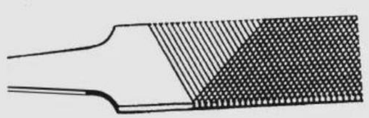
- 由一组单向、平行的锉齿构成
- 进行锉削所需压力较小，通常用于表面质量要求高的工件，或锉削刀、剪、锯的刃口
- Single set of parallel,diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a
- smooth surface finesh or to put a keen edge on knives,shears or saws

木锉 Wood rasp-cut



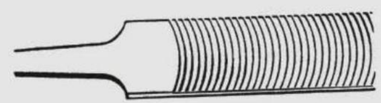
- 锉纹由单独的点齿构成，用单点工具成形
- 通常用于木材、马蹄、铝、铅、石膏等软材料，锉削速度快
- Series of individual teeth which are formed by a single-pointd tool
- Produces a rough cut that is used primarily on wood , hooves, aluminum, lead and gypsum etc.

双锉纹 Double-cut



- 由两组交叉的锉纹构成
- 主锉纹起主要锉削作用，主锉纹覆盖辅锉纹
- 两组锉纹的方向相反，锉纹斜角不同
- 进行锉削所需压力较大，锉削材料的速度快
- 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 is finer than overcut
- Double-cut file is used with heavier pressure than the single-c ut and removes material faster from the workpiece

铝锉 Curved teeth



- 锉纹由一组等曲率的圆弧构成
- 通常用于汽车车身锉削，能保证锉削表面非常光滑
- Teeth arranged in curved contours across the file face
- Curved-cut file is normally used in automotive body shops for smoothing body panels and Elevator track.
- 根据工件的表面要求选择齿纹
- Choose the right teeth according to the surface

锉刀的选择 Selection of files

恰当合理选用锉刀对提高锉削效率、保证锉削质量、延长锉刀使用寿命有很大影响。每种锉刀都有它一定的用途，锉削前必须认真选择合适的锉刀。如果选择不当，就不能充分发挥它的效能或过早地丧失切削能力，不能保证锉削质量。正确地选择锉刀要根据加工对象的具体情况，从如下几方面考虑：(译文)

Proper selection of files has a great influence on improving filing efficiency, filing quality and prolonging service life of files. Each file has its particular applications, you have to select proper files before filing. If you did not select the file rationally, the selected file will not maximize its performance and will lose filing ability too soon, and the filing quality will not be ensured. You need to select the file correctly based on the specific conditions of machining objects, and the followings shall be considered.

1.锉刀的截面形状要和工件的锉削面形状相适应。

The sectional shape of file shall be compatible with the filing surface shape of work-piece.

2.粗齿锉刀适用于锉削加工余量大、加工精度低和表面粗糙度值大的工件；细齿锉刀则相反；中齿锉刀则介于两者之间。而油光锉用于最后的精加工，修光工件表面，以提高尺寸精度，减小粗糙度。单齿纹锉刀适用于加工软材料。

Bastard file is suitable for work-piece with high machining allowance, low machining accuracy and high surface roughness, but smooth cut file, on the contrary, is suitable for work-piece with low machining allowance, high machining accuracy and low surface roughness, the applications of second cut file are between the applications of bastard file and smooth cut teeth file. Dead smooth file applies to final finishing and smoothing of work-piece in order to improve dimensional precision and reduce roughness, while single cut file applies to machining soft material.

3.锉刀尺寸规格的大小取决于工件加工面尺寸的大小和加工余量的大小。加工面尺寸较大，加工余量也较大时，宜选用较长锉刀；反之，则选用较短的锉刀。锉刀的长度一般应比锉削面长150～250mm。

The dimensions and specifications of files depend on machining surface size and machining allowance of work-piece. Longer file is suitable for work-piece with greater machining surface size and machining allowance, but shorter file, on the contrary, is suitable for work-piece with lower machining surface size and machining allowance. The file shall be 150～250mm longer than filing surface.

4.选择合适的手柄,会使锉削工作更轻松、更高效。

Proper selection of handle makes your filing work easier and more efficient.

锉刀的使用 Usage of File

1.在使用锉刀前先应除去锉刀上的防锈油，否则会使锉屑粉末粘在锉齿中间,使锉削能力下降。

The anti-rust oil on the file shall be removed before filing, or the filing powder will stick to the space between teeth, thus the filing ability is decreased.

2.锉削时要平稳，速度不宜太快，锉刀与加工面要保持相对的稳定，这样才能达到理想的效果。锉削时，锉刀上下摆动会使加工面出现中凸现象。

The filing shall be steady and the speed shall not be too fast, relative stability shall be kept between file and machining surface, and then ideal effect will be achieved. When filing, middle convexity will occur on machining surface because of the up and down movement of the file.

3.淬火及高硬度表面的工件，首先考虑用砂轮磨削，或磨去表层后，再用中齿或细齿锉刀加工，必要时应选择金刚石锉刀。

As for quenching work-pieces with high hardness surface, it is considered first that the work-piece is grinded, or after surface layer is grinded and then second cut file/ smooth cut file is used, diamond file is adopted when necessary.

4.新锉刀的锉齿比较锐利，一般先用来锉削软金属，然后再加工硬金属，这样能延长锉刀使用寿命。

The teeth of new file are much sharp, so you can use the new file to machine soft metal first and to machine hard metal later, as a result, the service life of file will be prolonged.

5. 由于锉刀是用高碳钢制成，比较硬脆，所以不能用来敲击物品，也不能用敲击的方法除去锉刀上的切屑。否则可能会使锉刀折断,发生危险。而只能用钢丝刷顺着锉纹的方向将切屑除去，且不能用嘴去吹。

The file is brittle and hard because it is made of high carbon steel, thus it can not be used for striking something else and the scraps in file shall not be removed by striking, or else the file may be broken and danger may be happened. The scraps can only be removed along the file cut direction by steel wire brush and can not be blown off with your mouth.

6.防止锉刀从工作台上坠落刺伤脚部或其它物品。

Prevent the file falling from workbench which may hurt your foot or damage something else.

锉刀的保存 Files Storage:

1.锉刀不可重叠放置或与其它硬质工具放在一起。

The files can not be overlapped and can not be placed with other hard tools either.

2.锉刀要保持锉齿洁净，放在干燥通风、儿童接触不到的地方保存。

The teeth of the files must be kept clean, and the files shall be stored in dry and ventilated place where they are out of the way of children.

NO.LCJ07 菱形锉 Feather edge files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
3	75	18x2.3	600	21/20	25x25x12	50	21/20	25x25x12
3.5	90	18x2.3	600	23/22	29x25x12	50	23/22	29x25x12
4	100	20x3.0	400	17/16	34x19x15	40	20/19	37x20x16
5	125	25x3.5	400	23/22	34x19x15	40	28/27	37x19x15
6	150	28x4.0	240	24/23	24x21x16	20	24/23	24x21x16
8	200	32x5.0	200	24/23	35x27x14	20	29/28	30x27x13
10	250	32x5.0	150	24/23	35x29x17	12	23/22	35x25x15

NO.LCJ08 尖头单纹米尔锉 Flat mill files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	16x3.5	400	30/29	41x22x12	40	35/34	41x22x17
8"	200	20x4.5	200	26/25	29x26x12	20	31/30	29x26x15
10"	250	24x5.5	120	30/29	34x18x14	10	30/29	34x18x14
12"	300	28x6.5	80	35/34	41x18x15	6	31/30	41x24x13
14"	350	32x7.5	60	37/36	46x20x12	5	37/36	46x20x12

NO.LCJ09 齐头单纹米尔锉 Hand mill files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	16x3.5	400	31/30	41x22x12	40	36/35	41x22x17
8"	200	20x4.5	200	29/28	29x26x12	20	35/34	29x26x15
10"	250	24x5.5	120	32/31	34x18x14	10	32/31	34x18x14
12"	300	28x6.5	80	36/35	41x18x15	6	32/31	41x24x13
14"	350	32x7.5	60	42/41	46x20x12	5	42/41	46x20x12

NO.LCJ10 油光锉 Dead Smooth files

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	12x2.5	600	19/18	34x17x14	50	19/18	34x17x14
5"	125	14.0x3.0	400	21/20	34x18x14	50	32/31	36x18x14
6"	150	16x3.5	400	31/30	41x22x12	40	36/35	41x22x17
8"	200	20x4.5	200	29/28	29x26x12	20	35/34	29x26x15
10"	250	24x5.5	120	32/31	34x18x14	10	32/31	34x18x14
12"	300	28x6.5	80	36/35	41x18x15	6	32/31	41x24x13
14"	350	32x7.5	60	42/41	46x20x12	5	42/41	46x20x12
16"	400	36x8.5	40	37/36	52x22x9	4	44/43	52x24x10
18"	450	40x9.5	30	35/34	57x19x9	3	42/41	57x19x9

NO.LCJ11 半圆铝工锉 Half round aluminum files

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	16x4.5	400	26/25	35x24x18	30	23x22	35x24x14
8"	200	20x5.5	200	25/24	29x25x16	20	30x29	29x25x19
10"	250	24x7.0	120	29/28	35x25x14	10	29x28	35x25x14
12"	300	28x8.0	80	29/28	41x22x15	6	26x25	41x22x13
14"	350	32X9.0	60	30/29	46x23x12	5	30x29	46x23x12

NO.LCJ12 铝扁锉 Aluminum flat files

（6、7、8、9、10、11）teeth/inch

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	16x3.5	400	31/30	41x22x12	40	36/35	41x22x17
8"	200	20x4.5	200	26/25	29x26x12	20	31/30	29x26x15
10"	250	24x5.5	120	29/28	34x18x14	10	29/28	34x18x14
12"	300	28x6.5	80	32/31	41x18x15	5	24/23	40x18x11
14"	350	32x7.5	60	36/35	46x20x12	5	36/35	46x20x12
16"	400	36x8.5	40	32/31	52x22x9	3	29/28	52x22x10
18"	450	40x9.5	30	29/28	57x19x9	3	34/33	57x20x10

NO.LCJ01 平头扁锉 Hand files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	12x2.5	600	19/18	34x17x14	50	19/18	34x17x14
5"	125	14x3.0	400	21/20	34x18x14	50	32/31	36x18x14
6"	150	16x3.5	400	31/30	41x22x12	40	36/35	41x22x17
8"	200	20x4.5	200	29/28	29x26x12	20	35/34	29x26x15
10"	250	24x5.5	120	32/31	34x18x14	10	32/31	34x18x14
12"	300	28x6.5	80	36/35	41x18x15	6	32/31	41x24x13
14"	350	32x7.5	60	42/41	46x20x12	5	42/41	46x20x12
16"	400	36x8.5	40	37/36	52x22x9	4	44/43	52x24x10
18"	450	40x9.5	30	35/34	57x19x9	3	42/41	57x19x9

NO.LCJ02 尖头扁锉 Flat files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	12x2.5	600	18/17	34x17x14	50	18/17	34x17x14
5"	125	14x3.0	400	20/19	34x18x14	50	30/29	36x18x14
6"	150	16x3.5	400	30/29	41x22x12	40	35/34	41x22x17
8"	200	20x4.5	200	26/25	29x26x12	20	31/30	29x26x15
10"	250	24x5.5	120	30/29	34x18x14	10	30/29	34x18x14
12"	300	28x6.5	80	35/34	41x18x15	6	31/30	41x24x13
14"	350	32x7.5	60	37/36	46x20x12	5	37/36	46x20x12
16"	400	36x8.5	40	35/34	52x22x9	4	40/39	52x24x10
18"	450	40x9.5	30	34/33	57x19x9	3	40/39	57x19x9

NO.LCJ03 三角锉 Triangular files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	8.0x8.0	600	17/16	34x17x14	50	17/16	34x17x14
5"	125	9.5x9.5	400	19/18	34x18x14	50	29/28	36x18x10
6"	150	11x11	400	28/27	41x22x12	40	34/33	41x22x17
8"	200	13x13	200	28/27	29x26x12	20	33/32	29x26x15
10"	250	16x16	120	31/30	34x18x14	10	31/30	34x21x15
12"	300	19x19	80	28/27	40x22x12	6	35/34	41x25x13
14"	350	22x22	60	31/30	46x20x12	5	31/30	46x22x13
16"	400	26x26	40	34/33	52x22x10	4	41/40	52x24x10
18"	450	28x28	30	36/35	57x25x10	3	43/42	57x25x10

NO.LCJ04 半圆锉 Half-round files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	12x3.5	600	17/16	34x17x14	50	17/16	34x17x14
5"	125	14x4.0	400	22/21	34x18x14	50	33/32	34x17x14
6"	150	16x4.5	400	22/21	35x24x14	25	22/21	44x22x19
8"	200	20x5.5	200	27/26	29x25x16	20	32/31	28x25x18
10"	250	24x7.0	120	31/30	35x25x14	10	31/30	35x29x12
12"	300	28x8.0	80	32/31	40x22x15	6	29/28	40x17x13
14"	350	32X9.0	60	35/34	46x23x12	5	35/34	46x23x12
16"	400	36X10	40	34/33	52x22x10	4	41/40	52x19x17
18"	450	40X11	30	42/41	57x17X14	3	50/49	57x28X11

NO.LCJ05 圆 锉 Round files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	mm	直径 Diameter (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	3.5	800	9/8	34x17x14	80	11/10	34x18x17
5"	125	4.5	600	17/16	34x19x15	50	17/16	34x19x17
6"	150	5.5	600	20/19	35x34x14	50	20/19	42x22x17
8"	200	7.0	300	21/20	28x25x17	25	21/20	28x25x16
10"	250	9.0	150	20/19	34x18x14	15	24/23	34x22x12
12"	300	11	100	24/23	41x22x15	8	23/22	40x17x14
14"	350	14	60	23/22	46x20x10	5	23/22	46x18x12
16"	400	18	40	24/23	52x22x9	4	29/28	52x22x9
18"	450	20	30	25/24	57x18x10	3	30/29	57x19x10

NO.LCJ06 方 锉 Square files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	mm	宽X 宽 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	3.5x3.5	800	11/10	34x17x14	70	12/11	34x18x16
5"	125	4.5x4.5	600	18/17	34x19x15	50	18/17	34x19x17
6"	150	5.5x5.5	600	25/24	35x24x14	50	25/24	42x22x17
8"	200	7.0x7.0	300	26/25	28x25x17	25	26/25	28x25x16
10"	250	9.0x9.0	150	26/25	34x18x14	15	31/30	34x22x12
12"	300	11x11	100	31/30	41x22x15	8	30/29	40x17x14
14"	350	14x14	60	30/29	46x20x10	5	30/29	46x21x12
16"	400	18x18	40	31/30	52x22x9	4	37/36	52x22x9
18"	450	22x22	30	40/39	57x25x10	3	48/47	57x19x10

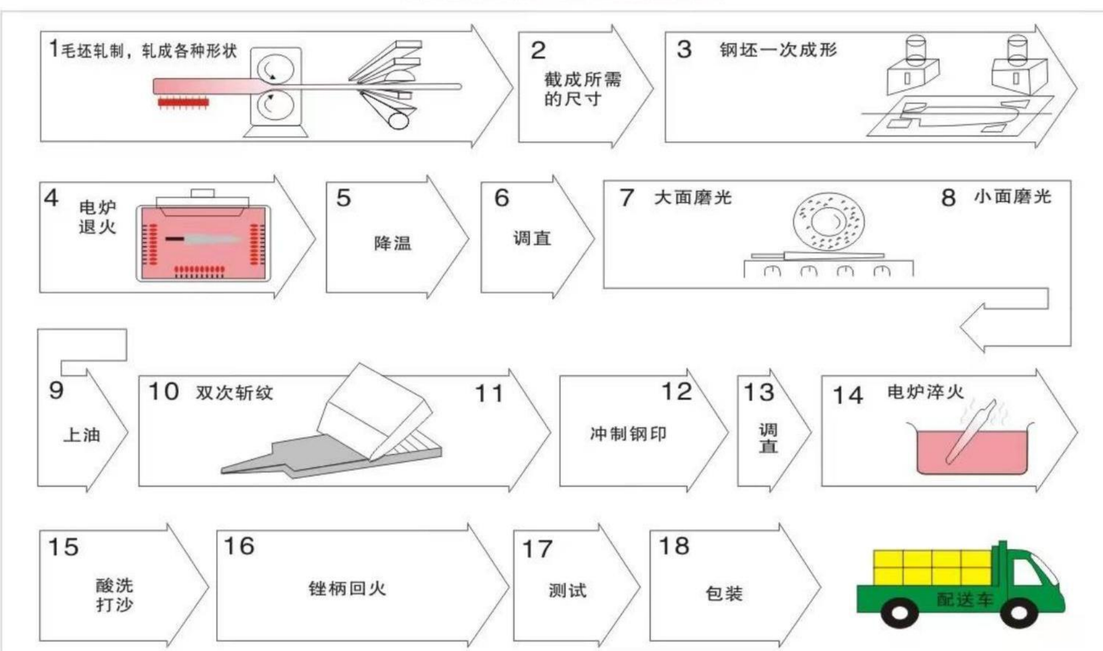
NO.LCJ30 金刚石什锦锉 Diamond Needle files

Φ 3X140mmX50/70　Φ 3X160mmX50/70　Φ 4X160mmX50/70

Φ 4X180mmX50/70　Φ 4X200mmX50/70　Φ 5X200mmX50/70

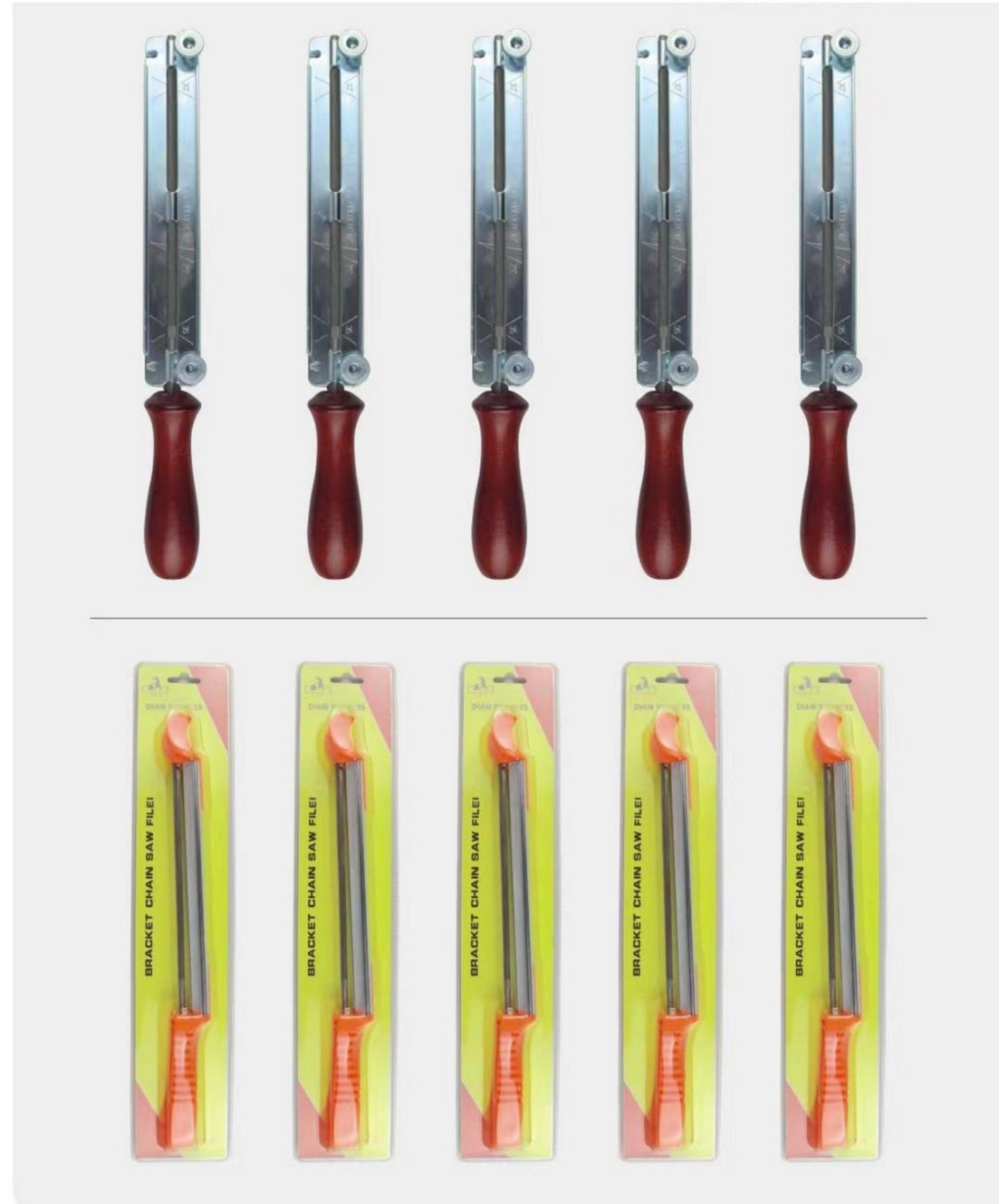
规格 Size	齐头扁锉 Hand	半圆锉 Half Round	三角锉 Triangular	方锉 Square	圆锉 Round	尖头扁锉 Flat	刀形锉 Knife	单面三角锉 Barrette	双半圆锉 Crossing	椭圆锉 Oval	圆边扁锉 Joint Round	菱形锉 Feather Edge
5pcs	●	●	●	●	●							
7pcs	●	●	●	●	●	●	●					
8pcs	●	●	●	●	●	●	●	●				
10pcs	●	●	●	●	●	●	●	●	●	●		
12pcs	●	●	●	●	●	●	●	●	●	●	●	●

钢锉生产工艺流程



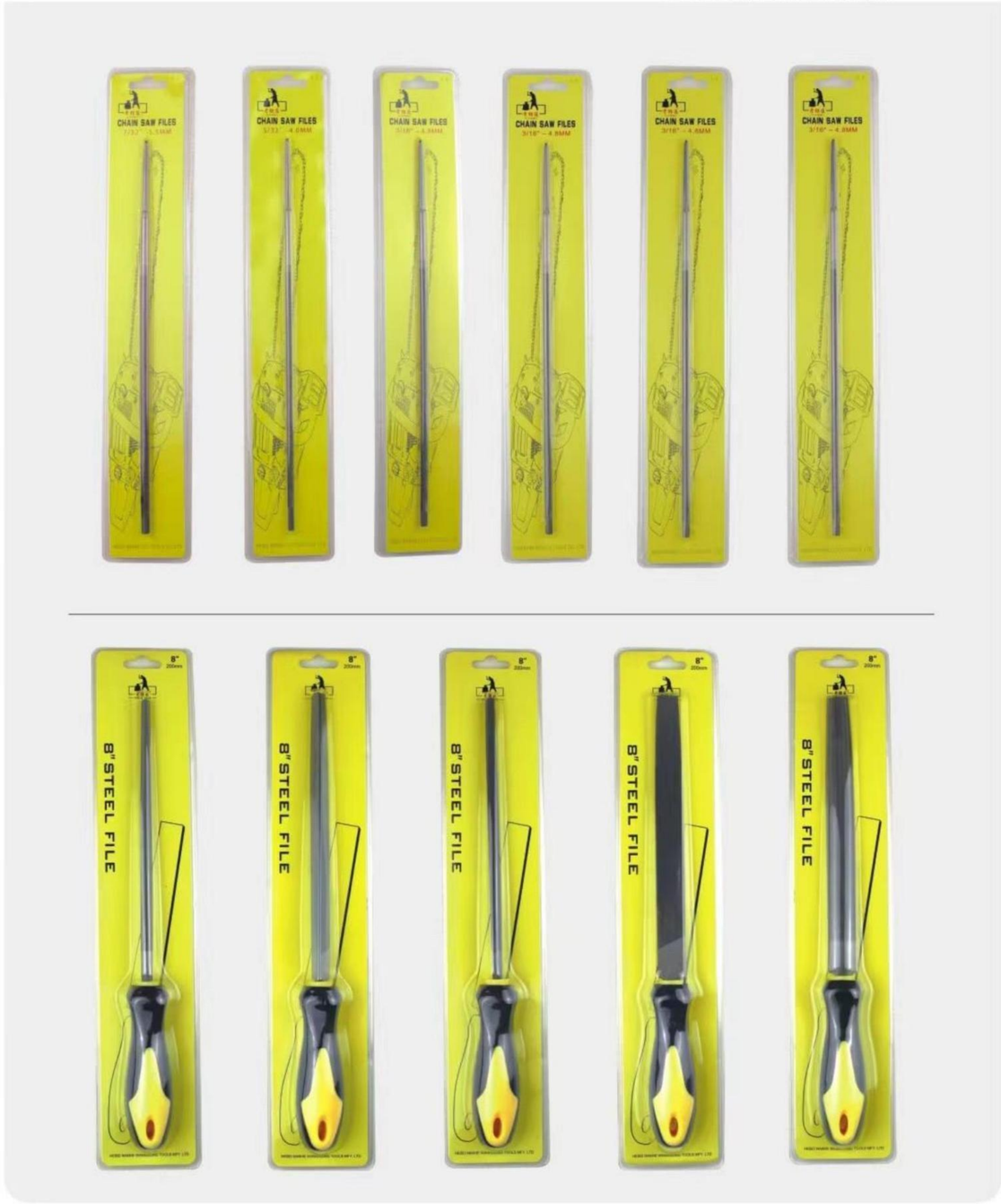
单支包装 Single Package

可选择不同种类的锉柄
(Be able to select any kinds of handle)



单支包装 Single Package

可选择不同种类的锉柄
(Be able to select any kinds of handle)



套装 Files Set

可选择不同种类的锉柄
(Be able to select any kinds of handle)

NO.LCJ13 双孔铝扁锉 Double hole al files

（6、7、8、9、10、11）teeth/inch

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Sention (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
14"	350	34x5.0	60	24/23	39x22x10	5	24/23	39x22x10

NO.LCJ14 农镰锉 Farmer's own files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Sention (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
8"	200	24x4.5	160	40/39	35x17x17	10	30/29	35x17x14
10"	250	28x5.5	100	40/39	40x18x14	5	24x23	40x18x11
12"	300	32x6.5	60	33/32	47x18x12	5	33x32	47x18x12

NO.LCJ15 窄形三角锉 Slim taper files

单纹、双纹（Single cut、Double cut）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Sention (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
3"	75	5.0x3.3	1800	16/15	39x20x15	150	16/15	39x20x15
4"	100	6.0x4.0	1200	23/22	37x33x15	100	23/22	37x33x15
5"	125	7.0x4.6	1200	25/24	40x36x15	100	25/24	40x36x15
6"	150	8.5x5.6	600	37/36	46x27x15	50	37/36	46x27x15
7"	175	10x6.5	600	26/25	43x30x18	50	26/25	43x30x18
8"	200	12x8.0	480	46/45	46x30x20	40	46/45	46x30x20

NO.LCJ16 特窄形单纹三角锉 Extra slim taper files

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	面宽X 稍宽 Sention (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
3"	75	4.0x2.6	1800	14/13	39x20x15	150	14/13	39x20x15
4"	100	5.0x3.3	1200	17/16	36x22x21	100	17/16	36x22x21
5"	125	6.0x4.0	1200	18/17	42x27x21	100	18/17	42x27x21
6"	150	7.0x4.6	600	33/32	46x27x15	50	33/32	46x27x15
7"	175	8.5x5.5	480	36/35	43x30x18	40	36/35	43x30x18
8"	200	10x6.5	480	42/41	46x30x20	40	42/41	46x30x20

NO.LCJ17 重型三角锉 Heavy taper saw files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	面宽X 稍宽 Sention (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	9.0x6.0	480	25/24	51x19x13	40	25/24	51x19x13
5"	125	10.5x7.0	480	33/32	36x23x14	40	33/32	36x23x14
6"	150	12x8.0	300	27/26	31x23x19	25	27/26	31x23x19
7"	175	13x9.0	200	31/30	25x21x16	20	37/36	25x24x16
8"	200	14x10	150	25/24	29x20x14	15	30/29	29x26x17

NO.LCJ18 齐头三角锉 Heavy band saw blunt files

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	面宽X 稍宽 Sention (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
4"	100	9.0x9.0	480	26/25	51x19x13	40	26/25	51x19x13
5"	125	10.5x10.5	480	34/33	36x23x14	40	34/33	36x23x14
6"	150	12x12	300	28/27	31x23x19	25	28/27	31x23x19
7"	175	13x13	200	35/34	25x21x16	20	42/41	25x24x16
8"	200	14x14	150	27/26	29x23x17	15	32/31	29x26x17

NO.LCJ19 双头三角锉 Double triangular files

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	8.5x5.6	400	14/13	39x21x10	35	16/15	39x21x12
8"	200	10x6.5	200	10/9	28x25x13	18	11/10	28x25x15
10"	200	12x8.0	150	25/24	35x17x14	12	24/23	35x17x14

NO.LCJ20 钢木半圆锉 Half round wood rasp steel files 粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	16x4.5	300	22/21	39x21x10	30	26/25	39x21x14
8"	200	20x5.5	240	36/35	29x27x22	20	36/35	29x27x22
10"	250	24x7.0	120	33/32	36x31x14	10	33/32	36x31x14
12"	300	28x8.0	60	27/26	42x22x14	5	27/26	42x22x14

NO.LCJ21 尖木锉 Flat-pointed wood files 粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	21.3x2.5	500	21/20	36x24x17	40	21/20	36x24x17
8"	200	23.8x2.8	300	19/18	28x25x20	25	19/18	28x25x20
10"	250	25.7x3.0	200	20/19	28x26x15	10	12/11	28x26x12
12"	300	28.0x3.2	100	16/15	40x24x13	10	19/18	40x24x16

NO.LCJ22 扁木锉 Hand wood rasp files 粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	16x3.5	300	22/21	39x21x10	30	25/24	39x21x14
8"	200	20x4.5	200	28/27	34x27x22	20	33/32	34x27x25
10"	250	24x5.5	120	32/31	40x32x17	10	32/31	40x32x17
12"	300	28x6.5	60	26/25	46x22x18	5	26/25	46x22x18

NO.LCJ23 圆木锉 Round wood rasp files 粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	直 径 Diameter (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	5.5	500	14/13	35x21x11	40	14/13	35x21x11
8"	200	7.0	250	19/18	29x25x14	20	19/18	29x25x14
10"	250	9.0	150	21/20	34x25x14	10	17/16	35x18x9
12"	300	11	80	20/19	41x21x11	5	16/15	41x18x9

NO.LCJ24 木半圆锉 Half round wood rasp files 粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	16x4.5	300	22/21	39x21x10	30	26/25	39x21x14
8"	200	20x5.5	240	36/35	29x27x22	20	36/35	29x27x22
10"	250	24x7.0	120	33/32	36x31x14	10	33/32	36x31x14
12"	300	28x8.0	60	27/26	42x22x14	5	27/26	42x22x14

NO.LCJ25 四合一钢木锉 Half round steel carpenter's files

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
8"	200	20x7.0	200	38/37	29x25x16	20	45/44	29x25x19

NO.LCJ26 链锯锉 Chain saw files

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	直 径 Diameter (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
6"	150	3.6	1000	13/12	43x17x13	80	13/12	43x17x13
		4.8	1000	15/14	43x17x13	80	15/14	43x17x13
8"	200	4.0	600	12/11	41x27x13	50	12/11	41x27x13
		4.5	600	13/12	41x27x13	50	13/12	41x27x13
		4.8	600	15/14	41x27x13	50	15/14	41x27x13
		5.5	600	18/17	41x27x13	50	18/17	41x27x13
10"	250	4.0	600	15/14	40x33x13	50	15/14	40x33x13
		4.8	600	21/20	40x33x13	50	21/20	40x33x13
		5.5	600	27/26	40x33x13	50	27/26	40x33x13
12"	300	5.5	500	29/28	41x33x13	40	29/28	41x33x13

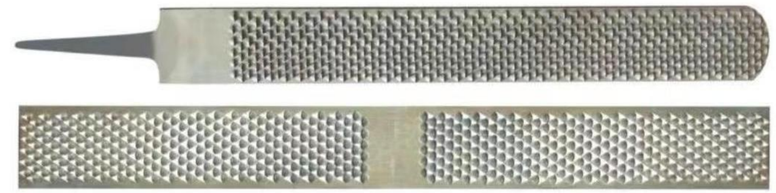
NO.LCJ27 刀形锉 Knife files

粗纹、中纹、细纹（Bastard、Second、Smooth）

◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
8"	200	20x3.5	400	26/25	39x21x11	30	23/22	39x21x9
10"	250	24x4.5	200	26/25	28x25x13	20	31/30	28x25x16
12"	300	28x5.5	120	29/28	35x17x14	10	29/28	35x17x14
14"	350	32x6.5	80	32/31	40x18x14	5	24/23	40x18x11

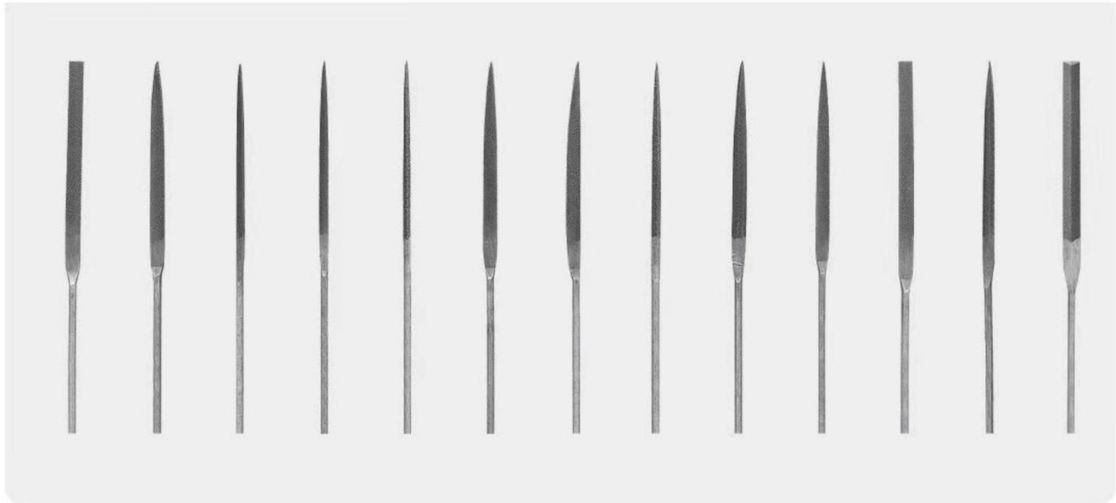
NO.LCJ28 马蹄锉 Horse hoof files



◆ 国内销售: ◆ For export:

规格 Standard Inch	规格 Standard mm	宽X 厚 Senction (mm)	数量/箱 (支)	毛/净重 (kg)	外箱尺寸 (cm)	Qty./Case (Doz)	G.W./N.W. (kg)	Wd.Case Size (cm)
12"	300	32x6.5	80	28/27	40x18x11	5	28/27	40x18x11
14"	350	40x7.5	60	40/39	46x20x11	5	40/39	46x20x11

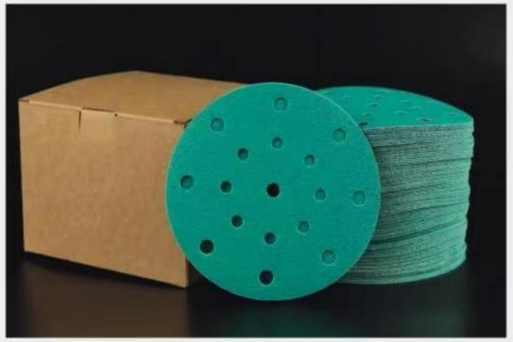
NO.LCJ29 什锦锉 Needle files



Φ 3X140mmX10 Φ 3X140mmX12 Φ 4X160mmX7 Φ 4X160mmX8 Φ 4X140mmX10
Φ 4X160mmX12 Φ 5X180mmX5 Φ 5X180mmX10 Φ 5X180mmX12

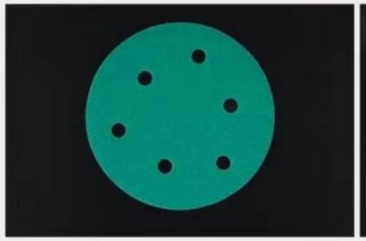
规格 Size	齐头扁锉 Hand	半圆锉 Half Round	三角锉 Triangular	方锉 Square	圆锉 Round	尖头扁锉 Flat	刀形锉 Knife	单面三角锉 Barrette	双半圆锉 Crossing	椭圆锉 Oval	圆边扁锉 Joint Round	菱形锉 Feather Edge
5pcs	●	●	●	●	●							
7pcs	●	●	●	●	●	●	●					
8pcs	●	●	●	●	●	●	●	●				
10pcs	●	●	●	●	●	●	●	●	●	●		
12pcs	●	●	●	●	●	●	●	●	●	●	●	●

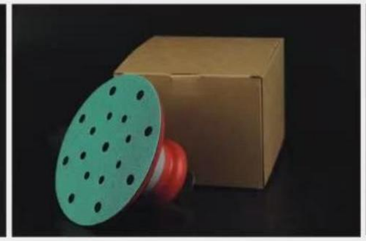
砂纸 Sandpaper

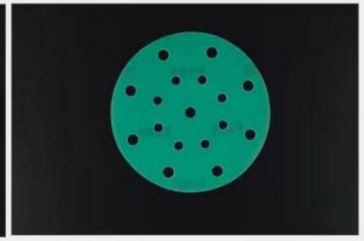


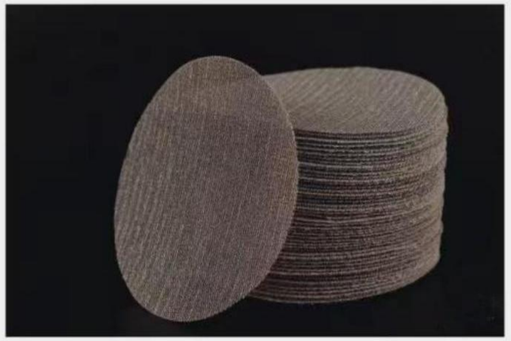
绿 砂

产品名称：植绒绿砂纸
包装规格：盒装/POF收缩膜
产品尺寸：125mm (5寸) 150mm (6寸)
产品孔型：无孔 6孔 17孔 49孔
产品粒度：P60 P80 P120 P150 P180
P240 P320 P400 P600 P800
P1200 P1500 P2000



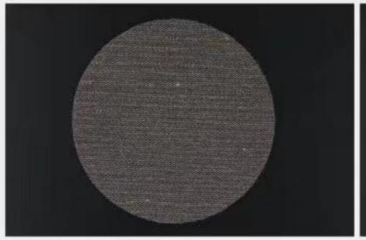


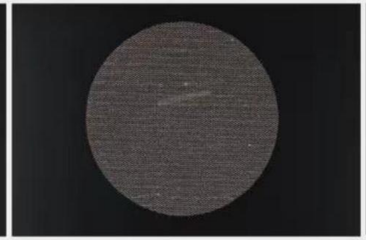




网 砂

产品名称：植绒网砂纸
包装规格：盒装/POF收缩膜
产品尺寸：125mm (5寸) 150mm (6寸)
产品孔型：无孔
产品粒度：P80 P120 P180 P240
P320 P400





双头螺丝批咀 Screwdriver bits

红色台湾加硬S2钢PH2双头十字

适用于风批，手电钻等使用。
台湾S2合金钢，专为工业而造，更持久耐用。

200mm

150mm

100mm

65mm

65mm

六角对边：6.35mm

锉柄 Handles


A1


A2


A3


A4


A5


A6


A7


A8


A9


A10


A11


A12


A13


A14


A15


A16


A17


A18


A19


B1


B2


B3


B4


B5

锉柄 Handles


B6


B7


B8


B9


B10


B11


B12


B13


B14


B15


B16


B17


B18


B19


B20


B21


B22


B23


B24


B25


C1


C2


C3


C4

本样册仅供参考，产品以实物为准！

套装 Files Set

套装 Files Set

可选择不同种类的锉柄
(Be able to select any kinds of handle)

套装 Files Set

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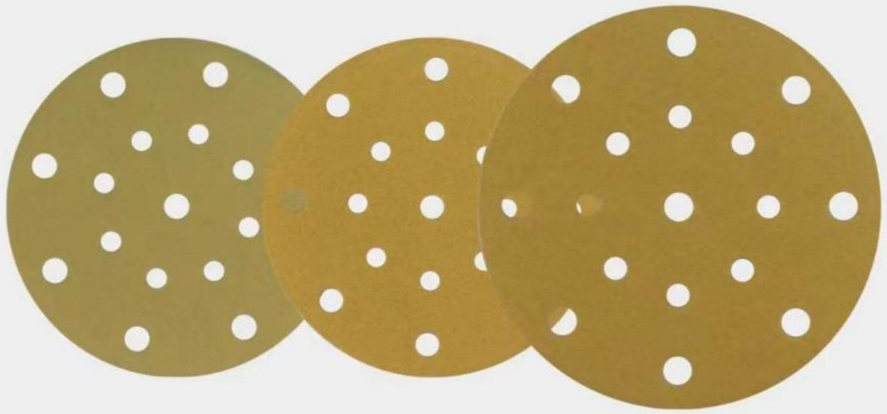
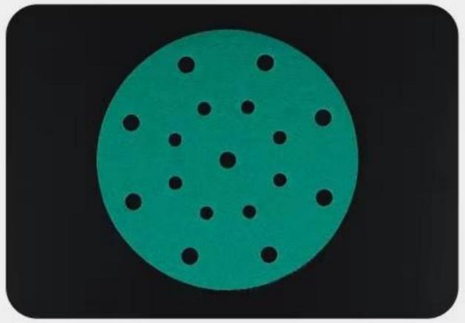
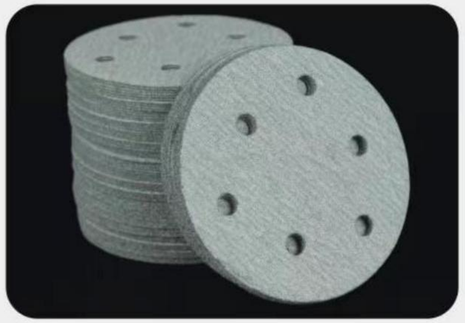
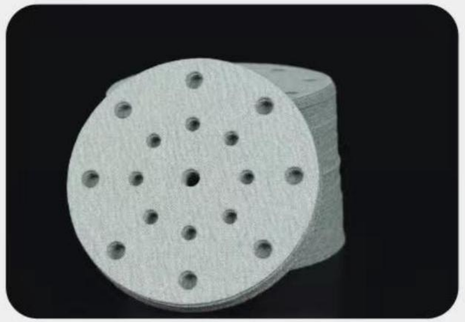
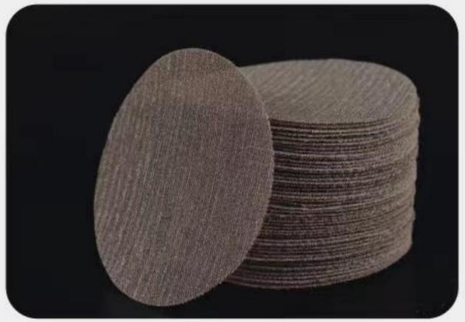
可选择不同种类的锉柄
(Be able to select any kinds of handle)



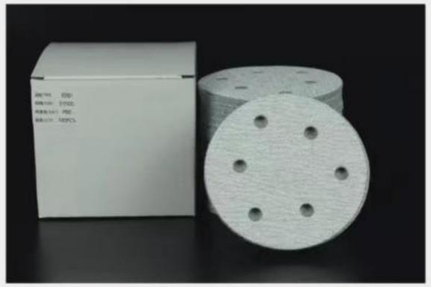






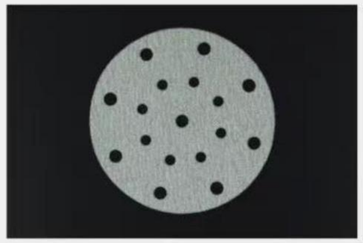


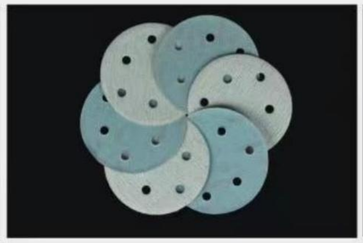
砂纸 Sandpaper

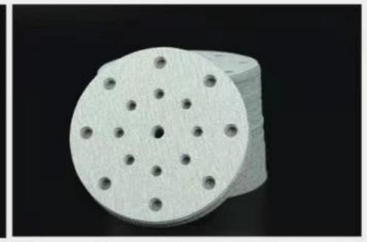


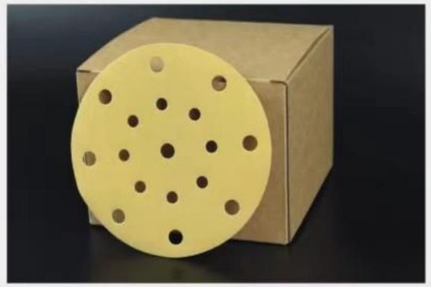
白 砂

产品名称：植绒白砂纸
包装规格：盒装/POF收缩膜
产品尺寸：125mm（5寸） 150mm (6寸)
产品孔型：无孔 6孔 9孔 15孔 17孔
产品粒度：P60 P80 P100 P120 P150
P180 P240 P320 P400 P600



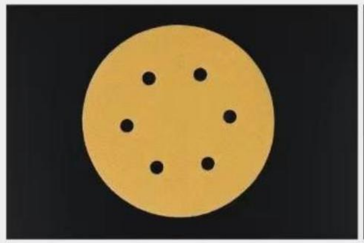


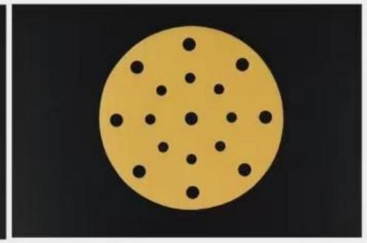




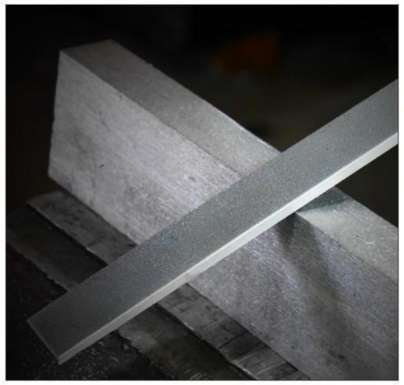
黄 砂

产品名称：植绒黄砂纸
包装规格：盒装/POF收缩膜
产品尺寸: 125mm（5寸） 150mm (6寸)
产品孔型： 无孔 6孔 9孔 15孔 17孔 49孔
产品粒度：P60 P80 P120 P180 P240
P320 P400 P600





Hand Files 齐头板锉



CHINA GB

尺寸		宽度	厚度	齿纹			
Length		Width	Thickness	Cut No.			
Inch	mm	mm	mm	0	1	2	3
4"	100	11.5	2.6		√	√	√
6"	150	15.5	3.8	√	√	√	√
8"	200	19.2	4.3	√	√	√	√
10"	250	23.2	5.0	√	√	√	√
12"	300	27.2	6.0	√	√	√	√
14"	350	31.2	6.8		√	√	√
16"	400	35.2	7.8		√	√	√
18"	450	39.2	8.8		√	√	√

DIN

Length		Width	Thickness	Cut No.			
Inch	mm	mm	mm	0	1	2	3
4"	100	11.8	2.6		√	√	√
6"	150	15.8	3.8	√	√	√	√
8"	200	19.8	4.8	√	√	√	√
10"	250	25.2	6.2	√	√	√	√
12"	300	29.8	6.3	√	√	√	√
14"	350	34.8	7.3		√	√	√
16"	400	39.2	8.8		√	√	√

Flat Files 尖扁锉

CHINA GB

尺寸		宽度	厚度	齿纹			
Length		Width	Thickness	Cut No.			
Inch	mm	mm	mm	0	1	2	3
4"	100	11.5	2.6		√	√	√
6"	150	15.5	3.8	√	√	√	√
8"	200	19.2	4.3	√	√	√	√
10"	250	23.2	5.0	√	√	√	√
12"	300	27.2	6.0	√	√	√	√
14"	350	31.2	6.8		√	√	√
16"	400	35.2	7.8		√	√	√
18"	450	39.2	8.8		√	√	√

TEETH 0: Extra Bastard | TEETH 1: Bastard | TEETH 2: Half Smooth | TEETH 3: Smooth | TEETH 5: Dead-Smooth

半圆锉 Half-Round Files

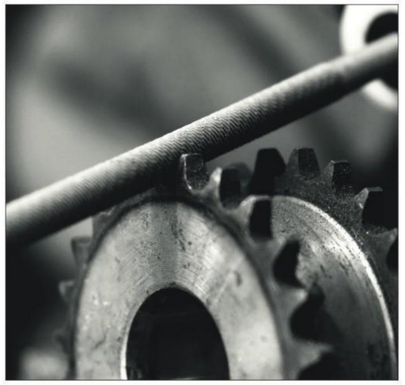
CHINA GB

尺寸		宽度	厚度	齿纹			
Length		Width	Thickness	Cut No.			
Inch	mm	mm	mm	0	1	2	3
4"	100	11.5	3.2		√	√	√
6"	150	16.0	4.3		√	√	√
8"	200	19.7	5.5		√	√	√
10"	250	23.2	6.5		√	√	√
12"	300	27.2	7.5		√	√	√
14"	350	31.2	8.3		√	√	√

DIN

Length		Width	Thickness	Cut No.			
Inch	mm	mm	mm	0	1	2	3
4"	100	11.5	3.2		√	√	√
6"	150	16.0	4.3		√	√	√
8"	200	19.7	5.5		√	√	√
10"	250	24.8	6.8		√	√	√
12"	300	29.8	8.3		√	√	√
14"	350	34.8	9.8		√	√	√

圆锉 Round Files



CHINA GB

尺寸		直径	齿纹			
Length		Diameter	Cut No.			
Inch	mm	mm	0	1	2	3
4"	100	4.0		√	√	√
6"	150	6.0		√	√	√
8"	200	7.5		√	√	√
10"	250	9.5		√	√	√
12"	300	12.0		√	√	√
14"	350	15.0		√	√	√
16"	400	17.3		√	√	√

DIN

Length		Diameter	Cut No.			
Inch	mm	mm	0	1	2	3
4"	100	4.0		√	√	√
6"	150	6.0		√	√	√
8"	200	7.5		√	√	√
10"	250	9.5		√	√	√
12"	300	12.0		√	√	√
14"	350	15.0		√	√	√
16"	400	17.3		√	√	√

TEETH 0: Extra Bastard | TEETH 1: Bastard | TEETH 2: Half Smooth | TEETH 3: Smooth | TEETH 5: Dead-Smooth

Triangular Files 三角锉

CHINA GB

尺寸		宽度	齿纹			
Length		Width	Cut No.			
Inch	mm	mm	0	1	2	3
4"	100	7.8		√	√	√
6"	150	10.8		√	√	√
8"	200	12.5		√	√	√
10"	250	15.5		√	√	√
12"	300	18.5		√	√	√
14"	350	21.3		√	√	√

DIN

Length		Width	Cut No.			
Inch	mm	mm	0	1	2	3
4"	100	7.8		√	√	√
6"	150	10.8		√	√	√
8"	200	14.8		√	√	√
10"	250	17.3		√	√	√
12"	300	19.8		√	√	√
14"	350	23.8		√	√	√

Square Files 方锉

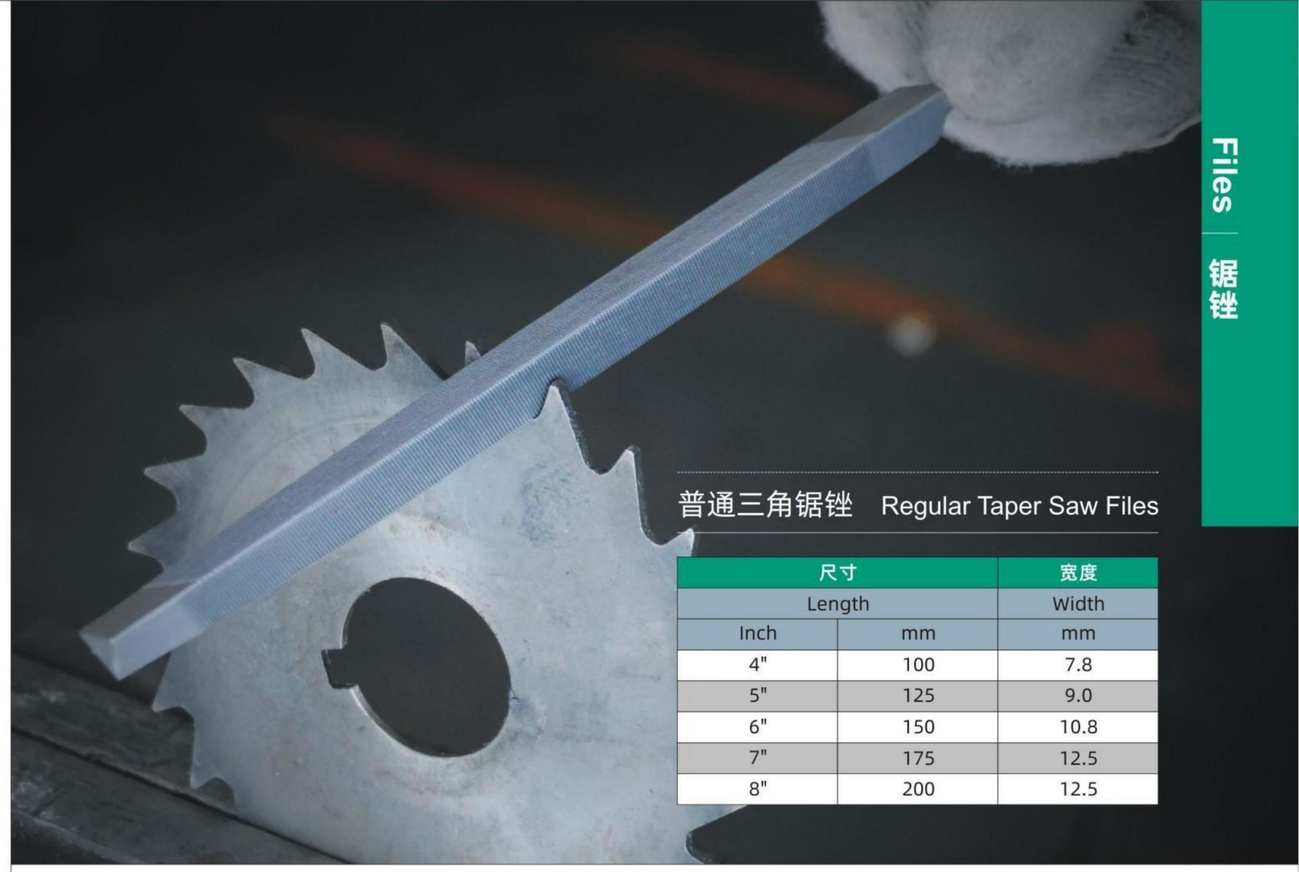
CHINA GB

尺寸		宽度	齿纹			
Length		Width	Cut No.			
Inch	mm	mm	0	1	2	3
4"	100	3.8		√	√	√
6"	150	5.8		√	√	√
8"	200	6.6		√	√	√
10"	250	8.6		√	√	√
12"	300	10.6		√	√	√
14"	350	13.5		√	√	√

DIN

Length		Width	Cut No.			
Inch	mm	mm	0	1	2	3
4"	100	3.8		√	√	√
6"	150	5.8		√	√	√
8"	200	7.8		√	√	√
10"	250	9.8		√	√	√
12"	300	11.8		√	√	√
14"	350	13.5		√	√	√

TEETH 0: Extra Bastard | TEETH 1: Bastard | TEETH 2: Half Smooth | TEETH 3: Smooth | TEETH 5: Dead-Smooth



普通三角锯锉 Regular Taper Saw Files

尺寸		宽度
Length		Width
Inch	mm	mm
4"	100	7.8
5"	125	9.0
6"	150	10.8
7"	175	12.5
8"	200	12.5

窄三角锯锉 Slim Taper Saw Files

尺寸		宽度
Length		Width
Inch	mm	mm
4"	100	6.0
5"	125	7.0
6"	150	8.5
7"	175	10.0
8"	200	12.0

特窄三角锯锉 Extra Slim Taper Saw Files

尺寸		宽度
Length		Width
Inch	mm	mm
4"	100	5.0
5"	125	6.0
6"	150	7.0
7"	175	8.5
8"	200	10.0

超特窄三角锯锉 XX Slim Taper Saw Files

尺寸		宽度
Length		Width
Inch	mm	mm
4"	100	4.0
5"	125	5.0
6"	150	6.0
7"	175	7.0
8"	200	8.5

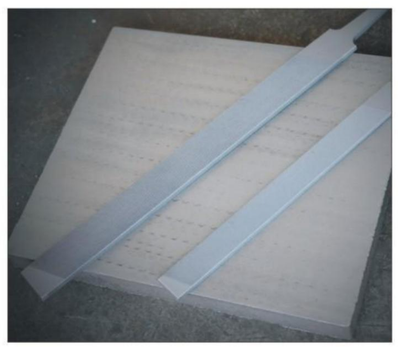
重型三角锯锉 Heavy Taper Saw Files

尺寸		宽度
Length		Width
Inch	mm	mm
4"	100	9.0
5"	125	10.8
6"	150	12.5
7"	175	14.8
8"	200	15.5

Chainsaw Files 圆链锯锉

尺寸		直径	
Length		Diameter	
Inch	mm	inch	mm
6"	150	1/8"	ϕ3.2
		5/32"	ϕ4.0
8"	200	1/8"	ϕ3.2
		5/32"	ϕ4.0
		11/64"	ϕ4.5
		3/16"	ϕ4.8
		13/64"	ϕ5.0
		7/32"	ϕ5.5

Mill Files 米尔锉



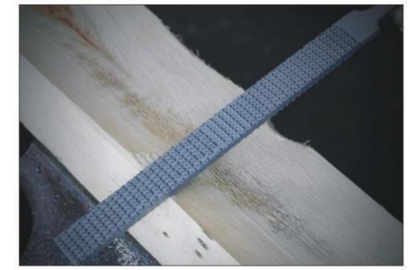
尺寸		宽度	厚度	截面形状		
Length		Width	Thickness	Cross Section Shape		
Inch	mm	mm	mm			
4"	100	10.8	2.0	√		
6"	150	14.9	2.4	√	√	√
8"	200	19.7	3.2	√	√	√
10"	250	24.4	3.9	√	√	√
12"	300	29.1	4.6	√	√	√
14"	350	33.4	5.2	√		
16"	400	35.2	7.6	√		

Farmer's Own Files 农镰锉

尺寸		宽度	厚度	双面单齿	单齿+双齿
Length		Width	Thickness	Both Single Cut	Single Cut + Double Cut
Inch	mm	mm	mm		
8"	200	24.0	4.3		
10"	250	29.0	5.0		

齐头扁木锉 Hand Rasps

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
6"	150	15.5	3.8
8"	200	19.2	4.3
10"	250	23.2	5.0
12"	300	27.2	6.0

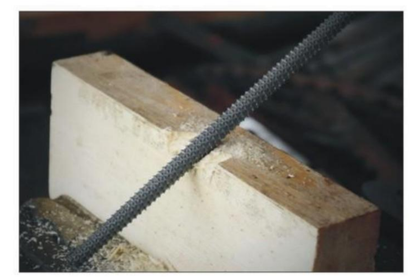


半圆木锉 Half-Round Rasps

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
6"	150	16.3	5.0
8"	200	19.2	5.0
10"	250	23.2	6.5
12"	300	27.2	7.5

圆木锉 Round Rasps

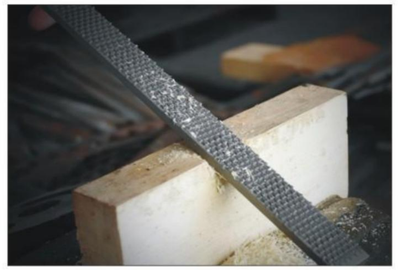
尺寸		直径
Length		Diameter
Inch	mm	mm
6"	150	6.0
8"	200	7.0
10"	250	9.1
12"	300	11.1



齐头家具木锉 Cabinet Rasps

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
6"	150	18.0	3.5
8"	200	23.0	4.5
10"	250	26.8	5.5
12"	300	34.0	6.5

Wood Crafter File 钢木两用锉

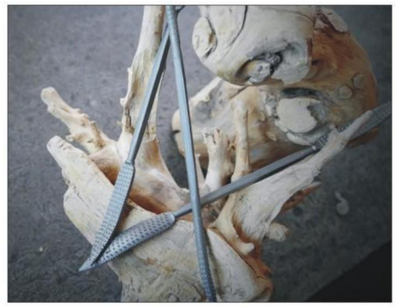


尺寸		宽度	厚度	钳工齿 + 木齿
Length		Width	Thickness	File teeth + Rasp teeth
Inch	mm	mm	mm	
8"	203	26.2	6.5	

Needle Rasp Sets 什锦木锉

尺寸		形状	Shape	宽度	厚度
Size				Width	Thickness
Diameter	mm			mm	mm
ϕ3	140	齐板锉	Hand	5.8	2.1
		尖板锉	Flat	5.8	2.1
		方锉	Square	3.6	
		圆锉	Round	3.7	
		三角锉	Triangular	4.0	3.9
		半圆锉	Half-Round	6.4	2.6
ϕ4	160	齐板锉	Hand	7.7	2.6
		尖板锉	Flat	7.7	2.6
		方锉	Square	4.3	
		圆锉	Round	4.0	
		三角锉	Triangular	5.7	5.2
		半圆锉	Half-Round	7.4	3.3
ϕ5	180	齐板锉	Hand	10	3.0
		尖板锉	Flat	10	3.0
		方锉	Square	5.4	
		圆锉	Round	5.9	
		三角锉	Triangular	6.8	6.3
		半圆锉	Half-Round	9.3	3.8

Double End Special Shape Needle Rasps 双头异形木什锦锉



尺寸		形状	Shape	宽度	厚度
Length				Width	Thickness
Inch	mm				
7.5"	190	三角	Triangular	6	
		方	Round	5	
		刀	Square	5	
		圆	Knife	9	2.4
		半圆	Half-Round	10	3
		双半圆	Crossing	8	3
		齐板	Hand	10	2.5
		尖板	Flat	9	2.5

什锦锉 Needle Files

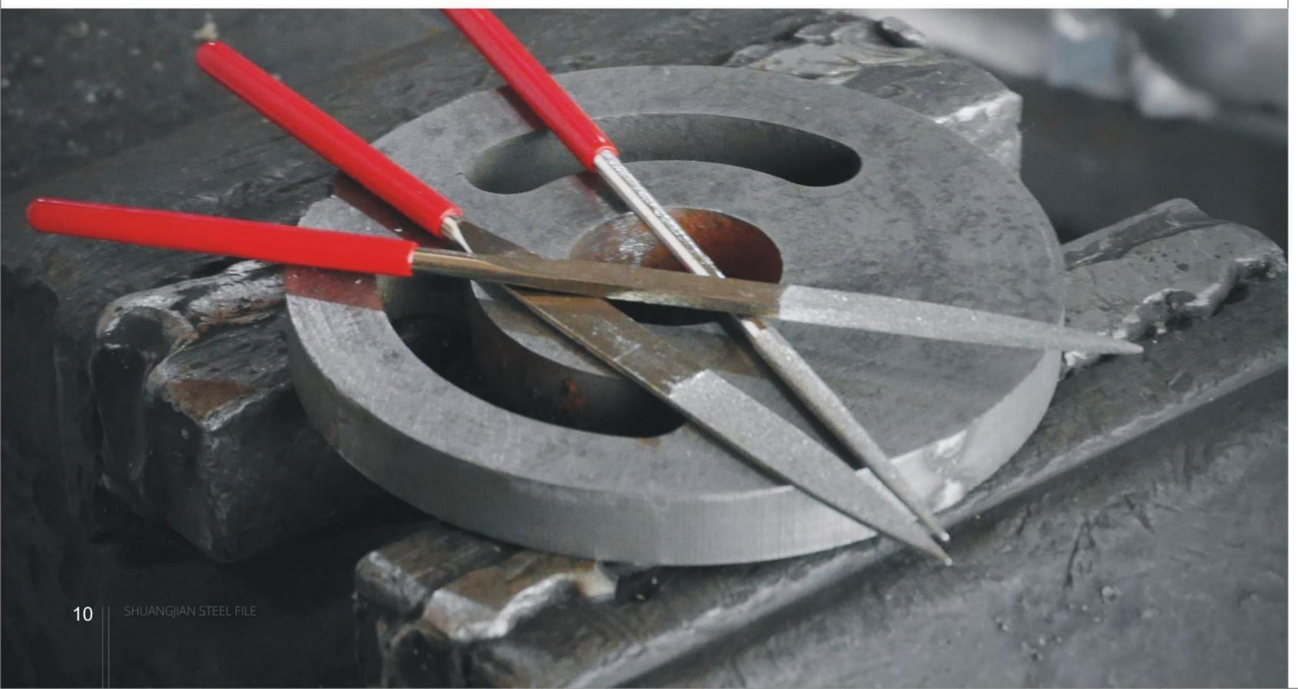
尺寸	形状										
Size mm	Shape										
ϕ3x140	宽度 Width mm	5.4	5.4	2.6	2.9	3.6	5.2	3.4	5.5	5.4	5.0
	厚度 Thickness mm	1.2	1.2				1.7	2.4	1.9	1.7	1.8
ϕ4x160	宽度 Width mm	7.3	7.3	3.4	3.9	4.8	6.9	4.4	7.1	7.0	6.3
	厚度 Thickness mm	1.6	1.6				2.2	3.4	2.7	2.3	2.5
ϕ5x180	宽度 Width mm	9.2	9.2	1.2	4.9	6.0	8.5	6.4	8.7	8.7	7.8
	厚度 Thickness mm	2.0	2.0				2.9	4.3	3.4	3.0	3.4

Needle File Sets 什锦锉套装

套装 Set Qty										
ϕ3x140x5pcs										
ϕ4x160x5pcs	√		√	√	√	√				
ϕ5x180x5pcs										
ϕ3x140x5pcs										
ϕ4x160x5pcs	√	√	√	√	√	√				
ϕ5x180x5pcs										
ϕ3x140x5pcs										
ϕ4x160x5pcs	√	√	√	√	√	√	√	√	√	√
ϕ5x180x5pcs										

Diamond Needle Files 金刚石什锦锉

尺寸 Size mm	形状 Shape										
ϕ3x140	宽度 Width mm	5.4	5.4	2.6	2.9	3.6	5.2	3.4	5.5	5.4	5.0
	厚度 Thickness mm	1.2	1.2				1.7	2.4	1.9	1.7	1.8
ϕ4x160	宽度 Width mm	7.3	7.3	3.4	3.9	4.8	6.9	4.4	7.1	7.0	6.3
	厚度 Thickness mm	1.6	1.6				2.2	3.4	2.7	2.3	2.5
ϕ5x180	宽度 Width mm	9.2	9.2	1.2	4.9	6.0	8.5	6.4	8.7	8.7	7.8
	厚度 Thickness mm	2.0	2.0				2.9	4.3	3.4	3.0	3.4



铝板锉 Hand Aluminium Files

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
8"	200	19.2	4.3
10"	250	23.2	5.0
12"	300	27.2	6.0
14"	350	31.2	6.8

铝半圆锉 Half-Round Aluminium Files

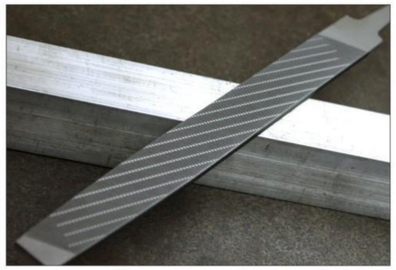
尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
6"	150	19.2	4.3
8"	200	23.2	5.0
10"	250	27.2	6.0
12"	300	31.2	6.8

双孔铝板锉 Double Hole Al Sheet Files

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
12"	300	30.0	5.5
14"	350	34.0	5.5

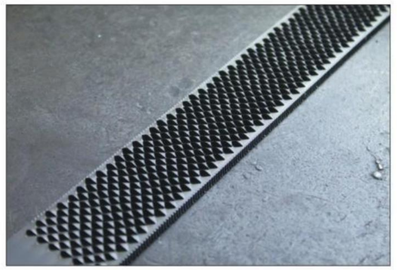
软金属锉 Multicut Flat Files

尺寸		宽度	厚度	单槽	双槽
Length		Width	Thickness	Single groove	Double groove
Inch	mm	mm	mm		
4"	100	11.5	2.6		
6"	150	15.5	3.3		
8"	200	19.2	4.3		
10"	250	23.2	5.0		
12"	300	27.2	6.0		
14"	350	31.2	6.8		



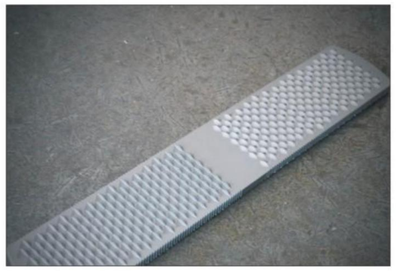
有柄马蹄锉 Hoof Rasps With Tang

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
9"	225	45.0	4.8
14"	350	45.0	4.8



无柄马蹄锉 Hoof Rasps Without Tang

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
12"	300	45.0	4.8
14"	350	45.0	4.8



弯折马蹄锉 Bent Hoof Rasp

长度	宽度	厚度	弯折角度
Length	Width	Thickness	Bending angle
mm	mm	mm	
90	28.8	8.5	70

马牙锉 Equine Dental Float Rasp

长度	宽度	厚度	圆弧半径
Length	Width	Thickness	Arc Radius
mm	mm	mm	R
104	39.0	4	33

Hoof Rasps | 马蹄锉

Double Edge Tapered Nut Files For Acoustic Guitar 木吉他锉

尺寸		宽度	厚度	锉刃厚度
Length		Width	Thickness	Files Blade Thickness
Inch	mm	mm	mm	inch
4"	100	16.2	2.1	0.055
				0.036
4"	100	16.2	2.1	0.050
				0.026
4"	100	16.2	2.1	0.042
				0.016

Double Edge Tapered Nut Files For Electric Guitar 电吉他锉

尺寸		宽度	厚度	锉刃厚度
Length		Width	Thickness	Files Blade Thickness
Inch	mm	mm	mm	inch
4"	100	16.2	2.1	0.046
				0.017
4"	100	16.2	2.1	0.036
				0.013
4"	100	16.2	2.1	0.026
				0.010

Double Edge Tapered Nut Files For Bass Guitar 电贝司锉

尺寸		宽度	厚度	锉刃厚度
Length		Width	Thickness	Files Blade Thickness
Inch	mm	mm	mm	inch
4"	100	16.2	3.2	0.130
				0.075
4"	100	16.2	3.2	0.105
				0.065
4"	100	16.2	2.1	0.085
				0.045

四用锉 4 in 1 Rasps

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
8"	203	22.5	5.0
10"	254	22.5	5.0

木钻锉 Drill Files

总长		直径
Length		Diameter
Inch	mm	mm
7"	205	5.0
10"	290	6.5

不锈钢扁锉 Hand Files For Stainless Steel

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	Mm
6"	240	23.0	3.7

不锈钢半圆锉 Half-Round Files For Stainless Steel

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
6"	240	16.0	4.3

Dovetail Groove File 燕尾槽锉

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
10"	254	27.2	4.8

Warding Files 锁锉

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
4"	100	11.4	1.2
6"	150	15.2	1.8
8"	200	19.7	2.3

Key File Set 钥匙锉

尺寸		形状	Shape	宽度	厚度
Length				Width	Thickness
Inch	mm			mm	mm
ϕ4	100	三角	Triangular	5	
		齐板	Hand	10	1.2
		尖板	Flat	10	1.2
		半圆	Half-Round	9.5	3.3
		方	Square	3	
		圆	Round	3	

Pneumatic Files 气动锉刀

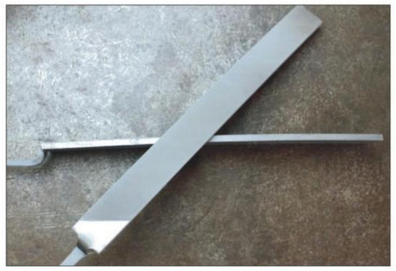
尺寸			形状	Shape	宽度	厚度
Length/mm					Width	Thickness
ϕ	ϕ1	mm			mm	mm
ϕ6.7	ϕ6.0	90	齐板锉	Hand	12.5	2.9
			尖板锉	Flat	12.5	2.9
			方锉	Square	5.9	
			圆锉	Round	6.7	
			三角锉	Triangular	8.3	
			半圆锉	Half-Round	13.0	3.7

机床锉 Lathe Files

尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
10"	250	24.8	5.8
12"	300	29.8	6.3
14"	350	34.8	7.3

钣金锉 Bent Body File

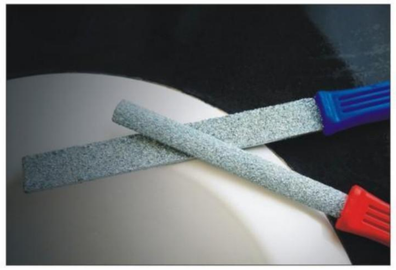
尺寸		宽度	厚度
Length		Width	Thickness
Inch	mm	mm	mm
14"	350	31.2	6.8



硬质合金锉(齐板+半圆) Carbide Files(Hand+Half-Round)

尺寸		宽度（齐板）	厚度（齐板）
Length		Width(Hand)	Thickness(Hand)
Inch	mm	mm	mm
8"	200	19.2	4.3

尺寸		宽度（半圆）	厚度（半圆）
Length		Width(Half-Round)	Thickness(Half-Round)
Inch	mm	mm	mm
8"	200	19.7	5.5



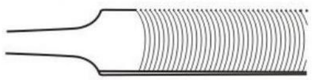
锉刀刷 File Cleaner

尺寸	长度	毛刷长度	宽度	厚度	毛刷厚度
Size	Length	Brush Length	Width	Thickness	Brush Thickness
Inch	mm	mm	mm	mm	mm
8"	210	100	42.0	7.5	14.5

长度Length

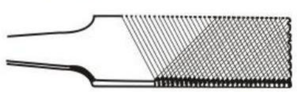
- 锉刀长度通常指从锉梢端至锉肩长度,,特别说明的除外
  Length is measured exclusive of tang,from point to heel,unless specified otherwise
- 锉刀长度的选择:根据工件材料和尺寸的大小,以及希望的锉削行程选择锉刀长度
  desired stroke length,type of material and size will determine length required

单锉纹single-cut



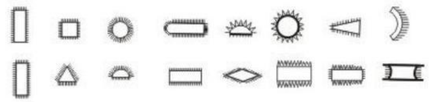
- 由一组单向、平行的锉齿构成
  Single set of parallel,diagonal rows of teeth
- 进行锉削所需压力较小，通常用于表面质量要求高的工件，或锉削刀、剪、锯的刃口
  Single-cut files are often used with light pressure to produce a smooth surface finesh or to put a keen edge on knives,shears or saws

双锉纹Double-cut



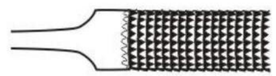
- 由两组交叉的锉纹构成
  2 sets of diagonal rows of teeth
- 主锉纹起主要锉削作用,主锉纹覆盖辅锉纹
  Second set of teeth cut in opposite diagonal direction and on top of the first set
- 两组锉纹的方向相反，锉纹斜角不同
  First set of teeth is known as the overcut,second is known as upcut is finer than overcut
- 进行锉削所需压力较大，锉削材料的速度快
  Double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece

断面形状Shape



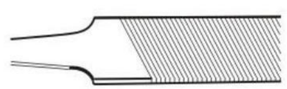
- 根据工件被锉削表面的形状选择锉刀形状
  Area to filed will determine the type (round,square,flat,etc.)of the file to be used

木锉Wood rasp-cut



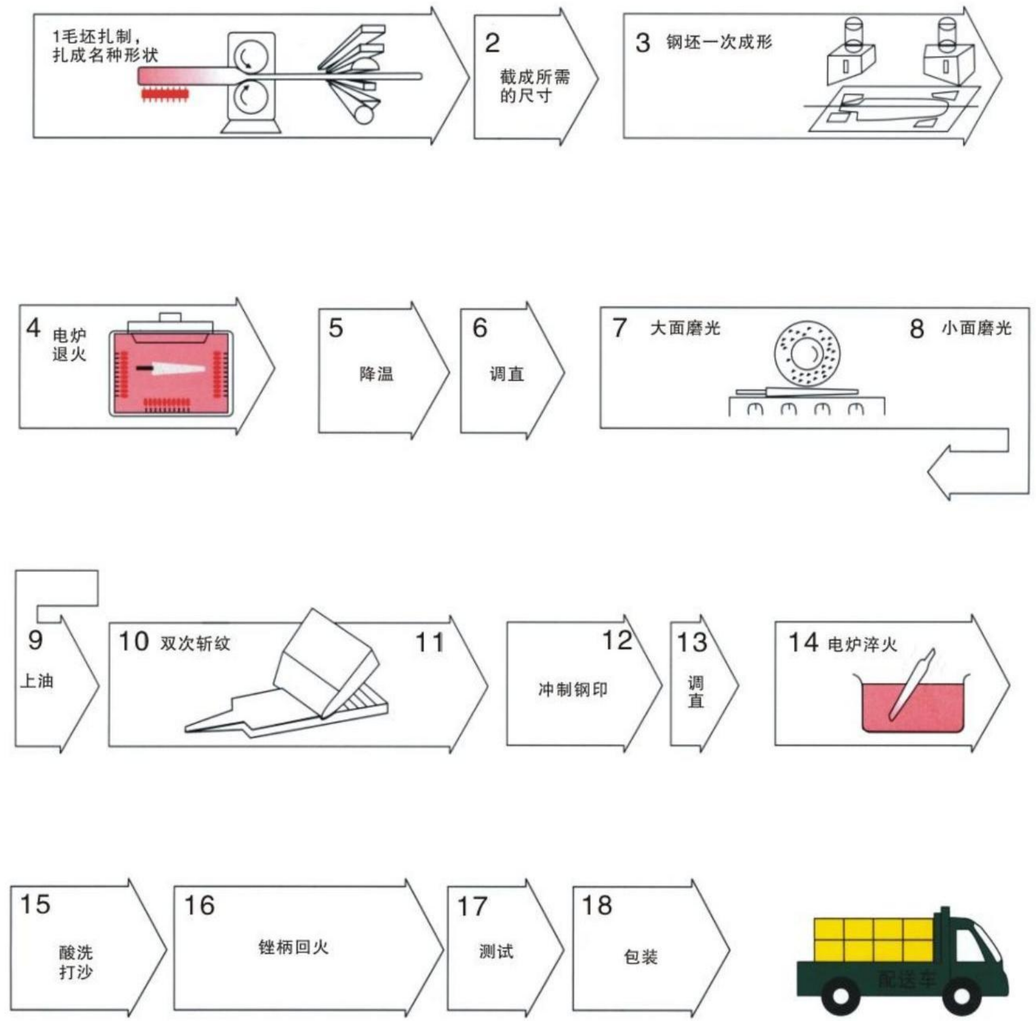
- 锉纹由单独的点齿构成,用单点工具成形
  Series of individual teeth which are formed by a single-pointd tool
- 通常用于木材、马蹄、铝、铅、石膏等软材料，锉削速度快
  Produces a rough cut that is used primarily on wood, hooves,aluminum,lead and gypsum etc.

铝锉Curved teeth



- 锉纹由一组等曲率的圆弧构成
  Teeth arranged in curved contours across the file face
- 通常用于汽车车身锉削，能保证锉削表面非常光滑
  Curved-cut file is normally used in automotive body shops for smoothing boby panels and Elevator track.
  根据工件的表面要求选择齿纹
  Choose the right teeth according to the surface

钢锉生产工艺流程



NO.SF01 平头扁锉/Hand files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 (Inch) Standart (mm)	4"	5"	6"	8"	10"	12"	14"	16"	18"
	100	125	150	200	250	300	350	400	450
宽 x 厚/Senction(mm)	12x2.5	14x3.0	16x3.5	20x4.2	24x5.0	28x6.0	31.5x6.8	35x7.8	39x8.8
数 量/Qty/Case(pcs)	600	400	400	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	19/18	21/20	30/29	30/29	32/31	33/32	41/40	35/34	38/37
外形尺寸/Wd.Case Size(cm)	34x16x14	35x18x15	34x23x16	29x22x16	34x26x12	41x18x14	47x23x12	52x18x12	57x19x12

NO.SF02 尖头扁锉/Flat files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 (Inch) Standart (mm)	4"	5"	6"	8"	10"	12"	14"	16"	18"
	100	125	150	200	250	300	350	400	450
宽 x 厚/Senction(mm)	12x2.5	14x3.0	16x3.5	20x4.2	24x5.0	28x6.0	31.5x6.8	35x7.8	39x8.8
数 量/Qty/Case(pcs)	600	400	400	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	18/17	20/19	29/28	29/28	30/29	34/33	36/35	33/32	36/35
外形尺寸/Wd.Case Size(cm)	34x16x14	35x18x15	34x23x16	29x22x16	35x24x12	41x18x14	47x23x12	52x18x12	57x19x12

NO.SF03 半圆锉/Half –round files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 (Inch) Standart (mm)	4"	5"	6"	8"	10"	12"	14"	16"	18"
	100	125	150	200	250	300	350	400	450
宽 x 厚/Senction(mm)	12x3.5	14x4.0	16x4.5	20x5.5	24x6.8	28x7.5	31.5x8.5	35x9.5	39x10.5
数 量/Qty/Case(pcs)	600	400	400	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	17/16	22/21	29/28	28/27	30/29	33/32	34/33	34/33	40/39
外形尺寸/Wd.Case Size(cm)	34x16x14	34x18x15	34x23x18	29x26x18	34x26x15	41x22x15	47x23x12	52x22x10	57x19x10

NO.SF04 三角锉/Triangular files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 (Inch) Standart (mm)	4"	5"	6"	8"	10"	12"	14"	16"	18"
	100	125	150	200	250	300	350	400	450
面 宽/Senction(mm)	8.0x8.0	9.5x9.5	11x11	13x13	16x16	19x19	22x22	26x26	28x28
数 量/Qty/Case(pcs)	600	400	400	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	17/16	19/18	29/28	27/26	30/29	33/32	31/30	33/32	35/34
外形尺寸/Wd.Case Size(cm)	34x16x14	34x18x14	41x22x12	29x22x16	35x24x12	41x20x15	47x23x12	52x22x10	57x25x10

NO.SF05 方 锉/Square files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 (Inch) Standart (mm)	4"	5"	6"	8"	10"	12"	14"	16"	18"
	100	125	150	200	250	300	350	400	450
面 宽/Senction(mm)	3.5x3.5	4.5x4.5	5.5x5.5	7.0x7.0	9.0x9.0	11x11	14x14	18x18	22x22
数 量/Qty/Case(pcs)	800	600	600	400	240	120	60	40	30
毛重/净重/G.W./N.W.(kg)	11/10	18/17	27/26	32/31	35/34	35/34	30/29	31/30	40/39
外形尺寸/Wd.Case Size(cm)	34x16x14	34x18x15	27x22x17	29x26x17	34x22x14	41x27x10	47x23x12	52x22x9	57x25x10

NO.SF06 圆 锉/Round files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 (Inch) Standart (mm)	4"	5"	6"	8"	10"	12"	14"	16"	18"
	100	125	150	200	250	300	350	400	450
直 径/Diameter(mm)	3.5	4.5	5.5	7.0	9.0	11	14	18	20
数 量/Qty/Case(pcs)	800	600	600	400	240	120	60	40	30
毛重/净重/G.W./N.W.(kg)	10/9	17/16	20/19	31/30	32/31	24/23	23/22	24/23	25/24
外形尺寸/Wd.Case Size(cm)	34x16x14	34x19x15	27x22x17	29x26x17	34x26x15	41x23x12	47x23x12	52x22x10	57x18x12

NO.SF07 油光锉/Dead smooth files

规 格 Standart (Inch)	4"	5"	6"	8"	10"	12"	14"	16"	18"
(mm)	100	125	150	200	250	300	350	400	450
宽 x 厚/Senction(mm)	12x2.5	14x3.0	16x3.5	20x4.2	24x5.0	28x6.0	31.5x6.8	35x7.8	39x8.8
数 量/Qty/Case(pcs)	600	400	400	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	19/18	21/20	30/29	30/29	32/31	33/32	41/40	35/34	38/37
外形尺寸/Wd.Case Size(cm)	34x16x14	35x18x15	34x23x16	29x22x16	34x26x12	41x18x14	47x23x12	52x18x12	57x19x12

NO.SF08 齐头单纹米尔锉/Hand mill files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 Standart (Inch)	4"	5"	6"	8"	10"	12"	14"	16"	18"
(mm)	100	125	150	200	250	300	350	400	450
宽 x 厚/Senction(mm)	12x2.5	14x3.0	16x3.5	20x4.2	24x5.0	28x6.0	31.5x6.8	35x7.8	39x8.8
数 量/Qty/Case(pcs)	600	400	400	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	19/18	21/20	30/29	30/29	32/31	33/32	41/40	35/34	38/37
外形尺寸/Wd.Case Size(cm)	34x16x14	35x18x15	34x23x16	29x22x16	34x26x12	41x18x14	47x23x12	52x18x12	57x19x12

NO.SF09 尖头单纹米尔锉/Flat mill files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 Standart (Inch)	4"	5"	6"	8"	10"	12"	14"	16"	18"
(mm)	100	125	150	200	250	300	350	400	450
宽 x 厚/Senction(mm)	12x2.5	14x3.0	16x3.5	20x4.2	24x5.0	28x6.0	31.5x6.8	35x7.8	39x8.8
数 量/Qty/Case(pcs)	600	400	400	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	18/17	20/19	29/28	29/28	30/29	34/33	36/35	33/32	36/35
外形尺寸/Wd.Case Size(cm)	34x16x14	35x18x15	34x23x16	29x22x16	35x24x12	41x18x14	47x23x12	52x18x12	57x19x12

NO.SF10 菱形锉/Frather adge files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 Standart (Inch)	3"	3.5"	4"	5"	6"	8"	10"
(mm)	75	90	100	125	150	200	250
面 宽/Senction(mm)	18x2.3	18x2.3	20x3.0	25x3.5	28x4.0	32x5.0	32x5.0
数 量/Qty/Case(pcs)	600	600	400	400	240	200	150
毛重/净重/G.W./N.W.(kg)	21/20	23/22	17/16	23/22	24/23	24/23	24/23
外形尺寸/Wd.Case Size(cm)	25x25x12	29x25x12	34x19x15	34x19x15	24x21x16	35x27x14	35x29x17

NO.SF11 链 锯 锉/Chain saw files

规 格 Standart (Inch)	6"		8"			10"		
(mm)	150		200			250		
直 径 Diameter (Inch)	9x64	3x16	5x32	11x64	3x16	5x32	3x16	7x32
(mm)	3.5	4.8	4.0	4.8	5.5	4.0	4.8	5.5
数 量/Qty/Case(pcs)	1000	1000	600	600	600	600	600	600
毛重/净重/G.W./N.W.(kg)	13/12	15/14	12/11	15/14	18/17	15/14	21/20	27/26
外形尺寸/Wd.Case Size(cm)	43x17x13	43x17x13	41x27x13	41x27x13	41x27x13	40x33x13	40x33x13	40x33x13

NO.SF12 农镰锉/Farmer's own files 粗纹、中纹、细纹（Bastard、Second、Smooth）

规 格 Standart (Inch)	6"	8"	10"	12"
(mm)	150	200	250	250
面 宽/Senction(mm)	20x3.5	24x4.2	28x5.0	31.5x6.0
数 量/Qty/Case(pcs)	300	160	100	60
毛重/净重/G.W./N.W.(kg)	31/30	40/39	40/39	33/32
外形尺寸/Wd.Case Size(cm)	25x24x11	30x29x11	35x15x13	40x20x10

NO.SF13 窄形三角锉/Slim taper files 单纹、双纹 (Single cut、Double cut)

规 格 Standart (Inch)	3"	4"	5"	6"	7"	8"
(mm)	75	100	125	150	175	200
面宽稍宽/Senction(mm)	5.0/3.3	6.0/4.0	7.0/4.6	8.5/5.6	10/6.5	12/8.0
数 量/Qty/Case(pcs)	1800	1200	1200	600	600	480
毛重/净重/G.W./N.W.(kg)	16/15	23/22	25/24	37/36	26/25	46/45
外形尺寸/Wd.Case Size(cm)	39x20x15	37x33x15	40x36x15	46x27x15	43x30x18	46x30x20

NO.SF14 重型三角锉/Heavy tapper saw files 粗纹、中纹、细纹 (Bastard、Second、Smooth)

规 格 Standart (Inch)	4"	5"	6"	7"	8"
(mm)	100	125	150	175	200
面 宽/Senction(mm)	9.0x6.0	10.5x7.0	12x8.0	13x9.0	14x10
数 量/Qty/Case(pcs)	480	480	300	200	150
毛重/净重/G.W./N.W.(kg)	25/24	33/32	27/26	31/30	25/24
外形尺寸/Wd.Case Size(cm)	51x19x13	36x23x14	31x23x19	25x21x16	29x20x14

NO.SF15 重型齐头锉/Heavy blunt band saw files 粗纹、中纹、细纹 (Bastard、Second、Smooth)

规 格 Standart (Inch)	4"	5"	6"	7"	8"
(mm)	100	125	150	175	200
面 宽/Senction(mm)	9.0x9.0	10.5x10.5	12x12	13x13	14x14
数 量/Qty/Case(pcs)	480	480	300	200	150
毛重/净重/G.W./N.W.(kg)	26/25	34/33	28/27	35/34	27/26
外形尺寸/Wd.Case Size(cm)	51x19x13	36x23x14	31x23x19	25x21x16	29x23x17

NO.SF16 铝扁锉/Aluminum flat files (6、7、8、9、10、11) teeth/Inch

规 格 Standart (Inch)	8"	10"	12"	14"	16"	18"
(mm)	200	250	300	350	400	450
面宽稍宽/Senction(mm)	20x4.2	24x5.0	28x6.0	31.5x6.0	35x7.8	39x8.8
数 量/Qty/Case(pcs)	200	120	80	60	40	30
毛重/净重/G.W./N.W.(kg)	26/25	29/28	32/31	36/35	32/31	29/28
外形尺寸/Wd.Case Size(cm)	29x26x12	34x18x14	41x18x15	46x20x12	52x22x19	57x19x9

NO.SF17 半圆铝工锉/Half round aluminum files

规 格 Standart (Inch)	4"	8"	10"	12"	14"
(mm)	150	200	250	300	350
面 宽/Senction(mm)	16x4.5	20x5.5	24x7.0	28x8.0	31.5x9.0
数 量/Qty/Case(pcs)	400	200	120	80	60
毛重/净重/G.W./N.W.(kg)	26/25	25/24	29/28	29/28	30/29
外形尺寸/Wd.Case Size(cm)	35x24x18	29x25x16	35x25x14	41x22x15	46x23x12

NO.SF18 双孔铝扁锉/Double hole al files (6、7、8、9、10、11) teeth/Inch

规 格 Standart (Inch)	12"	14"
(mm)	300	350
直 径/Senction (mm)	30x5.5	34x5.5
数 量/Qty/Case(pcs)	80	60
毛重/净重/G.W./N.W.(kg)	25/24	27/26
外形尺寸/Wd.Case Size(cm)	33x21x10	37x24x10

NO.SF19 钢木半圆锉/Half round wood rasp steel files

粗纹、中纹、细纹（Bastard、Second、Smooth）

规格 Standart (Inch)	6"	8"	10"	12"	14"
规格 Standart (mm)	150	200	250	300	350
面　宽/Senction(mm)	16x4.5	20x5.2	24x6.8	28x7.5	14x9.0
数　量/Qty/Case(pcs)	400	200	120	80	60
毛重/净重/G.W./N.W.(kg)	29/28	28/27	30/29	33/32	34/33
外形尺寸/Wd.Case Size(cm)	34x23x20	29x26x20	34x26x17	41x22x16	47x23x14

NO.SF20 扁木锉/Hand wood rasp files

粗纹、中纹、细纹（Bastard、Second、Smooth）

规格 Standart (Inch)	6"	8"	10"	12"	14"
规格 Standart (mm)	150	200	250	300	350
面　宽/Senction(mm)	16x3.5	20x4.2	24x5.0	28x6.0	14x6.8
数　量/Qty/Case(pcs)	400	200	120	60	60
毛重/净重/G.W./N.W.(kg)	30/29	30/29	32/31	33/32	41/40
外形尺寸/Wd.Case Size(cm)	24x23x18	29x22x18	34x26x12	41x18x15	47x23x14

NO.SF21 木半圆锉/Half round wood rasp files

粗纹、中纹、细纹（Bastard、Second、Smooth）

规格 Standart (Inch)	6"	8"	10"	12"	14"
规格 Standart (mm)	150	200	250	300	350
面　宽/Senction(mm)	16x4.5	20x5.5	24x6.8	28x7.5	14x9.0
数　量/Qty/Case(pcs)	400	200	120	80	60
毛重/净重/G.W./N.W.(kg)	29/28	28/27	30/29	33/32	34/33
外形尺寸/Wd.Case Size(cm)	34x23x20	29x26x20	34x26x15	41x22x16	52x22x14

NO.SF22 圆木锉/Round wood rasp files

粗纹、中纹、细纹（Bastard、Second、Smooth）

规格 Standart (Inch)	6"	8"	10"	12"	14"
规格 Standart (mm)	150	200	250	300	350
直　径/Diameter(mm)	5.5	7	9	11	14
数　量/Qty/Case(pcs)	600	400	240	120	60
毛重/净重/G.W./N.W.(kg)	20/19	31/30	32/31	24/23	23/22
外形尺寸/Wd.Case Size(cm)	28x22x18	30x26x18	34x27x17	41x24x14	47x23x12

NO.SF23 尖木锉/Flat-pointed wood files

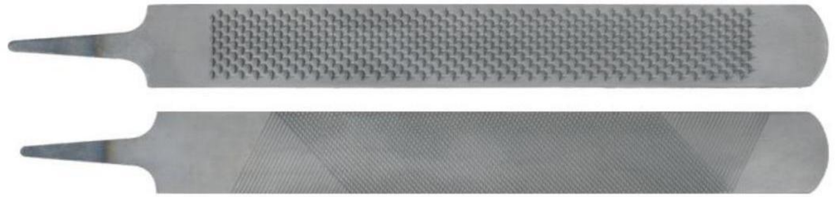
粗纹、中纹、细纹（Bastard、Second、Smooth）

规格 Standart (Inch)	6"	8"	10"	12"	14"
规格 Standart (mm)	150	200	250	300	350
面　宽/Senction(mm)	21.3x2.5	23.8x2.8	25.7x3.0	28x3.2	3.0x4.0
数　量/Qty/Case(pcs)	500	300	200	100	80
毛重/净重/G.W./N.W.(kg)	21/20	19/18	20/19	16/15	17/16
外形尺寸/Wd.Case Size(cm)	36x24x17	28x25x20	28x26x15	40x24x13	47x23x11

NO.SF24 红木锉/Half-roundt files

规格 Standart (Inch)	6"	8"	10"	12"	14"
规格 Standart (mm)	150	200	250	300	350
面　宽/Senction(mm)	17x2.8	20x3.0	22x3.0	24x3.2	30x4.5
数　量/Qty/Case(pcs)	500	300	200	100	80
毛重/净重/G.W./N.W.(kg)	10/9	18/17	19/18	15/14	16/15
外形尺寸/Wd.Case Size(cm)	36x24x17	28x25x20	28x26x15	40x24x13	47x23x11

NO.SF25 马蹄锉/Horse hoof files



规 格 (Inch)	12"	14"
Standart (mm)	300	350
面 宽/Senction(mm)	32x6.5	40x7.5
数 量/Qty/Case(pcs)	80	60
毛重/净重/G.W./N.W.(kg)	28/27	40/39
外形尺寸/Wd.Case Size(cm)	40x18x11	46x20x11

NO.SF26 四合一钢木锉/Half round steel carpenter's files

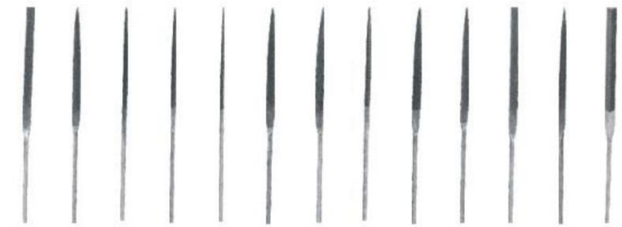
规 格 (Inch)	8"
Standart (mm)	200
面 宽/Senction(mm)	20x7.0
数 量/Qty/Case(pcs)	200
毛重/净重/G.W./N.W.(kg)	38/37
外形尺寸/Wd.Case Size(cm)	29x25x16

NO.SF27 刀形锉/Knife files

粗纹、中纹、细纹 (Bastard、Second、Smooth)

规 格 (Inch)	8"	10"	12"	14"
Standart (mm)	200	250	300	350
面 宽/Senction(mm)	20x3.5	24x4.5	28x5.5	32x6.5
数 量/Qty/Case(pcs)	400	200	120	80
毛重/净重/G.W./N.W.(kg)	26/25	26/25	29/28	32/31
外形尺寸/Wd.Case Size(cm)	39x21x12	28x25x13	35x17x15	40x20x12

NO.SF28 什锦锉/Needle files



Φ 3x140mmx10 Φ 3x140mmx12 Φ 4x160mmx7 Φ 4x160mmx8 Φ 4x140mmx10
Φ 4x160mmx12 Φ 5x180mmx5 Φ 5x180mmx10 Φ 5x180mmx12

规 格 Size	齐头扁锉 Hand	半圆锉 Half round	三角锉 Triangular	方锉 Square	圆锉 Round	尖头扁锉 Flat	刀形锉 Knife	单面三角锉 Barrette	双半圆锉 Crossing	椭圆锉 Ovel	圆边扁锉 Joint round	菱形锉 Feather edge
5pcs	●	●	●	●	●							
7pcs	●	●	●	●	●	●	●					
8pcs	●	●	●	●	●	●	●	●				
10pcs	●	●	●	●	●	●	●	●	●	●		
12pcs	●	●	●	●	●	●	●	●	●	●	●	●

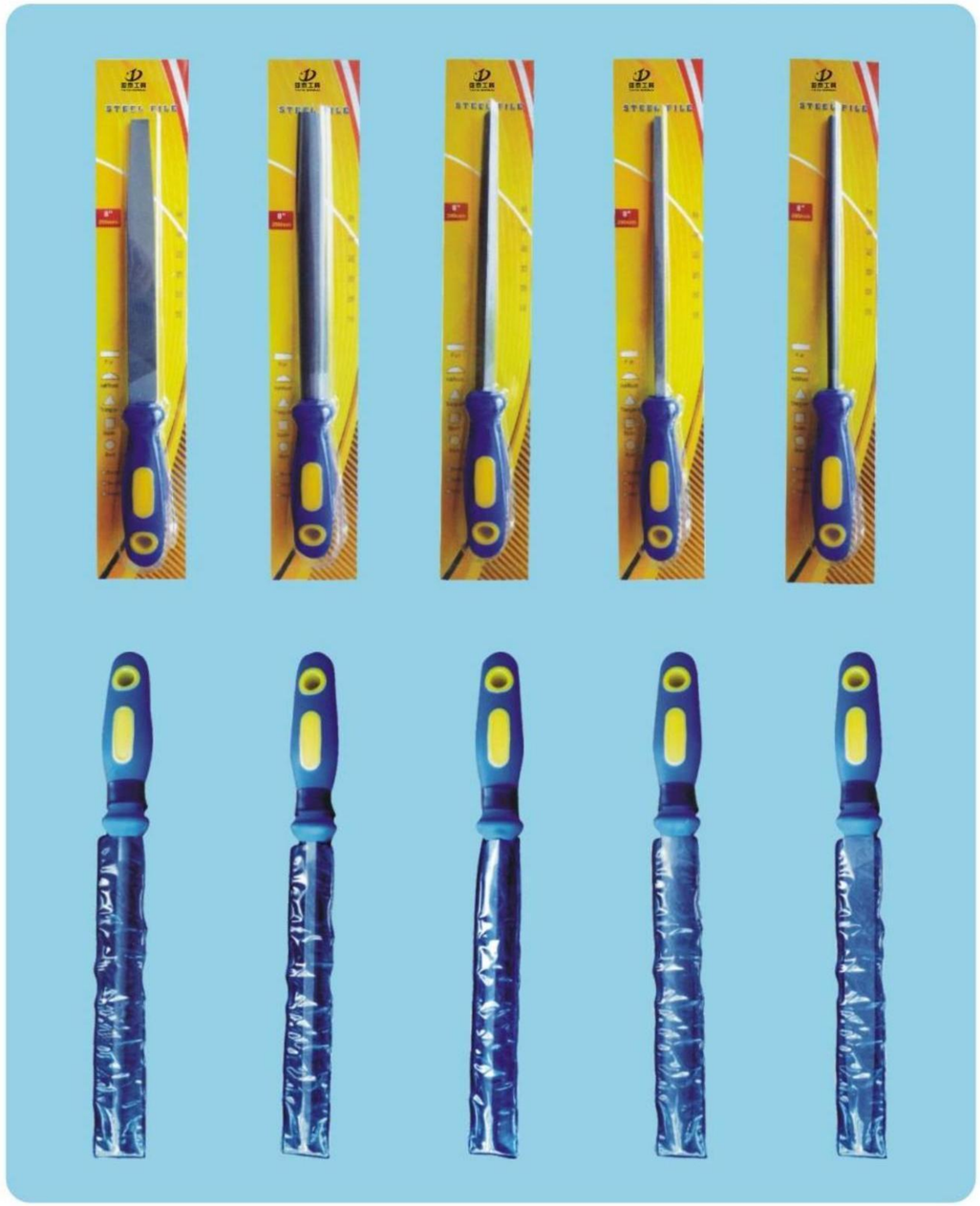
NO.SF29 金钢石什锦锉/Diamond needle files

Φ 3x140mmx50/70 Φ 3x160mmx50/70 Φ 4x160mmx50/70
Φ 4x180mmx50/70 Φ 4x200mmx50/70 Φ 5x200mmx50/70

规 格 Size	齐头扁锉 Hand	半圆锉 Half round	三角锉 Triangular	方锉 Square	圆锉 Round	尖头扁锉 Flat	刀形锉 Knife	单面三角锉 Barrette	双半圆锉 Crossing	椭圆锉 Ovel	圆边扁锉 Joint round	菱形锉 Feather edge
5pcs	●	●	●	●	●							
7pcs	●	●	●	●	●	●	●					
8pcs	●	●	●	●	●	●	●	●				
10pcs	●	●	●	●	●	●	●	●	●	●		
12pcs	●	●	●	●	●	●	●	●	●	●	●	●

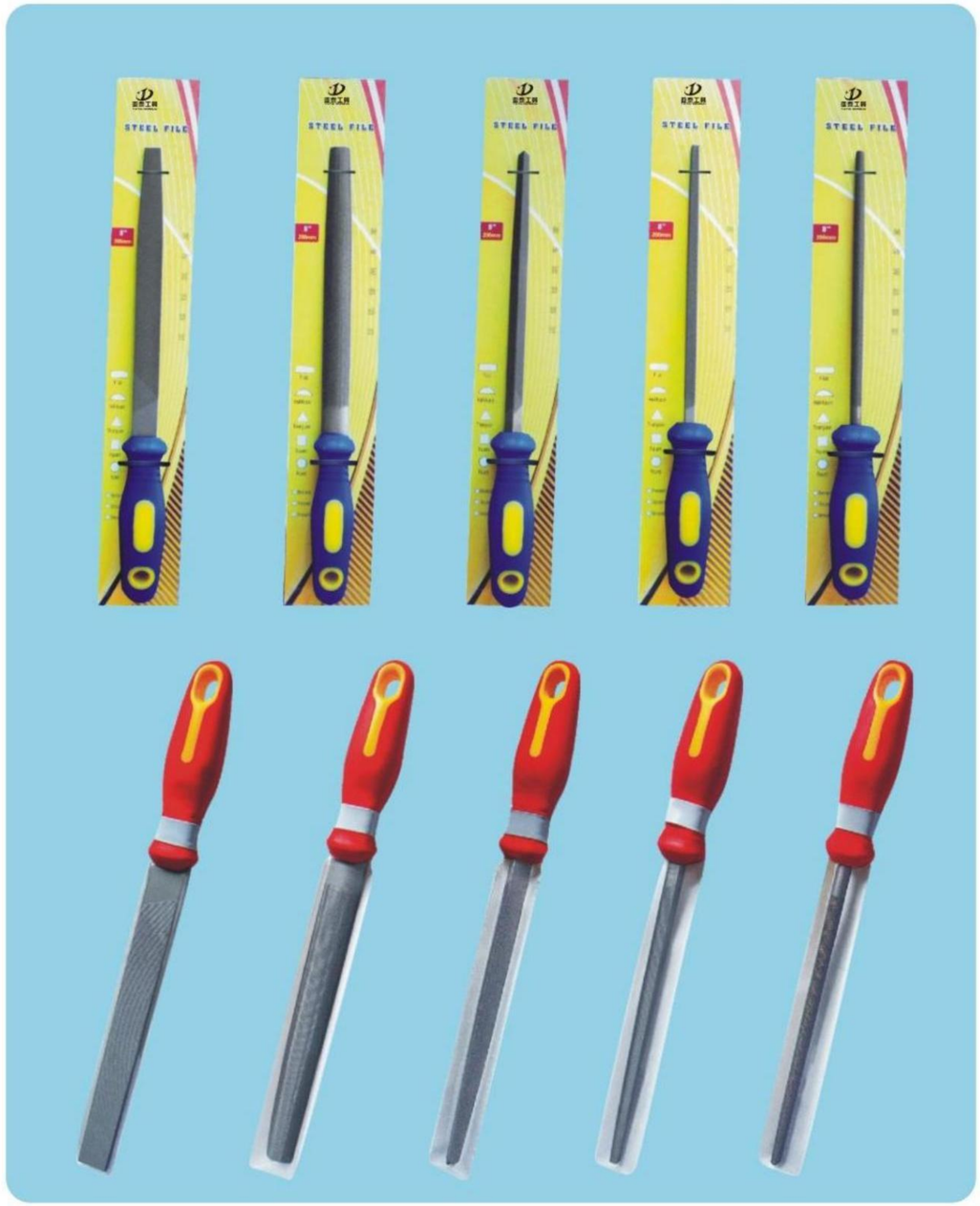
单支包装 Single Package

可选择不同种类的锉柄
(Be able to select any kinds of handle)



单支包装 Single Package

可选择不同种类的锉柄
(Be able to select any kinds of handle)



套装 Files Set

可选择不同种类的锉柄
(Be able to select any kinds of handle)

套装 Files Set

可选择不同种类的锉柄
(Be able to select any kinds of handle)

套装 Files Set

可选择不同种类的锉柄
(Be able to select any kinds of handle)

铲柄 Handles

铲柄 Handles