



HAND TOOLS-STEEL FILES

Your speedy effortless tool ►



JK MAINI
PRECISION TECHNOLOGY
A *Raymond* GROUP COMPANY



Profile

JK Files & Engineering Limited, a subsidiary of Raymond Ltd enjoys leadership position as the world's largest manufacturer of steel files with a share of over 25% of global capacity in 2020, with a presence in over 55 countries. The company is the market leader in the files segment in India with a market share of over 60% by sales volume in fiscal 2021.

With trusted relationships that are built over the past seven decades, JK Files & Engineering has earned a reputation as a manufacturer offering expansive and versatile range of custom made files and tools as per BS, FS, ISI and DIN standards or as specified by customers. The company also has a strong presence in the Asian, African and Latin American regions and is the largest brand in the African market with a market share of over 50% by volume in steel files in 2020. In addition, it is amongst the leading players in the drills segment in India.

Our organization is backed by four ISO 9001-2015 certified plants strategically located at Ratnagiri & Chiplun in Maharashtra and Vapi in Gujarat. All plants are equipped with in-house rolling mills that ensure premium quality as well as easy product availability with wide spread of SKU's in the market. Our strong commitment to quality has helped us build an enviable reputation even in technologically advanced markets like Europe, USA and UK.

We export files and drills to Europe, Latin America, Africa, North America and Asia-Pacific under our own brand as well as white labelled products.

The brand 'JK' extends its rich legacy of technological know-how and expertise in manufacturing files and drills to quality products in Hand tools and Power tools categories. The expansive portfolio includes a wide variety of handheld electric powered and non-powered tools such as Marble Cutter, Angle grinder, Impact Drill, Electric Drill, Cut-Off Saw, Pliers, Wrenches, Hammers, Spanners, Screw Drivers, Iron Jack Planes, Hole Saw, Hand Hack Saw Blades, TCT Circular Saw, Sockets etc. Our objective is to simplify laborious tasks carried out by professionals such as carpenters, masons, plumbers, electricians, metal fabricators and MRO industry with high degree of efficiency and superior quality.

Building resilience through a resilient supply chain ably supported by local warehouses aligned to strong dealer distributor model. Our pan-India distribution network consists of over 730 active distributors with a retail reach of over 150,000 outlets spanning over 600 towns in India.

We Welcome you to the world of JK Superdrive



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Quality Policy

We shall provide products and services that meets our Customers' requirements on time, every time.

We shall provide all possible assistance to our Customers wherever required to get benefits from the use of our products.

We shall continually improve our processes to understand changing customer needs of QUALITY, COST and DELIVERY which is vital for our continued growth and success.

We will continually improve the effectiveness and compliance of our QUALITY MANAGEMENT SYSTEM with the involvement of employees at all levels.

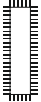
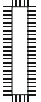
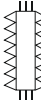
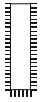
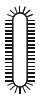
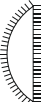
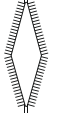
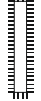
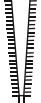
We are committed to ensure safety of all our facilities.



Parag Khare

Chief Business Officer
T&H Business

Index

MACHINIST Limes de mécanique Limas de mecánico		SAW Limes pour scies Limas para sierra		SAW Limes pour scies Limas para sierra		RASP Râpes à bois Escofinas		SPECIAL FILE Limes spéciales Limas para usos especiales		NEEDLE FILE Lime aiguilles Lima aguja		DIAMOND COATED NEEDLE FILES Limes aiguille diamantées Limas de agujas diamantadas	
NAME	SECTION	NAME	SECTION	NAME	SECTION	NAME	SECTION	NAME	SECTION	NAME	SECTION	NAME	SECTION
PAGE NO. -1-3		PAGE NO. -4-5		PAGE NO. -6-7		PAGE NO. -8-10		PAGE NO. -11-21		PAGE NO. -23-24		PAGE NO. -25-26	
FLAT		MILL REGULAR TWO SQUARE EDGE		DOUBLE ENDED SAW		FLAT		FLAT WITH CHIP BREAKER		FLAT		FLAT	
HAND		MILL BLUNT TWO ROUND EDGE		PIT SAW		HALF ROUND		HOBBY RASP		HAND		HAND	
HALF ROUND		MILL BLUNT ONE ROUND EDGE		FEATHER EDGE SAW		ROUND		FILE & RASP COMBINATION		HALF ROUND		HALF ROUND	
ROUND		MILL BLUNT TWO SQUARE EDGE		ROUND CHAIN SAW		CABINET RASP		HANDY FILE		ROUND		ROUND	
SQUARE		HEAVY TAPER				SHOE RASP		FLAT HANDLE		SQUARE		SQUARE	
THREE SQUARE		REGULAR TAPER				HORSE RASP WITH TANG		FLAT HANDLE WITH HEAVY		THREE SQUARE		THREE SQUARE	
WARDING		SLIM TAPER				HORSE RASP WITHOUT TANG		FLAT SUPERLIGHT 2ND CUT		KNIFE		KNIFE	
KNIFE		EXTRA SLIM TAPER								BARRETTE			
		DOUBLE EXTRA SLIM TAPER								CROSSING			
		BAND SAW								SLITTING			
										CROCHET			
										HAND WITH ROUND EDGE			

Available Cuts: ■ Bastard ■ Second Cut ■ Smooth

 File Cut  Safe Edge  Rasp Cut



Machinist Files

Limes de Mécanique

Limas de Mecánico

FLAT - Plate pointue - Plana punta



	SIZE	INCHES	4	6	8	10	12	14
		MM	100	150	200	250	300	350
	W	MM	12	16	20.5	25.0	29.8	35.5
	T	MM	3	4	4.45	5.80	6.1	7.1

HALF ROUND - Mironde - Mediacaña



	SIZE	INCHES	4	6	8	10	12	14
		MM	100	150	200	250	300	350
	W	MM	12	16.1	19.8	24.6	29.55	34.5
	T	MM	4	4.7	5.9	7.3	8.6	10.0

HAND - Plate á main - Plana paralela



	SIZE	INCHES	4	6	8	10	12	14
		MM	100	150	200	250	300	350
	W	MM	12	16	20.5	25.0	29.8	35.5
	T	MM	3	4	4.45	5.80	6.1	7.1

ROUND - Ronde - Redonda



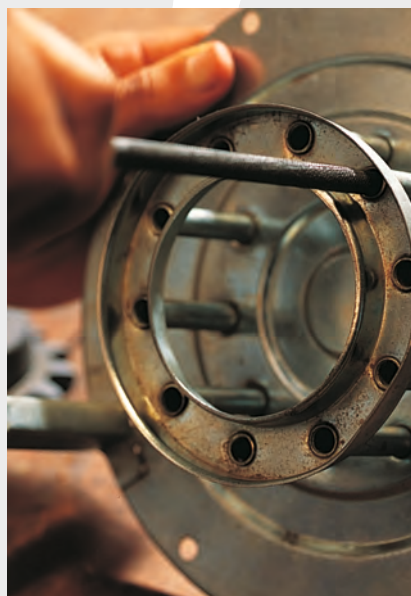
	SIZE	INCHES	4	6	8	10	12	14
		MM	100	150	200	250	300	350
	T	MM	3.8	6.3	7.15	9.25	12	16

FLAT - Plate pointue
- Plana punta

HAND - Plate á main
- Plana paralela

HALF ROUND - Mironde
- Mediacaña

ROUND - Ronde
- Redonda



SQUARE - Carrée - Cuadrada



SIZE	INCHES	4	6	8	10	12	14
	MM	100	150	200	250	300	350
T	MM	3.9	6	7.7	9.6	12.2	15.9

SQUARE - Carrée
- Cuadrada

WARDING - Entrée - Delgada



SIZE	INCHES	3	3.5	4	6	8
	MM	75	90	100	150	200
W	MM	10	9.5	12.1	16.4	20.5
T	MM	1.5	1	1.4	2.3	2.9

THREE SQUARE (TRIANGULAR)
- Triangulaire - Triangular

THREE SQUARE (TRIANGULAR) - Triangulaire - Triangular



SIZE	INCHES	4	6	8	10	12	14
	MM	100	150	200	250	300	350
W	MM	8.8	12	15.0	19.0	21.6	24.6

WARDING
- Entrée - Delgada

KNIFE - Couteau - Cuchillo



SIZE	INCHES	4	6	8	10
	MM	100	150	200	250
W	MM	12.9	17.4	22.3	27.4
T	MM	3.3	4.4	5.4	6.6

KNIFE - Couteau
- Cuchillo



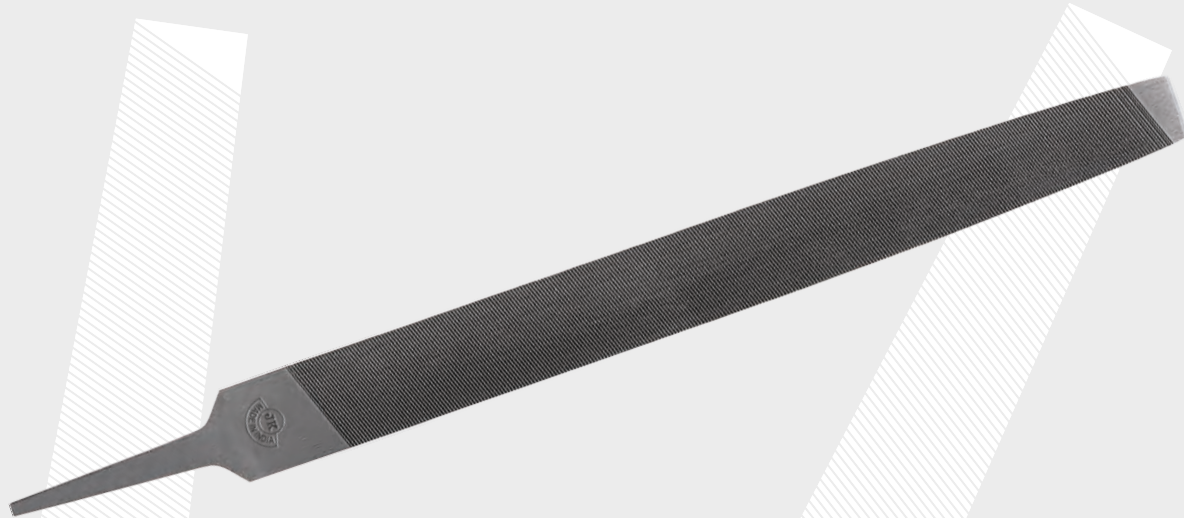


Saw Files

Limes pour scies

Limas para sierra





MILL REGULAR TSE

Plate pour
scies regulier
- 2 bords plats

Plana regular
- Dos cantos
planos

MILL BLUNT TRE

Plate pour scies
- 2 bords ronds

Plana paralela
sierra - Dos
cantos redondos

MILL BLUNT ORE

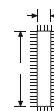
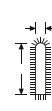
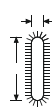
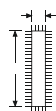
Plate pour
scies
- 1 bords rond

Plana paralela
sierra - Un
cantos redondos

MILL BLUNT TSE

Plate pour
scies
- 2 bords plats

Plana paralela
sierra - Dos
cantos planos



Length
Inches

Length
MM

W X T

W X T

W X T

W X T

4

100

11.5 X 1.9

-

-

-

6

150

16.0 X 3.0

16.0 X 3.0

16.0 X 3.0

16.0 X 3.0

7

175

18.0 X 3.2

18.0 X 3.2

18.0 X 3.2

18.0 X 3.2

8

200

20.4 X 3.5

20.4 X 3.5

20.4 X 3.5

20.4 X 3.5

9

225

-

24.0 X 3.8

24.0 X 3.8

24.0 X 3.8

10

250

25.1 X 4.8

25.1 X 4.8

25.1 X 4.8

25.1 X 4.8

12

300

30.3 X 5.3

30.3 X 5.3

30.3 X 5.3

30.3 X 5.3

14

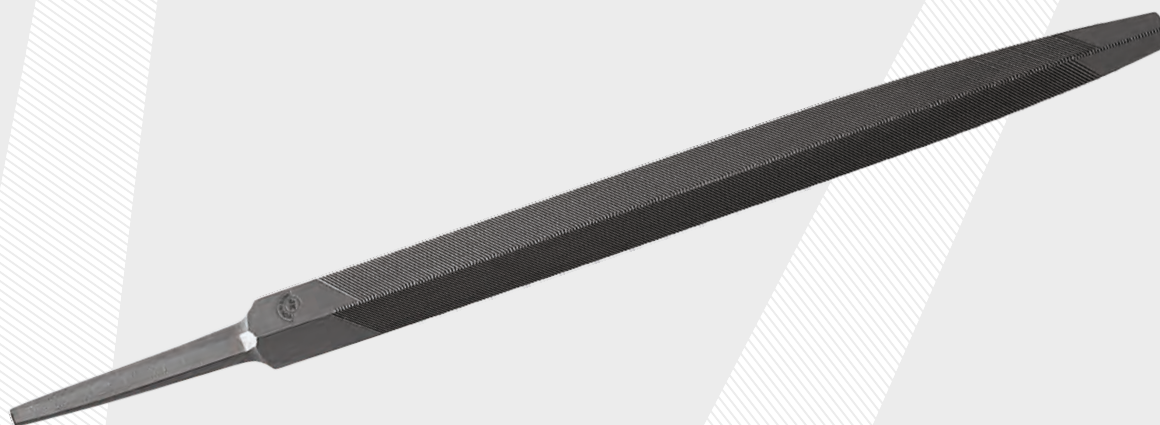
350

36.0 X 6.5

-

-

36.0 X 6.5



	HEAVY TAPER <i>Triangulaire pour scies lourde (Tiers-point)</i> <i>Triangular pesada</i>	REGULAR TAPER <i>Triangulaire pour scies régular</i> <i>Triangular normal</i>	SLIM TAPER <i>Triangulaire pour scies effilée</i> <i>Triangular delgada</i>	EXTRA SLIM TAPER <i>Triangulaire pour scies très effilée</i> <i>Triangular extra delgada</i>	DOUBLE EXTRA SLIM <i>Triangulaire pour scies double extre effilée</i> <i>Triangular delgadísima</i>	BAND SAW <i>Triangulaire pour machine à ruban bords ronds</i> <i>Sierra de cinta</i>
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Length Inches	Length MM	W	W	W	W	W	W
3	75	-	7.2	-	-	-	-
3.5	90	8.8	7.2	-	-	-	-
4	100	10.0	8.8	6.1	5.0	4.5	-
4.5	110	10.5	10.0	7.2	6.1	-	-
5	125	12	10.5	7.2	6.1	5.0	10.5
6	150	13.5	12	8.8	7.2	6.1	12
7	175	15.0	14.5	10.5	8.8	7.2	13.5
8	200	16.0	15.0	12	10.5	8.8	15.0
9	225	19.0	16.0	13.5	-	-	-
10	250	21.6	19.0	15.0	-	-	-

DOUBLE ENDED SAW - Triangulaire pour scies double - Triangular doble

	SIZE	INCHES	6	7	8	9	10
		MM	150	175	200	225	250
	W	MM	6.1	6.1	7.2	8.8	10.0

FEATHER EDGE - Pignon á languette - Serrucho de canto de lingueta

	SIZE	INCHES	5	6
		MM	125	150
	W	MM	27.3	27.3
	T	MM	9.6	9.6

PIT SAW - Barboche - Semiredonda

	SIZE	INCHES	4	4.5	5	6
		MM	100	110	125	150
	W	MM	8.3	9.3	10.3	11.3
	T	MM	4.2	4.7	5.2	5.7

ROUND CHAIN SAW - Onde pour scier á chaîne - Redonda para cadenas

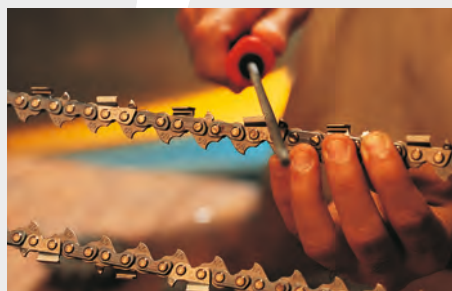
	SIZE	INCHES	6 DIA 1/8 9/64 5/32 11/64								
		MM	150	T	3.2	3.5	4.0	4.5			
	W	INCHES	8 DIA 3/16 13/64 7/32 15/64 1/4 5/16 3/8								
	T	MM	200	T	4.8	5.16	5.5	6.0	6.3	8.0	9.6

DOUBLE ENDED SAW - Triangulaire pour scies double - Triangular doble

PIT SAW - Barboche - Semiredonda

FEATHER EDGE - Pignon á languette - Serrucho de canto de lingueta

ROUND CHAIN SAW - Onde pour scier á chaîne - Redonda para cadenas





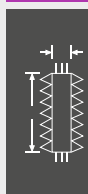
Rasp Files

Lime Râpes á bois

Lima de Escofinas

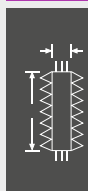


HAND - Plate a main - Plana paralela



SIZE	INCHES	6	8	10	12	14	16
	MM	150	200	250	300	350	400
W	MM	16.0	20.5	25.0	29.8	35.5	39.8
T	MM	4.0	4.45	5.8	6.1	7.1	8.8

FLAT - Plate pointue - Plana punta



SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
W	MM	16.0	20.5	25.0	29.8	35.5
T	MM	4.0	4.45	5.8	6.1	7.1

ROUND - Ronde - Redonda



SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
T	MM	6.3	8	10	12	16

HALF ROUND - Mironde - Mediacaña



SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
W	MM	16.1	19.8	24.6	29.55	34.5
T	MM	4.7	5.9	7.3	8.6	10.0

CABINET RASP - Râpe chaisière - Escofina de ebanista



SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
W	MM	19.5	23.5	29	34.5	39
T	MM	3.5	4.5	6	6.5	8.5

FLAT - Plate pointue
- Plana punta

HALF ROUND - Mironde
- Mediacaña

ROUND - Ronde
- Redonda

CABINET RASP
- Râpe chaisière
- Escofina de ebanista



SHOE RASP - Râpe bottier - Raspa de zapatero



SIZE	INCHES	8	10
	MM	200	250
W	MM	19.8	24.6
T	MM	5.9	7.3

HORSE RASP - Râpe maréchale - Raspa de herrador



WITH TANG · À queue · Con cola

SIZE	INCHES	12	14
	MM	300	350
W	MM	39.8	42.0
T	MM	8.8	5.5

HORSE RASP - Râpe maréchale - Raspa de herrador



WITHOUT TANG · Sans queue · Sin cola

SIZE	INCHES	12	14
	MM	300	350
W	MM	35.7	39.8
T	MM	7.7	8.8



SHOE RASP - Râpe bottier - Raspa de zapatero



HORSE RASP - Râpe maréchale - Raspa de herrador





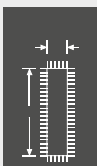
Special Files

Limes spéciales

*Limas para usos
especiales*

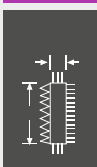


FLAT WITH CHIP BREAKING GROOVE - Plate pointue a casse copeaux - Plana con ranura para desacuñar



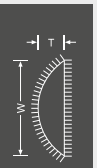
SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
W	MM	16	20.5	25.0	29.8	35.5
T	MM	4	4.45	5.8	6.1	7.1

FILE & RASP COMBINATION - Lime et râpe combinée - Lima y escofín á combinado



SIZE	INCHES	6	8
	MM	150	200
W	MM	16.0	20.5
T	MM	4.0	4.45

HOBBY RASP



SIZE	INCHES	8	10
	MM	200	250
W	MM	24.8	24.8
T	MM	6.0	6.0

HANDY FILE - Lime handy - Lima handy



SIZE	INCHES	6	8	10	12
	MM	150	200	250	300
W	MM	20.4	25.1	30.3	30.3
T	MM	3.5	4.8	5.3	5.3



FLAT WITH CHIP BREAKING GROOVE - Plate pointue a casse copeaux - Plana con ranura para desacuñar

HOBBY RASP

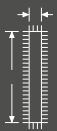
FILE & RASP COMBINATION - Lime et râpe combinée - Lima y escofín á combinado

HANDY FILE - Lime handy - Lima handy

FLAT HANDLE

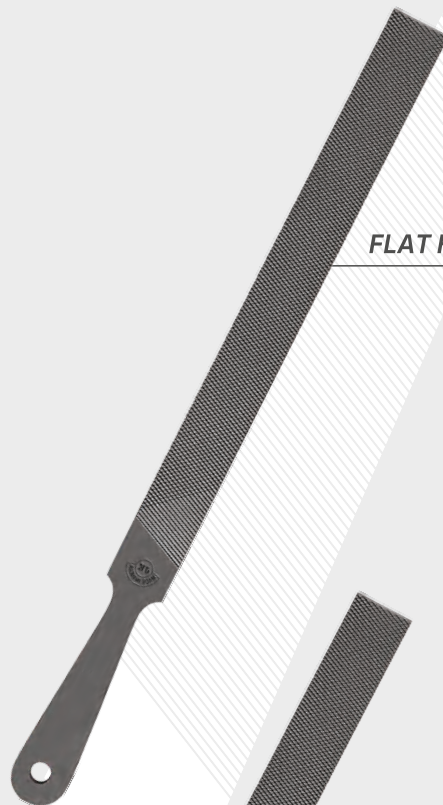
	SIZE	INCHES	6	8	10	12
		MM	150	200	250	300
	W	MM	16.0	20.4	25.1	30.3
	T	MM	3.0	3.5	4.8	5.3

FLAT SUPER LIGHT 2ND CUT

	SIZE	INCHES	6	8	10	12
		MM	150	200	250	300
	W	MM	16.0	20.4	25.1	30.3
	T	MM	3.0	3.5	4.8	5.3

FLAT HANDLE HEAVY

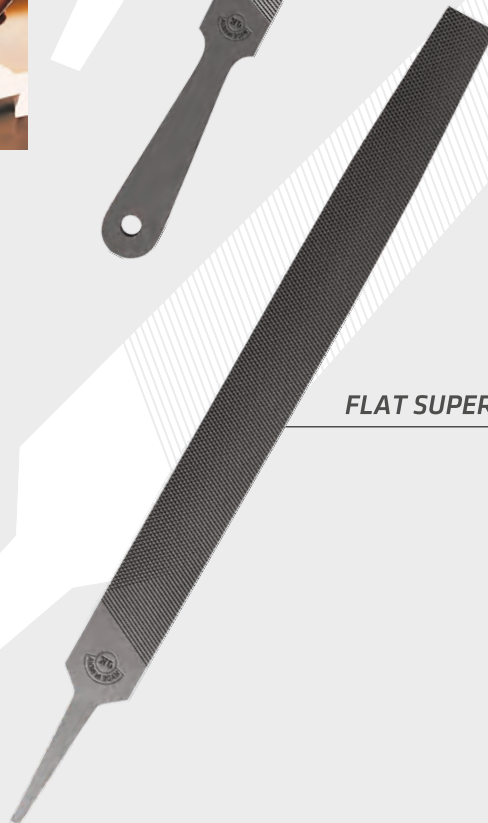
	SIZE	INCHES	6	8	10	12
		MM	150	200	250	300
	W	MM	16.0	20.5	25.0	29.8
	T	MM	4.0	4.45	5.8	6.1



FLAT HANDLE



FLAT HANDLE HEAVY



FLAT SUPER LIGHT 2ND CUT

PILLAR REGULAR - Pilier regulier - Pilares regular



	SIZE	INCHES	6	8	10	12
		MM	150	200	250	300
	W	MM	11.3	14.5	18	21
	T	MM	5.7	7.3	9	10.6

Highlights: These files are narrower than hand files. One safe edge. Double Cut.

Application: Pillar files are used by millwrights and machinists for filing keyways, slots, etc.

ALUMINIUM HALF ROUND - Mironde pour aluminium - Mediacana aluminio



	SIZE	INCHES	6	8	10	12	14
		MM	150	200	250	300	350
	W	MM	16.1	19.8	24.6	29.55	34.5
	T	MM	4.7	5.9	7.3	8.6	10

Highlights: One side is half round and the other side is flat. Teeth are designed for fast cutting and to minimise clogging of metal. Double Cut.

Application: These are primarily used for filing flat as well as curved surfaces of aluminium alloy and other non-ferrous metals.

ALUMINIUM FLAT - Plate pointue pour aluminium - Plana aluminio



	SIZE	INCHES	6	8	10	12	14
		MM	150	200	250	300	350
	W	MM	16	20.5	25	29.8	35.5
	T	MM	4	4.45	5.8	6.1	7.1

Highlights: Teeth are designed for fast cutting and to minimise clogging of metal. Double Cut.

Application: These are primarily used for filing flat surfaces of aluminium alloy and other non-ferrous metals.

LONG ANGLE LATHE FILE - Plate pour tour - Lima De angulo largo para torno



	SIZE	INCHES	10	12	14
		MM	250	300	350
	W	MM	25	29.8	35.5
	T	MM	5.8	6.1	7.1

Highlights: These files have long angle cuts. The uncut edges permit filing closer to shoulder without damage. Single Cut.

Application: Long angle lathe files are used for obtaining smoother finishes combined with fast stock removal on lathe work.

PILLAR REGULAR - Pilier regulier
- Pilares regular

ALUMINIUM FLAT - Plate pointue
pour aluminium - Plana aluminio

ALUMINIUM HALF ROUND
- Mironde pour aluminium
- Mediacana aluminio

LONG ANGLE LATHE FILE
- Plate pour tour - Lima De
angulo largo para torno

DOUBLE EDGE SAW - Pignon Serrucho de canto doble

	SIZE	INCHES	5	6
		MM	125	150
	W	MM	18	18
	T	MM	6	6

Highlights: Single Cut.

Application: These files are used for sharpening saws with less than 60° angle.

FARMERS OWN - Plate fermiere Plana con cabo

	SIZE	INCHES	6	8	10	12
		MM	150	200	250	300
	W	MM	20.4	25.1	30.3	30.6
	T	MM	3.5	4.8	5.6	5.6

Highlights: These files have pouldle handle and uncut Cut.

Application: Used for sharpnending agricutura; toolsand knoves of reaping and mowing macjammost.

CROSS CUT - Couteau americain Lima de doble talla

	SIZE	INCHES	6	8	10
		MM	150	200	250
	W	MM	14.3	18.1	21.8
	T	MM	6.6	8.2	10.1

Highlights: The rounded back of Cross cut file is used for deepening rounded gullets of "Great American" style saw. Single Cut.

Application: Cross Cut Saw files are for sharpening cross-cut saws of the "Great American" style.

CONTACT FILE "A" - Lime pour contact "A" - Lima para contactos "A"

	SIZE	INCHES	3	3.5
		MM	75	90.5
	W	MM	8.5	8.5
	T	MM	1	1

Highlights: Thin rectangular shape with paddle handle. Double Cut.

Application: Designed for dressing of distributor points of spark plugs.

**DOUBLE EDGE SAW
- Pignon Serrucho de canto doble****CROSS CUT
- Couteau americain
Lima de doble talla****FARMERS OWN
- Plate fermiere Plana con cabo****CONTACT FILE "A" - Lime pour
contact "A" - Lima para contactos "A"**

MILLED STRAIGHT TOOTH FILE



	SIZE	INCHES	8	10	12	14
		MM	200	250	300	350
	W	MM	20.5	25.4	30.6	35.5
	T	MM	4.75	6	6.6	7.1

Highlights: These files are milled cut and have straight tooth.

Application: These files are mainly used on soft material and carbon steel.

MILLED CUT RIGID TYPE FILE - Type rigide - Tipo rigido



	SIZE	INCHES	8	10	12	14
		MM	200	250	300	350
	W	MM	20.6	25.4	30.6	33.5
	T	MM	5	6	6.6	7.1

Highlights: These files are milled cut and are with tang. Specially designed curved tooth gives a free clearance for the chips.

Application: These files are mainly used on soft material and carbon steel.

CAR BODY FILE - Pour carrossier - Limas carrozero



	SIZE	INCHES	8	10	12	14
		MM	200	250	300	350
	W	MM	20.6	25.4	30.6	34
	T	MM	3.7	4.8	5.5	4.8

Highlights: These files are milled cut and because of their curved tooth, have easy clearance for chips. Fixed on J K Holder, they can be flexed to required curvature.

Application: They are very suitable for filing large surfaces where other files cannot be used. These files are mainly for filing automobile / car body.

CONTACT FILE "B" - Lime pour contact "B" - Lima para contactos "B"



	SIZE	INCHES	3
		MM	75
	W	MM	11
	T	MM	1

Highlights: Thin rectangular shape without tang. Double cut.

Application: Designed for dressing of distributor points of spark plugs.

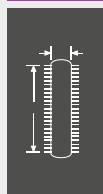
MILLED STRAIGHT TOOTH FILE

CAR BODY FILE - Pour carrossier
Limas carrozero

MILLED CUT RIGID TYPE FILE
Type rigide - Tipo rigido

CONTACT FILE "B" - Lime pour
contact "B" - Lima para contactos "B"

FLAT CHAIN SAW - Plate a Chaine - Sierra de cadena

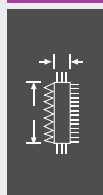


SIZE	INCHES	6
	MM	150
W	MM	16
T	MM	4

Highlights: These are single cut, mill blunt files with two uncut round edges.

Application: Chain Saw files are for sharpening flat portion of Chain Saws.

FARRIER RASP FILE - Lime Rape marechaux - Herrero Escofina Lima

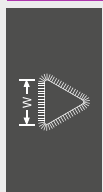


SIZE	INCHES	14
	MM	350
W	MM	45.5
T	MM	5.2

Highlights: They have rasp cut on one side and file cut on the other side. Double Cut.

Application: These are used in shoeing horses. The rasp teeth on one side are for shaping the hoof; the file teeth on the opposite side are for filing the nails, shoes and general finishing.

BAND SAW BLUNT - Triangulaire pour parallele - Sierra de cinta paralela

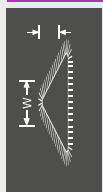


SIZE	INCHES	4.5	5	6	7	8
	MM	110	125	150	175	200
W	MM	10	10.5	12	13.5	15

Highlights: These files are parallel towards the point unlike other saw files. Their edges are rounded and cut. Uncut edges are also available on request. Single Cut.

Application: Bandsaw blunt are for sharpening bandsaw blades having well rounded gullets.

CANT SAW - Plate a chaine - Sierra barretas



SIZE	INCHES	4	6	8	10
	MM	100	150	200	250
W	MM	10.8	14	18.5	22
		4.4	5.9	7.7	9.2

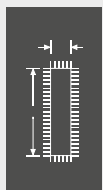
CANT SAW -
Plate a chaine - Sierra barretas

FLAT CHAIN SAW -
Plate a chaine - Sierra de cadena

BAND SAW BLUNT - Triangulaire
pour parallele - Sierra de cinta paralela

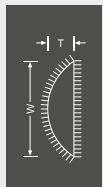
FARRIER RASP FILE - Lime Rape
marechaux - Herrero Escofina Lima

FLAT BUMPER WITH SLEEVE-14"



Length (mm)	350
Width (mm)	35.5
Thickness (mm)	7.1

HALF ROUND Bumper with Sleeve-14"



Length (mm)	350
Width (mm)	34.5
Thickness (mm)	10.0



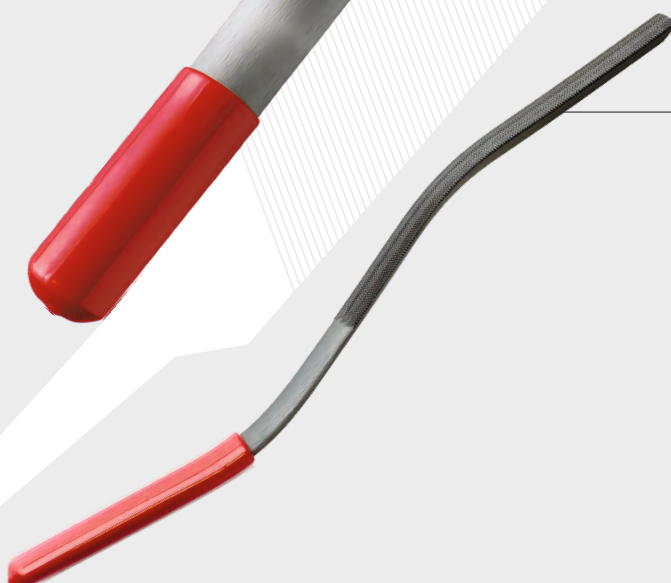
FLAT BUMPER WITH SLEEVE



FLAT BUMPER WITH SLEEVE (Side)



HALF ROUND BUMPER
WITH SLEEVE



HALF ROUND BUMPER
WITH SLEEVE (Side)

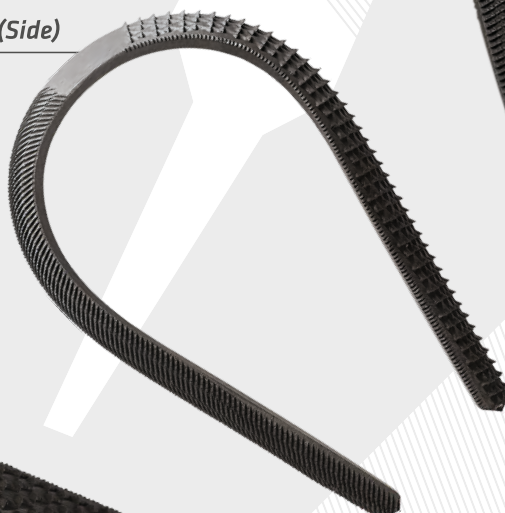
STAIR CASE MAKER RASP "U" TYPE-10"

Length (mm)	250
Width (mm)	24.6
Thickness (mm)	7.3

STAIR CASE MAKER RASP "U" TYPE (Front)



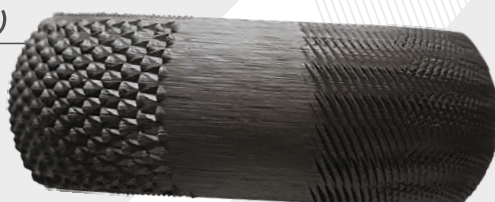
STAIR CASE MAKER RASP "U" TYPE (Side)



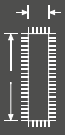
STAIR CASE MAKER
RASP "U" TYPE (Side)



STAIR CASE MAKER
RASP "U" TYPE (Top)



GALVANIZING FILE-8"

	Length (mm)	200
	Width (mm)	25
	Thickness (mm)	5.8

STAIR CASE MAKER RASP "OVAL TYPE"-10"

	Length (mm)	250
	Width (mm)	24.6
	Thickness (mm)	7.3



GALVANIZING FILE (Front)



GALVANIZING FILE (Side)



**STAIR CASE MAKER RASP
"OVAL TYPE" (Top)**



**STAIR CASE MAKER RASP
"OVAL TYPE" (Side)**

RAPID CROSS CUT FILE-10"



Length (mm)	250
-------------	-----

Width (mm)	25.1
------------	------

Thickness (mm)	4.8
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FLAT CHIP BRAKING FILE-10"

Length (mm)	250
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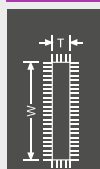
Width (mm)	25
------------	----

Thickness (mm)	5.8
----------------	-----

RAPID CROSS CUT FILE

FLAT CHIP BRAKING FILE

ROTARY MOWER FILE



SIZE	INCHES	8
	MM	200
W	MM	18
T	MM	3.5

HOE FILE



SIZE	INCHES	8
	MM	200
W	MM	17.5
T	MM	3

Rotary mower file

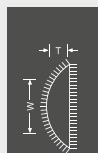
Hoe file

AXE FILE



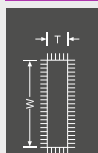
SIZE	INCHES	10
	MM	250
W	MM	25.1
T	MM	4.8

HALF ROUND WOD FILE



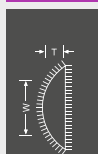
SIZE	INCHES	10
	MM	250
W	MM	24.6
T	MM	7.3

WOOD CRAFT RASP



SIZE	INCHES	8
	MM	200
W	MM	24.8
T	MM	6

CABINET FILE



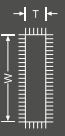
SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
W	MM	19.5	23.5	29	34.5	39
T	MM	3.5	4.5	6	6.5	8.5

Wood craft rasp

Half round wod file

Cabinet file

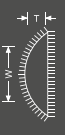
HAND BRASS FILE

	SIZE	INCHES	10
		MM	250
	W	MM	25
	T	MM	5.8

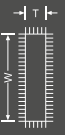
BEARING SCRAPER POLISH

	SIZE	INCHES	3
		MM	
	W	MM	83
	T	MM	9.8

HALF ROUND BRASS FILE

	SIZE	INCHES	10	12
		MM	250	300
	W	MM	24.6	29.55
	T	MM	7.3	8.6

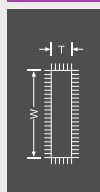
DEBURRING FILE

	SIZE	INCHES	6	8
		MM	150	200
	W	MM	16	20.6
	T	MM	3	3.5

Deburring file

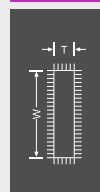


HAND LATHE



SIZE	INCHES	10	12
	MM	250	300
W	MM	25	29.8
T	MM	5.8	6.1

FLAT LATHE



SIZE	INCHES	10	12
	MM	250	300
W	MM	125	29.8
T	MM	5.8	6.1

HALF ROUND PIPELINER FILE



SIZE	INCHES	14
	MM	350
W	MM	34.5
T	MM	10

Flat lathe

Half round pipeliner file

Hand lathe

CALIPER FILE



	SIZE	INCHES	6
		MM	150
	W	MM	12
	T	MM	5

BENT BODY

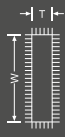


	SIZE	INCHES	14
		MM	350
	W	MM	36
	T	MM	6.5

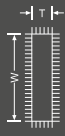
Caliper file

Bent body

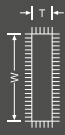
DUAL FILE

	SIZE	INCHES	8	10	12
		MM	200	250	300
	W	MM	20.4	25.1	30.3
	T	MM	3.5	4.8	5.3

FAST MILL FILE

	SIZE	INCHES	8	10	12
		MM	200	250	300
	W	MM	20.4	25.1	30.3
	T	MM	3.5	4.8	5.3

MZ FILE

	SIZE	INCHES	4	8	10
		MM	100	200	250
	W	MM	11.2	20.5	25
	T	MM	3.5	4.45	5.8

RP TOP

	SIZE	INCHES	8	10
		MM	200	250
	W	MM	20.5	25
	T	MM	4.45	5.8



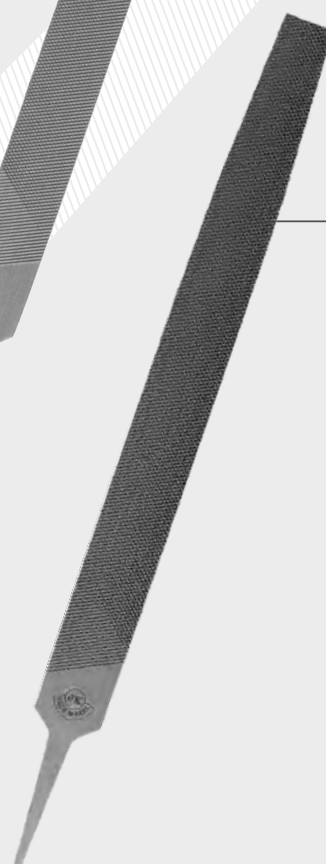
Dual file



Fast mill file

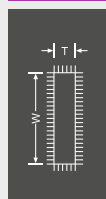


MZ file



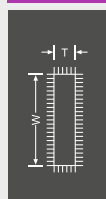
RP top

HAND MAGGI CUT



SIZE	INCHES	8	10
	MM	200	250
W	MM	20.5	25
T	MM	4.45	5.8

FLAT MACRO CUT



SIZE	INCHES	8	10	12
	MM	200	250	300
W	MM	20.5	25	29.8
T	MM	4.45	5.8	6.1

Hand maggi cut

Flat macro cut

BUTCHER KNIFE SHARPNER ■ ■ ■

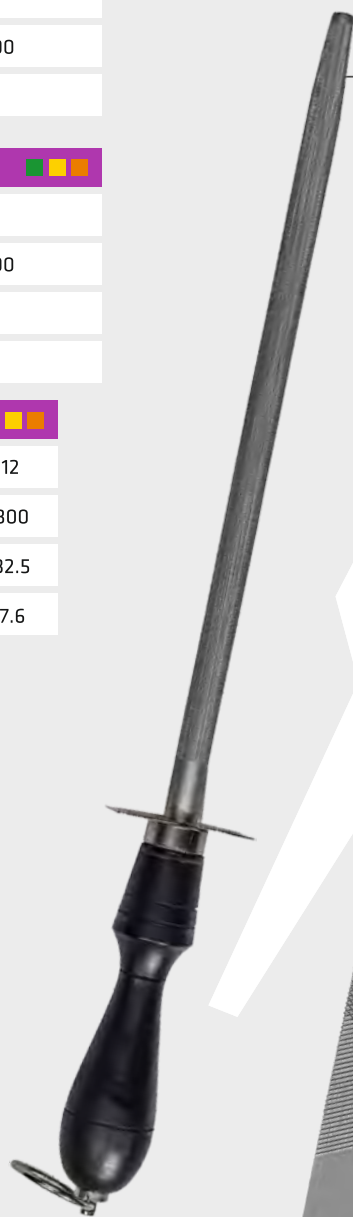
	SIZE	INCHES	12
		MM	300
	DIAMETER	MM	12

PARALLEL MC KNIFE ■ ■ ■

	SIZE	INCHES	8
		MM	200
	W	MM	12.9
	T	MM	3.3

KNIFE FILE WITH ONLY EDGE CUT ■ ■ ■

	SIZE	INCHES	8	10	12
		MM	200	250	300
	W	MM	22.3	27.4	32.5
	T	MM	5.4	6.6	7.6



Butcher knife sharpner

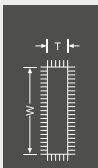


Parallel mc knife



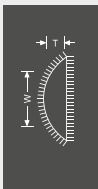
*Knife file
with only edge cut*

RICE FILE



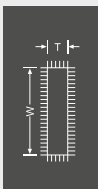
SIZE	INCHES	14
	MM	350
W	MM	35
T	MM	8.1

SHOE MAKER RASP



SIZE	INCHES	9
	MM	225
W	MM	24.8
T	MM	6

AUGER BIT FILE



SIZE	INCHES	8
	MM	200
W	MM	12
T	MM	2.4

Rice file

Shoe maker rasp

Auger bit file

ENGINEERS FILE SET

Jeux de limes de mecanique Juego de limas para ingenieros

ENGINEERS FILE SET - Jeux de limes de mecanique Juego de limas para ingenieros

		SIZE	INCHES	6	8
			MM	150	200
ROUND		W	MM	6.3	7.15
HAND		W	MM	16 X 4	20.5 X 4.45
HALF ROUND		W	MM	16.1 X 4.7	19.8 X 5.9
FLAT		W	MM	16 X 4	20.5 X 4.45
THREE SQUARE		W	MM	12	15
SQUARE		W	MM	6	7.7

Highlights: Assortment of different files of different cross section. Also available in 5 pieces.

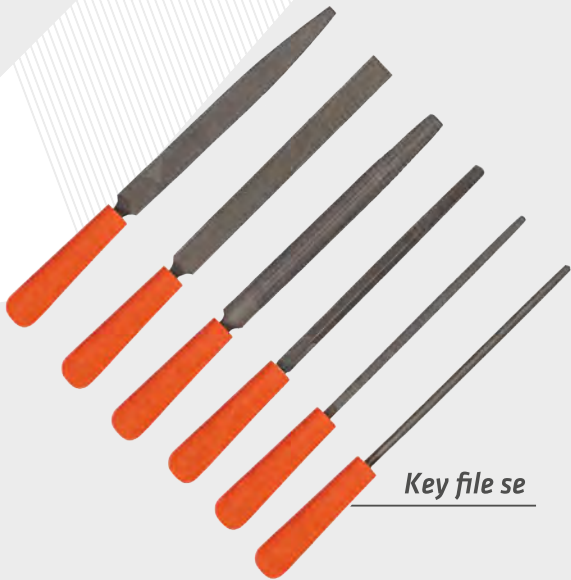
Application: General Applications.



*ENGINEERS FILE SET - Jeux de limes de mecanique
Juego de limas para ingenieros*

KEY FILES SET

KEY FILES SET				
		SIZE	INCHES	4
HAND		W	MM	10 x 1.5
FLAT		W	MM	10 x 1.5
ROUND		W	MM	3.8
HALF ROUND		W	MM	9.6 x 3.6
SQUARE		W	MM	3.6
THREE SQUARE		W	MM	6.1



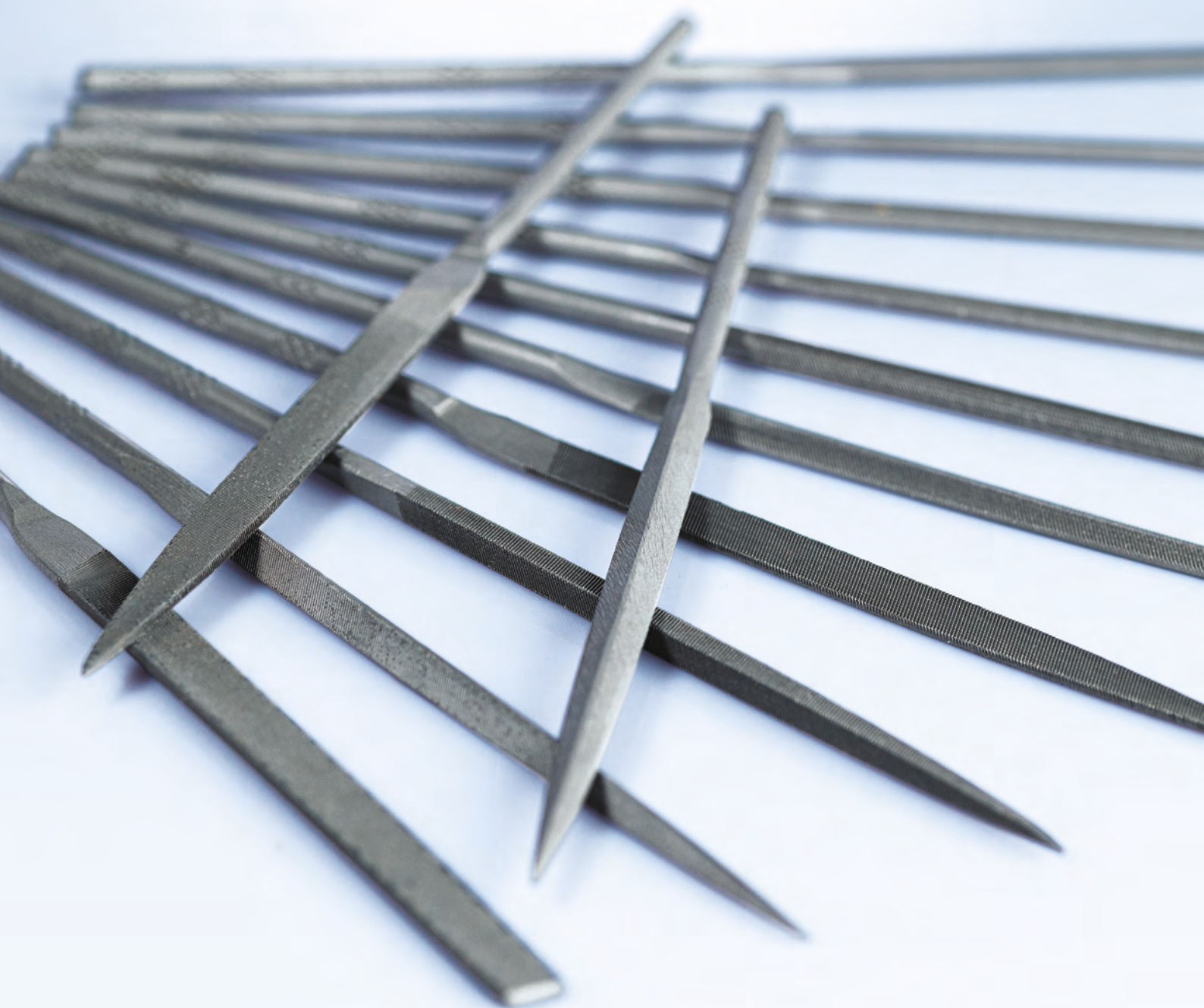
Key file se



Needle Files

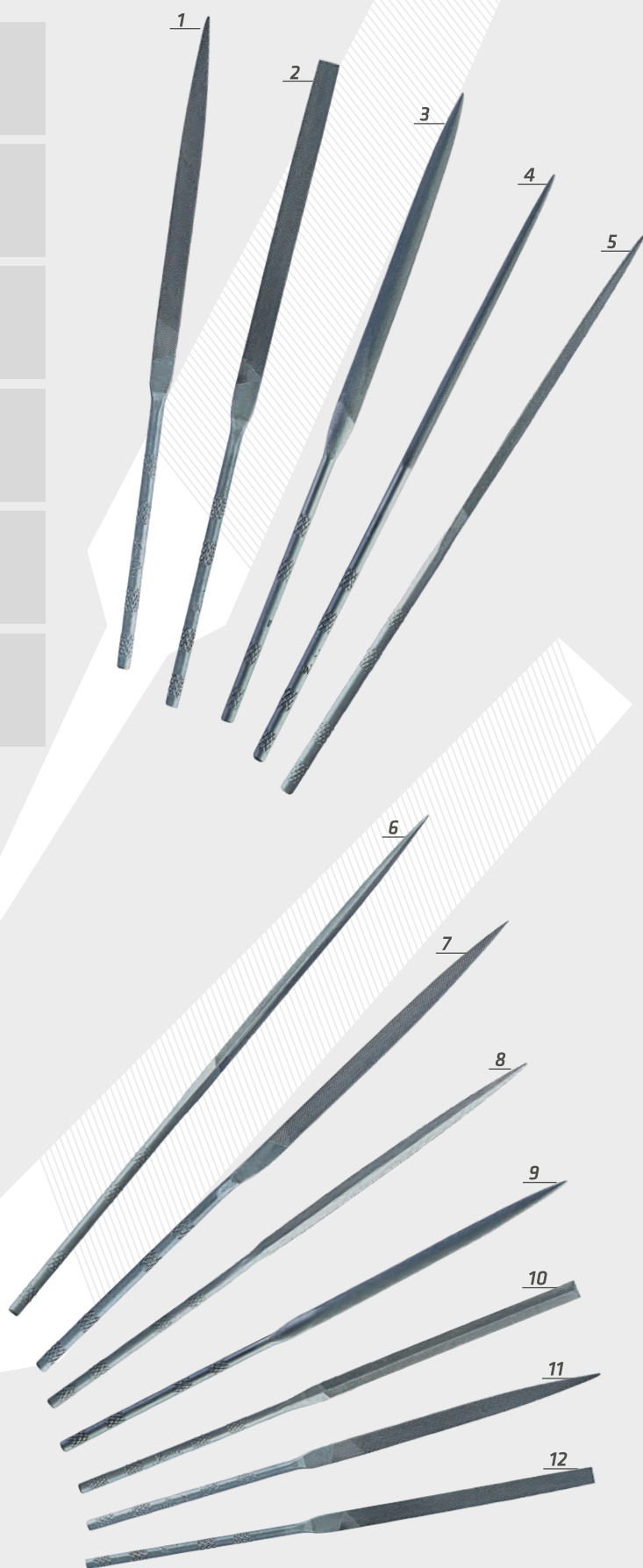
Limes aiguilles

Limas aguja



1 FLAT <i>Plate pointue</i> <i>Plana punta</i>		2 HAND <i>Plate á main</i> <i>Plana paralela</i>	
3 HALF ROUND <i>Mironde</i> <i>Mediacana</i>		4 ROUND <i>Ronde</i> <i>Redonda</i>	
5 SQUARE <i>Carrée</i> <i>Cuadrada</i>		6 THREE SQUARE (TRIANGULAR) <i>Triangulaire</i> <i>Triangular</i>	
7 KNIFE <i>Couteau</i> <i>Cuchillo</i>		8 BARRETTE <i>Barette</i> <i>Barreta</i>	
9 CROSSING <i>Feuille de sauge</i> <i>Almendra</i>		10 SLITTING <i>Lime á Fendre</i> <i>Para ranurar</i>	
11 CROCHET <i>Crochet</i> <i>Crochet</i>		12 HAND WITH ROUND EDGE <i>Pilier á borda ronds</i> <i>Plana paralela con canto redondo</i>	

SIZE	140/160 MM		
CUT	0	1	2
NUMBER OF CUST OER CM.	20	25	31

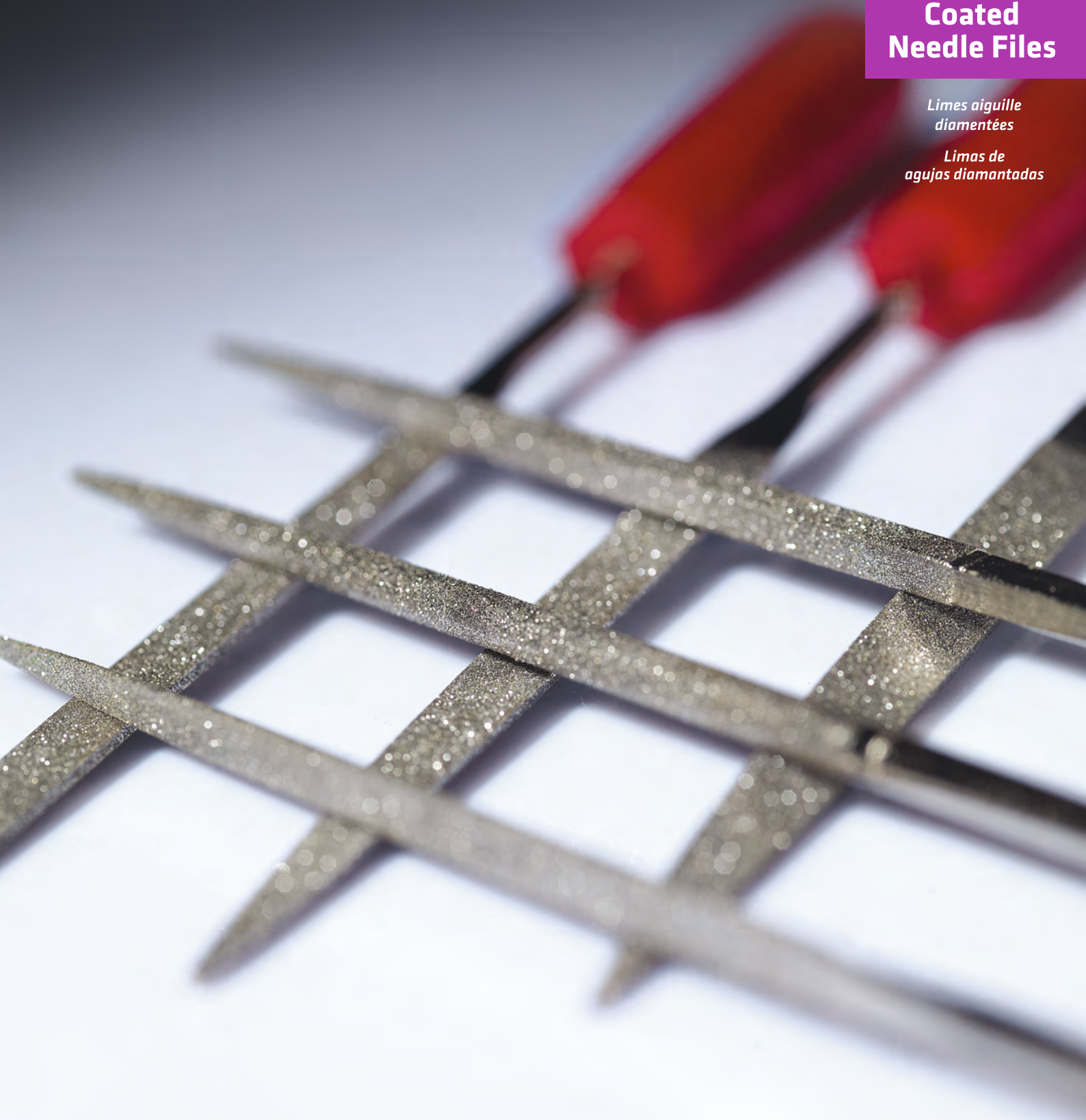


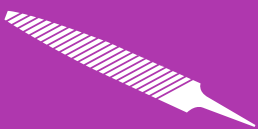


Diamond Coated Needle Files

*Limes aiguille
diamantées*

*Limas de
agujas diamantadas*

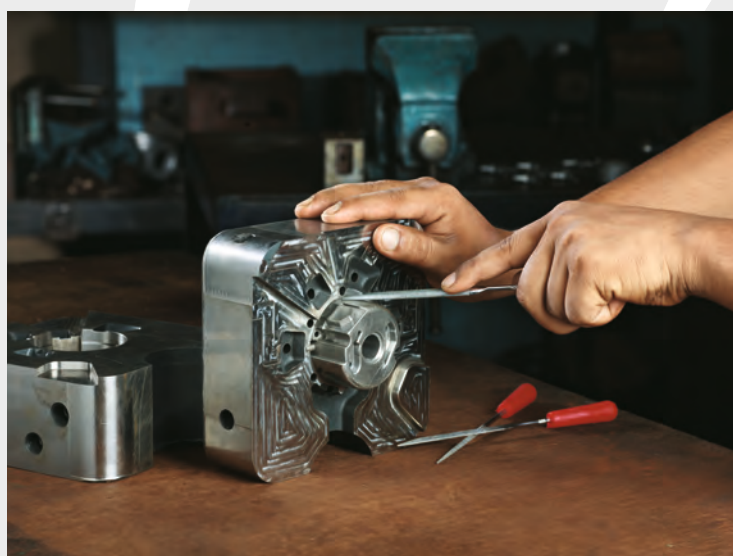




Diamond Coated Needle Files

*Limes aiguille
diamantées*

*Limas de
agujas diamantadas*



1	FLAT <i>Plate pointue Plana punta</i>		2	HAND <i>Plate á main Plana paralela</i>		3	HALF ROUND <i>Mironde Mediacana</i>		4	ROUND <i>Ronde Redonda</i>	
5	SQUARE <i>Carrée Cuadrada</i>		6	THREE SQUARE (TRIANGULAR) <i>Triangulaire Triangular</i>		7	KNIFE <i>Couteau Cuchillo</i>				

SIZE	140/160 MM	
CUT	0	2

Handle

DUAL COMPONENT HANDLE

PLASTIC HANDLE

WOODEN HANDLE

ECONOMY HANDLE



Standard weight per dozen in kgs.

Packing per case in dozens.

MM Inch	100 4" kg	Dozen	125 5" kg	Dozen	150 6" kg	Dozen	200 8" kg	Dozen	250 10" kg	Dozen	300 12" kg	Dozen	350 14" kg	Dozen	400 16" kg	Dozen
Flat	0.33	100	0.41	75	0.81	50	1.60	30	2.98	20	4.62	12½	7.48	6	11.52	6
Hand	0.33	100	0.41	75	0.81	50	1.68	30	3.18	20	4.70	12½	7.74	6	11.52	6
Half Round	0.33	100	0.41	75	0.73	50	1.56	30	2.76	20	4.86	12	8.16	6	11.52	6
Square	0.19	100	0.24	80	0.40	75	0.90	50	1.85	35	3.72	12½	7.18	8	11.37	6
Round	0.16	100	0.20	80	0.32	75	0.79	50	1.36	35	2.68	15	5.92	8	9.52	6
Three Square (Triangular)	0.33	100	0.54	70	0.96	50	1.68	30	3.32	20	5.06	12	8.88	7	12.15	6
Warding	0.15	100	0.30	80	0.43	75	0.82	50	1.77	35	-	-	-	-	-	-
Knife	0.26	100	-	-	0.60	50	1.32	30	2.60	20	4.40	12	-	-	-	-
Mill Regular	0.28	100	-	-	0.55	50	1.17	35	2.34	20	3.76	12	6.74	8	-	-
Mill Blunt	-	-	-	-	0.78	50	1.22	35	2.58	20	4.36	12	6.90	8	-	-
Farmers Own	-	-	-	-	1.26	45	2.82	24	4.56	15	-	-	-	-	-	-
Heavy Taper	0.42	100	0.80	60	1.03	50	2.04	25	4.36	15	-	-	-	-	-	-

■ Standard weight per dozen in kgs.

■ Packing per case in dozens.

MM Inch	100 4" kg	Dozen	125 5" kg	Dozen	150 6" kg	Dozen	200 8" kg	Dozen	250 10" kg	Dozen	300 12" kg	Dozen	350 14" kg	Dozen	400 16" kg	Dozen
Regular Taper	0.33	100	0.53	60	0.90	40	1.76	30	3.36	20	-	-	-	-	-	-
Slim Taper	0.17	100	0.26	100	0.50	75	1.32	35	2.36	20	-	-	-	-	-	-
Extra Slim Taper	0.12	100	0.20	100	0.30	75	0.77	50	-	-	-	-	-	-	-	-
Band Saw	-	-	0.49	60	1.12	50	1.96	30	-	-	-	-	-	-	-	-
Double - Ender	-	-	-	-	0.18	50	0.36	50	0.85	50	-	-	-	-	-	-
Pit Saw	0.23	100	0.48	75	0.72	50	-	-	-	-	-	-	-	-	-	-
Feather Edge Saw	-	-	1.18	20	2.54	20	-	-	-	-	-	-	-	-	-	-
Flat Rasp	-	-	-	-	1.00	40	1.72	25	3.14	20	5.12	10	8.12	6	-	-
Half Round Rasp	-	-	-	-	0.86	40	1.68	25	2.94	20	5.24	10	8.36	6	-	-
Round rasp	-	-	-	-	0.46	75	0.84	50	1.62	30	2.90	15	5.78	8	-	-
Cabinet Rasp	-	-	-	-	0.70	40	1.44	25	2.90	20	4.29	10	7.15	6	-	-

Choosing the Right File

The shape and size of the work piece, the material it is made of and the desired degree of finish will have to be considered when selecting the right file :

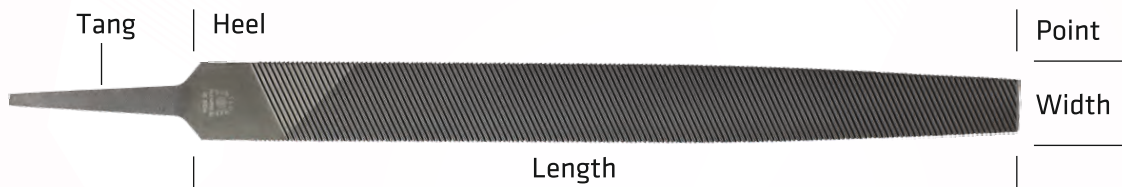
File Type

According to the filing application, Files are classified into the following categories :

- Machinist Files - for stock removal and surface finish requirements on machined components.
- Saw Files - for sharpening wood working saws and similar thin edges such as chaff cutter blade, matchets.
- Special Purpose Files - designed and used for specific applications/materials.
- Milled Tooth Files - for rapid stock removal from automobile body or any large surface and soft metals.
- Diamond Needle & Needle Files - for precision filing applications in die making and jewelry.
- Rasps - used on wood by pattern/cabinet makers, leather and similar soft materials for rapid stock removal.

Length

Desired stroke length will determine the length of the file. This is measured exclusive of the tang, from point to heel.



File Shape

The shape of the material to be filed will determine the shape of the Files. e.g. Flat files for flat and concave surface, Round files for enlarging holes, Triangular files for filing corners and angles, etc.

File Cut

- Single Cut - Single Cut files (mostly all Saw Files are Single Cut) are used for sharpening and edging applications e.g. Sharpening of saws where the piece is hard, point of contact is less and finish is required.
- Double Cut - Double Cut files need less effort for filing and also give good surface finish.
- Bastard Cut - for stock removal and coarse finish.
- Second Cut - for moderate stock removal and medium to coarse finish.
- Smooth Cut - for smooth surface finish.
- Rasp Cut - Special cut formation for rapid stock removal from surface or softer materials like wood or leather.

Tips:

- A new file should be used with light pressure in the beginning, preferably on a surface which has been filed earlier.
- In case of clogging of file teeth, clean the teeth with a soft wire brush.
- Use the files for cutting in the forward stroke only.
- Filing jobs should be held rigidly.

Delivery Period

Standard Files : In standard cases 8-10 weeks

Special Files : Against specific enquiries the delivery period & MOQ will be quoted on a case to case basis

Other Range



Hand Tools



Power Tool Accessories



HSS Drills



Power Tools



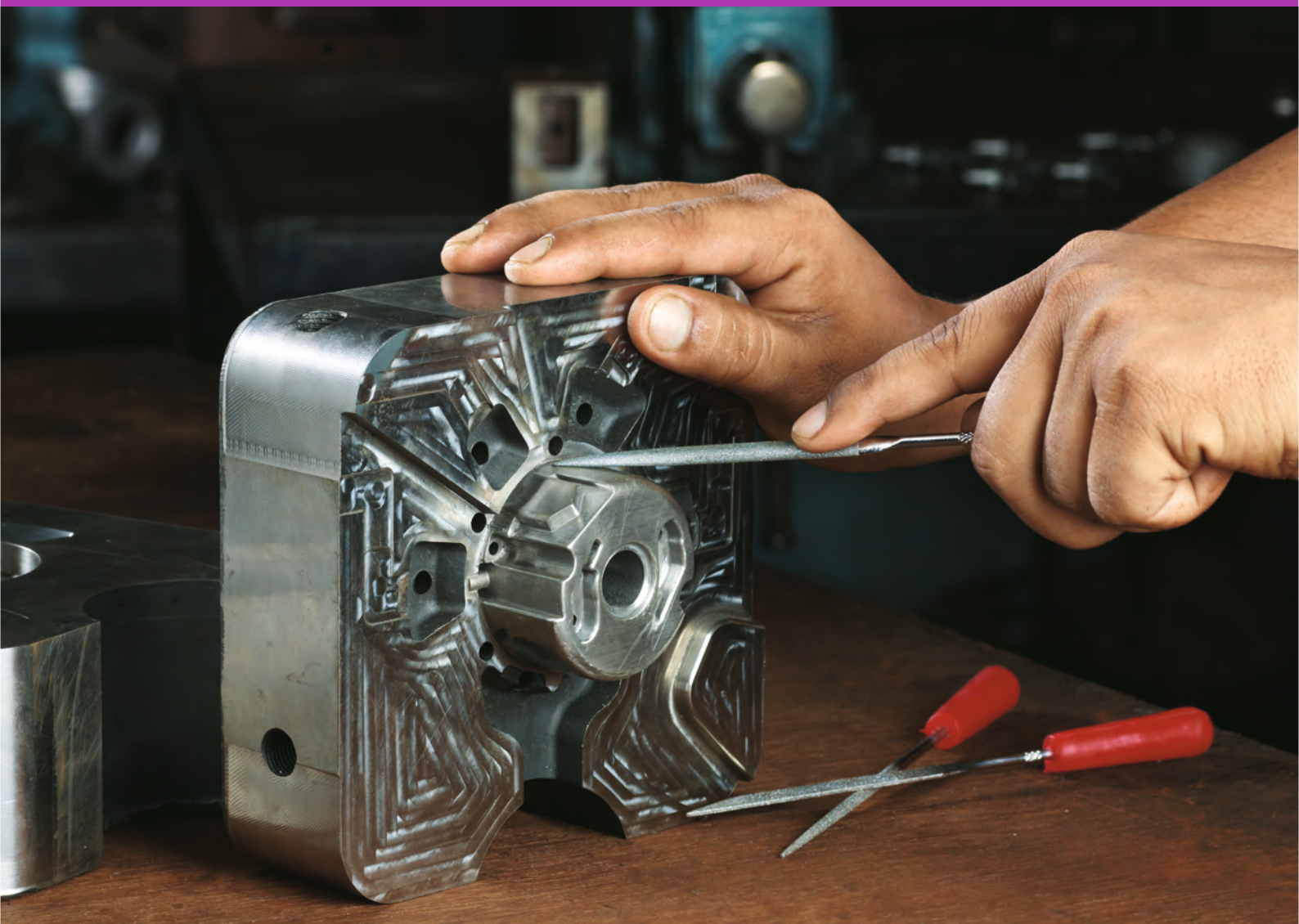
Solid Carbide Drills



HSS Taps

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