



# ***HAND TOOLS-STEEL FILES***

*Your speedy effortless tool* ▶▶▶





**JK Files & Engineering Limited**

A subsidiary of **raymond** Limited

# 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 repute 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



**JK Files & Engineering Limited**

(Formerly known as JK Files (India) Limited)

A subsidiary of **raymond** Limited

*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.*

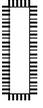
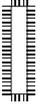
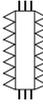
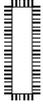
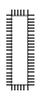
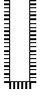
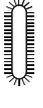
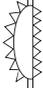
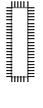
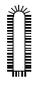
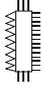
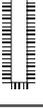
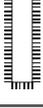
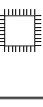
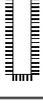
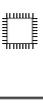
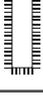
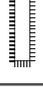
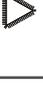
*We are committed to ensure safety of all our facilities.*



**Parag Khare**

Chief Business Officer  
T&H Business

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										CROCHET			
										HAND WITH ROUND EDGE			

Available Cuts: ■ Bastard ■ Second Cut ■ Smooth

 File Cut  Safe Edge  Rasp Cut

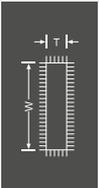


# Machinist Files

*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

**FLAT - Plate pointue - Plana punta**

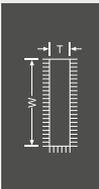
**HALF ROUND - Mironde - Mediacaña**



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**

**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

**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

**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**



	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

**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

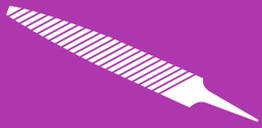
**SQUARE - Carrée - Cuadrada**

**THREE SQUARE (TRIANGULAR) - Triangulaire - Triangular**

**WARDING - Entrée - Delgada**

**KNIFE - Couteau - Cuchillo**



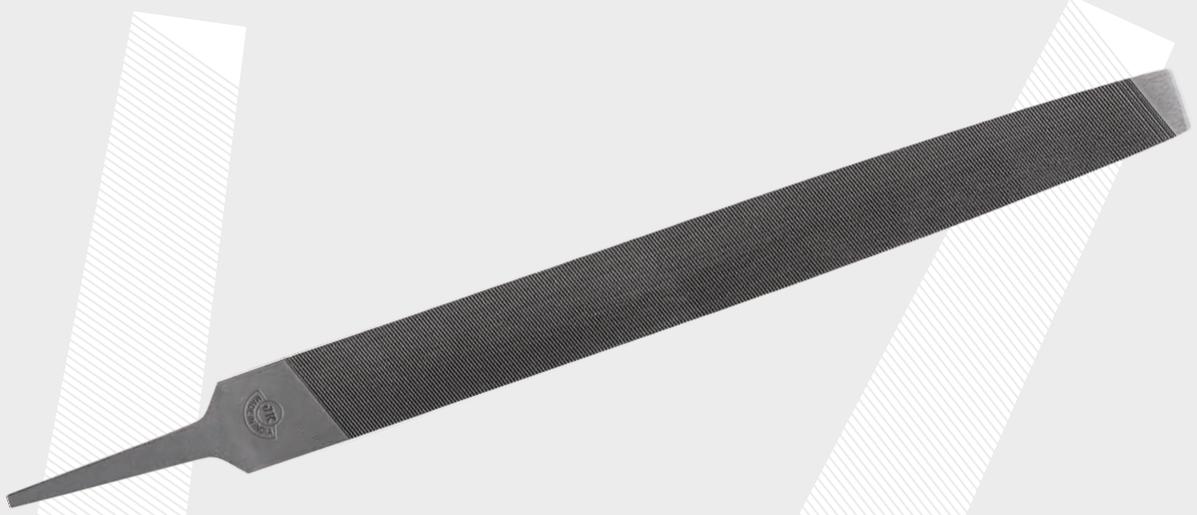


## Saw Files

*Limes pour scies*

*Limas para sierra*

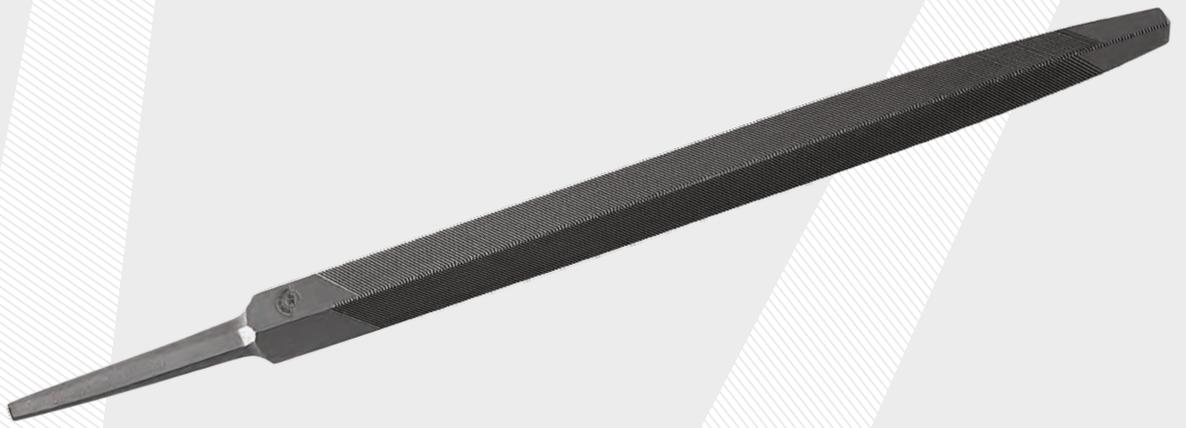




MILL REGULAR TSE	MILL BLUNT TRE	MILL BLUNT ORE	MILL BLUNT TSE
<p>Plate pour scies regulier - 2 bords plats</p> <p>Plana regular - Dos cantos planos</p>	<p>Plate pour scies - 2 bords ronds</p> <p>Plana paralela sierra - Dos cantos redondos</p>	<p>Plate pour scies - 1 bords rond</p> <p>Plana paralela sierra - Un cantos redondos</p>	<p>Plate pour scies - 2 bords plats</p> <p>Plana paralela sierra - Dos cantos planos</p>



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



<b>HEAVY TAPER</b>	<b>REGULAR TAPER</b>	<b>SLIM TAPER</b>	<b>EXTRA SLIM TAPER</b>	<b>DOUBLE EXTRA SLIM</b>	<b>BAND SAW</b>
<i>Triangulaire pour scies lourde (Tiers-point)</i>	<i>Triangulaire pour scies régular</i>	<i>Triangulaire pour scies effilée</i>	<i>Triangulaire pour scies très effilée</i>	<i>Triangulaire pour scies double extre effilée</i>	<i>Triangulaire pour machine à ruban bords ronds</i>
<i>Triangular pesada</i>	<i>Triangular normal</i>	<i>Triangular delgada</i>	<i>Triangular extra delgada</i>	<i>Triangular delgadísima</i>	<i>Sierra de cinta</i>



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 à languette - Serrucho de canto de lengüeta**

	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 à 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 à languette - Serrucho de canto de lengüeta**

**ROUND CHAIN SAW - Onde pour scier à chaîne - Redonda para cadenas**





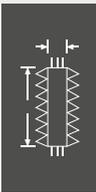
## Rasp Files

*Lime Râpes á bois*

*Lima de Escofinas*

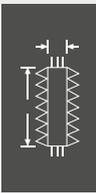


**HAND - Plate a main - Plana paralela**



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**



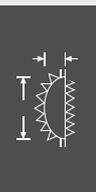
SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
W	MM	16.0	20.5	25.0	29.8	35.5
T	MM	4.0	4.45	5.8	6.1	7.1

**ROUND - Ronde - Redonda**



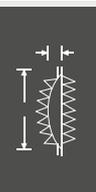
SIZE	INCHES	6	8	10	12	14
	MM	150	200	250	300	350
T	MM	6.3	8	10	12	16

**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**

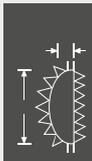
**HALF ROUND - Mironde  
- Mediacaña**

**ROUND - Ronde  
- Redonda**

**CABINET RASP  
- Râpe chaisière  
- Escofina de ebanista**

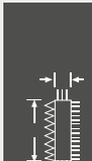


**SHOE RASP - Râpe bottier - Raspa de zapatero**



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

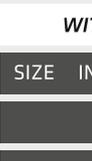
**HORSE RASP - Râpe maréchale - Raspa de herrador**



**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**



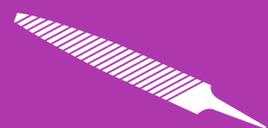
**WITHOUT TANG · Sans queue · Sin cola**

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 escofin á combinado**

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

**HOBBY RASP**

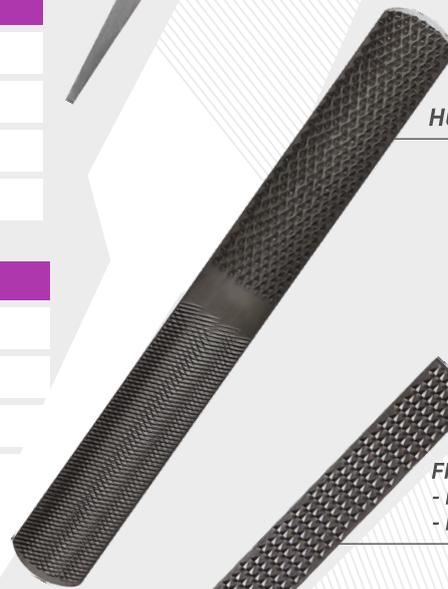
	SIZE	INCHES	8	10
		MM	200	250
	W	MM	24.8	24.8
	T	MM	6.0	6.0

**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*



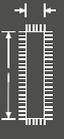
*FILE & RASP COMBINATION - Lime et râpe combinée - Lima y escofin á combinado*



*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.

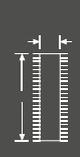
**DOUBLE EDGE SAW**  
- Pignon Serrucho de canto doble

**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

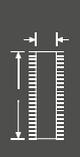


SIZE	INCHES	8	10	12	14
	MM	200	250	300	350
W	MM	20.5	25.4	30.6	35.5
T	MM	4.75	6	6.6	7.1

**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

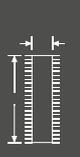


SIZE	INCHES	8	10	12	14
	MM	200	250	300	350
W	MM	20.6	25.4	30.6	33.5
T	MM	5	6	6.6	7.1

**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 carrocero

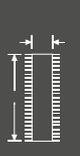


SIZE	INCHES	8	10	12	14
	MM	200	250	300	350
W	MM	20.6	25.4	30.6	34
T	MM	3.7	4.8	5.5	4.8

**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 carrocero

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 Chaîne - 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 chaîne - 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

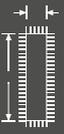
**CANT SAW - Plate a chaîne - Sierra barretas**

**FLAT CHAIN SAW - Plate a chaîne - 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



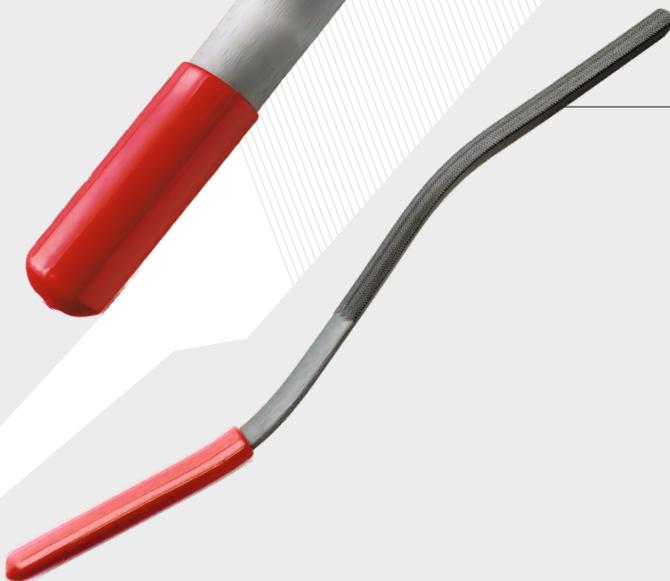
**FLAT BUMPER WITH SLEEVE**



**FLAT BUMPER WITH SLEEVE (Side)**



**HALF ROUND BUMPER WITH SLEEVE**



**HALF ROUND BUMPER WITH SLEEVE (Side)**

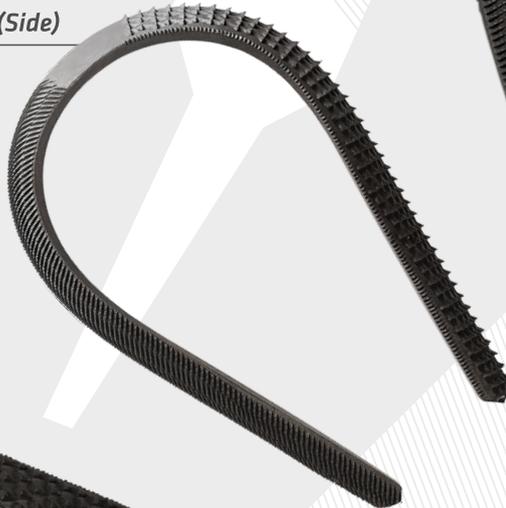
**STAIR CASE MAKER RASP "U" TYPE-10"**

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

STAIR CASE MAKER RASP "U" TYPE (Front)



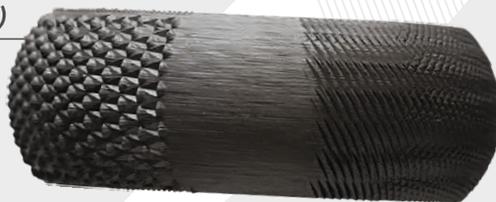
STAIR CASE MAKER RASP "U" TYPE (Side)



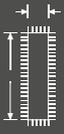
STAIR CASE MAKER RASP "U" TYPE (Side)



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

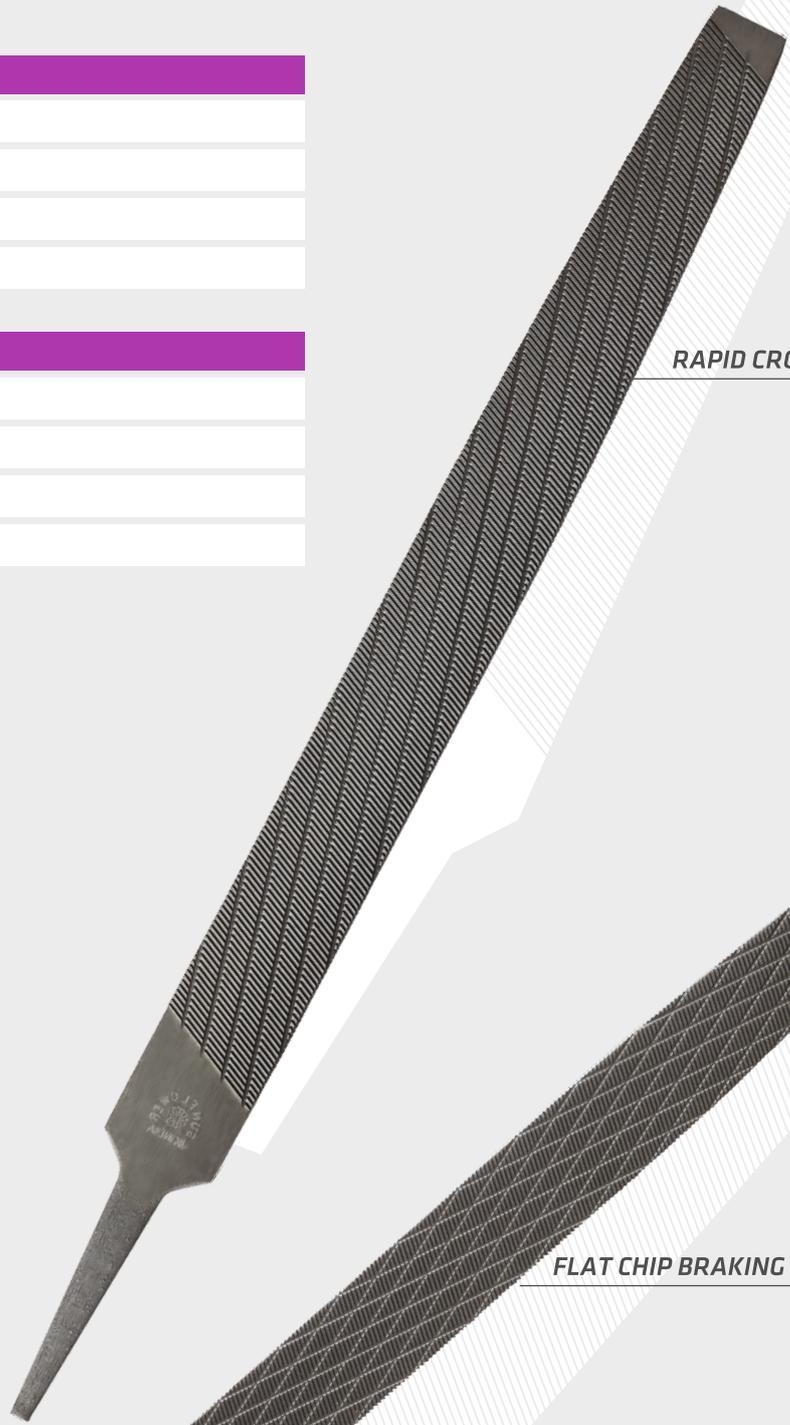
Thickness (mm) 4.8

### FLAT CHIP BRAKING FILE-10"

Length (mm) 250

Width (mm) 25

Thickness (mm) 5.8

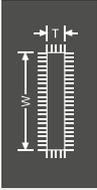


RAPID CROSS CUT FILE



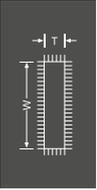
FLAT CHIP BRAKING FILE

### 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

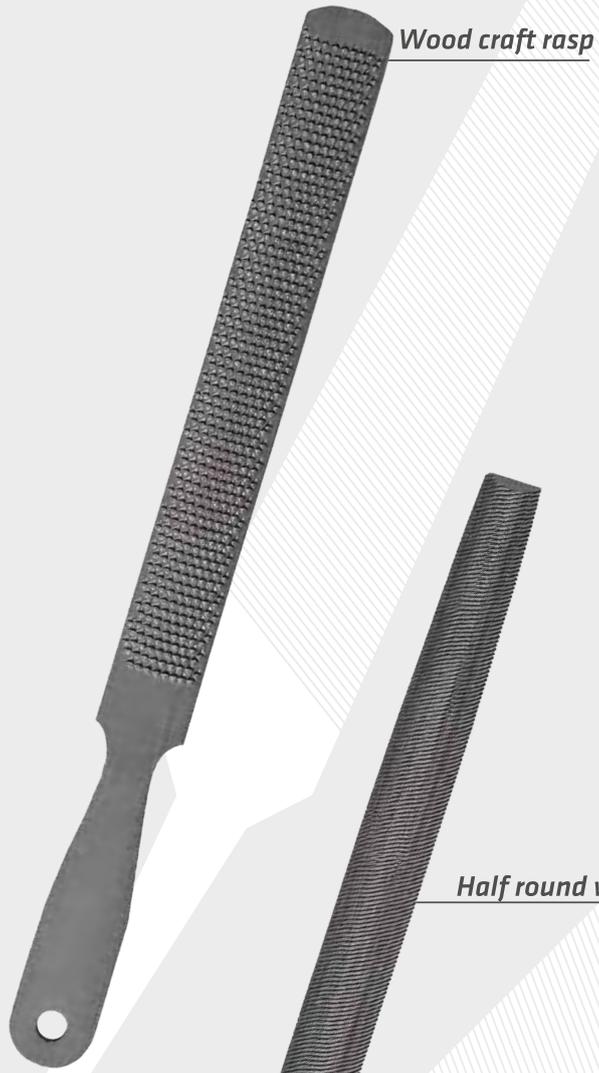


	SIZE	INCHES	8
		MM	200
	W	MM	24.8
	T	MM	6

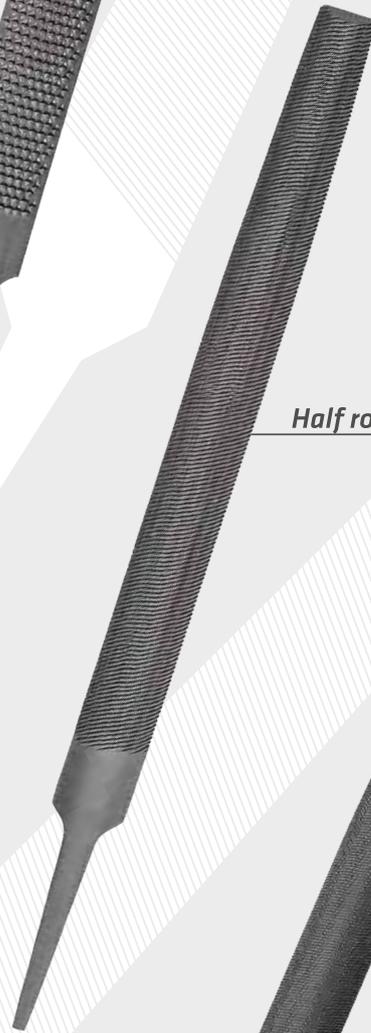
### CABINET FILE



	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*



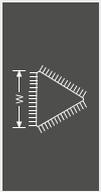
*Cabinet file*

### HAND BRASS FILE



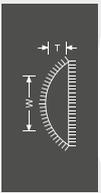
SIZE	INCHES	10
	MM	250
W	MM	25
T	MM	5.8

### BEARING SCRAPER POLISH



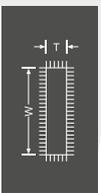
SIZE	INCHES	3
	MM	
W	MM	83
T	MM	9.8

### 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

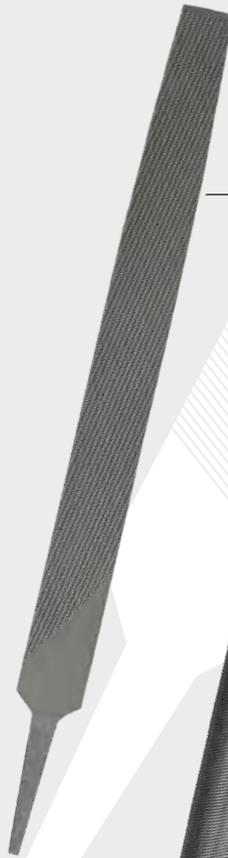


	SIZE	INCHES	10	12
		MM	250	300
	W	MM	125	29.8
	T	MM	5.8	6.1

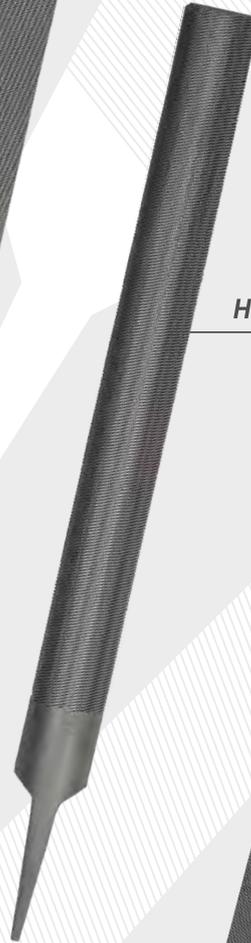
### HALF ROUND PIPELINER FILE



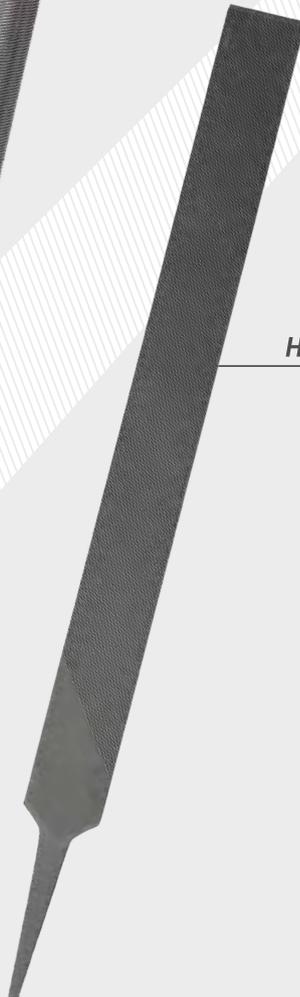
	SIZE	INCHES	14
		MM	350
	W	MM	34.5
	T	MM	10



*Flat lathe*



*Half round pipeliner file*



*Hand lathe*

### CALIPER FILE



	SIZE	INCHES	6
		MM	150
	W	MM	12
	T	MM	5

### BENT BODY

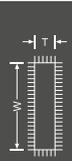


	SIZE	INCHES	14
		MM	350
	W	MM	36
	T	MM	6.5

*Caliper file*

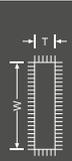
*Bent body*

### 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



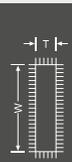
SIZE	INCHES	8	10	12
	MM	200	250	300
W	MM	20.4	25.1	30.3
T	MM	3.5	4.8	5.3

### MZ FILE

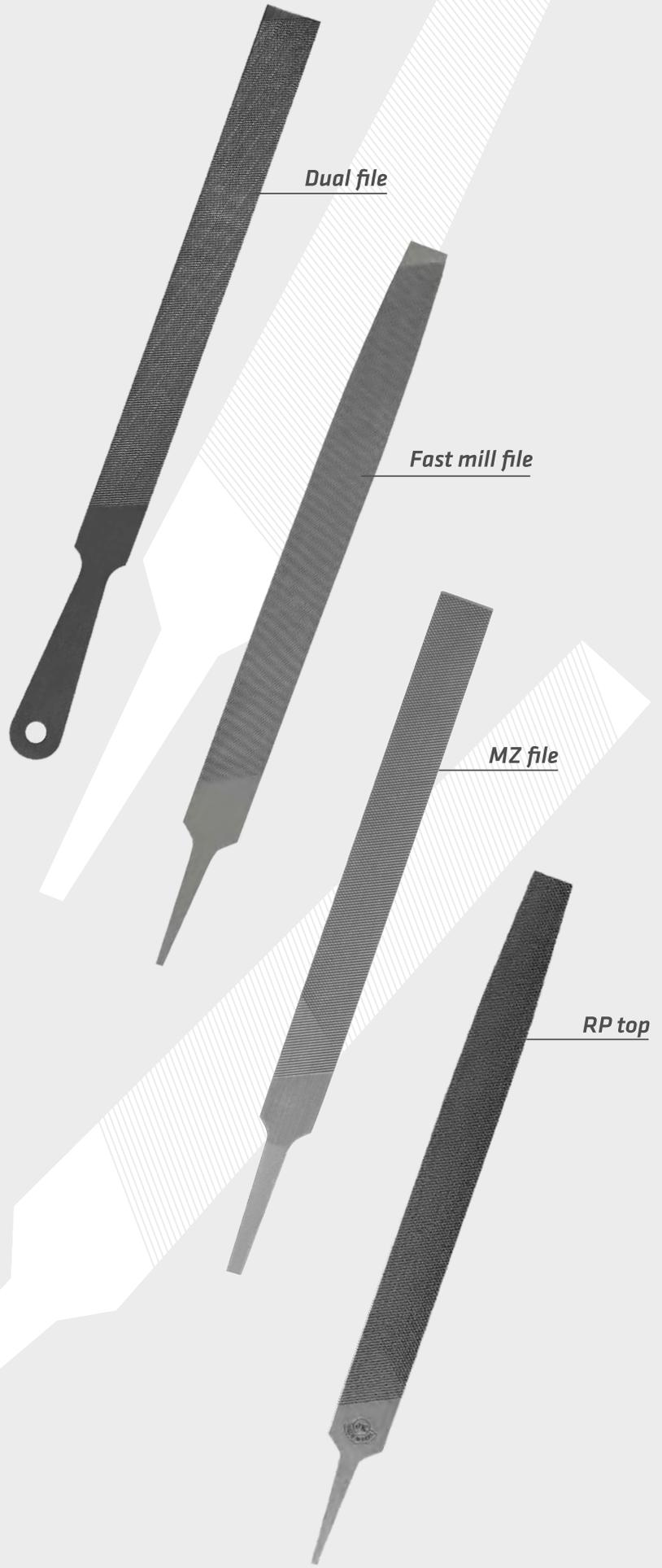


SIZE	INCHES	4	8	10
	MM	100	200	250
W	MM	11.2	20.5	25
T	MM	3.5	4.45	5.8

### 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*

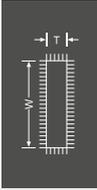


### BUTCHER KNIFE SHARPNER



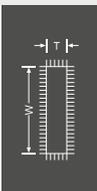
SIZE	INCHES	12
	MM	300
DIAMETER	MM	12

### PARALLEL MC KNIFE

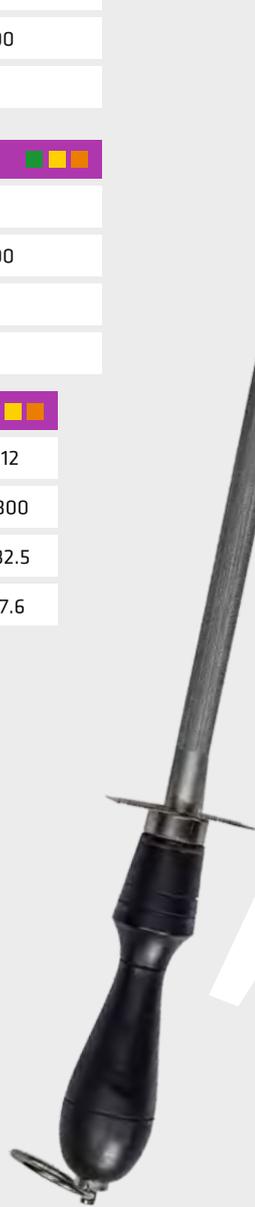


SIZE	INCHES	8
	MM	200
W	MM	12.9
T	MM	3.3

### 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*

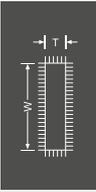


*Parallel mc knife*



*Knife file with only edge cut*

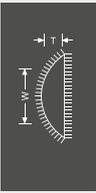
### RICE FILE



SIZE	INCHES	14
	MM	350
W	MM	35
T	MM	8.1

*Rice file*

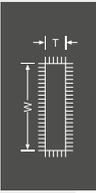
### SHOE MAKER RASP



SIZE	INCHES	9
	MM	225
W	MM	24.8
T	MM	6

*Shoe maker rasp*

### AUGER BIT FILE



SIZE	INCHES	8
	MM	200
W	MM	12
T	MM	2.4

*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.



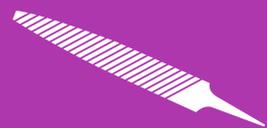
*ENGINEERS FILE SET - Jeux de limes de mecanique Juego de limas para ingenieros*

# 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



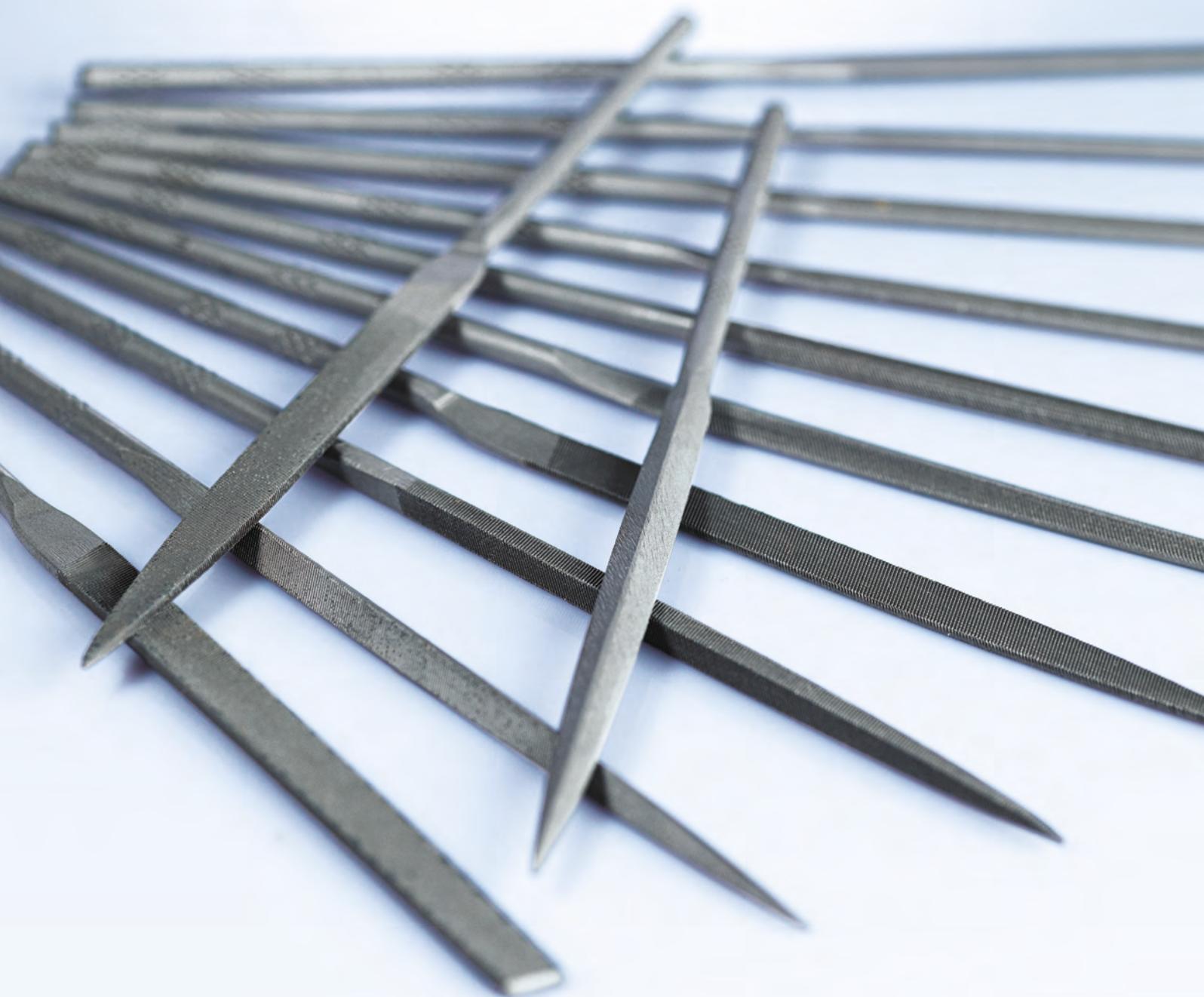
Key file se



## Needle Files

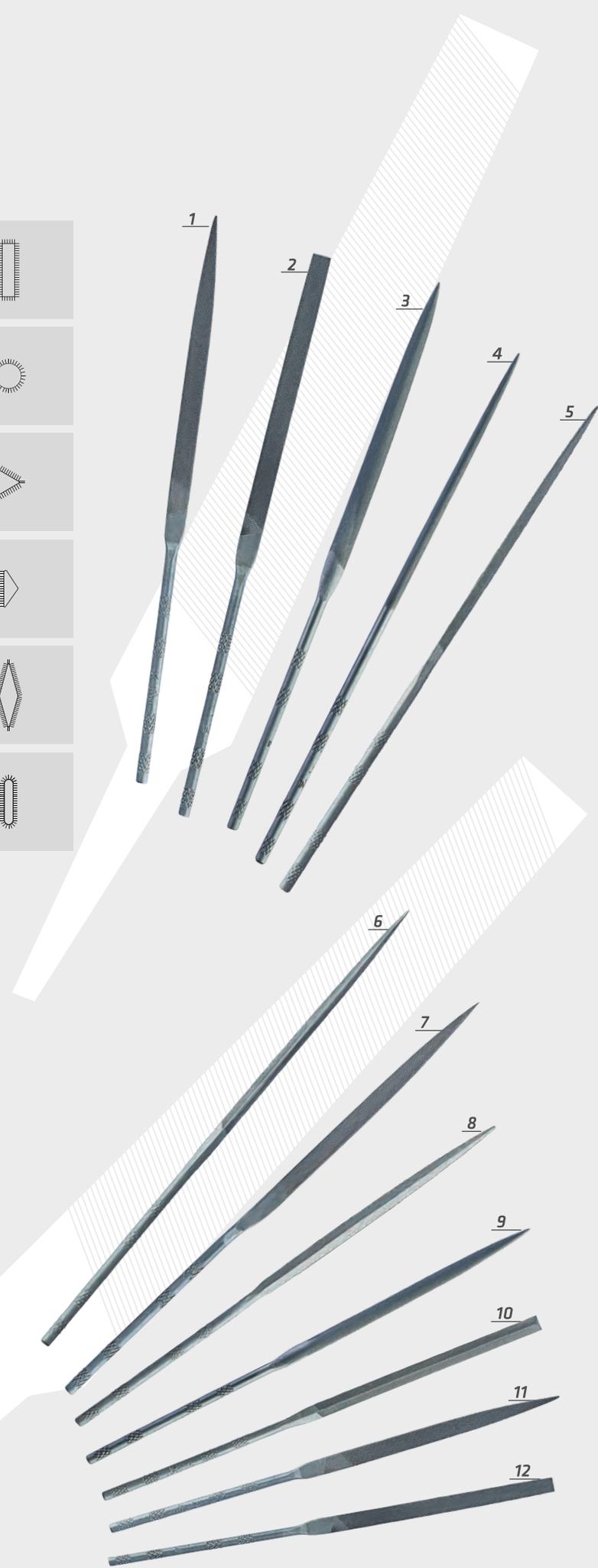
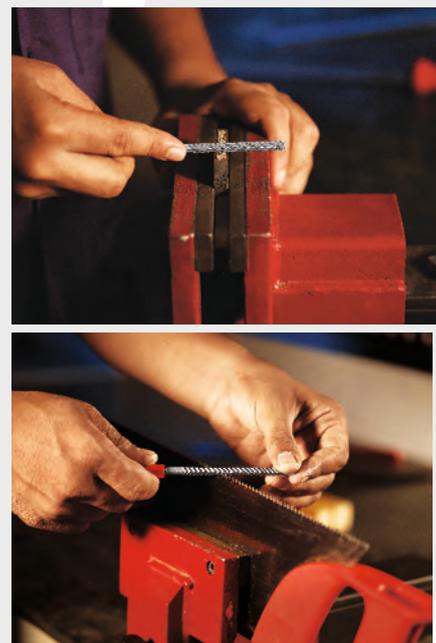
*Limes aiguilles*

*Limas aguja*



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

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

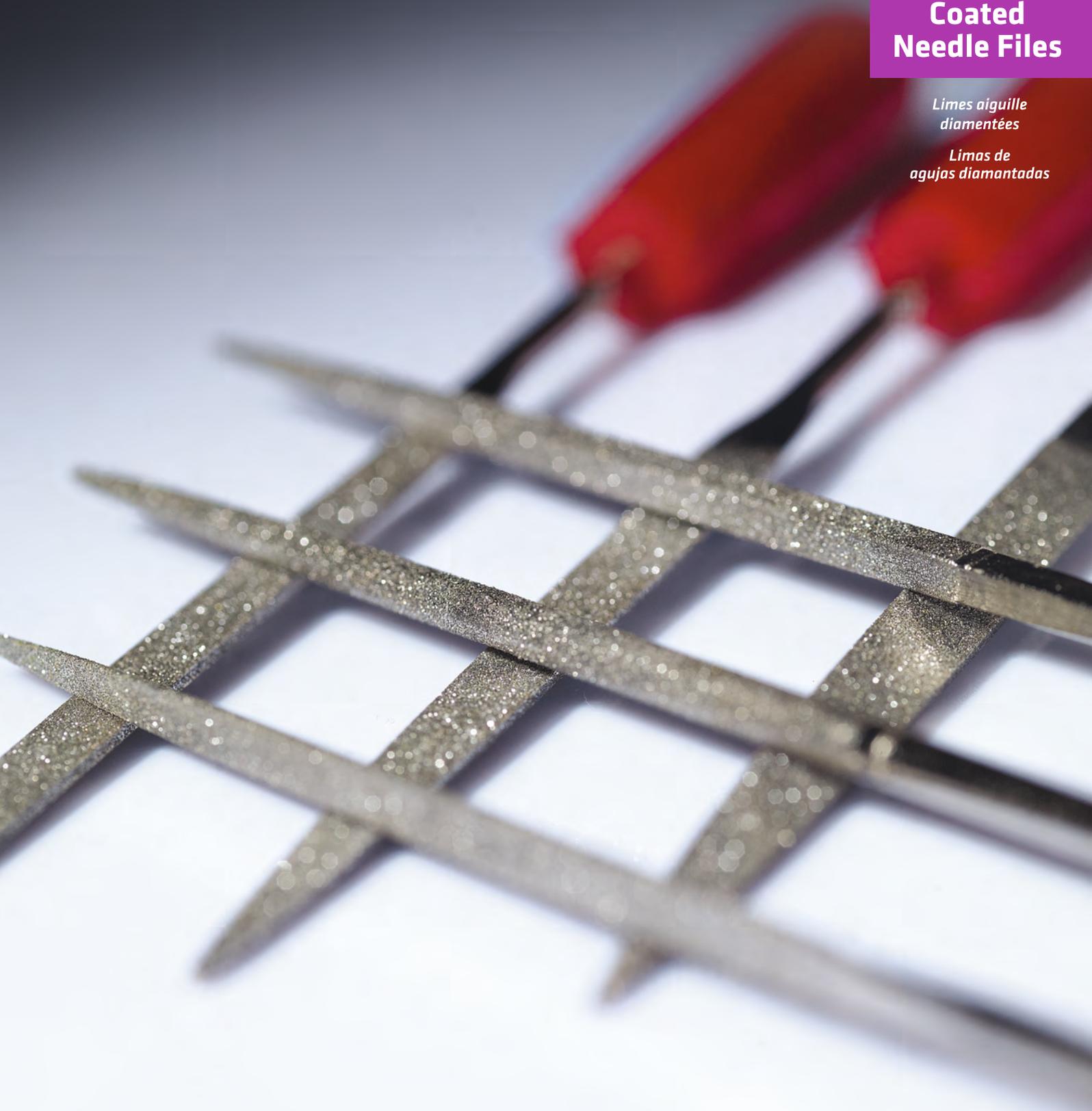




## Diamond Coated Needle Files

*Limes aiguille  
diamantées*

*Limas de  
agujas diamantadas*

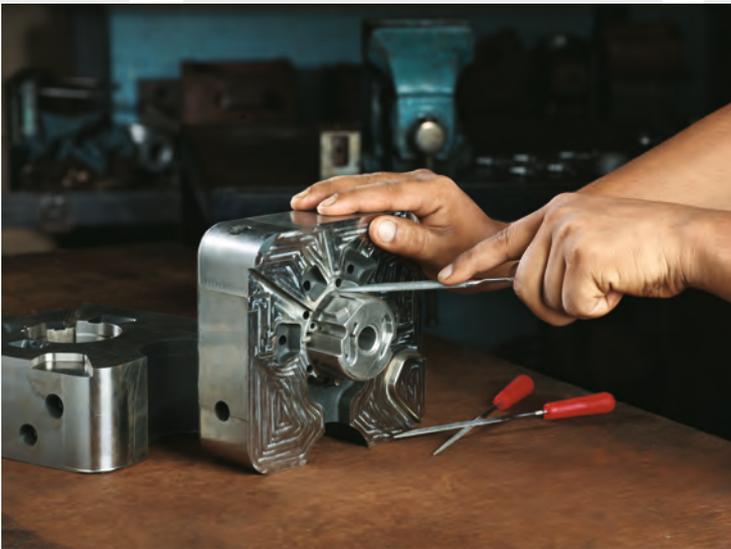




# Diamond Coated Needle Files

Limes aiguille  
diamantées

Limas de  
agujas diamantadas



SIZE	140/160 MM
CUT	0 2

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

# 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 :

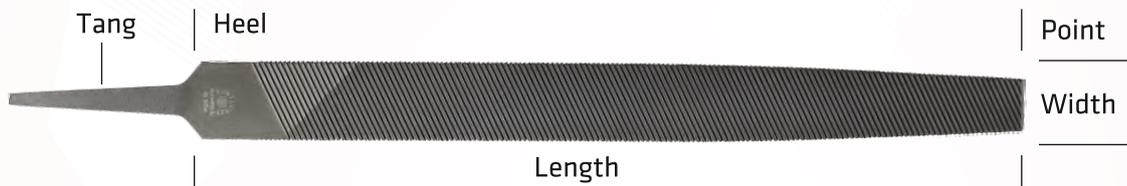
### File Type

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



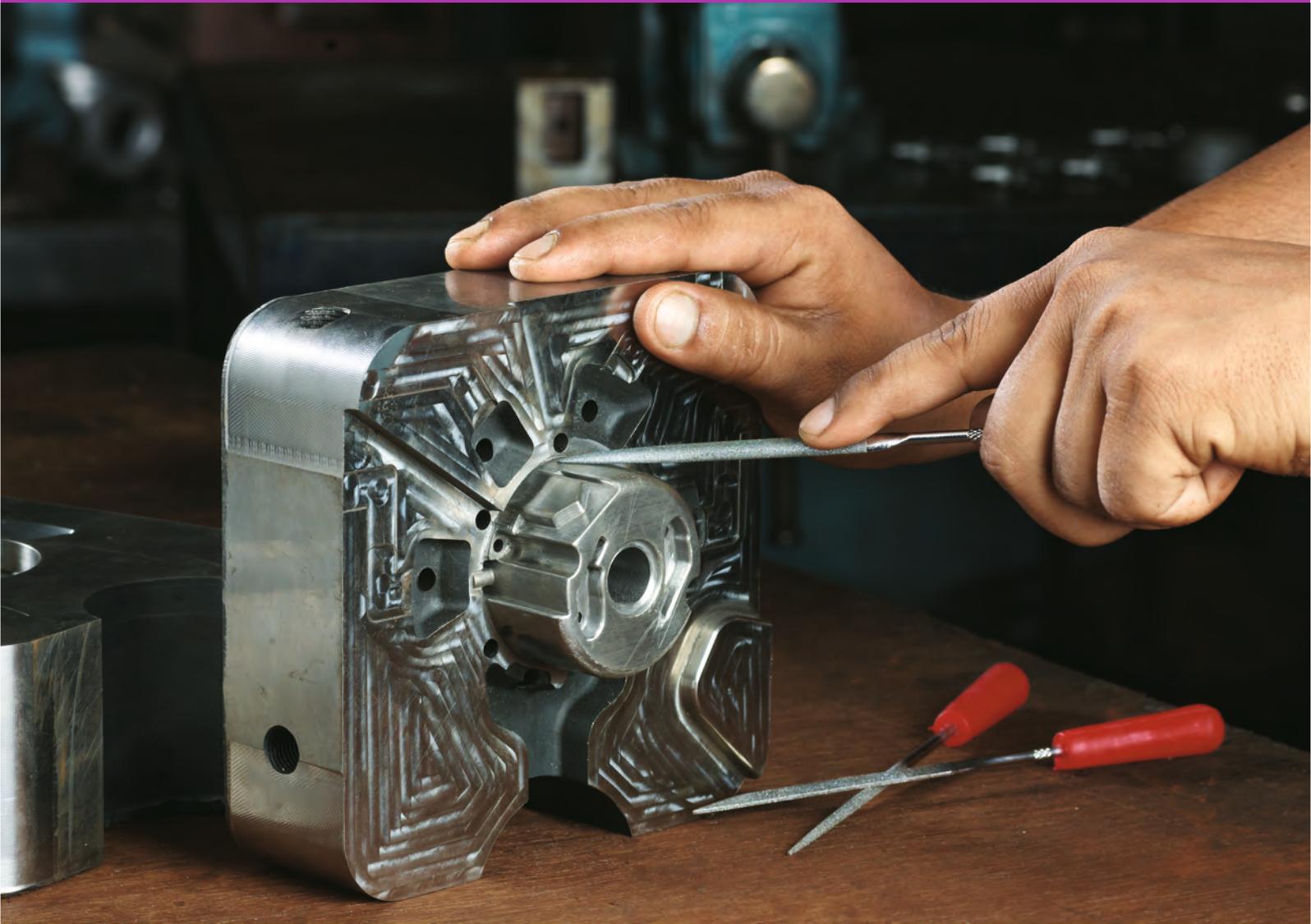
Solid Carbide Drills



HSS Taps

## Contributing to industrial growth for the last 63 years





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