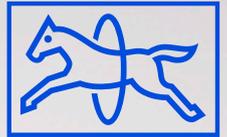


**PFERD**



**TOOLS**

1



**Files**

# Files

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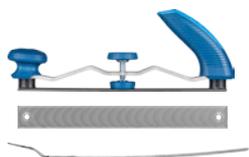
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# Files

## Highlights from the PFERD TOOLS range



### Precision files

PFERD TOOLS precision files are expected to deliver nothing less than outstanding geometric accuracy, cutting performance and tool life.



Due to their exact geometry, precision files are also suitable for installation tasks and for working on complex devices and machines in line with the highest precision standards.

**Advantages:**

- Particularly suitable for work on small and delicate workpieces.
- Exact geometry.
- Wide range of highly precise cuts for numerous applications in precision machining.

### CHAIN SHARP CS-X chain saw sharpener

Sharpening using chain saw files and depth gauge files requires you to have a lot of experience. Thanks to the chain saw sharpeners from PFERD TOOLS, users who do not have as much experience can also achieve precise and uniform sharpening results. The CHAIN SHARP CS-X chain saw sharpener combines the functions of a depth gauge file and chain saw file in one. It allows the saw tooth to be sharpened whilst the depth gauge is adjusted at the same time. Scan the QR code to find out more about PFERD TOOLS' range of chain saw sharpeners.



**Advantages:**

- Turn the device over to change from the right to the left tooth, no conversion work required.
- Optimized shape for precise guidance and optimal sharpening results.
- Improved shape makes it easy to replace the files.

### Tungsten carbide files

PFERD TOOLS' tungsten carbide files impress with their extremely high degree of hardness, wear resistance and long service life.



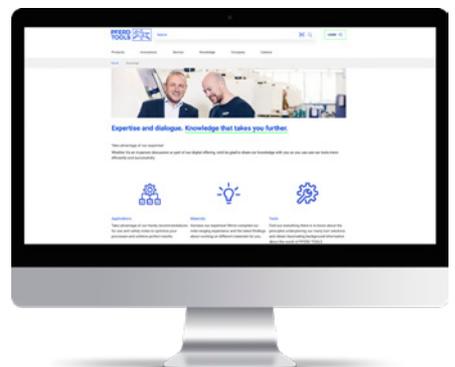
PFERD TOOLS offers tungsten carbide files in a flat version with radial and convex cut pattern for working on flat and convex surfaces, and in a round version for working on concave shapes and for reworking internal radii. For optimum file control, optimum filing results and a rapid tool change, PFERD TOOLS recommends the use of tungsten carbide files on the specially developed, reusable and ergonomically shaped file holders with ergonomic file handle. Scan the QR code to find out more about PFERD TOOLS' range of tungsten carbide files.

**Advantages:**

- Suitable for use on steel and steel materials with hardness > 54 HRC.

### More expert information online

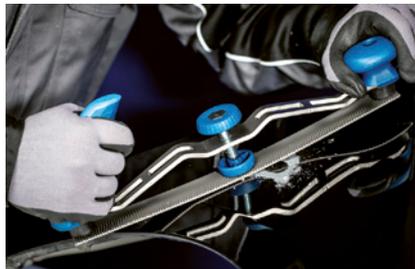
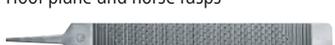
Scan the QR code to find out a wide range of tool and application knowledge relating to PFERD TOOLS' high-quality tools and their huge variety of materials.



# Files

The quick way to find the perfect tool

1

Use	Material	Applications	Tool
<b>Filing</b> 	<ul style="list-style-type: none"> <li>Steel</li> <li>Stainless steel (INOX)</li> <li>Cast iron</li> <li>Cast steel</li> <li>Non-ferrous metals</li> <li>Copper</li> <li>Bronze</li> <li>Brass</li> <li>Zinc</li> </ul>	<ul style="list-style-type: none"> <li>Chamfering</li> <li>Deburring</li> <li>Roughing</li> <li>Finishing</li> <li>Surface work</li> <li>Filing of breakthroughs</li> </ul>	Files for the workshop  Files for aluminium  Milled tooth files  Precision files  Tungsten carbide files  Brake calliper files 
<b>Sharpening</b> 	<ul style="list-style-type: none"> <li>Saw chains</li> <li>Saw blades</li> <li>Band saw blades</li> <li>Knives</li> <li>Machetes</li> </ul>	<ul style="list-style-type: none"> <li>Sharpening of saw chains, blades, and band saw blades</li> </ul>	Chain saw files  Three square saw files  Mill saw files  CHAIN SHARP chain saw sharpeners 
<b>Car body work</b> 	<ul style="list-style-type: none"> <li>Sheet metal</li> <li>Non-ferrous metals</li> <li>Plastics</li> </ul>	<ul style="list-style-type: none"> <li>Surface work</li> <li>Deburring</li> <li>Removal of solder spots</li> <li>Removal of weld spots</li> </ul>	Car body files   Paint peeler 
<b>Soft material work</b> 	<ul style="list-style-type: none"> <li>Wood</li> <li>Plastics</li> <li>Soft stone</li> <li>Horn</li> </ul>	<ul style="list-style-type: none"> <li>Roughing</li> <li>Finishing</li> <li>Surface work</li> <li>Deburring</li> <li>Chamfering</li> </ul>	Wood files  Wood rasps  Hoof plane and horse rasps  Special rasps 

# Files

The most common PFERD TOOLS cuts

## Files for the workshop



### Cut 1

- Cross cut for coarse stock removal and roughing.



### Cut 2

- Cross cut for universal roughing and finishing.



### Cut 3

- Cross cut for precision processing and finishing.

## Car body files



### Cut 00

- Radial cut for very coarse stock removal and roughing.
- Creates score-free surfaces.



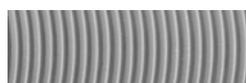
### Cut 0

- Radial cut for coarse stock removal and roughing.
- Creates score-free surfaces.



### Cut 1

- Radial cut for coarse stock removal and roughing.
- Creates score-free surfaces.



### Cut 2

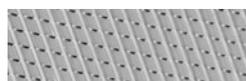
- Radial cut for general roughing and finishing.
- Creates score-free surfaces.



### Cut 3

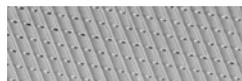
- Radial cut for fine stock removal and finishing.
- Creates score-free surfaces.

## Milled tooth files



### Cut 1

- Straight cut for coarse stock removal on soft metals.
- Because of its milled tooth shape with large flutes, the teeth do not clog up.



### Cut 2

- Straight cut for general roughing and finishing on soft metals.
- Because of its milled tooth shape with large flutes, the teeth do not clog up.



### Cut 3

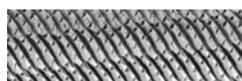
- Straight cut for fine stock removal on soft metals.
- Because of its milled tooth shape with large flutes, the teeth do not clog up.

## Sharpening files



### Classic

- Classic spiral cut for users who prefer a softer filing action.



### Premium

- Innovative spiral cut for users who prefer a softer filing action.



### Single cut Cut 2

- Single cut.
- Universally suited to sharpening.

## Rasps



### Cut 1

- Rasp cut for very coarse stock removal.



### Cut 2

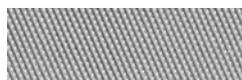
- Rasp cut for coarse stock removal.



### Cut 3

- Rasp cut for coarse stock removal.

## Precision files



### Cut 00

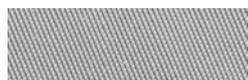
- Cross cut for very coarse precision work.

# Files

The most common PFERD TOOLS cuts



1



### Cut 0

- Cross cut for coarse precision work.



### Cut 3

- Cross cut for fine precision work.



### Cut 1

- Cross cut for medium precision work.



### Cut 4

- Cross cut for very fine precision work.



### Cut 2

- Cross cut for medium-fine precision work.

## Machinist's files, DIN series



### Hand (1112)

Rectangular files, cut on three sides, one side uncut. Tanged design. Shape A in accordance with DIN 7261. Suitable for work on rectangular geometries.



#### Special features:

- Uniformly high stock removal rate.
- Long tool life.
- Suitable for use on aluminium, bronze, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]	Incl. handle		Item no.	Designation
<b>Industrial packaging (without handle)</b>								
1112	100	1	12	2.5	-	10	11101101	1112 100 H1
		2	12	2.5	-	10	11101102	1112 100 H2
		3	12	2.5	-	10	11101103	1112 100 H3
	150	1	16	4	-	10	11101151	1112 150 H1
		2	16	4	-	10	11101152	1112 150 H2
		3	16	4	-	10	11101153	1112 150 H3
	200	1	20	5	-	10	11101201	1112 200 H1
		2	20	5	-	10	11101202	1112 200 H2
		3	20	5	-	10	11101203	1112 200 H3
	250	1	25	6	-	10	11101251	1112 250 H1
		2	25	6	-	10	11101252	1112 250 H2
		3	25	6	-	10	11101253	1112 250 H3
	300	1	30	6.5	-	5	11101301	1112 300 H1
		2	30	6.5	-	5	11101302	1112 300 H2
		3	30	6.5	-	5	11101303	1112 300 H3
	350	1	35	7.5	-	5	11101351	1112 350 H1
		2	35	7.5	-	5	11101352	1112 350 H2

Continued on next page

Profile	Length [mm]	Cut	Width [mm]	Height [mm]	Incl. handle		Item no.	Designation
<b>POS packaging (with ergonomic file handle)</b>								
1112	150	1	16	4	FH 3	1	11210156	PF 1112 150 H1
		2	16	4	FH 3	1	11210157	PF 1112 150 H2
		3	16	4	FH 3	1	11210158	PF 1112 150 H3
	200	1	20	5	FH 4/1	1	11210206	PF 1112 200 H1
		2	20	5	FH 4/1	1	11210207	PF 1112 200 H2
		3	20	5	FH 4/1	1	11210208	PF 1112 200 H3
	250	1	25	6	FH 4/1	1	11210256	PF 1112 250 H1
		2	25	6	FH 4/1	1	11210257	PF 1112 250 H2
		3	25	6	FH 4/1	1	11210258	PF 1112 250 H3
	300	1	30	6.5	FH 5/1	1	11210306	PF 1112 300 H1
		2	30	6.5	FH 5/1	1	11210307	PF 1112 300 H2



### Flat (1122)

Rectangular file, tapered and cut on four sides. Tanged version. Shape B according to DIN 7261. Suitable for work on rectangular geometries.



#### Special features:

- Uniformly high stock removal rate.
- Long tool life.
- Suitable for use on aluminium, bronze, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]	Incl. handle		Item no.	Designation
<b>Industrial packaging (without handle)</b>								
1122	100	2	12	2.5	-	10	11103102	1122 100 H2
		1	16	4	-	10	11103151	1122 150 H1
	150	2	16	4	-	10	11103152	1122 150 H2
		3	16	4	-	10	11103153	1122 150 H3
		1	20	5	-	10	11103201	1122 200 H1
	200	2	20	5	-	10	11103202	1122 200 H2
		3	20	5	-	10	11103203	1122 200 H3
		1	25	6	-	10	11103251	1122 250 H1
	250	2	25	6	-	10	11103252	1122 250 H2
		3	25	6	-	10	11103253	1122 250 H3
		1	30	6.5	-	5	11103301	1122 300 H1
	300	2	30	6.5	-	5	11103302	1122 300 H2
		3	30	6.5	-	5	11103303	1122 300 H3
	350	1	35	7.5	-	5	11103351	1122 350 H1

### POS packaging (with ergonomic file handle)

1122	150	1	16	4	FH 3	1	11216156	PF 1122 150 H1
		2	16	4	FH 3	1	11216157	PF 1122 150 H2
		3	16	4	FH 3	1	11216158	PF 1122 150 H3
	200	1	20	5	FH 4/1	1	11216206	PF 1122 200 H1
		2	20	5	FH 4/1	1	11216207	PF 1122 200 H2
		3	20	5	FH 4/1	1	11216208	PF 1122 200 H3
	250	1	25	6	FH 4/1	1	11216256	PF 1122 250 H1

Continued on next page

# Files for the workshop

Machinist's files, DIN series



1

Profile	Length [mm]	Cut	Width [mm]	Height [mm]	Incl. handle		Item no.	Designation
1122	250	2	25	6	FH 4/1	1	11216257	PF 1122 250 H2
		3	25	6	FH 4/1	1	11216258	PF 1122 250 H3
	300	1	30	6.5	FH 5/1	1	11216306	PF 1122 300 H1
		2	30	6.5	FH 5/1	1	11216307	PF 1122 300 H2
		3	30	6.5	FH 5/1	1	11216308	PF 1122 300 H3



## Three square (1132)

Triangular file, tapered and cut on three sides. Tanged version. Shape C according to DIN 7261. Suitable for filing angular profiles.

### Special features:

- Uniformly high stock removal rate.
- Long tool life.
- Suitable for use on aluminium, bronze, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Incl. handle		Item no.	Designation
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### Industrial packaging (without handle)

1132	100	2	8	-	10	11108102	1132 100 H2
		3	8	-	10	11108103	1132 100 H3
	150	1	11	-	10	11108151	1132 150 H1
		2	11	-	10	11108152	1132 150 H2
		3	11	-	10	11108153	1132 150 H3
	200	1	13	-	10	11108201	1132 200 H1
		2	13	-	10	11108202	1132 200 H2
		3	13	-	10	11108203	1132 200 H3
	250	1	15.5	-	10	11108251	1132 250 H1
		2	15.5	-	10	11108252	1132 250 H2
		3	15.5	-	10	11108253	1132 250 H3
	300	1	18	-	5	11108301	1132 300 H1
		2	18	-	5	11108302	1132 300 H2

### POS packaging (with ergonomic file handle)

1132	150	1	11	FH 3	1	11211156	PF 1132 150 H1
		2	11	FH 3	1	11211157	PF 1132 150 H2
	200	1	13	FH 4	1	11211206	PF 1132 200 H1
		2	13	FH 4	1	11211207	PF 1132 200 H2
	250	1	15.5	FH 5	1	11211256	PF 1132 250 H1
		2	15.5	FH 5	1	11211257	PF 1132 250 H2



## Square (1142)

Square file, tapered and cut on four sides. Tanged version. Shape D according to DIN 7261. Suitable for filing angular profiles.



### Special features:

- Uniformly high stock removal rate.
- Long tool life.
- Suitable for use on aluminium, bronze, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Incl. handle		Item no.	Designation
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### Industrial packaging (without handle)

1142	100	1	4	-	10	11104101	1142 100 H1
		2	4	-	10	11104102	1142 100 H2
	150	1	6	-	10	11104151	1142 150 H1
		2	6	-	10	11104152	1142 150 H2
		3	6	-	10	11104153	1142 150 H3
	200	1	8	-	10	11104201	1142 200 H1
		2	8	-	10	11104202	1142 200 H2
		3	8	-	10	11104203	1142 200 H3
	250	1	10	-	10	11104251	1142 250 H1
		2	10	-	10	11104252	1142 250 H2
		3	10	-	10	11104253	1142 250 H3
	300	1	12	-	5	11104301	1142 300 H1
		2	12	-	5	11104302	1142 300 H2

### POS packaging (with ergonomic file handle)

1142	150	1	6	FH 3	1	11212156	PF 1142 150 H1
		2	6	FH 3	1	11212157	PF 1142 150 H2
	200	1	8	FH 4	1	11212206	PF 1142 200 H1
		2	8	FH 4	1	11212207	PF 1142 200 H2
	250	1	10	FH 4	1	11212256	PF 1142 250 H1
		2	10	FH 4	1	11212257	PF 1142 250 H2

# Files for the workshop

Machinist's files, DIN series



1



## Half-round (1152)

Half-round file, cut on two sides. Tanged version. Shape E according to DIN 7261. Suitable for work on radii and for filing of half-round shapes.



### Special features:

- Excellent filing performance thanks to PFERD TOOLS spiral cut.
- Long tool life.
- Suitable for use on aluminium, bronze, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]	Incl. handle		Item no.	Designation
---------	-------------	-----	------------	-------------	--------------	---	----------	-------------

### Industrial packaging (without handle)

1152	150	1	16	4.5	-	10	11105151	1152 150 H1
		2	16	4.5	-	10	11105152	1152 150 H2
		3	16	4.5	-	10	11105153	1152 150 H3
	200	1	20	6	-	10	11105201	1152 200 H1
		2	20	6	-	10	11105202	1152 200 H2
		3	20	6	-	10	11105203	1152 200 H3
	250	1	25	7	-	10	11105251	1152 250 H1
		2	25	7	-	10	11105252	1152 250 H2
		3	25	7	-	10	11105253	1152 250 H3
	300	1	30	8.5	-	5	11105301	1152 300 H1
		2	30	8.5	-	5	11105302	1152 300 H2
		3	30	8.5	-	5	11105303	1152 300 H3
	350	1	35	10	-	5	11105351	1152 350 H1

### POS packaging (with ergonomic file handle)

1152	150	1	16	4.5	FH 3	1	11213156	PF 1152 150 H1	
		2	16	4.5	FH 3	1	11213157	PF 1152 150 H2	
		3	16	4.5	FH 3	1	11213158	PF 1152 150 H3	
	200	1	20	6	FH 4/1	1	11213206	PF 1152 200 H1	
		2	20	6	FH 4/1	1	11213207	PF 1152 200 H2	
		3	20	6	FH 4/1	1	11213208	PF 1152 200 H3	
	250	1	25	7	FH 4/1	1	11213256	PF 1152 250 H1	
		2	25	7	FH 4/1	1	11213257	PF 1152 250 H2	
		3	25	7	FH 4/1	1	11213258	PF 1152 250 H3	
		300	1	30	8.5	FH 5/1	1	11213306	PF 1152 300 H1



## Round (1162)

Round file with circumferential cut. Tanged version. Shape F according to DIN 7261. Suitable for work on radii and for filing profiles with inner radii.



### Special features:

- Excellent filing performance thanks to PFERD TOOLS spiral cut.
- Long tool life.
- Suitable for use on aluminium, bronze, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Diameter [mm]	Incl. handle		Item no.	Designation
<b>Industrial packaging (without handle)</b>							
1162	100	1	4	-	10	11107101	1162 100 H1
		2	4	-	10	11107102	1162 100 H2
	150	1	6	-	10	11107151	1162 150 H1
		2	6	-	10	11107152	1162 150 H2
		3	6	-	10	11107153	1162 150 H3
	200	1	7.5	-	10	11107201	1162 200 H1
		2	7.5	-	10	11107202	1162 200 H2
		3	7.5	-	10	11107203	1162 200 H3
	250	1	9.5	-	10	11107251	1162 250 H1
		2	9.5	-	10	11107252	1162 250 H2
		3	9.5	-	10	11107253	1162 250 H3
	300	1	12	-	5	11107301	1162 300 H1
		2	12	-	5	11107302	1162 300 H2
		3	12	-	5	11107303	1162 300 H3
	350	1	15	-	5	11107351	1162 350 H1

### POS packaging (with ergonomic file handle)

1162	150	1	6	FH 3	1	11214156	PF 1162 150 H1
		2	6	FH 3	1	11214157	PF 1162 150 H2
		3	6	FH 3	1	11214158	PF 1162 150 H3
	200	1	7.5	FH 4	1	11214206	PF 1162 200 H1
		2	7.5	FH 4	1	11214207	PF 1162 200 H2
		3	7.5	FH 4	1	11214208	PF 1162 200 H3
	250	1	9.5	FH 4	1	11214256	PF 1162 250 H1
		2	9.5	FH 4	1	11214257	PF 1162 250 H2
		3	9.5	FH 4	1	11214258	PF 1162 250 H3
	300	1	12	FH 5	1	11214306	PF 1162 300 H1
		2	12	FH 5	1	18000022	PF 1162 300 H2

# Files for the workshop

Machinist's files, DIN series



1



## Knife files (1172)

Triangular file with knife profile, cut on two sides and the narrow edge. Tanged version. Shape G according to DIN 7261. For work on very acute-angled and narrow geometries.

### Special features:

- Uniformly high stock removal rate.
- Long tool life.
- Suitable for use on aluminium, bronze, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
---------	-------------	-----	------------	-------------	---	----------	-------------

### Industrial packaging (without handle)

1172	200	2	20	6.4 x 1.5	10	11109202	1172 200 H2
	250	2	25	7.9 x 1.75	10	11109252	1172 250 H2

## Special files



## Lathe files

Rectangular file, tanged and cut on two sides, two edges uncut. Shape H according to DIN 7261. Suitable for deburring parts turned on a lathe.



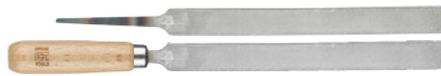
### Special features:

- Opposed direction of the cut on the front and back side causes the file to move away from the chuck during lathe work. This improves safety.
- Suitable for use on aluminium, hard non-ferrous metals, plastics, steel and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
1612 DE	250	Single cut	25	6	10	12119253	1612 DE 250 H1
	300	Single cut	30	6.5	5	12119303	1612 DE 300 H1

# Files for the workshop

## Key files



### Hand (1117)

Small files in accordance with DIN 7283 perfectly suited to light and delicate filing tasks, especially in tool and mould-making. Rectangular file that is cut on three sides and uncut on one side. Tanged design.



#### Special features:

- Versatile.
- Very handy design for the processing of delicate components.
- Suitable for use on aluminium, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>							
1117	100	2	10	1.4	10	11502102	1117 100 H2



### Flat (1127)

Small files in accordance with DIN 7283 perfectly suited to light and delicate filing tasks, especially in tool and mould-making. Rectangular file, tapered and cut on four sides. Tanged design.



#### Special features:

- Versatile.
- Very handy design for the processing of delicate components.
- Suitable for use on aluminium, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
1127	100	2	10	1.4	10	11501102	1127 100 H2
	150	2	16	1.8	10	11501152	1127 150 H2



### Three square (1137)

Small files in accordance with DIN 7283 perfectly suited to light and delicate filing tasks, especially in tool and mould-making. Triangular file, tapered and cut on three sides. Tanged design.

#### Special features:

- Versatile.
- Very handy design for the processing of delicate components.
- Suitable for use on aluminium, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]		Item no.	Designation
1137	100	2	5	10	11505102	1137 100 H2

# Files for the workshop

## Key files

1



### Square (1147)

Small files in accordance with DIN 7283 perfectly suited to light and delicate filing tasks, especially in tool and mould-making. Square file, tapered and cut on four sides. Tanged design.

**Special features:**

- Versatile.
- Very handy design for the processing of delicate components.
- Suitable for use on aluminium, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]		Item no.	Designation
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**Industrial packaging (without handle)**

1147	100	2	3	10	11506102	1147 100 H2
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### Half-round (1157)

Small files in accordance with DIN 7283 perfectly suited to light and delicate filing tasks, especially in tool and mould-making. Half-round file, cut on two sides. Tanged design.

**Special features:**

- Versatile.
- Very handy design for the processing of delicate components.
- Suitable for use on aluminium, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
---------	-------------	-----	------------	-------------	---	----------	-------------

**Industrial packaging (without handle)**

1157	100	2	9	3	10	11503102	1157 100 H2
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### Round (1167)

Small files in accordance with DIN 7283 perfectly suited to light and delicate filing tasks, especially in tool and mould-making. Round file with circumferential cut. Tanged design.



**Special features:**

- Versatile.
- Very handy design for the processing of delicate components.
- Suitable for use on aluminium, copper, brass, zinc, grey cast iron, steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Diameter [mm]		Item no.	Designation
---------	-------------	-----	---------------	---	----------	-------------

**Industrial packaging (without handle)**

1167	100	2	3	10	11504102	1167 100 H2
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# Files for the workshop

## Key file sets



### Key file set 265 A

Contains an application-oriented selection of key files. Ideal for fine and delicate filing.

#### Contents:

The set contains six key files and a quick-mounting handle. The set comprises one each of the following files: hand (1117), flat (1127), three square (1137), square (1147), half-round (1157), round (1167).

#### Special features:

- Suitable for a wide range of delicate and light filing tasks.

- Supplied with quick-mounting handle no. 220 in a plastic pouch to protect against dirt and damage. Handle is only available in a set and not individually.

Length [mm]		Item no.	Designation
100	1	11702100	265 A 100 H2

# Car body files

Adjustable holders for car body files



1



## Adjustable holders for car body files

This light ergonomic holder with plastic handles without plasticizer allows individual tensioning of car body file blades to match the surface contour of the workpiece.

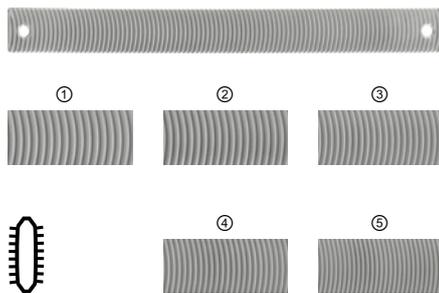


### Special features:

- The bending radius of the file can be steplessly adjusted via the tensioning system.
- Can be used in a focused manner or over a wide area as the car body file can be used curved as well as straight.
- Enables work with low levels of fatigue thanks to vibration-damping rubber pad.

Suitable for file length [mm]		Item no.	Designation
350	1	14203350	KFH 350

## Car body file blades



### Car body file blades 299 b

The car body file blades have razor-sharp tooth edges and, thanks to the individual clamping in the car body file holder, can be adjusted to the contour of the surface to be worked. The file blades can also be used at specific points.

### Special features:

- The bending radius of the file can be steplessly adjusted via the tensioning system.
- Convex shape of the file blades prevents unwanted scratches.
- Suitable for use on aluminium and steels up to 1,200 N/mm<sup>2</sup>.

Image	Profile	Length [mm]	Cut	Version	Width [mm]	Height [mm]	Teeth per inch		Item no.	Designation
	299 b	350	1	coarse	36	4.7	9	1	14101351	299 b 350 Z1

# Sharpening files

## Hand saw files



### Hand

Rectangular file, cut on three sides, one side uncut. Tanged version. Shape A in accordance with DIN 7261. Suitable for work on rectangular geometries.

Profile	Länge [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>							
Farmers own	200	2	25	4	10	18100800	Farmers own 200 H2
Farmers own	250	2	30	4.75	10	18100801	Farmers own 250 H2

## Three square saw files



### Saw files, slim (1237)

Triangular file, tapered with tang for a wide range of applications. Cut on three sides and three edges.

**Special features:**

- Good stock removal rate.
- Long tool life.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>						
1237	100	2	6	10	11402102	1237 100 H2
	125	2	7	10	11402122	1237 125 H2
	150	2	8.5	10	11402152	1237 150 H2
	175	2	10	10	11402182	1237 175 H2
	200	2	12	10	11402202	1237 200 H2



### Saw files, extra slim (1238)

Triangular file, tapered with tang for a wide range of applications. Cut on three sides and three edges.

**Special features:**

- Good stock removal rate.
- Long tool life.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup> and cast steel.

Profile	Length [mm]	Cut	Width [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>						
1238	100	2	5	10	11403102	1238 100 H2
	150	2	7	10	11403152	1238 150 H2

# Sharpening files

## Mill saw files

1



### Mill saw files (1212)

Rectangular file, tanged. With two straight edges and cut on four sides. Shape E according to DIN 7276.



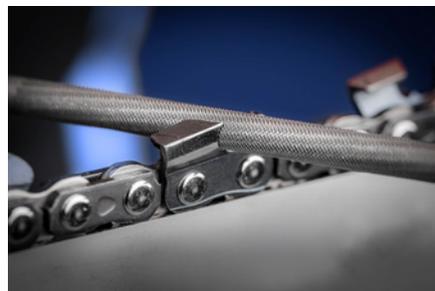
Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>							
1212	300	2	30	5	10	11607303	1212 300 H2

## Chain saw files



### Chain saw files, round, Classic Line

Round Classic Line file for fast and score-free manual sharpening of saw chains. In comparison to machine sharpening, this file removes stock springly without thermal loads caused by friction on the metal.



#### Special features:

- Optimum combination of tool life and stock removal rate.
- Aggressive filing for quick sharpening.

Profile	Length [mm]	Diameter [mm]	Diameter [inch]	Chain pitch [inch]		Item no.	Designation
412 200	200	4	5/32	1/4, 3/8 LP	6	11016203	412 200 x 4,0 Classic
		4.8	3/16	.325	6	11018203	412 200 x 4,8 Classic
		5.16	13/64	3/8	6	11020203	412 200 x 5,16 Classic
		5.5	7/32	3/8, .404	6	11022203	412 200 x 5,5 Classic



### Chain saw files, round, Premium Line

Round Premium Line file for fast and score-free manual sharpening of saw chains. In comparison to machine sharpening, this file removes stock sparingly without thermal loads caused by friction on the metal.

**Special features:**

- Perfect sharpness thanks to innovative spiral cut.
- Fine tooth surfaces for maximum cutting performance and gentler filing.

Profile	Length [mm]	Diameter [mm]	Diameter [inch]	Chain pitch [inch]		Item no.	Designation
412 200	200	4	5/32	1/4, 3/8 LP	6	11037203	412 200 x 4,0 Premium
		4.8	3/16	.325	6	11039203	412 200 x 4,8 Premium
		5.16	13/64	3/8	6	11040203	412 200 x 5,16 Premium
		5.5	7/32	3/8, .404	6	11041203	412 200 x 5,5 Premium



### Chain saw files in plastic pouch, pack of 3, Classic Line

Three round Classic Line files with spiral cut in promotional plastic packaging to protect against dirt and damage. The opening on the front of the packaging makes it easier to remove and return the files. A packaging unit contains four packs, each containing three files.

**Special features:**

- Optimum combination of tool life and stock removal rate.
- Aggressive filing for quick sharpening.

Profile	Length [mm]	Diameter [mm]	Diameter [inch]	Tang shape	Chain pitch [inch]		Item no.	Designation
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**POS packaging**

412 4x3	200	4	5/32	square	1/4, 3/8 LP	12	11071203	412 4x3 200 x 4,0 Classic
		4.8	3/16	round	.325	12	11073203	412 4x3 200 x 4,8 Classic
		5.5	7/32	square	3/8, .404	12	11075203	412 4x3 200 x 5,5 Classic



### Chain saw files in plastic pouch, pack of 2, Classic Line

Two round Classic Line files with spiral cut in promotional plastic packaging to protect against dirt and damage. One packaging unit contains twenty plastic packs, each containing two files. LP = Low Profile.



**Special features:**

- The overlapping opening on the rear ensures that no files can inadvertently slide out of the packaging.
- Optimum combination of tool life and stock removal rate.
- Aggressive filing for quick sharpening.

Profile	Length [mm]	Diameter [mm]	Diameter [inch]	Chain pitch [inch]		Item no.	Designation
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**POS packaging**

4122 SK	200	4	5/32	1/4, 3/8 LP	40	11081203	4122 SK-4,0 200 Classic
		4.8	3/16	.325	40	11083203	4122 SK-4,8 200 Classic
		5.16	13/64	3/8	40	18600757	4122 SK-5,16 200 Classic
		5.5	7/32	3/8, .404	40	11085203	4122 SK-5,5 200 Classic

# Sharpening files

## Chain saw files

1



### Wooden handles for chain saw files

The wooden handle for chain saw files has an angular contact surface which maintains a 35° filing angle for accurate, even sharpening of all chain saw teeth.

**Special features:**

- Optimized filing angle ensures precise, even filing.

Suitable for chain saw file diameter [mm]	Total length [mm]		Item no.	Designation
4.8 / 5.16 / 5.5 / 6.3 / 7.0 / 7.9	100	1	12611010	HKSF 100/10



### Chain saw gauge

The chain saw gauge supports consistent sharpening results by providing the correct sharpening angle. It is attached to the pin of the ergonomic file handle for chain saw files. Please order the file handle separately.

Suitable for chain saw file diameter [mm]	Angle		Item no.	Designation
4.0 / 4.5 / 4.8 / 5.16 / 5.5	25°/30°	1	12600020	KSSL 25/30



### Stump vice

Portable stump vice made from solid steel for sharpening saw chains in forests. It is driven into a tree stump or tree trunk and is used to secure the guide rail in place.

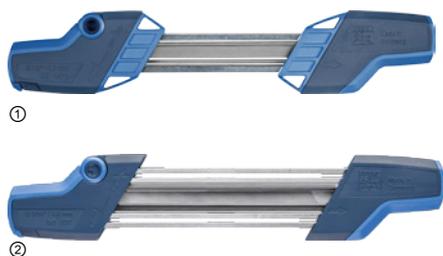
**Special features:**

- Secure chain saw attachment leads to excellent sharpening results.
- Chain moves freely during sharpening.

	Item no.	Designation
1	18301038	FB

# Sharpening files

## CHAIN SHARP chain saw sharpeners



### CHAIN SHARP CS-X chain saw sharpeners

The CHAIN SHARP CS-X chain saw sharpener enables the saw teeth to be sharpened and the depth gauge to be adjusted simultaneously. The optimized shape and excellent file position ensure precise guidance and optimum sharpening results.



**Contents:**

The chain saw sharpener consists of a sharpener, a depth gauge file and two Classic Line chain saw files.

**Special features:**

- Turn the device over to change from the right to the left tooth, no conversion work required.
- Improved shape makes it easy to replace the files.
- The chain saw sharpener provides a sharpening angle of 30°.

Image	Suitable for chain saw file diameter [mm]	Suitable for chain saw file diameter [inch]	Chain pitch [inch]	Depth gauge distance [mm]	Suitable depth gauge file		Item no.	Designation
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**POS packaging**

②	4.0	5/32	3/8 LP	0.65	4132	1	11098040	CS-X-4,0
	4.8	3/16	.325	0.65	4132	1	11098048	CS-X-4,8
	5.16	13/64	3/8	0.65	4132	1	11098051	CS-X-5,16
	5.5	7/32	.404	0.75	4132	1	11098055	CS-X-5,5



### CHAIN SHARP CS-SLS chain saw sharpener set

CHAIN SHARP CS-SLS Set for maintaining saw chains and guide rails. The compact and ergonomic sharpener enables saw chains to be sharpened in a targeted way. The defined elevation of the chain saw file makes sharpening the saw teeth easier and prevents the connecting links of the saw chain from being damaged.

**Contents:**

The chain saw sharpener set consists of a sharpener, two Classic Line chain saw files, a depth gauge file with an ergonomic file handle and a depth gauge. The set is supplied in a belt pouch which protects against damage and dirt.

**Special features:**

- Depth gauge can be individually adjusted. Gauge supplied gives depth gauge distances of 0.65 mm (.025") for harder wood or 0.75 mm (.030") for softer wood.
- Long tool life and precise and uniform sharpening results with PFERD TOOLS files. Even for semi-professional users.
- The set enables saw chains and guide rails to be maintained.

	Item no.	Designation
1	11099140	SET CS-SLS-4,0
	11099148	SET CS-SLS-4,8
	11099151	SET CS-SLS-5,16
	11099155	SET CS-SLS-5,5

# Sharpening files

## Depth gauge files

1



### Depth gauge files for CHAIN SHARP CS-X

Rectangular file with cut on two sides. Suitable for the CHAIN SHARP CS-X chain saw sharpener.

**Special features:**

- Stock removal rate is precisely tailored to the depth gauge.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]	Suitable for		Item no.	Designation
4132	200	2	9	6	CS-X	10	11692202	4132 200



### Flat chain saw files for depth gauge

Rectangular file, tapered with two round uncut edges and cut on two sides. Shape F according to DIN 7262. Flat chain saw files are used to file the depth gauges of saw chains.



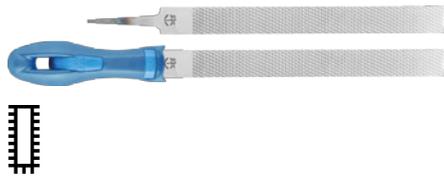
**Special features:**

- Stock removal rate is precisely tailored to the depth gauge.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
1213 ruk	150	2	16	3	10	11610153	1213 ruk 150 H2

# Files and rasps for wood

## Wood rasps



### Hand wood rasps

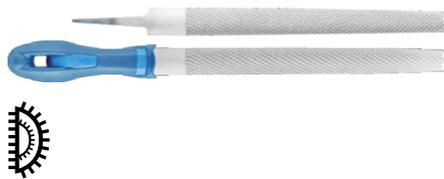
Rectangular file with cut on three sides, flat sides with rasp cut, one edge with file cut, one edge uncut. Shape A in accordance with DIN 7263. Tanged design. Particularly suitable for coarse cutting of wood.



**Special features:**

- High stock removal rate.
- Good chip removal.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>							
1512	200	2	20	6.5	10	11306202	1512 200 H2
	250	2	25	7.5	10	11306252	1512 250 H2



### Half-round wood rasps

Half-round file, tapered with rasp cut on two sides. Shape C in accordance with DIN 7263. Tanged design. Particularly suitable for coarse cutting of wood.



**Special features:**

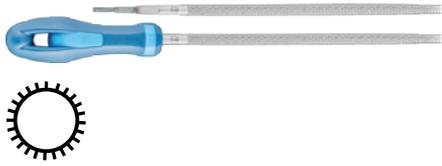
- High stock removal rate.
- Good chip removal.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>							
1552	200	2	21	7.5	10	11307202	1552 200 H2
	250	2	25	8.5	10	11307252	1552 250 H2
	300	2	30	10	5	11307302	1552 300 H2

# Files and rasps for wood

## Wood rasps

1



### Round wood rasps (1562)

Round file, tapered with circumferential rasp cut. Shape E according to DIN 7263. Tanged version. Suitable for work on radii and for filing profiles with inner radii.

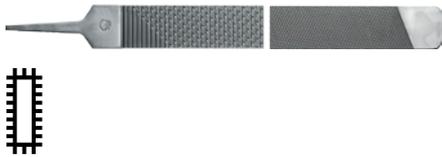


**Special features:**

- High stock removal rate.
- Good chip removal.

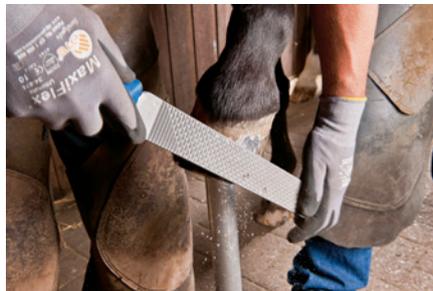
Profile	Length [mm]	Cut	Diameter [mm]		Item no.	Designation
<b>Industrial packaging (without handle)</b>						
1562	250	2	11.5	10	11308252	1562 250 H2

## Hoof rasps



### Hoof plane

Rectangular file, tanged and cut on four sides. One side fine, one side coarse. Suitable for straightening of the hoof surface, finishing the hoof wall, filing the toes and for work on the hoof nails after undercutting, conserving energy and easing back strain.



**Special features:**

- Long tool life.
- Very good surface quality.
- Comfortable filing for worker and animal alike.

Profile	Length [mm]	Cut	Width [mm]	Height [mm]	Matching handle		Item no.	Designation
3515	350	milled	44	6	FH 6/1	1	13180350	3515 350



### Flat

The rectangular, tapered files, cut on four sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

#### Special features:

- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
<b>Flat</b>								
2406	160	1	3.25	5.5	1.4	12	12505082	2406 160 H1



### Hand

The rectangular files, cut on four sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

#### Special features:

- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
<b>Hand</b>								
2401	140	1	3	5.1	1.3	12	12501062	2401 140 H1
	160	1	3.25	5.5	1.4	12	12501082	2401 160 H1
		3	3.25	5.5	1.4	12	12501084	2401 160 H3
	180	0	3.5	6	1.5	12	12501092	2401 180 H0
	200	0	3.75	6.4	1.6	12	12501102	2401 200 H0



### Three square

Triangular, tapered files, cut on three sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

#### Special features:

- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]		Item no.	Designation
<b>Three square</b>							
2407	140	1	3	3.5	12	12508062	2407 140 H1
	160	1	3.25	3.7	12	12508082	2407 160 H1
	180	0	3.5	4.1	12	12508092	2407 180 H0



### Square

Square, tapered files, cut on four sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

#### Special features:

- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]		Item no.	Designation
<b>Square</b>							
2408	160	1	3.25	2.5	12	12511082	2408 160 H1

# Precision files

## Needle files

1



### Knives

Triangular, tapered files with knife profile, cut on two sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

**Special features:**

- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
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#### Knife shape

2405	160	1	3.25	5.8	1.7	12	12506082	2405 160 H1
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### Round

Round, tapered files with circumferential cut are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.



**Special features:**

- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]		Item no.	Designation
---------	-------------	-----------	-------------	------------	---	----------	-------------

#### Round

2410	140	1	3	3	12	12512062	2410 140 H1
	160	1	3.25	3.25	12	12512082	2410 160 H1
	180	0	3.5	3.5	12	12512091	2410 180 H0



### Half-round

Half-round, tapered files, cut on two sides, are ideal for working on very small surfaces, cut-outs, geometries, profiles and radii.

**Special features:**

- Can be used with or without a needle file handle thanks to the forged tang.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Profile	Length [mm]	Swiss cut	Tang ø [mm]	Width [mm]	Height [mm]		Item no.	Designation
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#### Half-round

2402	140	1	3	5	1.7	12	12509062	2402 140 H1
	160	1	3.25	5.7	1.8	12	12509082	2402 160 H1
		3	3.25	5.7	1.8	12	12509084	2402 160 H3
	180	0	3.5	6	2	12	12509092	2402 180 H0



① ②

### Needle file sets

Contains an application-oriented selection of needle files.

#### Contents:

The set contains 12 needle files. The set comprises one each of the following needle files: flat (2406), hand (2401), crossing oval (2403), three square (2407), square (2408), round (2410), knife (2405), half-round (2402), barrette (2411), flat with round edges (2415), hand with round edges (2416), crossing oval round oval (2409).

#### Special features:

- Supplied in a PVC plastic pouch or a practical plastic box.

Image	Length [mm]	Swiss cut	Contents [Piece]		Item no.	Designation
<b>PVC plastic pouch</b>						
①	140	1	12	1	12703062	266/14 P 140 H1
	160	1	12	1	12704082	266/16 P 160 H1
	180	0	12	1	12705092	266/18 P 180 H0
<b>Plastic box</b>						
②	160	2	12	1	12799010	NFB 2493 160 H2



### Needle file handle set

Contains an application-oriented selection of PFERD TOOLS needle files.

#### Contents:

The set contains six needle files. The set comprises one each of the following needle files: flat (101), hand (102), three square (104), half-round (108), square (105), round (106).

#### Special features:

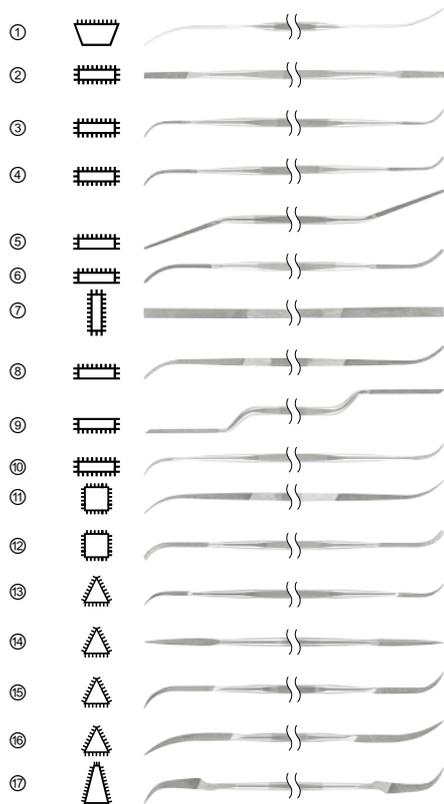
- Supplied in a handy box to protect against dirt and damage.

Length [mm]	Swiss cut	Contents [Piece]		Item no.	Designation
160	1	6	1	11260162	PF 263 160 H1

# Precision files

## Riffler files, riffler rasps

1



### Riffler files series 901P–952P

Riffler files in length 150 mm (smallest version).

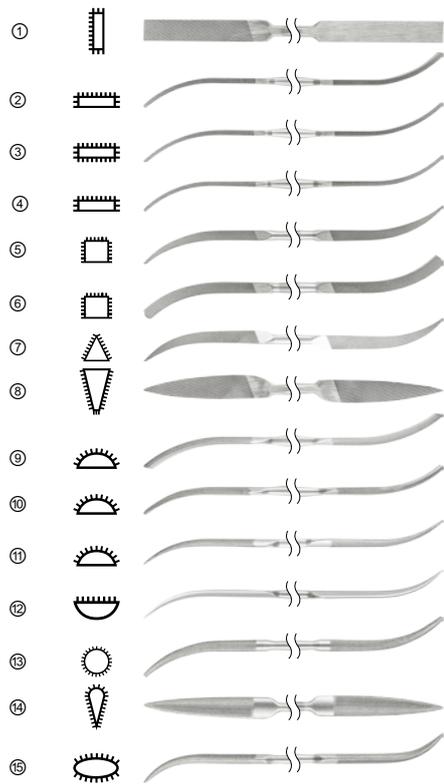
**Special features:**

- Can be used with or without riffler file holder.
- Width, application-oriented product selection.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Image	Profile	Length [mm]	Swiss cut	Width [mm]		Item no.	Designation
	942P	150	4	2.6	12	12409424	942P 150 H4

# Precision files

## Riffler files, riffler rasps



### Riffler files series 710P–795P

Riffler files in length 180 mm (medium version).

**Special features:**

- Can be used with or without riffler file holder.
- Width, application-oriented product selection.
- Suitable for use on steels up to 1,200 N/mm<sup>2</sup>.

Image	Profile	Length [mm]	Swiss cut	Width [mm]	Height [mm]		Item no.	Designation
⑮	795P	180	2	8	4.3	12	12407952	795P 180 H2

# File handles, file sleeves, file brush

## File handles

1  




### Hoof plane file handle

Hoof plane file handle for comfortable and safe work.

**Special features:**

- Protects hands against sharp edges and corners.
- Ergonomic shape with optimized handle.

Suitable for file length [mm]	Total length [mm]	Suitable for		Item no.	Designation
350	110	Hoof plane	1	12612000	FH 6/1

①



### Plastic file handles

Stable plastic file handles for good guidance and power transmission.

②



**Special features:**

- Wide collar guarantees work with low levels of fatigue and increases safety.
- Good power transmission and control of the file.
- Air chambers help absorb hand moisture.

③

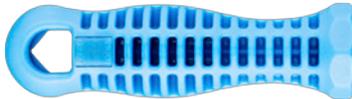


Image	Suitable for file length [mm]	Total length [mm]	Suitable for		Item no.	Designation
①	100, 125, 150	90	Key files	10	12616108	PH 08/10
			all tangs	10	12616109	PH 09/10
②	200, 250	110	all tangs	10	12616111	PH 11/10
③	300, 350	120	all tangs	10	12616113	PH 13/10

## Quick-mounting handles



### Quick-mounting handle

Quick-mounting handle for needle files, diamond files and smaller machinist's and precision files.

**Special features:**

- Reliably clamps the file tangs into the handle by simply twisting the two halves of the handle.

Suitable for file length [mm]	Suitable for tang diameter [mm]	Total length [mm]		Item no.	Designation
140, 160, 180, 200	3.0 / 3.25 / 3.5 / 3.75	90	10	12605004	SH 220

# File handles, file sleeves, file brush

## File brush



### File brush

The file brush effortlessly cleans chips from a clogged file. With robust wooden handle with wear-resistant steel wire filament.



#### Special features:

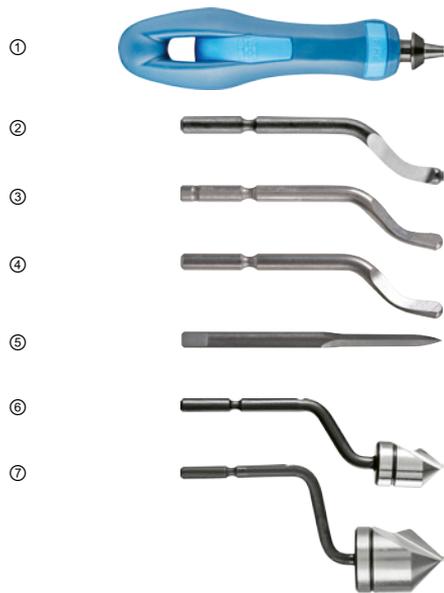
- Easy to clean.
- Long tool life.

Length [mm]		Item no.	Designation
<b>Steel wire (ST)</b>			
232	5	12601000	HBF 10 ST 0,30

# Hand deburrer

Hand deburrer

1



## Hand deburrer

Easy change blades and countersinks for efficient deburring, chamfering and reworking of different materials and contours. Hard-to-reach areas, bores, inner and outer diameters, thread and grooves can be worked on effortlessly by hand.



### Special features:

- Easy to control and use with the special holder.
- The pivot-mounted adapter system makes handling and changing the deburrer very easy.
- Ergonomic file handle protects hands against sharp edges and prevents the tool from rolling away.

Image	Diameter [mm]	Use for	Countersink dia. [mm]		Item no.	Designation
<b>Holder for hand deburrer</b>						
①	-	all types	-	1	12605005	H 4
<b>Deburring blades</b>						
②	3	Steel, aluminium	-	10	14300010	BS 1010
③	3	Plastics, other soft materials	-	10	14300020	BS 1018
④	3	Non-ferrous metals, cast iron	-	10	14300030	BS 2010
<b>Deburring countersink</b>						
⑥	3	general use	10.4	1	14300050	BC 1041
⑦	3	general use	16.5	1	14300060	BC 1651