








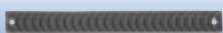






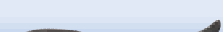



For almost 200 years, PFERD files have been renowned worldwide as a top quality product. With their constantly high cutting performance, ensuring an excellent surface quality even after long use, they reduce the cost of labour-intensive manual work and will thus provide significant economic benefits. Even after long use, PFERD files have an excellent-quality finish.

From two centuries of experience as partner to the metalworking industry, PFERD has developed a number of ideal file shapes and cuts for specific applications in industry and the crafts.

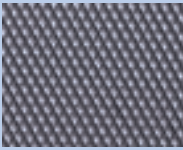
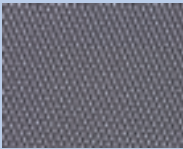
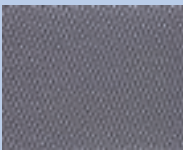
Modern production technology and strict quality control ensure the exceptional quality of PFERD products.

PFERD is certified according DIN EN ISO 9001.

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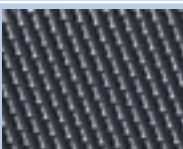
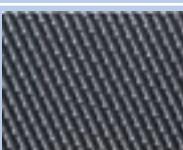

### Files for the workshop

<b>Cut 1</b>		Cross cut. Suited for coarse machining and for coarse stock removal.
<b>Cut 2</b>		Cross cut. For universal coarse stock removal and prefinishing.
<b>Cut 3</b>		Cross cut. For fine work and prefinishing.

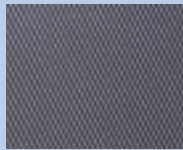
### Car body files

<b>Cut 1</b>		Radial tooth cut. Suited for coarse stock removal and roughing. Creates score-free surfaces.
<b>Cut 2</b>		Radial tooth cut. For universal coarse stock removal and smoothing. Creates score-free surfaces.
<b>Cut 3</b>		Radial tooth cut. Suited for fine stock removal and for prefinishing. Creates score-free surfaces.

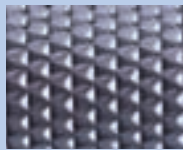
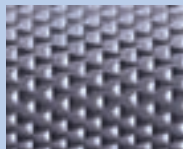
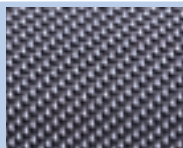
### Milled tooth files

<b>Cut 1</b>		Straight tooth cut. Suitable for coarse stock removal when working on soft metals. The shape of the milled tooth and large flutes prevent clogging problems.
<b>Cut 2</b>		Straight tooth cut. Suitable for universal coarse stock removal and prefinishing on soft metals. The shape of the milled tooth and large flutes prevent clogging problems.
<b>Cut 3</b>		Straight tooth cut. Suitable for coarse machining of soft metals. The shape of the milled tooth and large flutes prevent clogging problems.


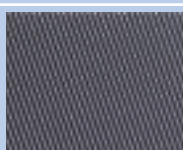

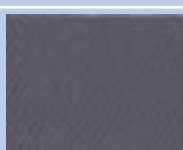
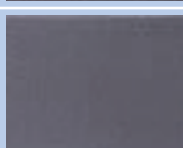
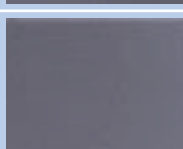
### Sharpening files

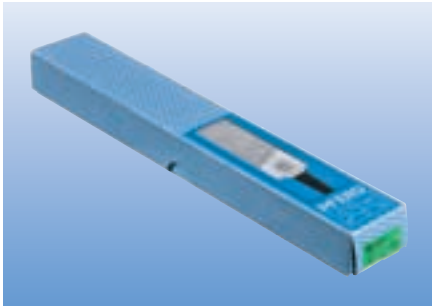
<b>Single cut</b>		Single cut. For universal sharpening.
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### Wood rasps

<b>Cut 1</b>		Rasp cut. Suitable for coarse machining and for coarse stock removal.
<b>Cut 2</b>		Rasp cut. For universal coarse stock removal and prefinishing.
<b>Cut 3</b>		Radial cut. For fine work and prefinishing.

### Precision files

<b>Cut 00</b>		Cross cut. Suitable for very coarse precision work.
<b>Cut 0</b>		Cross cut. Suitable for very coarse precision work.
<b>Cut 1</b>		Cross cut. Suitable for medium precision work.
<b>Cut 2</b>		Cross cut. Suitable for medium to fine precision work.
<b>Cut 3</b>		Cross cut. Suitable for fine precision work.
<b>Cut 4</b>		Cross cut. Suitable for very fine precision work.



### Classical industrial packaging

The oldest hand tool in the world is traditionally rolled into paper which protects it against corrosion. PFERD packs all standard file deliveries in robust industrial packaging.

Depending on the file length, we offer packaging units of  $\frac{1}{5}$  or  $\frac{1}{10}$  pieces.

These files are delivered without a handle.

### Advantages

- Robust packaging suited to the product.
- Coloured packaging labels mark the different file cuts.
- You can find the order no. and the EAN code on the packaging label.
- For the experienced user who has their own handle.



### PF - The PERFECT FILE

PFERD also offers from its wide-ranging programme a selection of the most commonly-used files in attractive protective sleeves for sales promotions (see fig).

Each file includes a handy, user-friendly ergonomic file handle. The PF packaging protects the file from corrosion.

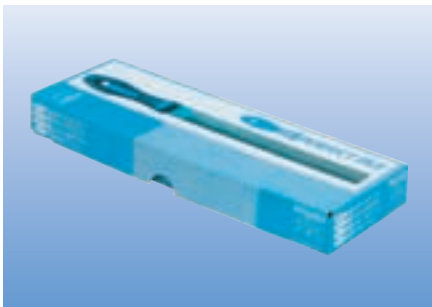
Files in PF packaging are marked in the catalogue and in the product tables with PF.

Machinist's files in PF packaging are highly suitable for sales-promoting presentations at a Point of Sale.

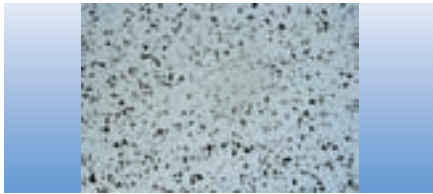
Our PF files are clearly labelled to help the customers find the file they need more quickly and can be attractively presented with the PFERD TOOL-CENTER.

### PF packaging - advantages

- Each file is delivered with the ergonomic file handle.
- Protective, individual packaging perfectly suited to the product.
- Individual labelling with barcode.
- Useful european standard holepattern for mounting and direct sale from your sales wall.
- Application information allows quick selection of products.
- Popular types can be positioned effectively at a point of sale.
- The superb product presentation of PFERD files supports you in selling brand-name quality tools.

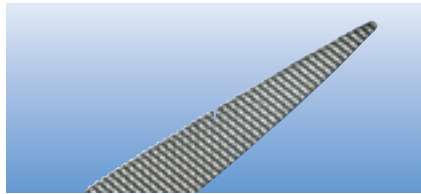


## Several criteria determine the quality of a PFERD product



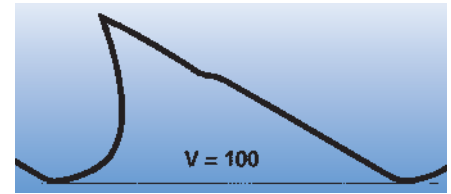
### An appropriate steel microstructure, essential for uniform hardness

The various production steps (profiling in the rolling mill, shaping of blanks and tangs, annealing processes prior to cutting, final heat treatment) each cause a change in the microstructure of the steel. Throughout these treatments, it is essential to maintain a high carbon content to ensure the requisite hardness and cutting performance of the file.



### Exact shape and uniform cut from tang to tip

Blanks acquire their exact shape, indispensable for an appropriate performance, through a series of forging and grinding operations. Equally spaced teeth and a uniform depth of cut ensure good filing results and surface finishes. The type and angle of the cut depend on the purpose for which the file is intended.



### Ideal tooth geometries for every application

Tooth forms suitable to a particular application ensure a uniform stock removal capability. There is no such thing as a standard tooth shape. Different cut geometries have been derived as the optimum solution to a variety of applications. The illustration shows a car body file profile with its typical rounded tooth face and large interspace.

The number of teeth of PFERD files listed in our catalogue 201 conforms to DIN 8349 requirements. The figure shows the number of cuts per cm of file length, counted in the longitudinal axis. For a double-cut file, the teeth number is determined by the upper cut (second course).

## Teeth number per cm of cut files according to DIN 8349

Length (without tang) [mm]	Machinist's files Cut number $\pm 8\%$			Sharpening files Cut numbers $\pm 5\%$					
	Cut 1-B Bastard	Cut 2 half-smooth	Cut 3-S smooth	regular	slim	Extra slim	Double Extra slim	Mill Saw Files	
								Cut 1	Cut 2
100	17	22	28	20	23	26	—	—	—
125	—	—	—	19	22	24	25	—	—
150	13	18	22	17	20	22	24	20	24
175	—	—	—	16	19	21	23	—	—
200	10	14	18	15	17	20	22	18	20
250	9	12	16	14	16	17	—	16	18
300	8	11	14	—	—	—	—	14	16
350	7	10	13	—	—	—	—	12	14

Cut 1 = coarse / Cut 2 = medium / Cut 3 = fine









### Colour code for the file cut

The individual cuts are additionally identified by colour-coded package labels.

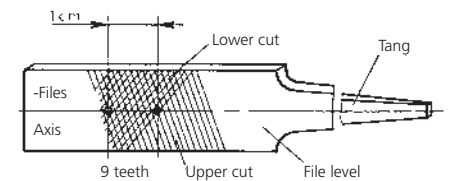
Cut 1 = green    Cut 2 = yellow    Cut 3 = red

<b>10 Flachstumpf</b> Plates à main	<b>10 Flachstumpf</b> Plates à main	<b>10 Flachstumpf</b> Plates à main
1112   250   1	1112   250   2	1112   250   3

## Overview of file designs according to DIN

	Shape symbol	Machinist's files	Sharpening files	Rasps	Cabinet files	Milled tooth files	Key files
Designation DIN		7261	7262	7263		7264	7283
Hand		A	E, F	A, B		A, E	A
Flat		B					B
Three square		C	A, B, C, D				C
Square		D				B	D
Half round		E		C, D	F	D, F	E
Round		F		E		C	F
Knife files		G	G				
Lathe files		H					

## Determination of teeth number



### Example:

At a length of 250 mm, a cut 1 file has 9 teeth/cm. A 100 mm long file of the same cut has 17 teeth/cm of file length. The higher number of teeth found on shorter files is intended to provide the same ease of use (in terms of force input, guidability and stock removal) on surfaces and edges as a longer tool.

## Dimensions



The cross-sectional dimensions indicated in the tables are measured across the cut and may vary depending on cut type. PFERD files are manufactured according to DIN and ISO standards.





### Hand Hand with handle (PF)



Rectangular file, tapered, cut on three sides, one edge uncut DIN 7261, shape A; cut 1 (for rough work, coarse stock removal), cut 2 (general use), cut 3 (prefinishing, smoothing, refining).

#### Application:



- Surface work
- Deburring
- Stock removal on rectangular geometries
- Filing of breakthroughs

#### Ordering note:

PF files are supplied with handle.

#### Ordering example:

EAN 4007220005606  
1112 100 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle	Incl. handle		
			1	2	3					
			EAN 4007220							

#### Industrial packaging (without handle)

1112	100	4	005606	005613	005620	12,0 x 2,5	FH 2	-	10	0,195
1112	150	6	005637	005644	005651	16,0 x 4,0	FH 3	-	10	0,765
1112	200	8	005668	005675	005682	20,0 x 5,0	FH 4/1	-	10	1,535
1112	250	10	005699	005705	005712	25,0 x 6,0	FH 4/1	-	10	2,960
1112	300	12	005729	005736	005743	30,0 x 6,5	FH 5/1	-	5	2,255
1112	350	14	005750	005767	-	35,0 x 7,5	FH 5/1	-	5	3,440

#### PF packaging (with handle)

PF 1112	150	6	541388	541432	541463	16,0 x 4,0	-	FH 3	5	0,585
PF 1112	200	8	541494	541524	541555	20,0 x 5,0	-	FH 4/1	5	1,100
PF 1112	250	10	541586	541623	541647	25,0 x 6,0	-	FH 4/1	5	1,795
PF 1112	300	12	541661	541678	541685	30,0 x 6,5	-	FH 5/1	5	2,750

### Flat Flat with handle (PF)



Rectangular file, tapered, with tang and cut on four sides; DIN 7261, shape B; cut 1 (rough work, coarse stock removal), cut 2 (general use), cut 3 (finishing, fine finishing).

#### Application:



- Surface work
- Deburring
- Stock removal on rectangular geometries
- Filing of breakthroughs

#### Ordering note:

PF files are supplied with handle.

#### Ordering example:

EAN 4007220005811  
1122 100 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle	Incl. handle		
			1	2	3					
			EAN 4007220							

#### Industrial packaging (without handle)

1122	100	4	005811	005828	005835	12,0 x 2,5	FH 2	-	10	0,185
1122	150	6	005842	005859	005866	16,0 x 4,0	FH 3	-	10	0,710
1122	200	8	005873	005880	005897	20,0 x 5,0	FH 4/1	-	10	1,425
1122	250	10	005903	005910	005927	25,0 x 6,0	FH 4/1	-	10	2,720
1122	300	12	005934	005941	005958	30,0 x 6,5	FH 5/1	-	5	2,100
1122	350	14	005965	-	-	35,0 x 7,5	FH 5/1	-	5	3,175

#### PF packaging (with handle)

PF 1122	150	6	669341	669358	669365	16,0 x 4,0	-	FH 3	5	0,520
PF 1122	200	8	669372	669389	669396	20,0 x 5,0	-	FH 4/1	5	0,963
PF 1122	250	10	669402	669419	669426	25,0 x 6,0	-	FH 4/1	5	1,615
PF 1122	300	12	669433	669440	669457	30,0 x 6,5	-	FH 5/1	5	2,395

### Three square Three square with handle (PF)



Triangular file, tapered, with tang and cut on three sides; DIN 7261, shape C; cut 1 (for rough work, coarse stock removal), cut 2 (general use), cut 3 (finishing, fine finishing).

#### Application:



- Surface work
- Deburring
- Filing of breakthroughs

#### Ordering note:

PF files are supplied with handle.

#### Ordering example:

EAN 4007220006603  
1132 100 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle	Incl. handle		
			1	2	3					
			EAN 4007220							

#### Industrial packaging (without handle)

1132	100	4	006603	006610	006627	8,0	FH 2	-	10	0,205
1132	150	6	006641	006658	006665	11,0	FH 3	-	10	0,590
1132	200	8	006672	006689	006696	15,0	FH 4	-	10	1,500
1132	250	10	006702	006719	006726	17,5	FH 5	-	10	2,500
1132	300	12	006733	006740	-	20,0	FH 5	-	5	1,970

#### PF packaging (with handle)

PF 1132	150	6	541692	541708	541715	11,0	-	FH 3	5	0,555
PF 1132	200	8	541722	541739	541746	15,0	-	FH 4	5	1,055
PF 1132	250	10	541753	541760	-	17,5	-	FH 5	5	1,575

### Square Square with handle (PF)



Square file tapered, tanged and cut on four sides; DIN 7261, shape D; cut 1 (rough work, coarse stock removal), cut 2 (general use), cut 3 (finishing, fine finishing).

#### Application:


- Filing of shapes
- Filing of breakthroughs

#### Ordering note:

PF files are supplied with handle.

#### Ordering example:

EAN 4007220006009  
1142 100 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle	Incl. handle		
			1	2	3					
			EAN 4007220							

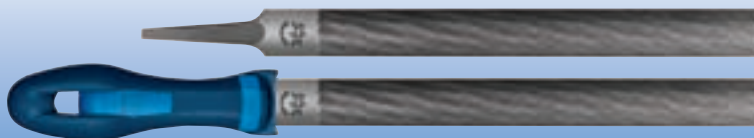
#### Industrial packaging (without handle)

1142	100	4	006009	006016	006023	4,0	FH 2	-	10	0,122
1142	150	6	006030	006047	006054	6,0	FH 3	-	10	0,430
1142	200	8	006061	006078	006085	8,0	FH 4	-	10	0,900
1142	250	10	006092	006108	006115	10,0	FH 4	-	10	1,630
1142	300	12	006122	006139	-	12,0	FH 5	-	5	1,630

#### PF packaging (with handle)

PF 1142	150	6	541777	541784	-	6,0	-	FH 3	5	0,480
PF 1142	200	8	541791	541807	-	8,0	-	FH 4	5	0,760
PF 1142	250	10	541814	541838	-	10,0	-	FH 4	5	1,200

### Half round Half round with handle (PF)



Outstanding stock removal. Tanged, cut on two sides; DIN 7261, shape E; available in three cuts: cut 1 (for rough work, coarse stock removal), cut 2 (general use), cut 3 (prefinishing, smoothing, refining).

#### Application:



- Surface work
- Use in radius areas
- Deburring
- Filing of breakthroughs
- Filing of half-round shapes

#### Ordering note:

PF files are supplied with handle.

#### Ordering example:

EAN 4007220006207  
1152 150 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle	Incl. handle		
			1	2	3					
			EAN 4007220							

#### Industrial packaging (without handle)

1152	150	6	006207	006214	006221	16,0 x 4,5	FH 3	-	10	0,590
1152	200	8	006238	006245	006252	20,0 x 6,0	FH 4/1	-	10	1,340
1152	250	10	006269	006276	006283	25,0 x 7,0	FH 4/1	-	10	2,470
1152	300	12	006290	006306	006313	30,0 x 8,5	FH 5/1	-	5	2,175
1152	350	14	006320	-	-	35,0 x 10,0	FH 5/1	-	5	3,460

#### PF packaging (with handle)

PF 1152	150	6	541845	541852	541869	16,0 x 4,5	-	FH 3	5	0,500
PF 1152	200	8	541876	541883	541890	20,0 x 6,0	-	FH 4/1	5	0,965
PF 1152	250	10	541906	541920	541937	25,0 x 7,0	-	FH 4/1	5	1,600
PF 1152	300	12	541944	-	-	30,0 x 8,5	-	FH 5/1	5	2,500

### Half round pointed Half round pointed with handle (PF)



Outstanding stock removal. Tapered, with tang, cut on two sides; similar to DIN 7261, shape E; available in three cuts: cut 1 (for rough work, coarse stock removal), cut 2 (general use), cut 3 (prefinishing, smoothing, refining).

#### Application:



- Surface work
- Stock removal in radius areas
- Deburring
- Filing of breakthroughs
- Filing of half-round shapes

#### Ordering note:

PF files are supplied with handle.

#### Ordering example:

EAN 4007220006160  
1152 SP 100 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle	Incl. handle		
			1	2	3					
			EAN 4007220							

#### Industrial packaging (without handle)

1152 SP	100	4	006160	006177	006184	10,4 x 2,5	FH 2	-	10	0,200
1152 SP	150	6	006955	006962	006979	16,0 x 4,5	FH 3	-	10	0,550
1152 SP	200	8	006986	006993	007006	20,0 x 6,0	FH 4/1	-	10	1,240
1152 SP	250	10	007013	007020	007037	25,0 x 7,0	FH 4/1	-	10	2,400
1152 SP	300	12	007044	007051	007068	30,0 x 8,5	FH 5/1	-	5	2,060
1152 SP	350	14	222355	-	-	35,0 x 10,0	FH 5/1	-	5	3,175

#### PF packaging (with handle)

PF 1152 SP	150	6	809877	809891	809907	16,0 x 4,5	-	FH 3	5	0,500
PF 1152 SP	200	8	809914	809921	809938	20,0 x 6,0	-	FH 4/1	5	0,925
PF 1152 SP	250	10	809952	809969	809976	25,0 x 7,0	-	FH 4/1	5	1,500
PF 1152 SP	300	12	810002	810019	810026	30,0 x 8,5	-	FH 5/1	5	2,400



### Round Round with handle (PF)



Outstanding stock removal due to the special PFERD spiral cut.  
Round file with tang and circumferential cut; DIN 7261, shape F; cut 1 (for rough work, coarse stock removal), cut 2 (general use), cut 3 (prefinishing, smoothing, refining).

#### Application:



- Stock removal in radius areas
- Deburring
- Filing of breakthroughs
- Filing of interior radius shapes

#### Ordering note:

PF files are supplied with handle.

#### Ordering example:

EAN 4007220**006405**  
1162 100 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle	Incl. handle		
			1	2	3					
			EAN 4007220							

#### Industrial packaging (without handle)

1162	100	4	006405	006412	006429	4,0	FH 2	-	10	0,120
1162	150	6	006467	006474	006481	6,0	FH 3	-	10	0,395
1162	200	8	006498	006504	006511	7,5	FH 4	-	10	0,775
1162	250	10	006528	006535	006542	9,5	FH 4	-	10	2,170
1162	300	12	006559	006566	006573	12,0	FH 5	-	5	1,422
1162	350	14	006580	-	-	15,0	FH 5	-	5	2,020

#### PF packaging (with handle)

PF 1162	150	6	541951	541968	541982	6,0	-	FH 3	5	0,410
PF 1162	200	8	541999	542002	542019	7,5	-	FH 4	5	0,690
PF 1162	250	10	542026	542040	542057	9,5	-	FH 4	5	1,085
PF 1162	300	12	542064	-	-	12,0	-	FH 5	5	1,700

### Knife files





Triangular files with knife profile, tanged, cut on two sides and the narrow edge; shape G according to DIN 7261; cut 1 (for rough work, coarse stock removal), cut 2 (general use), cut 3 (finishing, fine finishing).

#### Application:

- Surface work
- Deburring
- Shaping and refining of acute-angled geometries
- Stock removal on narrow geometries
- Filing of breakthroughs

#### Ordering example:

EAN 4007220**006801**  
1172 150 mm C2

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle		
			1	2	3				
			EAN 4007220						

#### Industrial packaging (without handle)

1172	150	6	-	006801	006818	16,0 x 5,2 x 1,25	FH 3	10	0,690
1172	200	8	006825	006832	006849	20,0 x 6,4 x 1,50	FH 4	10	1,300
1172	250	10	006856	006863	-	25,0 x 7,9 x 1,75	FH 4	10	2,400

# Files for the Workshop

## Machinist's Files, DIN Series



### PFERD PLUS® files hand-type with handle



Due to their versatile, general-purpose characteristics, these files are often used in hobby and DIY workshops.

Are characterised by:

- Outstanding stock removal due to spade-shaped teeth, requiring minimum effort in use.
- Broad chip breakers preventing loading problems when filing soft materials.

Rectangular file tanged, and ergonomic file handle, cut on three sides, one edge uncut similar to DIN 7261, shape A available in a special (PFERD PLUS) cut.

#### Application:

- Surface work
- Deburring
- Shaping or refining of rectangular geometries
- Filing of breakthroughs

#### Ordering example:

EAN 4007220542071

PF 1112 PLUS 200 mm PLUS-cut

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Incl. handle		
PF 1112 PLUS	200	8	PLUS-cut	542071	20,0 x 5,0	FH 4/1	5	1,100
PF 1112 PLUS	250	10	PLUS-cut	542095	25,0 x 6,0	FH 4/1	5	1,660
PF 1112 PLUS	300	12	PLUS-cut	006948	30,0 x 6,5	FH 5/1	5	2,465

### Machinist's files in plastic pouch



PFERD offers an extensive range of tried and tested quality file sets for industry and craftsmen in protective, robust and climate-resistant PVC plastic pouches. Superb for every tradesman's or mechanic's tool kit.

Each file comes with a matching ergonomic file handle.

PFERD also provides the plastic pouches with files which are 200 and 250 mm in length in box packaging for sales promotion.

#### Ordering note:

- WR = Machinist's files in plastic pouch
- WRU = Machinist's files in plastic pouch with box packaging



#### Ordering example:

EAN 4007220011409

520 WR 200 mm

### Machinist's files in plastic pouch with box packaging



Order No.	Type		Content (each file with appropriate ergonomic handle)		
	WR	WRU			
	EAN 4007220				
520 ... 200 mm	011409	807965	1112 200 mm C1, 1142 200 mm C1, 1152 200 mm C1, 1162 200 mm C1, 1552 200 mm C2	1	0,970
531 ... 200 mm	011416	807972	1112 200 mm C1, 1132 200 mm C1, 1142 200 mm C1, 1152 SP 200 mm C1, 1162 200 mm C1	1	0,860
532 ... 200 mm	011423	807989	1112 200 mm C2, 1132 200 mm C2, 1142 200 mm C2, 1152 SP 200 mm C2, 1162 200 mm C2	1	0,860
533 ... 200 mm	011430	807996	1112 200 mm C3, 1132 200 mm C3, 1142 200 mm C3, 1152 SP 200 mm C3, 1162 200 mm C3	1	0,860
541 ... 250 mm	011447	808009	1112 250 mm C1, 1132 250 mm C1, 1142 250 mm C1, 1152 SP 250 mm C1, 1162 250 mm C1	1	1,250
542 ... 250 mm	011454	808016	1112 250 mm C2, 1132 250 mm C2, 1142 250 mm C2, 1152 SP 250 mm C2, 1162 250 mm C2	1	1,250
543 ... 250 mm	011461	808023	1112 250 mm C3, 1132 250 mm C3, 1142 250 mm C3, 1152 SP 250 mm C3, 1162 250 mm C3	1	1,250
551 ... 300 mm	011478	-	1112 300 mm C1, 1132 300 mm C1, 1142 300 mm C1, 1152 SP 300 mm C1, 1162 300 mm C1	1	1,990
552 ... 300 mm	011485	-	1112 300 mm C2, 1132 300 mm C2, 1142 300 mm C2, 1152 SP 300 mm C2, 1162 300 mm C2	1	1,990
555 ... 200/300 mm	011508	-	1112 200 mm C1, 1112 200 mm C2, 1112 200 mm C3, 1112 300 mm C1, 1112 300 mm C2, 1112 300 mm C3	1	2,150

This file is specifically designed to meet the needs of DIY users. Its professional quality makes this product very versatile.

Due to their high precision and cutting performance, these files meet the highest standards of quality and longevity.

Supplied in an attractive cardboard box. Each file comes with matching ergonomic handle.

Each set consists of one file  
 ■ PF 1512 VZ 200 mm C1, file rasp  
 ■ PF 1152 200 mm C1, half round file  
 ■ PF 1212 VZ 200 mm C1, mill saw file

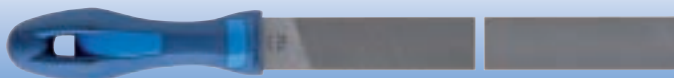
### File set



Order No.	EAN 4007220		
PF-Set 300 200 mm	008515	1	0,600



## Special Files

### Hobby file

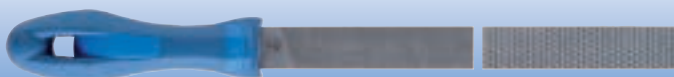


Due to the different cut patterns on the front and back sides, these file rasps are highly versatile (rough work and sharpening).

Rectangular file, tanged, with ergonomic file handle and cut on three sides; Cross cut on front side (cut 1 – for rough work), single cut on back side (cut 2 – for sharpening) and one cut edge.



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Incl. handle		
PF 1212 VZ	200	8	Cross cut 1/single cut 2	542293	25,0 x 4,5	FH 4/1	5	1,300

### File rasp

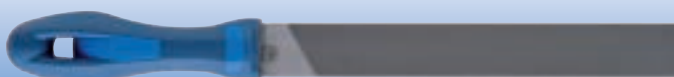


Due to the different cut patterns on the front and back sides, these file rasps are highly versatile (rough work and sharpening).

Rectangular file, tanged, with ergonomic file handle, cut on three sides; Cross cut on front side (cut 1), rasp cut on back side (cut 1) and one cut edge.



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Incl. handle		
PF 1512 VZ	200	8	Cross cut 1/rasp cut 1	542149	20,0 x 5,0	FH 4/1	5	1,100

### Universal sharpening file



Suitable for general sharpening of cutting tools, and is often referred to as a lawnmower file.

Rectangular file, tanged, with ergonomic file handle, single cut on both sides, with rounded, uncut narrow edges.

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Incl. handle		
PF 1212 ruk	200	8	Single cut 2	542286	25,0 x 4,5	FH 4/1	5	1,130



### Fitter's file



Specially developed for general use on a broad range of materials. They are effective even on synthetic resin fillers and wood with nails.

Superb for tough work, deburring and for dressing brazed and soldered joints. The different tooth patterns on the front and back side make these files particularly versatile.

Rectangular file with tang and ergonomic handle, milled teeth, angular tooth pattern with chip breaker on front side, radial teeth on back, smooth edges.

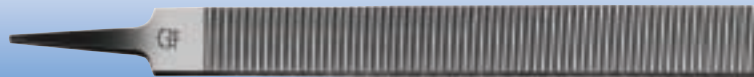
Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Incl. handle		
PF 611	250	10	Radial 1/straight 2	542309	24,0 x 6,2	FH 4/1	5	2,900

PFERD files for deburring, chamfering, rough work and finishing of soft metals.

The cutting geometry has been specially adapted to the processing requirements of soft, lubricating materials to prevent the files from clogging.

Saves labour and produces a good surface.

### Files for aluminium Hand





Rectangular file, tanged, and cut on three sides, one edge uncut; similar to DIN 7261, shape A; available in special cut 0.

#### Application:

- Surface work
- Deburring
- Shaping and refining of rectangular geometries

#### Ordering example:

EAN 4007220005798  
1612 w 250 mm C0

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1612 w	250	10	0	005798	25,0 x 6,0	FH 4/1	10	2,960
1612 w	300	12	0	005804	30,0 x 6,5	FH 5/1	5	2,800

### Files for aluminium Half round



Provide outstanding stock removal due to the special proprietary spiral cut on the half-round side.



Half round file, tanged, cut on two sides; similar to DIN 7261, shape E; available in cut 0 (special cut).

#### Application:

- Surface work
- Deburring
- Shaping and refining of rectangular break-throughs
- Filing of half-round shapes

#### Ordering example:

EAN 4007220006375  
1652 w 250 mm C0

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1652 w	250	10	0	006375	25,0 x 7,0	FH 4/1	10	2,470
1652 w	300	12	0	006399	30,0 x 8,5	FH 5/1	5	2,175

### Files for plastics



These PFERD files are preferably used for deflashing plastics. The cross cut of the hand-type file (1312) provides particularly effective material removal.



Rectangular file, tanged, and cut on three sides.

#### Industry / target group:

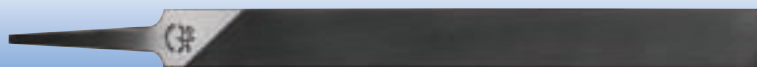
■ Plastic and rubber processing industry

#### Ordering example:

EAN 4007220**006887**  
1312 150 mm Cross cut

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1312	150	6	Cross cut	006887	16,0 x 2,8	FH 3	10	0,510
1312	200	8	Cross cut	006894	20,0 x 3,5	FH 4/1	10	0,900

### Lathe files





These files are used by lathe operators to deburr turned parts.

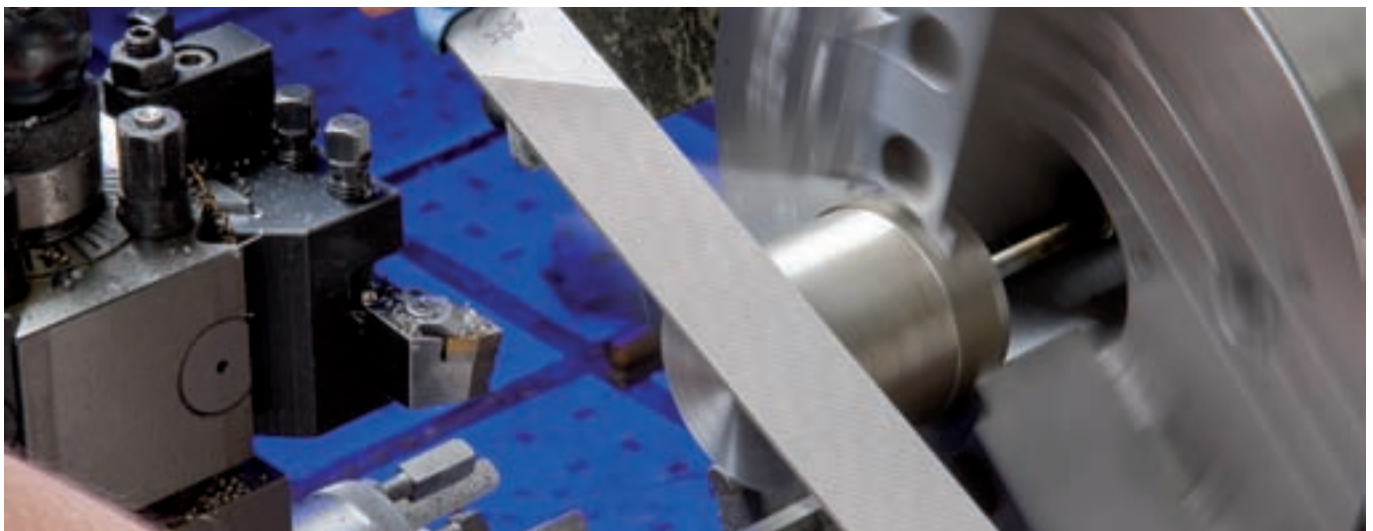
Opposed direction of the (single) cut on the front and back side forces the file away from the chuck during lathe work, improving safety.

#### Ordering example:

EAN 4007220**011713**  
1612 DE 250 mm C1

Rectangular file, tanged, and cut on two sides, two edges uncut; DIN 7261, shape H; available in PFERD special cut (single cut).

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1612 DE	250	10	1	011713	25,0 x 6,0	FH 4/1	10	2,960
1612 DE	300	12	1	011720	30,0 x 6,5	FH 5/1	5	2,255



These are small files for light and delicate tasks, especially in tool and mouldmaking. PFERD produces the different file shapes according to DIN 7283 specifications.

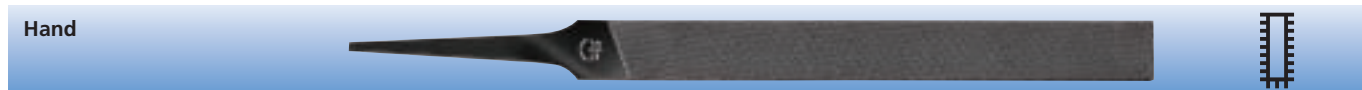
### Operation



- Deburring
- Shaping and refining rectangular geometries
- Filing of cut-outs
- Surface machining

### Ordering example:



EAN 4007220**10624**  
1117 100 mm C2

The PF design is supplied with handle.





Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1117	100	4	2	010624	10,0 x 1,4	FH 2	10	0,118
1117	150	6	2	010648	16,0 x 1,8	FH 2	10	0,375
PF 1117	100	4	2	009154	10,0 x 1,4	-	10	0,320





Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1127	100	4	2	010532	10,0 x 1,4	FH 2	10	0,115
1127	150	6	2	010563	16,0 x 1,8	FH 2	10	0,300





Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1137	100	4	2	010693	5,0	FH 2	10	0,105





Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1147	100	4	2	010716	3,0	FH 2	10	0,088
PF 1147	100	4	2	009185	3,0	-	10	0,295



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1157	100	4	2	010655	9,0 x 3,0	FH 2	10	0,135
PF 1157	100	4	2	009192	9,0 x 3,0	-	10	0,350



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1167	100	4	2	010679	3,0	FH 2	10	0,075
PF 1167	100	4	2	009208	3,0	-	10	0,240



### Contents:



Six key files with the following profiles:

- Hand (1117)
- Flat (1127)
- Three square (1137)
- Square (1147)
- Half round (1157)
- Round (1167)

Supplied with quick-mounting handle No. 210 in plastic pouch.

### Key file set 265 A



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220		
265 A	100	4	2	011386	1	0,099

### Contents:



Six key files with the following profiles:

- Hand (1117)
- Flat (1127)
- Three square (1137)
- Square (1147)
- Half round (1157)
- Round (1167)

Supplied with mounted wooden handles, in plastic pouch.

### Key file set 265 B



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220		
265 B	100	4	2	011393	1	0,130

### Contents:



Six key files with the following profiles:

- Hand (1117)
- Flat (1127)
- Three square (1137)
- Square (1147)
- Half round (1157)
- Round (1167)

Supplied with mounted wooden handles in a metal box.

### Key file set 265 K



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220		
265 K	100	4	2	011362	1	0,150

## Tungsten Point File



### Tungsten point file



Very thin files. Their slim shape makes them particularly suitable for use on electrical contact points and in narrow grooves and slots.

The punched handle eliminates the need for an additional handle.

Rectangular file with flat handle, cut on two sides; similar to DIN 7283, shape A; available in cut 2.

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]		
1118 A	100	4	2	010747	8,0 x 0,8	10	0,096

# Car Body Files

## Car Body File Blades



### PFERD car body files – perfect not just for automotive body work

These files are ideal for **any type of sheet metal work** requiring a particularly smooth and scratch-free finish. Since the file leaves no scratch marks, the filed surface can be painted immediately, without any prior polishing.

In the hands of the professional user, PFERD milled car body files provide exceptional stock removal rates and unsurpassed surface quality due to the following features:

- positive rake angle
- uniquely convex surface
- unsurpassed sharpness of teeth

#### Ideal tooth geometry

The teeth of our car body files are milled from the solid metal, as distinct from the usual cutting process.

Each tooth is designed to ensure that the chip rolls up before the rounded tooth face and is forced into the large chip space. – A special finishing treatment produces razor-sharp tooth edges for outstanding stock removal performance. Available in five different cut types and one cut.

#### Convex shape prevents formation of scratch marks!

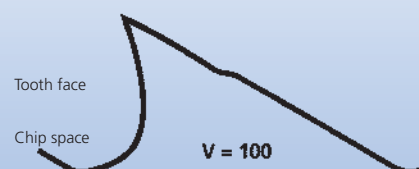
One key advantage of these car body files is their convex cross section. The cutting area is not flat, but higher in the middle than around the file edges. The height difference is about 0,4 mm.

This special feature prevents the edges of the file from coming into contact with the work-piece, thus preventing undesired scratches in the product surface.

#### Ordering example:

EAN 4007220**016183**  
299 b 300 mm C1

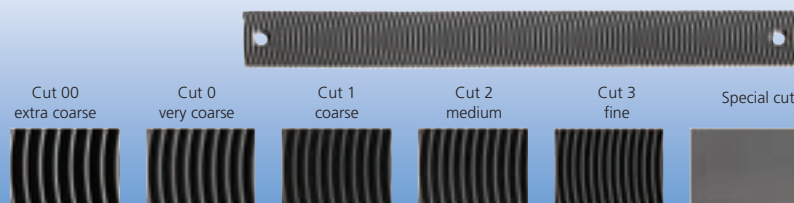
#### Cross-section of a file tooth 10 times enlarged





#### Cross section of a car body file Convex shape



#### Car body file blades



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Teeth per [inch]		
299 b	300	12	1	016183	31,0 x 5,4	9	1	0,230
299 b	300	12	2	016190	31,0 x 5,4	10	1	0,230
299 b	300	12	3	016206	31,0 x 5,4	12	1	0,230
299 b	350	14	00	016268	36,0 x 6,6	7	1	0,320
299 b	350	14	0	016220	36,0 x 5,8	8	1	0,320
299 b	350	14	1	016237	36,0 x 5,4	9	1	0,320
299 b	350	14	2	016244	36,0 x 5,4	10	1	0,320
299 b	350	14	3	016251	36,0 x 5,4	12	1	0,320
299 e	350	14	Special cut	016312	36,0 x 4,9	-	1	0,463

#### Adjustable holders for car body files





This ergonomic holder permits convenient tensioning of car body file blades to match the surface contour of the workpiece.

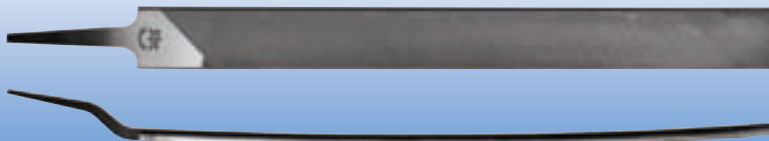
Lightweight but rugged die-cast aluminium structure, available in two sizes.

The file bending radius can be steplessly adjusted via the tensioning system.



Order No.	EAN 4007220	Suitable for file length [mm]	Suitable for file length [inch]		
BH 125/300	016374	300	12	1	0,628
BH 125/350	016381	350	14	1	0,666



### Car body files, tanged type



Rectangular, curved longitudinal and transverse (convex) files, tanged, cut on one side, and available in different cuts.

These files require no file holder, i.e. they can be used with a handle.

**Ordering example:**  
EAN 400722000**16282**  
299 c 350 mm Cross cut 1

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
299 c	350	14	Cross cut 1	016282	34,5 x 7,6	FH 5/1	5	3,350
299 c	350	14	Cross cut 3	016299	34,5 x 7,6	FH 5/1	5	3,350

## Paint Peeler

Used for fine finishing of the smallest painted surfaces when working on cars, car bodies and trailers. Their compact design makes them suitable for use in hard-to-reach areas.

The crowned shape prevents scratches. Precision-cut, razor-sharp teeth with an ideal geometry provide a very high quality score-free surface finish. Peeled surfaces can be painted or processed right away.

The blade can be used on both sides and is mounted in a plastic holder. The peeling depth is fine-adjustable via two set screws.

#### Application:

- Correcting defects in paintwork, e.g. foreign matter, dust particles or air bubbles
- Peeling off very thin paint layers

### Paint peeler



Order No.	Cut	EAN 4007220	Replacement file		
LAH	3	016428	LAHF 50	1	0,120



Replacement file for paint peeler.

### Square file for paint peelers



Order No.	Cut	EAN 4007220	Dimension [mm]		
LAHF 50	3	016329	50 x 36 x 4,8	10	0,470



# Milled Tooth Files

## Milled Tooth Files, Tanged Type

Are suitable for coarse stock removal on soft metals such as non-hardened steel, grey cast iron, copper and brass.

The highly-abrasive milled tooth geometry with large flutes prevents loading problems.

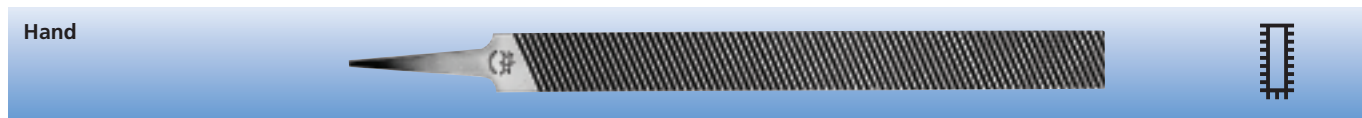
### Ordering note:

Available cuts

1 = coarse

2 = medium

3 = fine



Rectangular file, tanged, cut on three sides, angular cut with chip breaker on the flat sides, straight cut on the wide edge, available in various lengths and cuts.



### Application:

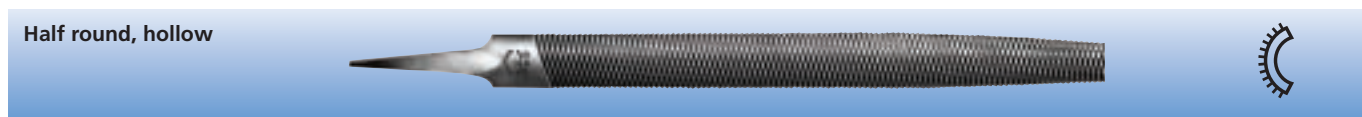
- Work on surfaces
- Deburring
- Shaping and refining rectangular geometries

### Ordering example:

EAN 40072200**15636**

290 250 mm C1

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle		
			1	2	3				
			EAN 4007220						
290	250	10	015636	015643	-	25,0 x 5,5	FH 4/1	10	2,700
290	300	12	015650	015667	015674	30,0 x 5,8	FH 5/1	5	1,890
290	350	14	015681	015698	-	36,0 x 7,0	FH 5/1	5	3,450



Half round, hollow file, tapered to the tip, tanged, straight cut with chip breaker on half-round side only. Available in two lengths.



### Application:

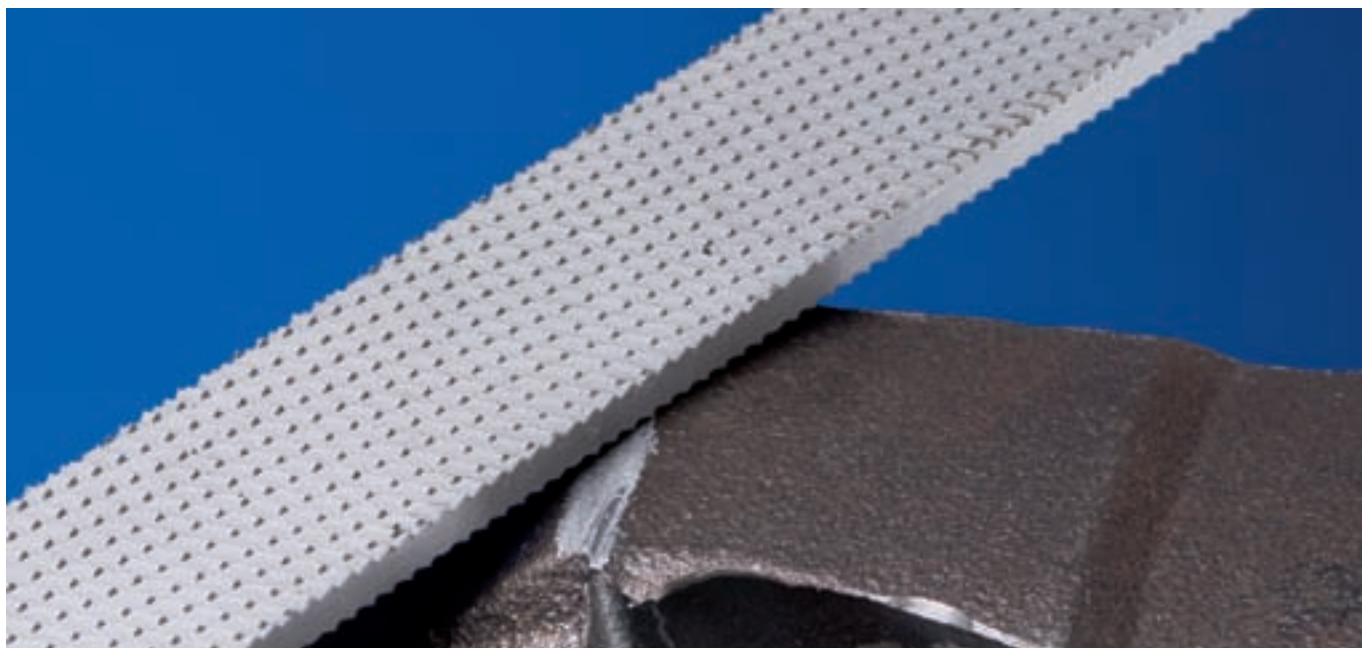
- Use in radius areas
- Deburring
- Filing of half-round sections

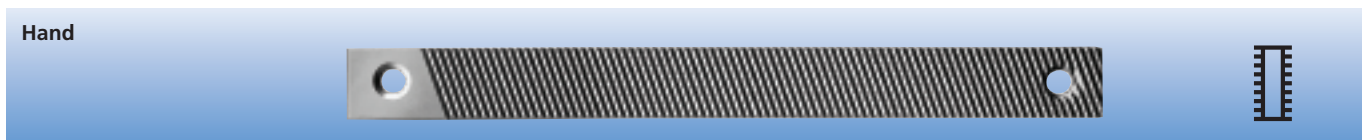
### Ordering example:

EAN 40072200**15711**

295 250 mm C1

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
295	250	10	1	015711	23,0 x 7,0	FH 4/1	10	1,750
295	300	12	1	015735	27,0 x 9,0	FH 5/1	5	1,120







Rectangular file with two holes for mounting in a file holder. Straight cut with chip breaker on flat sides.

Available in various lengths and cuts.

**Ordering example:**  
EAN 4007220015834  
296 300 mm C1

Order No.	Length [mm]	Length [inch]	Cuts		Cross-section [mm]	Suitable holders		
			1	2				
			EAN 4007220					
296	300	12	015834	015841	31,0 x 5,0	296a/300	5	1,150
296	350	14	015858	015865	36,0 x 5,5	296a/350	5	1,600



## Holders for File Blades



This reusable, ergonomically shaped file holder gives optimum tool control and best filing results. The file can be changed quickly without special tools.

The holder can also be used for car body file blades. Handy cranked design, comes in two sizes for all available PFERD milled-tooth file blades.

**Ordering example:**  
EAN 4007220015896  
296a/300

Order No.	EAN 4007220	Suitable for	Matching handle		
296a/300	015896	296 300 mm	FH 5/1	1	0,220
296a/350	015902	296 350 mm	FH 5/1	1	0,330

## Universal Chamfer File

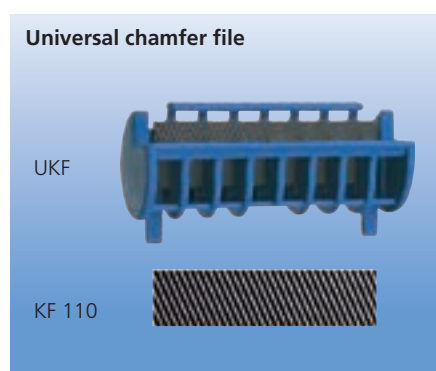
Suitable for easy and fast removal of burrs on workpiece edges. Also excellent for sharpening ski edges.



The special mounting system of PFERD universal chamfer files ensures easy tool control and a precisely rectangular application to the workpiece.

Rectangular file in special plastic holder, angular cut on both sides.

KF 110 C2 replacement file for universal chamfer file.

**Ordering example:**  
EAN 4007220016008  
UKF C2



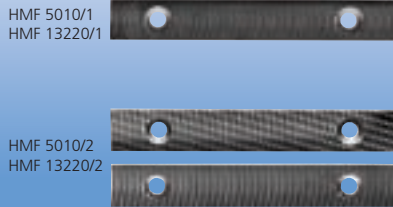
Order No.	Cuts	EAN 4007220	Replacement file		
UKF	2	016008	KF 110	1	0,230
KF 110	2	015995	-	10	0,930

# Tungsten Carbide Files

## Tungsten Carbide Files



### Tungsten carbide files, flat type



Suitable for use on planar, convex and concave surfaces.

The unique radial and convex cut pattern of grooves ensures best filing results.

Tungsten carbide files without chip breaker produce a very high-quality finish. With chip breakers, they can achieve high stock removal. Tungsten carbide files can be re-sharpened by grinding.

#### HMF 5010/1, HMF 13220/1

Rectangular files, in longitudinal and transverse direction (convex), toothed on one side.

#### HMF 5010/2, HMF 13220/2

Rectangular file, in transverse direction (convex), with cut on two sides, one of which has chip breakers.

#### Ordering note:

Holders for tungsten carbide files (HMFH) must be ordered separately in each case.

#### Ordering example:

EAN 4007220016435

HMF 5010/1

Order No.	EAN 4007220	Dimension [mm]	Teeth per [cm]	Teeth per [inch]	Chip breaker	Suitable holders		
HMF 5010/1	016435	50 x 10 x 5	10,0	25	without	HMFH 50	1	0,034
HMF 5010/2	016442	50 x 10 x 5	6,5	17	1 side without, 1 side with	HMFH 50	1	0,034
HMF 13220/1	016473	132 x 20 x 7	6,5	17	without	HMFH 132	1	0,284
HMF 13220/2	016480	132 x 20 x 7	5,0	13	1 side without, 1 side with	HMFH 132	1	0,284

### Tungsten carbide files, round type



Suitable for work on concave shapes and for refining inner radii (e.g. drip edges). Their unique tooth geometry ensures optimum results.

Round tungsten carbide files with circumferential cut. The mounting system in the HMFH 51 R holder allows the file to be rotated about its own axis in 60° steps. Each tungsten carbide file can thus be used over 360° of its surface.

#### Ordering example:

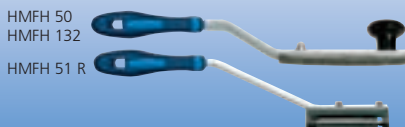
EAN 4007220016459

HMF 1050

Order No.	EAN 4007220	Dimension [mm]	Teeth per [cm]		
HMF 1050	016459	10 ø x 50	8	1	0,050
HMF 1250	016466	12 ø x 50	8	1	0,075

## Holders for Tungsten Carbide Files

### Holders for tungsten carbide files



Reusable, ergonomically-designed file holders with the PFERD ergonomic file handle give optimum tool control for the best filing results. Tool can be changed quickly. Easy-to-use, cranked holders come in three types.

#### Ordering note:

Tungsten carbide files (HMF) must be ordered separately in each case.

#### Ordering example:

EAN 4007220016398

HMFH 50

Order No.	EAN 4007220	Suitable tungsten carbide files		
HMFH 50	016398	HMF 5010/1, HMF 5010/2	1	0,050
HMFH 132	016411	HMF 13220/1, HMF 13220/2	1	0,125
HMFH 51 R	016404	HMF 1050, HMF 1250	1	0,095



Produced in the following shapes: Slim, extra slim, ultra-slim tapers according to DIN 7262.

Triangular file, tapering at tip, tanged and cut on three sides and three edges. Available in various lengths.

### Ordering note:

The PF design is delivered with handle.



### Ordering example:

EAN 4007220**010310**  
1232 125 mm C2





### Saw files, regular tapers



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1232	125	5	2	010310	10,0	FH 3	10	0,534
1232	150	6	2	010327	12,0	FH 3	10	0,838
1232	250	10	2	010358	18,0	FH 4	10	2,552
PF packaging (with handle)								
PF 1232	125	5	2	542347	10,0	-	5	0,330
PF 1232	150	6	2	542354	12,0	-	5	0,550



### Saw files, slim tapers



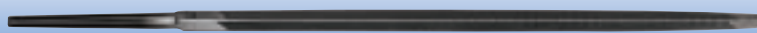
Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1237	100	4	2	010365	6,0	FH 2	10	0,148
1237	125	5	2	010389	7,0	FH 2	10	0,240
1237	150	6	2	010396	8,5	FH 3	10	0,452
1237	175	7	2	010402	10,0	FH 4	10	0,598
1237	200	8	2	010419	12,0	FH 4	10	1,060
PF packaging (with handle)								
PF 1237	125	5	2	542361	7,0	-	5	0,285
PF 1237	150	6	2	542378	8,5	-	5	0,410



### Saw files, extra slim tapers



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1238	100	4	2	010426	5,0	FH 2	10	0,116
1238	150	6	2	010457	7,0	FH 2	10	0,336
PF packaging (with handle)								
PF 1238	150	6	2	542408	7,0	-	5	0,355

### Saw files, ultra-slim tapers



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1239	125	5	2	328286	4,7	FH 2	10	0,160
1239	200	8	2	328316	8,0	FH 3	10	0,695

# Sharpening Files



## Three Square Saw Files



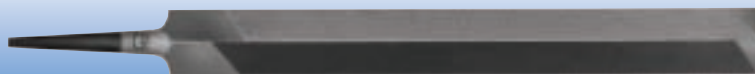
### Fine saw file





Triangular file with knife profile, tanged, cut on two sides and on the narrow edge.

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
340	110	4 1/2	2	011157	6,5 x 4,8	FH 2	10	0,195
PF packaging (with handle)								
PF 340	110	4 1/2	2	542415	6,5 x 4,8	-	5	0,310

### Cantsaw file



Triangular file, tanged, with cut on three sides, non-equilateral triangular cross-section.

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1230	200	8	2	011171	19,5 x 11	FH 4	10	2,180



### Band saw files



Triangular file, tapered, tanged, cut on three sides and rounded edges; shape D according to DIN 7262; available in three lengths.

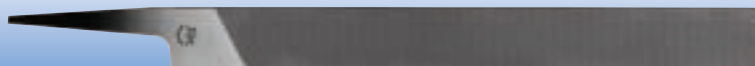
Suitable for sharpening saw chains.

**Ordering example:**  
EAN 4007220**011096**  
1231 150 mm C2

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1231	150	6	2	011096	14,6	FH 3	10	0,804
1231	175	7	2	011102	15,5	FH 4	10	1,094
1231	200	8	2	011119	17,0	FH 4	10	2,122

## Knife Sharpening Files



### Knife sharpening files



Triangular files knife blade profile, tanged, cut on both wide sides and on the narrow edge; shape G according to DIN 7262; available in two lengths.

**Ordering note:**  
The PF type is supplied with handle.



**Ordering example:**  
4007220**010853**  
1272 200 mm C2

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1272	200	8	2	010853	20 x 6,4 x 1,50	FH 4/1	10	1,300
1272	250	10	2	010860	25 x 7,9 x 1,75	FH 4/1	10	2,400
PF packaging (with handle)								
PF 1272	200	8	2	542385	20,0 x 6,4 x 1,5	-	5	0,950

### Featheredge file

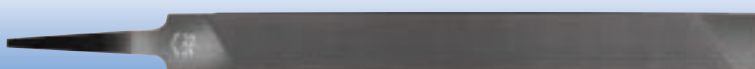


File with rhomboid cross-section (featheredge profile), tanged, cut on four sides.

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
305	200	8	2	010884	25,0 x 6,0	FH 4/1	10	1,330

## Mill Saw Files



### Mill saw files



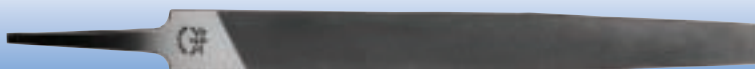
Rectangular file, tanged, in three designs: With two straight edges (1212), with one round and one straight edge (1212 gr), and with

two round edges (1212 r); cut on four sides. Shape E according to DIN 7276. Available in different lengths.

**Ordering example:**  
EAN 4007220**010914**  
1212 200 mm C2



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
Industrial packaging (without handle)								
1212	200	8	2	010914	20,0 x 3,5	FH 4/1	10	1,000
1212	250	10	2	010921	25,0 x 4,5	FH 4/1	10	1,850
1212	300	12	2	010938	30,0 x 5,0	FH 5/1	10	3,100
1212 gr	150	6	2	010945	16,0 x 3,0	FH 3	10	0,520
1212 gr	200	8	2	010952	20,0 x 3,5	FH 4/1	10	1,000
1212 gr	250	10	2	010976	25,0 x 4,5	FH 4/1	10	1,850
1212 gr	300	12	2	010983	30,0 x 5,0	FH 5/1	10	3,100
PF packaging (with handle)								
PF 1212 gr	200	8	2	542248	20,0 x 3,5	-	5	0,820
Industrial packaging (without handle)								
1212 r	200	8	2	011003	20,0 x 3,5	FH 4/1	10	1,000
1212 r	250	10	2	011027	25,0 x 4,5	FH 4/1	10	1,850
1212 r	300	12	2	011034	30,0 x 5,0	FH 5/1	10	3,100
PF packaging (with handle)								
PF 1212 r	200	8	2	542255	20,0 x 3,5	-	5	0,820
PF 1212 r	250	10	2	542279	25,0 x 4,5	-	5	1,245

### Mill saw files US type 1212 SP ("Mill file")



Rectangular file, tapered, with tang, cut on four sides; similar to shape E according to DIN 7262. Available in various cuts and lengths.

**Ordering example:**  
EAN 4007220**011546**  
1212 SP 150 mm C1

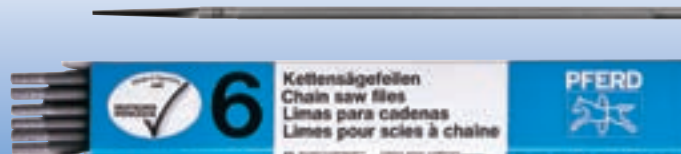
Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle		
			1	2	3				
			EAN 4007220						
1212 SP	150	6	011546	-	011560	16,0 x 3,0	FH 3	10	0,445
1212 SP	200	8	011577	011584	011591	20,0 x 3,5	FH 4/1	10	0,900
1212 SP	250	10	011607	011614	011621	25,0 x 4,5	FH 4/1	10	1,670
1212 SP	300	12	011638	011645	011652	30,0 x 5,0	FH 5/1	10	2,790

# Sharpening Files

## Chain Saw Files



### Chain saw files



These chain saw files have a high-precision spiral cut for outstanding sharpness and ultra-long tool life.

For fast, score-free sharpening of saw teeth. In comparison to machine sharpening these files remove stock sparingly without undue loads on the metal.

In addition to our proven and tested "Regular" spiral cut, PFERD offers a product with a finer spiral cut referred to as "Smooth Cut".

"Smooth Cut" provides a softer and gentler sharpening action since it removes less metal from the chainsaw tooth on each stroke. This is appreciated by professional users who prefer less abrasive filing.

Round files, with tang and spiral cut, available in nine diameters suitable for all common saw chains and in different packaging units.

### Recommendation for use:



Two to three file strokes are enough for normal sharpening. Stock removal is kept to the necessary minimum to preserve the chain and increase its service life.

Chain saw file 412, files-dia. 3,5 mm, is produced with a round, cylindrical tang.

### Ordering example:

EAN 4007220005194

412 200 mm dia. 3,5 mm Standard cut

Order No.	Length [mm]	Length [inch]	Dia. [mm]	Dia. [Inch]	Cuts		Suitable tangs		
					Standard	Smooth Cut			
					EAN 4007220				
412	200	8	3,5	9/64	005194	-	FH 2	6	0,091
412	200	8	4,0	5/32	005217	629079	FH 2	6	0,130
412	200	8	4,5	11/64	005224	629086	FH 2	6	0,163
412	200	8	4,8	3/16	005231	629093	FH 2	6	0,185
412	200	8	5,16	13/64	005248	629109	FH 2, HKSF 100	6	0,214
412	200	8	5,5	7/32	005255	629116	FH 2, HKSF 100	6	0,243
412	200	8	6,3	1/4	005262	-	FH 2, HKSF 100	6	0,319
412	200	8	7,0	9/32	005279	-	FH 3, HKSF 100	6	0,394
412	200	8	7,9	5/16	005286	-	FH 3, HKSF 100	6	0,502

### Packing system for PFERD chain saw files

(1) 

(2) 

(3) 

(4) 

### ■ Pack of 6 (1)

6 pcs. chain saw files

### ■ Display box (2)

60 pcs. chain saw files

= 10 pcs. packs of 6

### ■ Box (3)

600 pcs. chain saw files

= 10 pcs. display boxes of 60

### ■ Wooden crate (4)

1.200 pcs. chain saw files

= 2 pcs. boxes of 600 (100 dozen)



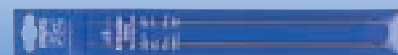
Two files in a sales-promoting "skin" pack with European standard hole pattern.

Available file diameters:

- 4,0 mm
- 4,8 mm
- 5,5 mm.

**Ordering example:**  
EAN 4007220005408  
4122 SK-4,0 200 mm

### Chain saw files, skin packed



Order No.	Length [mm]	EAN 4007220	Dia. [mm]		
4122 SK-4.0	200	005408	4,0	20	1,100
4122 SK-4.8	200	005415	4,8	20	1,510
4122 SK-5.5	200	005422	5,5	20	1,860

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



Suitable for the following file diameters:

- 5,16 mm
- 5,5 mm
- 6,3 mm
- 7,0 mm
- 7,9 mm

**Ordering example:**  
EAN 4007220015407  
HKSF 100/10

### Special handles for chain saw files



Order No.	EAN 4007220	Overall length [mm]		
HKSF 100/10	015407	100	10	0,300
HKSF 100/100	015391	100	100	3,000

Suitable for keeping the chain tooth at the correct angle when sharpening.

Defining an angle of 30° and 35°, the gauge mounts on the pin of the FH 1 KSF file handle. Please observe your saw chain specifications.

**Ordering note:**  
Please order ergonomic file handle FH 1 KSF separately.



### Chain saw sharpening gauge, ergonomic file handle

KSSL



FH 1 KSF



Order No.	EAN 4007220		
KSSL	536308	10	0,025
FH 1 KSF	535707	10	0,230



# Sharpening Files

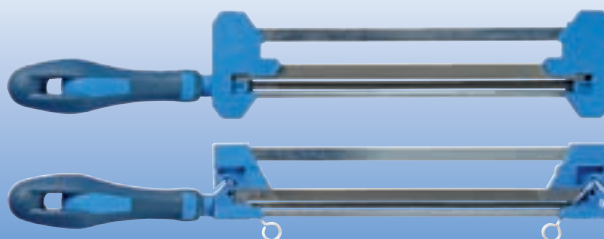
## Chain Saw Sharpeners CHAIN SHARP®



### Chain saw sharpeners CHAIN SHARP®

KSSG 90

KSSG 91



These files facilitate precise manual filing of chain saw teeth and depth gauge in one single operation. Used in the agricultural or forestry sector, or for DIY.

The use of this cost-saving tool is more economical and efficient than machine sharpening and extends the service life of the chain.

Each chain saw sharpener consists of the following:

- Sharpening device,
- one chain saw file each,
- one depth gauge file,
- ergonomic file handle.

Available in three different types.

Different sharpeners may be needed, depending on saw chain dimensions.

Chain saw sharpeners come in a self-service pouch, complete with detailed instructions for use.

**Ordering example:**  
EAN 4007220005446  
KSSG 90-5,5

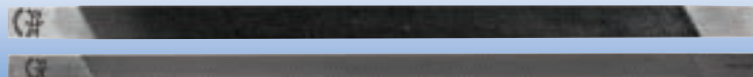
Order No.	EAN 4007220	Suitable for chainsaw file dia. [mm]	Suitable depth gauge file		
KSSG 90-5,5	005446	4,8, 5,16, 5,5	4130	1	0,290
KSSG 90-4,8	005439	4,8, 5,16, 5,5	4130	1	0,330
KSSG 91-4,0	005460	4,0	4131	1	0,280

## Depth Gauge Files

### Depth gauge files

4130

4131

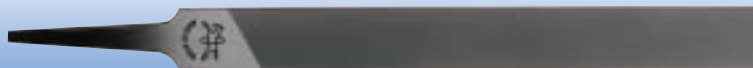


Rectangular file, cut on two sides, available in two different cross-sections matching the appropriate chain saw sharpeners.

**Ordering example:**  
EAN 4007220011218  
4130 200 mm

Order No.	Length [mm]	Length [inch]	EAN 4007220	Cross-section [mm]	Cross-section [inch]	Suitable for		
4130	200	8	011218	9 x 6,0	23/64 x 15/64	KSSG 90-4,8, KSSG 90-5,5	10	0,850
4131	200	8	011225	7 x 4,5	9/32 x 3/16	KSSG 91-4,0	10	0,425

### Flat chain saw files for depth gauges



Flat chain saw files are used on saw chain depth gauges. These tools are used without sharpeners.

Rectangular file, tanged, with two rounded uncut edges, cut on two sides, shape F according to DIN 7262. Available in two lengths.

**Ordering example:**  
EAN 4007220011041  
1213 ruk 150 mm C2

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1213 ruk	150	6	2	011041	16,0 x 3,0	FH 3	10	0,520
1213 ruk	200	8	2	011058	20,0 x 3,5	FH 4/1	10	1,000

### Wood files





Half round file, tapered, with special file cut on two sides; similar to shape C according to DIN 7263; available in two lengths.

#### Application:

- Surface work
- Shaping and refining radii
- Filing on half-round shapes

#### Ordering example:

EAN 4007220006368  
1159 200 mm C2

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1159	200	8	2	006368	20,0 x 6,0	FH 4/1	10	1,340
1159	250	10	2	006382	25,0 x 7,0	FH 4/1	10	2,470

### Cabinet files





Half round file, tapered, tapered, flatter and wider than a standard half round file, special file cut on two sides; shape F according to DIN 7263; available in two lengths.

#### Application:

- Work on surfaces
- Shaping and refining radii
- Filing of half-round shapes

#### Ordering example:

EAN 4007220009840  
1158 200 mm C1

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
1158	200	8	1	009840	23,0 x 4,7	FH 4/1	5	0,775
1158	250	10	1	009857	29,0 x 6,0	FH 4/1	5	1,230

## Wood Rasps

### Hand wood rasps



Rectangular file, tapered, cut on three side, flat sides with rasp cut, one edge with file cut, one edge uncut; shape A according to DIN 7263; available in various cuts and lengths.

#### Application:



- Surface work
- Shaping and refining of rectangular geometries
- Chamfering

#### Ordering note:

The PF type is supplied with handle.

#### Ordering example:

4007220009550  
1512 200 mm C2

Order No.	Length [mm]	Length [inch]	Cuts		Cross-section [mm]	Matching handle		
			1	2				
			EAN 4007220					

Industrial packaging (without handle)

1512	200	8	-	009550	20,0 x 6,5	FH 4/1	10	1,535
1512	250	10	009567	009574	25,0 x 7,5	FH 4/1	10	2,960

PF packaging (with handle)

PF 1512	200	8	-	542125	20,0 x 6,5	-	5	1,100
PF 1512	250	10	-	542132	25,0 x 7,5	-	5	1,795

# Wood Files and Rasps

## Wood Rasps



### Half round wood rasps



Half round file, tapered, tanged, with rasp cut on two sides; shape C according to DIN 7263; available in various cuts and lengths.

#### Application:



- Surface work
- Stock removal in radius areas
- Filing of half-round profiles
- Chamfering

#### Ordering note:

The PF type is supplied with handle.

#### Ordering example:

EAN 4007220009598  
1552 150 mm C2

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle		
			1	2	3				
			EAN 4007220						

#### Industrial packaging (without handle)

1552	150	6	-	009598	-	16,0 x 6,0	FH 3	10	0,590
1552	200	8	009611	009628	-	21,0 x 7,5	FH 4/1	10	1,340
1552	250	10	009659	009666	009673	25,0 x 8,5	FH 4/1	10	2,470
1552	300	12	009697	009703	-	30,0 x 10,0	FH 5/1	5	2,175

#### PF packaging (with handle)

PF 1552	150	6	-	542163	-	16,0 x 6,0	-	5	0,500
PF 1552	200	8	542187	542194	-	21,0 x 7,5	-	5	0,965
PF 1552	250	10	-	542217	-	25,0 x 8,5	-	5	1,600

### Round wood rasps



Round file, tapered towards the tip, tanged, with circumferential rasp cut; shape E according to DIN 7263 available in two lengths.

#### Application:

- Shaping and refining radii
- Filing on internal radius profiles

#### Ordering note:

The PF type is supplied with handle.

#### Ordering example:

EAN 4007220009710  
1562 200 mm C2

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]	Matching handle		
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#### Industrial packaging (without handle)

1562	200	8	2	009710	9,5	FH 4	10	0,775
1562	250	10	2	009727	11,5	FH 4	10	2,170

#### PF packaging (with handle)

PF 1562	200	8	2	542224	9,5	-	5	0,690
PF 1562	250	10	2	542231	11,5	-	5	1,085

### Cabinet rasps





Half round file, tapered, tanged, flatter and wider than a half round wood rasp, rasp cut on both sides; shape D according to DIN 7263; available in various cuts and lengths.

#### Application:

- Surface work
- Shaping and refining radii
- Filing of half-round shapes

#### Ordering example:

EAN 4007220009758  
1558 200 mm C2

Order No.	Length [mm]	Length [inch]	Cuts			Cross-section [mm]	Matching handle		
			2	3	5				
			EAN 4007220						

1558	200	8	009758	-	-	25,0 x 6,0	FH 4/1	5	0,775
1558	250	10	009789	009796	009802	29,0 x 7,0	FH 4/1	5	1,230
1558	300	12	009819	-	-	34,0 x 8,0	FH 5/1	5	1,905





### Horse shoe file





Highly suitable for work on horse's hooves and on nailed horseshoes. The milled teeth on both sides with chip breakers have superb stock removal qualities (one side for fine filing, one side with rough cut) and ensure easy planing of hooves and iron horseshoes.

Rectangular file, tanged, cut on four sides.

The high-quality material used during production of the hoof plane ensures an unimproved hardness grade and longer tool life.

Extremely sharp file teeth shorten filing times. Horse's hooves can be worked on quickly, economically and in a labour-saving way, reducing strain to the back.



Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]		
3515	350	14	Milled tooth	809631	44,0 x 6,0	5	2,600

### Horse rasp, tanged type



Rectangular file, tanged, cut on four sides, one flat side with rasp cut, one flat side with

cross cut, two edges with cross cut edge; shape B according to DIN 7263.

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220	Cross-section [mm]		
3510	350	14	Rasp/file-cut 1	009901	40,0 x 6,0	5	3,200

## Special Rasps

### Sculptor's file rasp



Each of these tools features two different cuts (file and rasp cut) and is therefore particularly versatile.



File rasp half round with cut on two sides.

Consists of a file with two bent forged-on ends providing different cuts.

These files are used in areas which cannot be reached with an ordinary rasp, e.g., on carved woodwork, sculptures and casting patterns.

#### Workpiece materials:

- Wood
- Horn
- Soft stone

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220		
3553	200	8	2	009932	5	0,215

### Staircase maker's file rasp





Intended for use in hard-to-reach places. The tool consists of a file with bent, half-round ends. The outer radius is rasp cut, the inner radius is file cut. As a result, the staircase maker's file rasp is highly versatile in use.

#### Workpiece materials:

- Wood
- Plastics
- Soft stone / masonry
- Horn

#### Application:

- Refining of handrails, ornaments, casting patterns, carved woodwork, sculptures

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220		
3554	250	10	2	009529	5	0,850

### Staircase maker's rasp





Intended for use in hard-to-reach places. These tools have a half-round cross-section. Their highly curved shape makes them ideal for work on diverse radii. Half-round, bent file tool, rasp cut on the curved side.

#### Workpiece materials:

- Wood
- Plastics
- Soft stone / masonry

#### Application:

- Refining of handrails, ornaments, casting patterns, carved woodwork, sculptures.

Order No.	Length [mm]	Length [inch]	Cuts	EAN 4007220		
3556	250	10	2	009512	2	0,520

Needle rasps are ideal for use in hard-to-reach places, e.g. ornaments, casting patterns, carved woodwork and sculptures.

### Recommended application:



With their forged shanks, needle files can be used with or without file handle.

### Order example

EAN 4007220**346006**  
2506 140 mm C2



#### Flat



Order No.	Length [mm]	Swiss cuts	EAN 4007220	Shank dia. [mm]		
2506	140	2	346006	3	12	0,087



#### Hand



Order No.	Length [mm]	Swiss cuts	EAN 4007220	Shank dia. [mm]		
2501	140	2	346013	3	12	0,085



#### Three square



Order No.	Length [mm]	Swiss cuts	EAN 4007220	Shank dia. [mm]		
2507	140	2	346020	3	12	0,077



#### Square



Order No.	Length [mm]	Swiss cuts	EAN 4007220	Shank dia. [mm]		
2508	140	2	346037	3	12	0,076



#### Round



Order No.	Length [mm]	Swiss cuts	EAN 4007220	Shank dia. [mm]		
2510	140	2	346044	3	12	0,073

Half round



Order No.	Length [mm]	Swiss cuts	EAN 4007220	Shank dia. [mm]		
2502	140	2	346051	3	12	0,079

## Needle Rasp Set

Needle rasp set



Needle rasps are intended for use in hard-to-reach places.

Needle rasps have forged shanks and can be used with or without a file handle.



This set comprises the full range of available needle rasps in a plastic pouch.

The plastic pouch keeps the tools neatly arranged and protects them from dirt and mechanical damage.

### Contents:

All needle rasps in this set have different shapes and are 140 mm long. Swiss cut 2.

- Flat (2506)
- Hand (2501)
- Three square (2507)
- Square (2508)
- Round (2510)
- Half round (2502)

Order No.	Length [mm]	Swiss cuts	EAN 4007220	Content [pcs.]		
2527	140	2	235522	6	1	0,041



PFERD precision files meet the most exacting standards of dimensional accuracy, cutting performance and longevity. Compared to machinist's files, precision files are smaller, easier to handle, and possess a more precise geometry.

They are used in the jig and tool construction fields, in particular to produce tools for punching, shaping, forging and stamping serial articles etc.

In addition, precision files are suitable for assembling tasks and building complex devices and machines to the highest precision standards.










### Ordering note:

Packaging unit: 12 pcs.

### Ordering example:

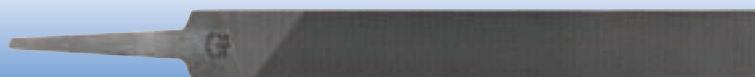
EAN 4007220**279595**


800 100 mm C00

Table of file cuts Precision files										
Cuts per cm		12	16	20	25	31	38	46	56	68
File type	Cuts	Swiss cut 00	Swiss cut 0	Swiss cut 1	Swiss cut 2	Swiss cut 3	Swiss cut 4	Swiss cut 5	Swiss cut 6	
		[cuts/cm]	[cuts/cm]	[cuts/cm]	[cuts/cm]	[cuts/cm]	[cuts/cm]	[cuts/cm]	[cuts/cm]	[cuts/cm]
Tang files No. 800 - 875 100, 150 and 200 mm		16	20	25	31	38	46	56	68	
Tang files No. 800 - 875 250 mm		12	16	20	25	31	38	46	56	
<b>CORINOX</b> ® files No. 800 - 860 150 and 200 mm		16	20	–	31	–	–	–	–	
Needle files No. 2401 - 2416		20	25	31	38	46	56	–	–	
<b>CORINOX</b> ® needle files No. 2301 - 2310		–	25	–	38	–	–	–	–	
Handy files No. 2601 - 2610		16	–	25	–	–	–	–	–	
Riffler files No. 900P - 996P 150 mm		–	25	–	38	–	56	–	–	
Riffler files No. 710P - 795P 180 mm		–	16	–	25	–	–	–	–	
Riffler files No. 410P - 480P 300 mm		–	12	–	20	–	–	–	–	

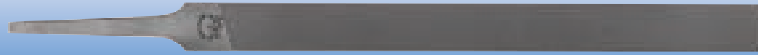
## Precision Files, Tanged


### Pottance files, hand type



Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross-section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
800	100	4	279595	279601	279618	279625	279632	279649	13,0 x 3,0	FH 2	0,450
800	150	6	279656	279663	279670	279687	279694	279700	18,0 x 4,0	FH 3	1,250
800	200	8	279717	279724	279731	279748	279755	279762	22,0 x 5,0	FH 4/1	2,100


### Pillar files, regular



Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
810	150	6	279793	279809	-	279816	-	-	13,0 x 4,0	FH 3	0,730
810	200	8	279823	279830	-	279847	-	-	15,0 x 5,0	FH 4/1	1,250
810	250	10	279854	279861	-	279878	-	-	18,0 x 6,0	FH 4/1	2,210


### Pillar files, slim



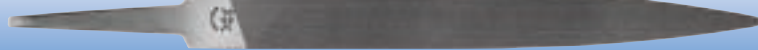
Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
815	150	6	279885	279892	-	279908	-	-	8,0 x 3,5	FH 2	0,380
815	200	8	279915	279922	-	279939	-	-	10,0 x 4,5	FH 3	0,705
815	250	10	279946	279953	-	279960	-	-	12,0 x 5,0	FH 3	1,080


### Pillar files, extra slim



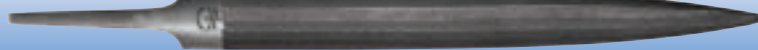
Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
820	150	6	279977	279984	-	279991	-	-	6,0 x 3,0	FH 2	0,250
820	200	8	280003	280010	-	280027	-	-	8,0 x 3,5	FH 2	0,455


### Tang files, flat (thin)



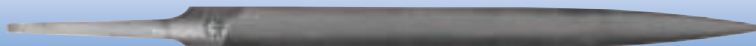
Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
830	150	6	-	280058	-	280065	-	-	16,0 x 2,0	FH 3	0,370


### Tang files, half round



Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
835	100	4	280072	280089	280096	280102	280119	280126	12,0 x 3,5	FH 2	0,300
835	150	6	280133	280140	280157	280164	280171	280188	16,0 x 4,5	FH 3	0,770
835	200	8	280195	280201	280218	280225	280232	-	21,0 x 6,0	FH 4/1	1,700
835	250	10	280256	280263	280270	-	-	-	25,0 x 7,0	FH 4/1	2,990


### Tang files, half round, slim



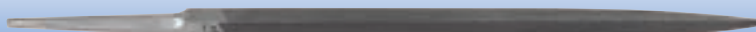
Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
840	150	6	280317	280324	280331	280348	-	280362	12,0 x 3,5	FH 3	0,520


### Tang files, round



Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
845	100	4	-	280379	-	280393	-	-	4,0	FH 2	0,110
845	150	6	-	280416	280423	280430	280447	-	6,0	FH 3	0,410
845	200	8	-	280454	280461	280478	280485	-	8,0	FH 4	0,820


### Tang files, three square



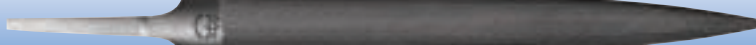
Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
855	100	4	-	-	280522	280539	280546	-	6,0	FH 2	0,250
855	150	6	-	280553	280560	280577	280584	-	10,0	FH 3	0,670
855	200	8	-	280591	280607	280614	280621	-	14,0	FH 4	1,415


### Tang files, square



Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross-section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
860	150	6	-	280676	280683	280690	280706	-	6,0	FH 3	0,450
860	200	8	-	280713	280720	280737	280744	-	8,0	FH 4	1,000


### Tang files, crossing



Order No.	Length [mm]	Length [inch]	Swiss cuts	EAN 4007220	Cross-section [mm]	Matching handle	
865	150	6	2	280768	16,0 x 4,5	FH 3	0,770


Tang files, knife



Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
870	150	6	-	280812	-	280829	-	-	18,0 x 4,0	FH 3	0,530
870	200	8	-	280836	-	280843	-	-	22,0 x 5,0	FH 4/1	1,010

Tang files, barette



Order No.	Length [mm]	Length [inch]	Swiss cuts						Cross- section [mm]	Matching handle	
			00	0	1	2	3	4			
			EAN 4007220								
875	150	6	-	280850	-	280867	-	-	16,0 x 4,0	FH 3	0,660
875	200	8	-	280874	-	280881	-	-	21,0 x 5,0	FH 4/1	1,460





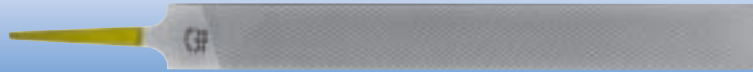
These files have an exceptional surface hardness grade, 1200 HV (Vickers scale). Particularly suitable for work on stainless steel (INOX) e.g. V2A, V4A, very heat-resistant steels, exotic alloys but also fibre reinforced plastics etc.



Due to their high surface hardness grade, CORINOX® files are extremely wear-resistant and tough. They are ideally suited for work on materials which are hard to file. They do not clog up. Chips can be removed by knocking the file gently against a hard object.

Available in six different shapes and three different lengths.

**Ordering example:**  
EAN 4007220**304082**  
COR 800 150 mm C00



### CORINOX® pottance files hand



Order No.	Length [mm]	Length [inch]	Swiss cuts			Cross-section [mm]	Matching handle		
			00	0	2				
			EAN 4007220						
COR 800	150	6	304082	304099	-	18,0 x 4,0	FH 3	12	1,250
COR 800	200	8	304105	304112	304129	22,0 x 5,0	FH 4/1	12	2,100
COR 800	250	10	669464	669471	669488	25,0 x 6,0	FH 4/1	12	2,016



### CORINOX® pillar files regular



Order No.	Length [mm]	Length [inch]	Swiss cuts			Cross-section [mm]	Matching handle		
			00	0	2				
			EAN 4007220						
COR 810	150	6	304136	304143	-	13,0 x 4,0	FH 3	12	0,730
COR 810	200	8	304150	304167	317785	15,0 x 5,0	FH 4/1	12	1,250



### CORINOX® tang files half round



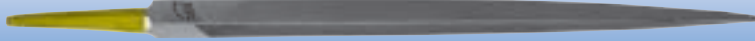
Order No.	Length [mm]	Length [inch]	Swiss cuts			Cross-section [mm]	Matching handle		
			00	0	2				
			EAN 4007220						
COR 835	150	6	-	304174	-	16,0 x 4,5	FH 3	12	0,770
COR 835	200	8	-	304181	317792	21,0 x 6,0	FH 4/1	12	1,700



### CORINOX® files round



Order No.	Length [mm]	Length [inch]	Swiss cuts			Cross-section [mm]	Matching handle		
			00	0	2				
			EAN 4007220						
COR 845	200	8	-	304198	317808	8,0	FH 4	12	0.820



### CORINOX® files three square



Order No.	Length [mm]	Length [inch]	Swiss cuts			Cross-section [mm]	Matching handle		
			00	0	2				
			EAN 4007220						
COR 855	200	8	-	304211	317815	14,0	FH 4	12	1,485

### CORINOX® files square



Order No.	Length [mm]	Length [inch]	Swiss cuts			Cross-section [mm]	Matching handle		
			00	0	2				
			EAN 4007220						
COR 860	150	6	-	304204	317822	6,0	FH 3	12	0,450

## CORINOX® Needle Files

### CORINOX® needle files



These files have an exceptional surface hardness grade of 1200 HV (Vickers scale). They are particularly suitable for fine and delicate work on stainless steel material (INOX) e.g. V2A, V4A, very heat-resistant steels and exotic alloys, but also for fibre reinforced plastics. With their high precision, these files meet the highest standards of quality and stock removal performance.

Due to their high surface hardness grade, CORINOX® files have outstanding wear resistance and durability. They are ideal for work on materials which are hard to file. They do not clog up. Chips can be removed by knocking the file gently against a hard object.



Available in various shapes and cut densities.

#### Recommendation for use:

Due to their forged tang, these files can be used with or without needle file handle.

#### Ordering example:

EAN 4007220346532  
CORINOX 2306 180 mm C0

Order No.	Length [mm]	Swiss cuts		Shank dia. [mm]		
		0	2			
		EAN 4007220				
CORINOX 2306	180	346532	346549	4,0	12	0,150
CORINOX 2301	180	346556	346570	4,0	12	0,150
CORINOX 2307	180	346587	346594	4,0	12	0,150
CORINOX 2308	180	346600	346648	4,0	12	0,150
CORINOX 2310	180	346624	346662	4,0	12	0,150
CORINOX 2302	180	346686	346716	4,0	12	0,150

PFERD needle files are ideally suitable for work on the smallest surfaces, cut-outs, geometries, profiles and radii. Due to their forged tang, these files can be used with or without a needle file handle.

### Ordering note:



Needle files in cuts (00, 0, 1, 2, 3, 4), not listed in the table can be supplied as special products. Please allow approx. 8 weeks for delivery.

### Ordering example:

EAN 4007220**237458**  
2406 140 mm C0



### Flat



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2406	140	-	237458	237465	237472	-	-	3,0	5,1 x 1,1	12	0,085
2406	160	-	237489	237496	237502	237519	-	3,25	5,5 x 1,2	12	0,116
2406	180	237526	237533	237540	345979	-	-	3,5	6,0 x 1,3	12	0,153



### Hand



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2401	140	-	383858	383872	383896	383919	-	3,0	5,1 x 1,1	12	0,085
2401	160	-	383933	383957	383971	237168	-	3,25	5,5 x 1,2	12	0,116
2401	180	384015	237182	237199	384077	-	-	3,5	6,0 x 1,3	12	0,153
2401	200	237212	384114	237236	235898	-	-	3,75	6,4 x 1,3	12	0,192



### Crossing



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2403	140	-	237328	237335	237342	-	-	3,0	4,5 x 1,8	12	0,085
2403	160	-	237359	237366	237373	237380	-	3,25	5,2 x 2,1	12	0,116
2403	180	-	237397	237410	237403	-	-	3,5	5,7 x 2,2	12	0,153



### Three square



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2407	140	-	237700	237717	237724	237731	-	3,0	3,5	12	0,085
2407	160	-	237748	237755	237762	237779	-	3,25	3,65	12	0,116
2407	180	237786	237793	-	237809	237816	-	3,5	4,1	12	0,153
2407	200	237823	237830	-	237847	237854	-	3,75	4,1	12	0,192



### Square



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2408	140	-	238073	238080	238097	238103	-	3,0	2,4	12	0,085
2408	160	-	238110	238127	238134	238141	-	3,25	2,4	12	0,116
2408	180	238158	238165	-	238172	238189	-	3,5	2,7	12	0,153
2408	200	238196	238202	-	238219	-	-	3,75	3,0	12	0,192



### Round



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2410	140	-	238226	238233	238240	-	238257	3,0	3,0	12	0,085
2410	160	-	238264	238271	238288	-	238295	3,25	3,25	12	0,116
2410	180	345986	238301	238318	238325	238332	-	3,5	3,5	12	0,153
2410	200	345993	238349	238356	238363	238370	-	3,75	3,75	12	0,192



### Knife



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2405	140	-	237571	237588	237595	-	-	3,0	5,5 x 1,5	12	0,085
2405	160	-	237601	237618	237625	-	-	3,25	5,8 x 1,7	12	0,116
2405	180	237649	237656	-	237663	-	-	3,5	6,2 x 1,8	12	0,153



### Half round



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2402	140	-	237861	237878	237885	237892	-	3,0	5,0 x 1,6	12	0,085
2402	160	-	237908	237915	237922	237939	-	3,25	5,7 x 1,8	12	0,116
2402	180	237946	237953	-	237960	237977	-	3,5	6,0 x 2,0	12	0,153
2402	200	237984	237991	-	238004	238011	-	3,75	6,4 x 1,8	12	0,192



### Barrette



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2411	140	-	237175	384039	384053	-	-	3,0	5,0 x 2,0	12	0,085
2411	160	-	237205	384091	237229	384138	-	3,25	5,3 x 1,8	12	0,116
2411	180	237243	237250	237267	237274	-	-	3,5	5,6 x 2,1	12	0,153



### Flat with round edges



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2415	160	-	-	-	238400	-	-	3,25	5,5 x 1,2	12	0,116
2415	180	-	238417	-	-	-	-	3,5	6,0 x 1,3	12	0,153



### Hand with round edges



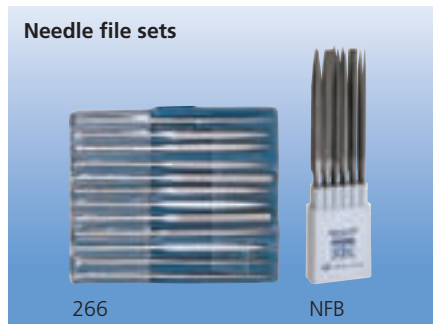
Order No.	Length [mm]	Swiss cuts					Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	4				
		EAN 4007220								
2416	140	-	-	383865	-	-	3,0	5,1 x 1,1	12	0,085
2416	160	-	383889	383902	383926	-	3,25	5,5 x 1,2	12	0,116
2416	180	-	383940	-	-	-	3,5	6,0 x 1,3	12	0,153

### Crossing oval



Order No.	Length [mm]	Swiss cuts						Shank dia. [mm]	Cross- section [mm]		
		00	0	1	2	3	4				
		EAN 4007220									
2409	160	-	-	-	238042	-	-	3,25	3,8 x 2,5	12	0,116
2409	180	-	238059	-	-	-	-	3,5	4,0 x 2,9	12	0,153







**Contents:** 12 pcs.,  
1 needle file each of the following profiles:

- Flat (2406)
- Hand (2401)
- Crossing (2403)
- Three square (2407)
- Square (2408)
- Round (2410)
- Knife (2405)
- Half round (2402)
- Barrette (2411)
- Flat with rounded edges (2415)
- Hand with rounded edges (2416)
- Crossing oval (2409).

**Ordering example:**  
EAN 4007220**235539**  
266/14 140 mm C1

Order No.	Length [mm]	Swiss cuts			Content [pcs.]		
		0	1	2			
		EAN 4007220					
266/14	140	-	235539	-	12	1	0,095
266/16	160	-	235553	-	12	1	0,130
266/18	180	235560	-	-	12	1	0,165
266/20	200	235577	-	-	12	1	0,205
NFB 2492	140	-	345955	345962	12	1	0,080
NFB 2493	160	-	392232	235515	12	1	0,135



Supplied in a practical box.

The set consists of 1 needle file in each of the following profiles:

- Hand
- Flat
- Half round
- Three square
- Square
- Round

Length 160 mm, cut 1.

Order No.	EAN 4007220		
PF 263 160 mm C1	009222	1	0,700

### Handy files



These files are suitable for work in the narrowest and most hard-to-reach places on metals and plastic objects, e.g. in tool, mould and pattern making.

These files are characterised by their geometrical position and slim, intricate finish. The files are strongly tapered but rugged enough for higher filing pressures. Hardened by advanced heat treatment methods. Used without a file handle due to their forged tang.

Precision files similar to needle files. They are available in various profiles and cut densities. These files can also be ordered in sets.

Characteristics similar to



- DIN 7283 (shapes, lengths, cross-sections)
- DIN 7285 (terminology)
- DIN 7284 (technical specifications)
- DIN 8349 (numbers of cuts)

### Application:

- Rework on press tools
- Rework on forging tools
- Rework on moulds and dies

### Ordering example:

EAN 4007220**346372**  
2601 215 mm C00

Order No.	Length [mm]	Swiss cuts		Cross-section [mm]		
		00	1			
		EAN 4007220				
2601	215	346372	346389	10,3 x 2,8	12	0,585
2607	215	346396	346402	10,0	12	0,650
2608	215	346419	346426	6,0 x 6,0	12	0,552
2602	215	346457	346464	12,8 x 3,7	12	0,585

## Handy File Sets

These products are supplied in a plastic pouch for optimum protection against mechanical damage, foreign matter and corrosion.

### Contents:

Five handy files with the following types:

- Hand (2601)
- Three square (2607)
- Square (2408)
- Round (2610)
- Half round (2602)

The round handy file (2610) is available exclusively as part of PFERD handy file sets.



Available in two different cut densities.

### Ordering example:

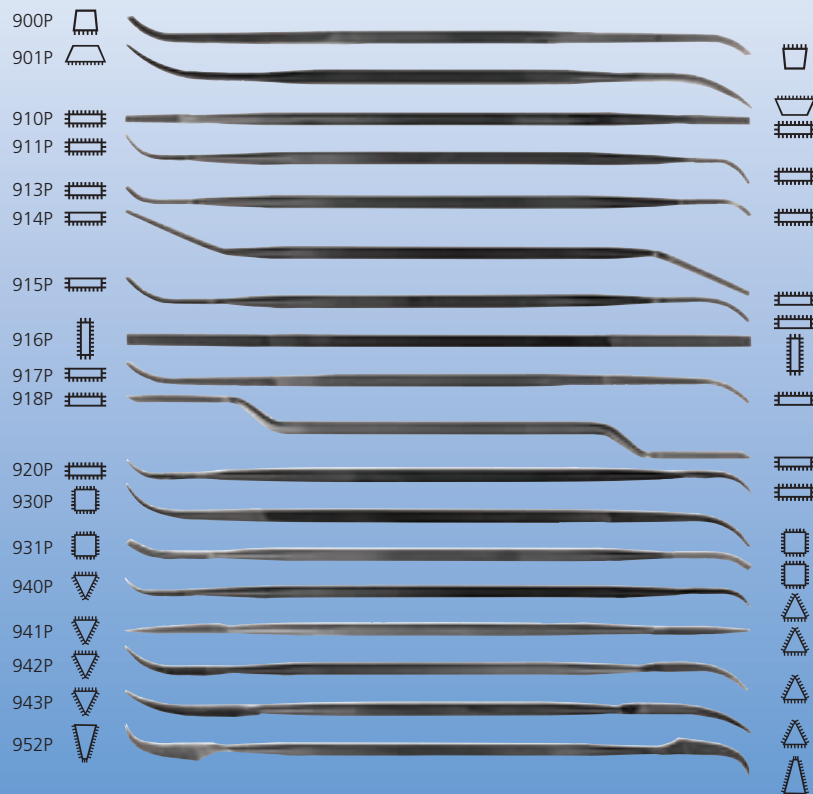
EAN 4007220**346488**  
2627 215 mm C00

### Handy file sets



Order No.	Length [mm]	Swiss cuts		Content [pcs.]		
		00	1			
		EAN 4007220				
2627	215	346488	346501	5	1	0,257

### Riffler files series 900P-952P





Length 150 mm, smallest type of riffler files.

#### Recommendation for use:

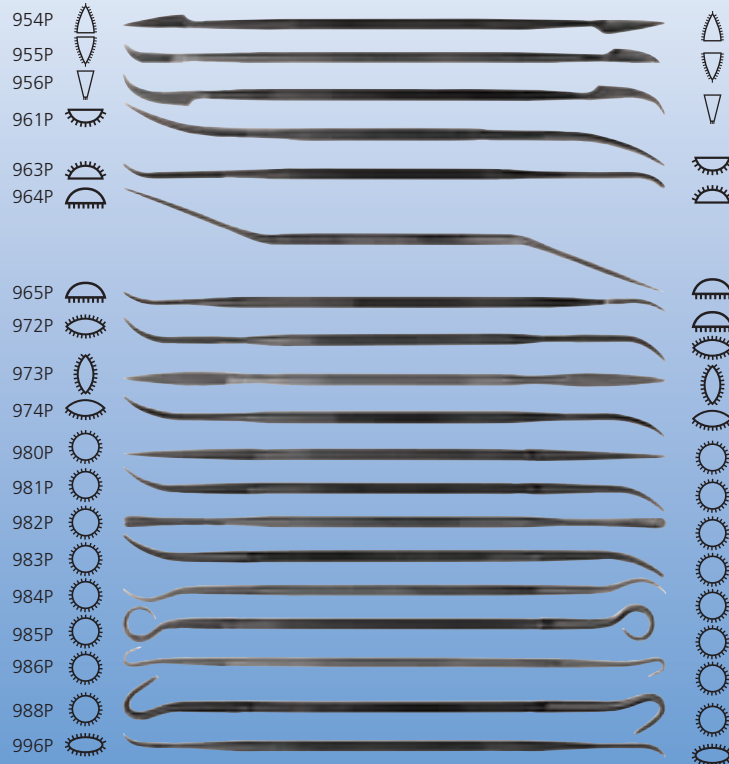
Riffler files can be used with or without riffler file holder.

#### Ordering example:

EAN 4007220**346075**  
900P 150 mm C2

Order No.	Length [mm]	Length [inch]	Swiss cuts		Cross-section [mm]	Suitable holder		
			2	4				
			EAN 4007220					
900P	150	6	346075	346082	3,2 x 3,2	RFH 150	12	0,110
901P	150	6	014950	014967	4,0 x 1,3	RFH 150	12	0,110
910P	150	6	-	346099	2,3 x 1,2	RFH 150	12	0,110
911P	150	6	014974	014981	2,3 x 1,2	RFH 150	12	0,110
913P	150	6	014998	015001	2,7 x 1,5	RFH 150	12	0,110
914P	150	6	015018	015025	3,5 x 1,5	RFH 150	12	0,110
915P	150	6	346105	-	3,5 x 1,5	RFH 150	12	0,110
916P	150	6	015032	-	3,2 x 3,2	RFH 150	12	0,110
917P	150	6	015056	015063	3,2 x 3,2	RFH 150	12	0,110
918P	150	6	015070	015087	3,8 x 1,7	RFH 150	12	0,110
920P	150	6	346112	-	4,9 x 1,5	RFH 150	12	0,110
930P	150	6	015094	015100	3,2 x 3,2	RFH 150	12	0,110
931P	150	6	346129	-	1,7 x 1,7	RFH 150	12	0,110
940P	150	6	346136	-	1,7	RFH 150	12	0,110
941P	150	6	346143	-	2,2	RFH 150	12	0,110
942P	150	6	015117	015124	2,6	RFH 150	12	0,110
943P	150	6	346150	398708	3,0	RFH 150	12	0,110
952P	150	6	015131	015148	1,4 x 4,2	RFH 150	12	0,110

### Riffler files series 954P-996P





Length 150 mm, smallest type of riffler files.

#### Recommendation for use:

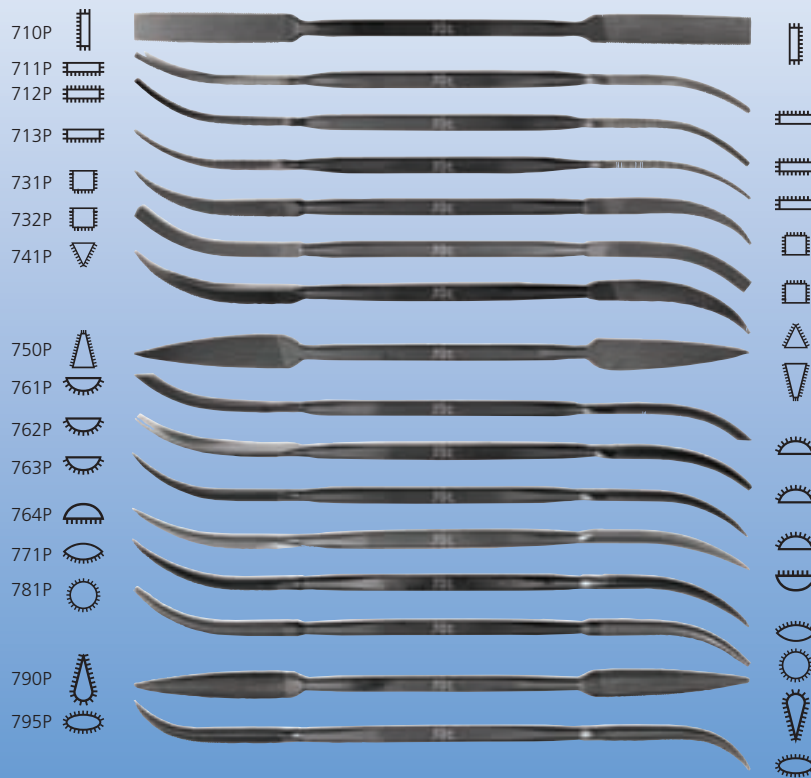
Riffler files can be used with or without riffler file holder.

#### Ordering example:

EAN 4007220**015155**  
954P 150 mm C2

Order No.	Length [mm]	Length [inch]	Swiss cuts		Cross-section [mm]	Suitable holder		
			2	4				
			EAN 4007220					
954P	150	6	015155	015162	1,5 x 4,0	RFH 150	12	0,110
955P	150	6	-	346167	1,5 x 4,0	RFH 150	12	0,110
956P	150	6	346174	-	1,6 x 4,1	RFH 150	12	0,110
961P	150	6	346181	-	4,1 x 2,4	RFH 150	12	0,110
963P	150	6	015179	015186	4,6 x 1,3	RFH 150	12	0,110
964P	150	6	346198	-	4,5 x 1,4	RFH 150	12	0,110
965P	150	6	015193	015209	5,2 x 1,5	RFH 150	12	0,110
972P	150	6	015216	015223	3,6 x 2,1	RFH 150	12	0,110
973P	150	6	346204	-	3,6 x 2,1	RFH 150	12	0,110
974P	150	6	015230	-	3,6 x 2,1	RFH 150	12	0,110
980P	150	6	346211	-	3,5	RFH 150	12	0,110
981P	150	6	015254	015261	3,5	RFH 150	12	0,110
982P	150	6	015278	015285	3,0	RFH 150	12	0,110
983P	150	6	346228	-	3,2	RFH 150	12	0,110
984P	150	6	346235	346242	3,2	RFH 150	12	0,110
985P	150	6	015292	015308	3,2	RFH 150	12	0,110
986P	150	6	346259	346266	2,6	RFH 150	12	0,110
988P	150	6	346273	-	3,2	RFH 150	12	0,110
996P	150	6	345696	-	2,2 x 1,4	RFH 150	12	0,110

### Riffler files series 710P-795P





Length 180 mm, medium-sized type of riffler files.

#### Recommendation for use:

Riffler files can be used with or without riffler file holder.

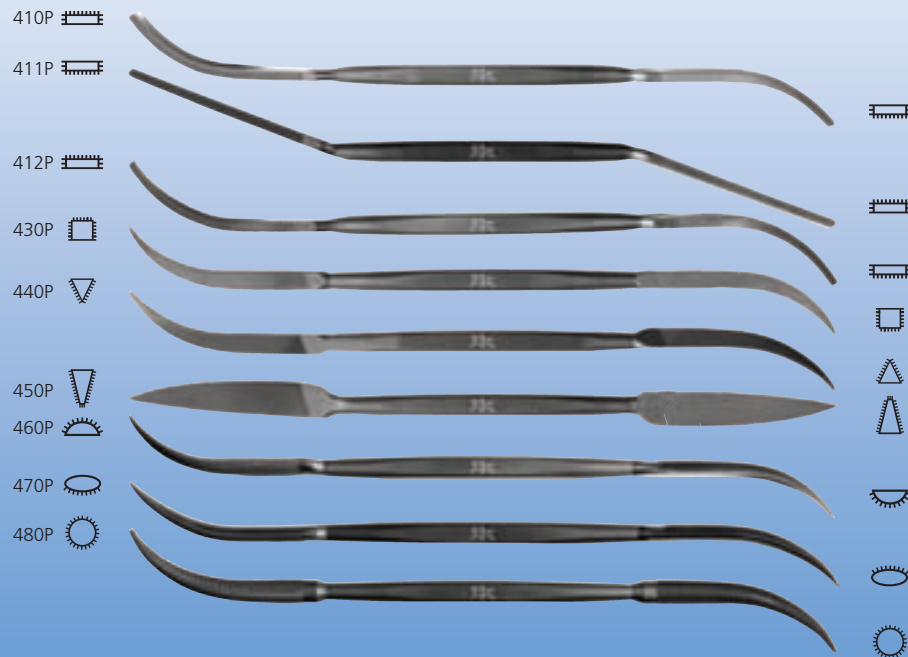
#### Ordering example:

EAN 40072200**14752**  
710P 180 mm C0

Order No.	Length [mm]	Length [inch]	Swiss cuts		Cross-section [mm]	Suitable holder		
			0	2				
			EAN 4007220					
710P	180	7	014752	014769	8,5 x 2,5	RFH 180	12	0,340
711P	180	7	014776	014783	8,5 x 2,5	RFH 180	12	0,340
712P	180	7	014790	014806	8,2 x 2,5	RFH 180	12	0,340
713P	180	7	345702	345719	8,2 x 2,5	RFH 180	12	0,340
731P	180	7	014813	014820	4,5 x 4,5	RFH 180	12	0,340
732P	180	7	345726	345733	4,5 x 4,5	RFH 180	12	0,340
741P	180	7	014837	014844	6,5	RFH 180	12	0,340
750P	180	7	014851	014868	9,5 x 2,5	RFH 180	12	0,340
761P	180	7	345740	345757	9,2 x 3,2	RFH 180	12	0,340
762P	180	7	014875	014882	9,2 x 3,2	RFH 180	12	0,340
763P	180	7	345764	345771	9,5 x 3,3	RFH 180	12	0,340
764P	180	7	-	345788	9,5 x 3,3	RFH 180	12	0,340
771P	180	7	014899	014905	9,0 x 4,2	RFH 180	12	0,340
781P	180	7	014912	014929	5,0	RFH 180	12	0,340
790P	180	7	-	345795	8,5 x 4,0	RFH 180	12	0,340
795P	180	7	014936	014943	8,0 x 4,3	RFH 180	12	0,340



### Riffler files series 410P-480P





Length 300 mm, largest type of riffler files.

#### Recommendation for use:

Riffler files can be used with or without riffler file holder.

#### Ordering example:

EAN 4007220**345818**  
410P 300 mm C0

Order No.	Length [mm]	Length [inch]	Swiss cuts		Cross-section [mm]		
			0	2			
			EAN 4007220				
410P	300	12	345818	345825	15,0 x 4,0	6	1,700
411P	300	12	345924	345931	15,0 x 4,4	6	1,700
412P	300	12	345801	-	15,0 x 4,4	6	1,700
430P	300	12	345863	345870	8,0 x 8,0	6	1,700
440P	300	12	345849	345856	12,0 x 12,0	6	1,700
450P	300	12	345900	-	15,0 x 12,0	6	1,700
460P	300	12	345917	-	15,0 x 6,0	6	1,700
470P	300	12	345832	-	14,0 x 7,0	6	1,700
480P	300	12	345887	345894	10,0	6	1,700

The set contains a selection of riffler files for various applications.  
The plastic pouch keeps the tools neatly arranged and protects them from damage.

#### Ordering note:

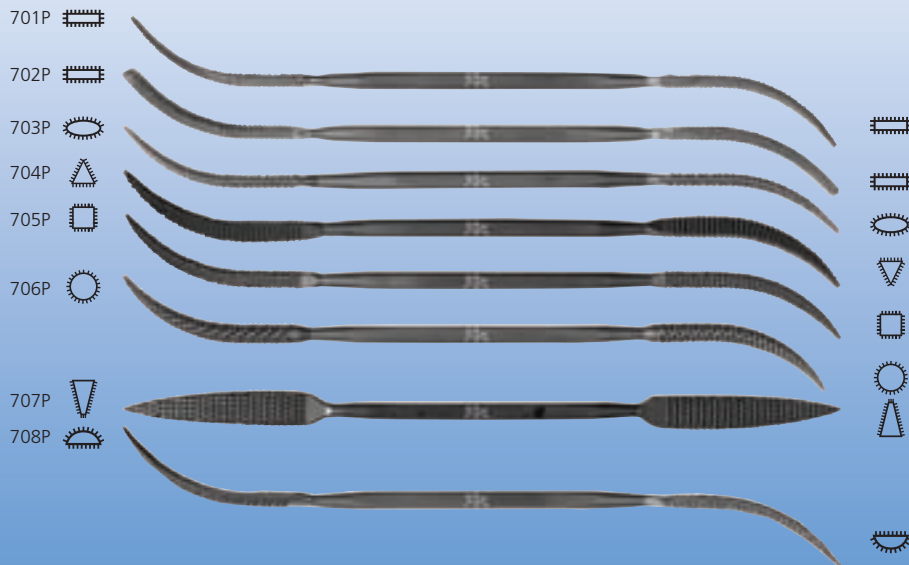
Suitable file holder = RFH 150

### Set of riffler files SB 900



Order No.	Length [mm]	Length [inch]	Swiss cuts	EAN 4007220	Content [pcs.]	Content		
SB 900	150	6	2	009239	4	914P, 930P, 963P, 981P	5	0,350

### Riffler rasps series 701P-708P





Length 190 mm, riffler rasps with high-precision Swiss cut.

#### Recommendation for use:

Riffler files can be used with or without riffler file holder.

#### Ordering example:

EAN 4007220**346280**  
701P 190 mm C0



Order No.	Length [mm]	Length [inch]	Swiss cuts	EAN 4007220	Cross-section [mm]	Suitable holder		
701P	190	7 1/2	0	346280	8,2 x 3,3	RFH 180	12	0,270
702P	190	7 1/2	0	346297	8,1 x 3,5	RFH 180	12	0,270
703P	190	7 1/2	0	346303	7,6 x 4,4	RFH 180	12	0,270
704P	190	7 1/2	0	346310	6,4	RFH 180	12	0,270
705P	190	7 1/2	0	346327	4,9	RFH 180	12	0,270
706P	190	7 1/2	0	346334	5,5	RFH 180	12	0,270
707P	190	7 1/2	0	346341	9,2 x 3,6	RFH 180	12	0,270
708P	190	7 1/2	0	346358	9,3 x 3,8	RFH 180	12	0,270

### Set of riffler rasps 720P



The set contains a selection of rasps for various applications.

The plastic pouch keeps the files neatly arranged and protects them from damage.

Order No.	Length [mm]	Length [inch]	Swiss cuts	EAN 4007220	Content [pcs.]	Content		
720P	190	7 1/2	0	535905	8	701P, 702P, 703P, 704P, 705P, 706P, 707P, 708P	1	0,225

### Advantages:

- Optimum-grip.
- Ergonomic shape.
- Soft plastic on the outside with a hard, stable inner part.
- Without plasticisers.
- Large, rounded grip surfaces.

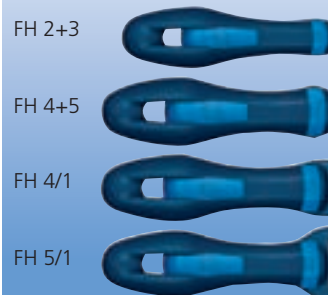
### Maximum safety at work:



- Protects hands from sharp edges and corners.
- Angular collar prevents files from rolling away.

Available in various designs and two packaging units.

**Ordering example:**  
EAN 4007220**535714**  
FH 2-10

### Ergonomic file handles



Order No.	EAN 4007220	Overall length [mm]	Suitable for file length [mm]	Suitable for		
FH 2-10	535714	110	100 - 150	key files, very narrow tangs	10	0,420
FH 2-100	535721	110	100 - 150	key files, very narrow tangs	100	4,240
FH 3-10	535738	110	100 - 150	all tangs	10	0,410
FH 3-100	535745	110	100 - 150	all tangs	100	4,130
FH 4-10	535752	115	200 - 250	shape three square, square, round, special shapes	10	0,560
FH 4-100	535769	115	200 - 250	shape three square, square, round, special shapes	100	5,450
FH 4/1-10	535776	115	200 - 250	shape hand, flat, half round	10	0,560
FH 4/1-100	535783	115	200 - 250	shape hand, flat, half round	100	5,520
FH 5-10	535790	115	300 - 350	shape three square, square, round, special shapes	10	0,520
FH 5-100	535806	115	300 - 350	shape three square, square, round, special shapes	100	5,130
FH 5/1-10	535813	115	300 - 350	shape hand, flat, half round	10	0,550
FH 5/1-100	535820	115	300 - 350	shape hand, flat, half round	100	5,430

### Advantages:



- Proven PFERD file handle made of strong plastics.
- Air chambers help absorb hand moisture.
- Enlarged handle front reduces fatigue and improves safety.
- Good force transmission and grip control.

Available in four different designs and two packaging units.

**Ordering example:**  
EAN 4007220**015476**  
PH 08/10

### Plastic file handles



Order No.	EAN 4007220	Overall length [mm]	Suitable for file length [mm]	Suitable for		
PH 08/10	015476	90	90	files with very narrow tangs, key files	10	0,280
PH 08/100	301890	90	90	files with very narrow tangs, key files	100	2,470
PH 09/10	015483	90	90	all tangs	10	0,270
PH 09/100	301906	90	90	all tangs	100	2,380
PH 11/10	015490	110	110	all tangs	10	0,400
PH 11/100	301913	110	110	all tangs	100	4,055
PH 13/10	015506	130	130	all tangs	10	0,490
PH 13/100	301920	130	130	all tangs	100	4,735

# File Handles, File Sleeves, File Brush

## Special Handles for Chain Saw Files and Sharpeners





**Ergonomic file handle for chain saw sharpeners**



Special ergonomic file handle for chain saw sharpeners and chain saw sharpening gauges.

**Ordering note:**

Chain saw sharpening gauge **not** included. Please order as a separate item.

Order No.	EAN 4007220	Overall length [mm]	Suitable for file length [mm]	Suitable for		
FH 1 KSF	535707	120	120	Chain saw sharpener KSSG 90 Chain saw sharpener KSSG 91 Chain saw sharpening gauge KSSL	10	0,230



## Quick-Mounting Type

**Plastic file handle, quick-mounting type**



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

File tangs are reliably clamped by twisting the two halves of the handle in opposite directions.

Order No.	EAN 4007220	Overall length [mm]	Suitable for file length [mm]	Suitable for shank dia. [mm]		
SH 220	806555	90	140, 160, 180, 200	3,0, 3,25, 3,5, 3,75	10	0,300

**Needle file holder**

NFH 211





NFH 212



Quick-mounting handles for needle files with 3-4,5 mm tang diameter.

**Ordering example:**

EAN 4007220**267783**  
NFH 211-3 K

Order No.	EAN 4007220	Overall length [mm]	Suitable for	Suitable for shank dia. [mm]		
NFH 211-3 K	267783	100	Needle file dia, 3 - 4,5 mm	3 - 4,5	10	0,220
NFH 212	669532	92	Needle file dia, 3 - 4,5 mm	3 - 4,5	10	0,218

## Riffler File Holder

**Riffler file holder**





**Advantages:**

- Safe and optimum file guidance.
- One of the file points is always covered safely by the file handle.
- Quicker, easier tool changes.
- Recyclable plastic.
- Reusable.

Available in two different types.

**Ordering example:**

EAN 4007220**015322**  
RFH 150

Order No.	EAN 4007220	Suitable for file length [mm]		
RFH 150	015322	150	10	0,090
RFH 180	015346	180	10	0,180

The file brush is for easy cleaning of chips from clogged files.

Rugged wooden handle with wear-resistant steel wire spiked band.

File brush



Order No.	EAN 4007220	Length [mm]	Length [inch]		
HBF 10 ST 0,15 SG	015315	232	9,2	5	0,615

## Plastic Sleeves, Empty



These plastic sleeves are intended to store individual files without handle. With metal eyelet for hanging up files for presentation in displays.

The sleeve protects the tool from mechanical damage, foreign matter and corrosion.

**Ordering example:**  
EAN 40072200**15520**  
KH 150

Plastic sleeves, empty



Order No.	EAN 4007220	Suitable for file length [mm]		
KH 150	015520	150	25	0,150
KH 200	015537	200	25	0,250
KH 250	015544	250	25	0,275
KH 300	015551	300	25	0,300





### Hand deburrer



BS 1010



BS 1018



BS 2010



BD 5010



BC 1041



BC 1651



Ideally suited for economic and efficient deburring, chamfering and refining of different materials and contours. Hard-to-reach places, holes, inner and outer diameters, threads and keyways can be easily worked on manually.

The three different, easily-changeable deburrers (blades, mini-blades and countersink) are easy to guide and use with the special holder. The tools fit beautifully to the contours of workpieces.

The pivot-mounted adapter system makes handling and changing the deburring device very easy.

The handy, ergonomic design of the flexible plastic holder and the tough, hard inner part protects against sharp edges and corners during work. The angular collar prevents the deburring device rolling away, thus providing maximum safety.



PFERD has the following on offer:

- Three deburring blades for work on
  - steel, aluminium
  - non-ferrous metals and cast iron,
  - plastics and other hard materials.
- One mini-blade for general work on very small geometries of different materials.
- Two pivot-bearing deburring countersinks for general use on bores of different materials.

### Ordering example:

EAN 4007220**807903**

BS 1010

Order No.	EAN 4007220	Use for		
Holder for deburrer				
H 4	807897	all types	1	0,105
Deburring blade				
BS 1010	807903	steel, aluminium	10	0,035
BS 1018	807910	plastics, other hard materials	10	0,035
BS 2010	807927	non-ferrous metals, cast iron	10	0,035
Mini-blades				
BD 5010	807934	general use	1	0,007
Deburring countersink				
BC 1041	807941	general use	1	0,017
BC 1651	807958	general use	1	0,033

