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Hand deburrer

■ Hand deburrer	59
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File sets can be found on the pages of the individual product groups.



Detailed information and ordering data for **diamond files** can be found in catalogue section 5.



All tools and more information:
www.pferd.com

Quality

For 200 years, PFERD has been manufacturing files of a world-renowned high quality. The experience gained over many years as a tool manufacturer is constantly used for the development of PFERD files.

Application-oriented file shapes and cuts for industry and crafts guarantee good economic value. Even after long use, PFERD files achieve high stock removal rates and an excellent surface quality. State-of-the-art production technology and strict quality controls guarantee the outstanding PFERD quality.

PFERD is certified according to ISO 9001.



PFERDVALUE – Your added value with PFERD

Results from the PFERD test laboratories as well as from the product tests by independent testing institutes prove: PFERD tools offer measurable added value.

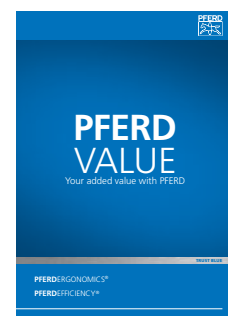
Discover **PFERDERGONOMICS** and **PFERDEFFICIENCY**:

As part of **PFERDERGONOMICS**, PFERD offers ergonomically optimized tools and tool drives that contribute to greater safety and working comfort, and thus to health protection.

As part of **PFERDEFFICIENCY**, PFERD offers innovative, high-performance tool solutions and tool drives with outstanding added value.



For more information on this topic, please refer to our brochure "**PFERDVALUE** – Your added value with PFERD".

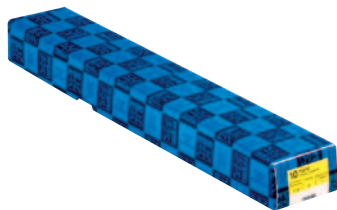


PFERDPRAXIS brochures

Our **PFERDPRAXIS** brochures contain a wealth of useful information on material properties as well as tips and tricks for using PFERD tools on specific materials.

You can find information on the maintenance and care of a saw chain and on the repair of other forestry tools in the "PFERD tools for forestry" PRAXIS FOCUS brochure.





PFERD industrial packaging

PFERD files in industrial packaging are traditionally rolled in paper which protects them against corrosion. Depending on file length, they are packed in packaging units of 5 or 10 pieces (except chain saw files and precision files).

These files are delivered without a handle. They are therefore suitable for experienced users who have their own handles or who would like to purchase these separately according to their individual needs.

Advantages:

- Robust, corrosion- and damage-resistant packaging.
- Easier selection of the optimum file thanks to the colour coding system for fast cut selection.
- Packaging labels with all the important information at a glance.



Point-of-sale packaging

PFERD also offers many of its products in sales-boosting point-of-sale packaging. It is designed to perfectly present the products at the **PFERD TOOL-CENTER**.

Advantages:

- Attractive design.
- Fixture to mount the products on the sales stand.
- Optimal protection against corrosion and damage.

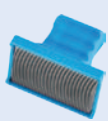
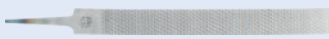


PFERD TOOL-CENTER

On the TOOL-CENTER, the point of sale from PFERD, you will find all the important information required for selecting the most appropriate tool. Your local retailer or PFERD sales adviser will be glad to answer any questions you might have.

Advantages:

- Individual planning on a needs-driven basis.
- Eye-catching and intuitively designed.

Application	Material	Applications	Tool	Page
Filing 	- Steel - Stainless steel (INOX) - Cast iron - Cast steel - Non-ferrous metals - Copper - Bronze - Brass - Zinc	- Chamfering - Deburring - Roughing - Finishing - Surface work - Filing of breakthroughs	Files for the workshop 	8
			Soft metal files 	16
			Milled tooth files 	25
			Precision files 	44
			Tungsten carbide files 	27
Sharpening 	- Saw chains - Saw blades - Band saw blades - Knives - Machetes	Sharpening of saw chains, blades, and band saw blades	Chain saw files 	32
			Three square saw files 	28
			Mill saw files 	31
			Chain saw sharpeners CHAIN SHARP 	35
Car body work 	- Sheet metal - Non-ferrous metals - Plastics	- Surface work - Deburring - Removal of solder spots - Removal of weld spots	Car body files  	23
		- Removal of thin paint layers - Correction of painting faults	Paint peeler 	24
Soft material work 	- Wood - Plastics - Soft stone - Horn	- Roughing - Finishing - Surface work - Deburring - Chamfering	Wood files 	38
			Wood rasps 	39
			Hoof plane and horse rasps 	41
			Special rasps 	42

Files

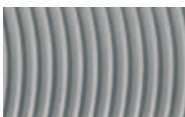
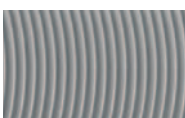
The most common PFERD cuts



Files for the workshop

Cut 1		■ Cross cut. ■ Suitable for coarse stock removal and for roughing.
Cut 2		■ Cross cut. ■ Suitable for universal roughing and finishing.
Cut 3		■ Cross cut. ■ Suitable for fine processing and finishing.

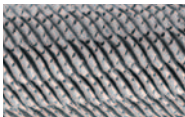
Car body files

Cut 00		■ Radial cut. ■ Suitable for very coarse stock removal and for roughing. ■ Creates score-free surfaces.
Cut 0		■ Radial cut. ■ Suitable for coarse stock removal and for roughing. ■ Creates score-free surfaces.
Cut 1		■ Radial cut. ■ Suitable for coarse stock removal and for roughing. ■ Creates score-free surfaces.
Cut 2		■ Radial cut. ■ Suitable for universal roughing and finishing. ■ Creates score-free surfaces.
Cut 3		■ Radial cut. ■ Suitable for fine stock removal and finishing. ■ Creates score-free surfaces.

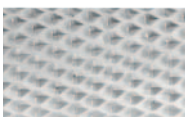
Milled tooth files

Cut 1		■ Straight cut. ■ Suitable for coarse stock removal on soft metals. ■ Because of its milled tooth shape with large flutes, the teeth do not clog up.
Cut 2		■ Straight cut. ■ Suitable for universal roughing and finishing on soft metals. ■ Because of its milled tooth shape with large flutes, the teeth do not clog up.
Cut 3		■ Straight cut. ■ Suitable for fine stock removal on soft metals. ■ Because of its milled tooth shape with large flutes, the teeth do not clog up.

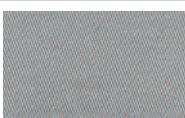
Sharpening files

Classic		■ Classic spiral cut. ■ For users who prefer an aggressive filing action.
Premium		■ Innovative spiral cut. ■ For users who prefer a softer filing action.
Single cut Cut 2		■ Single cut. ■ Universally suited to sharpening.

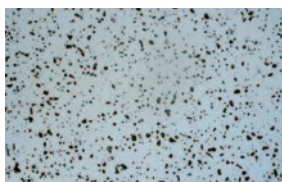
Rasps

Cut 1		■ Rasp cut. ■ Suitable for coarse stock removal and for roughing.
Cut 2		■ Rasp cut. ■ Suitable for universal roughing and finishing.
Cut 3		■ Rasp cut. ■ Suitable for fine processing and finishing.

Precision files

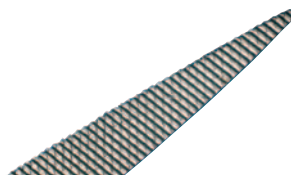
Cut 00		■ Cross cut. ■ Suitable for very coarse precision work.
Cut 0		■ Cross cut. ■ Suitable for coarse precision work.
Cut 1		■ Cross cut. ■ Suitable for medium precision work.
Cut 2		■ Cross cut. ■ Suitable for medium to fine precision work.
Cut 3		■ Cross cut. ■ Suitable for fine precision work.
Cut 4		■ Cross cut. ■ Suitable for very fine precision work.

Several criteria determine PFERD quality



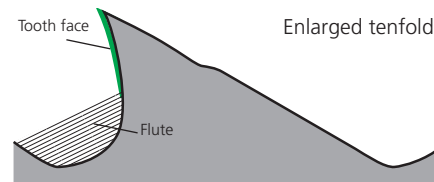
Uniform hardness through flawless steel microstructure

The profiling in the rolling mill, the forging of shape and tang, the annealing prior to cutting and the heat treatment each cause a change in the steel microstructure. The high carbon content of the steel microstructure determines the hardness and cutting performance of the file and must therefore be maintained.



Exact shape and uniform cut from tang to tip

The file blanks acquire their exact shape through forging and grinding. This enables accurate work. Equally spaced cuts and a uniform depth of cut ensure good filing performance and good surface finishes. The type and angle of the cut depend on the purpose for which the file is intended.



Perfectly milled tooth geometries for every application

Tooth shapes suited to various applications ensure the best stock removal rate. There is no universally appropriate tooth shape for every application. PFERD has developed the optimally suitable tooth shapes and tooth geometries for each of the various applications. The figure shows a car body file tooth with its typical rounded tooth face and large flute.

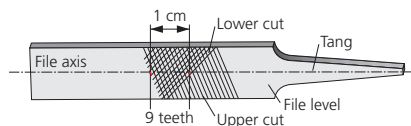
Number of cuts for cut files [cuts/cm] according to DIN 8349

Length (without tang) [mm]	Machinist's files number of cuts $\pm 8\%$			Sharpening files number of cuts $\pm 5\%$					
	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

Determining the number of cuts:

The numbers of cuts for PFERD files conform to DIN 8349 requirements.

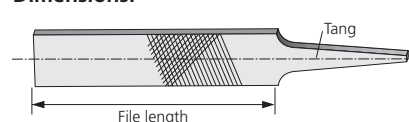
The number of cuts for a file is the number of scores (cuts) per cm of file length, counted along the file axis. For cross cut files, the number of cuts is determined by the upper cut.



Example:

At a length of 250 mm, a cut 1 file has 9 teeth/cm. A 100 mm long cut 1 file has 17 teeth/cm of file length, however. 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 rate) on surfaces and edges as for a longer file.

Dimensions:



The cross-sectional dimensions indicated in the tables are measured across the cut and may vary depending on cut type. For tapered files the cut is measured at the highest and widest position.

PFERD files are manufactured in compliance with DIN and ISO standards.

Colour code for the file cut

The different colours used for the cuts available allow rapid tool selection.

Cut 1	Cut 2	Cut 3
green = coarse	yellow = medium	red = fine
10 Hand Planas paralelas 1112 10" 1	10 Hand Planas paralelas 1112 10" 2	10 Hand Planas paralelas 1112 10" 3

Overview of file designations according to DIN

Designation	Shape symbol	Designation according to DIN 7261	
Hand		1112	A
Flat		1122	B
Three square		1132	C
Square		1142	D
Half-round		1152	E
Round		1162	F
Knife files		1172	G
Lathe files		1612 DE	H

Files for the workshop

Machinist's files, DIN series



PFERD produces files for the workshop with the highest quality standards. They achieve a long service life and high stock removal rates. Three application-oriented cuts are available.

Advantages:

- Consistently high stock removal rate from the tip to the tang.
- Long service life.
- Application-oriented design.
- Half-round and round versions with outstanding filing performance thanks to PFERD spiral cut.

Recommendations for use:

- Choose cut 1 for roughing or coarse stock removal.
- Choose cut 2 for universal use.
- Choose cut 3 for fine processing and finishing.

Materials that can be worked:

- Aluminium
- Bronze
- Copper
- Brass
- Zinc
- Grey cast iron
- Steels up to 1,200 N/mm²
- Cast steel

Applications:

- Deburring
- Surface work
- Work on edges (chamfering, rounding)

Ordering notes:

- PFERD files for the workshop are available in industrial packaging without handle or in POS packaging with ergonomic file handle.

Matching accessories:

- You can find matching ergonomic file handles and other PFERD handles on page 56.



PFERDVALUE:

PFERDERGONOMICS recommends the ergonomic file handle for comfortable work.



Hand (1112)

Rectangular file, cut on three sides, one side uncut. Version with tang. Shape A according to DIN 7261. Suitable for filing rectangular geometries.

Ordering notes:

- Please specify the desired cut.

PFERDVALUE:



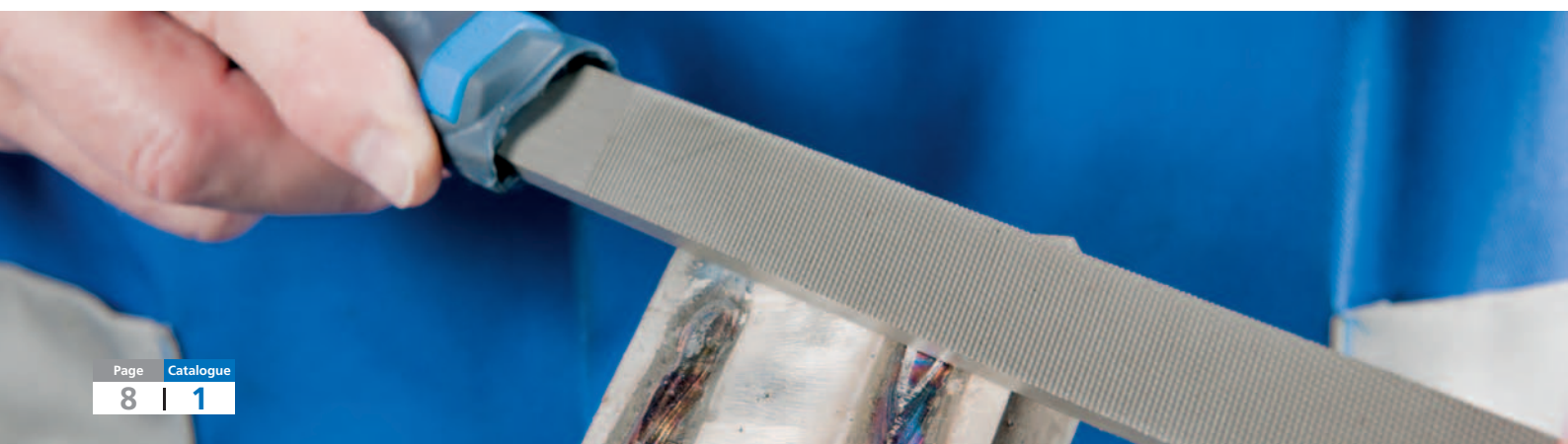
Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1112	100	4	005606	005613	005620	12.0 x 2.5	FH 2	-	10	1112 100 H...
	150	6	005637	005644	005651	16.0 x 4.0	FH 3	-	10	1112 150 H...
	200	8	005668	005675	005682	20.0 x 5.0	FH 4/1	-	10	1112 200 H...
	250	10	005699	005705	005712	25.0 x 6.0	FH 4/1	-	10	1112 250 H...
	300	12	005729	005736	005743	30.0 x 6.5	FH 5/1	-	5	1112 300 H...
	350	14	005750	005767	-	35.0 x 7.5	FH 5/1	-	5	1112 350 H...

POS packaging (with handle)

1112	150	6	541388	541432	541463	16.0 x 4.0	-	FH 3	5	PF 1112 150 H...
	200	8	541494	541524	541555	20.0 x 5.0	-	FH 4/1	5	PF 1112 200 H...
	250	10	541586	541623	541647	25.0 x 6.0	-	FH 4/1	5	PF 1112 250 H...
	300	12	541661	541678	541685	30.0 x 6.5	-	FH 5/1	5	PF 1112 300 H...



Flat (1122)

Rectangular file, tapered and cut on four sides. Version with tang. Shape B according to DIN 7261. Suitable for filing rectangular geometries.



Ordering notes:

■ Please specify the desired cut.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1122	100	4	005811	005828	005835	12.0 x 2.5	FH 2	-	10	1122 100 H...
	150	6	005842	005859	005866	16.0 x 4.0	FH 3	-	10	1122 150 H...
	200	8	005873	005880	005897	20.0 x 5.0	FH 4/1	-	10	1122 200 H...
	250	10	005903	005910	005927	25.0 x 6.0	FH 4/1	-	10	1122 250 H...
	300	12	005934	005941	005958	30.0 x 6.5	FH 5/1	-	5	1122 300 H...
	350	14	005965	-	-	35.0 x 7.5	FH 5/1	-	5	1122 350 H...

POS packaging (with handle)

1122	150	6	669341	669358	669365	16.0 x 4.0	-	FH 3	5	PF 1122 150 H...
	200	8	669372	669389	669396	20.0 x 5.0	-	FH 4/1	5	PF 1122 200 H...
	250	10	669402	669419	669426	25.0 x 6.0	-	FH 4/1	5	PF 1122 250 H...
	300	12	669433	669440	669457	30.0 x 6.5	-	FH 5/1	5	PF 1122 300 H...

Three square (1132)

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



Ordering notes:

■ Please specify the desired cut.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1132	100	4	006603	006610	006627	8.0	FH 2	-	10	1132 100 H...
	150	6	006641	006658	006665	11.0	FH 3	-	10	1132 150 H...
	200	8	006672	006689	006696	13.0	FH 4	-	10	1132 200 H...
	250	10	006702	006719	006726	15.5	FH 5	-	10	1132 250 H...
	300	12	006733	006740	-	18.0	FH 5	-	5	1132 300 H...

POS packaging (with handle)

1132	150	6	541692	541708	541715	11.0	-	FH 3	5	PF 1132 150 H...
	200	8	541722	541739	541746	13.0	-	FH 4	5	PF 1132 200 H...
	250	10	541753	541760	-	15.5	-	FH 5	5	PF 1132 250 H...



Square (1142)

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

Ordering notes:

■ Please specify the desired cut.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1142	100	4	006009	006016	006023	4.0	FH 2	-	10	1142 100 H...
	150	6	006030	006047	006054	6.0	FH 3	-	10	1142 150 H...
	200	8	006061	006078	006085	8.0	FH 4	-	10	1142 200 H...
	250	10	006092	006108	006115	10.0	FH 4	-	10	1142 250 H...
	300	12	006122	006139	-	12.0	FH 5	-	5	1142 300 H...

POS packaging (with handle)

1142	150	6	541777	541784	-	6.0	-	FH 3	5	PF 1142 150 H...
	200	8	541791	541807	-	8.0	-	FH 4	5	PF 1142 200 H...
	250	10	541814	541838	-	10.0	-	FH 4	5	PF 1142 250 H...



Half-round (1152)

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

Ordering notes:

■ Please specify the desired cut.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1152	150	6	006207	006214	006221	16.0 x 4.5	FH 3	-	10	1152 150 H...
	200	8	006238	006245	006252	20.0 x 6.0	FH 4/1	-	10	1152 200 H...
	250	10	006269	006276	006283	25.0 x 7.0	FH 4/1	-	10	1152 250 H...
	300	12	006290	006306	006313	30.0 x 8.5	FH 5/1	-	5	1152 300 H...
	350	14	006320	-	-	35.0 x 10.0	FH 5/1	-	5	1152 350 H...

POS packaging (with handle)

1152	150	6	541845	541852	541869	16.0 x 4.5	-	FH 3	5	PF 1152 150 H...
	200	8	541876	541883	541890	20.0 x 6.0	-	FH 4/1	5	PF 1152 200 H...
	250	10	541906	541920	541937	25.0 x 7.0	-	FH 4/1	5	PF 1152 250 H...
	300	12	541944	-	-	30.0 x 8.5	-	FH 5/1	5	PF 1152 300 H...

Half-round pointed (1152 SP)

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



Ordering notes:

■ Please specify the desired cut.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1152 SP	100	4	006160	006177	006184	10.4 x 2.5	FH 2	-	10	1152 SP 100 H...
	150	6	006955	006962	006979	16.0 x 4.5	FH 3	-	10	1152 SP 150 H...
	200	8	006986	006993	007006	20.0 x 6.0	FH 4/1	-	10	1152 SP 200 H...
	250	10	007013	007020	007037	25.0 x 7.0	FH 4/1	-	10	1152 SP 250 H...
	300	12	007044	007051	007068	30.0 x 8.5	FH 5/1	-	5	1152 SP 300 H...
	350	14	222355	-	-	35.0 x 10.0	FH 5/1	-	5	1152 SP 350 H...

POS packaging (with handle)

1152 SP	150	6	809877	809891	809907	16.0 x 4.5	-	FH 3	5	PF 1152 SP 150 H...
	200	8	809914	809921	809938	20.0 x 6.0	-	FH 4/1	5	PF 1152 SP 200 H...
	250	10	809952	809969	809976	25.0 x 7.0	-	FH 4/1	5	PF 1152 SP 250 H...
	300	12	810002	810019	810026	30.0 x 8.5	-	FH 5/1	5	PF 1152 SP 300 H...

Round (1162)

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



Ordering notes:

■ Please specify the desired cut.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1162	100	4	006405	006412	006429	4.0	FH 2	-	10	1162 100 H...
	150	6	006467	006474	006481	6.0	FH 3	-	10	1162 150 H...
	200	8	006498	006504	006511	7.5	FH 4	-	10	1162 200 H...
	250	10	006528	006535	006542	9.5	FH 4	-	10	1162 250 H...
	300	12	006559	006566	006573	12.0	FH 5	-	5	1162 300 H...
	350	14	006580	-	-	15.0	FH 5	-	5	1162 350 H...

POS packaging (with handle)

1162	150	6	541951	541968	541982	6.0	-	FH 3	5	PF 1162 150 H...
	200	8	541999	542002	542019	7.5	-	FH 4	5	PF 1162 200 H...
	250	10	542026	542040	542057	9.5	-	FH 4	5	PF 1162 250 H...
	300	12	542064	-	-	12.0	-	FH 5	5	PF 1162 300 H...

Files for the workshop

Machinist's files, DIN series



Knife files (1172)

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

Ordering notes:

■ Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle		Description
			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	1172 150 H...
	200	8	006825	006832	006849	20.0 x 6.4 x 1.5	FH 4	10	1172 200 H...
	250	10	006856	006863	-	25.0 x 7.9 x 1.75	FH 4	10	1172 250 H...



PFERD-PLUS files, hand type (1112)

Rectangular file, cut on three sides, one edge uncut. Version with tang. Shape A according to DIN 7261. Outstanding filing performance thanks to the special PFERD-PLUS cut. Suitable for filing rectangular geometries.

Advantages:

- Easy and energy-saving working due to spade-like filing teeth.
- No clogging whilst processing soft materials thanks to a wide chip breaker.
- Can be used universally for all hobby and DIY purposes.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Incl. handle		Description
			PLUS-cut				
							
			EAN 4007220				

POS packaging (with handle)

1112	200	8	542071	20.0 x 5.0	FH 4/1	5	PF 1112 PLUS 200
	250	10	542095	25.0 x 6.0	FH 4/1	5	PF 1112 PLUS 250
	300	12	006948	30.0 x 6.5	FH 5/1	5	PF 1112 PLUS 300

Machinist's files in plastic pouch WR, machinist's files in plastic pouch with cardboard box WRU

Quality files for industry and trade in a protective and climate-resistant PVC pouch for storage in a toolbox or on a workbench. Each file comes with an ergonomic file handle. PFERD also provides the plastic pouches with files that are 200 and 250 mm in length in attractive packaging with a transparent window.

Advantages:

- Suitable for a wide range of applications.
- Available on request with matching plastic pouch to save space when stored.

Ordering notes:

- Please specify the desired type.
- WR = machinist's files in plastic pouch
- WRU = machinist's files in plastic pouch with cardboard box

PFERDVALUE:



Length [mm]	Length [inch]	Type		Contents		Description
		WR	WRU			
		EAN 4007220				
200	8	011409	807965	1112 200 H1, 1142 200 H1, 1152 200 H1, 1162 200 H1, 1552 200 H2	1	520 ... 200
		011416	807972	1112 200 H1, 1132 200 H1, 1142 200 H1, 1152 SP 200 H1, 1162 200 H1	1	531 ... 200
		011423	807989	1112 200 H2, 1132 200 H2, 1142 200 H2, 1152 SP 200 H2, 1162 200 H2	1	532 ... 200
		011430	807996	1112 200 H3, 1132 200 H3, 1142 200 H3, 1152 SP 200 H3, 1162 200 H3	1	533 ... 200
250	10	011447	808009	1112 250 H1, 1132 250 H1, 1142 250 H1, 1152 SP 250 H1, 1162 250 H1	1	541 ... 250
		011454	808016	1112 250 H2, 1132 250 H2, 1142 250 H2, 1152 SP 250 H2, 1162 250 H2	1	542 ... 250
		011461	808023	1112 250 H3, 1132 250 H3, 1142 250 H3, 1152 SP 250 H3, 1162 250 H3	1	543 ... 250
300	12	011478	-	1112 300 H1, 1132 300 H1, 1142 300 H1, 1152 SP 300 H1, 1162 300 H1	1	551 ... 300
		011485	-	1112 300 H2, 1132 300 H2, 1142 300 H2, 1152 SP 300 H2, 1162 300 H2	1	552 ... 300
200 / 300	8 / 12	011508	-	1112 200 H1, 1112 200 H2, 1112 200 H3, 1112 300 H1, 1112 300 H2, 1112 300 H3	1	555 ... 200/300

File set

Quality files designed to meet the needs of DIY users in a protective cardboard box. Precise files with a high stock removal rate and a long service life. Also suitable for sharpening. Each file comes with an ergonomic file handle.

Contents:

The set consists of one file each of

- PF 1512 VZ 200 H1/1, file rasp
- PF 1152 200 H1, half-round file
- PF 1212 VZ 200 H1/2, hobby file

PFERDVALUE:



Length [mm]	Length [inch]	EAN 4007220		Description
200	8	008515	1	PF-Set 300 200



Hobby file (1212)

Rectangular file with different cuts on three sides. Version with tang and ergonomic file handle. Cross cut 1 on front side for roughing, single cut 2 on back side and edge for sharpening.

Advantages:

- For roughing and sharpening using the same tool.
- Suitable for versatile use.

Materials that can be worked:

steel, cast steel

Applications:

deburring, surface work, work on edges, sharpening, fine finishing

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Incl. handle		Description
			Cross cut 1/single cut 2				
			EAN 4007220				

POS packaging (with handle)

1212	200	8	542293	25.0 x 4.5	FH 4/1	5	PF 1212 VZ 200 H1/2
------	-----	---	--------	------------	--------	---	---------------------



File rasp (1512)

Rectangular file with different cuts on both flat sides. Version with tang and ergonomic file handle. Cross cut 1 on front side for roughing, rasp cut 1 on back side for rasping and one cut edge.

Advantages:

- For roughing and sharpening using the same tool.
- Suitable for versatile use.

Materials that can be worked:

soft non-ferrous metal, wood, plastics, steel

Applications:

deburring, cutting out holes, surface work, work on edges

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Incl. handle		Description
			Cross cut 1/rasp cut 1				
			EAN 4007220				

POS packaging (with handle)

1512	200	8	542149	20.0 x 5.0	FH 4/1	5	PF 1512 VZ 200 H1/1
------	-----	---	--------	------------	--------	---	---------------------

Universal sharpening file (1212)

Rectangular file, tanged and single cut 2 on two sides, with rounded, uncut narrow edges and ergonomic file handle. Often referred to as a lawnmower file. Suitable for sharpening cutting tools.

Advantages:

- Long tool life.
- High surface quality with optimum cutting performance.

Materials that can be worked:

steel, cast steel

Applications:

deburring, sharpening

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Incl. handle		Description
			Single cut 2				
							
			EAN 4007220				

POS packaging (with handle)

1212	200	8	542286	25.0 x 4.5	FH 4/1	5	PF 1212 ruk 200 H2
------	-----	---	--------	------------	--------	---	--------------------

Fitter's file (611)

Rectangular file with different milled cuts, tanged and with ergonomic file handle. Straight cut with chip breaker on front side, radial cut on back side, uncut edges. Suitable for various materials and for synthetic resin fillers or wood containing nails as well as steels up to 1,200 N/mm² and cast steel or for work on soldered seams.

Advantages:

- Extremely robust design.
- Suitable for versatile use.

Materials that can be worked:

aluminium, soft non-ferrous metal, wood, plastics, steel, cast steel

Applications:

deburring, work on edges, surface work, roughing

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Incl. handle		Description
			Radial 1/straight 2				
							
			EAN 4007220				

POS packaging (with handle)

611	250	10	542309	24.0 x 5.3	FH 4/1	5	PF 611 250 Z1/2
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Files for aluminium, hand (1612 w)

Rectangular file, tanged and special cut on three sides, one edge uncut. Shape A according to DIN 7261. Particularly suitable for work on soft metals.

Advantages:

- Special tooth geometry prevents the file from clogging.
- Good surface.
- Labour-saving work.

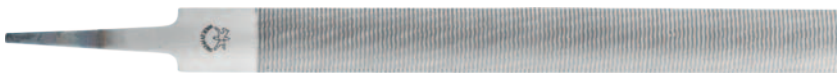
Materials that can be worked:

aluminium, soft non-ferrous metal, plastics

Applications:

deburring, surface work

Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			0				
			 EAN 4007220				
1612 w	250	10	005798	25.0 x 6.0	FH 4/1	10	1612 w 250 H0
	300	12	005804	30.0 x 6.5	FH 5/1	5	1612 w 300 H0



Files for aluminium, half-round (1652 w)

Half-round file, tanged with cut on two sides. Shape E according to DIN 7261. Outstanding filing performance thanks to the PFERD spiral cut on the half-round side. Particularly suitable for work on soft metals.

Advantages:

- Special tooth geometry prevents the file from clogging.
- Good surface.
- Labour-saving work.

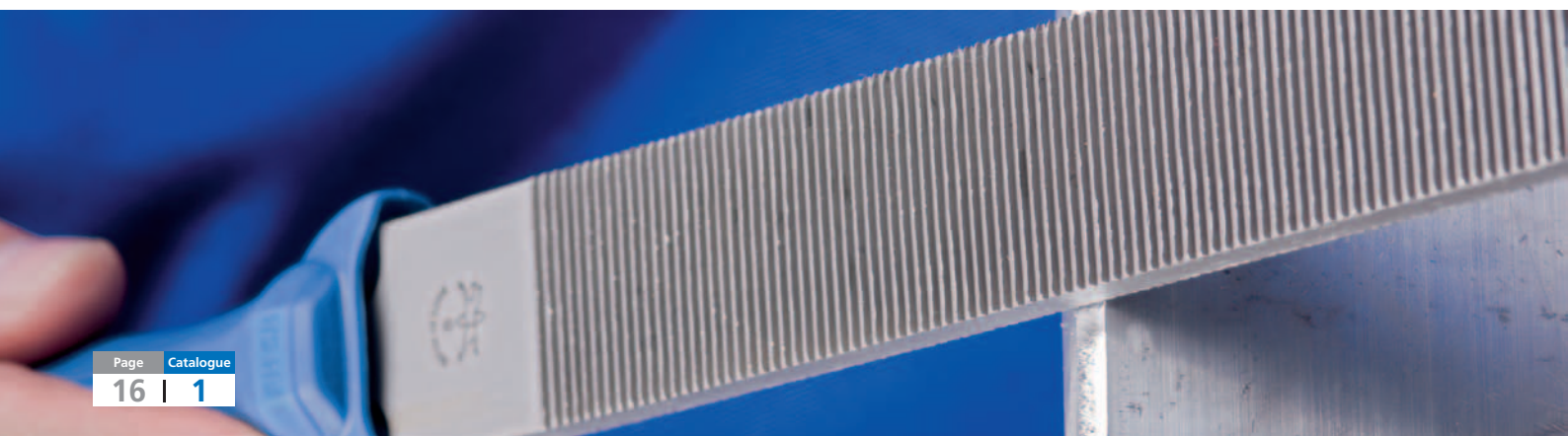
Materials that can be worked:

aluminium, soft non-ferrous metal, plastics

Applications:

deburring, surface work

Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			0				
			 EAN 4007220				
1652 w	250	10	006375	25.0 x 7.0	FH 4/1	10	1652 w 250 H0
	300	12	006399	30.0 x 8.5	FH 5/1	5	1652 w 300 H0



Files for plastics

Rectangular file, tanged and cross cut on three sides, one edge uncut. The cross cut is characterised by a particularly high stock removal rate. Also well suited to work on plastics, particularly duroplastics.

Advantages:

- Particularly high stock removal rate.
- Suitable for versatile use.

Materials that can be worked:

soft non-ferrous metal, plastics

Applications:

deburring, work on edges



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			Cross cut				
			 EAN 4007220				
1312	150	6	006887	16.0 x 2.8	FH 3	10	1312 150
	200	8	006894	20.0 x 3.5	FH 4/1	10	1312 200

Lathe files

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

Advantages:

- Opposed direction of the cut on the front and back side causes the file to move away from the chuck during lathe work. This improves safety.

Materials that can be worked:

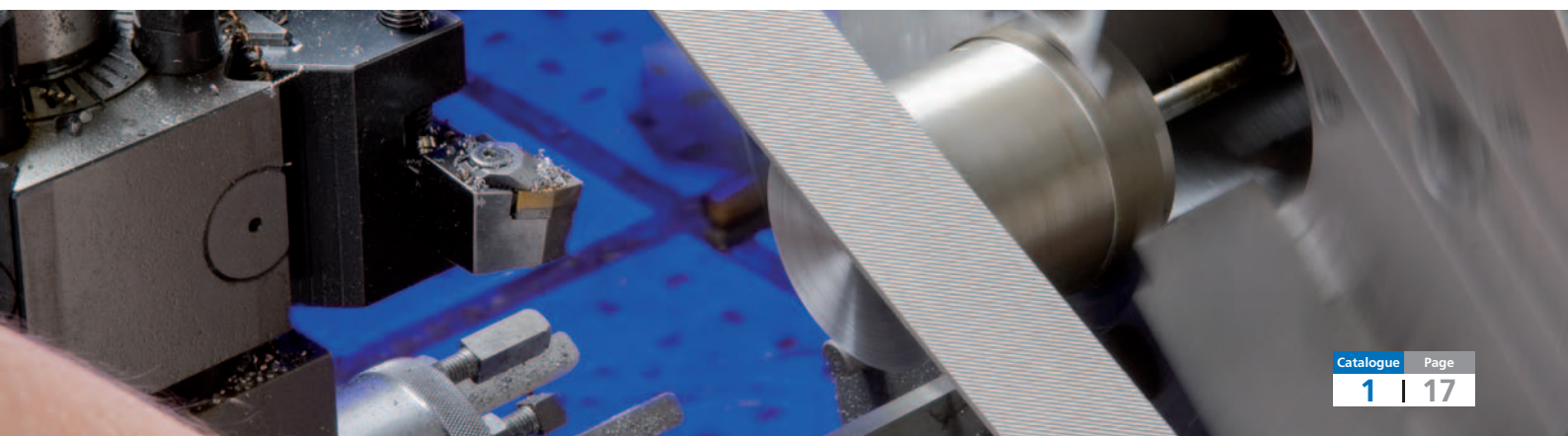
aluminium, hard non-ferrous metal, plastics, steel, cast steel

Applications:

deburring, work on edges



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			Single cut				
			 EAN 4007220				
1612 DE	250	10	011713	25.0 x 6.0	FH 4/1	10	1612 DE 250 H1
	300	12	011720	30.0 x 6.5	FH 5/1	5	1612 DE 300 H1



Files for the workshop

Key files



These small files are perfectly suited to light and delicate filing tasks, especially in tool and mould-making. PFERD produces the different file shapes according to DIN 7283 specifications.

Advantages:

- Versatile application.
- Very handy design for the processing of delicate components.

Materials that can be worked:

- Aluminium
- Copper
- Brass
- Zinc
- Grey cast iron
- Steels up to 1,200 N/mm²
- Cast steel

Applications:

- Deburring
- Surface work
- Work on edges (chamfering, rounding)
- Sharpening
- Finishing

Ordering note:

- PFERD key files are available in industrial packaging without handle or in POS packaging with wooden handle.



Accessories:

PFERD offers a practical quick-mounting handle for key files. File tangs are reliably clamped by simply twisting the two halves of the handle. For ordering data and more information about PFERD file handles, see page 57.



Hand (1117)

Rectangular files that are cut on three sides and uncut on one side. Version with tang.

Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
			EAN 4007220					

Industrial packaging (without handle)

1117	100	4	010624	10.0 x 1.4	FH 2	-	10	1117 100 H2
	150	6	010648	16.0 x 1.8	FH 2	-	10	1117 150 H2

POS packaging (with handle)

1117	100	4	009154	10.0 x 1.4	-	wooden	10	PF 1117 100 H2
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Flat (1127)

Rectangular file, tapered and cut on four sides. Version with tang.

Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle		Description
			EAN 4007220				
1127	100	4	010532	10.0 x 1.4	FH 2	10	1127 100 H2
	150	6	010563	16.0 x 1.8	FH 2	10	1127 150 H2



Three square (1137)

Triangular file, tapered and cut on three sides. Version with tang.



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle		Description
			 EAN 4007220				
1137	100	4	010693	5.0	FH 2	10	1137 100 H2

Square (1147)

Square file, tapered and cut on four sides. Version with tang.



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
			 EAN 4007220					

Industrial packaging (without handle)

1147	100	4	010716	3.0	FH 2	-	10	1147 100 H2
------	-----	---	--------	-----	------	---	----	-------------

POS packaging (with handle)

1147	100	4	009185	3.0	-	wooden	10	PF 1147 100 H2
------	-----	---	--------	-----	---	--------	----	----------------

Half-round (1157)

Half-round file, cut on two sides. Version with tang.



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
			 EAN 4007220					

Industrial packaging (without handle)

1157	100	4	010655	9.0 x 3.0	FH 2	-	10	1157 100 H2
------	-----	---	--------	-----------	------	---	----	-------------

POS packaging (with handle)

1157	100	4	009192	9.0 x 3.0	-	wooden	10	PF 1157 100 H2
------	-----	---	--------	-----------	---	--------	----	----------------

Round (1167)

Round file with circumferential cut. Version with tang.



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
			 EAN 4007220					

Industrial packaging (without handle)

1167	100	4	010679	3.0	FH 2	-	10	1167 100 H2
------	-----	---	--------	-----	------	---	----	-------------

POS packaging (with handle)

1167	100	4	009208	3.0	-	wooden	10	PF 1167 100 H2
------	-----	---	--------	-----	---	--------	----	----------------



Key file set 265 A

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

Contents:

Six key files:

- hand (1117)
- flat (1127)
- three square (1137)
- square (1147)
- half-round (1157)
- round (1167)
- quick-mounting handle

Advantages:

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

Ordering notes:

- Supplied with quick-mounting handle no. 210 in a plastic pouch to protect against dirt and damage.

Length [mm]	Length [inch]	Cut		Description
		2		
		 EAN 4007220		
100	4	011386	1	265 A 100 H2



Key file set 265 B

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

Contents:

Six key files:

- hand (1117)
- flat (1127)
- three square (1137)
- square (1147)
- half-round (1157)
- round (1167)

Advantages:

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

Ordering notes:

- Supplied with mounted wooden handles in a plastic pouch to protect against dirt and damage.

Length [mm]	Length [inch]	Cut		Description
		2		
		 EAN 4007220		
100	4	011393	1	265 B 100 H2



Key file set 265 K

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

Contents:

Six key files:

- hand (1117)
- flat (1127)
- three square (1137)
- square (1147)
- half-round (1157)
- round (1167)

Advantages:

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

Ordering notes:

- Supplied with mounted wooden handles in a metal box to protect against dirt and damage.

Length [mm]	Length [inch]	Cut		Description
		2		
		 EAN 4007220		
100	4	011362	1	265 K 100 H2

Tungsten point file

Rectangular file with flat handle and cut 2 on two sides. Shape A according to DIN 7283. Very thin file, which is particularly suitable for work on contacts and in narrow grooves and slots.

Advantages:

- The punched file handle eliminates the need for an additional handle.
- Very small cross section for use in keyways.
- Handy design.

Materials that can be worked:

soft non-ferrous metal, steel, cast steel

Applications:

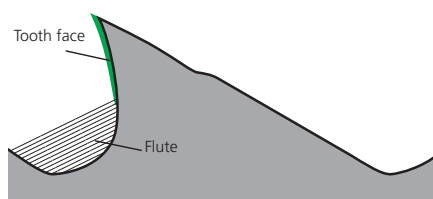
deburring, surface work



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]		Description
			 EAN 4007220			
1118 A	100	4	010747	8.0 x 1.2	10	1118 A 100 H2



Cross section of a file tooth
Enlarged tenfold



Cross section of a car body file
Illustration of convex shape



PFERD car body files are not just needed for automotive body work

They are ideal for **any surface work** on sheet metal, non-ferrous metals and plastics requiring a particularly smooth and scratch-free finish. The surfaces can be painted immediately after filing. No subsequent polishing is necessary, as there are no scratches. The positive rake angle, the convex shape and the unsurpassed sharpness of the teeth provide outstanding filing performance and an optimum surface quality for professional users of PFERD milled car body files.

Ideal tooth shape

The teeth of the car body files are milled from solid material, as distinct from the usual cutting process. Each individual tooth is designed to ensure that the chip rolls up before the rounded tooth face and is found in the large flute. A special finishing treatment produces razor-sharp tooth edges that give these files an outstanding stock removal rate. The car body files are available in five tooth versions and in cross-cut form.

Convex shape prevents scratches

The convex shape means that 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 cross-section shape prevents the edges of the file from coming into contact with the workpiece during processing, thus preventing scratches.

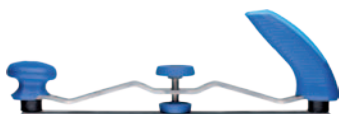
Materials that can be worked:

- Aluminium
- Steels up to 1,200 N/mm²

Applications:

- Levelling
- Surface work

Adjustable holders for car body files



Adjustable holders for car body files

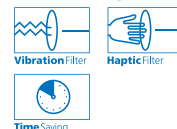
This ergonomic and particularly lightweight holder permits individual tensioning of car body file blades to match the surface contour of the workpiece.

Advantages:

- The bending radius of the file can be steplessly adjusted via the tensioning system.
- Particularly lightweight plastic design without plasticizer.
- Can be used in a focused manner or over a wide area as the car body file can be used curved as well as straight.

- Enables work with low levels of fatigue thanks to vibration-damping rubber pad.

PFERDVALUE:



Suitable for file length [mm]	Suitable for file length [inch]	EAN 4007220		Description
350	14	097915	1	KFH 350



Adjustable holders for car body files

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

Advantages:

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

- Can be used in a focused manner.
- The die-cast aluminium structure is lightweight and stable.

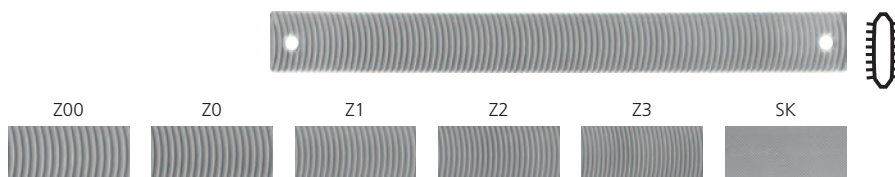
Suitable for file length [mm]	Suitable for file length [inch]	EAN 4007220		Description
300	12	016374	1	BH 125/300
350	14	016381	1	BH 125/350

Car body file blades

Car body file blades can be tensioned individually in the car body file holder and can be adapted to match the surface contour of the workpiece.

Advantages:

- The bending radius of the file can be steplessly adjusted via the tensioning system.
- Convex shape of the file prevents unwanted scratches.
- Can be used in a focused manner.
- Razor-sharp tooth edges.



Profile	Length [mm]	Length [inch]	Cut	Type	EAN 4007220	Cross section [mm]	Teeth per inch		Description
299 b	300	12	1	coarse	016183	31.0 x 4.7	9	1	299 b 300 Z1
	300	12	2	medium	016190	31.0 x 4.7	10	1	299 b 300 Z2
	300	12	3	fine	016206	31.0 x 4.7	12	1	299 b 300 Z3
	350	14	00	extra-coarse	016268	36.0 x 5.8	7	1	299 b 350 Z00
	350	14	0	very coarse	016220	36.0 x 5.2	8	1	299 b 350 Z0
	350	14	1	coarse	016237	36.0 x 4.7	9	1	299 b 350 Z1
	350	14	2	medium	016244	36.0 x 4.7	10	1	299 b 350 Z2
	350	14	3	fine	016251	36.0 x 4.7	12	1	299 b 350 Z3
299 e	350	14	Special cross cut (SK)	-	016312	36.0 x 4.7	-	1	299 e 350

Car body files, tanged type

Car body files, tanged type

File curved in longitudinal and transverse direction (convex), tanged. Cut on one side.

Advantages:

- Convex shape of the file prevents unwanted scratches.
- Can be used in a focused manner.

Applications:

deburring, work on edges (chamfering, rounding)



Profile	Length [mm]	Length [inch]	Cut	EAN 4007220	Cross section [mm]	Matching handle		Description
299 c	350	14	1	016282	34.5 x 7.6	FH 5/1	5	299 c 350 H1
			3	016299	34.5 x 7.6	FH 5/1	5	299 c 350 H3



Milled tooth files

Paint peeler



Paint peeler

The small design of the paint peeler enables work in hard-to-reach areas. It is used for finishing the smallest painted surfaces with the corresponding plastic holder. This plastic holder allows for very fine adjustment of the file using two adjusting screws. Suitable for smoothing, correcting painting faults such as impurities, dust particles and air bubbles as well as removing extremely thin paint layers.

Advantages:

- Convex shape of the file prevents unwanted scratches.
- Precision-cut, razor-sharp teeth provide a very high-quality, scratch-free surface finish.
- Surfaces can be painted or processed immediately.

- File blade can be used on both sides.

Industry:

car, car body and trailer construction, furniture manufacture

Materials that can be worked:

aluminium, steels up to 1,200 N/mm²

Length [mm]	Length [inch]	Cross section [mm]	Cut 3 		Description
			EAN 4007220		

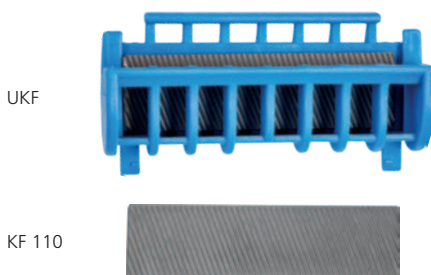
Paint peeler

50	2	36.0 x 4.7	016428	1	LAH Z3
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Square file for paint peelers

50	2	36.0 x 4.7	016329	10	LAHF 50 Z3
----	---	------------	--------	----	------------

Universal chamfer file



Universal chamfer file

Rectangular file in a special plastic holder, straight cut on two sides. Ideal for easy and fast repair and for deburring on the guide rails of chain saws. Regular maintenance extends the service life of the guide rail and saw chain. Increases cutting precision and safety.

Advantages:

- The special holder enables easy tool control and exact, right-angled positioning of the chamfer file on the guide rail.
- Also excellent for sharpening ski edges.

Applications:

work on edges, chamfering, deburring

Ordering notes:

- The universal chamfer file is supplied together with a file blade.
- Spare file blade for universal chamfer file: KF 110 Z2

Materials that can be worked:

aluminium, grey cast iron, steels up to 1,200 N/mm²

Profile	Cut 2 	Cross section [mm]	Replacement file		Description
	EAN 4007220				

Universal chamfer file

UKF	016008	-	KF 110 Z2	1	UKF Z2
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Spare file blade

KF 110	015995	31.0 x 4.7	-	10	KF 110 Z2
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Milled tooth files from PFERD are particularly well suited to coarse stock removal. The highly abrasive milled tooth geometry with large flutes prevents clogging.

Advantages:

- Very aggressive.
- No clogging thanks to the large flutes.

Recommendations for use:

- Choose cut 1 with 8 teeth per inch for coarse stock removal.
- Choose cut 2 with 11 teeth per inch for medium stock removal.
- Choose cut 3 with 17 teeth per inch for fine stock removal.

Materials that can be worked:

- Aluminium
- Grey cast iron
- Steels up to 1,200 N/mm²
- Cast steel
- Copper
- Brass

Applications:

- Levelling
- Deburring
- Surface work
- Work on edges (chamfering, rounding)



Hand

Rectangular file with cuts on three sides. Version with tang. Straight cut with chip breaker on the flat sides, straight cut on the high edge. Suitable for filing rectangular geometries.



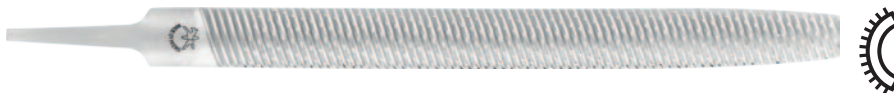
Ordering notes:

- Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle		Description
			1	2	3				
									
			EAN 4007220						
290	250	10	015636	015643	-	25.0 x 5.5	FH 4/1	10	290 250 Z...
	300	12	015650	015667	015674	30.0 x 6.0	FH 5/1	5	290 300 Z...
	350	14	015681	015698	-	36.0 x 7.0	FH 5/1	5	290 350 Z...

Half-round, hollow

Half-round file, hollow and tapered. Version with tang. With chip breaker on the half-round side, straight cut on one side. Suitable for work on radii and for filing of half-round shapes.



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			1				
							
			EAN 4007220				
295	250	10	015711	23.0 x 7.0	FH 4/1	10	295 250 Z1
	300	12	015735	27.0 x 9.0	FH 5/1	5	295 300 Z1



Milled tooth files

Milled tooth file blades



Hand

Rectangular file with two bores for mounting on the file holder, straight cut with chip breaker on the flat sides.

Materials that can be worked:

aluminium, grey cast iron, cast steel, steels up to 1,200 N/mm²

Ordering notes:

■ Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Cut		Cross section [mm]	Matching holder		Description
			1	2				
								
EAN 4007220								
296	300	12	015834	015841	31.0 x 4.7	296a/300	5	296 300 Z...
	350	14	015858	015865	36.0 x 4.7	296a/350	5	296 350 Z...

Holder for file blades



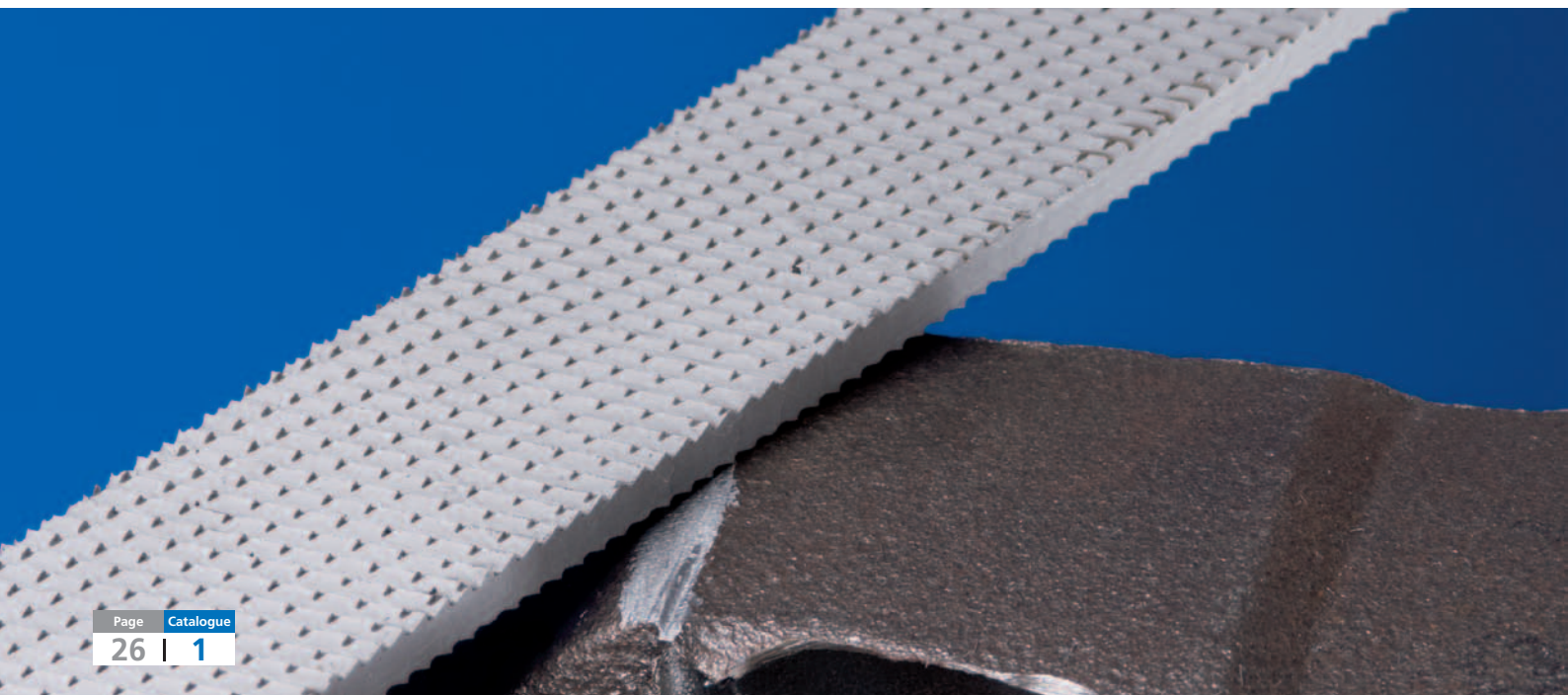
Holder for file blades

This reusable, ergonomic file holder gives optimum file control and optimum filing results. Can be used for car body file blades, comes in two sizes for all PFERD milled file blades.

Advantages:

- Quick tool changes without special tools.
- Handy design.

Suitable for	EAN 4007220	Matching handle		Description
296 300 mm	015896	FH 5/1	1	296a/300
296 350 mm	015902	FH 5/1	1	296a/350



Tungsten carbide files, flat type

Flat tungsten carbide files for work on flat, convex and concave surfaces.

Advantages:

- The best results thanks to radial and convex cut pattern.

Materials that can be worked:

steel, steel materials with a hardness > 54 HRC

Recommendations for use:

- Use tungsten carbide files without chip breakers to achieve a very high surface quality.
- Use tungsten carbide files with chip breakers to achieve a high stock removal rate.

- Tungsten carbide files can be resharpened.

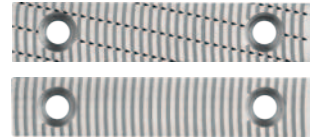
Ordering notes:

- **HMF 5010/1, HMF 13220/1:** Rectangular files, convex in transverse and longitudinal direction, cut on one side.
- **HMF 5010/2, HMF 13220/2:** Rectangular file, convex in transverse direction, cut on two sides, one of which has chip breakers.
- Holders for tungsten carbide files (HMFH) must be ordered separately.

HMF 5010/1
HMF 13220/1



HMF 5010/2
HMF 13220/2



Length [mm]	Length [inch]	EAN 4007220	Teeth per cm	Cross section [mm]	Chip breaker	Matching holder		Description
50	2	016435	10	10 x 5.0	without	HMFH 50	1	HMF 5010/1
		016442	6.5	10 x 5.0	1 side without, 1 side with	HMFH 50	1	HMF 5010/2
132	5 1/4	016473	6.5	20 x 7.0	without	HMFH 132	1	HMF 13220/1
		016480	5	20 x 7.0	1 side without, 1 side with	HMFH 132	1	HMF 13220/2

Tungsten carbide files, round type

Round tungsten carbide files for work on concave shapes and for refining inner radii, e.g. drip edges. Round tungsten carbide files with circumferential cut. The mounting system in the HMFH 51 R file holder allows the files to be rotated around their own axis in 60° steps.

Advantages:

- The unique tooth geometry ensures optimum results.
- Can be used 360°.

Materials that can be worked:

steel, steel materials with a hardness > 54 HRC

Ordering notes:

- Please order holders for tungsten carbide files (HMFH 51 R) separately.

HMF 1050



HMF 1250



Length [mm]	Length [inch]	EAN 4007220	Teeth per cm	Dia. [mm]	Matching holder		Description
50	2	016459	8	10.0	HMFH 51 R	1	HMF 1050
		016466	8	12.0	HMFH 51 R	1	HMF 1250

Holder for tungsten carbide files

Holder for tungsten carbide files

Reusable and ergonomically shaped file holder with ergonomic file handle.

Advantages:

- Optimal file control is guaranteed.
- The best results.
- Rapid tool change.

Ordering notes:

- Please order tungsten carbide files separately.

PFERDVALUE:



HMFH 50



HMFH 132



HMFH 51 R



Matching tungsten carbide files	EAN 4007220		Description
HMF 5010/1, HMF 5010/2	016398	1	HMFH 50
HMF 13220/1, HMF 13220/2	016411	1	HMFH 132
HMF 1050, HMF 1250	016404	1	HMFH 51 R

Sharpening files

Three square saw files



Triangular files, tapered to the tip with tang. Cut on three sides and three edges.

Advantages:

- Good stock removal rate.
- Long service life.
- Versatile application.

Materials that can be worked:

- Steels up to 1,200 N/mm²
- Cast steel

Applications:

- Sharpening

Ordering notes:

- Type POS is supplied with ergonomic file handle.
- Available in the versions regular, slim, extra slim, and ultra-slim according to DIN 7262.



PFERDVALUE:

PFERDERGONOMICS recommends the ergonomic file handle for comfortable work.



Saw files, normal (1232)

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
								
			EAN 4007220					

Industrial packaging (without handle)

1232	125	5	010310	10.0	FH 3	-	10	1232 125 H2
	150	6	010327	12.0	FH 3	-	10	1232 150 H2
	250	10	010358	18.0	FH 4	-	10	1232 250 H2

POS packaging (with handle)

1232	125	5	542347	10.0	-	FH 3	5	PF 1232 125 H2
	150	6	542354	12.0	-	FH 3	5	PF 1232 150 H2



Saw files, slim (1237)

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
								
			EAN 4007220					

Industrial packaging (without handle)

1237	100	4	010365	6.0	FH 2	-	10	1237 100 H2
	125	5	010389	7.0	FH 2	-	10	1237 125 H2
	150	6	010396	8.5	FH 3	-	10	1237 150 H2
	175	7	010402	10.0	FH 4	-	10	1237 175 H2
	200	8	010419	12.0	FH 4	-	10	1237 200 H2

POS packaging (with handle)

1237	125	5	542361	7.0	-	FH 2	5	PF 1237 125 H2
	150	6	542378	8.5	-	FH 3	5	PF 1237 150 H2

Saw files, extra slim (1238)

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
								
			EAN 4007220					

Industrial packaging (without handle)

1238	100	4	010426	5.0	FH 2	-	10	1238 100 H2
	150	6	010457	7.0	FH 2	-	10	1238 150 H2

POS packaging (with handle)

1238	150	6	542408	7.0	-	FH 2	5	PF 1238 150 H2
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Saw files, ultra-slim tapers (1239)



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle		Description
							
			EAN 4007220				
1239	125	5	328286	4.7	FH 2	10	1239 125 H2
	200	8	328316	8.0	FH 3	10	1239 200 H2

Fine saw file

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

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle	Incl. handle		Description
								
			EAN 4007220					

Industrial packaging (without handle)

340	110	4 1/2	011157	6.5 x 4.8	FH 2	-	10	340 110 H2
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POS packaging (with handle)

340	110	4 1/2	542415	6.5 x 4.8	-	FH 2	5	PF 340 110 H2
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Cantsaw file (1230)

Triangular file, tanged. Cut on three sides, non-equilateral triangular shape.



Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle		Description
							
			EAN 4007220				
1230	200	8	011171	19.5 x 11.0	FH 4	10	1230 200 H2

Sharpening files

Three square saw files



Band saw files (1231)

Triangular file, tapered with tang. Cut on three sides, round cut edges. Shape D according to DIN 7262. Suitable for sharpening saw blades.

Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			2				
							
			EAN 4007220				
1231	150	6	011096	14.6	FH 3	10	1231 150 H2
	175	7	011102	15.5	FH 4	10	1231 175 H2
	200	8	011119	17.0	FH 4	10	1231 200 H2

Knife sharpening files



Knife sharpening files (1272)

Triangular file with knife profile, tanged. Cut on two sides and the narrow edge. Shape G according to DIN 7262.

Ordering notes:

■ Type POS is supplied with an ergonomic file handle.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle	Incl. handle		Description
			2					
								
			EAN 4007220					

Industrial packaging (without handle)

1272	200	8	010853	20.0 x 6.4 x 1.5	FH 4/1	-	10	1272 200 H2
	250	10	010860	25.0 x 7.9 x 1.75	FH 4/1	-	10	1272 250 H2

POS packaging (with handle)

1272	200	8	542385	20.0 x 6.4 x 1.5	-	FH 4/1	5	PF 1272 200 H2
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Featheredge file



Featheredge file

File with rhomboid cross section with feather edge profile, tanged. Cut on four sides.

Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			2				
							
			EAN 4007220				
305	200	8	010884	32.0 x 6.0	FH 5/1	10	305 200 H2

Mill saw files (1212)

Rectangular file, tanged. Available in three versions: With two straight edges (1212), with one round and one straight edge (1212 gr), with two round edges (1212 r) and cut on four sides. Shape E according to DIN 7276.

Ordering notes:

- Type POS is supplied with an ergonomic file handle.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle	Incl. handle		Description
			2					
								
			EAN 4007220					

Industrial packaging (without handle)

1212	200	8	010914	20.0 x 3.5	FH 4/1	-	10	1212 200 H2
	250	10	010921	25.0 x 4.5	FH 4/1	-	10	1212 250 H2
	300	12	010938	30.0 x 5.0	FH 5/1	-	10	1212 300 H2

Industrial packaging (without handle) – gr

1212 gr	150	6	010945	16.0 x 3.0	FH 3	-	10	1212 gr 150 H2
	200	8	010952	20.0 x 3.5	FH 4/1	-	10	1212 gr 200 H2
	250	10	010976	25.0 x 4.5	FH 4/1	-	10	1212 gr 250 H2
	300	12	010983	30.0 x 5.0	FH 5/1	-	10	1212 gr 300 H2

POS packaging (with handle) – gr

1212 gr	200	8	542248	20.0 x 3.5	-	FH 4/1	5	PF 1212 gr 200 H2
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Industrial packaging (without handle) – r

1212 r	200	8	011003	20.0 x 3.5	FH 4/1	-	10	1212 r 200 H2
	250	10	011027	25.0 x 4.5	FH 4/1	-	10	1212 r 250 H2
	300	12	011034	30.0 x 5.0	FH 5/1	-	10	1212 r 300 H2

POS packaging (with handle) – r

1212 r	200	8	542255	20.0 x 3.5	-	FH 4/1	5	PF 1212 r 200 H2
	250	10	542279	25.0 x 4.5	-	FH 4/1	5	PF 1212 r 250 H2

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

Rectangular file, tapered with tang. Cut on four sides. Shape E according to DIN 7262.

Applications:

sharpening, deburring, surface work

Ordering notes:

- Please specify the desired cut.



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle		Description
			1	2	3				
									
EAN 4007220									
1212 SP	150	6	011546	-	011560	16.0 x 3.0	FH 3	10	1212 SP 150 H...
	200	8	011577	011584	011591	20.0 x 3.5	FH 4/1	10	1212 SP 200 H...
	250	10	011607	011614	011621	25.0 x 4.5	FH 4/1	10	1212 SP 250 H...
	300	12	011638	011645	011652	30.0 x 5.0	FH 5/1	10	1212 SP 300 H...

Sharpening files

Chain saw files



Chain saw files, round

Round file for manual sharpening of saw chains with precise spiral cut for outstanding sharpness and particularly long tool life. For fast, score-free sharpening of saw teeth. In comparison to machine sharpening, these files remove stock sparingly without thermal loads due to friction on the metal.

Advantages:

- **Classic Line:** Optimum combination of tool life and stock removal rate, aggressive filing for quick sharpening.
- **Premium Line:** Perfect sharpness thanks to innovative spiral cut, for ensuring a fine tooth surface for maximum cutting performance and a gentler feel to the tool whilst filing.

Materials that can be worked:
steels up to 1,200 N/mm²

Applications:

sharpening

Ordering notes:

- Please specify the desired Performance Line.
- Chain saw files 412, file diameter 3.2 mm, are supplied with a round cylindrical tang.
- Available in different diameters, suitable for all common saw chains.
- Packaging units of 6 and 60 pieces in a practical cardboard box.

Profile	Length [mm]	Length [inch]	Dia. [mm]	Dia. [inch]	Performance Line		Chain pitch [inch]	Matching handle		Description
					Classic Line	Premium Line				
										
					EAN 4007220					
412	200	8	3.5	9/64	005194	-	1/4 LP*	SH 220	6	412 200 x 3,5 ...
			4.0	5/32	005217	021897	1/4 , 3/8 LP*	FH 2	6	412 200 x 4,0 ...
			4.5	11/64	005224	021910	.325	FH 2	6	412 200 x 4,5 ...
			4.8	3/16	005231	021927	.325	HKSF 100, FH 2, FH 3	6	412 200 x 4,8 ...
			5.16	13/64	005248	021934	3/8	HKSF 100, FH 3	6	412 200 x 5,16 ...
			5.5	7/32	005255	021941	3/8 , 404	HKSF 100, FH 3	6	412 200 x 5,5 ...
			6.3	1/4	005262	-	-	HKSF 100, FH 3	6	412 200 x 6,3 ...
			7.0	9/32	005279	-	-	HKSF 100, FH 3	6	412 200 x 7,0 ...
			7.9	5/16	005286	-	3/4	HKSF 100, FH 3	6	412 200 x 7,9 ...

Always observe the current guidelines and recommendations of the equipment and saw chain manufacturers. * LP = Low Profile

Packing system for PFERD chain saw files

Pack of 6

6 chain saw files



Display box

60 chain saw files
= 10 packs of 6



You can find matching ergonomic file handles for PFERD chain saw files on page 56.

Chain saw files in plastic pouch 3 pc. packaging

Three round files with spiral cut in promotional plastic packaging to protect against dirt and damage.

Advantages:

- The opening on the front of the packaging makes it easier to remove and return the files.
- **Classic Line:** Optimum combination of tool life and stock removal rate, aggressive filing for quick sharpening.
- **Premium Line:** Perfect sharpness thanks to innovative spiral cut, for ensuring a fine

tooth surface for maximum cutting performance and a gentler feel to the tool whilst filing.

Ordering notes:

- Please specify the desired Performance Line.
- Chain saw files 412, file diameter 3.2 mm, are supplied with a round cylindrical tang.
- One packaging unit contains four plastic packs, each containing three files.



Profile	Length [mm]	Length [inch]	Dia. [mm]	Dia. [inch]	Performance Line		Chain pitch [inch]	Matching handle		Description
					Classic Line	Premium Line				
										
					EAN 4007220					

POS packaging

412	200	8	3.2	1/8	959534	-	1/4 LP*	SH 220	12	412 4x3 200 3,2 ...
			4.0	5/32	958803	056899	1/4 , 3/8 LP*	FH 2	12	412 4x3 200 4,0 ...
			4.5	11/64	072868	072875	.325	FH 2	12	412 4x3 200 4,5 ...
			4.8	3/16	958810	057339	.325	HKSF 100, FH 2, FH 3	12	412 4x3 200 4,8 ...
			5.16	13/64	056875	063965	3/8	HKSF 100, FH 3	12	412 4x3 200 5,16 ...
			5.5	7/32	958827	064214	3/8 , 404	HKSF 100, FH 3	12	412 4x3 200 5,5 ...

Always observe the current guidelines and recommendations of the equipment and saw chain manufacturers. * LP = Low Profile

Chain saw files in plastic pouch 2 pc. packaging

Two round Classic Line files with spiral cut in promotional plastic packaging to protect against dirt and damage.

Advantages:

- The overlapping opening on the rear ensures that no files can inadvertently slide out of the packaging.

- **Classic Line:** Optimum combination of tool life and stock removal rate, aggressive filing for quick sharpening.

Ordering notes:

- One packaging unit contains twenty plastic packs, each containing two files.



Profile	Length [mm]	Length [inch]	Dia. [mm]	Dia. [inch]	Performance Line	Chain pitch [inch]	Matching handle		Description
					Classic Line				
									
					EAN 4007220				

POS packaging

412	200	8	4.0	5/32	005408	1/4 , 3/8 LP*	FH 2	40	4122 SK-4,0 200 Classic
			4.8	3/16	005415	.325	HKSF 100, FH 2, FH 3	40	4122 SK-4,8 200 Classic
			5.16	13/64	045718	3/8	HKSF 100, FH 3	40	4122 SK-5,16 200 Classic
			5.5	7/32	005422	3/8 , 404	HKSF 100, FH 3	40	4122 SK-5,5 200 Classic

Always observe the current guidelines and recommendations of the equipment and saw chain manufacturers. * LP = Low Profile



Sharpening files

Chain saw files



Wooden handles for chain saw files

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

Advantages:

- Optimized filing angle ensures precise, even filing.

Suitable for chain saw file diameter [mm]	EAN 4007220	Overall length [mm]		Description
4.8 / 5.16 / 5.5 / 6.3 / 7.0 / 7.9	015407	100	10	HKSF 100/10
	015391	100	100	HKSF 100/100

FH 1 KSF



KSSL



Ergonomic file handle, chain saw gauge

The chain saw gauge supports consistent sharpening results by providing the correct sharpening angle. It is attached to the stud of the ergonomic file handle FH 1 KSF.

Ordering notes:

- Please order ergonomic file handle FH 1 KSF separately.
- The chain saw gauge is available in two versions: an angle of 25°/30° and an angle of 30°/35°.

PFERDVALUE:



Suitable for chain saw file diameter [mm]	EAN 4007220	Overall length [mm]		Description
4.0 / 4.5 / 4.8 / 5.16 / 5.5	535707	120	10	FH 1 KSF
	551899	-	10	KSSL 25/30
	536308	-	10	KSSL 30/35



You can find information on the maintenance and care of a saw chain and on the repair of other forestry tools in the "PFERD tools for forestry" PRAXIS FOCUS brochure.



In our pocket guide "Sharpening saw chains", we have concisely summarised all the important information that you need for sharpening your saw chains.

Chain saw sharpeners from PFERD are exceptionally well suited to the manual sharpening of saw chains. Manual sharpening is more economic and much more gentle than machine-based sharpening, and can prolong the operating life of the saw chain.

Advantages:

- Flexible use on-site due to compact device design.
- Easy to use and defined sharpening angle.
- Long operating life due to interchangeable files.
- Precise and uniform sharpening result, even for inexperienced users.

Materials that can be worked:

- Steels up to 1,200 N/mm²

Applications:

- Sharpening



CHAIN SHARP CS-X chain saw sharpeners

The CHAIN SHARP CS-X chain saw sharpener stands out due to its excellent file position, ergonomic shape and easier operation. The device provides a sharpening angle of 30°. The defined depth gauge distance can be found in the table.

Contents:

The chain saw sharpener consists of:

- One sharpener
- One depth gauge file
- Two Classic Line chain saw files

Advantages:

- Turn the device over to change from the right to the left tooth – no conversion work required.
- Optimized shape for precise guidance and optimal sharpening results.
- Improved design makes it easy to replace the files.
- For simultaneously sharpening the saw teeth and adjusting the depth gauge.

Ordering notes:

- PFERD offers five types of the CHAIN SHARP CS-X chain saw sharpener adapted to different chain pitches.
- The sharpener is supplied with detailed operating instructions in a transparent, reusable plastic pouch which protects against damage and dirt.

PFERDVALUE:



CS-X-3,2



CS-X-4,0
CS-X-4,8
CS-X-5,16
CS-X-5,5



Suitable for chain saw file diameter [mm]	Suitable for chain saw file diameter [inch]	EAN 4007220	Chain pitch [inch]	Depth gauge distance [mm]	Matching depth gauge file		Description
3.2	1/8	943731	1/4 LP*	0.45	4132	1	CS-X-3,2
4.0	5/32	835913	3/8 LP*	0.65	4132	1	CS-X-4,0
4.8	3/16	835920	.325	0.65	4132	1	CS-X-4,8
5.16	13/64	835937	3/8	0.65	4132	1	CS-X-5,16
5.5	7/32	835944	.404	0.75	4132	1	CS-X-5,5

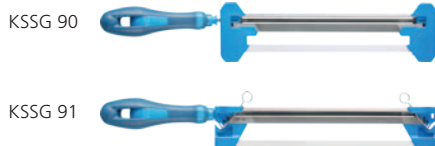
POS packaging

* LP = Low Profile



Sharpening files

Chain saw sharpeners CHAIN SHARP



CHAIN SHARP KSSG chain saw sharpeners

You can convert the device for sharpening the right and left cutting teeth in a few steps. The device provides a sharpening angle of 35°. The defined depth gauge distance can be found in the table.

Contents:

- The chain saw sharpener consists of:
- One sharpener
- One Classic Line chain saw file
- One depth gauge file
- One ergonomic file handle FH 1 KSF

Advantages:

- Maximum precision for optimal sharpening results.
- For simultaneously sharpening the saw teeth and adjusting the depth gauge.

Ordering notes:

- Available in three types that are adapted to different chain pitches.
- The sharpener is supplied with detailed operating instructions in a transparent, reusable plastic pouch which protects against damage and dirt.

PFERDVALUE:



Suitable for chain saw file diameter [mm]	Suitable for chain saw file diameter [inch]	EAN 4007220	Chain pitch [inch]	Depth gauge distance [mm]	Matching depth gauge file		Description
4.0	5/32	005460	3/8 LP*	0.65	4131	1	KSSG 91-4,0
4.8 / 5.5	3/16 , 7/32	005439	.325	0.65	4130	1	KSSG 90-4,8
		005446	3/8	0.65	4130	1	KSSG 90-5,5

POS packaging

* LP = Low Profile



CHAIN SHARP MT chain saw sharpeners

The compact CHAIN SHARP MT sharpening solution combines a chain saw file and a depth gauge file in one ergonomic tool. The defined elevation of the chain saw file makes sharpening the saw teeth easier and prevents the connecting links of the saw chain from being damaged. The side-mounted depth gauge file allows you to individually set the depth limit. The gauge provided gives depth spacings of 0.65 mm (.025") for harder wood or 0.75 mm (.030") for softer wood.

Contents:

- The chain saw sharpener consists of:
- One sharpener
- One Classic Line chain saw file
- One depth limit file
- One ergonomic file handle
- One depth gauge

Advantages:

- Compact sharpener.
- Depth gauge can be individually adjusted.
- Suitable for all common chain saw files.
- Long tool life with PFERD files.

Ordering notes:

- Available in four designs for the most common chain pitches.
- The sharpener is supplied with detailed operating instructions in a belt pouch which protects against damage and dirt.

PFERDVALUE:



Suitable for chain saw file diameter [mm]	Suitable for chain saw file diameter [inch]	EAN 4007220	Chain pitch [inch]	Matching depth gauge file		Description
4.0	5/32	098646	3/8 LP*	1213 ruk 150	1	CS-MT-4,0
4.8	3/16	098677	.325	1213 ruk 150	1	CS-MT-4,8
5.16	13/64	098684	3/8	1213 ruk 150	1	CS-MT-5,16
5.5	7/32	098707	.404	1213 ruk 150	1	CS-MT-5,5

* LP = Low Profile

Depth gauge file for CHAIN SHARP CS-X

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

Advantages:

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

Profile	Length [mm]	Length [inch]	Cut	EAN 4007220	Cross section [mm]	Suitable for		Description
4132	200	8	2	831335	9.0 x 6.0	CS-X-3,2, CS-X-4,0, CS-X 4,8, CS-X 5,16, CS-X 5,5	10	4132 200

Depth gauge files for CHAIN SHARP KSSG

Rectangular file with cut on two sides. Available in two different cross sections. Suitable for the CHAIN SHARP KSSG chain saw sharpener.

Advantages:

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

Profile	Length [mm]	Length [inch]	Cut	EAN 4007220	Cross section [mm]	Suitable for		Description
4130	200	8	2	011218	9.0 x 6.0	KSSG 90-4,8, KSSG 90-5,5	10	4130 200
4131	200	8	2	011225	7.0 x 4.5	KSSG 91-4,0	10	4131 200

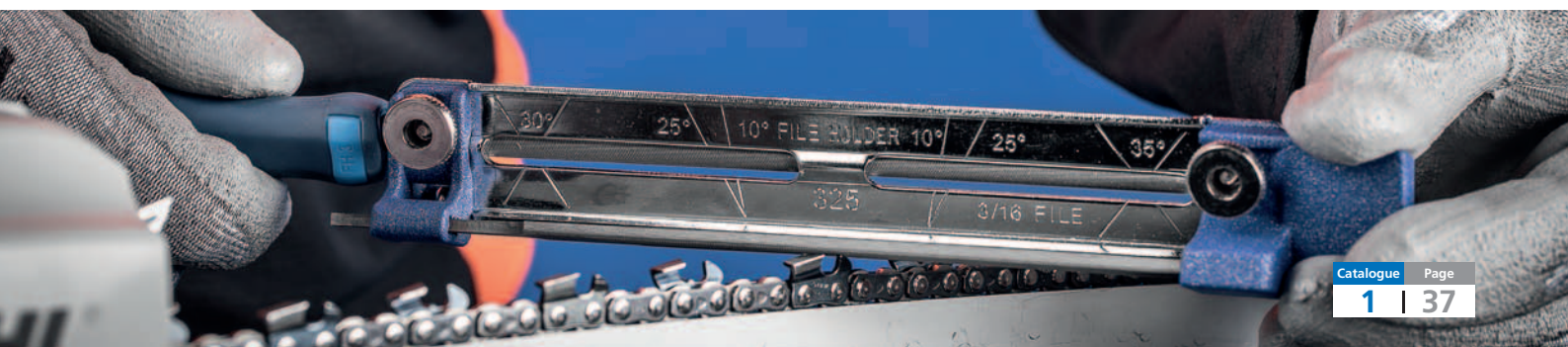
Flat chain saw files for depth gauges

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

Advantages:

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

Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle		Description
							
			EAN 4007220				
1213 ruk	150	6	011041	16.0 x 3.0	FH 3	10	1213 ruk 150 H2
	200	8	011058	20.0 x 3.5	FH 4/1	10	1213 ruk 200 H2



Files and rasps for wood

Wood files



PFERD quality files which are particularly suited to the coarse stock removal of wood.

Advantages:

- High stock removal rate.
- Good chip removal.

Applications:

- Surface work
- Filing of radius areas
- Filing of half-round shapes
- Deburring
- Work on edges (chamfering, rounding)

Materials that can be worked:

- Wood
- Plastics



Wood files

Half-round file with special file cut on two sides. Shape C according to DIN 7263. Version with tang.

Profile	Length [mm]	Length [inch]	Cut 2	Cross section [mm]	Matching handle		Description
			 EAN 4007220				
1159	200	8	006368	20.0 x 6.0	FH 4/1	10	1159 200 H2
	250	10	006382	25.0 x 7.0	FH 4/1	10	1159 250 H2



Cabinet files

Half-round file, tapered with special cut on two sides. Flatter and wider design in comparison to the half-round file. Shape F according to DIN 7263. Version with tang.

Profile	Length [mm]	Length [inch]	Cut 1	Cross section [mm]	Matching handle		Description
			 EAN 4007220				
1158	200	8	009840	23.0 x 4.7	FH 4/1	5	1158 200 H1
	250	10	009857	29.0 x 6.0	FH 4/1	5	1158 250 H1



PFERD quality rasps which are particularly suited to the coarse stock removal of wood.

Advantages:

- High stock removal rate.
- Good chip removal.

Materials that can be worked:

- Wood

Applications:

- Deburring
- Surface work
- Chamfering
- Work on edges (chamfering, rounding)

Ordering note:

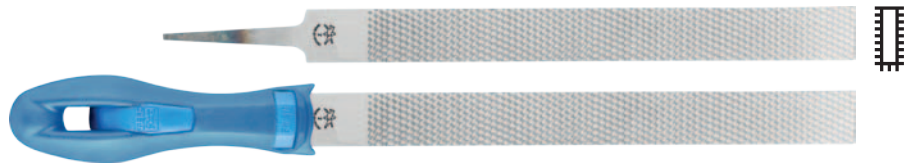
- Type POS is supplied with ergonomic file handle.
- Please specify the desired cut.

PFERDVALUE:

PFERDERGONOMICS recommends the ergonomic file handle for comfortable work.

Hand wood rasps

Rectangular file with cut on three sides, flat sides with rasp cut, one edge with file cut, one edge uncut. Shape A according to DIN 7263. Version with tang.



PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut		Cross section [mm]	Matching handle	Incl. handle		Description
			1	2					
									
EAN 4007220									

Industrial packaging (without handle)

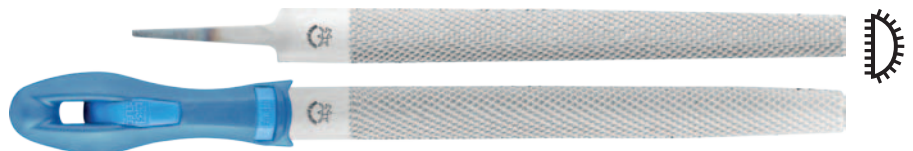
1512	200	8	-	009550	20.0 x 6.5	FH 4/1	-	10	1512 200 H...
	250	10	009567	009574	25.0 x 7.5	FH 4/1	-	10	1512 250 H...

POS packaging (with handle)

1512	200	8	-	542125	20.0 x 6.5	-	FH 4/1	5	PF 1512 200 H...
	250	10	-	542132	25.0 x 7.5	-	FH 4/1	5	PF 1512 250 H...

Half-round wood rasps

Half-round file, tapered with rasp cut on two sides. Shape C according to DIN 7263. Version with tang.



PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle	Incl. handle		Description
			1	2	3					
										
EAN 4007220										

Industrial packaging (without handle)

1552	150	6	-	009598	-	16.0 x 6.0	FH 3	-	10	1552 150 H...
	200	8	009611	009628	-	21.0 x 7.5	FH 4/1	-	10	1552 200 H...
	250	10	009659	009666	009673	25.0 x 8.5	FH 4/1	-	10	1552 250 H...
	300	12	009697	009703	-	30.0 x 10.0	FH 5/1	-	5	1552 300 H...

POS packaging (with handle)

1552	150	6	-	542163	-	16.0 x 6.0	-	FH 3	5	PF 1552 150 H...
	200	8	542187	542194	-	21.0 x 7.5	-	FH 4/1	5	PF 1552 200 H...
	250	10	-	542217	-	25.0 x 8.5	-	FH 4/1	5	PF 1552 250 H...

Files and rasps for wood

Wood rasps



Round wood rasps (1562)

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

PFERDVALUE:



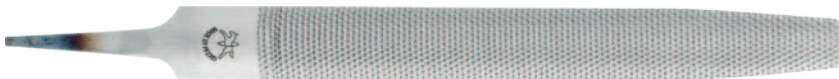
Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle	Incl. handle		Description
			2					
								
EAN 4007220								

Industrial packaging (without handle)

1562	200	8	009710	9.5	FH 4	-	10	1562 200 H2
	250	10	009727	11.5	FH 4	-	10	1562 250 H2

POS packaging (with handle)

1562	200	8	542224	9.5	-	FH 4	5	PF 1562 200 H2
	250	10	542231	11.5	-	FH 4	5	PF 1562 250 H2



Cabinet rasps (1558)

Half-round file, tapered with rasp cut on two sides. Shape D according to DIN 7263. Version with tang. Wider and flat than a half-round wood rasp. Suitable for work on surfaces, radii, half-round profiles and edges (chamfering and rounding).

Profile	Length [mm]	Length [inch]	Cut			Cross section [mm]	Matching handle		Description
			2	3	5				
									
EAN 4007220									
1558	200	8	009758	-	-	25.0 x 6.0	FH 4/1	5	1558 200 H...
	250	10	009789	009796	009802	29.0 x 7.0	FH 4/1	5	1558 250 H...
	300	12	009819	-	-	34.0 x 8.0	FH 5/1	5	1558 300 H...



Hoof plane

Rectangular file, tanged and cut on four sides. One side fine, one side rough. Suitable for straightening the hoof surface, for finishing the hoof wall, for filing the toes and for work on the hoof nails after undercutting.

Advantages:

- Long tool life.
- Very good surface quality.
- Saves on labour and reduces the strain on the back.
- Comfortable filing for humans and animals.

Materials that can be worked:

wood, horn

Recommendations for use:

- The PFERD hoof plane file can be used with commercial file handles in the corresponding sizes.

PFERDVALUE:



Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			milled				
			 EAN 4007220				
3515	350	14	809631	44.0 x 6.0	FH 5	5	3515 350

Horse rasp, tanged type

Rectangular file, tanged and cut on four sides, one flat side with a rasp cut, one flat side with a cross cut, two edges with a file cut. Shape B according to DIN 7263.

Advantages:

- Very robust tool.

Profile	Length [mm]	Length [inch]	Cut	Cross section [mm]	Matching handle		Description
			Rasp/filing cut 1				
			 EAN 4007220				
3510	350	14	009901	40.0 x 6.0	FH 5	5	3510 350 H1



Files and rasps for wood

Special rasps



Special rasps from PFERD are used by numerous professionals in many industries for different applications. They are used for the processing of carved woodwork, plastics, relief ornaments, casting patterns and areas which are hard to reach.

Advantages:

- Universally suitable for many materials.
- Application-oriented versions.

Materials that can be worked:

- Wood
- Soft stone
- Plastics
- Horn



Sculptor's file rasp

Half-round file rasp with two curved ends, each with different cuts (file cut and rasp cut).

Profile	Length [mm]	Length [inch]	Cut		Description
			2  EAN 4007220		
3553	200	8	009932	5	3553 200 H2



Staircase maker's file rasp

File rasp with two half-round, curved ends with rasp cut on the outer radius and file cut on the inner radius.

Profile	Length [mm]	Length [inch]	Cut		Description
			2  EAN 4007220		
3554	250	10	009529	5	3554 250 H2



Staircase maker's rasp

Half-round, curved file body with rasp cut on the half-round side. Strongly curved, half-round profile allows you to work on various radii. Suitable for reworking handrails, ornaments, carved woodwork, sculptures and casting patterns.

Profile	Length [mm]	Length [inch]	Cut		Description
			2  EAN 4007220		
3556	250	10	009512	2	3556 250 H2

Needle rasps

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

Materials that can be worked:

wood, soft stones, plastics, horn

Applications:

deburring, surface work, work on edges, chamfering, rounding

Recommendations for use:

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



Profile	Length [mm]	Length [inch]	Swiss cut	Shank dia. [mm]		Description
			2			
			 EAN 4007220			
hand	140	5 1/2	346013	3.0	12	2501 140 H2
half-round	140	5 1/2	346051	3.0	12	2502 140 H2
flat	140	5 1/2	346006	3.0	12	2506 140 H2
three square	140	5 1/2	346020	3.0	12	2507 140 H2
square	140	5 1/2	346037	3.0	12	2508 140 H2
round	140	5 1/2	346044	3.0	12	2510 140 H2

Needle rasp set

Needle rasp set

Contains an application-oriented selection of needle rasps for work in hard-to-reach areas.

Contents:

Six needle rasps:

- flat (2506)
- hand (2501)
- three square (2507)
- square (2508)
- round (2510)
- half-round (2502)

Advantages:

- Can be used with or without a file handle thanks to the forged shanks.

Materials that can be worked:

wood, soft stones, plastics, horn

Applications:

deburring, surface work, work on edges, chamfering, rounding

Ordering notes:

- Supplied in a clearly structured plastic pouch to protect against dirt and damage.



Length [mm]	Length [inch]	Swiss cut	Contents [pcs.]		Description
		2			
		 EAN 4007220			
140	5 1/2	235522	6	1	2527 140 H2

PFERD precision files meet the highest demands when it comes to geometric accuracy, cutting performance and service life. Compared to machinist's files, precision files are more exact in their geometry.

They are used in jig and tool construction, especially for the manufacture of tools for the punching, forming, forging, embossing of series items etc.

In addition, precision files are suitable for assembling tasks and building complex devices and machines to the highest precision standards. For all precision files, the cross section is measured at the uncut part of the file.

Table of cuts for precision files

Number of cuts per cm

Cuts	Swiss cut 00 	Swiss cut 0 	Swiss cut 1 	Swiss cut 2 	Swiss cut 3 	Swiss cut 4 	Swiss cut 5 
Type of file	[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
Tang files No. 800–875 250 mm	12	16	20	25	31	38	46
CORINOX files No. 800–860 150 and 200 mm	16	20	–	31	–	–	–
Needle files No. 2401–2416	20	25	31	38	46	56	–
CORINOX 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–775P 180 mm	–	16	–	25	–	–	–
Riffler files No. 410P–480P 300 mm	–	12	–	20	–	–	–



Precision files, tanged

Small, handy files for use on delicate workpieces.

Advantages:

- Small, handy design.
- Particularly suitable for work on small and delicate workpieces.

Materials that can be worked:

steels up to 1,200 N/mm²

Applications:

deburring, surface work, work on edges (chamfering, rounding), fine finishing

Ordering notes:

- Please specify the desired cut.



Profile	Length [mm]	Length [inch]	Cut						Cross section [mm]	Matching handle		Description
			00	0	1	2	3	4				
												
EAN 4007220												
pottance files, hand	100	4	279595	279601	279618	279625	279632	279649	13.0 x 3.0	FH 2	12	800 100 H...
	150	6	279656	279663	279670	279687	279694	279700	18.0 x 4.0	FH 3	12	800 150 H...
	200	8	279717	279724	279731	279748	279755	279762	22.0 x 5.0	FH 4/1	12	800 200 H...
pillar files, regular	150	6	279793	279809	-	279816	-	-	13.0 x 4.0	FH 3	12	810 150 H...
	200	8	279823	279830	-	279847	-	-	15.0 x 5.0	FH 4/1	12	810 200 H...
	250	10	279854	279861	-	279878	-	-	18.0 x 6.0	FH 4/1	12	810 250 H...
pillar files, slim	150	6	279885	279892	-	279908	-	-	8.0 x 3.5	FH 2	12	815 150 H...
	200	8	279915	279922	-	279939	-	-	10.0 x 4.5	FH 3	12	815 200 H...
	250	10	279946	279953	-	279960	-	-	12.0 x 5.0	FH 3	12	815 250 H...
pillar files, extra slim	150	6	279977	279984	-	279991	-	-	6.0 x 3.0	FH 2	12	820 150 H...
	200	8	280003	280010	-	280027	-	-	8.0 x 3.5	FH 2	12	820 200 H...
flat, slim	150	6	-	280058	-	280065	-	-	16.0 x 2.0	FH 3	12	830 150 H...
half-round	100	4	280072	280089	280096	280102	280119	280126	12.0 x 3.5	FH 2	12	835 100 H...
	150	6	280133	280140	280157	280164	280171	280188	16.0 x 4.5	FH 3	12	835 150 H...
	200	8	280195	280201	280218	280225	280232	-	21.0 x 6.0	FH 4/1	12	835 200 H...
	250	10	280256	280263	280270	-	-	-	25.0 x 7.0	FH 4/1	12	835 250 H...
half-round, slim	150	6	280317	280324	280331	280348	-	-	12.0 x 3.5	FH 3	12	840 150 H...
round	100	4	-	280379	-	280393	-	-	4.0	FH 2	12	845 100 H...
	150	6	-	280416	280423	280430	280447	-	6.0	FH 3	12	845 150 H...
	200	8	-	280454	280461	280478	280485	-	8.0	FH 4	12	845 200 H...
three square	100	4	-	-	280522	280539	-	-	6.0	FH 2	12	855 100 H...
	150	6	-	280553	280560	280577	280584	-	10.0	FH 3	12	855 150 H...
	200	8	-	280591	280607	280614	280621	-	14.0	FH 4	12	855 200 H...
square	150	6	-	280676	280683	280690	-	-	6.0	FH 3	12	860 150 H...
	200	8	-	280713	280720	280737	280744	-	8.0	FH 4	12	860 200 H...
crossing oval	150	6	-	-	-	280768	-	-	16.0 x 4.5	FH 3	12	865 150 H...
knife	150	6	-	280812	-	280829	-	-	18.0 x 4.0	FH 3	12	870 150 H...
	200	8	-	280836	-	280843	-	-	22.0 x 5.0	FH 4/1	12	870 200 H...
barette	150	6	-	280850	-	280867	-	-	16.0 x 4.0	FH 3	12	875 150 H...
	200	8	-	280874	-	280881	-	-	21.0 x 5.0	FH 4/1	12	875 200 H...

Precision files

CORINOX files



CORINOX files

CORINOX files have an exceptional surface hardness grade of 1,200 HV (Vickers scale) and can be used for precise filing on very small and delicate components.

Advantages:

- Extremely wear-resistant and sturdy thanks to high surface hardness.
- Can also be used on materials that are difficult to file.
- Do not clog up.
- Chips can easily be removed by knocking the tool gently against a hard object.



Materials that can be worked:

stainless steel (INOX), high-temperature-resistant materials, hard non-ferrous metal, fibre-reinforced duroplastics (GRP, CRP)

Applications:

deburring, surface work, work on edges (chamfering, rounding), fine finishing

Ordering notes:

- Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Swiss cut			Cross section [mm]	Matching handle		Description
			00	0	2				
									
			EAN 4007220						
pottance files, hand	150	6	304082	304099	-	18.0 x 4.0	FH 3	12	COR 800 150 H...
	200	8	304105	304112	304129	22.0 x 5.0	FH 4/1	12	COR 800 200 H...
	250	10	669464	669471	669488	25.0 x 6.0	FH 4/1	12	COR 800 250 H...
pillar files, regular	150	6	304136	304143	-	13.0 x 4.0	FH 3	12	COR 810 150 H...
	200	8	304150	304167	317785	15.0 x 5.0	FH 4/1	12	COR 810 200 H...
tang files, half-round	150	6	-	304174	-	16.0 x 4.5	FH 3	12	COR 835 150 H...
	200	8	-	304181	317792	21.0 x 6.0	FH 4/1	12	COR 835 200 H...
round	200	8	-	304198	317808	8.0	FH 4	12	COR 845 200 H...
three square	200	8	-	304211	317815	14.0	FH 4	12	COR 855 200 H...
square	150	6	-	304204	317822	6.0	FH 3	12	COR 860 150 H...



CORINOX needle files

CORINOX needle files have an exceptional surface hardness grade of 1,200 HV (Vickers scale) and can be used to file very small and delicate components with precision.

Advantages:

- Extremely wear-resistant and sturdy thanks to high surface hardness.
- Can also be used on materials that are difficult to file.
- Do not clog up.
- Chips can easily be removed by knocking the tool gently against a hard object.
- Can be used with or without a file handle thanks to the forged tang.

Materials that can be worked:

stainless steel (INOX), high-temperature-resistant materials, hard non-ferrous metal, fibre-reinforced duroplastics (GRP, CRP)

Applications:

deburring, surface work, work on edges (chamfering, rounding), fine finishing

Ordering notes:

- Please specify the desired cut.



Profile	Length [mm]	Length [inch]	Swiss cut		Shank dia. [mm]	Cross section [mm]		Description
			0	2				
								
			EAN 4007220					
flat	180	7	346532	346549	3.5	6.0 x 1.5	12	COR 2306 180 H...
hand	180	7	346556	346570	3.5	6.0 x 1.5	12	COR 2301 180 H...
three square	180	7	346587	346594	3.5	4.1	12	COR 2307 180 H...
square	180	7	346600	346648	3.5	2.7	12	COR 2308 180 H...
round	180	7	346624	346662	3.5	3.5	12	COR 2310 180 H...
half-round	180	7	346686	346716	3.5	6.0 x 2.0	12	COR 2302 180 H...





Needle files

PFERD needle files are ideally suitable for work on the smallest surfaces, breakthroughs, geometries, profiles and radii.

Advantages:

- Can be used with or without a needle file handle thanks to the forged tang.

Materials that can be worked:

steels up to 1,200 N/mm²

Applications:

deburring, fine finishing

Ordering notes:

- Needle file cuts 00, 0, 1, 2, 3 and 4, which are not listed in the table, are not available from stock. The delivery time for these files is therefore around 8 weeks.
- Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Cut						Shank dia. [mm]	Cross section [mm]		Description
			00	0	1	2	3	4				
												
EAN 4007220												
flat	140	5 1/2	-	237458	237465	237472	-	-	3.0	5.1 x 1.3	12	2406 140 H...
	160	6 1/4	-	237489	237496	237502	237519	-	3.25	5.5 x 1.4	12	2406 160 H...
	180	7	237526	237533	-	345979	-	-	3.5	6.0 x 1.5	12	2406 180 H...
hand	140	5 1/2	-	383858	383872	383896	383919	-	3.0	5.1 x 1.3	12	2401 140 H...
	160	6 1/4	-	383933	383957	383971	237168	-	3.25	5.5 x 1.4	12	2401 160 H...
	180	7	384015	237182	237199	384077	-	-	3.5	6.0 x 1.5	12	2401 180 H...
	200	8	237212	384114	237236	235898	-	-	3.75	6.4 x 1.6	12	2401 200 H...
crossing oval	140	5 1/2	-	237328	237335	237342	-	-	3.0	4.5 x 1.8	12	2403 140 H...
	160	6 1/4	-	237359	237366	237373	237380	-	3.25	5.2 x 2.3	12	2403 160 H...
	180	7	-	237397	237410	237403	-	-	3.5	5.7 x 2.5	12	2403 180 H...
three square	140	5 1/2	-	237700	237717	237724	237731	-	3.0	3.5	12	2407 140 H...
	160	6 1/4	-	237748	237755	237762	237779	-	3.25	3.7	12	2407 160 H...
	180	7	237786	237793	-	237809	237816	-	3.5	4.1	12	2407 180 H...
	200	8	237823	237830	-	237847	237854	-	3.75	4.4	12	2407 200 H...
square	140	5 1/2	-	238073	238080	238097	238103	-	3.0	2.4	12	2408 140 H...
	160	6 1/4	-	238110	238127	238134	238141	-	3.25	2.5	12	2408 160 H...
	180	7	238158	238165	-	238172	-	-	3.5	2.7	12	2408 180 H...
	200	8	238196	238202	-	238219	-	-	3.75	3.0	12	2408 200 H...
round	140	5 1/2	-	238226	238233	238240	-	238257	3.0	3.0	12	2410 140 H...
	160	6 1/4	-	238264	238271	238288	-	238295	3.25	3.25	12	2410 160 H...
	180	7	345986	238301	238318	238325	238332	-	3.5	3.5	12	2410 180 H...
	200	8	345993	238349	238356	238363	238370	-	3.75	3.75	12	2410 200 H...
knife	140	5 1/2	-	237571	237588	237595	-	-	3.0	5.5 x 1.5	12	2405 140 H...
	160	6 1/4	-	237601	237618	237625	-	-	3.25	5.8 x 1.7	12	2405 160 H...
	180	7	237649	237656	-	237663	-	-	3.5	6.2 x 1.8	12	2405 180 H...
half-round	140	5 1/2	-	237861	237878	237885	237892	-	3.0	5.0 x 1.7	12	2402 140 H...
	160	6 1/4	-	237908	237915	237922	237939	-	3.25	5.7 x 1.8	12	2402 160 H...
	180	7	237946	237953	-	237960	237977	-	3.5	6.0 x 2.0	12	2402 180 H...
	200	8	237984	237991	-	238004	238011	-	3.75	6.4 x 1.8	12	2402 200 H...
barette	140	5 1/2	-	237175	384039	384053	-	-	3.0	5.0 x 2.1	12	2411 140 H...
	160	6 1/4	-	237205	384091	237229	384138	-	3.25	5.3 x 2.1	12	2411 160 H...
	180	7	-	237250	237267	237274	-	-	3.5	5.6 x 2.3	12	2411 180 H...
flat with rounded edges	160	6 1/4	-	-	-	238400	-	-	3.25	5.5 x 1.4	12	2415 160 H...
	180	7	-	238417	-	-	-	-	3.5	6.0 x 1.5	12	2415 180 H...
hand with rounded edges	140	5 1/2	-	-	383865	-	-	-	3.0	5.1 x 1.3	12	2416 140 H...
	160	6 1/4	-	383889	383902	383926	-	-	3.25	5.5 x 1.4	12	2416 160 H...

Continued on next page

Profile	Length [mm]	Length [inch]	Cut						Shank dia. [mm]	Cross section [mm]		Description
			00	0	1	2	3	4				
												
EAN 4007220												
hand with rounded edges	180	7	-	383940	-	-	-	-	3.5	6.0 x 1.5	12	2416 180 H...
crossing oval	160	6 1/4	-	-	-	238042	-	-	3.25	3.8 x 2.5	12	2409 160 H...
	180	7	-	238059	-	-	-	-	3.5	4.0 x 2.9	12	2409 180 H...

Needle file sets

Needle file sets

Contains an application-oriented selection of needle files.

Contents:

12 needle files:

- flat (2406)
- hand (2401)
- crossing oval (2403)
- three square (2407)
- square (2403)
- round (2410)
- knife (2405)

- half-round (2402)
- barrette (2411)
- flat with round edges (2415)
- hand with round edges (2416)
- crossing oval round-oval (2409)

Ordering notes:

- Supplied in a PVC plastic pouch or a practical plastic box.
- Please specify the desired cut.



266



NFB

Length [mm]	Length [inch]	Swiss cut			Contents [pcs.]		Description
		0 	1 	2 			
		EAN 4007220					
140	5 1/2	-	235539	-	12	1	266/14 P 140 H...
160	6 1/4	-	235553	-	12	1	266/16 P 160 H...
180	7	235560	-	-	12	1	266/18 P 180 H...
200	8	235577	-	-	12	1	266/20 P 200 H...
140	5 1/2	-	345955	345962	12	1	NFB 2492 140 H...
160	6 1/4	-	392232	235515	12	1	NFB 2493 160 H...

Needle file set

Contains an application-oriented selection of PFERD needle files.

Contents:

6 needle files:

- flat (101)
- hand (102)
- three square (104)
- half-round (108)
- square (105)
- round (106)

Ordering notes:

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



Length [mm]	Length [inch]	Swiss cut	Contents [pcs.]		Description
		1			
					
		EAN 4007220			
160	6 1/4	009222	6	1	PF 263 160 H1

Precision files

Handy files



Handy files

Precision files similar to needle files. Suitable for work on the smallest areas of metals and plastics that are hard to reach, e.g. in tool and mould construction for refining pressing, forging and casting tools.

Advantages:

- Precise shape with a slim, fine design.
- Highly tapered.
- The high level of robustness enables a higher operating pressure.
- Can be used without a file handle thanks to the forged tang.

Materials that can be worked:

steels up to 1,200 N/mm², plastics

Applications:

deburring, fine finishing, surface work, work on edges (chamfering, rounding)

Ordering notes:

- Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Swiss cut		Cross section [mm]		Description
			00	1			
			EAN 4007220				
hand	215	8 1/2	346372	346389	10.3 x 2.8	12	2601 215 H...
three square	215	8 1/2	346396	346402	10.0	12	2607 215 H...
square	215	8 1/2	346419	346426	6.0 x 6.0	12	2608 215 H...
half-round	215	8 1/2	346457	346464	12.8 x 3.7	12	2602 215 H...

Handy file sets



Handy file sets

Contains an application-oriented selection of handy files for work on the smallest areas that are hard to reach.

Contents:

- Five handy files:
- hand (2601)
 - three square (2607)
 - square (2608)
 - round (2610)
 - half-round (2602)

Ordering notes:

- Supplied in a plastic pouch to protect against dirt, corrosion and damage.
- Please specify the desired cut.

Length [mm]	Length [inch]	Swiss cut		Contents [pcs.]		Description
		00 	1 			
		EAN 4007220				
215	8 1/2	346488	346501	5	1	2627 215 H...

Riffler files series 901P–952P

Length 150 mm, smallest type of riffler files.

Advantages:

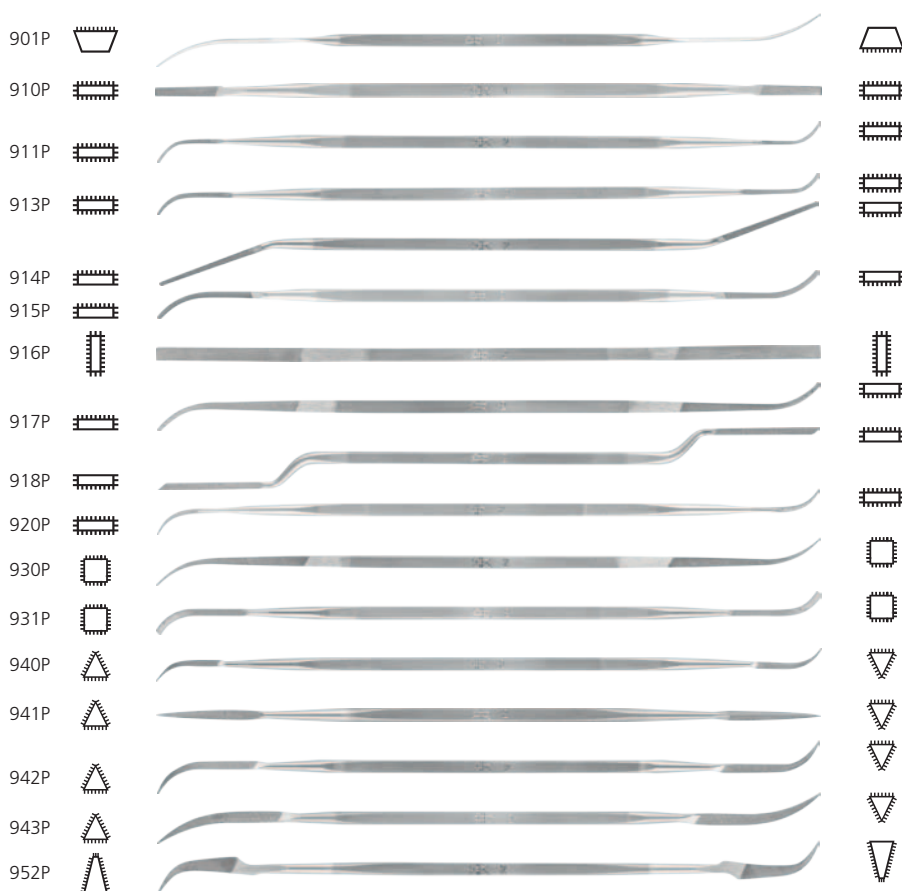
- Can be used with or without riffler file holder.
- Width, application-oriented product selection.

Materials that can be worked:

steels up to 1,200 N/mm²

Ordering notes:

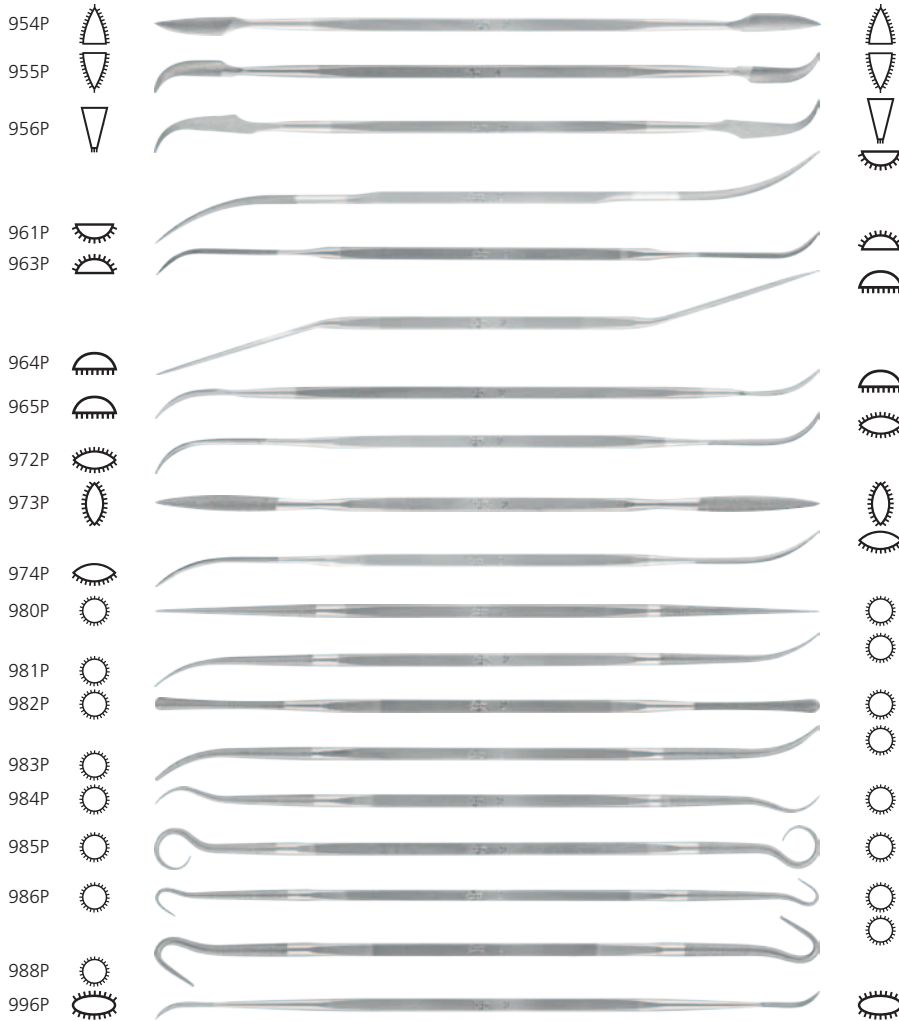
- Please specify the desired cut.



Profile	Length [mm]	Length [inch]	Swiss cut		Cross section [mm]	Suitable arbors		Description
			2	4				
			EAN 4007220					
901P	150	6	014950	-	4.0 x 1.3	RFH 150	12	901P 150 H...
910P	150	6	-	346099	2.3 x 1.2	RFH 150	12	910P 150 H...
911P	150	6	014974	-	2.3 x 1.2	RFH 150	12	911P 150 H...
913P	150	6	014998	-	2.7 x 1.5	RFH 150	12	913P 150 H...
914P	150	6	015018	-	3.5 x 1.5	RFH 150	12	914P 150 H...
915P	150	6	346105	-	3.5 x 1.5	RFH 150	12	915P 150 H...
916P	150	6	015032	-	3.2 x 1.5	RFH 150	12	916P 150 H...
917P	150	6	015056	-	3.2 x 1.5	RFH 150	12	917P 150 H...
918P	150	6	015070	-	3.8 x 1.7	RFH 150	12	918P 150 H...
920P	150	6	346112	-	4.9 x 1.5	RFH 150	12	920P 150 H...
930P	150	6	015094	-	3.2 x 3.2	RFH 150	12	930P 150 H...
931P	150	6	346129	-	1.7 x 1.7	RFH 150	12	931P 150 H...
940P	150	6	346136	-	1.7	RFH 150	12	940P 150 H...
941P	150	6	346143	-	2.2	RFH 150	12	941P 150 H...
942P	150	6	015117	015124	2.6	RFH 150	12	942P 150 H...
943P	150	6	346150	398708	3.0	RFH 150	12	943P 150 H...
952P	150	6	015131	015148	1.4 x 4.2	RFH 150	12	952P 150 H...

Precision files

Riffler files, riffler rasps



Riffler files series 954P–996P

Length 150 mm, smallest type of riffler files.

Advantages:

- Can be used with or without riffler file holder.
- Width, application-oriented product selection.

Materials that can be worked:

steels up to 1,200 N/mm²

Ordering notes:

- Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Swiss cut		Cross section [mm]	Suitable arbors		Description
			2	4				
			EAN 4007220					
954P	150	6	015155	-	1.5 x 4.0	RFH 150	12	954P 150 H...
955P	150	6	-	346167	1.5 x 4.0	RFH 150	12	955P 150 H...
956P	150	6	346174	-	1.6 x 4.1	RFH 150	12	956P 150 H...
961P	150	6	346181	-	4.1 x 2.4	RFH 150	12	961P 150 H...
963P	150	6	015179	-	4.6 x 1.3	RFH 150	12	963P 150 H...
964P	150	6	346198	-	4.5 x 1.4	RFH 150	12	964P 150 H...
965P	150	6	015193	-	5.2 x 1.5	RFH 150	12	965P 150 H...
972P	150	6	015216	-	3.6 x 2.1	RFH 150	12	972P 150 H...
973P	150	6	346204	-	3.6 x 2.1	RFH 150	12	973P 150 H...
974P	150	6	015230	-	3.6 x 2.1	RFH 150	12	974P 150 H...
980P	150	6	346211	-	3.5	RFH 150	12	980P 150 H...
981P	150	6	015254	015261	3.5	RFH 150	12	981P 150 H...
982P	150	6	015278	-	3.0	RFH 150	12	982P 150 H...
983P	150	6	346228	-	3.2	RFH 150	12	983P 150 H...
984P	150	6	346235	-	3.2	RFH 150	12	984P 150 H...
985P	150	6	015292	015308	3.2	RFH 150	12	985P 150 H...
986P	150	6	346259	-	2.6	RFH 150	12	986P 150 H...
988P	150	6	346273	-	3.2	RFH 150	12	988P 150 H...
996P	150	6	345696	-	2.2 x 1.4	RFH 150	12	996P 150 H...

Riffler files series 710P–795P

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

Advantages:

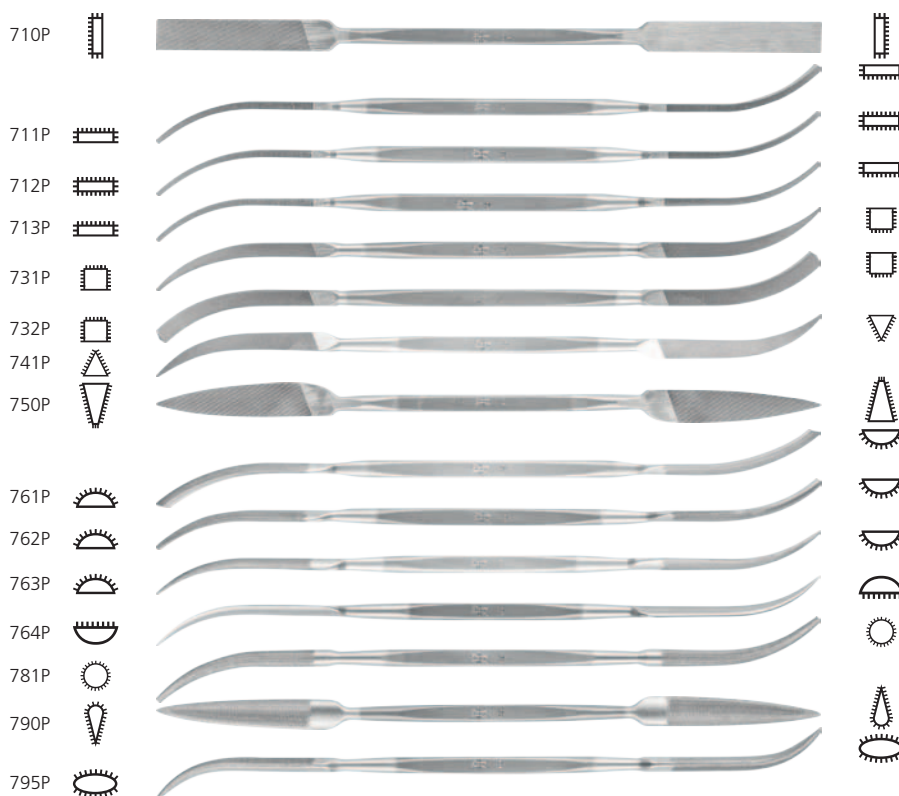
- Can be used with or without riffler file holder.
- Width, application-oriented product selection.

Materials that can be worked:

steels up to 1,200 N/mm²

Ordering notes:

- Please specify the desired cut.



Profile	Length [mm]	Length [inch]	Swiss cut		Cross section [mm]	Suitable arbors		Description
			0	2				
								
EAN 4007220								
710P	180	7	014752	014769	8.5 x 2.5	RFH 180	12	710P 180 H...
711P	180	7	014776	014783	8.5 x 2.5	RFH 180	12	711P 180 H...
712P	180	7	014790	014806	8.2 x 2.5	RFH 180	12	712P 180 H...
713P	180	7	345702	345719	8.2 x 2.5	RFH 180	12	713P 180 H...
731P	180	7	014813	014820	4.5 x 4.5	RFH 180	12	731P 180 H...
732P	180	7	345726	345733	4.5 x 4.5	RFH 180	12	732P 180 H...
741P	180	7	014837	014844	6.5	RFH 180	12	741P 180 H...
750P	180	7	014851	014868	9.5 x 2.5	RFH 180	12	750P 180 H...
761P	180	7	345740	345757	9.2 x 3.2	RFH 180	12	761P 180 H...
762P	180	7	-	014882	9.3 x 3.2	RFH 180	12	762P 180 H...
763P	180	7	345764	345771	9.5 x 3.3	RFH 180	12	763P 180 H...
764P	180	7	-	345788	9.5 x 3.3	RFH 180	12	764P 180 H...
781P	180	7	014912	014929	5.0	RFH 180	12	781P 180 H...
790P	180	7	-	345795	8.5 x 4.0	RFH 180	12	790P 180 H...
795P	180	7	-	014943	8.0 x 4.3	RFH 180	12	795P 180 H...



Precision files

Riffler files, riffler rasps



Riffler files series 410P–480P

Length 300 mm, largest type of riffler files.

Advantages:

- Can be used with or without riffler file holder.
- Width, application-oriented product selection.

Materials that can be worked:

steels up to 1,200 N/mm²

Ordering notes:

- Please specify the desired cut.

Profile	Length [mm]	Length [inch]	Swiss cut		Cross section [mm]		Description
			0	2			
			EAN 4007220				
410P	300	12	345818	345825	15.0 x 4.0	6	410P 300 H...
411P	300	12	345924	345931	15.0 x 4.4	6	411P 300 H...
412P	300	12	345801	-	15.0 x 4.4	6	412P 300 H...
430P	300	12	345863	345870	8.0 x 8.0	6	430P 300 H...
440P	300	12	345849	345856	12.0 x 12.0	6	440P 300 H...
450P	300	12	345900	-	15.0 x 12.0	6	450P 300 H...
460P	300	12	345917	-	15.0 x 6.0	6	460P 300 H...
470P	300	12	345832	-	14.0 x 7.0	6	470P 300 H...
480P	300	12	345887	345894	10.0	6	480P 300 H...



Set of riffler files PF 900

Contains an application-oriented selection of riffler files.

Advantages:

- Can be used with or without riffler file holder.
- Width, application-oriented product selection.

Materials that can be worked:

steels up to 1,200 N/mm²

Ordering notes:

- Matching arbor = RFH 150

Length [mm]	Length [inch]	Swiss cut	Contents [pcs.]	Contents		Description
		2				
		EAN 4007220				
150	6	009239	4	914P, 930P, 963P, 981P	1	PF 900

Riffler rasps series 701P–708P

190 mm long riffler file with precise Swiss rasp cut.

Advantages:

- Can be used with or without riffler file holder.
- Width, application-oriented product selection.

Materials that can be worked:

steels up to 1,200 N/mm²

701P



702P



703P



704P



705P



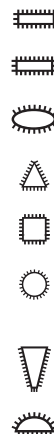
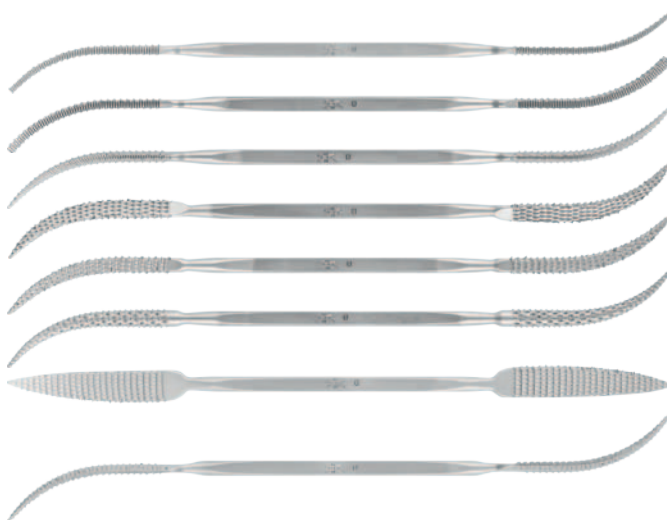
706P



707P



708P



Profile	Length [mm]	Length [inch]	Swiss cut	Cross section [mm]	Suitable arbors		Description
			0				
			 EAN 4007220				
701P	190	7 1/2	346280	8.2 x 3.3	RFH 180	12	701P 190 H0
702P	190	7 1/2	346297	8.1 x 3.5	RFH 180	12	702P 190 H0
703P	190	7 1/2	346303	7.6 x 4.4	RFH 180	12	703P 190 H0
704P	190	7 1/2	346310	6.4	RFH 180	12	704P 190 H0
705P	190	7 1/2	346327	4.9	RFH 180	12	705P 190 H0
706P	190	7 1/2	346334	5.5	RFH 180	12	706P 190 H0
707P	190	7 1/2	346341	9.2 x 3.6	RFH 180	12	707P 190 H0
708P	190	7 1/2	346358	9.3 x 3.8	RFH 180	12	708P 190 H0

Riffler rasp set 720P

Contains an application-oriented selection of riffler rasps.

Advantages:

- Can be used with or without riffler file holder.
- Width, application-oriented product selection.

Materials that can be worked:

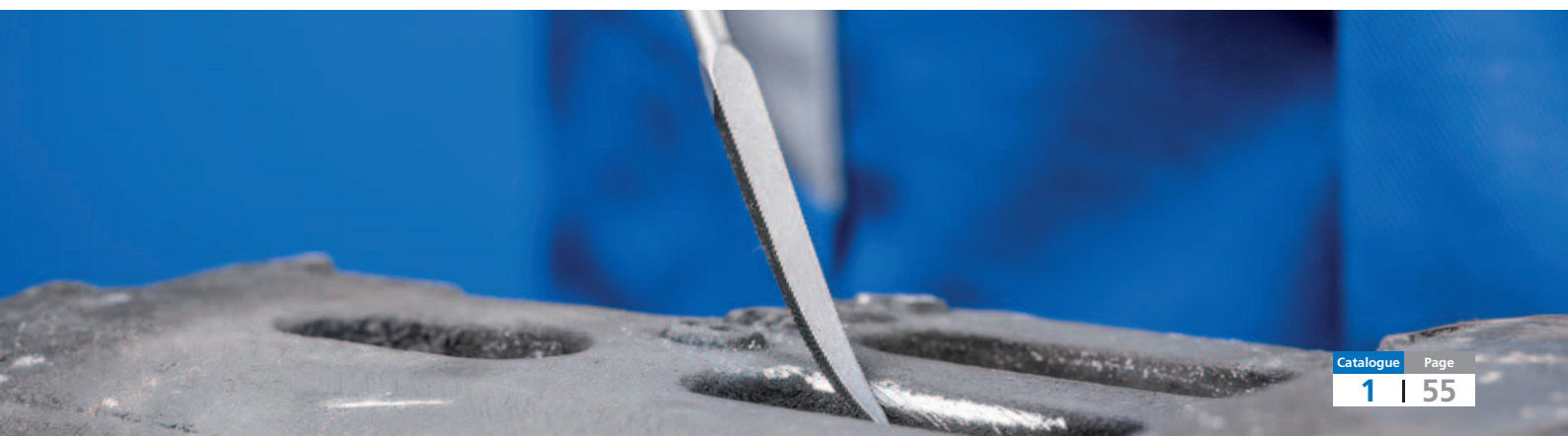
steels up to 1,200 N/mm²

Ordering notes:

- Supplied in a plastic pouch to protect against dirt, corrosion and damage.
- Matching arbor = RFH 180

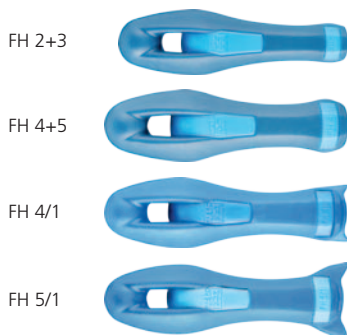


Length [mm]	Length [inch]	Swiss cut	Contents [pcs.]	Contents		Description
		0				
		 EAN 4007220				
190	7 1/2	535905	8	701P, 702P, 703P, 704P, 705P, 706P, 707P, 708P	1	720P



File handles, file sleeves, file brush

File handles



Ergonomic file handles

Ergonomic file handles for comfortable and safe work.

Advantages:

- Protects hands against sharp edges and corners.
- Ergonomic shape with optimized haptics.
- Files do not roll away.
- Soft plastic on the outside with a hard, stable inner part.
- Without plasticizer.

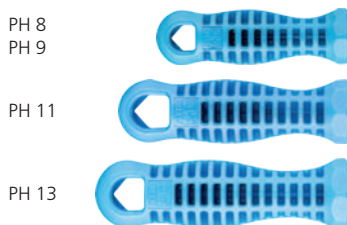
Ordering notes:

- Available in different types and two different packaging units.

PFERDVALUE:



Suitable for file length [mm]	EAN 4007220	Overall length [mm]	Suitable for		Description
100, 125, 150	535714	110	key files	10	FH 2-10
	535721	110	key files	100	FH 2-100
	535738	110	all tangs	10	FH 3-10
	535745	110	all tangs	100	FH 3-100
200, 250	535752	115	profiles three square, square, round, special profiles	10	FH 4-10
	535769	115	profiles three square, square, round, special profiles	100	FH 4-100
	535776	115	profiles hand, flat, half-round	10	FH 4/1-10
	535783	115	profiles hand, flat, half-round	100	FH 4/1-100
300, 350	535790	115	profiles three square, square, round, special profiles	10	FH 5-10
	535806	115	profiles three square, square, round, special profiles	100	FH 5-100
	535813	115	profiles hand, flat, half-round	10	FH 5/1-10
	535820	115	profiles hand, flat, half-round	100	FH 5/1-100



Plastic file handles

Plastic file handles for good guidance and power transmission.

Advantages:

- Wide collar guarantees fatigue-free work and increases safety.
- Good force transmission and control of the file.
- Air chambers help absorb hand moisture.

- File handle made from sturdy plastic.
- Contains no plasticizers.

Ordering notes:

- Available in four different types and two different packaging units.

Suitable for file length [mm]	EAN 4007220	Overall length [mm]	Suitable for		Description
100, 125, 150	015476	90	key files	10	PH 08/10
	301890	90	key files	100	PH 08/100
	015483	90	all tangs	10	PH 09/10
	301906	90	all tangs	100	PH 09/100
200, 250	015490	110	all tangs	10	PH 11/10
	301913	110	all tangs	100	PH 11/100
300, 350	015506	120	all tangs	10	PH 13/10
	301920	120	all tangs	100	PH 13/100

Plastic file handle, quick-mounting type

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



Advantages:

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

Suitable for file length [mm]	Suitable for tang diameter [mm]	EAN 4007220	Overall length [mm]		Description
140, 160, 180, 200	3.0/3.25/3.5/3.75	806555	90	10	SH 220

Needle file holder

Quick-mounting handles for needle files with 3–4.5 mm tang diameter.

NFH 211



NFH 212



Advantages:

- Handy and lightweight.
- Available in two materials.

Suitable for	Suitable for tang diameter [mm]	EAN 4007220	Overall length [mm]		Description
Needle file diameter 3–4.5 mm	3–4.5	267783	100	10	NFH 211-3 K
		669532	92	10	NFH 212

Riffler file holder

Riffler file holder

Riffler file holder for files in 150 and 180 mm lengths.



Advantages:

- Safe and optimum file control.
- One of the file points is always covered safely by the file handle.
- Quick and easy tool changes.
- Contains no plasticizers.
- Reusable.

Suitable for file length [mm]	EAN 4007220		Description
150	015322	10	RFH 150
180	015346	10	RFH 180

File handles, file sleeves, file brush

Plastic sleeves, empty



Plastic sleeves, empty

Plastic sleeves for storing individual files without a handle.

Advantages:

- Enables the file to be hung up by the eyelet.
- Protects against damage, dirt and corrosion.

Suitable for file length [mm]	EAN 4007220		Description
150	015520	25	KH 150
200	015537	25	KH 200
250	015544	25	KH 250
300	015551	25	KH 300

File brush



File brush

The file brush is for easy cleaning of clogged files. Comes with a robust handle made from wood and wear-resistant steel wire.

Advantages:

- Easy cleaning.
- Long tool life.

Applications:

cleaning

Length [mm]	Length [inch]	EAN 4007220		Description
232	9.2	015315	5	HBF 10 ST 0,15



Hand deburrer

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

PFERD offers:

- Three **deburring blades** for work on steel, aluminium, non-ferrous metals, cast iron, plastics and other soft materials.
- One **mini blade** for general work on the smallest geometries made of various materials.
- Two rotatable **deburring countersinks** for general work on bores made of various materials.

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

Advantages:

- Three different, easily changeable deburrers (blades, mini-blades and countersinks).

PFERDVALUE:



H 4



BS 1010



BS 1018



BS 2010



BD 5010



BC 1041



BC 1651



Dia. [mm]	EAN 4007220	Use for		Description
Holder for hand deburrer				
-	807897	all types	1	H 4
Deburring blades				
3	807903	steel, aluminium	10	BS 1010
	807910	plastics, other soft materials	10	BS 1018
	807927	non-ferrous metals, cast iron	10	BS 2010
Mini-blade				
3	807934	general use	1	BD 5010
Deburring countersink				
3	807941	general use	1	BC 1041
	807958	general use	1	BC 1651





Catalogue section 1

Files



Catalogue section 2

Milling tools



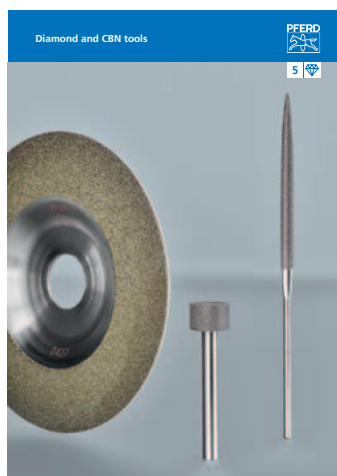
Catalogue section 3

Mounted points



Catalogue section 4

Fine grinding and polishing tools



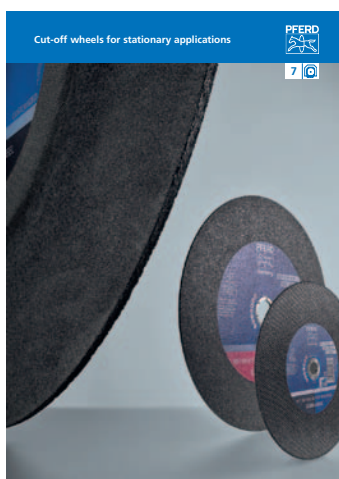
Catalogue section 5

Diamond and CBN tools



Catalogue section 6

Cut-off wheels, flap discs and grinding wheels



Catalogue section 7

Cut-off wheels for stationary applications



Catalogue section 8

Industrial power brushes



Catalogue section 9

Tool drives