

# Precision files

## Needle files



### 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/mm<sup>2</sup>

#### 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				
<b>EAN 4007220</b>												
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...

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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.



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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