Quality, tradition, performance

Made in Germany since 1799

By the inventor of the hoof plane
Farriers and hoof practitioners are important partners for horses for maintaining healthy hooves. Over 60% of illness in horses occur in their musculoskeletal systems. This means that care of hooves and horseshoes is extremely important.

The work demands a lot of skill and is characterized by a high level of responsibility towards the animal.

Processing and care of horses' hooves and horseshoes mean an exceptionally high amount of physical strain for the farrier and the hoof practitioner, the consequences of which may result in an inability to work in the long term. The spinal column in particular (cervical and lumbar vertebrae) and the joints in arms and shoulders are damaged by one-sided strain and repeated use with vibrations and impacts.

Maintaining the health of the farrier and hoof practitioner and relieving the strains placed upon them are some of the most important challenges in hoof maintenance along with optimum working results and increased working efficiency.

PFERD has always seen the human being as the focus of the working process: only by maintaining their health it is possible to achieve optimum working results with the optimum tool.

PFERD provides a range of highly efficient tools for the processing and care of hooves and horseshoes which also care for the health of farriers and hoof practitioners. On the basis of a tradition which has lasted over 200 years and the use of comprehensive knowledge from the field of metalworking, PFERD develops and manufactures tools of outstanding quality which save energy and lead to a felt improvement in the quality of life of farriers and hoof practitioners alike.

You can find further information on our range of offers on the Internet at www.hoofplane.com.
“The expedient shoeing of a horse is a business of far greater importance than one generally imagines. How frequently do we find ourselves betrayed in our hopes and expectations of a lovely young horse with a most promising outward appearance! Hardly has the beast been trained than it turns lame due to the unconsidered manner in which the farrier handles its hooves. We are baffled as to what the cause might be. As a consequence, the actual source of the sickness is carelessly overlooked and the disease gains time to establish itself. Finally the horse is left permanently lame. If, then, it is a matter of great importance that our horse’s legs should remain healthy, and if so much rests on them being well-shoed; then the proper execution of this work most certainly requires our full attention”!

The farrier in the “Economic Encyclopedia” published by Joachim Pauli, Berlin in the year 1782
Tradition, Progress, Innovation

The company started producing files over 200 years ago. Since then, this family owned company has become one of the leading manufacturers in the tool industry. Innovative ideas and products are the key to their success.

The “PFERD”

Right from the start, the “jumping horse” (“Pferd” in German) has been a distinctive brand mark for excellent quality, top performance and efficiency. It symbolizes strength, endurance and reliability. Professionals associate the name with top-of-the-range products.

PFERD makes the difference

- The unique broad product range for surface finishing and cutting. Everything from one source for you.
- Years of experience and modern production methods guarantee first rate work results and efficiency.
- We have a close network of competent employees who are on call to solve your application problems.
The Brand with Tradition – for your Success.
Hoof Processing

Hoof Planes

Horse rasps have been produced since the end of the eighteenth century and were one of the first PFERD tools.

PFERD presents the new hoof plane. An innovative, extremely high-performing and durable tool for processing horse’s hooves, making work on hooves easier, quicker and so protecting farrier’s health.

The superb chipping properties guarantee quick processing which reduces the amount of effort required and is easy on the back. Good stock removal rates and extremely good surface quality.

This does not have - as is generally the case - a cross or rasp cut, but rather is milled cut both sides - one side fine, the other coarse.

The hoof plane is used to plane hoof surfaces, for fine work on the hoof wall and for filing the hoof toe. Due to the high-quality material used, the horseshoe nails can also be processed once they have been hammered in; the plane will not blunt either on the nail or on the horseshoe.

Rectangular file with tang, cut on four sides.

Advantages:
- Lighter than a standard rasp.
- Good-quality planing work on the hoof.
- Shorter processing times.
- Excellent surface quality.
- Saves effort and is easy on the back.

Recommendations for use:
The PFERD hoof plane can be used with commercially available file handles in the appropriate size.
- Length 350 mm: Particularly suitable for working on the hooves of warmblood and thoroughbred horses.
- Length 430 mm: Particularly suitable for working on the hooves of heavy horses or horses with large hooves.

Ordering example:
EAN 4007220809631
3515 350 mm

Order No. | Length [mm] | Length [inch] | Cuts | EAN 4007220 | Cross-section [mm] |
--- | --- | --- | --- | --- | --- |
3515 | 350 | 14 | Milled cut | 809631 | 44.0 x 6.0 |
4315 | 430 | 17 | Milled cut | 846995 | 44.0 x 6.0 |

Hoof plane “Edition Plus”

PFERD also offers the hoof plane in the Edition Plus with an Equithotics handle in a leather sheath. The leather sheath has a clip on the back, via which it can be attached to a belt or an apron.

Advantages:
- Leather sheath for optimum protection of the hoof plane.
- Keep your hoof plane handy using the sheath clip.

Recommendation for use:
- Length 200 mm: Particularly suitable for work on the hooves of foals, ponies or for one-hand planing when reworking broken hooves.
- Length 350 mm: Particularly suitable for working on the hooves of performance and thoroughbred horses.

Ordering example:
EAN 4007220809631
3516 350 mm

Order No. | Length [mm] | Length [inch] | Cuts | EAN 4007220 | Cross-section [mm] |
--- | --- | --- | --- | --- | --- |
2016 | 200 | 8 | Milled cut | 846889 | 44.0 x 6.0 |
3516 | 350 | 14 | Milled cut | 846872 | 44.0 x 6.0 |
Horse rasp, tanged type

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

Ordering example:
EAN 4007220009901
3510 350 mm H1

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Length [mm]</th>
<th>Length [inch]</th>
<th>Cuts</th>
<th>EAN 4007220</th>
<th>Cross-section [mm]</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>3510</td>
<td>350</td>
<td>14</td>
<td>Rasp/file cut 1</td>
<td>009901</td>
<td>40.0 x 6.0</td>
<td>5</td>
</tr>
</tbody>
</table>

The hoof set contains the most important tools for general hoof maintenance or for initial work on damaged hooves and worn horseshoes. A robust roll-up bag made of leather is perfect for storing and protecting your tools.

Contents:
- Hoof plane 3515 200 mm with Equithotics file handle
- Knipex hoof pliers
- Picard horseshoe hammer
- Hauptner farrier’s knife, right-hand cutting

Ordering example:
EAN 4007220846803
HS 3519

Advantages:
- Optimum grip.
- Made of polyurethane for a pleasant, springy grip.
- Large, rounded contact surfaces.
- Improved control during application.
- Lies well in the hand.

Maximum work safety:
- Protects hands from contact with sharp edges and corners of the file.

Ordering example:
EAN 4007220847008
FH 6/1

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Dimensions (W x H x D) [mm]</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS 3519</td>
<td>846803</td>
<td>Open 390 x 380, closed 100 x 380 x 70</td>
<td>1</td>
</tr>
</tbody>
</table>

Handle “Equithotics”
## Hoof Processing

**COMBICLICK® Fibre Discs**

The COMBICLICK® system is used for cool grinding of the hoof horn. It consists of a combination of a backing pad and a fibre disc. The cooling slots in the backing pad ensure a consistent throughput of air, thus significantly reducing thermal loads on the abrasive material and workpiece.

### Recommendations for use:
- Ø 115 mm: Allows highly accurate work with high chipping performance.
- Ø 125 mm: Adapts well to the hoof sole as it is highly flexible.
- Use preferably on speed-controllable angle grinders or on battery-powered angle grinders.

### Abrasive: Aluminum oxide A

**Advantages:**
- For fine surfaces on the hoof.
- Long tool life.

**Recommendation for use:**
- Highly suitable for work on hoof soles, walls and toes.

### Application information:
Also highly suitable for processing Aluminum or steel horseshoes (see page 12).

### Safety recommendation:
The peripheral speed must not exceed 80 m/s.

### Ordering information:
Please order COMBICLICK® backing pads separately.

### Ordering example:
EAN 4007220763193  
CC-FS 115 A 50

### How to order:
- CC-FS = COMBICLICK® fibre discs
- 115 = Outer Ø D [mm]
- A = Abrasive Aluminum oxide A
- 50 = Grit size
- Please state required grit size.

| Order No. | Grit size | Dia. D [mm] | Max. speed [RPM] | | |
|-----------|-----------|-------------|------------------|---|
| CC-FS 115 A | 36 (coarse) | 763186 | 115 | 13,300 | 25 | 750 |
| CC-FS 125 A | 50 (fine) | 722008 | 125 | 12,200 | 25 | 875 |

### COMBICLICK® fibre discs
Aluminum oxide A type

For universal grinding discs with a long tool life and good surface.

**Advantages:**
- For fine surfaces on the hoof.
- Long tool life.

**Recommendation for use:**
- Highly suitable for work on hoof soles, walls and toes.

### COMBICLICK® Fibre Discs
Ceramic oxide CO-COOL

### Application information:
Also highly suitable for processing Aluminum or steel horseshoes (see page 12).

### Safety recommendation:
The peripheral speed must not exceed 80 m/s.

### Ordering information:
Please order COMBICLICK® backing pads separately.

### Ordering example:
EAN 4007220763322  
CC-FS 115 CO-COOL 50

### How to order:
- CC-FS = COMBICLICK® fibre discs
- 115 = Outer Ø D [mm]
- CO-COOL = Abrasive Ceramic oxide CO-COOL
- 50 = Grit size
- Please state required grit size.

| Order No. | Grit size | Dia. D [mm] | Max. speed [RPM] | | |
|-----------|-----------|-------------|------------------|---|
| CC-FS 115 CO-COOL | 36 (coarse) | 763315 | 115 | 13,300 | 25 | 750 |
| CC-FS 125 CO-COOL | 50 (fine) | 722480 | 125 | 12,200 | 25 | 875 |

### COMBICLICK® backing pads

Using the backing pad, COMBICLICK® fibre discs can be used with standard commercial angle grinders. The geometry of the cooling slots ensures a high throughput of air, thus significantly reducing thermal loads on the abrasive material and the hoof itself.

### Application information:
Also highly suitable for processing Aluminum or steel horseshoes (see page 12).

### Safety recommendation:
The peripheral speed must not exceed 80 m/s.

### Ordering information:
Please order COMBICLICK® backing pads separately.

### Ordering example:
EAN 4007220763193  
CC-FS 115 A 50

### How to order:
- CC-FS = COMBICLICK® fibre discs
- 115 = Outer Ø D [mm]
- A = Abrasive Aluminum oxide A
- 50 = Grit size
- Please state required grit size.

| Order No. | EAN | Thread | Suitable for | Suitable for machine types | Max. speed [RPM] | | |
|-----------|------|--------|-------------|-----------------------------|------------------|---|
| CC-GT 115-125 M14 | 4007220 | M14 | CC-FS 115, CC-FS 125 | Angle grinders 115 and 125 with M 14 holder | 13,300 | 165 |

### COMBICLICK® backing pads

- Ø 115 mm: Allows highly accurate work with high chipping performance.
- Ø 125 mm: Adapts well to the hoof sole as it is highly flexible.
- Use preferably on speed-controllable angle grinders or on battery-powered angle grinders.

| Order No. | EAN | Thread | Suitable for | Suitable for machine types | Max. speed [RPM] | | |
|-----------|------|--------|-------------|-----------------------------|------------------|---|
| CC-GT 115-125 M14 | 4007220 | M14 | CC-FS 115, CC-FS 125 | Angle grinders 115 and 125 with M 14 holder | 13,300 | 165 |
The PFERD abrasive spiral band system is used for work on the hoof horn. It consists of the drum holder and the spiral band to match, driven by a straight grinder or a flexible shaft.

**Recommendations for use:**
- Grinding the hoof sole.
- Grinding the hoof rim to shape.
- Shortening the toe.
- Grinding the hoof wall.

**Application information:**
Also highly suitable for grinding Aluminum or steel horseshoes.

**Safety recommendation:**
The maximum permitted peripheral speed of 30 m/s must not be exceeded for safety reasons.

**Ordering information:**
Please order drum holder separately.

---

**For cool grinding with maximum stock removal rates. Active abrasive fillers prevent tool loading and heat build-up.**

**Abrasive: Ceramic oxide CO-COOL**

**Advantages:**
- Extremely fine surface.
- High surface quality.
- The hoof does not fray.

**Order No.** | **EAN** 4007220 | **Grit size** | **D x T [mm]** | **Recom. speed [RPM]** | **Order No.** | **EAN** 4007220 | **Grit size** | **D x T [mm]** | **Recom. speed [RPM]**
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
GSB 3030 A 40 | 148174 | 40 | 30 x 30 | 13,000 - 19,100 | 100 | 546

---

**The aluminum oxide A type is suitable for universal hoof-grinding work.**

**Abrasive: Aluminum oxide A**

**Advantages:**
- High surface quality.
- The hoof does not fray.

**Order No.** | **EAN** 4007220 | **Grit size** | **D x T [mm]** | **Recom. speed [RPM]** | **Order No.** | **EAN** 4007220 | **Grit size** | **D x T [mm]** | **Recom. speed [RPM]**
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
GSB 3030 CO-COOL 36 | 772287 | 36 | 30 x 30 | 13,000 - 19,100 | 100 | 546

---

PFERD abrasive spiral band drum holders are required for the use of abrasive spiral bands. They can be used repeatedly - only the abrasive spiral bands are replaced if necessary.

**Recommendations for use:**
- Abrasive spiral bands can be easily mounted and removed by twisting them slightly clockwise.
- Abrasive spiral bands are easier to replace when the abrasive spiral band drum holder is mounted in the power tool or flexible shaft.
- A secure fit of the abrasive spiral band is only ensured if the minimum speed is kept.

**Application information:**
Also highly suitable for grinding Aluminum or steel horseshoes.

**Safety recommendation:**
The maximum permitted peripheral speed of 30 m/s must not be exceeded for safety reasons.

**Ordering information:**
Please order drum holder separately.

---

**Order No.** | **EAN** 4007220 | **D x T [mm]** | **S x L [mm]** | **Acc. to ISO standards** | **Max. speed [RPM]** | **Minimum speed [RPM]** | **Order No.** | **EAN** 4007220 | **D x T [mm]** | **S x L [mm]** | **Acc. to ISO standards** | **Max. speed [RPM]** | **Minimum speed [RPM]**
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
GK 3030/6 | 146880 | 30 x 30 | 6 x 35 | 15637-1 | 19,100 | 13,000 | 187

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Hoof Processing
Mounted Points, POLICAP® Abrasive Caps

These mounted points are manufactured from a special vitrified bond and bubble grain aluminum oxide (HKK). The low covalent bond in combination with the extremely brittle hollow sphere aluminum oxide results in the softest mounted point bond.

Advantages:
- Due to the bubble grain aluminum oxide, the mounted points have a very open-cell structure and large chip spaces.
- Mounted point clogging problems are prevented by the open-cell structure.

Recommendations for use:
- Can be used for accurate shaping work and precise grinding on hooves. These mounted points perform best at a cutting speed of 5 to 20 m/s. Flexible shafts and electric straight grinders can be used as power tools.

Safety note:
The maximum permissible tool speed [RPM] relates to the specified unsupported shank length of 10 mm.

Ordering example:
EAN 4007220096703
ZY 1632 6 AH 1 D 12 V HKK

Mounted points cylindrical ZY

POLICAP® Set shape G

POLICAP® abrasive caps are special tools for precise hoof-grinding work.
The POLICAP® abrasive cap set contains different shapes and sizes of grinding caps as well as the appropriate reusable grinding cap holder.

Advantages:
- High surface quality.
- Extremely accurate, precise work due to the dimensionally stable abrasive caps.
- Quick and easy replacement of abrasive caps.
- The entire surface of the seamlessly molded caps can be used for grinding.
- The set contains all the standard shapes and sizes.

Recommendations for use:
- Can be used for very detailed and precise work on hooves.
- Use preferably with speed-controllable straight grinders and flexible shafts.

Contents:
- 5 pcs. each POLICAP® abrasive caps PC (grit size 60/150/280)
  10 G, 13 G and 16 G
- 10 pcs. each POLICAP® abrasive caps PC (grit size 60/150/280)
  05 G and 07 G
- 1 piece each POLICAP® abrasive cap holder
  PCT 0511 G, 0713 G, 1015 G, 1317 G and 1626 G

Mounting the above:

Ordering example:
EAN 4007220
ZY 1632 6 AH 1 D 12 V HKK

Speeds of POLICAP® tools

POLICAP® tools are used at a cutting speed of 10-20 m/s on steel. The speeds should be appropriately reduced on the horse’s hoof.
The following speeds result, dependent on the head ø:

<table>
<thead>
<tr>
<th>Head ø [mm]</th>
<th>Rotational speed [RPM]</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>40,000 - 58,000</td>
</tr>
<tr>
<td>7</td>
<td>26,000 - 40,000</td>
</tr>
<tr>
<td>10</td>
<td>18,000 - 28,000</td>
</tr>
<tr>
<td>13</td>
<td>15,000 - 22,000</td>
</tr>
<tr>
<td>16</td>
<td>12,000 - 18,000</td>
</tr>
</tbody>
</table>

Order No. EAN Grit size S₂ x L₂ [mm] D x T [mm] Max. speed [RPM]
ZY 1632 6 AH 1 D 12 V HKK 096703 1 6 x 40 16 x 32 51,200 10 190
ZY 2532 6 AH 1 D 12 V HKK 097540 1 6 x 40 25 x 32 32,900 10 295
ZY 4020 6 AH 2 D 12 V HKK 100134 2 6 x 40 40 x 20 23,800 5 230

Order No. EAN Dimensions [mm]
PC 110 G 355428 180 x 145 x 40 1 250
HSS rotary cutter in special cut are extremely durable due to their excellent production quality, have a high stock removal performance and are perfectly suited for work even at low speeds.

**Advantages:**
- Absolutely precise shaping work.
- Accurately adapted geometries for the most frequent application cases.

**Contents:**
- 10 HSS rotary cutters, 1 piece each:
  - 928/3 Special cut (SPG / tapered cone / 8.0 x 14.0 mm)
  - 924/3 Special cut (SPG / tapered cone / 4.0 x 7.0 mm)
  - 953/3 Special cut (N / disc / flap discs / 12.0 x 3.0 mm)
  - 947/3 Special cut (KUD / ball / 8.0 mm)
  - 943/3 Special cut (KUD / ball / 3.2 mm)
  - 987/3 Special cut (B / flame / 7.0 x 12.0 mm)
  - 985/3 Special cut (ZYA / cylinder / 7.0 x 10.0 mm)
  - 979/3 Special cut (RBF / Flame round / 7.0 x 10.0 mm)
  - 973/3 Special cut (N / disc / 8.0 x 1.0 mm)
  - 964/3 Special cut (N / disc / 14.0 x 3.0 mm)

**Recommendation for use:**
Use HSS rotary cutters preferably with speed-controllable straight grinders or flexible shaft drives.

**Application information:**
Also suitable for light processing of steel.

**Rotary cutter set shank ø 3 mm**

**Rotary cutter set shank ø 6 mm**

**Hoof Processing**

**HSS Rotary Cutter Sets**

The HSS rotary cutter set shank ø 3 mm comprises of 10 frequently used shapes with a special cut, clearly laid out and perfectly protected in a strong plastic box.

**Advantages:**
- High stock removal rates thanks to aggressive special cut.
- Accurately adapted geometries for the most frequent application cases.

**Contents:**
- 10 HSS rotary cutters, 1 piece each:
  - HSS G 1225/6 Z3
  - HSS L 1225/6 Z3
  - HSS F 1210/6 Z3
  - HSS C 1225/6 Z3
  - HSS F 1009/6 Z3
  - HSS K 1020/6 Z3
  - HSS W 1213ST/6 Z3
  - HSS 45/6 Z3 (round flame / 12.0 x 18.0 mm)
  - HSS 64/6 Z3 (ball with neck / 12.0 x 70.0 mm)
  - HSS 55/6 Z3 (ball with neck / 6.0 x 20.0 mm)

**Order No.**

<table>
<thead>
<tr>
<th>EAN</th>
<th>Cut</th>
<th>Shank dia. [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>4007220</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Set 85 HSS</td>
<td>84532</td>
<td>1</td>
</tr>
</tbody>
</table>

**Rotary cutter shank ø 6 mm**

The HSS rotary cutter set shank ø 6 mm comprises of 10 frequently used shapes with special cut, clearly laid out and perfectly protected in a strong plastic box.

**Advantages:**
- High stock removal rates thanks to aggressive special cut.
- Accurately adapted geometries for the most frequent application cases.

**Contents:**
- 10 HSS rotary cutters, 1 piece each:
  - HSS 6 1225/6 Z3
  - HSS L 1225/6 Z3
  - HSS F 1210/6 Z3
  - HSS C 1225/6 Z3
  - HSS F 1009/6 Z3
  - HSS K 1020/6 Z3
  - HSS W 1213ST/6 Z3
  - HSS 45/6 Z3 (round flame / 12.0 x 18.0 mm)
  - HSS 64/6 Z3 (ball with neck / 12.0 x 70.0 mm)
  - HSS 55/6 Z3 (ball with neck / 6.0 x 20.0 mm)

**Order No.**

<table>
<thead>
<tr>
<th>EAN</th>
<th>Cut</th>
<th>Shank dia. [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>4007220</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Set 82 HSS</td>
<td>845349</td>
<td>1</td>
</tr>
</tbody>
</table>

**Speeds of HSS rotary cutters**

HSS rotary cutters are used at a cutting speed of 80-100 m/min on steel. The speeds should be appropriately reduced on the horse’s hoof. The following speeds result dependent on the rotary cutter ø:

<table>
<thead>
<tr>
<th>Rotary cutter ø [mm]</th>
<th>Rotational speed [RPM]</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.2</td>
<td>6,000 - 10,000</td>
</tr>
<tr>
<td>4.0</td>
<td>4,800 - 8,000</td>
</tr>
<tr>
<td>6.0</td>
<td>3,200 - 5,400</td>
</tr>
<tr>
<td>7.0</td>
<td>2,800 - 4,600</td>
</tr>
<tr>
<td>8.0</td>
<td>2,400 - 4,000</td>
</tr>
<tr>
<td>10.0</td>
<td>8,000 - 3,200</td>
</tr>
<tr>
<td>12.0</td>
<td>1,600 - 2,700</td>
</tr>
<tr>
<td>14.0</td>
<td>1,400 - 2,300</td>
</tr>
</tbody>
</table>
Horseshoe Processing

COMBICLICK® Fibre Discs

The COMBICLICK® system is used for cool grinding on steel, stainless steel or aluminum. It consists of a combination of a backing pad and a fibre disc. The cooling slots in the backing pad ensure a consistent throughput of air, thus significantly reducing thermal loads on the workpiece and the tool.

Recommendation for use:
- Ø 115 mm: High chipping performance
- Ø 125 mm: High flexibility for grinding convex and concave contours.
- Ø 180 mm: Highly suitable for semi-stationary use, e.g. for grinding horseshoes.

Highly suitable for aggressive grinding with maximum stock removal on steel and stainless steel.

Active abrasive additives in the coating ensure substantially increase stock removal while preventing loading and heat build-up.

Abrasive: Ceramic oxide CO-COOL

Advantages:
- Long tool life.
- High stock removal.
- Cool grinding.
- High surface quality.

Safety recommendation:
The peripheral speed must not exceed 80 m/s.

Ordering information:
Please order COMBICLICK® backing pads separately.

Machinable materials:
Aluminum, steel, stainless steel (INOX)

Ordering example:
EAN 4007220763315 CC-FS 115 CO-COOL 36
Please state required grit size.

### Order No. | Grit size | Dia. D [mm] | Max. speed [RPM] | Thread | Suitable for machine types | Max. speed [RPM]
--- | --- | --- | --- | --- | --- | ---
CC-FS 115 A | 36 (coarse) | 763186 | 115 | 13,300 | 25 | 750
CC-FS 125 A | 50 (fine) | 763193 | 120 | 12,000 | 25 | 875
CC-FS 180 A | 125 | 722107 | 180 | 8,500 | 25 | 1,850

### Order No. | Grit size | Dia. D [mm] | Max. speed [RPM] | Thread | Suitable for machine types | Max. speed [RPM]
--- | --- | --- | --- | --- | --- | ---
CC-FS 115 CO-COOL | 36 (coarse) | 763315 | 115 | 13,300 | 25 | 750
CC-FS 125 CO-COOL | 50 (fine) | 722480 | 125 | 12,200 | 25 | 875
CC-FS 180 CO-COOL | 125 | 722565 | 180 | 8,500 | 25 | 1,725

COMBICLICK® backing pads

Using this backing pad COMBICLICK® fibre discs can be used on standard commercial angle grinders. The cooling slot geometry ensures a high throughput of air, thus significantly reducing thermal loads on the abrasive material and workpiece.

### Order No. | EAN 4007220 | Thread | Suitable for | Suitable for machine types | Max. speed [RPM] | Max. speed [RPM]
--- | --- | --- | --- | --- | --- | ---
CC-GT 115-125 M14 | 725764 | M14 | CC-FS 115, CC-FS 125 | Angle grinders 115 and 125 with M 14 holder | 13,300 | 165
CC-GT 180 M14 | 725788 | M14 | CC-FS 180 | Angle grinder 180 with M 14 holder | 8,500 | 250
Long belts aluminum oxide A type are used on semi-stationary belt sanding machines for processing horseshoes. PFERD-abrasive belts convince customers with their quality and durability and comply with the ISO 2976 standard.

**Abrasive: Aluminum oxide A**

**Advantages:**
- Quick and precise grinding of horseshoes.
- Extremely fine surfaces achievable, e.g. with grit size 120.

**Recommendation for use:**
Suitable for all standard commercial belt grinding machines with a belt length of 1,000 mm and 2,000 mm.

**Machinable materials:**
Aluminum, steel, stainless steel (INOX)

**Ordering example:**
EAN 4007220
BA 100/1000 A 60
Please state required grit size.

---

Long belts type Z-FORTE are used on semi-stationary belt grinding machines for processing of horseshoes. PFERD-grinding belts Z-FORTE convince customers with their extremely cool grinding and long tool life.

**Abrasive: Zirconia alumina Z-FORTE**

**Advantages:**
- Extremely cool grinding.
- Quick and precise grinding of horseshoes.
- Extremely long tool life.
- For high strain with maximum stock removal.
- Extremely quick and precise grinding of horseshoes.

**Recommendation for use:**
Suitable for all standard commercial grinding machines with a belt length of 2,000 mm.

**Machinable materials:**
Steel, stainless steel (INOX)

---

Long belts type zirconia alumina are used on semi-stationary belt grinding machines for processing horseshoes. PFERD zirconium aluminum oxide grinding belts are highly durable and achieve maximum stock removal.

**Abrasive: Zirconia alumina Z**

**Advantages:**
- Extremely long tool life.
- For high strain with maximum stock removal.
- Extremely quick and precise grinding of horseshoes.

**Recommendation for use:**
Suitable for all standard commercial belt grinding machines with a belt length of 1,000 mm and 2,000 mm.

**Machinable materials:**
Steel
The cut-off and reinforced grinding wheel DUODISC® is used for quick and clean cutting and for safe grinding, for example for light deburring work. No tool change necessary, no clamping changes!

**Advantages:**

- Unsurpassed quality and safety due to the robust design ensuring high dimensional and lateral stability.
- Reduces labour costs by eliminating set-up times (less wheel changes).
- High performance due to aggressive abrasive and high-quality abrasive grit bonds.
- The cut-off and reinforced grinding wheel DUODISC® accords with the EN 12413:2007 specifications.

**Abrasive:** Aluminum oxide A
Manufactured without addition of ferrous, sulphurous or chlorinated fillers.

**Machinable materials:**
Steel, stainless steel (INOX)

**Operation:**
Cutting, light deburring, light surface grinding

**Recommendations for use:**
- 1.9 mm disc thickness – application focus: cutting.
- 2.8 mm disc thickness – application focus: grinding.

**Suitable for angle grinders of all performance classes.**

**Ordering example:**
EAN 4007220835081
E 115-1.9 A 46 P PSF-INOX-DUO/22.23

### Order No.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>EN-designation</th>
<th>D x U x H [mm (inch)]</th>
<th>Max. speed [RPM]</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 115-1.9 A 46 P PSF-INOX-DUO/22.23</td>
<td>835081</td>
<td>27 A 46 P BF 80</td>
<td>115 x 1.9 x 22.23 (7/8)</td>
<td>13,300</td>
<td>10</td>
</tr>
<tr>
<td>E 115-2.8 A 46 P PSF-INOX-DUO/22.23</td>
<td>754498</td>
<td>27 A 46 P BF 80</td>
<td>115 x 2.8 x 22.23 (7/8)</td>
<td>13,300</td>
<td>10</td>
</tr>
<tr>
<td>E 125-1.9 A 46 P PSF-INOX-DUO/22.23</td>
<td>835098</td>
<td>27 A 46 P BF 80</td>
<td>125 x 1.9 x 22.23 (7/8)</td>
<td>12,200</td>
<td>10</td>
</tr>
<tr>
<td>E 125-2.8 A 46 P PSF-INOX-DUO/22.23</td>
<td>754504</td>
<td>27 A 46 P BF 80</td>
<td>125 x 2.8 x 22.23 (7/8)</td>
<td>12,200</td>
<td>10</td>
</tr>
</tbody>
</table>

INOX/steel
Easy to use tool which cuts well, for processing steel.
PFERD product characterized by aggressive abrasive performance and long tool life.

**Abrasive: Aluminum oxide A**

**Machinable materials:**
Steel

**Recommendations for use:**
Thin cut-off grinding wheels for quick, comfortable and burr minimized cutting with minimized burr formation. Suitable for angle grinders of all output levels.

The use of large clamping flanges (SFS 76) increases the lateral stability and ensures accurate disc guidance, especially for thin cut-off grinding wheels with a straight design ø 178 mm.

**Ordering example:**
EAN 400720560242
EHT 115-1.0 A 60 P PSF/22.23

**Order No.** | **EAN** | **EN-designation** | **D x T/U x H** | **Max. speed** | **Flange diameter** | **Flange diameter**
--- | --- | --- | --- | --- | --- | ---
EHT 115-1.0 A 60 P PSF/22.23 | 560242 | 41 A 60 P BF 80 | 115 x 1.0 x 22.23 (7/8) | 13,300 | 25 | 0.625
EHT 115-1.6 A 46 P PSF/22.23 | 538111 | 41 A 46 P BF 80 | 115 x 1.6 x 22.23 (7/8) | 13,300 | 25 | 1.000
EHT 125-1.0 A 60 P PSF/22.23 | 560259 | 41 A 60 P BF 80 | 125 x 1.0 x 22.23 (7/8) | 12,200 | 25 | 0.750
EHT 125-1.6 A 46 P PSF/22.23 | 538128 | 41 A 46 P BF 80 | 125 x 1.6 x 22.23 (7/8) | 12,200 | 25 | 1.150
EHT 178-1.6 A 46 P PSF/22.23 | 581209 | 41 A 46 P BF 80 | 178 x 1.6 x 22.23 (7/8) | 8,600 | 25 | 2.325

**Easy to use tool with good cutting qualities for processing aluminum.**

PFERD product characterized by aggressive cutting and long tool life.

**Abrasive: Silicon carbide C**

**Machinable materials:**
Aluminum, non-ferrous metals

**Recommendations for use:**
Thin cut-off grinding wheels for quick, easy and burr-free cutting.

Suitable for angle grinders of all output levels.

**Ordering example:**
EAN 400720669310
EHT 115-1.0 C 60 P PSF/22.23

**Order No.** | **EAN** | **EN-designation** | **D x T/U x H** | **Max. speed** | **Flange diameter** | **Flange diameter**
--- | --- | --- | --- | --- | --- | ---
EHT 115-1.0 C 60 P PSF/22.23 | 669310 | 41 C 60 P BF 80 | 115 x 1.0 x 22.23 (7/8) | 13,300 | 25 | 0.625
EHT 115-1.6 C 46 P PSF/22.23 | 669297 | 41 C 46 P BF 80 | 115 x 1.6 x 22.23 (7/8) | 13,300 | 25 | 1.100
EHT 125-1.0 C 60 P PSF/22.23 | 804278 | 41 C 60 P BF 80 | 125 x 1.0 x 22.23 (7/8) | 12,200 | 25 | 0.850
EHT 125-1.6 C 46 P PSF/22.23 | 804308 | 41 C 46 P BF 80 | 125 x 1.6 x 22.23 (7/8) | 12,200 | 25 | 1.175

**Special flange ø 76 mm for drive spindles M14. Accessories for increasing the lateral stability and improving the power transmission on cut-off wheels. PFERD design made of high-quality tool steel.**

**Recommendations for use:**
The use of large clamping flanges (SFS 76) increases the lateral stability and ensures accurate disc guidance, especially for thin cut-off wheels with a flat design ø 178 mm.

**Order No.** | **EAN** | **Flange diameter** | **Flange diameter**
--- | --- | --- | ---
SFS 76 | 595275 | 76 | 1 | 0.370

**Easy to use tool with good cutting qualities for processing aluminum.**

PFERD product characterized by aggressive cutting and long tool life.

**Abrasive: Silicon carbide C**

**Machinable materials:**
Aluminum, non-ferrous metals

**Recommendations for use:**
Thin cut-off grinding wheels for quick, easy and burr-free cutting.

Suitable for angle grinders of all output levels.

**Ordering example:**
EAN 400720669310
EHT 115-1.0 C 60 P PSF/22.23

**Order No.** | **EAN** | **EN-designation** | **D x T/U x H** | **Max. speed** | **Flange diameter** | **Flange diameter**
--- | --- | --- | --- | --- | --- | ---
EHT 115-1.0 C 60 P PSF/22.23 | 669310 | 41 C 60 P BF 80 | 115 x 1.0 x 22.23 (7/8) | 13,300 | 25 | 0.625
EHT 115-1.6 C 46 P PSF/22.23 | 669297 | 41 C 46 P BF 80 | 115 x 1.6 x 22.23 (7/8) | 13,300 | 25 | 1.100
EHT 125-1.0 C 60 P PSF/22.23 | 804278 | 41 C 60 P BF 80 | 125 x 1.0 x 22.23 (7/8) | 12,200 | 25 | 0.850
EHT 125-1.6 C 46 P PSF/22.23 | 804308 | 41 C 46 P BF 80 | 125 x 1.6 x 22.23 (7/8) | 12,200 | 25 | 1.175
Horseshoe Processing
Reinforced Grinding Wheels

Steel/cast iron

Easy to use tool for processing steel. PFERD product characterized by aggressive grinding performance and long tool life.

Abrasive: Aluminum oxide A

Machinable materials: Steel, cast iron

Operation:
Surface grinding, work on weld seams, chamfering, deburring, fillet weld grinding

Recommendations for use:
Suitable for angle grinders of all output levels. Achieves particularly high stock removal rates even at low contact pressure.

Ordering example:
EAN 4007220 471142
E 125-7 A 30 P PSF/22.23

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>EN-designation</th>
<th>D x U x H [mm (inch)]</th>
<th>Max. speed [RPM]</th>
<th>Pkg</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 125-7 A 30 P PSF/22.23</td>
<td>471142</td>
<td>27 A 30 P BF 80</td>
<td>125 x 7.2 x 22.23 (7/8)</td>
<td>12,200</td>
<td>10</td>
<td>2.250</td>
</tr>
</tbody>
</table>

Aluminum/non-ferrous metals

Professional for processing aluminum. PFERD product providing unusually aggressive grinding action. Operates without tool loading problems, even on soft, adhesive materials. Contains no fillers that might leave undesirable residue on the workpiece. The ground surface can be welded right away without any further treatment.

Abrasive: Special aluminum oxide A

Machinable materials: Soft and tough aluminum, non-ferrous metals

Operation:
Surface grinding, weld dressing, edge grinding

Recommendations for use:
Superb grinding results even at low grinding pressures. Suitable for angle grinders of all output levels.

Ordering example:
EAN 4007220 475393
E 115-7 A 24 N SG-ALU/22.23

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>EN-designation</th>
<th>D x U x H [mm (inch)]</th>
<th>Max. speed [RPM]</th>
<th>Pkg</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>E 115-7 A 24 N SG-ALU/22.23</td>
<td>475393</td>
<td>27 A 24 N BF 80</td>
<td>115 x 7.2 x 22.23 (7/8)</td>
<td>13,300</td>
<td>10</td>
<td>1.840</td>
</tr>
<tr>
<td>E 125-7 A 24 N SG-ALU/22.23</td>
<td>475409</td>
<td>27 A 24 N BF 80</td>
<td>125 x 7.2 x 22.23 (7/8)</td>
<td>12,200</td>
<td>10</td>
<td>2.250</td>
</tr>
<tr>
<td>E 178-7 A 24 N SG-ALU/22.23</td>
<td>475416</td>
<td>27 A 24 N BF 80</td>
<td>178 x 7.2 x 22.23 (7/8)</td>
<td>8,600</td>
<td>10</td>
<td>4.300</td>
</tr>
<tr>
<td>E 230-7 A 24 N SG-ALU/22.23</td>
<td>617793</td>
<td>27 A 24 N BF 80</td>
<td>230 x 7.2 x 22.23 (7/8)</td>
<td>6,600</td>
<td>10</td>
<td>7.000</td>
</tr>
</tbody>
</table>
Versatile tool for grinding work on steel or aluminum horseshoes, e.g. edge and deburring work with high stock removal.

**Advantages:**
- High surface quality.
- Extremely long tool life.

**Abrasive:** Aluminum oxide A

**Machinable materials:**
Steel, stainless steel (INOX)

**Operation:**
Surface grinding, edge and weld dressing

### Recommendation for use:
Superb grinding results even at low grinding pressures. Suitable for angle grinders of all output levels.

### Ordering example:
- EAN 4007220512388
- PFF 115 A 40 PSF/22.23

### Order No.

<table>
<thead>
<tr>
<th>Flat type PFF</th>
<th>EAN 4007220</th>
<th>Grit</th>
<th>D x T x H [mm (inch)]</th>
<th>Max. speed [RPM]</th>
<th>weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFF 115 A 40 PSF/22.23</td>
<td>512388</td>
<td>40</td>
<td>115 x 16 x 22.23 (7/8)</td>
<td>13,300</td>
<td>10</td>
</tr>
<tr>
<td>PFF 125 A 40 PSF/22.23</td>
<td>512425</td>
<td>40</td>
<td>125 x 16 x 22.23 (7/8)</td>
<td>12,200</td>
<td>10</td>
</tr>
<tr>
<td>PFF 180 A 40 PSF/22.23</td>
<td>512463</td>
<td>40</td>
<td>180 x 16 x 22.23 (7/8)</td>
<td>8,500</td>
<td>10</td>
</tr>
</tbody>
</table>

Tool for demanding grinding work on steel horseshoes, e.g. edge and deburring work with high stock removal.

**Advantages:**
- High stock removal due to highly aggressive characteristics.
- Extremely long tool life.

**Abrasive:** Zirconia alumina Z

**Machinable materials:**
Steel, stainless steel (INOX)

**Operation:**
Surface grinding, edge and weld dressing

### Recommendation for use:
Suitable for angle grinders of all output levels.

### Ordering example:
- EAN 4007220512487
- PFF 115 Z 40 PSF/22.23

### Order No.

<table>
<thead>
<tr>
<th>Flat type PFF</th>
<th>EAN 4007220</th>
<th>Grit</th>
<th>D x T x H [mm (inch)]</th>
<th>Max. speed [RPM]</th>
<th>weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFF 115 Z 40 PSF/22.23</td>
<td>512487</td>
<td>40</td>
<td>115 x 15 x 22.23 (7/8)</td>
<td>13,300</td>
<td>10</td>
</tr>
<tr>
<td>PFF 125 Z 40 PSF/22.23</td>
<td>512517</td>
<td>40</td>
<td>125 x 15 x 22.23 (7/8)</td>
<td>12,200</td>
<td>10</td>
</tr>
<tr>
<td>PFF 180 Z 40 PSF/22.23</td>
<td>512548</td>
<td>40</td>
<td>180 x 15 x 22.23 (7/8)</td>
<td>8,500</td>
<td>10</td>
</tr>
</tbody>
</table>
For processing steel horseshoes, PFERD is able to offer a range of frequently used machinist’s files in a robust and resistant PVC plastic pouch. PFERD machinist’s files are traditional products of the highest quality and are exceptionally durable. Each file in the set has an ergonomic file handle for optimum grip and the best working results.

**Advantages:**
- Set of frequently used machinist’s files.
- Practical and robust plastic pouch.
- Maximum quality and durability.

---

**Order No.** | **EAN 4007220** | **Contents** (each file with appropriate ergonomic handle) | **Ordering example:**
--- | --- | --- | ---
541 WR 250 mm | 011447 | 1112 250 mm H1, 1132 250 mm H1, 1142 250 mm H1, 1152 SP 250 mm H1, 1162 250 mm H1 | EAN 4007220 015636 290 250 mm Z1

Milled tooth files by PFERD are suitable for the coarse chipping of aluminum and other soft metals, e.g. brass or copper and untempered steel. The highly-abrasive milled tooth shape with large chip spaces prevents loading problems. It has a long tool lifetime and high stock removal performance.

**Advantages:**
- No loading.
- Simply beat to clean.

**Operation:**
- Surface machining
- Deburring
- Shaping and refining rectangular geometries

**Ordering example:**
EAN 4007220 015636 290 250 mm Z1

---

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

**Advantages:**
- Rectangular file, tanged.
- Cut on three sides.
- Angular cut with chip breaker on the flat sides.
- Straight cut on the wide edge.

**Ordering example:**
EAN 4007220

---

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Length [mm]</th>
<th>Length [inch]</th>
<th>Cuts</th>
<th>Cross-section [mm]</th>
<th>Matching handle</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>290</td>
<td>250</td>
<td>10</td>
<td>015636, 015643</td>
<td>25.0 x 5.5</td>
<td>FH 4/1</td>
<td>10</td>
</tr>
<tr>
<td>290</td>
<td>300</td>
<td>12</td>
<td>015650, 015667, 015674</td>
<td>30.0 x 5.8</td>
<td>FH 5/1</td>
<td>5</td>
</tr>
</tbody>
</table>
Horseshoe Processing
Milled Tooth Files, File Handles, File Brush

Milled tooth files, half round, hollow

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

Advantages:
- Specialist for work on aluminum.
- Particularly well-suited for processing and re-processing of curves.
- Extremely long tool life.
- No loading.
- Simply beat to clean.

Ordering example:
EAN 4007220015711
295 250 mm Z1

Operation:
- Machining of radius areas
- Deburring
- Filing of half round shapes

Ordering example:
EAN 4007220015711
295 250 mm Z1

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Length [mm]</th>
<th>Length [inch]</th>
<th>Cuts</th>
<th>EAN 4007220</th>
<th>Cross-section [mm]</th>
<th>Matching handle</th>
</tr>
</thead>
<tbody>
<tr>
<td>295</td>
<td>250</td>
<td>10</td>
<td>1</td>
<td>015711</td>
<td>23.0 x 7.0</td>
<td>FH 4/1</td>
</tr>
<tr>
<td>295</td>
<td>300</td>
<td>12</td>
<td>1</td>
<td>015735</td>
<td>27.0 x 9.0</td>
<td>FH 5/1</td>
</tr>
</tbody>
</table>

Advantages:
- Optimum grip.
- Ergonomic shape.
- Soft exterior plastic with hard and rugged internal core.
- Without plasticisers.
- Large, rounded grip surfaces.

Maximum working safety:
Protects hands from contact with sharp edges and corners of the file.

Ordering example:
EAN 4007220535776
FH 4/1-10

Ergonomic file handles

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Overall length [mm]</th>
<th>Suitable for file length [mm]</th>
<th>Suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>FH 4/1-10</td>
<td>535776</td>
<td>115</td>
<td>200 - 250</td>
<td>shape hand, flat, half round</td>
</tr>
<tr>
<td>FH 5/1-10</td>
<td>535813</td>
<td>115</td>
<td>300 - 350</td>
<td>shape hand, flat, half round</td>
</tr>
</tbody>
</table>

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

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

Ordering example:
EAN 4007220015315

File brush

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Length [mm]</th>
<th>Length [inch]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HBF 10 ST 0.15 SG</td>
<td>015315</td>
<td>232</td>
<td>9.2</td>
<td>5</td>
</tr>
</tbody>
</table>
## Cleaning Tools
### Scratch Brushes

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Wire material</th>
<th>Wire dia. (d) [(\text{mm})]</th>
<th>No. of rows</th>
<th>Trim length (l_2) [(\text{mm})]</th>
<th>Overall length (l_1) [(\text{mm})]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HBB 50 ST 0.45 SG</td>
<td>572504</td>
<td>Steel</td>
<td>0.45</td>
<td>5</td>
<td>35</td>
<td>200</td>
<td>10</td>
</tr>
<tr>
<td>HBB 80 ST 0.45 SG</td>
<td>647295</td>
<td>Steel</td>
<td>0.45</td>
<td>8</td>
<td>32</td>
<td>235</td>
<td>12</td>
</tr>
<tr>
<td>HBU 40 ST 0.35 SG</td>
<td>572214</td>
<td>Steel</td>
<td>0.35</td>
<td>4</td>
<td>25</td>
<td>290</td>
<td>10</td>
</tr>
</tbody>
</table>

**Block brush HBB 50**
Block brush, superb for cleaning and derusting of, for example, steel horseshoes.

**Advantages:**
- Handy.
- Extremely high-performance and durable due to high-quality steel wire.
- Sturdy wooden body, suitable for fixing onto handles.

**Block brush HBB 80**
Large block brush with a handle, superb for rough cleaning and derusting of, for example, steel horseshoes.

**Advantages:**
- Highly aggressive.
- Extremely high performance.
- Highly efficient.
- Robust wooden body.

**Scratch brush HBU**
Scratch brush, suitable for all light cleaning and derusting work, e.g. of steel horseshoes.

**Advantages:**
- Extremely high-performance and durable due to high-quality steel wire.
- Robust wooden body with handy handle.
Set of the most commonly-used shank brushes, shank ø 6 mm for quick and effective cleaning and descaling as well as for light deburring work on steel (steel wire brushes) and aluminum (SiC brushes). Shank brushes can be used on straight grinders on flexible shafts or drills.

Advantages:
- Extremely high-performance shank brushes.
- High-quality, long-life wire qualities.
- Set comprises frequently required shapes and dimensions.
- PBGS (filament type) as the specialist for places which are difficult to reach.

Contents:
1 piece each
- PBU 1212/6 ST 0.35 SG
- PBGS 1010/6 ST 0.35 SG
- PBG 1919/6 ST 0.35 SG
- RBU 3006/6 ST 0.20 SG
- RBU 7004/6 ST 0.20 SG
- RBU 7015/6 ST 0.30 SG
- RBU 7015/6 SiC 180 0.90 SG
- RBG 7006/6 ST 0.35 SG
- RBG 7012/6 ST 0.50 SG
- RBG 7012/6 ST 0.50 SG
- TBU 6015/6 ST 0.20 SG

V-shaped scratch brush with steel wire trim for processing fillet welds, joints, narrow slots and other places which are hard to reach. Ideal for cleaning and derusting work.

Advantages:
- Extremely high-performance and durable due to high-quality steel wire.
- Robust wooden body with handy handle.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Wire material</th>
<th>Wire dia. d₁ [mm]</th>
<th>No. of rows</th>
<th>Trim length l₂ [mm]</th>
<th>Overall length l₁ [mm]</th>
<th>Brush set shank brushes shank ø 6 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>HBK 30 ST 0.35 SG</td>
<td>572481</td>
<td>Steel</td>
<td>0.35</td>
<td>3</td>
<td>35</td>
<td>290</td>
<td>10</td>
</tr>
</tbody>
</table>

Set of the most commonly-used shank brushes, shank ø 6 mm for quick and effective cleaning and descaling as well as for light deburring work on steel (steel wire brushes) and aluminum (SiC brushes). Shank brushes can be used on straight grinders on flexible shafts or drills.

Advantages:
- Extremely high-performance shank brushes.
- High-quality, long-life wire qualities.
- Set comprises frequently required shapes and dimensions.
- PBGS (filament type) as the specialist for places which are difficult to reach.

Contents:
1 piece each
- PBU 1212/6 ST 0.35 SG
- PBGS 1010/6 ST 0.35 SG
- PBG 1919/6 ST 0.35 SG
- RBU 3006/6 ST 0.20 SG
- RBU 7004/6 ST 0.20 SG
- RBU 7015/6 ST 0.30 SG
- RBU 7015/6 SiC 180 0.90 SG
- RBG 7006/6 ST 0.35 SG
- RBG 7012/6 ST 0.50 SG
- RBG 7012/6 ST 0.50 SG
- TBU 6015/6 ST 0.20 SG

**Scratch brush HBK**

Wheel brushes for angle grinders are superb for medium-hard brushing work, for example cleaning, derusting or descaling, rounding off edges, light deburring or cleaning welding seams.

**Recommendation for use:** Best working results are achieved on the speed-controllable angle grinders as the performance can be adapted to the required brushing result.

**Advantages:**
- Extremely high-performance wheel brush.
- High-quality, long-life wire qualities.
- Highly versatile.
- Best possible performance at any speed.

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RBU 12512/M14 ST 0.30 SG</td>
<td>806975</td>
<td>0.30</td>
<td>125</td>
<td>12</td>
<td>15</td>
<td>M14x2</td>
<td>5,500 - 11,000</td>
<td>11,000</td>
<td>1</td>
<td>0.403</td>
</tr>
</tbody>
</table>
Diamond machinist’s file

Diamond machinist’s files by PFERD are ideal for grinding hoof knives and are characterized by their particularly long tool life.

Diamond machinist’s files are supplied with an ergonomic file handle.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Grit size</th>
<th>Overall length [mm]</th>
<th>Coating length [mm]</th>
<th>Cross-section, with coating [mm]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DF 1162/200 D151</td>
<td>017289</td>
<td>D 151</td>
<td>200</td>
<td>180</td>
<td>8</td>
<td>1</td>
</tr>
</tbody>
</table>

Diamond handy file

Diamond handy files are small, extremely handy files which can be used to grind the curved tip of a hoof knife. They have a forged shank so that they can be used without a handle.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Grit size</th>
<th>Overall length [mm]</th>
<th>Coating length [mm]</th>
<th>Cross-section, with coating [mm]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DF 2610 D126</td>
<td>017340</td>
<td>D 126</td>
<td>215</td>
<td>100</td>
<td>6.7</td>
<td>1</td>
</tr>
</tbody>
</table>

Sharpening steel with handle SB-S 251

The PFERD sharpening steel is used for regular quick grinding of hoof knives and hoof blade. It has an ergonomic handle.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Dimensions [mm]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SB-S 251</td>
<td>846780</td>
<td>200</td>
<td>1</td>
</tr>
</tbody>
</table>
Set consists of
- High-performance, handy angle grinder.
- Keys.
- Wheel flanges.

**Special features:**
- Stepless RPM adjustment of 4,200 – 10,000 RPM.
- High torque ensures excellent RPM stability even under load.
- Max. tool ø 125 mm.
- Digital electronic for constant RPM.
- Totally insulated.
- Electronic switch-off on overload, restart protection after power failure.

---

**Angle grinder UWER 15/100 SI**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UWER 15/100 SI</td>
<td>787007</td>
<td>4,200 - 10,000</td>
<td>230</td>
<td>1,530</td>
<td>1,050</td>
<td>M14</td>
<td>22.23</td>
</tr>
</tbody>
</table>

**Can be ordered separately if required:**

- **Keys**
- Wheel flanges

---

**Straight grinder UGER 5/250 SI**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>RPM</th>
<th>Voltage [Volts] 50 - 60 Hz</th>
<th>Power input [watts]</th>
<th>Power output [watts]</th>
<th>Incl. collet dia. [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set UGER 5/250 SI</td>
<td>846520</td>
<td>11,000 - 25,000</td>
<td>230</td>
<td>500</td>
<td>300</td>
<td>6</td>
</tr>
</tbody>
</table>

**Can be ordered separately if required:**

- **Keys**
- **Collets**
Flexible shaft drive set RUER 10/250 SI

Set consists of
- High-performance, versatile flexible shaft drive.
- Matching flexible shaft incl. handpiece.
- Keys.
- Collets for shank ø 3 mm and 6 mm.

Record universal motor RUER 10/250 SI
The RUER 10/250 SI is a high-performance, versatile drive, ideal for milling, grinding, brushing and polishing with mounted tools. The machine can also be operated when suspended. The long shaft means that it is not directly next to the horse.

Special features:
- Stepless RPM adjustment of 11,000 – 25,000 RPM.
- Speed adjustment possible even while the motor is running.
- Digital electronic ensures constant RPM even under load.
- Totally insulated.
- Versatile use, as it can be connected to any 230 volt AC current line or to 230 volt, 50/60 Hz generator.
- Start up current limiting for smooth start up.
- Machine protected by tube frame in any position.
- Electronic switch-off on overload, restart protection after power loss.

Dimensions L x W x H:
300 x 75 x 140 mm

Can be ordered separately if required:

Keys

<table>
<thead>
<tr>
<th>Width across flats</th>
<th>Quantity</th>
<th>EAN 4007220</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 mm</td>
<td>1</td>
<td>206836</td>
</tr>
<tr>
<td>18 mm</td>
<td>1</td>
<td>206843</td>
</tr>
</tbody>
</table>

Collets

<table>
<thead>
<tr>
<th>Group 9</th>
<th>for shank ø</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 mm</td>
</tr>
<tr>
<td></td>
<td>6 mm</td>
</tr>
</tbody>
</table>

Order No. EAN 4007220

HSS rotary cutters
shank ø 3 mm
See page 11

HSS rotary cutters
shank ø 6 mm
See page 11

Mounted points
See page 10

Abrasive spiral bands
See page 9

Mounted pencil brushes,
knotted and individual filament

Mounted wheel brushes,
knotted and individual filament

Mounted cup brushes
individual filament
See page 21

Note: If no shank ø is stated, shank ø is always 6 mm.

Can be ordered separately if required:

**Keys**

<table>
<thead>
<tr>
<th>Width across flats</th>
<th>Quantity</th>
<th>EAN 4007220</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 mm</td>
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<td>206836</td>
</tr>
<tr>
<td>18 mm</td>
<td>1</td>
<td>206843</td>
</tr>
</tbody>
</table>

**Collets**

<table>
<thead>
<tr>
<th>Group 9</th>
<th>for shank ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 mm</td>
<td>EAN 4007220</td>
</tr>
<tr>
<td>6 mm</td>
<td>195888</td>
</tr>
<tr>
<td>195932</td>
<td></td>
</tr>
</tbody>
</table>

Flexible shaft drive set MMEW 11/120

The Mini-Mammut MMEW 11/120 is a high-performance, versatile drive, ideally suited for milling, grinding, brushing and polishing with shank tools. The long flexible shaft allows flexible work on hooves and horseshoes.

**Special features:**
- Stepless RPM adjustment of 850 – 12,000 RPM.
- Speed adjustment possible even while the motor is running.
- Good speed/power ratio.
- Extremely low noise development.
- Smooth start up.
- Robust steel plate housing.
- Automatic motor stop on overload.
- Mains switch with undervoltage release.

**Order No. EAN 4007220**

<table>
<thead>
<tr>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions ø x length [mm]</td>
</tr>
<tr>
<td>16 x 1,643</td>
</tr>
</tbody>
</table>

**Suitable PFERD tools**

- **HSS rotary cutters**
  - shank ø 3 mm
  - See page 11

- **HSS rotary cutters**
  - shank ø 6 mm
  - See page 10

- **Mounted points**
  - See page 10

- **Abrasive spiral bands**
  - See page 9

- **Mounted pencil brushes**, knotted and individual filament
  - See page 21

- **Mounted wheel brushes**, knotted and individual filament
  - See page 21

- **Mounted cup brushes**
  - individual filament
  - See page 21

**Note:** If no shank ø is stated, shank ø is always 6 mm.
Clothing
Bodywarmer, Blouson, T-shirts

PFERD bodywarmer

PFERD bodywarmer in high-density and compact fleece quality (320 g/m²).

Pleasantly soft and warm fleece bodywarmer made of high-quality, breathable and easy-care antipilling fleece. Comfortable cut, discreet same-tone logo embroidery on left side of chest. Warms back and kidneys whilst allowing you to move freely.

- Two outside zip pockets.
- Armpits and hems are reinforced with nylon.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Size</th>
<th>Weight [g]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bodywarmer XS</td>
<td>844816</td>
<td>XS</td>
<td>1</td>
</tr>
<tr>
<td>Bodywarmer S</td>
<td>844823</td>
<td>S</td>
<td>1</td>
</tr>
<tr>
<td>Bodywarmer M</td>
<td>844830</td>
<td>M</td>
<td>1</td>
</tr>
<tr>
<td>Bodywarmer L</td>
<td>844847</td>
<td>L</td>
<td>1</td>
</tr>
<tr>
<td>Bodywarmer XL</td>
<td>844854</td>
<td>XL</td>
<td>1</td>
</tr>
<tr>
<td>Bodywarmer XXL</td>
<td>845011</td>
<td>XXL</td>
<td>1</td>
</tr>
</tbody>
</table>

PFERD Blouson

Light, highly-comfortable and functional slip-on blouson made of high-quality microfiber, robust, breathable and windproof. Comfortable cut, flexible cuffs on arms, collar and waistband. Side zips at sides to allow you to take the blouson off or put it on easily.

Logo embroidery in navy blue on left-hand side of chest.

- Two outside zip pockets.
- Removable arms mean that the blouson can be turned into a bodywarmer.
- Robust, windproof seams.
- Tight closing knit bands on arms, collar and waistband.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Size</th>
<th>Weight [g]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blouson S</td>
<td>844625</td>
<td>S</td>
<td>1</td>
</tr>
<tr>
<td>Blouson M</td>
<td>844632</td>
<td>M</td>
<td>1</td>
</tr>
<tr>
<td>Blouson L</td>
<td>844649</td>
<td>L</td>
<td>1</td>
</tr>
<tr>
<td>Blouson XL</td>
<td>844670</td>
<td>XL</td>
<td>1</td>
</tr>
</tbody>
</table>

PFERD T-shirt – Ladies

Classic Ladies T-shirt with round neck, slightly tapered. Highly comfortable, 100% cotton, logo print in white on left-hand side of chest.

- High-quality single jersey.
- Fine-knit band on wide-collar neckline.
- Slightly tapered.
- Double seams on shoulders, neckline and armpits.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>EAN 4007220</th>
<th>Size</th>
<th>Weight [g]</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-shirt - Ladies S</td>
<td>844779</td>
<td>S</td>
<td>1</td>
</tr>
<tr>
<td>T-shirt - Ladies M</td>
<td>844786</td>
<td>M</td>
<td>1</td>
</tr>
<tr>
<td>T-shirt - Ladies L</td>
<td>844793</td>
<td>L</td>
<td>1</td>
</tr>
<tr>
<td>T-shirt - Ladies XL</td>
<td>844809</td>
<td>XL</td>
<td>1</td>
</tr>
<tr>
<td>T-shirt - Ladies XXL</td>
<td>844991</td>
<td>XXL</td>
<td>1</td>
</tr>
</tbody>
</table>

Colour: Navy
Material: 100 % polyester, washable at 40°C
Available sizes: S, M, L, XL, XXL, see table
**Clothing**

**T-shirts, Peaked Cap**

Children’s T-Shirt with round neck, highly comfortable, 100 % cotton, logo print in white on left-hand side of chest.  
- High-quality single jersey.  
- Round-neck cut with spandex.  
- Double seams on shoulders, neckline and armholes.

| Colour: | Navy blue |
| Material: | 100 % ring spun cotton, 150 g/m² washable at 40°C |

**Available sizes:**  
XL (146/152), see Table

---

**Order No.** | **EAN** | **Size** | **Price** |
--- | --- | --- | --- |
T-shirt - Junior | 4007220 | 844748 | XL (146/152) | 1 | 0.115 |

Men’s T-shirt with round neck, highly comfortable to wear. 100% cotton, logo print in white on left-hand side of chest.  
- Round-neck cut with spandex.  
- Double seams on shoulders, neckline and armholes.

| Colour: | Navy |
| Material: | 100 % ring spun cotton, 150 g/m² washable at 40°C |

**Available sizes:**  
S, M, L, XL, XXL, see table

---

**Order No.** | **EAN** | **Size** | **Price** |
--- | --- | --- | --- |
T-shirt - Men S | 4007220 | 844878 | S | 1 | 0.125 |
T-shirt - Men M | 844885 | M | 1 | 0.146 |
T-shirt - Men L | 844892 | L | 1 | 0.176 |
T-shirt - Men XL | 844908 | XL | 1 | 0.185 |
T-shirt - Men XXL | 845004 | XXL | 1 | 0.195 |

Extremely high-quality 6-panel baseball cap, 100 % cotton, classic short sign. Logo embroidery in navy blue, internet address embroidery at size-adjustment point.  
- Classic fit.  
- Size adjustment.

| Colour: | Olive |
| Material: | 100 % cotton |

**Available sizes**  
One size fits all.

---

**Order No.** | **EAN** | **Size** | **Price** |
--- | --- | --- | --- |
Peaked cap | 4007220 | 844731 | unisize | 1 | 0.085 |
Special tools for unique animals

You can find PFERD tools for working on and caring for hooves in qualified retail trade.

As well as the range of offers in this brochure, PFERD offers a comprehensive range of tools for surface machining and for cutting materials. More information is contained in the PFERD TOOL manual. This is more than just a simple catalog, as it contains basic and specialized technical guidelines and recommendations on the efficient use of the tools. Request your personal copy.