

CHAIN SHARP CS-X chain saw sharpener

Optimum sharpening in one work step



TRUST BLUE

- Sharpening of cutting tooth and adjustment of depth gauge in a one-step operation
- Change from left to right tooth without conversion
- Simple replacement of the files through the side opening

Sharpening files

CHAIN SHARP CS-X chain saw sharpeners



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

CS-X-3,2



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



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:



| 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 |

* 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 |

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.




Applications:
sharpening

Ordering notes:

- Please specify the desired Performance Line.
- Available in different diameters, suitable for all common saw chains.
- Packaging units of 6 and 60 pieces in a practical cardboard box.

Materials that can be worked:

steels up to 1,200 N/mm²

| 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 | - | - | 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 file handles for PFERD chain saw files on page 5.

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 ... |

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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:

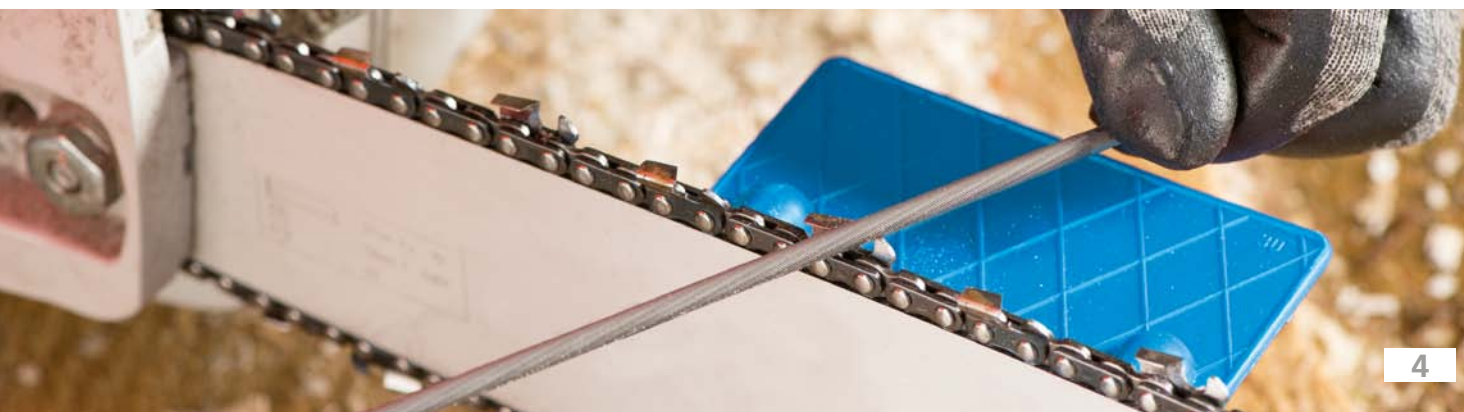
- One packaging unit contains twenty plastic packs, each containing two files.

| 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 |

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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 |

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.

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:



KSSL



| 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.



