

Tungsten carbide profile cylinder burr PZF dia. 06x22x60 mm shank dia. 6 mm for locksmiths, police and fire service



**Tungsten carbide profile cylinder burr PZF dia. 06x22x60
mm shank dia. 6 mm for locksmiths, police and fire service**

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The profile cylinder burr PZF for locksmiths from PFERD TOOLS is a cylindrical burr with drill tip and cut cutting surfaces, which was developed specially for time-saving milling of locked profile cylinders with pull protection. The integrated drill tip enables accurate centring, meaning that the profile cylinder can be milled precisely. Thanks to the cut on the external surface and the twisted grooves, optimum chip removal is ensured. Tool jamming is therefore minimized and the risk of breakage is reduced. Furthermore, the innovative milling tool from PFERD TOOLS impresses with its good tool life, despite the challenging application.

Using conventional burrs takes several minutes to open a profile cylinder of a security lock. Thanks to its extremely high stock removal rate, PFERD TOOLS' innovative solution usually enables you to complete this task in under one minute – depending on the lock.

The MICRO version is particularly well suited to milling out high-quality cylinder locks with hardened components up to 68 HRC.

Technical information

Cut	PZF MICRO
Dia. external	6 mm
Dia. shank	6 mm
Length, cut	22 mm
Length, total	60 mm
RPM, grey cast iron, white cast iron	14.000 - 28.000 RPM
RPM, hard non-ferrous metals	14.000 - 28.000 RPM
RPM, hardened, heat-treated steels over 1,200 N/mm ²	14.000 - 28.000 RPM
RPM, rust and acid-resistant steels	14.000 - 28.000 RPM
RPM, soft non-ferrous metals	14.000 - 28.000 RPM
RPM, steels up to 1,200 N/mm ²	14.000 - 28.000 RPM

Advantages

- ✔ Enormous time savings thanks to very high stock removal rate.
- ✔ High-precision drilling thanks to centring point.
- ✔ Less susceptible to breakage, as tool jamming is minimized.
- ✔ Optimum chip removal.
- ✔ Easy to use.
- ✔ Good tool life.
- ✔ Suitable for use on steel and stainless steel (INOX).

Recommendations for use

- ✔ Use the burrs on powerful straight grinders that are, insofar as possible, speed-adjustable.
- ✔ The optimum rotational speed and power output for the tool drive are required for cost-effective use of the burr.
Recommended rotational speed range: 14,000–28,000 RPM.
- ✔ Use the strike plate burr SBF from PFERD TOOLS in order to remove facings or security covers in front of the profile cylinder.

Materials that can be worked

- ✔ Brass
- ✔ Bronze
- ✔ Case-hardened steels
- ✔ Copper
- ✔ Stainless steel (INOX)
- ✔ Steel
- ✔ Steel, cast steel
- ✔ Steel materials with a hardness > 54 HRC
- ✔ Steels over 700 N/mm² (> 220 HB)
- ✔ Steels up to 1,200 N/mm² (< 38 HRC)
- ✔ Steels up to 700 N/mm² (< 220 HB)
- ✔ Tool steels

Applications

- ✔ Cutting out holes
 - ✔ Drilling
 - ✔ Milling
 - ✔ Milling out
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**PFERD
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