



End brush with bridle crimped PBUR dia. 20 mm shank dia. 6 mm steel wire dia. 0.35

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6 mm steel wire dia. 0.35

Item number: [43213002](#)

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Suitable for light brushing such as deburring, cleaning and derusting.

Steel wire is the most common filament material. Brushes with steel wire as the filament material are especially well-suited to work on surfaces and deburring. PFERD TOOLS special wire has high tensile strength and bending fatigue strength. This ensures that the wire wears down in the optimal way, as well as a long tool life, even in extreme brushing applications.

Steel wire withstands temperatures up to 300 Å°C.

Technical information

Dia. cup	22 mm
Dia. external	20 mm
Dia. filament material	0.35 mm
Dia. shank	6 mm
Filament material	Steel wire (ST)
Grit size	No information
Length, filament	25 mm
Length, filament to ring	13 mm
Length, total	70 mm
Max. RPM	12500 RPM
Mounting system	Shank
PFERD TOOLS type	PBUR 2022/6 ST 0,35
RPM, optimum	6.300 - 9.400 RPM

Advantages

- ✓ The bridle prevents the wires spreading out sideways.
- ✓ The bridle enables the spreading out and flexibility of the brush filament to be strictly controlled.
- ✓ Optimal access to hard-to-reach areas such as recesses and drilled holes.
- ✓ If the filament has worn away down to the bridle, it can be removed from the bridle for further use. This does not affect the brushing behaviour.
- ✓ Long tool life through use of PFERD TOOLS special wire.
- ✓ Creates fine surfaces.

Recommendations for use

- ✓ Please observe the recommended rotational speeds.
- ✓ For the best results, use a tool drive with a minimum output of 300 watts.
- ✓ Remove the bridle once the filament is worn down. Then the rest of the filament can be used.
- ✓ Remove the bridle before starting work if you would like to ensure particularly flexible working, achieve a large spreading diameter or access hard-to-reach areas.

Safety notes

- ✓ When clamping the brush, ensure that the shank is clamped as far into the arbor as possible. This applies in particular for use in the high rotational speed range. The minimum clamping length is 10 mm.
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Materials that can be worked

- ✓ Cast iron
- ✓ Cast steel
- ✓ Elastomers
- ✓ Steel, cast steel
- ✓ Steel materials with a hardness > 54 HRC
- ✓ Steels up to 1,200 N/mm² (< 38 HRC)
- ✓ Wood

Applications

- ✓ Cleaning
- ✓ Deburring
- ✓ Derusting
- ✓ Paint stripping
- ✓ Removing oxide layers
- ✓ Roughening

Drive types

- ✓ Flexible shaft drive
- ✓ Power drill
- ✓ Straight grinder



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