



Cup brush crimped TBU dia. 50 mm shank dia. 6 mm steel wire dia. 0.30 (10)

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wire dia. 0.30 (10)

Item number: [43210001](#)

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Generally suitable for cleaning, derusting and smoothing, as well as removal of corrosion and paint. Particularly suitable for brushing on large, flat and easily accessible surfaces due to face-down use with the entire brush face applied to the workpiece.

Cup brush with plastic-covered brush body.

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 °C.

Technical information

Dia. external	50 mm
Dia. filament material	0.3 mm
Dia. shank	6 mm
Filament material	Steel wire (ST)
Length, filament	20 mm
Length, total	75 mm
Max. RPM	10500 RPM
Mounting system	Shank
RPM, optimum	5.300 - 7.900 RPM
Width	10 mm

Advantages

- ✓ Highly flexible, enabling optimal adjustment to the workpiece contour.
- ✓ 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.

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.

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)
 - ✓ Thermoplastics
 - ✓ Thermosetting plastics
 - ✓ Wood
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Applications

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

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