



End brush crimped PBU dia. 20 mm shank dia. 6 mm stainless steel wire dia. 0.20 (10)

**End brush crimped PBU dia. 20 mm shank dia. 6 mm
stainless steel wire dia. 0.20 (10)**

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

End brush with plastic-covered brush body.

In order to fulfil the particular requirements for working with stainless steel (INOX), PFERD TOOLS uses wire quality 1.4310/1.4301 (V2A) for all INOX brushes. Practical experience from industry has shown that this offers very good corrosion resistance with an optimum tool life. All PFERD TOOLS brushes with INOX filaments are colour-coded in blue and are suitable for use on all stainless steels (INOX), such as V4A. The wire quality 1.4310/1.4301 tends to become ferromagnetic in the case of cold working; i.e. it can be attracted using magnets. The reason for this is a change in the microstructure caused by deformation (e.g. during the wire drawing process). This does not have any impact on the quality and corrosion resistance of the INOX filament. The filament is still resistant to corrosion.

Stainless steel wire (INOX) withstands temperatures up to 450 °C.

Technical information

Dia. cup	22 mm
Dia. external	20 mm
Dia. filament material	0.2 mm
Dia. shank	6 mm
Filament material	Stainless steel wire (INOX)
Length, filament	25 mm
Length, total	70 mm
Max. RPM	18000 RPM
Mounting system	Shank
PFERD TOOLS type	PBU 2022/6 INOX 0,20
Packaging	Industrial packaging
RPM, optimum	7.200 - 11.700 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.
- ✓ The plastic covering prevents the risk of corrosion.
- ✓ 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.
- ✓ Very good corrosion resistance.
- ✓ Creates fine surfaces.
- ✓ The brush is degreased and does not leave any oil residue on the workpiece.

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.

Materials that can be worked

- ✔ Aluminium
 - ✔ Bronze
 - ✔ Cobalt-based alloys
 - ✔ Hard non-ferrous metal
 - ✔ High-temperature-resistant materials
 - ✔ Nickel-based alloys (e.g. Inconel and Hastelloy)
 - ✔ Nickel or titanium-based superalloys
 - ✔ Other non-ferrous metals
 - ✔ Soft titanium alloys (tensile strength 500 N/mm²)
 - ✔ Stainless steel (INOX)
 - ✔ Titanium
 - ✔ Titanium alloys
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Applications

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

Drive types

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



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