



SINGLETWIST end brush knotted PBGS dia. 10 mm shank dia. 6 mm stainless steel wire dia. 0.35



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dia. 6 mm stainless steel wire dia. 0.35**

Item number: [43218006](#)

EAN: [4007220659304](#)

Particularly flexible single-knot brush for special applications.

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 (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 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	10 mm
Dia. external	10 mm
Dia. filament material	0.35 mm
Dia. shank	6 mm
Filament material	Stainless steel wire (INOX)
Length, filament	25 mm
Length, total	65 mm
Max. RPM	10000 RPM
Mounting system	Shank
Number, knots	1 pcs.
Packaging	Industrial packaging
RPM, optimum	4.000 - 6.500 RPM

Advantages

- ✓ Optimal access to hard-to-reach areas such as inside corners, as the knot is less likely to unravel.
- ✓ The plastic covering prevents the risk of corrosion.
- ✓ Very good corrosion resistance.
- ✓ The brush is degreased and does not leave any oil residue on the workpiece.

Recommendations for use

- ✓ Please observe the recommended rotational speeds.
- ✓ For optimum results, use on speed-adjustable tool drives.
- ✓ 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

- ✓ 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
 - ✓ Descaling
 - ✓ Paint stripping
 - ✓ Removing heat discolouration
 - ✓ Removing oxide layers
 - ✓ Root seam processing
 - ✓ Work on fillet welds
 - ✓ Work on weld seams
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Drive types

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