



Wheel brush knotted RBG dia. 178x13x22.2 mm stainless steel wire dia. 0.35 mm angle grinders

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steel wire dia. 0.35 mm angle grinders**

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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.

Aggressive brush. Suitable for heavy-duty brushing in metalwork such as descaling, derusting, deburring, cleaning of weld seams and removal of adhesive residues and spatter.

Technical information

Dia. external	178 mm
Dia. filament material	0.35 mm
Dia. hole	22.2 mm
Dia. thread	-
Filament material	Stainless steel wire (INOX)
Length, filament	38 mm
Max. RPM	9000 RPM
Mounting system	Centre hole
Number, knots	30 pcs.
Packaging	POS packaging
RPM, optimum	3.600 - 8.500 RPM
Width	13 mm

Advantages

- ✓ Aggressive brushing effect due to the very stiff wire knots.
- ✓ 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 powerful angle grinders.

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

- ✓ Angle grinder
 - ✓ Drive spindle
 - ✓ Flexible shaft drive
 - ✓ Straight grinder
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