



cup brush with bridle knotted TBGR dia. 80mm M14 steel wire dia. 0.50mm angle grinders

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wire dia. 0.50mm angle grinders

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Aggressive brush with bridle. Excellent for heavy-duty brushing such as deburring, cleaning, derusting and descaling, as well as removing spatter on large areas.

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	80 mm
Dia. filament material	0.5 mm
Dia. thread	M14x2
Filament material	Steel wire (ST)
Length, filament	40 mm
Length, filament to ring	25 mm
Max. RPM	8500 RPM
Mounting system	Thread
Number, knots	22 pcs.
RPM, optimum	4.300 - 8.500 RPM

Advantages

- ✓ Aggressive brushing effect due to the very stiff wire knots.
- ✓ The bridle prevents the wires spreading out sideways.
- ✓ Particularly long tool life.
- ✓ The bridle enables the spreading out and flexibility of the brush filament to be controlled.
- ✓ 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.

Recommendations for use

- ✓ Please observe the recommended rotational speeds.
- ✓ For optimum results, use on powerful angle grinders.
- ✓ 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 achieve a large spreading diameter or access hard-to-reach areas.

Materials that can be worked

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

- ✓ Cleaning
- ✓ Deburring
- ✓ Derusting
- ✓ Descaling
- ✓ Paint stripping
- ✓ Removing oxide layers
- ✓ Root seam processing
- ✓ Work on fillet welds
- ✓ Work on weld seams

Drive types

- ✓ Angle grinder
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