



## **COMBICLICK ceramic oxide grain fibre disc dia. 125 mm CO-COOL36 for stainless steel**

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The COMBICLICK system consists of a specially developed backing pad and a rugged mounting system at the back of the tool. With the backing pad, COMBICLICK tools can be used on commercially available angle grinders. The unique geometry of the cooling slots ensures high air throughput, which in turn considerably reduces the thermal load on the abrasive material and the workpiece. Compared with conventional tools, the quick-mounting system, robust holder, secure tool-locking feature and integrated cooling system together achieve a workpiece temperature that is 30 % lower, a 25 % higher stock removal rate, a 30 % longer tool life, and better utilization of the abrasive material.

PFERD TOOLS fibre discs are manufactured in accordance with ISO 16057 in shape A1 version F under the designation "vulcanized fibre disc".

For aggressive grinding with maximum stock removal rate on hard materials which do not conduct heat well. Consistently high performance due to self-sharpening ceramic oxide grain. Active grinding additives in the coating substantially improve the stock removal rate, prevent clogging and result in cooler grinding.

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### **Technical information**

Abrasive	CO-COOL
Dia. external	125 mm
Grit size	36
Max. RPM	12200 RPM

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## Advantages

- ✓ The innovative quick-mounting system ensures convenient handling and cool grinding.
- ✓ High economic efficiency thanks to long tool life and very high stock removal rate.
- ✓ Consistent surface finish thanks to high-quality abrasives.
- ✓ Extremely quick and easy tool changes, which reduces process costs.
- ✓ Using COMBICLICK helps to avoid scratches caused by protruding clamping pieces, and exploits the abrasive material that is available.

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## Recommendations for use

- ✓ Use COMBICLICK fibre discs with the COMBICLICK backing pad on commercially available angle grinders.
- ✓ Use grinding oil that is suitable for the material in order to significantly increase the tool life and the abrasive performance of the tools.
- ✓ Particularly soft and flexible grinding performance with face-down grinding.

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## Ordering notes

- ✓ Please order COMBICLICK backing pads separately.

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## Safety notes

- ✓ The maximum permitted peripheral speed is 80 m/s.
  - ✓ For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
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## Materials that can be worked

- ✓ Annealed cast iron
- ✓ Bronze
- ✓ Cobalt-based alloys
- ✓ Grey/nodular cast iron (GG/GJL, GGG/GJS)
- ✓ Nickel-based alloys (e.g. Inconell and Hastelloy)
- ✓ Stainless steel (INOX)
- ✓ Titanium

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## Applications

- ✓ Deburring
- ✓ Leveling
- ✓ Step-by-step fine grinding
- ✓ Surface work
- ✓ Working on edges
- ✓ Work on weld seams

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## Drive types

- ✓ Angle grinder
- ✓ Cordless angle grinder
- ✓ Drive spindle



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