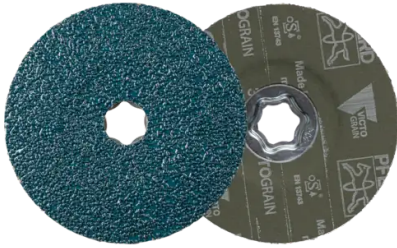


COMBICLICK fibre disc dia. 125 mm VICTOGRAIN 36 maximum performance on steel



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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 maximum aggressive grinding with an extremely long tool life and an outstanding stock removal rate on steel and hard materials. Outstanding, constant high performance thanks to the VICTOGRAIN abrasive grain.

The VICTOGRAIN abrasive triangles are fixed to the substrate on one of their sides. This means they are securely fixed in place and, together with their slim design, offer an extremely large chip space in order to further improve machining efficiency. The structure of the triangular VICTOGRAIN has also been specially adapted to maximize results. The very small crystals inside the triangles ensure optimal wear characteristics as sharp cutting edges are always exposed, but only the minimum amount of abrasive grain/the triangle breaks off. By combining all these properties together, users benefit from the ultimate, constant performance during cool grinding and an extremely long tool life together with consistent workpiece surface roughness.

Technical information

Abrasive	VICTOGRAIN
Dia. external	125 mm
Grit size	36
Max. RPM	12200 RPM

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.

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.
- ✓ Use powerful angle grinders.
- ✓ Particularly soft and flexible grinding performance with face-down grinding.

Ordering notes

- ✓ Please order COMBICLICK backing pads separately.

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

- ✓ Cast steel
- ✓ Hardened, heat-treated steels over 1.200 N/mm² (< 38 HRC)
- ✓ Hard non-ferrous metal
- ✓ Nickel-based alloys (e.g. Inconell and Hastelloy)
- ✓ Steel
- ✓ Steel, cast steel
- ✓ Steels up to 1,200 N/mm² (< 38 HRC)

Applications

- ✓ Deburring
- ✓ Leveling
- ✓ Surface work
- ✓ Working on edges
- ✓ Work on weld seams

Drive types

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



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