



Fibre disc dia. 125 mm VICTOGRAIN 36 for maximum performance on steel

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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
Dia. hole	22 mm
Grit size	36
Max. RPM	12200 RPM
PFERD TOOLS type	FS 125-22 VICTOGRAIN 36

Advantages

- ✔ High economic efficiency thanks to long tool life and very high stock removal rate.
- ✔ Consistent surface finish thanks to high-quality abrasives.
- ✔ Highly flexible, enabling optimal adjustment to the contour.
- ✔ Efficient machining process with fast work progress, long tool life, less heat build-up in the workpiece, and a lower power output required for the tool drive thanks to VICTOGRAIN abrasive grain.

Recommendations for use

- ✔ Use fibre disc in accordance with ISO 15636 with 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.

Ordering notes

- ✔ Please order backing pad 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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