



## Ceramic oxide grain fibre disc dia. 125 mm CO-COOL80 for cool grinding on stainless steel

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Item number: [64178125](#)

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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 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
Dia. hole	22 mm
Grit size	80
Max. RPM	12200 RPM
PFERD TOOLS type	FS 125-22 CO-COOL 80

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### 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.
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## 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.

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## Ordering notes

- ✔ Please order backing pad 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. Inconel 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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