



Bench grinding wheel dia. 200x25 mm centre hole dia. 51 mm SiC120 for hard materials e.g. tungsten carbide

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mm SiC120 for hard materials e.g. tungsten carbide**

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PFERD TOOLS bench grinding wheels have been adapted to the standard bench grinders on the market.

The CARBIDE type is used on hard materials, such as for sharpening tungsten carbide tools.

Technical information

Dia. external	200 mm
Dia. hole	51 mm
Grit size	120
Max. RPM	3350 RPM
Reductions	25, 20, 16
Width	25 mm

Advantages

- ✓ Long tool life.
 - ✓ High dimensional stability.
 - ✓ High abrasive performance.
 - ✓ Integrated adapter sleeves for mounting on almost any bench grinder spindle.
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Recommendations for use

- ✔ Dressing the disc on a regular basis exposes sharp grain and maintains an even grinding area.
- ✔ Constantly adjust the workpiece support to the grinding disc diameter (gap width max. 3 mm).

Safety notes

- ✔ The maximum permitted peripheral speed is 35 m/s.
- ✔ For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
- ✔ Before clamping, the grinding tool must be ring tested to make sure that it does not have any cracks (undamaged grinding tools give a clear tone).

Materials that can be worked

- ✔ Glass
- ✔ Hardened, heat-treated steels over 1.200 N/mm² (< 38 HRC)
- ✔ Steel materials with a hardness > 54 HRC
- ✔ Tungsten carbide

Applications

- ✔ Deburring
- ✔ Sharpening
- ✔ Working on edges (chamfering, rounding)

Drive types

- ✔ Bench grinder
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**PFERD
TOOLS**



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