Fine grinding and polishing tools

COMBICLICK

Safety notes

- The maximum permitted peripheral speed is 80 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Use backing pad!


Follow the safety instructions!


Not permitted for wet grinding!



Fibre discs

Safety notes

- The maximum permitted peripheral speed is 80 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Use backing pad!


Follow the safety instructions!


Not permitted for wet grinding!



Hook and loop discs

Safety notes

- The maximum permitted peripheral speed is 32 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
- Place the hook and loop discs centrally on the holder.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Use backing pad!


Follow the safety instructions!


Not permitted for wet grinding!



Fine grinding and polishing tools

Hook and loop abrasive discs

Safety notes

- The maximum permitted peripheral speed is 20 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!



COMBIDISC

Safety notes

- The maximum permitted peripheral speed is 50 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!



Flexible abrasives

Safety notes

- Follow the safety notes from FEPA (Federation of European Producers of Abrasives) “Safety notes for correct use of abrasive belts”. This information can be found in the download area on www.pferd.com.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!


Not permitted for wet grinding!



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Fine grinding and polishing tools

Abrasive spiral bands

Safety notes

- The maximum permitted peripheral speed is 30 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
- Do not allow abrasive spiral bands to protrude beyond the rubber drum holder.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!



POLIROLL, POLICO

Safety notes

- The maximum permitted peripheral speed is 11 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!


Not permitted for wet grinding!



POLICAP

Safety notes

- The maximum permitted peripheral speed is 25 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!



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Fine grinding and polishing tools

Mounted flap wheels F

Safety notes

- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
- The contact pressure must be significantly reduced if the specified optimum rotational speed is exceeded.
- Safety can only be guaranteed if the clamping length is at least 15 mm and the specified maximum rotational speed is not exceeded with unsupported shank lengths.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!



Unmounted flap wheels FR

Safety notes

- As a rule, unmounted flap wheels should be used with the appropriate clamping flanges.
- The maximum permitted peripheral speed is determined as follows:
  Unmounted flap wheels = 50 m/s
  Unmounted flap wheels for angle grinders = 80 m/s
  Flap drums = 32 m/s.
- The contact pressure must be significantly reduced if the specified optimum rotational speed is exceeded.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!



POLISTAR

Safety notes

- The maximum permitted peripheral speed is 20 m/s.
- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!

Fine grinding and polishing tools

POLISTAR TUBE

Safety notes

- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.

Wear eye protection!

Wear hearing protection!

Wear gloves!

Wear a dust mask!

Follow the safety instructions!

Sanding sticks

Safety notes

Wear eye protection!

Wear hearing protection!

Wear gloves!

Wear a dust mask!

Follow the safety instructions!



Non-woven tools

Safety notes

- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.
- Use **POLINOX unitized wheels PNER** at a recommended cutting speed of 15–35 m/s.
- Use **POLINOX convolute wheels PNK** at a recommended cutting speed of 20 m/s. The wound construction of the tool requires that the indicated running direction is strictly observed. Non-compliance with the running direction will lead to destruction of the tool and carries an increased risk of accidents.
- Use **POLINOX mounted/unmounted grinding wheels and cross buffs** at a recommended cutting speed of 10–20 m/s.
- Use **POLICLEAN tools** at a recommended cutting speed of 15–20 m/s.

Wear eye protection!

Wear hearing protection!

Wear gloves!

Wear a dust mask!

Follow the safety instructions!



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Fine grinding and polishing tools

POLIFLEX tools

Safety notes

The maximum rotational speeds for the various shank lengths and shank diameters are defined in DIN 69170 based on EN 12413. These must be adhered to in order to avoid buckling of the shank during use. Regardless of the length of the shank, the clamping length (L_3) of the shank must be at least 10 mm.
Each packaging unit of PFERD fine grinding points contains the rotational speed specifications for the unsupported shank length (L_0) of that grinding point. Proper concentric accuracy and correct clamping of the tool drive must also be ensured.
Tables with the maximum permitted rotational speeds for the entire range of Poliflex fine grinding points are available on request.
The maximum permitted rotational speed calculated according to EN 12413 is determined by the following factors:

- Shape and dimensions of the mounted point
- Diameter of the steel shank S_d
- Unsupported shank length L_0


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!



Polishing tools

Safety notes

- For safety reasons, the maximum permitted rotational speed indicated must never be exceeded.


Wear eye protection!


Wear hearing protection!


Wear gloves!


Wear a dust mask!


Follow the safety instructions!

