

# Mounted points and bench grinding wheels

## Safety notes

All PFERD TOOLS mounted points are approved for a maximum operating speed of 50 m/s. The maximum permitted 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 shank length, the clamping length ( $L_3$ ) of the shank must be at least 10 mm.

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 a dust mask!



Wear gloves!



Observe the safety notes!

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