

Recommendation on the use of protective gloves when working with revolving or rotating abrasive products

The VDS generally recommends wearing protective gloves during the use of abrasive products for the following reasons:



- Workpieces usually show an inhomogeneous surface structure: fibres, splinters, sharp and splintered edges (wood), burrs and cuts (metal). Both the handling during the feed and especially the holding during the grinding process without protective gloves pose a high risk of severe injuries. Especially when grinding with bare hands, a sufficient fixing of the workpiece cannot be ensured. Furthermore there is the risk of severe injuries caused by burrs, but also by heat.
- Grinding machines for hand-held workpieces have a high performance level. Strong forces are applied to the workpiece, partly also as impact force. This requires strong fixing, which cannot be provided without the protection by gloves. Otherwise there is the risk that the workpiece gets out of control and is accelerated.
- In case of accidental contact with the abrasive product, major injuries can occur.

We would like to point out that working at stationary machines with rotating grinding wheels, workpieces or other tools, entails the risk of drawing-in. This hazard exists especially in case of contact with the grinding tool directly above the workpiece support and an adequately wide gap between the support and the tool.

Each contact with revolving or rotating abrasives should generally be prevented.