

# Good. Safe. Yellow.

## Klingspor Safety instructions

## Safety instructions for cutting-off wheels and grinding discs

You have purchased a high-quality product. For your own safety these recommendations should be observed by all users, in the interest of their own safety.








Use only tools that comply with the highest safety standards. These tools comply with European standard EN 12413 on safety requirements for abrasives.

### IMPORTANT!

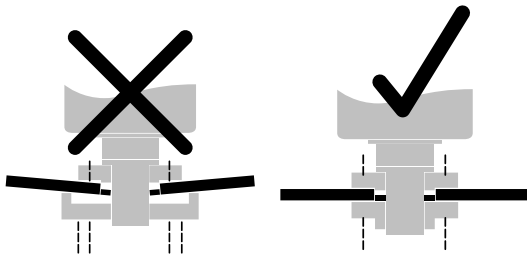
#### The handling of high-speed abrasive tools requires extreme care!

On the abrasive tool or on the package you will find different symbols that are intended to remind you of the most important dangers. Observe these for your own safety.

The symbols have the following meanings:

-  Observe safety recommendations and safety instructions of the **machine manufacturer**
-  Wear safety goggles or glasses to protect the eyes
-  Use ear protection
-  Wear a dust mask
-  Wear safety gloves
-  Do not use if damaged
-  Do not use for side grinding - the abrasive tool must not be subjected to lateral loads!

- ▶ Use abrasive tools only with such machines expressly specified by the manufacturer in his manual for use with cutting-off wheels and grinding discs, or with cup grinding wheels.
- ▶ Never use abrasive tools beyond the indicated expiration date!
- ▶ The expiration date, which shows the first month of a quarter and the year, can be found on the metal ring in the centre of the disc.
- ▶ Always store abrasive tools in a dry location at room temperature; use the oldest tools first.
- ▶ Prior to use, check the abrasive tool for possible damage.
- ▶ Important: Do not use damaged abrasives!
- ▶ Disconnect the machine from the power supply before changing the abrasive tool.
- ▶ Observe the max. RPMs specified on the abrasive tools. Your machine must never exceed the max. RPM of that shown on the wheel/disc!
- ▶ Always wear suitable protective clothing.
- ▶ Make sure that the abrasive tool is mounted correctly. Ensure the diameter of the disc bore hole matches the diameter of the mount on your machine.
- ▶ Both clamping flanges must be of equal diameters. Do not use wheel flanges of different diameters.
- ▶ Use only machines fitted with a safety guard and handle. The guard should be adjusted to offer the operator maximum protection.



- ▶ Never use cutting-off wheels for grinding, unless this is expressly allowed by a pictogram.
- ▶ When grinding with cup grinding wheels, a grinding machine with an adjustable safety guard must be used. To minimise the exposure, adjust the safety guard prior to use so that the outer surface is completely covered and the wear of the cup grinding wheel is compensated.
- ▶ Perform only abrasive tasks that are expressly suitable for cutting-off wheels and grinding discs. Observe all limitations of use, safety instructions or other information that are available to you.
- ▶ Never twist or turn a cutting-off wheel whilst in a cut.
- ▶ Ensure the work piece is securely clamped before attempting a cut.
- ▶ Ensure the waste material falls away from the cut, its imperative the waste will not clamp the wheel.
- ▶ Avoid striking the surface of the workpiece with the abrasive tool.
- ▶ Do not set down the machine until it has completely stopped.
- ▶ Never start or stop the abrasive tool whilst in contact with the workpiece
- ▶ Work in a stable secure position allowing you to take full control of the machine whilst working.
- ▶ Avoid excessive tool pressure.
- ▶ During all abrasive applications, always provide sufficient ventilation and protective measures corresponding to the material being processed.
- ▶ All dry abrasive operations should be carried out in a location with suitable dust extraction systems.
- ▶ Never make any modifications to the products.
- ▶ Disconnect the machine from the power supply before changing the abrasive tool.
- ▶ If you need further information or have any questions, please contact your dealer.

