

# OPERATING INSTRUCTIONS FOR DIAMOND WHEELS. PLEASE KEEP FOR FUTURE REFERENCE!

Dear customer,

You have decided on a high-quality product made by KEDAS.

KEDAS diamond cutting wheels have been developed by experienced specialists and are designed to fulfil the individual requirements. Because only the use of top quality raw materials and perfect workmanship guarantees the best cutting performance.

## ATTENTION!

**In order to guaranty safe handling and top quality results, the following safety and work protection regulations must absolutely be observed!**

- **Never work without protective glasses!**
  - **Never use a diamond cutting wheel on an angle grinder without a protective guard!**
  - **Never cut curves!**
1. Make sure the diamond cutting wheel is suitable for the material to be cut.
  2. Check and clean the special fixing nuts (flanges) on the angle grinder.
  3. The spindle diameter of the angle grinder and the bore of the cutting wheel must be identical.
  4. The arrow for the running direction on the cutting wheel must be the same as the direction of rotation on the machine. The direction of rotation is marked with an arrow on the angle grinder.
  5. Firmly lay on or clamp on the material to be cut.
  6. Never bend the cutting wheel out of line during the cutting process. Avoid hard contacts and knocks. Do not use pressure; the weight of the machine is adequate.
  7. Do not move backward and forward in the material. Cut slowly and evenly.
  8. Remove the diamond wheel from the cut every 60-80 seconds for 10 seconds and allow it to cool down while the machine is running!
  9. KEDAS diamond wheels can be used for dry and wet cutting. The downtime and the cutting result can be improved by wet cutting. Please absolutely observe the corresponding instructions of the manufacturer and on the cutting discs! For wet cutting a constant adequate water supply is necessary.
  10. The cutting result can be improved by mounting a guider and using a vacuum cleaning system.
  11. The following max. cutting depths are to be kept to:

110 mm diameter	approx. 1,5 cm	180 mm diameter	approx. 3,0 cm
115 mm diameter	approx. 2,0 cm	200 mm diameter	approx. 3,5 cm
125 mm diameter	approx. 2,5 cm	230 mm diameter	approx. 4,0 cm
150 mm diameter	approx. 3,0 cm		
  12. The guarantee claims are invalid in case of misuse and non observation of the instructions for the use. The operator is solely responsible for the selection and the correct use of the diamond disc.

**KEDAS diamond cutting blades are self-sharpening. However, by frequent cutting in hard, low friction material the wheels become blunt. Re-sharpening in chalky sandstone or asphalt is therefore recommended.**



**KEDAS**<sup>®</sup> Professional  
Technology  
Development

**THE EXPERTS  
FOR HIGH QUALITY  
CUTTING AND  
GRINDING DISCS**

