

Safety Information for Tools

Please read prior to installation and operation

The tools conform to standard DIN-EN 847-1/2.

Tools should be stored in their original packing or in other appropriate packing. Tools should be stored in dry conditions and away from aggressive substances. There is always the danger of injury due to the sharpness of the tools.

Tools must only be used as designated.

Cutting in feed direction is only permissible for mechanical feed.

The direction of rotation must be observed.

The maximum allowed operating speed must not be exceeded. The machine manufacturer regulations must be adhered to. If in any doubt please contact AKE Knebel GmbH & Co. KG and/or the machine manufacturer.

Check tools carefully for any signs of damage or defects prior to installation.

Do not install the tool if there are any recognisable defects or damages, if already installed, stop operation immediately, remove tool and mark the tool clearly so that it cannot be installed prior to being checked by a competent person.

Tools showing cracks or similar damages must not be welded or repaired in any form.

Only trained persons with the necessary safety training are allowed to install tools and commence operation of the machine.

Adhere to the operation manual of both the tools and the machine.

Ensure the machine cannot be started.

Tools should only be installed using the clamping mechanism as provided by the machine manufacturer, recommended starting torque should be observed, no other form of installation or tightening is allowed.

The European standard. DIN-EN 1870-1, chapter 3.2.3. is applicable for allocating the appropriate clamping flange diameter to the sawblade diameter. Gloves must be worn, as should close-fitting clothes and ear protection when necessary.

Once the tool has been installed, please ensure that all safety protection devices and the splitting wedge are mounted correctly.

A test run by a trained person must be carried out.

Do not reach anywhere near the rotating tool. No uninvolved persons should be near this area..

Do not undertake any adjustments near the rotating tool. Make sure there is no imbalance. The cutting edge of the tool must not come into contact with any other cutting tools, fixing elements or any other parts of the machine

Bore hole reduction rings must be firmly fixed to the tool and must not project over the tool body. Reducing rings must be the correct size to ensure that the tool is fixed correctly.

Never leave the operating machine unattended.

All measures to prevent kick back must be taken, all corresponding devices must be applied.

The working material must be checked for any foreign matter.

The tool must be re-sharpened in due time. Indications for blunt tools are: extreme wear and tear on the cutting edges, broken edges, poor cutting quality and higher energy consumption by the machine.

Sawblades with cutting teeth of less than 1 mm must not be used.

Tools must only be re-sharpened by competent personnel and must only be repaired using original parts.

Competent persons are those with corresponding training and experience who have knowledge of the design, designation and safety requirements of the tool.

Tools must only be repaired in compliance with the manufacturers stipulations.

The following must be observed: the tool design must not be altered, all safety regulations must be adhered to, the applicable tensioning tolerances must be observed.