

Carbide tipped circular saw blade.

The cutting teeth are firmly bonded to the main saw blade by e.g. brazing, welding or adhesion.

### Ordering Information:

WK-xxx-x	Part Number
xxxxxx	Order Number
D = xxx	Diameter
d = xxx	Diameter of Centre Bore
z = xxx	Number of Teeth



You have purchased a top quality tool, when using and handling it; you must follow the respective safety regulations as well as the safety instructions written in this manual.

The most important safety instructions are given below. Read these carefully before you use this tool.

**Use of the Saw Blade:**

Circular Saw Blades are used to cut open, cut to length and make grooves in wood and other similar materials like plastic, non-ferrous metal alloys and composite materials.

Circular Saw Blades are operated with mechanical or manual feed in compliance with the relevant Safety Regulations.

**Cutting:**

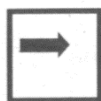
The maximum speed (rpm) shown on the Saw Blade must **NOT** be exceeded.

**Operation:**

Cutting against the Workpieces direction of movement to the Saw Blade.

Cutting with the Workpieces direction of movement to the Saw Blade.

– only when Mechanical Feed is used.

**Use on:**

Wood Processing Machines with the following types of Feed:

- Manual Feed
- Mechanical Feed

**Unpacking/Packing:**

Be extremely careful, when unpacking, packing or handling the Tool (e.g. fitting it to the machine)! The sharp teeth can cause injury!

**Transport:**

The Tool must be properly packed for transport! Risk of injury!

**Operation:**

Do **NOT** exceed the maximum permissible speed (rpm)!

Carefully clean the Saw Blade in the area, where the Saw Blade Flange sits.

The Flange diameters for the individual Saw Blade Diameters are governed by specification DIN 5134.

**Tool (Saw Blade):**

Check the Saw Blade's Teeth.

Check the Machine Settings.

Check the direction of Rotation.

**Machine:**

Ensure that the Machine can't be started, when changing the Tool (Saw Blade).

**Starting Up:**

The Tool (Saw Blade) must be fitted as specified by the Machine manufacturer's instructions.

The Machine manufacturer's instructions must be complied with.

**Safety Regulations****Instructions for the Use of the Tool:**

The regulations in force must be complied with (in Germany these are primarily those of the employer's insurance scheme (Holz Berufsgenossenschaft)).



Misuse of the machine is forbidden! Follow all safety instructions and warnings that are written in the Handbook for Machinery (Saws). If you do not possess such instruction manuals, then ask the manufacturer of the machine for them.

Should the national safety regulations require that safety glasses, ear protectors and or face masks should be worn, then do this for your own protection.

Do not leave a machine running unattended!

Clean the saw blade that is being used, regularly. Clean saw blades cut longer and are therefore more economical.

Maintenance and Repair of tools may only be performed by Pressta Eisele's production or service departments.

**ATTENTION:**

Do not use a saw blade, which has any flaws or fissures in its main body.

It is not allowed for safety reasons, to repair the main body by welding or brazing. Compound saw blades, where the height or thickness of the brazed on cutting

**Grinding / Care and Maintenance**

The tools must be regularly ground and cleaned, in order to maintain their quality and also for work safety. This work must be carried out by qualified personnel.



The cutters / inserts must be reground, when:



- The area of abrasion is greater than 0.2 mm. (0.008").
- B Pay attention to the main areas of wear!



- Nicks can be seen on the cutting edge.



- The surface quality of the cut no longer satisfies the requirements.
- The current drawn by the machine has significantly increased.



- Resin and dust etc. makes the tools dirty.

These have a negative influence on the cutting power (pick up on the cutting edge).