

## Circular saw blade safety instructions

### General

- To comply with the Supply of Machinery (Safety) Regulations 2008, these instructions must be read and complied with before installing or changing a circular saw blade.
- The safety regulations of the machine manufacturer are legally binding. Failure to observe & comply with these safety instructions may result in injury. Use of circular saw blades with a machine that does not meet the current valid Machinery regulations is not permitted.
- Select a circular saw blade compatible with your machine and the material to be sawn. Note all information printed on the circular blade [graphical & numeral] and detailed on the packaging for this purpose.
- The circular saw blade used must not be damaged. Observe the correct direction of rotation, maximum RPM and machine settings.

### Safe working

Maximum speed - the maximum speed RPM (revolutions per minute) must not be exceeded. If a speed range is specified it must not be exceeded. It MUST be observed.

### Circular saw blades

Circular saw blades with any visible cracks or signs of burning, damage to any of the teeth such as chips or missing TCT tips must not be used. Repair is not possible to a saw blade. Any excessive vibration or burning during cutting must be investigated.

### Cleaning

Circular saws must be regularly inspected and cleaned to ensure satisfactory and safe use. Build-up of saw dust & resin from around the blade housing and motor ventilation slots must be brushed out or blown out with the saw disconnected from the electricity supply before doing so. The condition of the riving knife (if fitted) is essential to the safe use of the saw.

### Inspection

Always check the condition of the 13A plug, mains cable and body & on/off switch of the circular saw for damage such as cracks, exposed wiring, bent pins on plug and do not use until the saw has been serviced/ repaired by a competent person. Any circular saw with intermittent running of the motor or switch should be immediately disconnected from the mains and not used.

### Installation and fastening of circular saw blades

- Before removing or replacing the circular saw blade, always remove the mains plug or disconnect the battery in the case of cordless circular saws to prevent the saw from starting inadvertently. The circular saw blade must be installed and secured in accordance with the machine manufacturer's instructions.
- The circular saw blade must be clamped in such a way that it cannot come loose during operation and that the
- During installation of the circular saw blade, it is essential that the blade is clamped correctly on its clamping surfaces and that the cutting teeth do not come into contact with the body of the machine, blade guard or riving knife.
- It is critical the correct diameter of blade is fitted in accordance with the machine manufacturer's specification.
- If the securing bolt or clamp washer is mislaid, the correct type specified by the machine manufacturer must be fitted. The securing bolt or nut must be tightened using the correct tools and to the torque specified by the manufacturer. The use of spanner extensions or striking tools for tightening is not permitted.
- The clamping surfaces must be free from resin/ sap, dirt, grease, oil, or water.

#### Caution

- Only permanent bore rings that have been pressed in or bonded in by the blade manufacturer may be used to adjust the bore diameter of the circular saw blade to the spindle diameter of the machine. The use of loose bore rings is not permitted and invalidates the Amtech warranty for the circular saw or the saw blade.
- Repair, regrinding or technical modifications to the circular saw blade

Any form of repair, regrinding or technical modifications to the circular saw blade are expressly forbidden and will invalidate the Amtech warranty.