



The safety instructions for the Power Tool or Woodworking Machine used are to be strictly observed.

- Tools shall be used only by persons of training and experience who have knowledge of how to use and handle tools
- Choose a suitable circular saw blade for the material to be worked
- Check that the blade is the correct size (diameter, width and bore) for the machine
- Store in such a way to prevent damage to the blade teeth
- Retain these instructions for future reference

Before Use: Check the saw blade teeth, direction of rotation and machine settings. Use only flawless blades – tools with visible cracks shall not be used.

Safe Working

Saw blades are sharp, gloves should be worn when handling

Maximum Speed: The maximum rotational speed marked on the tool shall not be exceeded. Where stated, the speed range shall be adhered to.

Carbide Tipped Circular Saw Blades: Use only flawless circular saw blades, with no missing or damaged teeth. Carbide circular saw blades, whose saw teeth dimensions are reduced to less than 1mm must not be used (Figure A)

Steel Circular Saw Blades: Circular saw blades, the bodies of which are cracked, shall be scrapped (repairing is not permitted)

Fastening of Tools and Tool Parts

ALWAYS unplug the machine and remove any batteries before attempting to fit a new blade.

- Tools and tool bodies shall be clamped in such a way that they do not loosen during operation
- Care shall be taken of mounting tools to ensure that the clamping is by the hub respectively by the clamping surface of the tools and that the cutting edges are not in contact with each other or with the clamping elements

- Fastening Screws and nuts shall be tightened using the appropriate spanners etc. and to the torque value provided by the manufacturer
- Extension of the spanner or tightening using hammer blows shall not be permitted
- Clamping surfaces shall be cleaned to remove dirt, grease, oil and water
- Clamping screws shall be tightened according to instructions provided by the manufacturer. Where instructions are not provided clamping screws shall be tightened in sequence from the centre outwards
- Use of LOOSE rings or sleeves to "make up" bore sizes on circular saw blades shall not be permitted. Use of fixed rings, e.g. pressed or held by adhesive fixing, in circular saw blades or flanged sleeves for other tools shall be permitted to the manufacturers specifications.

Repair and Regrinding of Tools

Repair and regrinding of tools shall only be allowed according to the tool manufacturer's instructions.

After repair and regrinding of tools it shall be ensured that the tools are correctly balanced.

- The design of composite (tipped) tools shall not be changed in the process of repair
- Composite (ie. Carbide Tipped) tools shall be repaired by a competent person, ie. a person of training and experience, who has knowledge of the design requirements and understands the level of safety to be achieved
- Repair shall therefore include, e.g. use of spare parts which are in accordance with the specification of the original parts suppliers by the manufacturer
- Tolerances that ensure correct clamping shall be maintained
- For one piece tools care shall be taken that regrinding of the cutting edge will not cause weakening of the hub and the connection of the cutting edge to the hub

Safety Instructions



Version 2.0

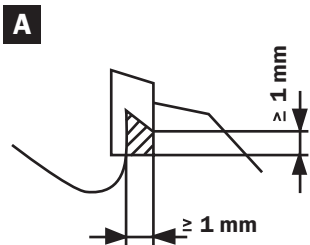
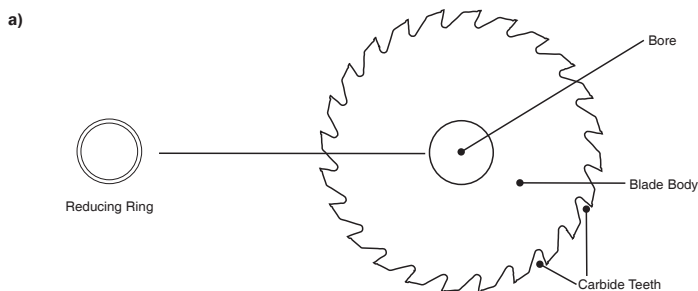


Figure A: Diagram showing the minimum dimensions of Carbide blade teeth for safe

Use of reducing rings

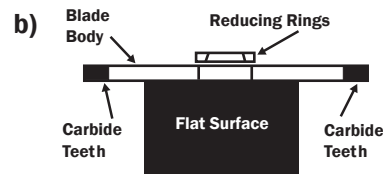
(only if enclosed and if required for correct bore / spindle size). Don't use reducing rings on any other blade than the one contained in the packaging.

- 1) Unplug the machine and remove the old blade as per the manufacturer's instructions.



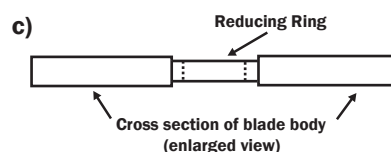
- 2) Check the machine manufacturer's specifications for the correct bore / spindle size. Select the correct reducing ring, and test it on the spindle to ensure that it fits correctly.

- 3) Lay the saw blade on a flat surface (as in diagram b). There should be no contact between the flat surface and the carbide teeth.



- 4) Position the reducing ring over the bore.

- 5) Using a small hammer gently tap the reducing ring around the outer edge until it is flush with the blade body, ensuring it is flat and does not protrude from either side of the blade as in diagram (c)



- 6) Ensure that the tool flange is securely clamped to the blade body and NOT to the reducing rings. If the flange clamps to the reducing rings only, the blade is not secure and should not be used with this tool.