



### **Guidelines for safe use of Carbide Tipped Router Bits**

- Always follow the safety instructions from the Power Tool Manufacturer.
- Un-plug electrical cord when making any adjustment to Power Tool.
- Wear eye protection and dust mask or fit dust collection equipment.
- Fully insert bit into collet and pull back slightly, to maximum of the shank diameter.
  - For 1/4" shank leave up to 1/4" from collet top to the bit's body.
  - For 1/2" shank leave up to 1/2" from collet top to the bit's body.
- Make sure bit is straight and firmly tightened in the collet.
- For maximum stability use a proper sub-base.
- Always visually test the bit's free run by turning power on to the bit's maximum allowed RPM and detect any vibrations or irregular noise prior to routing.
- Allow router to reach the full-recommended RPM speed before starting to cut.
- Pay attention to motor sound. Excessive drop in tone indicated motor overload.
- Several shallow cuts will give better finish than one deep pass.
- Whenever possible, use the correct size collet. Avoid reducing sleeves and never use few sleeves together.
- Sharp cutting tool will result in faster and satisfactory operation and will save your motor from overloading.
- Regular application of Cutting Lubricant reduces cutting friction, heat, resin build-up, and prolongs tool life.
- Above all: Stay alert and use common sense. When in doubt—ask!

**Thank you for thinking DIMAR.**