

Always inspect the tool before each use

## BLADES TIPS

- Make certain the blade is suitable for the material before cutting
- Guide the blade straight into the material. Do not tilt or subject it to lateral stress or pressure
- Do not use unnecessary pressure; the weight of the machine is sufficient
- Carry out a slight pendulum movement (forwards, backwards)

- Use on rotary only: no hammer action
- Ideally, use a dedicated dry diamond core machine with variable speed control and a slipping clutch
- For harder materials and larger diameter cores use a slower RPM: for softer materials & smaller diameter cores use a faster RPM
- Clear debris from the hole at regular intervals to prevent the core from binding in the hole
- Pilot drill the wall first with a 13mm masonry drill and use a guide rod to follow the pilot hole
- Do not force the core; let it do the work

**DRY  
CORE  
TIPS**

- Use suitable wet drilling diamond drill motors and rig stands
- Ensure the rig stand is level and secure with zero movement
- Use sufficient supply of water to keep the segments cool
- When the core hits re-bar; relax the pressure and allow the core to drill at its own rate

**WET  
CORE  
TIPS**

## Re-Sharpener a Tip

If the cutting speed of a diamond product reduces you can re-sharpen it by making several passes into a highly abrasive material; such as a 3-Newton concrete block or soft sandstone