

Portable Drill

- A portable drill is used for drilling holes.
 - The advantage to a portable drill is that it is portable. It can be used in many places in which you would not be able to use a drill press.
 - Select proper twist drill for material to be drilled and make sure it is properly sharpened.
 - Tighten chuck in all 3 tightening locations.
 - Secure material to be drilled. Keep your hands on the drill.
 - Smaller twist drills should be ran faster and larger slower.
 - Drill with even, steady pressure and let the drill do the work.
 - When drilling deep holes, withdraw the drill several times to clear the cuttings or chips.
 - Hold drill at the correct angle.
 - When the twist drill starts to break through the material, ease off the pressure to prevent splintering. You can also use a scrap block on the back side to prevent splintering.
 - Twist drills are made and sharpened to operate in a right hand direction.
 - Drill a pilot hole first when drilling large holes.
 - Never carry a drill by its cord.
 - Disconnect drill from power before changing twist drills. Remember to tighten in 3 locations and remove chuck key when done.
 - Make sure switch is off before connecting to power source.
 - Note position of cord to avoid drilling into it or getting it wrapped around the twist drill.
-
- Larger twist drills should be ran _____ and smaller twist drills _____.
 - Make sure the twist drill is properly _____.
 - When installing a twist drill, make sure to tighten the gear type chuck in all _____ locations.
 - Twist drills are made to operate in a _____ hand direction.
 - When installing a twist drill, first _____ drill from power source.