

## Drill Press

- The drill press is used for drilling holes. It is used instead of a portable drill because you are able to drill holes more accurately and with more control.
- Determine the drill size. 1)Read the bit 2)Use a drill gauge
- Make sure drill is sharp.
- Clamp material securely before drilling.
- Drill at a constant rate.
- Place scrap block under your work to prevent damage to the table.
- Mark the center of the hole to be drilled with a “X”.
- Use proper drill speed. Use 1250 RPM for most wood drilling up to 3/4” diameter. Run larger bits slower. Run expansive bit at 600 RPM or less.
- Place the long end of the material to the left of the operator so it will hit the post and not the operator should the material slip and start to rotate.
- Make sure the chuck and drill match.
- Tighten the chuck in all 3 locations. Remember to remove the key from the chuck.
- Never wear gloves while operating the drill press. They could get caught.
- Remove chips from the machine with a brush.
- Never reach around the machine.
- Do not drill into a container that may have contained flammable materials.
- Slow drill feed when the drill is breaking through the material to finish hole.
- Use extra caution when drilling thin stock.
- If your material gets caught on the twist drill, shut off drill press and allow it to stop before removing material.