



TAP LAB SAFETY LEVEL:

MODERATE RISK

Read the safety card
Receive induction from a trainer

Cordless Drill

KEY RISKS:



Sharp objects



Injury



Breakage

PURPOSE:

A drill is a power tool that can be fitted with a drill bit for drilling or a screwdriver bit for fastening.

SAFETY:

- It is recommended to put on safety goggles and ear protection.
- Tie back hair, remove loose clothing and dangling jewellery that can get caught in the drill.
- When drilling ensure you use a piece of scrap wood underneath to protect the desks at TAP lab.
- To change out bits, loosen and tighten the chuck by hand. You'll want your bits to be really snug, so make sure you tighten the chuck so it fully grabs the bit with its teeth. Pull the trigger and look for wobble, if it isn't seated correctly this is immediately noticeable.
- Keep fingers away from the rotating drill bit. Make sure the piece you are drilling into is secure (use clamps if necessary) and there is nothing behind it that will get damaged.
- You can change the direction of the rotation by flipping the forward/reverse switch on the side of the drill.
- You can change the torque of the drill using the numbers on the clutch. 1 being the lowest. Start on a low setting and go up as needed.
- Past the highest number on the clutch setting will be an icon of a drill bit. Place the arrow on the drill icon when you want to drill. Note of caution: Do not use this setting when driving screws or fasteners. The drill will not clutch, which means the motor will not disengage but it will stall if overloaded, causing a sudden twist. This can cause a serious wrist or hand injury.

