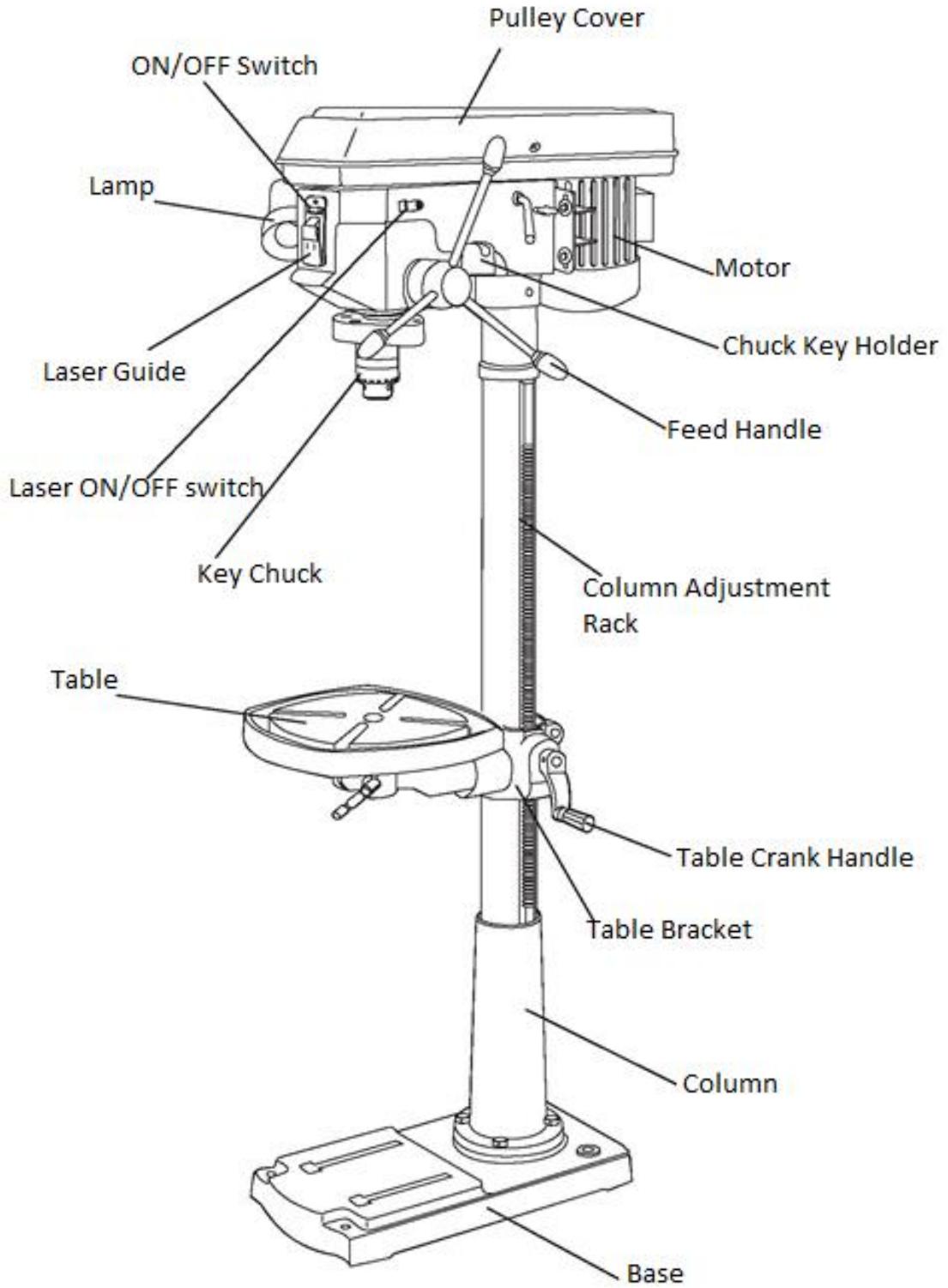


# KNOW YOUR DRILL PRESS



## **Drill Press Safety Instructions**

1. Secure all work with a vise, C-clamp, or V-block whenever possible. Be certain that table and drill presshead are secure.
2. Always wear safety glasses upon entering the lab situations.
3. Remove watches, rings, or neckties before operating the drill press. Roll up long sleeves, remove jackets before operating the drill press.
4. Do not wear any type of glove while operating the drill press.
5. Stand balanced and do not lean too close to the drill press or you may catch your clothes or hair in the rotating parts.
6. Be sure that the taper drill shank or the chuck arbor is firmly seating in the drill spindle. A falling drill or chuck may cause injury.
7. Never leave a chuck key in the chuck socket. If the power is turned on, the key will be thrown out and may injure someone.
8. Operate feed handle to see that drill cuts evenly into the work. Be sure the drill does not pass through stock into the vise or table.
9. Select the proper drill and make certain that it is sharp. Preset depth of cut adjustments before turning on the power.
10. Adjust the drill press to the correct speed. A drill turning too fast may break and flying pieces may strike you. For safer drilling, use slower speeds for larger holes and faster speeds for smaller holes.
11. Always clamp work securely. Never try to hold work in your hands while drilling. The drill may catch, jerking the work out of your hands and you may be stuck by the flying piece.
12. Never try to STOP a revolving piece of work that is caught in the drill by grabbing it. Remain calm and shut off the machine.
13. Ease the pressure on the feed as the drill breaks through the under-side of the work being drilled. This will keep the drill from breaking or the work from being

jerked out of the vise. When the hole is drilled, back out of the cut and stop the machine.

14. Check the machine over carefully to determine its condition using it. Someone could have left it broken or out of adjustment.

15. Always use a brush to remove chips or shavings and keep the floor area around the drill press clean. Never try to remove loose metal shavings with your hand.

16. Never touch the rotating chuck or drill as this may cause a serious injury.

17. When finished with the drill press, return it to a clean and normal setup by removing bits, shavings and fixtures.