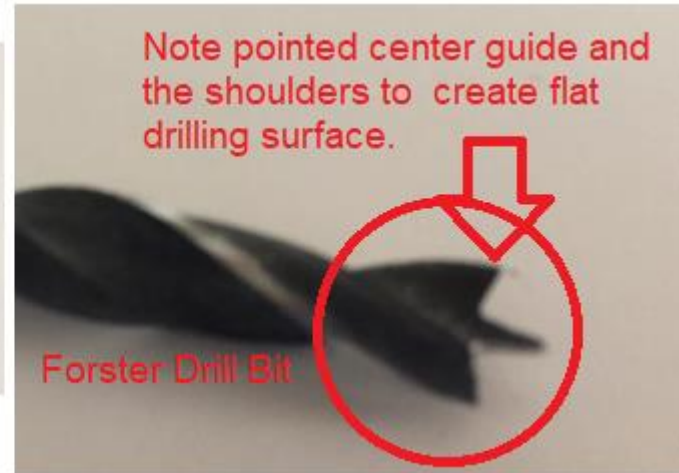


DRILL PRESS

Drill Presses are for making holes. The advantage to using the drill press is that the hole will be perpendicular to the surface you are drilling. Also the depth of the hole can be set by using the stop gauge.

PROPER USE

1. The larger the hole (the more material being removed), the slower the drill speed should be.
2. One of the drills (#70) is designated and set for Forstner and other large bits.



3. After you've inserted the bit and tightened the chuck, spin it around, by hand, to make sure the bit is seated properly in the chuck.
4. Use a backup board to prevent blowout of holes and protect the metal base of the stand.
5. For holes that don't go all the way through the material, use the stop gauge on the side of the drill.
6. When drilling holes larger than $\frac{1}{2}$ " or in small pieces of wood, the wood should be fastened down. (If you're using a vise, make sure it is anchored, because the drill can catch and spin it)
7. If you need to drill large holes it will probably be faster to start with a small hole and gradually increase the bit size. Note that you should clamp the your work or use a jig, fastened, to the table. This will insure the larger drill follows the center line of the previous drill bit.
8. If you change the speed of the drill or tilt the table, return them to their original settings/positions when you are finished.
9. Make sure you remove the chuck key from the chuck before starting the drill and return it to its holder.