

What Drill Bit Should You Choose?

TWIST	TAPERED	BRAD	FORSTNER	SAW TOOTH	SPADE	AUGER	HOLE SAW	HOLLOW MORTISE	MASONRY
MAIN USE	MAIN USE	MAIN USE	MAIN USE	MAIN USE	MAIN USE	MAIN USE	MAIN USE	MAIN USE	MAIN USE
General purpose when hole quality is not critical.	Maximum screw holding ability.	Everyday wood bit for clean, accurate holes.	When hole quality and accuracy is critical – up to 1" diameter.	When hole quality and accuracy is critical – over 1" diameter.	Quick holes in soft and hardwood.	Deep holes in softwood, dimensional lumber.	Largest size holes in wood, metal, plastic.	Drill and square holes at the same time.	Brick, stone, concrete.
Usable on all woods, metal, plastic. 1/64" to 1" in 1/64" increments. Various coatings extend cutting life.	Bits match screw profile. Sized for #6, #8, #10, #12 and #14 screws. Generally used with matching countersinks.	Pointed tip prevents skating on wood surface. Side spurs cut fairly clean holes. 5/64" to 1".	Precise, clean-edged, flat-bottomed holes. Various rim configurations. 1/4" to 1".	Precise, clean-edged, flat-bottomed holes. Generally used in drill press. 1/4" to 1-1/2"	Quick cutting. Tips can be pointed or threaded. Blades can be flat or curved. 1/4" to 1-1/2".	Threaded tip draws bit through wood. Aggressive cutting. 1/4" to 1-1/2" up to 45" long.	Used with a mandrel. 1-1/4" to 6".	Consists of bit and chisel. Used on mortising machines or mortise adapter for drill press. 1/4" to 1".	Carbide tips extend bit life. Use with impact and hammer drills. 1/4" to 1".

FEATURES

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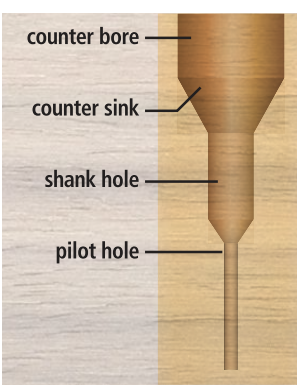
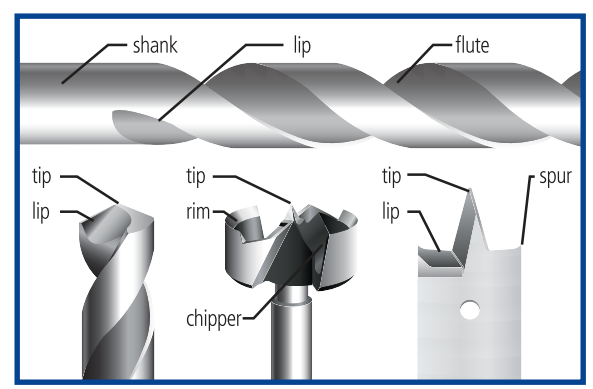
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Tips:

- When available, choose High Speed Steel over High Carbon Steel bits.
- Start holes with an awl to prevent bit wandering.
- Generally, as bit size increases, decrease drilling speed.



Countersinks/Counterbores:

Countersinks cut cone shaped holes to accommodate screw heads. Counterbores cut flat bottom holes so screws can be set below the surface and plugged with a dowel.

Centering Bits:

These guides make it easier to center bits in hinges. Available with bits for #3 to #10 screw sizes.

Tips:

- Prevent overheating by backing-out bit frequently to remove debris from the hole.
- Store bits apart or in bit organizers to prevent edge and tip dulling.
- Most bits can be economically re-sharpened.