

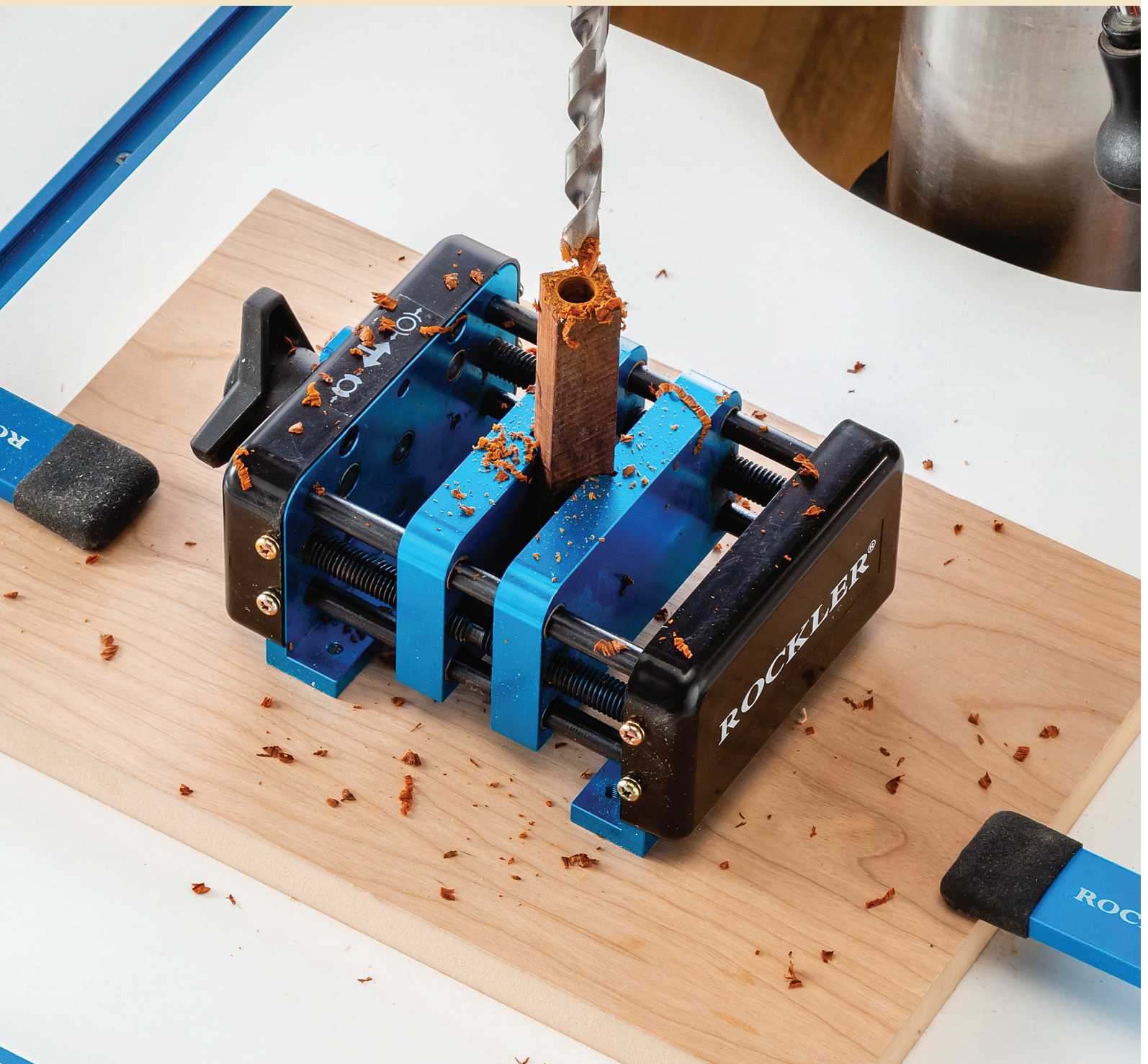


ROCKLER®
WOODWORKING AND HARDWARE

Create with Confidence™

Portable Drill Vise Instructions

Effective February 2020



Review full instructions prior to use for important safety information.
Always check [Rockler.com](https://www.rockler.com) to confirm that you are using the most recent version of instructions for your product.

GENERAL SAFETY WARNINGS

This product is designed only for specific applications as defined in the instructions and should not be modified or used for any manner not described in these instructions. Use only recommended accessories. Before using the Portable Drill Vise: **READ, UNDERSTAND** and **FOLLOW ALL INSTRUCTIONS AND SAFETY WARNINGS. KEEP THESE INSTRUCTIONS READILY AVAILABLE FOR FUTURE REFERENCE.**

- > Always confirm that you are using the most recent version of the Instructions and safety warnings for your product (see the Instructions link on the product page at Rockler.com).
- > Before using another tool with this product, always read, understand and follow the instructions and safety warnings in the owner's manual for that tool. If you do not have the owner's manual, obtain one from the tool's manufacturer before using it with this product.
- > Before using any chemical with this product, always read, understand and follow all safety warnings and guidelines in the manufacturer's Safety Data Sheet (SDS; formerly called "MSDS"), especially regarding:
 - How to safely use the chemical, including potential hazards and recommended first aid measures;
 - Personal safety equipment required to safely use the chemical (e.g. gloves, eye protection, mask/respirator, etc.);
 - Proper and safe handling, storage and disposal of the chemical.
- > Before using this product, review and verify that all tools to be used with it have safety equipment installed and are in proper working order as defined by the tool's owner's manual.
- > Do not use this product until you have read and are confident you understand:
 - Product Specific Safety Warnings (p. 3);
 - Mounting Options (p. 3);
 - Using with Portable Drill Guide (pp. 3-4);
 - Using with a Plywood or Other Base (p. 4).
- > The user assumes all risk and responsibility for the proper and safe use of this product and for ensuring product suitability for the intended application.
- > It is the sole responsibility of the purchaser of this product to ensure that any anyone you allow to use this product reads and complies with all instructions and safety precautions outlined in this manual prior to use.
- > Follow all standard shop safety practices, including:
 - Keep children and bystanders away from the tool operating area;
 - Do **NOT** use power tools in explosive environments, or in the presence of flammable liquids, fumes or dust;
 - **TURN OFF AND UNPLUG** all power tools **BEFORE** making any adjustments or changing accessories;
 - Remain alert and use good judgment. Do not use this product if you are in any way impaired by medications, alcohol, drugs or fatigue;
 - Keep your work area well lit and clean;
 - Dress appropriately. Secure loose clothing, remove all jewelry and tie up long hair before using this product;
 - **ALWAYS** wear safety glasses, hearing protection and respiratory protection that complies with NIOSH/OSHA/ANSI safety standards;
 - Use dust collection tools and dust face masks to reduce exposure to dust;
 - Use safety equipment such as featherboards, push sticks and push blocks, etc., when appropriate;
 - Maintain proper footing at all times and do not overreach;
 - Do **NOT** force woodworking tools.
- > These warnings and instructions do **NOT** represent the total of all information available regarding tool safety, use and technique. Always seek out opportunities to learn more and improve your skills and knowledge.

⚠ WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

⚠ DANGER

Danger indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING

Warning indicates a hazardous situation that, if not avoided, could result in death or serious injury.

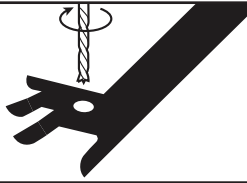
⚠ CAUTION

Caution indicates a hazardous situation that, if not avoided, may result in minor or moderate injury or property damage.

NOTICE

Notice indicates important or helpful information and/or user tips.

PRODUCT SPECIFIC SAFETY WARNINGS



⚠ DANGER

- > To avoid serious injury, keep hands and fingers away from the drilling area. Maintain awareness of the bit's entry and exit areas at all times.

⚠ WARNING

- > **TURN OFF AND DISCONNECT POWER** to all tools **BEFORE** making any adjustments or changing accessories.
- > Always wear safety glasses that comply with OSHA/ANSI safety standards.
- > Always make sure the knob on the Portable Drill Vise is tightened and the workpiece is secure before drilling.
- > Always make sure that the Portable Drill Vise is completely stable and will not shift or slip during drilling. Always make sure the base of the Portable Drill Guide is flat to the surface being drilled.
- > Do **NOT** attempt to drill on an angle when using the Portable Drilling Vise in the Portable Drill Guide (52885, sold separately).



Fig. 1

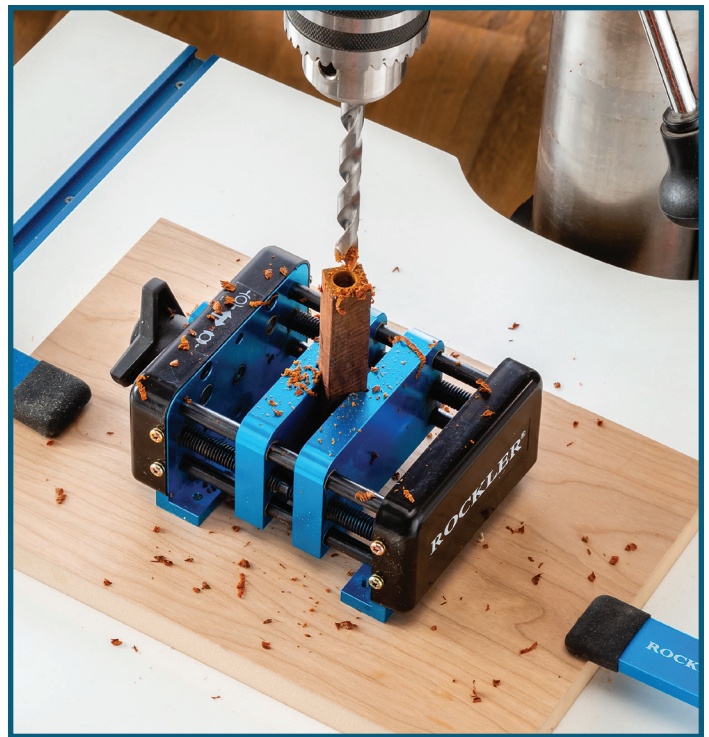


Fig. 2

Mounting Options

The Portable Drill Vise has been designed to mount to the Portable Drill Guide (52885, sold separately), but it also can be mounted to a backer panel and used at a drill press.

Fig. 1 and 2.

Using with Portable Drill Guide

1. Remove the four M5-0.8 x 20mm Socket-Head Cap Screws and Split Lock Washers from the bottom of the Portable Drill Vise.
2. Fit the Portable Drill Vise between the posts of the Portable Drill Guide and align the mounting holes in the Drill Vise with the elongated mounting holes in the Drill Guide.
3. From the underside of the Portable Drill Guide, install the M5-0.8 x 20mm Socket-Head Cap Screws and Split Lock Washers to connect the Drill Guide to the Portable Drill Vise. Do not fully tighten the screws.

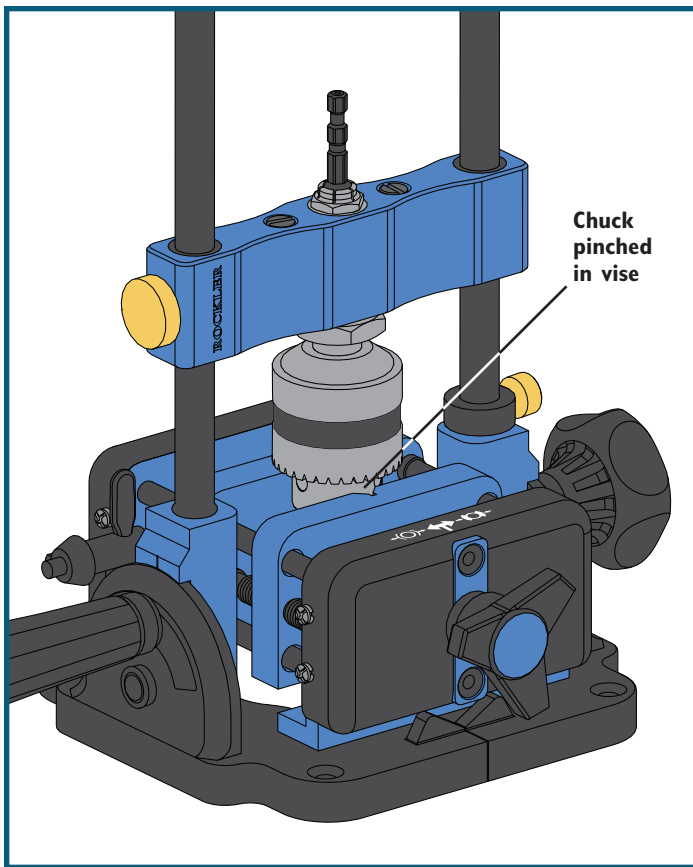


Fig. 3

4. Turn the knob on the Portable Drill Vise to open the jaws enough to accommodate the bottom section of the chuck from the Portable Drill Guide.
5. Loosen the brass thumbscrew on the Chuck Carriage of the Portable Drill Guide and lower the carriage until the bottom of the chuck is between the jaws of the Portable Drill Vise.
6. Turn the knob on the Portable Drill Vise to close the jaws around the chuck of the Portable Drill Guide until there's no play between the two. This will center the Drill Vise. **Fig. 3.**
7. From the underside of the Portable Drill Vise, carefully tighten the M5-0.8 x 20mm Socket-Head Cap Screws to secure the Drill Vise to the Portable Drill Guide. **Fig. 4.**
8. To test whether the Portable Drill Vise is accurately centered in the Portable Drill Guide, make a 3/4" x 3/4" x 3" blank and draw corner-to-corner lines to form an "X" on one end. Chuck a bit in the Drill Guide and insert the blank in the Drill Vise, tightening the jaws. Lower the bit. If the tip of the bit meets the center of the "X," the Drill Vise is centered. If not, loosen the M5-0.8 x 20mm Socket-Head Cap Screws and nudge the Drill Vise until the center of the bit and the center of the "X" meet.

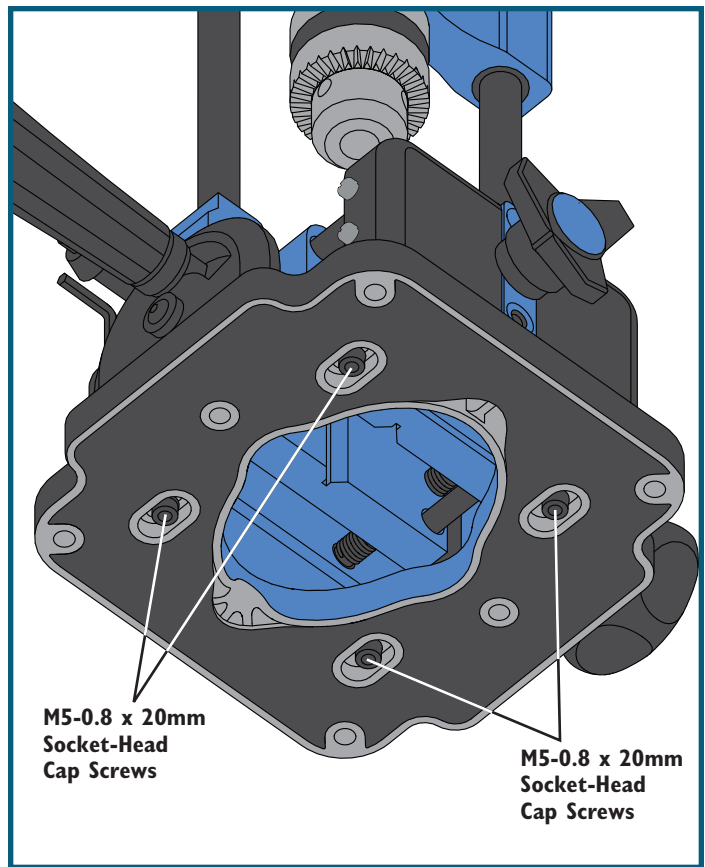


Fig. 4

Using with a Plywood or Other Base

1. Make a panel from plywood or other sheet stock up to 3/4" thick.
2. Remove the four M5-0.8 x 20mm Socket-Head Cap Screws and Split Lock Washers from the bottom of the Portable Drill Vise.
3. Place the Portable Drill Vise on the panel. Use the four mounting holes in the Drill Vise to mark drilling locations on the panel.
4. Drill 13/64" through holes at the hole locations. Then, on the underside of the panel, counterbore 3/8" diameter holes to accept the heads of the M5-0.8 x 20mm Socket-Head Cap Screws. The counterbores should be deep enough to fully conceal the screws and to allow the screws to fully connect to the Portable Drill Vise.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com