

# Trim Router Circle Cutting Jig Instructions



The Trim Router Circle Cutting Jig allows you to use your compact plunge router to easily cut precise ellipses and circles for picture frames, mirrors, signs and more. For safe and effective operation, please read these instructions fully before use.

## GENERAL SAFETY WARNINGS

This product is designed for specific applications as defined in the instructions and should not be modified and/or used for any other applications. Before using the Trim Router Circle Cutting Jig, read, understand and follow all instructions and safety information provided. **KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

- > Always confirm that you are using the most recent version of the Instructions and safety warnings for your product. To find the most recent version, find the product page on Rockler.com and click on the link to the Instructions.
- > For any tool used in conjunction 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 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 tools' owner's manuals.
- > Do not use this product until you have read and are confident you understand:
  - Product Specific Safety Warnings (p. 3);
  - Router Mounting Hole Key (p. 3);
  - Routing a Circle (p. 4).
- > Do not use this product in any manner other than what is described in these instructions. Use only recommended accessories.
- > Remain alert and use good judgment when using this tool. Do not use this tool if you are in any way impaired by medications, alcohol, drugs or fatigue.
- > Dress appropriately and remove all jewelry, secure loose clothing and tie up long hair before using this tool.
- > It is the sole responsibility of the purchaser of this product to ensure that any third party whom you allow to use this product reads and complies with all the instructions and safety precautions outlined in this manual prior to use.
- > Maintain these instructions and warnings as long as you own the product. Keep this booklet in a place where it will be readily available for reference.
- > The user assumes all risk and responsibility for the proper use of this product and for ensuring product suitability for intended application.
- > Always wear safety glasses in compliance with ANSI safety standards and hearing protection and follow all standard shop safety practices, including:
  - Keep your work area well lit and clean;
  - Unplug all power tools before making any adjustments or changing accessories;
  - Use dust collection tools and dust face masks to reduce exposure to dust;
  - Use accessory safety equipment such as featherboards, push sticks and push blocks whenever appropriate;
  - Do not use power tools in explosive environments (e.g., in the presence of flammable liquids, fumes or dust);
  - Keep children and bystanders away from the tool operating area;
  - Maintain proper footing at all times and do not overreach;
  - Do not force the tool.
- > These warnings and instructions do not represent the total of all information available regarding tool safety, use and technique. Please read the full manual before using this product and 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](http://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.

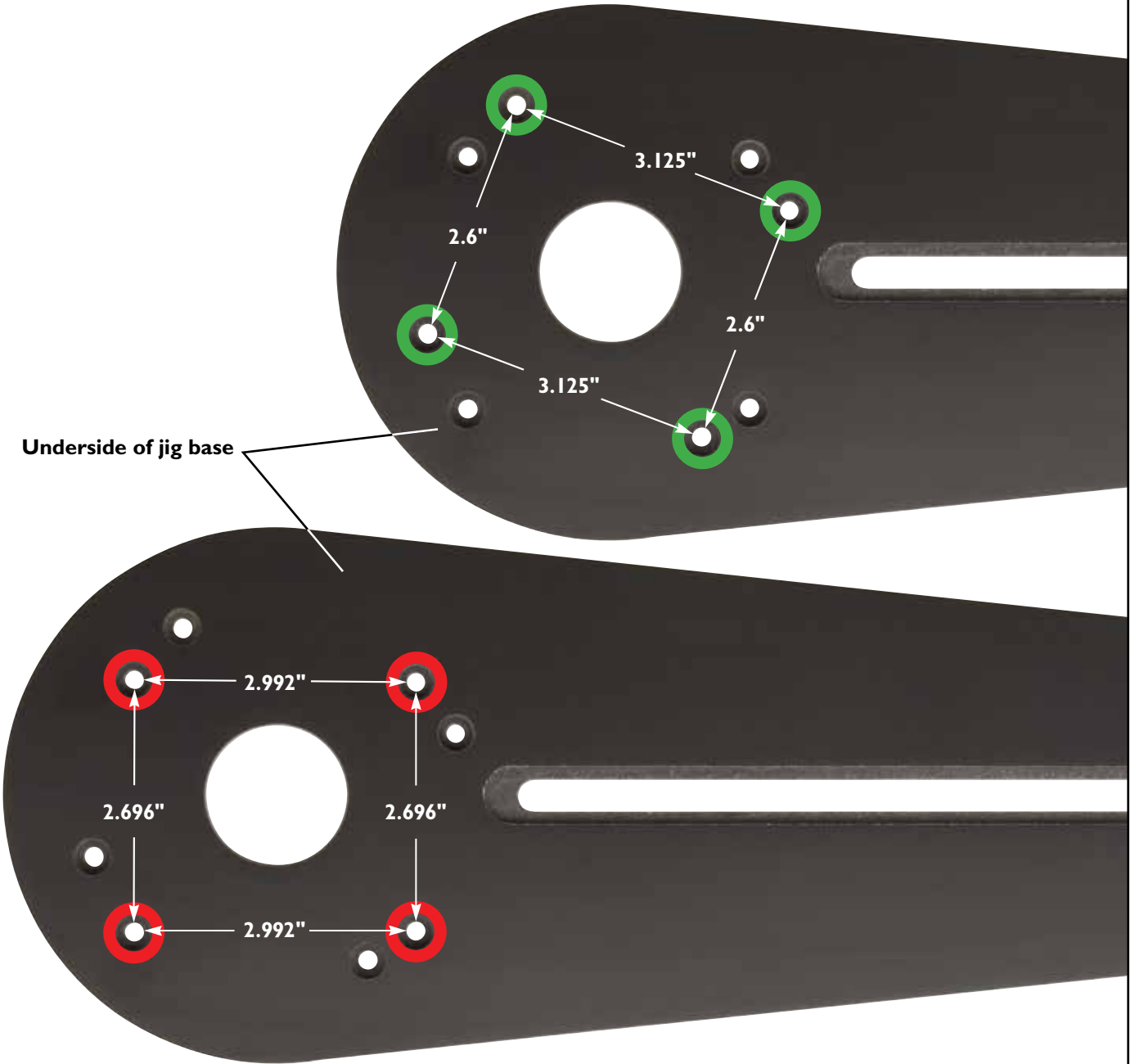
**NOTICE** Notice indicates important or helpful information and/or user tips.

# WARNING

## PRODUCT SPECIFIC SAFETY WARNINGS

- > Your router must be unplugged while attaching the Trim Router Circle Cutting Jig and while making any adjustments.
- > Properly secure your workpiece before attempting to make a cut.

- > Do not attempt to make the full depth of cut in one pass. Make several passes removing small increments of material each time.
- > Maintain awareness of the router bit at all times while cutting.



### ROUTER MOUNTING HOLE KEY



Bosch PR20EVSPK



DeWalt DWP61 IPK

Porter Cable PC450PK

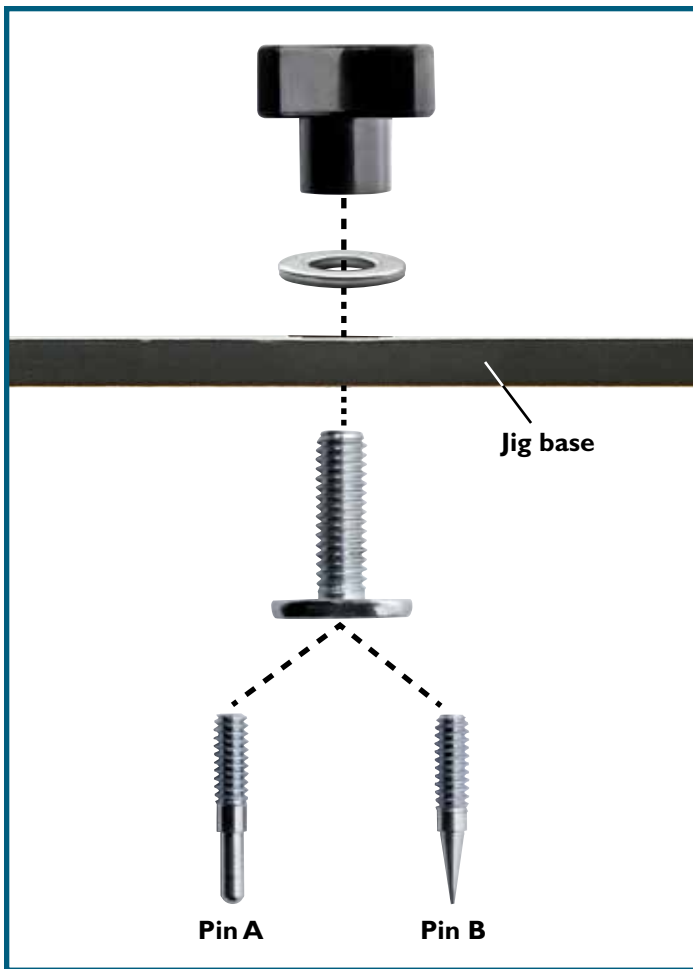


Fig. 1

## Routing a Circle

1. Place your Circle Cutting Jig on a flat surface with the countersunk holes facing down.
2. Unplug your router and remove the baseplate.
3. Mount your router to the Circle Cutting Jig using the screws from your baseplate. See **Router Mounting Hole Key**.
4. Assemble pivot point and knob. **Fig. 1**. Use Pin A when you plan to have the bottom surface of your workpiece facing up and you've drilled a center hole to register the pin. Use Pin B when you plan to cut with the top surface facing up.
5. Set the router to the desired depth of cut and rout in a counterclockwise direction. The radius of your circle is the distance from the inside edge of the router bit to the center of the pin. **Fig. 2**.

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

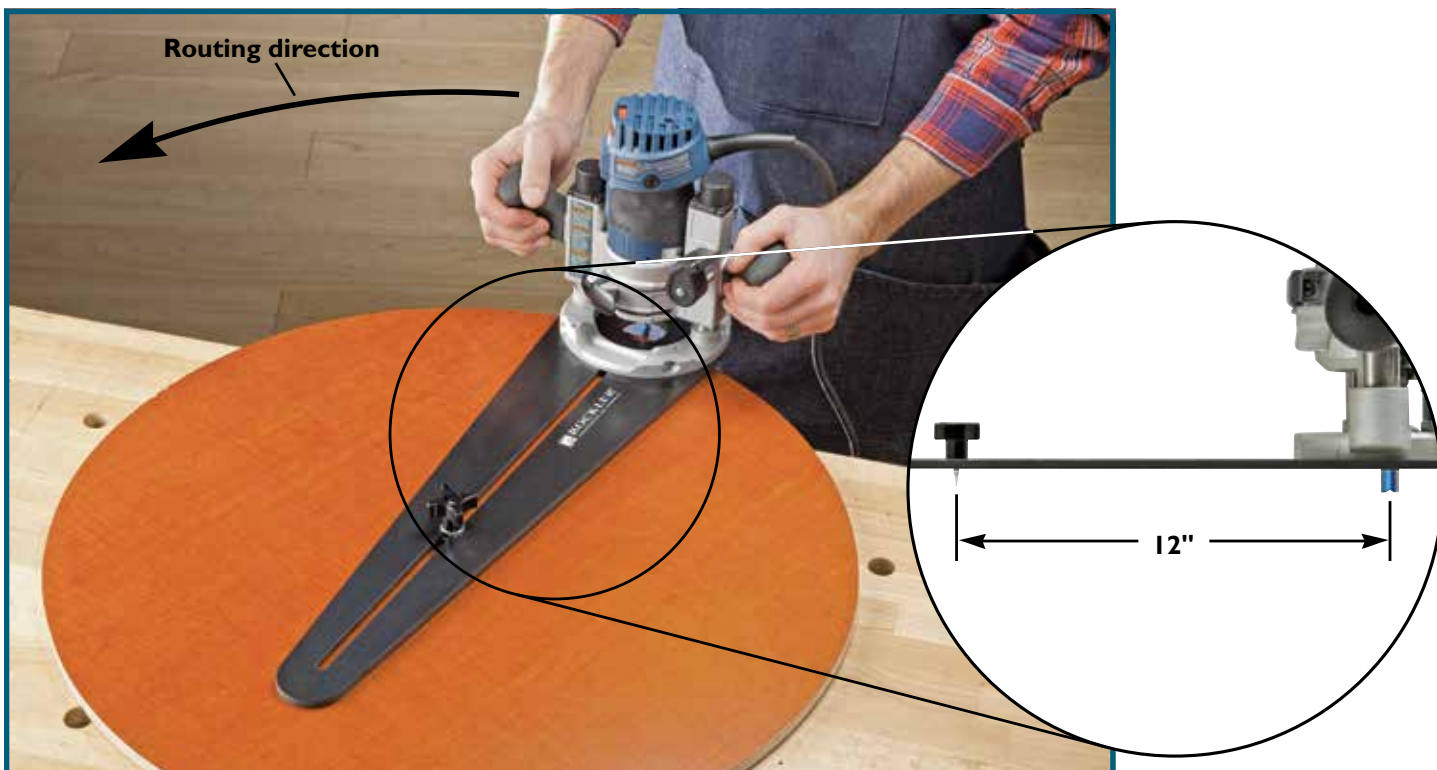


Fig. 2 - Jig setup to make a 24" diameter circle with a 3/8" bit