



ROCKLER[®]
WOODWORKING AND HARDWARE

Create with Confidence™

Pizza Cutter Turning Kit Instructions

Effective January 2019



Review full manual instructions prior to use for important safety information.
Always check Rockler.com to confirm that you are using the most recent manual version 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 Pizza Cutter Turning Kit: **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:
 - Standard Drilling Method (pp. 4-5);
 - Alternative Drilling Method (pp. 5-6).
- > 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

WARNING

- > To avoid serious injury, turn off and unplug the lathe if using it to install the threaded insert.

CAUTION

- > The actual size of pilot hole required may vary from the recommendations, depending on the nature and grain of wood. We recommend a test installation on a piece of scrap.
- > Do not get any adhesive on the interior of the threaded insert. Put a small piece of tape on the bottom of the insert to prevent glue from coming up into the threads.

Choose Your Stock

Select a wood or acrylic blank measuring approximately 1½" x 1½" x 6". Be sure the blank is long enough that there's enough material for cutting the handle off the lathe.

Drill the Blank

There are three ways to drill the hole needed for the threaded insert. All require that the end of the blank be square to the other faces.

▲ CAUTION The actual size of pilot hole required may vary from the recommendations, depending on the nature and grain of wood. We recommend a test installation on a piece of scrap.

At a drill press: Draw diagonal, corner-to-corner lines on the end of the blank to locate the center. Using a handscrew clamp or drill press vise to hold the blank perpendicular to the table, drill a 1/2" hole for hardwoods or 7/16" hole for softwoods at least 1½" deep at the center mark.

On the lathe: Install a four-jaw chuck in the headstock and a lathe drill chuck in the tailstock. Secure your turning blank in the four-jaw chuck and a 1/2" bit for hardwoods or 7/16" bit for softwoods in the drill chuck; turn on the lathe and slowly advance the tailstock to drill the 1½" deep hole for the insert.

With a handheld drill: Mark the center on the end of the blank and clamp the blank in a vise. Use a 1/2" bit for hardwoods or 7/16" bit for softwoods to drill a 1½" deep hole at that mark, taking care to keep it as square as possible to the end.

Install the Threaded Insert

▲ CAUTION Do not get any adhesive on the interior of the threaded insert. Put a small piece of tape on the bottom of the insert to prevent glue from coming up into the threads.

If you drilled a larger hole in your stock to reduce the risk of splitting, you might need to apply a small amount of epoxy or thick CA glue to the insert. Be careful not to get any glue on the interior of the insert. If you're using acrylics for your handle, we have found that heating the insert before installing is very effective.

▲ WARNING To avoid serious injury, turn off and unplug the lathe if using it to install the threaded insert.

On the lathe: Install a lathe drill chuck in the headstock. Secure the 1" Shoulder Mandrel with 5/16"-18 Threads (43469, sold separately) in the drill chuck, and thread the insert on the mandrel. Lubricate the external threads with beeswax, screw lube or soap. Bring the blank to the mandrel and, taking care to keep it square, slowly turn the drill chuck to drive the insert into the stock. Do **NOT** turn on the lathe.

By hand: Lubricate the external threads of the insert with beeswax, screw lube or soap. Position the insert at the opening of the hole and use an 8mm hex wrench (not included) to turn it to install it in the blank. Try to keep it as square to the blank as possible.

Turn the Handle and Assemble

1. Mount a lathe drill chuck in the headstock and install the 1" Shoulder Mandrel with 5/16"-18 Threads (43469, sold separately).
2. Thread the turning blank (with insert installed) all the way on the mandrel. Install a live center in the tailstock and bring the live center up to the blank to support it during turning.
3. Rough the blank into a cylinder.
4. Turn the blank to the desired profile. Note that the 1" shoulder of the mandrel is sized to match the diameter of the Pizza Cutter hardware.
5. Sand the workpiece through 600 grit or higher, as desired.
6. Reduce the diameter on the waste side and remove by parting it off completely with a parting tool or, with the lathe stopped, cut away the waste with a small handsaw.
7. Sand the end of the workpiece.
8. Apply the desired finish.
9. Install the Pizza Cutter hardware by threading it into the finished handle. The handle can be removed later for easy washing of the hardware.

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