

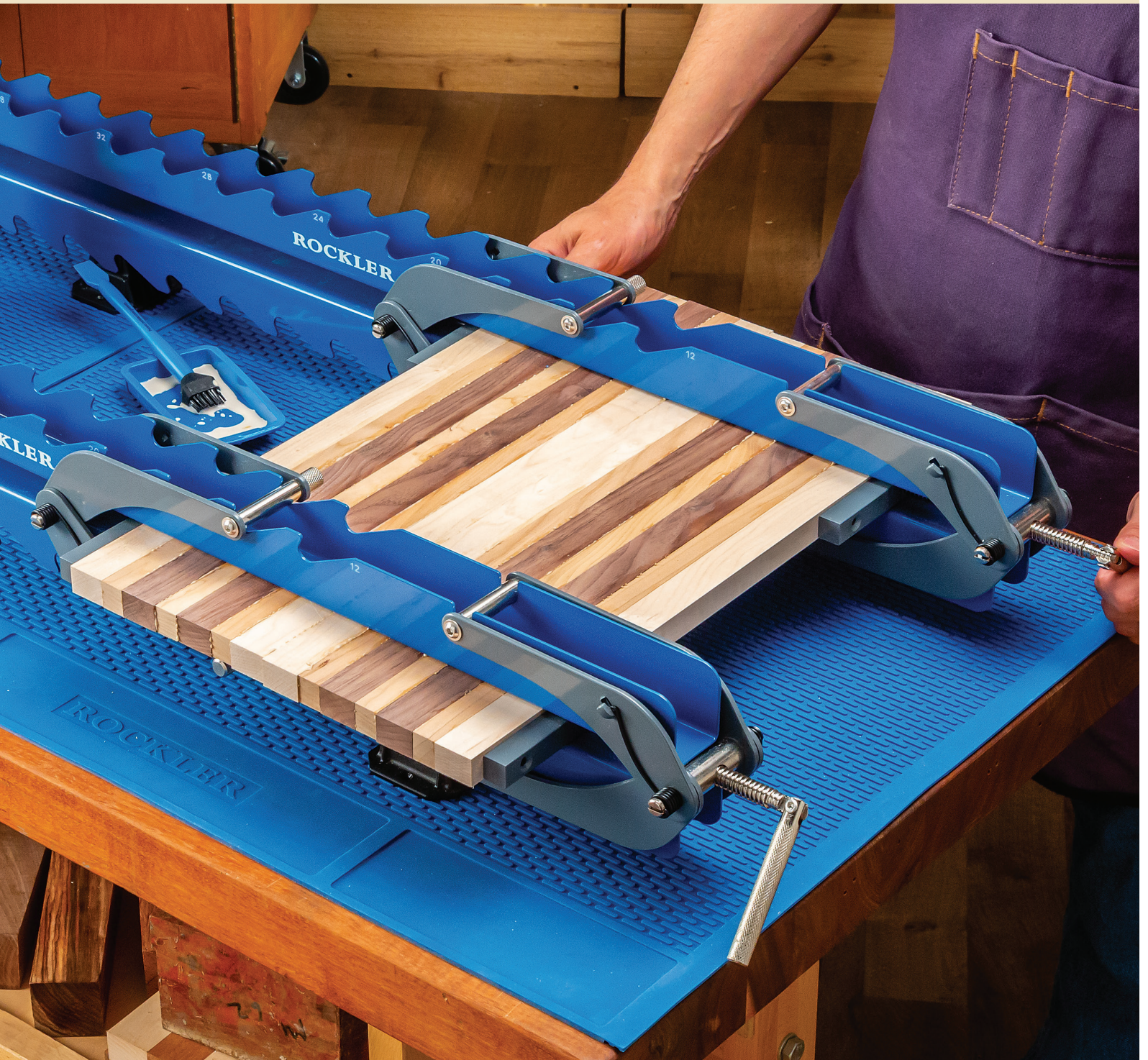


ROCKLER[®]
WOODWORKING AND HARDWARE

Create with Confidence™

Deluxe Panel Clamp Instructions

Effective July 2021



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 Deluxe Panel Clamp: **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);
 - Setup and Use (p. 3-4);
- > 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.

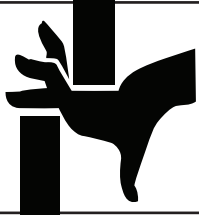
⚠ CAUTION

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



⚠ WARNING

- > **Pinch hazard:** Always keep hands and fingers outside the clamping area when tightening the Deluxe Panel Clamp. Also be careful to keep hands and fingers from getting caught between the teeth and other parts of the clamp when making adjustments to the clamp capacity.



Setup and Use

NOTICE

Maximum panel width: 36"; minimum panel width: 10"

Maximum panel thickness: 3"; minimum panel thickness: 3/4"

Deluxe Panel Clamps are sold individually. For multiple clamps, follow the same steps to set them all up before applying the glue.

1. Place one of the Rails (1) on your work surface with the teeth facing down and pointing toward you.

PARTS LIST

	Quantity
1 Rail	2
2 Headstock Assembly	1
3 Tailstock Assembly	1
4 Foot	2

2. Fit the Headstock Assembly (2) onto the bottom Rail (1). The pin of the lower arm of the Headstock Assembly fits into the U-shaped notches in the Rail. Turn the threaded handle on the Headstock Assembly to fully retract the clamping bar.

3. Fit the Tailstock Assembly (3) onto the Bottom Rail (1). Refer to the numbers printed on the Rail to position the Tailstock Assembly so that the pin of its lower arm fits into the set of notches closest to (but still larger than) the total width of the boards you will be gluing to form your panel. Setting the pin one or two notch positions beyond the final panel width is not a problem because of the clamp mechanism's range. **Fig. 1**
4. Fit the magnetic Feet (4) into the lower Rail (1), spacing them as far apart from one another as possible to maximize clamp stability. If your work surface is wide enough, the Feet ideally should be positioned outside of the Headstock Assembly (2) and Tailstock Assembly (3). This will make it easier if you need to move the Tailstock Assembly toward the Headstock Assembly later.
5. Lay out the boards for your panel on the bottom Rail (1) between the Headstock Assembly (2) and the Tailstock Assembly (3). Lift the top arms of the assemblies to fit the boards in.
6. If the boards don't fit, or if there's a lot of extra space, adjust the Tailstock Assembly (3) in or out as necessary. There are knurled pin extensions on the Tailstock Assembly to make it easier to hold the arms open.
7. Apply glue to the edges of your boards and position them for clamping on the bottom Rail (1).
8. Grab the top Rail (1), orienting it so the teeth are facing up and toward you. Lift the top arm of the Headstock Assembly (2) and begin sliding the Rail through the Headstock toward the Tailstock Assembly (3). Lift the top arm of the Tailstock Assembly and slide the Rail into the U-shaped notch. Allow the pin of the top arm of the Tailstock Assembly to fit into the same set of notches as it did in the bottom Rail. **Fig. 2**
9. Verify that the Headstock Assembly (2) and the Tailstock Assembly (3) are locked in corresponding slots in the top and bottom Rails (1).
10. Turn the threaded handle on the Headstock Assembly (2) to apply clamping pressure to the boards, making sure the joints are flush as you increase the pressure. Small discrepancies at the joined edges are normal; simply give the boards a tap with a dead-blow mallet to bring the joints flush. **Fig. 3**
11. Once the glue has dried, loosen the threaded handle and remove the panel.

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. 1



Fig. 2



Fig. 3