Review full instruction manual 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.
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:
- Parts List (pp. 3);
- Picture Frame Stock (pp. 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.

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**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.
## PARTS LIST

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A  Spring-loaded Jaws</td>
<td>2</td>
</tr>
<tr>
<td>B  Auxiliary Jaws (one pair attached)</td>
<td>2 pr</td>
</tr>
<tr>
<td>C  Angle Adjustment Knobs</td>
<td>2</td>
</tr>
<tr>
<td>D  Large Clamp Knob</td>
<td>1</td>
</tr>
<tr>
<td>E  Hex Wrench (not shown)</td>
<td>1</td>
</tr>
</tbody>
</table>
Picture Frame Stock

When clamping square stock, auxiliary jaws are not used. Only Spring-Loaded Jaws (A) are needed. Proceed to Step 3.

1. Choose the Auxiliary Jaw (B) set that best fits your frame stock. Fig. 1.

2. If necessary for your application, remove the attached Auxiliary Jaws and replace with other jaws using two hex screws and hex wrench provided for assembly.

3. Support the end of long frame stock with a piece of 3/4” thick scrap. Fig. 2.

4. Position the Angle Adjustment Knobs to the 90° position. Fig. 3.

5. Insert both pieces of the frame stock against the back jaws and slide them together to close the joint. The clamp is not engaged at this point. Only hand pressure against the back jaws is used. Note: If the two frame pieces are cut accurately and form a tight joint, proceed to Step 7.

6. If the miters are not cut to a perfect 45° and there is a gap between the toe or heel of the joint, slightly rotate both Angle Adjustment Knobs (C) to adjust the angle of the back jaws until the joint is tight. Both Angle Adjustment Knobs should be adjusted simultaneously for best results. Fig. 4.

**NOTICE** It’s natural to over-adjust the Angle Adjustment Knobs. In most situations, the knobs should be left in the 90° position. Adjust only in very small increments.

7. Once the joint has been dry clamped and is tight, loosen the clamp and apply glue on the joint.

8. Reposition the frame stock in the clamp and engage the clamp by turning Large Clamp Knob (D) until the joint is tight. Do NOT overtighten.

9. The miter can be fastened with glue, brads or specialty picture frame fasteners.

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