

Chicago Electric 61970

Wood Stock Clamp Screw Holder User Manual

Model: 61970 | Brand: Chicago Electric

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the Chicago Electric Wood Stock Clamp Screw Holder. This clamp is designed to securely hold workpieces on miter saws, enhancing stability and precision during cutting operations. It is compatible with 12" and 10" miter saw models, specifically OEM 61970, and may also work with models 61969, 61971, and 61972.

Please read this manual thoroughly before setup, operation, or maintenance to ensure proper usage and to prevent potential hazards.

2. SAFETY INFORMATION

Always prioritize safety when working with power tools and accessories. Failure to follow these safety guidelines may result in serious injury or damage to equipment.

- **Read Miter Saw Manual:** Always refer to your miter saw's instruction manual for specific safety procedures and compatibility requirements before installing or using this clamp.
- **Secure Mounting:** Ensure the clamp is securely mounted to the miter saw according to the saw's specifications. A loose clamp can lead to workpiece movement and hazardous conditions.
- **Proper Workpiece Clamping:** Always ensure the workpiece is firmly clamped before beginning any cutting operation. Do not rely solely on hand pressure to hold material.
- **Inspect Before Use:** Before each use, inspect the clamp for any signs of damage, wear, or deformation. Do not use a damaged clamp.
- **Keep Hands Clear:** Always keep hands and fingers away from the cutting blade and moving parts of the miter saw, especially when adjusting or tightening the clamp.
- **Wear Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, and gloves, when operating a miter saw and using this clamp.
- **Do Not Over-tighten:** Tighten the clamp only enough to secure the workpiece. Excessive force can damage the clamp, the workpiece, or the miter saw.

3. PRODUCT OVERVIEW AND COMPONENTS

The Wood Stock Clamp Screw Holder consists of several key components designed for effective workpiece securing.

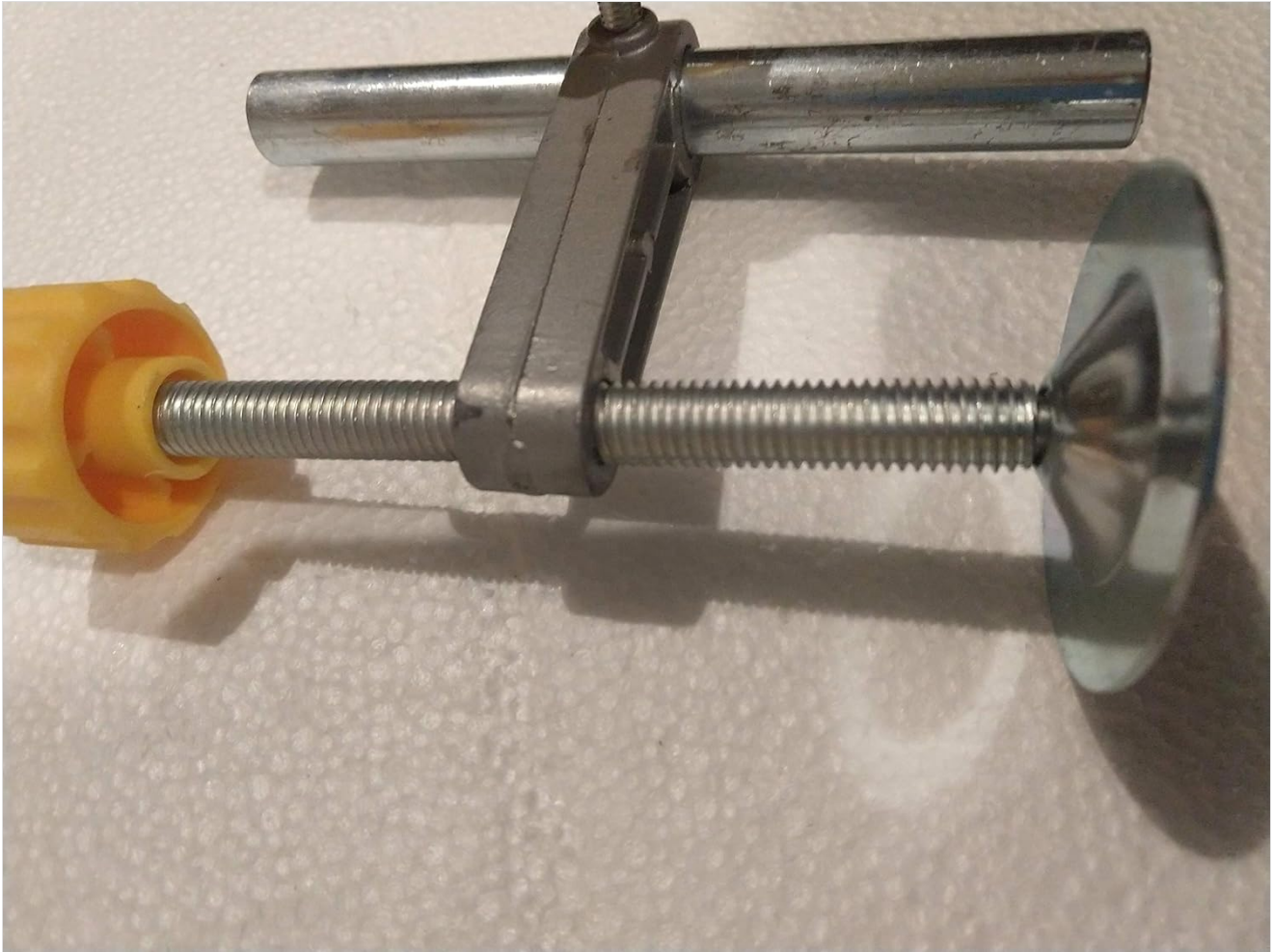


Figure 3.1: Assembled Wood Stock Clamp Screw Holder. This image shows the complete clamp assembly, including the main body, threaded screw, clamping disc, and adjustment knobs.

1. **Main Body:** The H-shaped metal frame that attaches to the miter saw and houses the clamping mechanism.
2. **Threaded Screw:** The long screw with a handle that extends and retracts to apply clamping pressure.
3. **Clamping Disc:** The flat, circular plate at the end of the threaded screw that makes contact with the workpiece.
4. **Adjustment Knobs:** Yellow knobs used to tighten and loosen the threaded screw and to secure the clamp to the saw.
5. **Mounting Post:** The cylindrical metal bar that inserts into the miter saw's designated clamp slot.

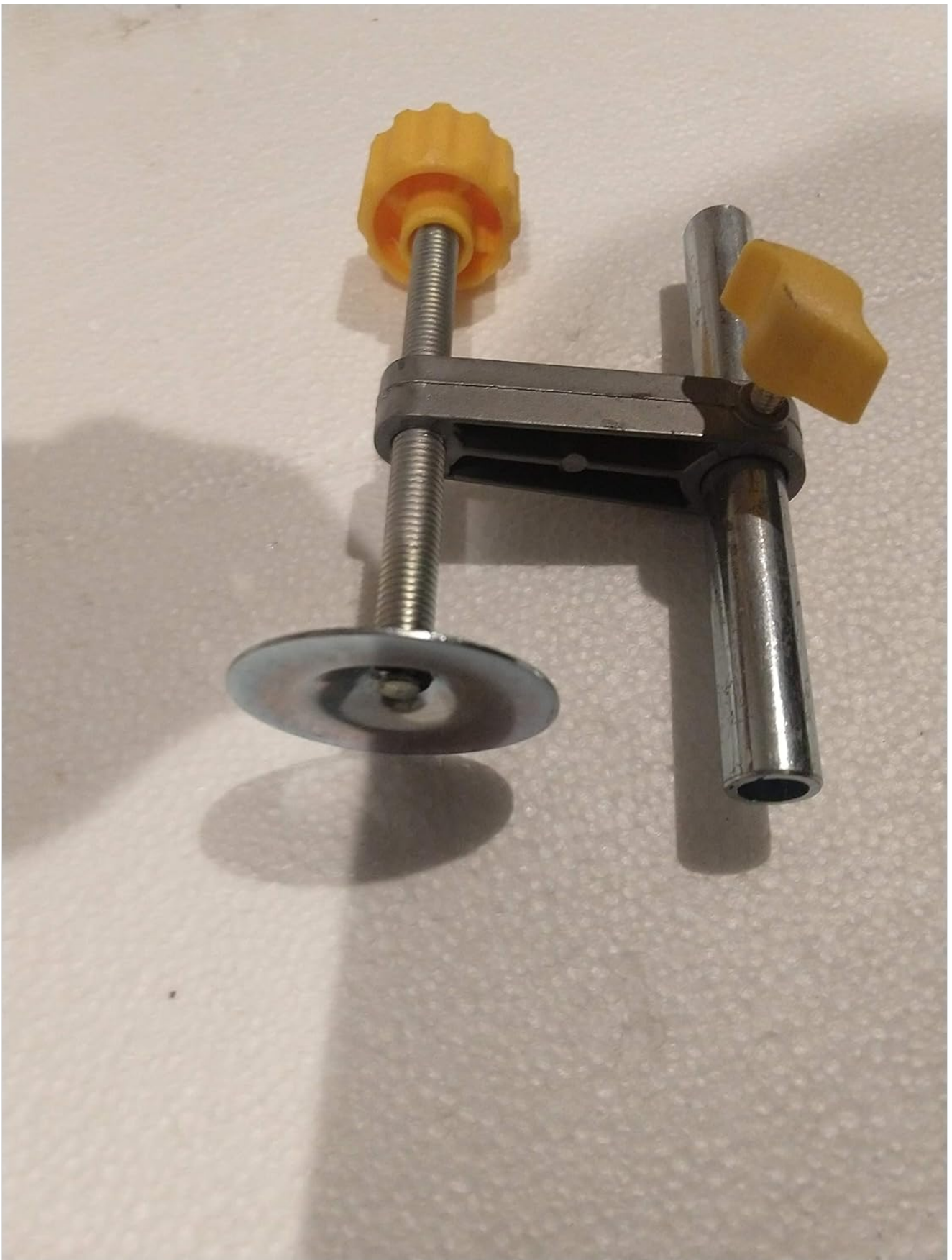


Figure 3.2: Wood Stock Clamp Screw Holder, side view. This view highlights the H-shaped main body and the relative positions of the threaded screw and mounting post.



Figure 3.3: Close-up of the mounting post. This image shows the hollow nature of the cylindrical mounting post, which is inserted into the miter saw's clamp slot.

4. SETUP AND INSTALLATION

Follow these steps to properly install the Wood Stock Clamp Screw Holder onto your compatible miter saw.

1. **Identify Clamp Slot:** Locate the designated clamp mounting slot on your miter saw. This is typically a vertical hole or channel near the saw's fence.
2. **Insert Mounting Post:** Slide the cylindrical mounting post of the clamp into the miter saw's clamp slot. Ensure it slides in smoothly and is fully seated.
3. **Secure Clamp:** Use the yellow adjustment knob on the main body of the clamp to tighten it against the miter saw's frame. This secures the clamp in its position. Ensure it is firm and does not wobble.
4. **Position Clamp:** Adjust the height and lateral position of the clamp to align with the typical thickness and width of the workpieces you will be cutting. The clamp should be positioned so that the clamping disc can make full contact with the workpiece.

Note: The clamp is designed for models 61970, 61969, 61971, and 61972. Verify your saw's model number and

consult its manual for specific clamp installation instructions if necessary.

5. OPERATING INSTRUCTIONS

Once installed, the clamp is ready for use. Follow these steps to effectively secure your workpiece.

- 1. Place Workpiece:** Position your workpiece firmly against the miter saw's fence and table.
- 2. Adjust Clamping Disc:** Rotate the yellow knob on the threaded screw to bring the clamping disc close to the workpiece.
- 3. Apply Pressure:** Continue rotating the knob clockwise to advance the threaded screw and apply firm, but not excessive, pressure to the workpiece. The workpiece should be held securely against the fence and table, preventing any movement during the cut.
- 4. Verify Security:** Gently attempt to move the workpiece by hand to confirm it is fully secured before operating the miter saw.
- 5. Release Workpiece:** After the cut is complete and the saw blade has come to a complete stop, rotate the knob counter-clockwise to retract the threaded screw and release the clamping pressure. Remove the workpiece carefully.

6. MAINTENANCE

Regular maintenance ensures the longevity and proper function of your Wood Stock Clamp Screw Holder.

- Cleaning:** After each use, wipe down the clamp with a clean, dry cloth to remove sawdust, debris, and any moisture.
- Lubrication:** Periodically apply a light coat of machine oil or silicone spray to the threaded screw to ensure smooth operation. Avoid excessive lubrication that could attract dust.
- Inspection:** Regularly inspect all components for signs of wear, bending, cracks, or corrosion. Pay close attention to the threaded screw, clamping disc, and the mounting post.
- Storage:** Store the clamp in a clean, dry environment when not in use to prevent rust and damage.

7. TROUBLESHOOTING

If you encounter issues with your clamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Clamp does not hold workpiece securely.	Insufficient tightening; workpiece not flush against fence; clamp not properly seated in saw slot.	Ensure workpiece is flush. Tighten knob firmly. Verify clamp is fully inserted and secured in saw slot.
Threaded screw is stiff or difficult to turn.	Lack of lubrication; accumulated dust/debris in threads.	Clean threads thoroughly. Apply a light lubricant to the threaded screw.
Clamp wobbles after installation.	Clamp not fully secured to miter saw; incorrect clamp for saw model.	Ensure the clamp's securing knob is fully tightened. Confirm clamp compatibility with your miter saw model.

8. SPECIFICATIONS

Key specifications for the Wood Stock Clamp Screw Holder:

Brand: Chicago Electric

Model Number: 61970

Compatible Miter Saws: 12" & 10" models 61970, 61969, 61971, 61972 (OEM for 61970)

Material: Metal

Color: Silver, Yellow

Item Weight: 8 ounces

UPC: 792363134026

Package Dimensions: Approximately 5 x 4 x 2 inches

Mounting Post Outer Diameter (OD): 14.8 mm (as per product description)



Figure 8.1: Clamp dimensions. This image shows the clamp alongside a measuring tape, indicating its approximate size and the length of the threaded screw.

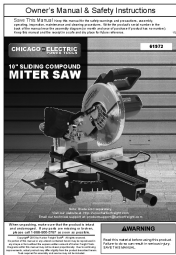

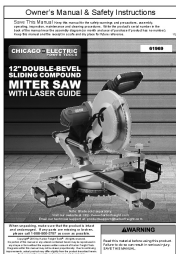

9. WARRANTY AND SUPPORT

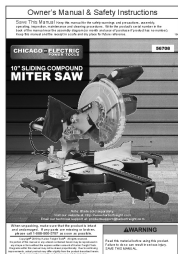
For warranty information or technical support regarding your Wood Stock Clamp Screw Holder, please refer to the documentation provided with your original miter saw or contact the manufacturer, Chicago Electric, directly. Keep your purchase receipt as proof of purchase.

For general inquiries or to find authorized service centers, visit the official Chicago Electric website or contact their customer service department.

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Related Documents - 61970

	<p>Chicago Electric 10" Sliding Compound Miter Saw Owner's Manual & Safety Instructions</p> <p>Owner's manual and safety instructions for the Chicago Electric 10" Sliding Compound Miter Saw (Model 61972), covering setup, operation, maintenance, safety warnings, and troubleshooting.</p>
	<p>Chicago Electric 10" Sliding Compound Miter Saw Owner's Manual & Safety Instructions</p> <p>Comprehensive owner's manual and safety instructions for the Chicago Electric 10" Sliding Compound Miter Saw (Item 61971). Covers setup, operation, maintenance, safety warnings, troubleshooting, parts list, and warranty information.</p>
	<p>Chicago Electric 12" Double-Bevel Sliding Compound Miter Saw Owner's Manual & Safety Instructions</p> <p>Comprehensive owner's manual and safety instructions for the Chicago Electric 12-inch Double-Bevel Sliding Compound Miter Saw with Laser Guide. Includes setup, operation, maintenance, troubleshooting, and warranty information.</p>
	<p>Chicago Electric 2.5 HP 10" Industrial Tile/Brick Saw Owner's Manual & Safety Instructions</p> <p>Comprehensive owner's manual and safety instructions for the Chicago Electric 2.5 HP 10" Industrial Tile/Brick Saw (Item 69275), covering safety precautions, setup, operation, maintenance, troubleshooting, parts lists, and warranty information.</p>



[Owner's Manual & Safety Instructions: 10" Sliding Compound Miter Saw \(Model 56708\)](#)

Comprehensive owner's manual and safety instructions for the Chicago Electric 10" Sliding Compound Miter Saw, Model 56708. Covers setup, operation, maintenance, safety warnings, troubleshooting, parts list, and warranty information.



[Owner's Manual & Safety Instructions for Chicago Electric 7" Portable Wet Cutting Tile Saw \(Model 69231\)](#)

Comprehensive owner's manual and safety instructions for the Chicago Electric 7" Portable Wet Cutting Tile Saw (Model 69231), including setup, operation, maintenance, troubleshooting, and warranty information.