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› WOONEKY /

› WOONEKY Ergonomic Woodworking F-Clamp Instruction Manual Model KEG02OXC48RC56CWY8BAD

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WOONEKY Ergonomic Woodworking F-Clamp Instruction Manual

Model: KEG02OXC48RC56CWY8BAD

Brand: WOONEKY

1. INTRODUCTION

Thank you for choosing the WOONEKY Ergonomic Woodworking F-Clamp. This heavy-duty fastening tool is designed for various woodworking and general clamping applications, providing secure and stable workholding. Constructed from durable chromium vanadium alloy steel, this F-clamp offers reliability and ease of use for both professional and DIY projects. This manual provides essential information for the safe and effective operation, maintenance, and care of your new F-clamp.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, such as safety glasses, when using clamping tools.
- Ensure the workpiece is stable and properly secured before applying pressure with the clamp.
- Do not overtighten the clamp, as this can damage the workpiece or the clamp itself.
- Keep hands and fingers clear of moving parts, especially the screw mechanism and clamping jaws, to prevent pinching.
- Inspect the clamp for any signs of damage or wear before each use. Do not use a damaged clamp.
- Store the clamp in a dry, clean place away from children and unauthorized users.
- This tool is intended for workholding purposes only. Do not use it for lifting, pulling, or other unintended applications.

3. PRODUCT OVERVIEW

The WOONEKY F-Clamp is a robust tool designed for secure workholding. Its construction features chromium vanadium alloy steel for durability and strength. The ergonomic design ensures a comfortable grip during operation.



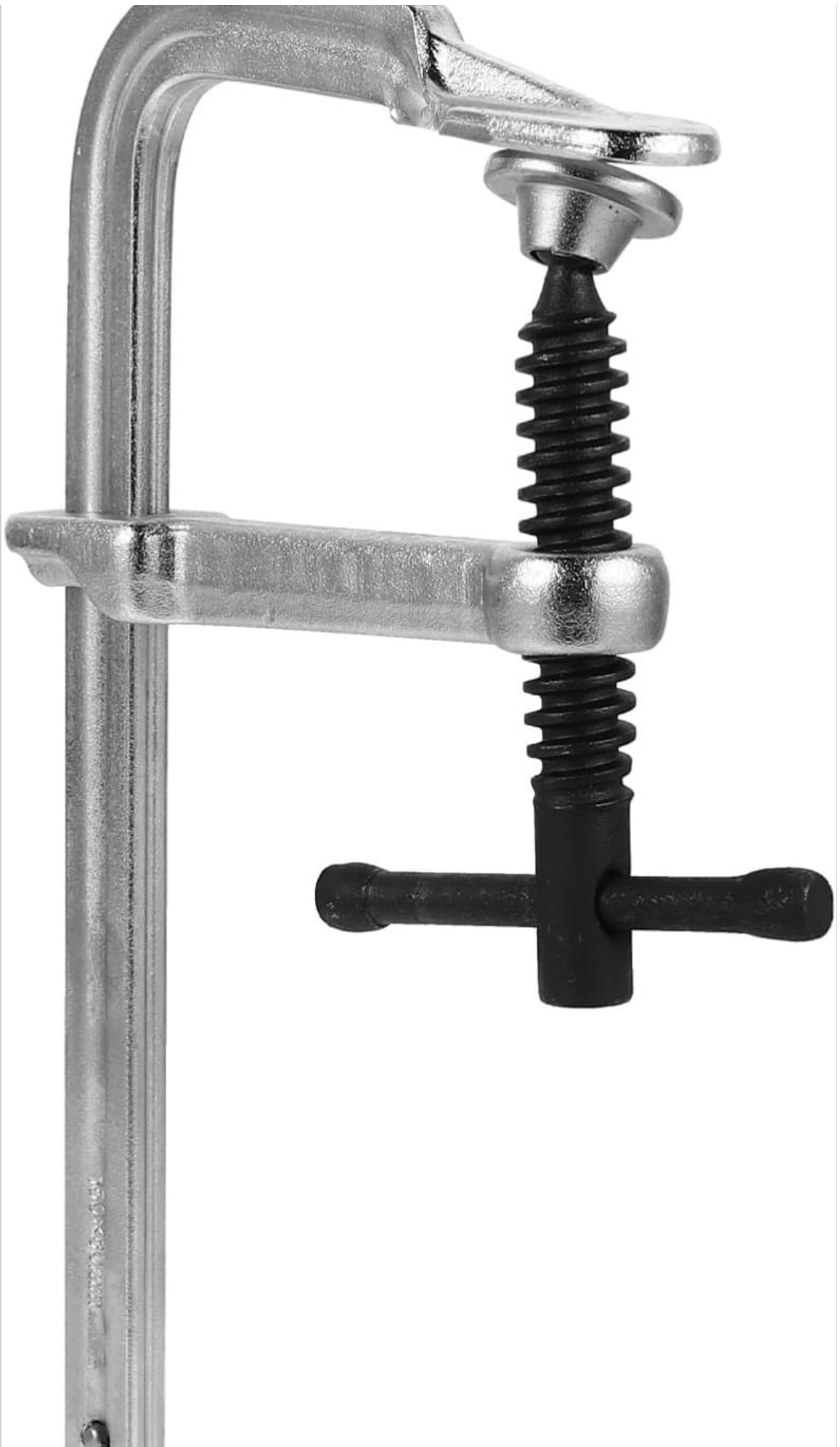




Figure 3.1: The WOONEKY Ergonomic Woodworking F-Clamp. This image displays the overall structure of the F-clamp, highlighting its main components including the fixed jaw, sliding jaw, and screw mechanism with handle.

Key Features:

- **Material:** Constructed from high-quality chromium vanadium alloy steel for enhanced durability and strength.
- **Ergonomic Design:** The handle is designed for a comfortable and secure grip, reducing user fatigue during prolonged use.
- **Simple Structure:** The F-clamp features a straightforward design, making it easy to operate and adjust.
- **Versatile Application:** Suitable for various tasks including gluing, pressing, and general clamping in woodworking and other crafts.



Figure 3.2: Detailed view of the F-clamp's quality and material. This image shows close-ups of the clamp's construction, emphasizing its high-tech craftsmanship and the chromium vanadium alloy steel material, ensuring stability and durability.

01

Its structure is relatively simple, the operation method is simple, and it is easy to use



02

The product conforms to the ergonomic design, giving you a comfortable feeling in operation



03

It has a wide range of applications, suitable for daily use, very practical and professional

Figure 3.3: Key features of the WOONEKY F-Clamp. This image illustrates the simple structure, ergonomic design for comfortable operation, and wide range of practical applications of the clamp.

4. SETUP

1. **Unpack:** Carefully remove the F-clamp from its packaging.
2. **Inspect:** Before first use, visually inspect the clamp for any manufacturing defects or shipping damage. Ensure all components are present and functional.
3. **Clean:** Wipe down the clamp with a dry cloth to remove any dust or protective oils.

5. OPERATING INSTRUCTIONS

The WOONEKY F-Clamp is designed for straightforward operation. Follow these steps for effective workholding:

1. **Prepare Workpiece:** Ensure the surfaces of the workpiece to be clamped are clean and free of debris.
2. **Position Clamp:** Place the fixed jaw of the F-clamp against one side of the workpiece.
3. **Adjust Sliding Jaw:** Slide the movable jaw along the bar until it is close to the other side of the workpiece.
4. **Tighten:** Turn the handle of the screw mechanism clockwise to bring the movable jaw firmly against the

workpiece. Apply sufficient pressure to hold the workpiece securely without causing damage.

5. **Release:** To release the clamp, turn the handle counter-clockwise until the pressure is relieved, then slide the movable jaw away from the workpiece.



The bar clamp is designed for light work and is great for gluing, pressing work and general clamping

Figure 5.1: The F-clamp in a typical woodworking application. This image demonstrates the clamp being used to secure a workpiece, illustrating its function for gluing, pressing, and general clamping tasks.



Figure 5.2: Multiple uses of the WOONEKY F-Clamp. This composite image shows the clamp being utilized in different scenarios, such as holding wood for measurement, marking, and sanding, demonstrating its versatility in a workshop environment.

6. MAINTENANCE

- **Cleaning:** After each use, wipe down the clamp with a dry cloth to remove sawdust, glue residue, or other debris.
- **Lubrication:** Periodically apply a light coat of machine oil to the screw threads to ensure smooth operation and prevent rust.
- **Storage:** Store the clamp in a dry environment to prevent corrosion. Avoid storing in damp or humid conditions.
- **Inspection:** Regularly check the clamp for any signs of wear, bending, or damage to the bar, jaws, or screw mechanism. Replace the clamp if significant damage is observed.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clamp does not hold workpiece securely.	Insufficient tightening; workpiece surface is slippery or uneven.	Ensure the screw is fully tightened. Use protective pads on jaws for delicate or slippery surfaces. Ensure workpiece is stable.
Screw mechanism is stiff or difficult to turn.	Lack of lubrication; dirt or debris in threads; minor rust.	Clean the screw threads thoroughly. Apply a light machine oil to the threads.
Clamp leaves marks on workpiece.	Excessive pressure; direct contact with metal jaws.	Reduce clamping pressure. Use protective pads (e.g., wood scraps, rubber pads) between the clamp jaws and the workpiece.

8. SPECIFICATIONS

Model Number	KEG02OXC48RC56CWY8BAD
Brand	WOONEKY
Material	Chromium Vanadium Alloy Steel
Color	Silver
Item Dimensions (L x W x H)	8.66 x 4.45 x 0.79 inches (22 x 11.3 x 2 cm)
Item Weight	1.09 pounds (approx. 0.49 kg)
Included Components	1 x F-Clamp
Batteries Required	No



Figure 8.1: Dimensional specifications of the WOONEKY F-Clamp. This image provides a visual representation of the clamp's length (22cm/8.65inch) and width (12.5cm/4.91inch).

9. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not provided within this instruction manual. For warranty details or support inquiries, please refer to the product packaging, your purchase receipt, or contact the retailer or manufacturer directly.