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› [WORKPRO](#) /

› [WORKPRO 5-in-1 Rivet Gun Set \(Model W023022\) Instruction Manual](#)

WORKPRO W023022

WORKPRO 5-in-1 Rivet Gun Set (Model W023022)

Instruction Manual

1. SAFETY INFORMATION

Always observe basic safety precautions when using power tools to reduce the risk of personal injury. Read and understand all instructions before operating this tool.

- **Eye Protection:** Always wear ANSI-approved safety goggles or safety glasses with side shields.
- **Hand Protection:** Wear appropriate work gloves to protect hands from sharp edges and pinch points.
- **Work Area:** Keep the work area clean, well-lit, and free of clutter. Ensure proper ventilation.
- **Secure Workpiece:** Always secure the material being riveted to prevent movement during operation.
- **Tool Condition:** Inspect the tool before each use. Do not use if damaged.
- **Proper Use:** Use the tool only for its intended purpose. Do not modify the tool.
- **Children and Bystanders:** Keep children and bystanders away from the work area.

2. PRODUCT OVERVIEW

The WORKPRO 5-in-1 Rivet Gun Set is a heavy-duty hand riveter designed for efficient and reliable fastening. It features an innovative design that maximizes leverage, reducing the effort required for riveting tasks. The tool comes with multiple interchangeable nosepieces and a supply of rivets to suit various applications.

Key Features:

- **High Efficiency & Labor-Saving:** Designed with an infinite transmission system, this rivet gun maximizes its transfer ratio up to 40 times, significantly reducing the effort needed for setting large diameter blind rivets. Its robust construction allows for quick riveting and efficient cutting of the rivet stem without repetitive, strenuous handle operation.

- **Durable Construction:** Features a 2mm (5/64 inch) thickened heat-treated carbon steel body for extended durability and a longer service life. The internal three-jaw steel chuck structure ensures secure fastening and holding of the rivet.
- **Versatile Nosepieces:** Includes 5 popular nosepiece sizes: 2.4mm (3/32 inch), 3.2mm (5/32 inch), 4.0mm (3/16 inch), and 6.4mm (1/4 inch). Four of these are conveniently stored on the tool's grip for easy access. The knurled design allows for tool-free, quick manual nosepiece changes.
- **Comprehensive Rivet Supply:** 100 rivets in 5 different sizes are provided to accommodate a variety of riveting tasks for both outdoor and home projects.
- **Ergonomic Design:** Ergonomic curved handles with a non-slip design ensure comfortable and easy operation. The compact 25 cm body simplifies work in tight or hard-to-reach spaces, such as gutters, furniture, drawers, and small cases. Its portable size makes it convenient to carry.



Image 2.1: WORKPRO 5-in-1 Rivet Gun showing overall dimensions and various nosepiece sizes.

3. SETUP

3.1 Selecting and Changing Nosepieces

The rivet gun comes with five interchangeable nosepieces to accommodate different rivet diameters. Four of these are stored directly on the tool's handles for convenience.

1. **Identify Rivet Size:** Determine the diameter of the rivet you intend to use.
2. **Select Nosepiece:** Choose the nosepiece that matches the rivet diameter. The nosepiece is adjustable to match various rivet sizes.
3. **Remove Current Nosepiece:** Unscrew the currently installed nosepiece by hand. The knurled design allows for tool-free removal.
4. **Install New Nosepiece:** Screw the selected nosepiece firmly into the head of the rivet gun by hand until it is secure.



Image 3.1: Illustration of the tool-free nosepiece removal and the internal three-jaw steel chuck structure.

4. OPERATING INSTRUCTIONS

Follow these steps for proper and safe operation of your WORKPRO Rivet Gun.

1. **Prepare Workpiece:** Drill a hole through the materials to be joined. The hole diameter should be slightly larger than the rivet body, allowing the rivet to pass through easily but without excessive play.
2. **Insert Rivet:** Insert the rivet's stem into the selected nosepiece of the rivet gun. Ensure the rivet head is flush against the nosepiece.
3. **Position Rivet:** Place the rivet body through the prepared hole in the workpiece. Ensure the rivet head is flat against the surface of the material.
4. **Operate Tool:** Firmly squeeze the handles of the rivet gun together. You will feel resistance as the tool pulls the rivet stem, causing the rivet body to expand and form a secure joint. Continue squeezing until the rivet stem snaps off.
5. **Remove Tool:** Release the handles and pull the rivet gun away from the newly set rivet. The broken rivet stem should fall out of the tool. If it remains stuck, refer to the troubleshooting section.



1
Insert a rivet into the nosepiece



2
Insert the rivet into the hole



3
Press the handle



4
Draw back the rivet tool

Image 4.1: Four-step process for setting a rivet: 1. Insert rivet into nosepiece, 2. Insert rivet into hole, 3. Press the handle, 4. Draw back the rivet tool.



Image 4.2: Rivet gun being used to fasten components.

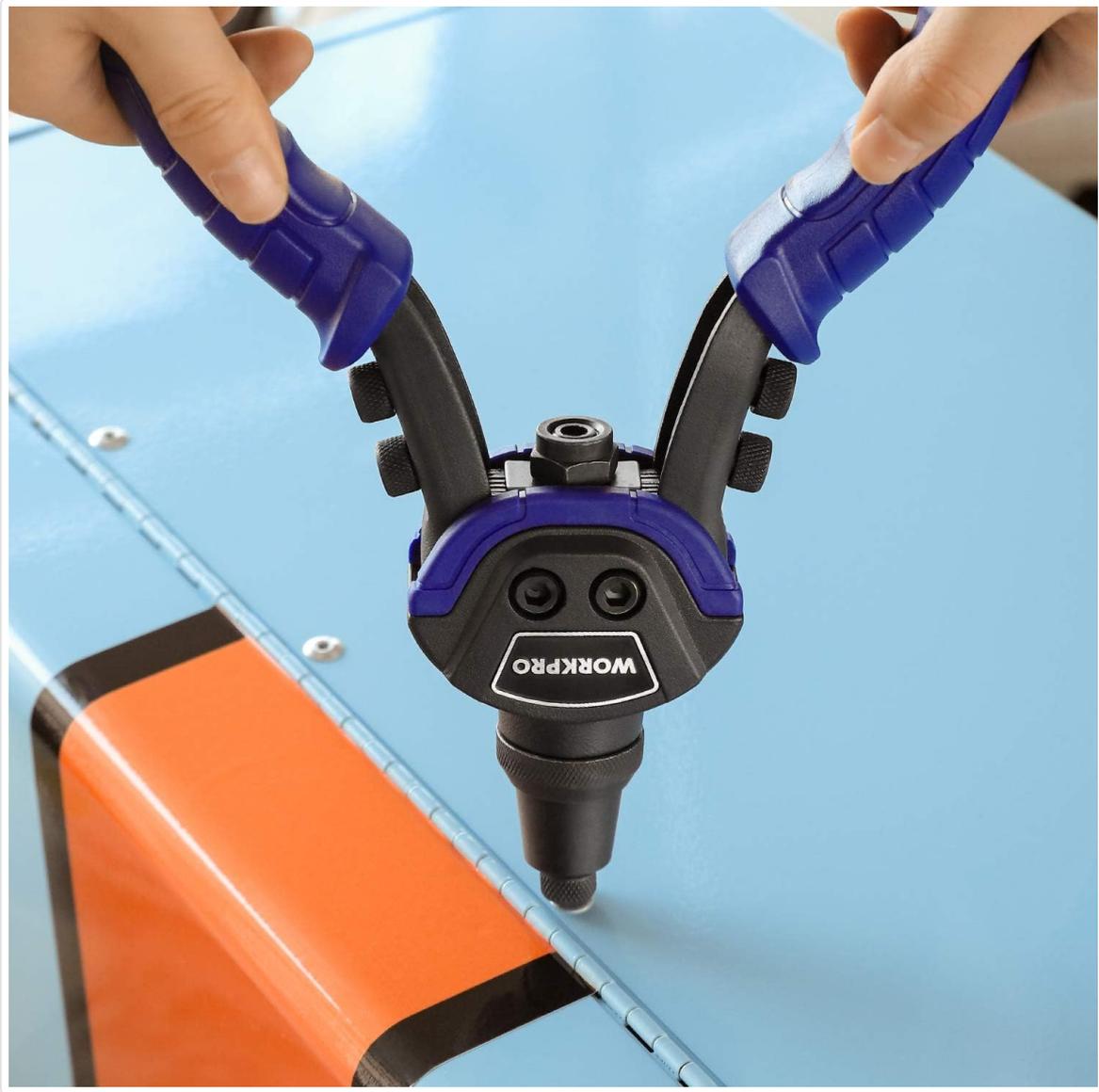


Image 4.3: Top view of the rivet gun in operation.



Image 4.4: Rivet gun being used in a tight corner, demonstrating its compact design.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your rivet gun.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dust, debris, or metal shavings.
- **Jaw Inspection:** Periodically inspect the internal three-jaw steel chuck structure for wear or damage. Worn jaws can lead to rivets not setting properly or stems getting stuck. Replace jaws if necessary.
- **Lubrication:** Apply a small amount of light machine oil to the pivot points and the internal jaw mechanism occasionally to ensure smooth operation.
- **Storage:** Store the rivet gun in a dry, clean place, away from moisture and extreme temperatures. Keep all nosepieces and rivets organized to prevent loss.

6. TROUBLESHOOTING

Here are some common issues and their solutions:

- **Rivet Stem Stuck:** If the rivet stem (pin) gets stuck and refuses to eject, especially with smaller rivet sizes, try the following:
 - a. Remove the current nosepiece.
 - b. Mount the largest size nosepiece onto the tool.
 - c. Open and close the rivet tool handles. The stuck pin should now fall out.
- **Rivet Not Setting Properly:**
 - Ensure the correct nosepiece size is used for the rivet.
 - Verify that the hole drilled in the workpiece is the correct size for the rivet.
 - Apply sufficient force when squeezing the handles.
 - Inspect the internal jaws for wear; replace if necessary.
- **Handles Stiff or Squeaky:** Apply a small amount of light machine oil to the pivot points of the handles.

7. SPECIFICATIONS

Manufacturer	Hang Zhou Great Star Industrial Co.,LTD
Item Number	W023022
Product Dimensions	26.5 x 14.5 x 4 cm
Weight	760 g
Size	10-inch
Color	Blue
Material	Carbon steel, TPR/PVC
Number of Item Packages	1
Number of Handles	2
Included Components	10" Rivet Gun
Batteries Included	No
Batteries Required	No

8. WARRANTY INFORMATION

Specific warranty details for this product are not provided in the available information. For warranty claims or inquiries, please retain your proof of purchase and contact the manufacturer or your retailer directly. General warranty terms typically cover defects in materials and workmanship for a specified

period from the date of purchase.

9. SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact WORKPRO customer service or visit their official website. Contact information can usually be found on the product packaging or the manufacturer's website.

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