

Manuals.plus /

- › 18" Double Core-pulling Hand Rivet Gun Heavy Duty Riveting Hand Riveter Rivets Tool /
- › 18" Double Core-Pulling Hand Rivet Gun Heavy Duty Riveting Hand Riveter Rivets Tool Instruction Manual

## 18" Double Core-pulling Hand Rivet Gun Heavy Duty Riveting Hand Riveter Rivets Tool 18" Double Core-pulling Hand

# 18" Double Core-Pulling Hand Rivet Gun Instruction Manual

Model: 18" Double Core-pulling Hand

## INTRODUCTION

---

This manual provides comprehensive instructions for the safe and effective operation, maintenance, and troubleshooting of the 18" Double Core-Pulling Hand Rivet Gun. Please read this manual thoroughly before using the tool to ensure proper function and safety.

## SAFETY INSTRUCTIONS

---

- Always wear appropriate personal protective equipment (PPE), including safety glasses, when operating the rivet gun.
- Ensure the workpiece is securely clamped before riveting.
- Do not use the rivet gun for purposes other than its intended use.
- Keep hands and fingers clear of the riveting mechanism during operation.
- Store the tool in a dry, safe place away from children and unauthorized users.
- Inspect the tool for any damage or wear before each use. Do not use if damaged.

## PRODUCT OVERVIEW AND COMPONENTS

---

The 18" Double Core-Pulling Hand Rivet Gun is designed for heavy-duty riveting applications, utilizing 2.4mm to 5mm diameter aluminum alloy rivets. Its robust construction ensures durability and efficient performance.



Figure 1: General view of the 18" Double Core-Pulling Hand Rivet Gun.



Figure 2: Key components of the rivet gun. Features include an aluminum alloy riveter head, a built-in strength alloy steel gripper muzzle, an automatic rebound spring, a thickened aluminum alloy tube, and non-slip PVC handles for comfortable and secure grip.

## SPECIFICATIONS

---

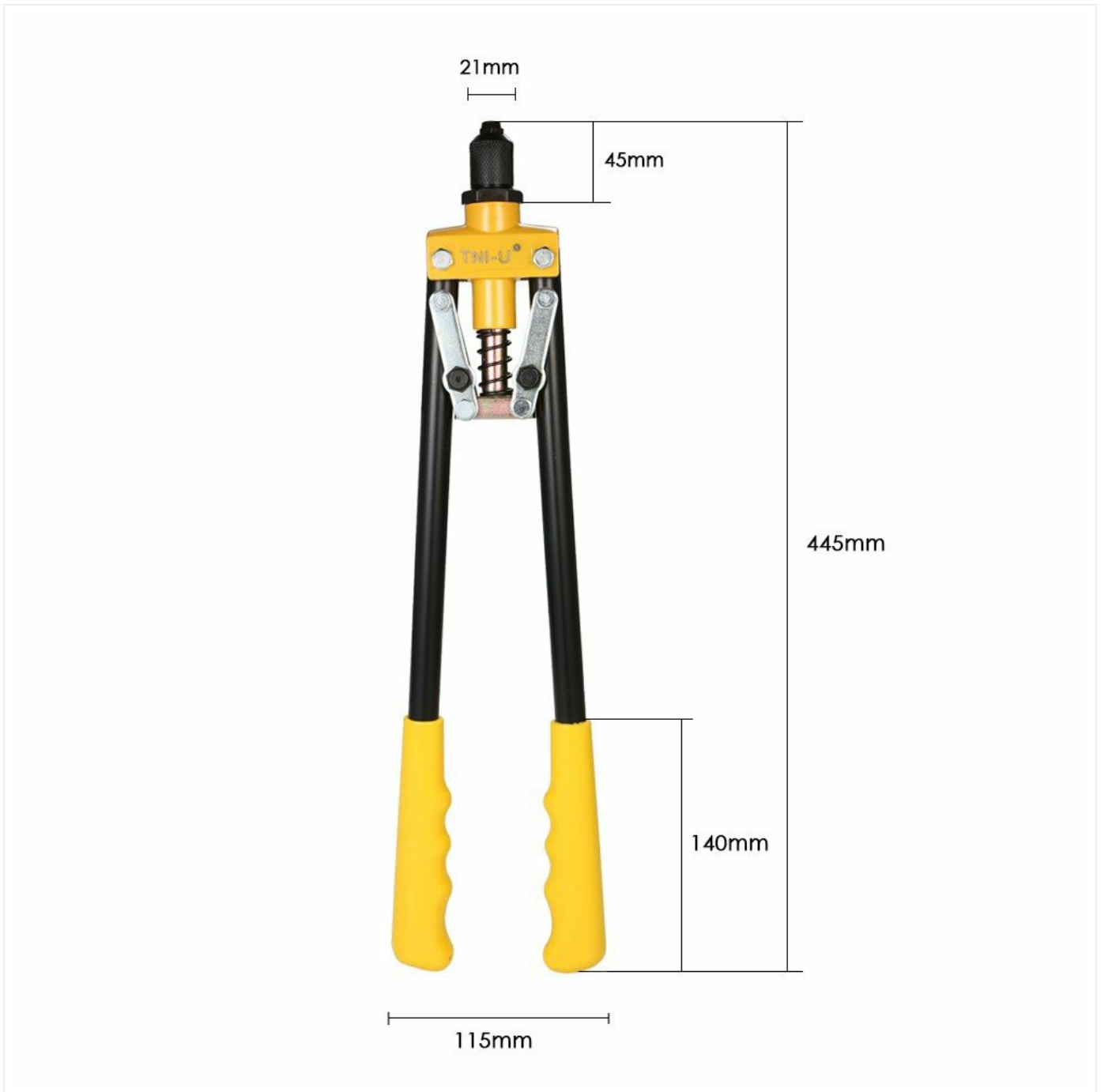


Figure 3: Dimensional specifications of the rivet gun.

Specification	Value
Color	Yellow + Black
Material	Aluminum Alloy
Surface Treatment	Frosted and Spraying Plastics
Power Source	Manual
Type	Double Core-pulling Hand Riveting Gun
Pulling Rivet Range	2.4mm - 5mm
Item Size (Approx.)	445 * 125 * 40mm (17.52 * 4.92 * 1.57in)
Item Weight (Approx.)	832g (29.36oz)

## SETUP

1. **Unpacking:** Carefully remove the rivet gun from its packaging. Inspect for any visible damage during transit.
2. **Nozzle Selection:** Identify the correct nozzle size for the rivet diameter you intend to use (2.4mm to 5mm). The rivet gun typically comes with multiple interchangeable nozzles. Select the one that matches your rivet.
3. **Nozzle Installation:** Screw the selected nozzle firmly onto the head of the rivet gun. Ensure it is tightened securely to prevent loosening during operation.

## OPERATING INSTRUCTIONS

Follow these steps for proper and safe operation of the rivet gun:



Figure 4: Visual guide for the riveting process.

1. **Prepare the Workpiece:** Drill a hole in the material where the rivet is to be placed. The hole size should match the diameter of the rivet body.

2. **Insert Rivet:** Insert the rivet into the prepared hole in the workpiece. Ensure the rivet head is flush against the material surface.
3. **Load Rivet Gun:** Open the handles of the rivet gun fully. Insert the mandrel (the pin part) of the rivet into the nozzle of the rivet gun until it is securely seated.
4. **Rivet Application:** Place the nozzle of the rivet gun firmly against the head of the rivet, ensuring it is perpendicular to the workpiece.
5. **Squeeze Handles:** Squeeze the handles of the rivet gun together firmly and steadily. You may need to squeeze multiple times depending on the rivet size and material thickness. The tool will pull the mandrel, causing the rivet body to expand and form a secure joint.
6. **Mandrel Break-off:** Continue squeezing until the mandrel breaks off, indicating that the rivet has been properly set. The broken mandrel will be ejected from the back of the rivet gun or can be removed manually.
7. **Release and Repeat:** Release the handles to reset the tool for the next rivet.

## MAINTENANCE

---

- **Cleaning:** After each use, wipe down the rivet gun with a clean, dry cloth to remove any dust or debris.
- **Lubrication:** Periodically apply a small amount of light machine oil to the moving parts, such as the pivot points and the jaw mechanism, to ensure smooth operation and prevent rust.
- **Nozzle Inspection:** Regularly check the nozzles for wear or damage. Replace worn nozzles to ensure proper rivet setting.
- **Storage:** Store the rivet gun in a dry environment to prevent corrosion. Keep the handles closed to protect the jaw mechanism.

## TROUBLESHOOTING

---

Problem	Possible Cause	Solution
Rivet mandrel does not break off.	Insufficient squeezing force; incorrect nozzle size; worn jaws.	Apply more force; ensure correct nozzle is used; inspect and replace jaws if worn.
Rivet gun jams or feels stiff.	Lack of lubrication; debris in mechanism.	Clean and lubricate all moving parts; remove any foreign objects.
Rivet pulls through the material.	Hole drilled too large; incorrect rivet type for material thickness.	Ensure correct hole size; use appropriate rivet for material.
Mandrel does not eject.	Jaws not releasing properly; debris.	Lubricate jaws; clear any obstructions.

## WARRANTY AND SUPPORT

---

Information regarding product warranty and customer support is not provided within this manual. Please refer to the product packaging or the point of purchase for details on warranty coverage and how to contact customer service for assistance.

