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> [Yato YT-36140 Hand Riveter Nut M3-M6 Instruction Manual](#)

Yato YT-36140

Yato YT-36140 Hand Riveter Nut M3-M6 Instruction Manual

1. PRODUCT OVERVIEW

The Yato YT-36140 is a manual hand riveter designed for setting rivet nuts in sizes M3, M4, M5, and M6. This tool is used to create a threaded insert in materials, allowing for the attachment of additional components using screws or bolts. It features a durable construction made from CrMo chrome-molybdenum tool steel and handles with a non-slip rubber lining for secure grip.



Image 1.1: The Yato YT-36140 Hand Riveter, showcasing its red body, black handles, and adjustable head.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Yato YT-36140 Hand Riveter Nut M3-M6
- Interchangeable heads for M3, M4, M5, M6 rivet nuts (pre-installed or included separately)



Image 2.1: The Yato YT-36140 Hand Riveter shown in its retail packaging, indicating the model number and brand.

3. SPECIFICATIONS

Feature	Specification
Model Number	YT-36140
Rivet Nut Sizes	M3, M4, M5, M6
Material	CrMo Chrome-Molybdenum Tool Steel
Handle Material	Non-slip rubber lining
Item Weight	300 g
Product Dimensions (LxWxH)	5 x 5 x 4 cm (approximate)

4. SETUP

1. **Select the Correct Mandrel and Nosepiece:** Identify the appropriate mandrel and nosepiece for the

rivet nut size (M3, M4, M5, or M6) you intend to use. The tool comes with interchangeable heads for these sizes.

2. **Install the Mandrel:** Unscrew the existing mandrel (if any) from the riveter. Thread the chosen mandrel into the riveter's head until it is securely fastened.
3. **Install the Nosepiece:** Place the corresponding nosepiece over the mandrel and secure it. Ensure both components are tightened properly to prevent loosening during operation.
4. **Prepare the Rivet Nut:** Thread the rivet nut onto the installed mandrel until it sits flush against the nosepiece.

5. OPERATING INSTRUCTIONS

Follow these steps to properly set a rivet nut:

1. **Drill Hole:** Drill a hole in the material where the rivet nut is to be installed. The hole size must match the diameter of the rivet nut body.
2. **Insert Rivet Nut:** Insert the rivet nut, which is threaded onto the riveter's mandrel, into the drilled hole. Ensure the flange of the rivet nut is flush against the material surface.
3. **Operate Riveter:** Firmly squeeze the handles of the riveter together. This action pulls the mandrel, deforming the rivet nut and creating a secure, threaded anchor on the blind side of the material. Continue squeezing until resistance is felt and the rivet nut is fully set.
4. **Release and Remove:** Once the rivet nut is set, release the handles. Unscrew the riveter from the newly installed rivet nut by rotating the tool counter-clockwise.
5. **Inspect:** Verify that the rivet nut is securely fastened and properly formed.

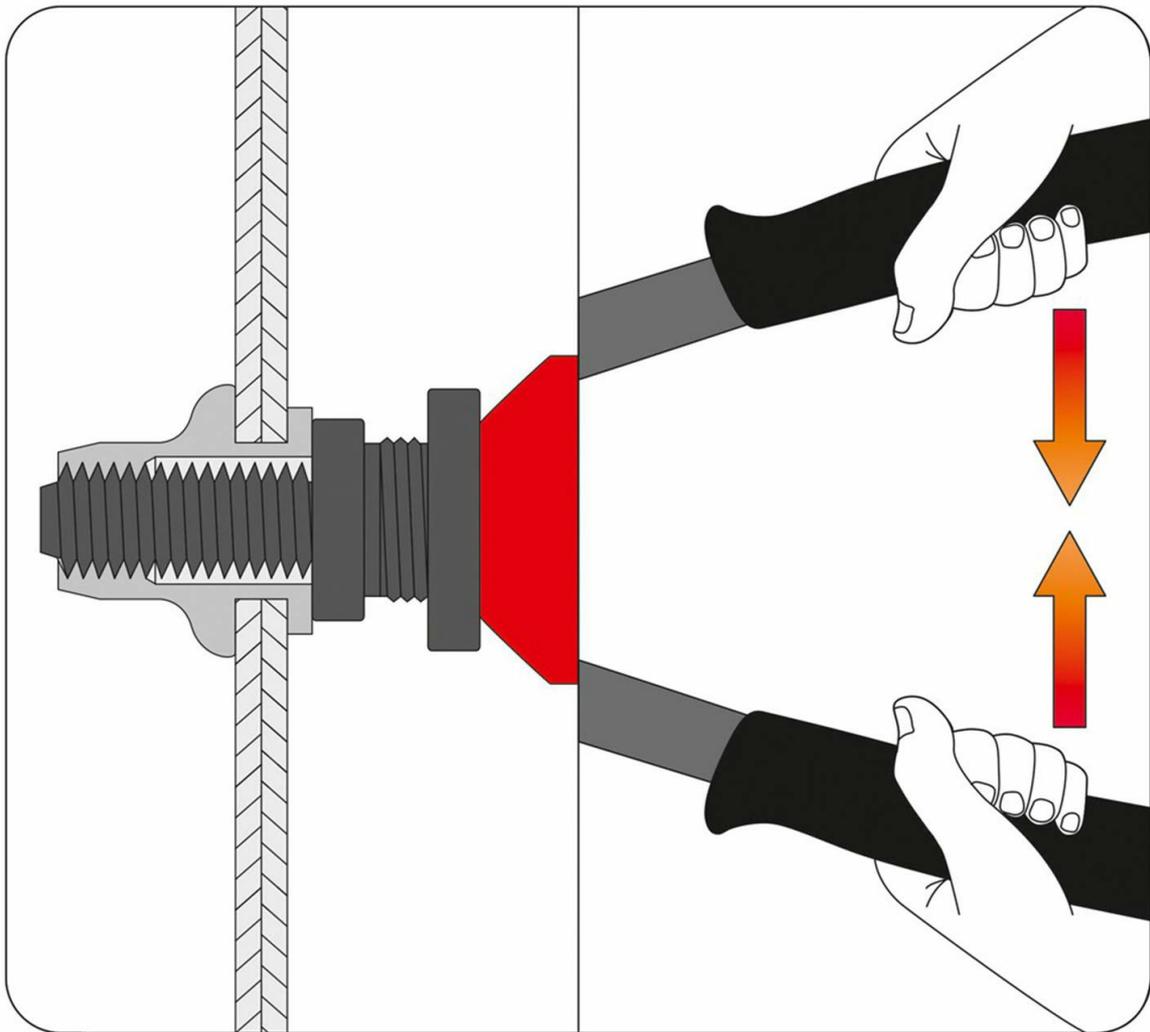


Image 5.1: Diagram illustrating the process of setting a rivet nut with a hand riveter. The image shows the tool pulling the mandrel to deform the rivet nut against the material.

6. MAINTENANCE

- **Cleaning:** After each use, wipe the riveter clean with a dry cloth to remove any dust or debris.
- **Lubrication:** Periodically apply a small amount of light machine oil to the moving parts and pivot points to ensure smooth operation.
- **Storage:** Store the riveter in a dry place, away from moisture and corrosive environments, to prevent rust and damage. Keep all mandrels and nosepieces organized.
- **Inspection:** Regularly inspect the tool for any signs of wear, damage, or loose components. Replace worn parts as necessary.

7. TROUBLESHOOTING

- **Rivet Nut Not Setting Properly:**
 - Ensure the correct mandrel and nosepiece are installed for the rivet nut size.
 - Verify that the rivet nut is fully threaded onto the mandrel before insertion.
 - Apply sufficient force when squeezing the handles.

- Check if the material thickness is within the rivet nut's specified grip range.
- **Mandrel Jams or Breaks:**
 - Do not over-tighten the rivet nut during installation, as this can stress the mandrel.
 - Ensure the mandrel is clean and free of debris.
 - Replace worn or damaged mandrels immediately.
- **Difficulty Removing Riveter from Set Nut:**
 - Ensure the riveter is unscrewed counter-clockwise from the rivet nut after setting.
 - Check for any burrs or damage on the rivet nut's threads or the mandrel.

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Yato YT-36140 Hand Riveter, please refer to the documentation provided with your purchase or contact Yato customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: Yato Tools(Shanghai)Co. Ltd

Country of Origin: China