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› CCLIFE Professional Rivet Nut Gun Kit M3-M10 Instruction Manual

CCLIFE 2526

CCLIFE Professional Rivet Nut Gun Kit M3-M10 Instruction Manual

Model: 2526

1. PRODUCT OVERVIEW

The CCLIFE Professional Rivet Nut Gun Kit is designed for efficient and reliable installation of rivet nuts. This tool features high-quality alloy components, with a gun head that undergoes high-frequency quenching for enhanced hardness and durability. Its robust construction ensures a strong grip and firm bite, preventing damage during use. The manual rivet gun incorporates a rotating rivet nut reset device for smooth operation and quick release of rivet nuts.

Ergonomically designed long handles with comfortable rubber grips provide sufficient leverage, making it easy to install rivet nuts and reducing user fatigue. This comprehensive kit is suitable for a wide range of fastening tasks involving metal plates, tubes, and other processing industry applications. It is commonly used in various sectors including elevators, switches, instrumentation, furniture, and decoration.

The kit includes the rivet nut gun, 6 interchangeable mandrels, and a total of 240 rivet nuts in various sizes: 30 pieces each of M3, M5, M8, M10, and 60 pieces each of M4 and M6.



Image 1.1: Overview of the CCLIFE Professional Rivet Nut Gun Kit, including the gun, mandrels, and a selection of rivet nuts.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the rivet nut gun. Failure to follow these instructions may result in injury or damage to the tool.

- **Wear Eye Protection:** Always wear ANSI-approved safety goggles or safety glasses with side shields when operating the tool.
- **Hand Protection:** Wear appropriate work gloves to protect your hands from sharp edges and pinch points.
- **Work Area:** Ensure your work area is clean, well-lit, and free from obstructions. Keep bystanders, especially children, away from the work area.
- **Tool Condition:** Inspect the tool before each use. Do not use if any parts are damaged, loose, or missing.
- **Correct Mandrel:** Always use the correct size mandrel for the rivet nut being installed. Using an incorrect size can damage the tool or the fastener.

- **Secure Workpiece:** Ensure the material you are working on is securely clamped or held to prevent movement during riveting.
- **Avoid Over-tightening:** Do not apply excessive force beyond what is required to set the rivet nut. Over-tightening can strip the rivet nut or damage the tool.
- **Storage:** Store the tool and accessories in their case in a dry, secure place, out of reach of children.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your kit:

- 1 x CCLIFE Rivet Nut Gun
- 6 x Interchangeable Mandrels (M3, M4, M5, M6, M8, M10)
- 240 x Rivet Nuts (30x M3, 60x M4, 30x M5, 60x M6, 30x M8, 30x M10)
- 1 x Multi-function Wrench
- 1 x Storage Case



Image 3.1: All components of the CCLIFE Rivet Nut Gun Kit, including the gun, various mandrels, 240 rivet nuts, a wrench, and the storage case.

4. SETUP AND MANDREL CHANGING

Before using the rivet nut gun, ensure the correct mandrel size is installed for your application.

4.1. Changing Mandrels

1. **Step 1:** Loosen the knurled collar at the front of the gun head by turning it counter-clockwise.
2. **Step 2:** Use the provided multi-function wrench to unscrew the existing mandrel by turning it counter-clockwise.
3. **Step 3:** Remove the old mandrel.
4. **Step 4:** Select the desired new mandrel size (e.g., M6).
5. **Step 5:** Screw the new mandrel clockwise into the gun head until it is finger-tight.
6. **Step 6:** Tighten the knurled collar clockwise to secure the mandrel in place.

HOW TO CHANGE



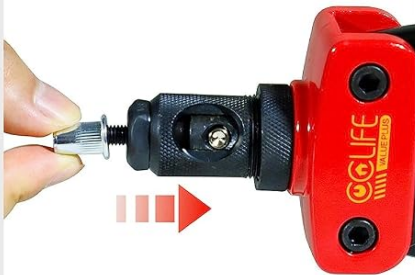
5. OPERATING INSTRUCTIONS

Follow these steps to properly install a rivet nut using the CCLIFE Rivet Nut Gun:

1. **Step 1: Install Rivet Nut:** Thread the appropriate size rivet nut onto the installed mandrel. Ensure the arms of the tool are fully open.
2. **Step 2: Insert into Hole:** Insert the rivet nut, with the tool attached, into the pre-drilled hole in your workpiece.
3. **Step 3: Compress Arms:** Firmly press the handles of the rivet nut gun together. This action will compress the rivet nut, forming a secure thread on the backside of the material.
4. **Step 4: Repeat for Tightness:** Repeat the compression action (Steps 2 and 3) at least 2-3 times to ensure the rivet nut is fully tightened and securely set in place.
5. **Step 5: Unload Tool:** Once the rivet nut is securely set, turn the rod at the front of the gun head counter-clockwise to release the mandrel from the installed rivet nut.

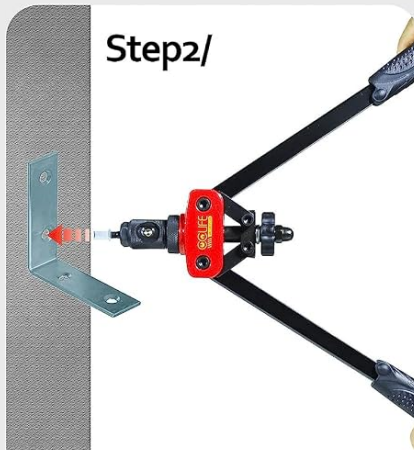
HOW TO USE

Step1/



Install the nut on the mandrel (Make sure the arms are opened completely)

Step2/



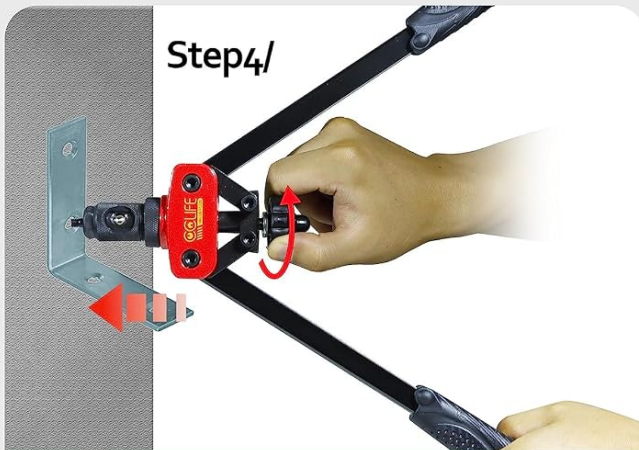
Press the arms to rivet thenut in place

Step3/



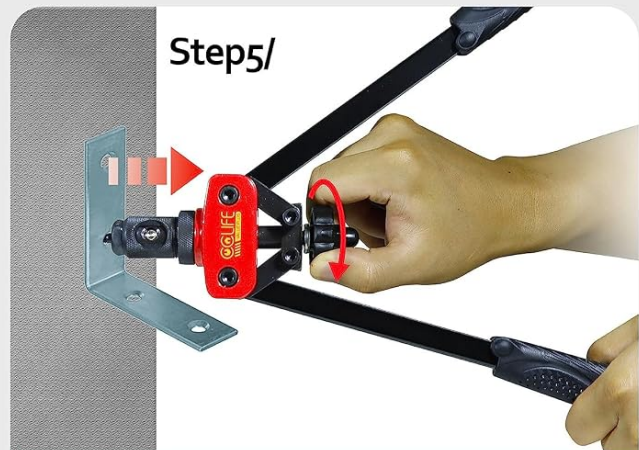
Insert the rivet nut into the hole

Step4/



Repeat Step 2,3,4 at least 2-3 times to ensure that the nut is fully tightened

Step5/



Turn the rod to unload the rivet gun

Image 5.1: Visual instructions demonstrating the process of installing a rivet nut using the tool, from loading the nut to unloading the gun.

6. MAINTENANCE

Proper maintenance will extend the life of your CCLIFE Rivet Nut Gun.

- **Cleaning:** After each use, wipe down the tool 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 and pivot points to ensure smooth operation.
- **Inspection:** Regularly inspect mandrels for wear or damage. Replace worn mandrels to ensure proper rivet nut installation and prevent damage to the tool.
- **Storage:** Store the tool and all accessories in the provided storage case in a dry environment to prevent rust and corrosion.

7. TROUBLESHOOTING

If you encounter issues while using your rivet nut gun, refer to the following common problems and solutions:

- **Rivet nut not setting properly:**
 - Ensure the correct mandrel size is used for the rivet nut.
 - Verify that the rivet nut is fully threaded onto the mandrel before insertion.
 - Apply sufficient force to the handles and repeat the compression action 2-3 times.
 - Check the material thickness; some rivet nuts have specific grip ranges.
- **Mandrel getting stuck in rivet nut:**
 - Ensure the mandrel is properly lubricated.
 - Do not over-tighten the rivet nut; excessive force can deform the mandrel.
 - Ensure the rod is fully turned counter-clockwise to unload the tool after setting the rivet nut.
- **Difficulty changing mandrels:**
 - Ensure the knurled collar is fully loosened.
 - Use the provided multi-function wrench for leverage if necessary.
 - Check for debris or damage in the threads.

8. SPECIFICATIONS

Feature	Specification
Brand	CCLIFE
Model Number	2526
Product Dimensions (L x W x H)	39 x 20 x 6.5 cm
Weight	2.64 kg
Tool Material	Alloy Steel
Handle Material	Rubber

Feature	Specification
Rivet Nut Sizes Included	M3, M4, M5, M6, M8, M10
Total Rivet Nuts	240 pieces (30x M3, 60x M4, 30x M5, 60x M6, 30x M8, 30x M10)
Country of Origin	China

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support for this product is not available in the provided details. Please refer to the product packaging or contact CCLIFE customer service directly for warranty claims or technical assistance.

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