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› NEXTACK NT700 Rivnut Tool Kit User Manual

## NEXTACK NT700

# NEXTACK NT700 Rivnut Tool Kit User Manual

Comprehensive Instructions for Setup, Operation, and Maintenance

## 1. INTRODUCTION

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The NEXTACK NT700 Rivnut Tool Kit is designed for installing threaded rivet nuts (rivnuts) in various materials such as metal, fiberglass, and plastic. This robust hand riveter provides a reliable solution for creating strong, load-bearing threads in thin materials where tapping is not suitable. This manual will guide you through the proper use and care of your NT700 tool kit.

### Package Contents

Your NEXTACK NT700 Rivnut Tool Kit includes the following components:

- 1 x NEXTACK NT700 Rivnut Tool
- 120 x Rivet Nuts (Nutserts) in various sizes
- 8 x Mandrels (4 SAE: 10-24, 1/4-20, 5/16-18, 3/8-16; 4 Metric: M5, M6, M8, M10)
- 1 x Step Drill Bit
- 1 x Wrench
- 1 x Robust BMC Carrying Case



Figure 1: Overview of the NEXTACK NT700 Rivnut Tool Kit and its included components.



Figure 2: Detailed view of the comprehensive riveting kit, showing the rivnut tool, step drill bit, and various SAE and Metric mandrels and nuts.

## 2. SETUP

Before using the rivnut tool, ensure the correct mandrel is installed for your chosen rivet nut size. The tool features a modular design for easy mandrel changes.

### Mandrel Changing Procedure

1. **Remove the Sleeve:** Unscrew the outer sleeve from the tool head.
2. **Access the Mandrel:** Snap the inner hexagonal socket, pull it down, and then unscrew the currently installed mandrel.
3. **Install New Mandrel:** Select the appropriate mandrel size for your rivet nut. Screw the new mandrel into place.
4. **Secure the Sleeve:** Open the two handles of the tool and screw the sleeve back onto the tool head until it is finger-tight.

# QUICK MANDREL CHANGING

No Hassle of Adjusting Stroke



Figure 3: Visual guide illustrating the four steps for quickly changing mandrels on the NEXTACK NT700 rivnut tool.

## 3. OPERATING INSTRUCTIONS

Follow these steps for proper and effective installation of rivet nuts using your NEXTACK NT700 tool.

1. **Drill the Hole:** Use the supplied step drill bit to create a hole in the workpiece. Ensure the hole size matches the diameter of the rivet nut body.
2. **Prepare the Tool:** Open the handles of the rivnut tool. Screw the chosen rivet nut onto the installed mandrel until it is snug.
3. **Insert Rivnut:** Insert the rivet nut, attached to the tool, into the pre-drilled hole in the workpiece.
4. **Deform the Rivnut:** Close the handles of the tool firmly. Repeat this action 2 to 3 times until the rivet nut is securely deformed and seated in the workpiece. The long ergonomic handles provide maximum leverage for this process.
5. **Release the Rivnut:** Screw the knob on the tool head counter-clockwise to release the mandrel from the installed rivet nut.
6. **Attach Component:** You can now attach another component to the workpiece using a bolt threaded into the

newly installed rivet nut.



Figure 4: Step-by-step visual guide for using the NEXTACK NT700 rivnut tool to install a rivet nut and attach a component.

# ERGONOMIC LONG HANDLES

Increase Comfort & Enhance Leverage



Figure 5: Illustration highlighting the ergonomic long handles of the rivnut tool, designed to increase comfort and enhance leverage during operation.

**FEEL THE DEFORMATION OF RIVNUT  
ENJOY THE PASSION OF CREATIVE**



Figure 6: The rivnut tool being operated to deform a rivet nut, demonstrating the process of creating a secure threaded insert.

## 4. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your NEXTACK NT700 Rivnut Tool Kit.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any dust, debris, or metal shavings.
- **Lubrication:** Periodically apply a light machine oil to the pivot points and threaded parts of the tool to ensure smooth operation.
- **Mandrel Inspection:** Regularly inspect mandrels for wear or damage. Mandrels are consumable parts and can be damaged by uneven pressure or improper use. Replace worn or damaged mandrels promptly to prevent issues during riveting.
- **Storage:** Store the tool and all components in the provided robust BMC carrying case in a dry, clean environment to protect them from moisture and impact.

## 5. TROUBLESHOOTING

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If you encounter issues while using your NEXTACK NT700 Rivnut Tool, consider the following common problems and solutions:

- **Rivet Nut Not Deforming Properly:**

- Ensure the correct mandrel size is installed for the rivet nut.
- Verify the hole size in the workpiece is appropriate for the rivet nut.
- Apply sufficient force by fully closing the tool handles 2-3 times.

- **Mandrel Getting Stuck or Breaking:**

- This often indicates improper use or excessive force. Ensure the rivet nut is fully screwed onto the mandrel before insertion.
- Avoid uneven pressure during operation.
- Inspect the mandrel for damage; replace if necessary. Replacement mandrels are available from NEXTACK.

- **Difficulty Releasing Rivet Nut:**

- Ensure the knob on the tool head is fully unscrewed counter-clockwise to release the mandrel.
- Check for any debris or binding in the threading.

- **Tool Handles Stiff:**

- Apply lubrication to the pivot points and threaded components as part of routine maintenance.

## 6. SPECIFICATIONS

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Key technical specifications for the NEXTACK NT700 Rivnut Tool Kit:

Feature	Specification
Model Number	NT700
Tool Length	Approximately 33 cm (13 inches)
Mandrel Sizes Included	SAE: 10-24, 1/4-20, 5/16-18, 3/8-16 Metric: M5, M6, M8, M10
Rivet Nuts Included	120 pieces (various sizes)
Construction Materials	High-strength chrome steel mandrels, premium aluminum alloy housing, reinforced alloy steel handles with anti-slip rubber grips
Package Dimensions	37.39 x 18.69 x 10.01 cm
Package Weight	2.72 kg

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Figure 7: Close-up view highlighting the robust construction features of the NEXTACK NT700, including high-strength chrome steel mandrels, premium aluminum housing, and reinforced alloy steel handles.

# COMPACT PORTABLE STORAGE

Organize Everything in Precise Slot



Figure 8: The compact and portable BMC carrying case, designed to organize and protect all components of the NEXTACK NT700 Rivnut Tool Kit for easy transport and storage.

## 7. WARRANTY AND SUPPORT

For specific warranty information regarding your NEXTACK NT700 Rivnut Tool Kit, please refer to the documentation provided at the time of purchase or contact the seller directly. NEXTACK is committed to providing quality tools and customer satisfaction.

### Customer Support

If you have any questions, require technical assistance, or need to purchase replacement parts (such as mandrels), please contact NEXTACK customer support through the retailer where the product was purchased or visit the official NEXTACK website for contact information.

