

NEXTACK NT300

NEXTACK NT300 Heavy Duty Rivet Gun Kit User Manual

Model: NT300

INTRODUCTION

The NEXTACK NT300 heavy-duty hand riveter is engineered for efficient and reliable riveting tasks. This tool is designed to work with large diameter blind rivets, accommodating sizes up to 6.4mm (1/4 inch). It is suitable for a wide range of applications, from general DIY projects and home decoration to specialized metalwork, gutter installation, and vehicle modifications for off-road vehicles, RVs, vans, and kayaks.

The NT300 kit provides a comprehensive solution, including the professional hand riveter, 350 assorted aluminum rivets, and 5 interchangeable nosepieces, ensuring you have the right tools for various riveting needs.

PRODUCT FEATURES

- **1/4 inch Riveting Capacity:** Designed to handle blind rivets up to 6.4mm (1/4 inch) with ease.
- **Ergonomic Long Handles:** Reinforced handles maximize leverage, reducing effort during operation.
- **Modular Detachable Design:** Allows for tool-free nosepiece changes, disassembly, and maintenance.
- **Integrated Mandrel Collection Bottle:** Safely collects used rivet mandrels, keeping your workspace clean.
- **Robust and Durable Construction:** Features cold-formed, heat-treated carbon steel spring handles and a high-strength aluminum alloy housing for extended lifespan.
- **Versatile Nosepieces:** Includes 5 nosepiece sizes: 6.4mm (1/4"), 4.8mm (3/16"), 4.0mm (5/32"), 3.2mm (1/8"), and 2.4mm (3/32").
- **Assorted Rivet Kit:** Comes with 350 aluminum rivets in 8 assorted sizes, organized in a compartmentalized box.

PACKAGE CONTENTS

The NEXTACK NT300 Rivet Gun Kit includes the following items:

- 1 x NEXTACK NT300 Heavy Duty Hand Riveter
- 5 x Interchangeable Nosepieces (2.4mm, 3.2mm, 4.0mm, 4.8mm, 6.4mm)
- 1 x Mandrel Collection Bottle (pre-installed)
- 350 x Assorted Aluminum Rivets (8 sizes)
- 1 x Compartmentalized Rivet Storage Box

ALL IN ONE CONVENIENCE

5 in 1 Rivet Gun with 8 Size Rivet kit



Image: The complete NEXTACK NT300 Rivet Gun Kit, showing the riveter, assorted rivets in a storage box, and interchangeable nosepieces.

SAFETY INFORMATION

Always observe the following safety precautions when using the NEXTACK NT300 Rivet Gun:

- Wear appropriate personal protective equipment (PPE), including safety glasses, to protect against flying debris.
- Ensure the workpiece is securely clamped or held before riveting.
- Do not use the riveter for purposes other than its intended use.
- Keep hands and fingers clear of the riveter jaws and moving parts during operation.
- Store the tool in a dry, secure place, out of reach of children.
- Inspect the tool for any damage before each use. Do not use a damaged tool.

SETUP

1. Selecting the Correct Nosepiece

Choose a nosepiece that matches the diameter of the rivet you intend to use. The kit includes five nosepiece sizes: 2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32"), 4.8mm (3/16"), and 6.4mm (1/4").



Nosepieces						
Drill/Hole Size		2.6mm	3.4mm	4.2mm	5.0mm	6.6mm
Rivet Material	Aluminium	✓	✓	✓	✓	✓
	Carbon Steel	✓	✓	✓	✓	✓
	Stainless Steel	✓	✓	✓	✓	✓

Image: A visual guide to selecting the correct nosepiece based on rivet diameter and material compatibility (Aluminum, Carbon Steel, Stainless Steel).

2. Changing Nosepieces

1. Unscrew the currently installed nosepiece from the riveter head.
2. Select the appropriate nosepiece for your rivet size.
3. Screw the new nosepiece firmly into the riveter head until it is secure. No tools are required for this process.

MODULAR DETACHABLE DESIGN

Easy & Toolless to Use and Maintain



Image: Illustration of the modular design, demonstrating how to detach and attach nosepieces and the mandrel collection bottle for easy maintenance.

3. Loading a Rivet

Insert the rivet mandrel into the selected nosepiece until the rivet head rests against the nosepiece.

OPERATING INSTRUCTIONS

- 1. Prepare the Workpiece:** Drill a hole in the materials to be joined that matches the diameter of the rivet body. Ensure the hole is clean and free of burrs.
- 2. Insert the Rivet:** Place the rivet, with its mandrel loaded into the riveter, through the prepared holes in the materials.
- 3. Position the Riveter:** Press the nosepiece firmly against the surface of the material.
- 4. Operate the Handles:** Squeeze the riveter handles together with a steady, firm motion. The tool will pull the rivet mandrel, causing the rivet body to expand and form a secure joint. Continue squeezing until the mandrel snaps off.
- 5. Release and Repeat:** Release the handles. The broken mandrel will be collected in the integrated bottle. If

necessary, repeat the process for additional rivets.



Image: A user demonstrating the operation of the NEXTACK NT300 Rivet Gun, highlighting the ergonomic long handles for maximum leverage.

To Design To DIY To Build with NEXTACK



Image: The NEXTACK NT300 Rivet Gun in action, securely joining components of a metal shelving unit, illustrating a typical application.

MAINTENANCE

1. Cleaning the Mandrel Collection Bottle

The integrated collection bottle gathers broken rivet mandrels. Regularly unscrew the bottle from the riveter head and empty its contents into a suitable waste receptacle. Reattach the bottle securely after emptying.

MODULAR DETACHABLE DESIGN

Easy & Toolless to Use and Maintain



Image: Illustration of the modular design, demonstrating how to detach and attach nosepieces and the mandrel collection bottle for easy maintenance.

2. General Cleaning and Storage

- Wipe down the riveter with a clean, dry cloth after each use to remove any dust or debris.
- Periodically apply a light oil to the pivot points and moving parts to ensure smooth operation.
- Store the riveter and its accessories in the provided storage box in a dry environment to prevent rust and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Rivet mandrel does not break off.	Insufficient force applied; incorrect nosepiece size; rivet material too hard for tool.	Apply more force to the handles; ensure nosepiece matches rivet diameter; verify rivet material is compatible with tool's capacity.

Problem	Possible Cause	Solution
Rivet does not set properly (loose joint).	Incorrect rivet length for material thickness; hole drilled too large.	Use a rivet with appropriate grip range for material thickness; ensure drilled hole matches rivet diameter.
Mandrel jams in the nosepiece.	Debris in nosepiece; worn nosepiece.	Clean the nosepiece thoroughly; replace the nosepiece if it is worn or damaged.
Handles are stiff or difficult to operate.	Lack of lubrication; dirt or rust in pivot points.	Apply a light lubricating oil to all moving parts and pivot points. Clean any visible dirt or rust.

SPECIFICATIONS

Brand	NEXTACK
Model Number	NT300
Rivet Capacity	Up to 6.4mm (1/4 inch)
Nosepiece Sizes Included	2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32"), 4.8mm (3/16"), 6.4mm (1/4")
Compatible Rivet Materials	Aluminum, Carbon Steel, Stainless Steel
Tool Length	Approximately 13 inches (33 cm)
Item Weight	1.95 Kilograms
Construction Material	High-strength aluminum alloy housing, cold-formed heat-treated carbon steel handles

INDUSTRIAL QUALITY

High Strength Aluminum Alloy Housing

Detachable Collet Bottle

5 Interchangeable Nosepieces up to 1/4"

Ergonomic Non-slip PVC Grip

Cold Formed Heat Treated Carbon Steel Handle

Image: Detailed view of the NEXTACK NT300 Rivet Gun, highlighting its industrial quality construction, including the high-strength aluminum alloy housing, ergonomic non-slip PVC grip, 5 interchangeable nosepieces, and cold-formed heat-treated carbon steel handle.

WARRANTY AND SUPPORT

NEXTACK products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the product packaging or contact NEXTACK customer support directly.

If you encounter any issues or have questions about your NEXTACK NT300 Rivet Gun Kit, please contact our customer support team for assistance. Contact details can typically be found on our official website or product documentation.