

DURATL



Rivet Nut Tool Kit

DT-600

User Manual

Contents

Product Overview	1
After-Sales Support	1
Features	2
Rivet Nut Chart	3
Instructions for Use	3
Changing the Mandrel	4-5
Precautions	6
Maintenance and Care	6
Warranty information	6

Product Overview

Product Function

Rivet Nut Tool Kit is a versatile solution for installing and securing rivet nuts across a wide range of sheet materials and thin metals.

At the heart of this kit is the duratl 8" rivet nut gun, meticulously designed to excel in tight, hard-to-reach spaces where larger tools fall short. This compact yet powerful tool not only offers exceptional maneuverability but also safeguards small mandrels against over-compression and breakage, ensuring every installation is both secure and reliable.

Kit Contents

- 1 x Duratl Rivet Nut Gun 8"
- 8 x Mandrels (M3-M6, 6-32, 8-32, 10-24, 1/4-20)
- 96 x Rivet Nuts (12 pcs for each size)
- 1 x Double-sided Storage Box
- 1 x Multifunctional Wrench
- 1 x Detailed User Manual

After-Sales Support

If you have any issues or questions, please contact our after-sales support team at support@duratl.com. We are committed to providing prompt and satisfactory responses within 24 hours. We stand behind our products and are dedicated to resolving your concerns quickly and efficiently.

Features

Chromium-molybdenum alloy steel Mandrel

Aluminum Alloy Body

Knurled Knob

Product Characteristics:

1. Innovative Patented Structure
2. Maximum Arm Force Multiplier: 35
3. Compact Design with Ergonomic Handles
4. Rotary Nut Loading Mechanism
5. Total Length: 190mm (8")
6. Weight: 700g
7. Working Stroke: 5mm

— | | — 1 inch
U
Reinforced Carbon Steel Handle with Heat Treatment

Compatible Mandrel Sizes



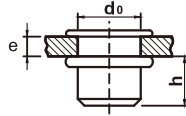
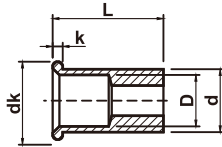
M3, M4, M5, M6, 6-32, 8-32, 10-24, 1/4-20

Multifunctional Wrench



Non-slip PVC Sleeve

Rivet Nut Chart



D	Workpiece Thickness e(mm)	Length After Compression h(mm)	Drill Size do(mm)	dk (mm)	k (mm)	L (mm)
M3	0.5-2.0	4.5	5mm or 3/16"	7.9	0.8	9.8
M4	0.5-2.0	6.5	6mm or 1/4"	9.0	0.8	10.9
M5	0.5-2.5	8	7mm or 9/32"	10	1.0	13.1
M6	0.5-3.0	9	9mm or 3/8"	12.3	1.3	14.9
UNC 6-32	0.3-2.0	7	7mm or 9/32"	9.8	0.9	11.4
UNC 8-32	0.3-2.0	7.5	7mm or 9/32"	10.1	1	13.1
UNC 10-24	0.3-2.0	8.5	7mm or 9/32"	10.1	1	13.1
UNC 1/4-20	0.3-2.0	8.5	9mm or 3/8"	10.1	1.5	13.1

Instructions for Use

- 1** Fully open the handle.



- 2** Insert the rivet nut into the tool's mandrel.



- 3** Insert the tool with the rivet nut into the pre-drilled hole, then squeeze the handles to secure the nut onto the material.



- 4** After securing, release the tool and remove it from the nut by Rotating the knob counterclockwise.



Changing the Mandrel

Important Notes

- For safety and efficiency, please be sure to carefully follow these steps.
- Pressing the inner sleeve with your thumb can be a bit uncomfortable, so we recommend using the provided wrench for added ease and comfort.
- When changing the mandrel, make sure to open the handles of the tool.

Removing the Mandrel

- 1. Unscrew the Nosepiece:** Turn the nosepiece counterclockwise to remove it. If it is too tight, use the provided wrench for extra leverage.
- 2. Depress the Inner Sleeve:** Use your thumbnail or the provided wrench to press down on the inner sleeve. This action will reveal the lower hex portion of the mandrel.
- 3. Remove the Mandrel:** Unscrew the mandrel from its position and carefully remove it from the tool.

Installing a New Mandrel

- 1. Insert the New Mandrel:** Press down on the inner sleeve fully with the provided wrench or your thumbnail. Thread the new mandrel into the tool until it reaches the bottom.
- 2. Engage the Mandrel:** Release the inner sleeve and allow it to reengage with the hex part of the mandrel. If necessary, slightly rotate the mandrel until you hear a click, indicating that the sleeve has properly reengaged.
- 3. Reattach the Nosepiece:** Screw the nosepiece back onto the tool by turning it clockwise until it is securely in place.

Changing the Mandrel

For a clearer understanding, please refer to the following images that illustrate the screw changing process step-by-step.

1 Unscrew the Nosepiece



2 Depress the Inner Sleeve



3 Remove the Mandrel



4 Insert the New Mandrel and Reattach the Nosepiece



Precautions

1. Ensure that you have selected the correct rivet nut and drill size before use.
2. Avoid using on overly thick or hard materials, which may cause tool damage.
3. Regularly check the tool for wear and tear, and replace parts if necessary.

Maintenance and Care

1. Cleaning the Tool: Clean the tool after use to prevent dust and debris buildup.
2. Lubrication: Regularly lubricate the moving parts to ensure smooth operation.
3. Storage: Store the tool in a dry place to prevent rust from forming in a humid environment.

Warranty Information

1. Warranty Period: 24 months from the date of purchase.
2. Warranty Coverage: Covers tool damage due to manufacturing defects or material damage.
3. Warranty Registration:
 - ① Email Registration: To register your warranty, please email us at support@duratl.com with your purchase details and proof of purchase.
 - ② Online Registration: Alternatively, you can register your warranty by logging into our website at www.duratl.com and completing the warranty registration form.

Duratl CUSTOMER CARE

If you have any doubts with tool using, welcome to scan the QR code watch the tutorial on tool usage.

Youtube



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RoHS

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