

# TITANIUM NITRIDE NECK BUSHINGS - REDDING TITANIUM NITRIDE BUSHING/.303

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Heat treated steel bushings as above, but with the addition of a Titanium Nitride coating to further increase the effective surface hardness and reduce sizing friction. Bushings are available throughout the range of .185" thru .368" in .001" increments. The last three digits of the part (#RD76XXX) denotes bushing size. .185 to .252 .253 to .305 .306 to .368

## Determining Redding Bushing Size

The proper bushing size can be easily determined by measuring the outside neck diameter of your loaded cartridges with a precision micrometer or a dial caliper. Then, simply subtract .001" from the cartridge that had the smallest average neck diameter. This diameter bushing will generally size case necks just enough to create the proper press fit for the bullet.

If you are using a Type "S" style die and not turning the outside of your case necks, we suggest using a bushing .002" smaller than your smallest average neck diameter, and using the expander ball included with your Type "S" die. This size bushing will still give you minimal sizing (maximizing the life of your brass) and the expander ball will insure that each cartridge has the same bullet grip.

Redding has found that when you have cases with neck wall thicknesses on the thin side of the SAAMI tolerance, your fired case will measure considerably larger (.006" to .010" larger) than your loaded rounds. In these circumstances, Redding's tests have shown that a bushing .001" larger (than the loaded round) may give you the desired bullet grip.



## Attributes

- Name: [REDDING TITANIUM NITRIDE BUSHING/.303](#)
- Manufacturer: [REDDING](#)
- Product no.: 749003449
- Mfr. No.: 76303
- Diameter (in): .303
- Delivery weight: 0.045kg
- Shipping height: 3mm
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 611760763038

## Item details

Made in USA

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# Safety Instruction Guide for TITANIUM NITRIDE NECK BUSHINGS

## Introduction

Thank you for choosing the TITANIUM NITRIDE NECK BUSHINGS by REDDING. This guide provides essential safety instructions to ensure safe usage and compliance with EU General Product Safety Regulation (GPSR). Please read this document carefully before using the product.

## General Safety Guidelines

- Ensure that the product is used as intended and according to the instructions provided.
- Always inspect the bushings for any signs of damage or wear before use.
- Keep the product out of reach of children and vulnerable individuals.
- Report any unsafe products or accidents to the appropriate authorities.
- Stay informed about recall updates via the EU's Safety Gate platform.

## Specific Safety Precautions for Use

### • Potential Hazards:

- Risk of injury if the bushings are damaged or improperly installed.
- Sizing friction may increase if the bushings are not maintained correctly.

### • Avoiding Hazards:

- Always use the bushings that correspond to your specific caliber and size requirements.
- Do not exceed the recommended sizing limits.
- Regularly clean and maintain the bushings to ensure optimal performance and safety.
- Use protective gear, such as gloves and safety glasses, when handling the bushings.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and materials.
- Ensure your workspace is clean and welllit.

### 2. Installation:

- Select the appropriate bushing size based on your needs (refer to the last three digits of the part number #RD76XXX).
- Carefully insert the bushing into the reloading die, ensuring it fits snugly and securely.
- Tighten the die according to the manufacturer's specifications to prevent movement during use.

### 3. Usage:

- Follow the reloading process as outlined in your reloading manual.
- Monitor the sizing process closely to ensure consistent performance.
- If you notice any irregularities or excessive friction, stop using the bushings immediately and inspect for damage.

### 4. PostUsage:

- Clean the bushings after each use to remove any debris or residue.
- Store the bushings in a safe, dry place away from moisture and extreme temperatures.

## **Disposal Instructions**

- Dispose of any damaged or worn bushings in accordance with local regulations.
- Do not dispose of the product in household waste. Check with local authorities for proper disposal methods.

## **Contact Information for Further Support**

For further assistance or inquiries regarding safety, please refer to the product packaging or visit the manufacturer's website for contact details.

Thank you for prioritizing safety and compliance while using the TITANIUM NITRIDE NECK BUSHINGS. Your attention to these guidelines helps ensure a safe and effective reloading experience.

# About Us

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