

# TITANIUM NITRIDE NECK BUSHINGS - REDDING TITANIUM NITRIDE BUSHING/.251

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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/.251](#)
- Manufacturer: [REDDING](#)
- Product no.: 749003475
- Mfr. No.: 76251
- Diameter (in): .251
- Delivery weight: 0.045kg
- Shipping height: 3mm
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 611760762512

## Item details

Made in USA

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# TITANIUM NITRIDE NECK BUSHINGS USER SAFETY INSTRUCTIONS

## Introduction

Thank you for choosing the TITANIUM NITRIDE NECK BUSHINGS by REDDING. This guide provides important safety instructions, usage recommendations, and disposal information to ensure the safe and effective use of this product. Please read this document carefully before using the bushings.

## General Safety Guidelines

- Ensure safe handling and usage of the bushings to avoid injuries.
- Always follow the manufacturer's instructions for installation and usage.
- Be aware of potential hazards associated with the bushings, including sharp edges and improper installation.
- Use protective gear, such as gloves and safety glasses, when handling the bushings.
- Keep the bushings out of reach of children and pets to prevent accidental injury.
- Regularly check for any signs of wear or damage to the bushings before use.

## Specific Safety Precautions for Use

- Inspect the bushings for any visible defects or damage before installation.
- Ensure that the bushings are compatible with your equipment before use.
- Avoid using excessive force during installation, as this may lead to breakage or malfunction.
- Do not exceed the recommended sizing limits of .185" to .368".
- If you experience any unusual noises or resistance during operation, stop using the bushings immediately and inspect for issues.
- Report any accidents or unsafe conditions to the appropriate authorities.

## Instructions for Installation and Usage

### 1. Preparation

- Gather all necessary tools and materials for installation.
- Ensure that your workspace is clean and free from obstructions.

### 2. Installation Steps

- Select the appropriate bushing size based on your requirements (sizes range from .185" to .368" in .001" increments).
- Carefully align the bushing with the designated area of your equipment.
- Gently press or insert the bushing into place, avoiding excessive force.
- Ensure that the bushing is seated securely and is flush with the surrounding surface.

### 3. Usage Guidelines

- Use the bushings only for their intended purpose as specified by the manufacturer.
- Monitor the performance of the bushings during operation for any signs of wear or malfunction.
- If you need to remove the bushings, do so carefully to avoid damage.

## **Disposal Instructions**

- Dispose of any damaged or worn bushings in accordance with local regulations.
- Do not dispose of bushings in regular household waste if they contain hazardous materials.
- Check with local waste management authorities for specific disposal instructions related to metal components.

## **Contact Information for Further Support**

For any inquiries or concerns regarding the TITANIUM NITRIDE NECK BUSHINGS, please refer to the manufacturer's contact information provided on the product packaging or the official website.

Thank you for your attention to these safety instructions. Your safety is our priority.

# About Us

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