

# **TIN COATED EXPANDER MANDRELS - SINCLAIR INTERNATIONAL**

## **TIN COATED EXPANDER MANDREL, 17 CALIBER (0.171")**

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The Sinclair TiN Expander Mandrels are a great option for those who want increased resistance to abrasion over our Stainless Steel Mandrels, but don't want to feel the need to upgrade to our Carbide Mandrels. The Titanium Nitride coating process adds increased lubricity and abrasion resistance over the standard steel mandrels. Expander mandrels are made to 0.001" under bullet diameter. Originally designed to be used to expand the necks of brass prior to neck turning, these Mandrels can be used to set neck tension.



### **Attributes**

- Name: [SINCLAIR INTERNATIONAL TIN COATED EXPANDER MANDREL, 17 CALIBER \(0.171"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749019000
- Mfr. No.:
- Caliber: 17 Caliber
- Diameter (in): 0.171
- Delivery weight: 0.023kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 51mm

### **Item details**

Made in USA

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# Safety Instruction Guide for TIN COATED EXPANDER MANDRELS

## Introduction

Thank you for choosing the TIN COATED EXPANDER MANDRELS from Sinclair International. This guide provides essential safety instructions to ensure the safe use and handling of the product. Please read this guide thoroughly before using the mandrels.

## General Safety Guidelines

- **Product Safety:** Ensure safe use of the TIN COATED EXPANDER MANDRELS by following all instructions provided in this guide.
- **Enhanced Recalls:** Stay informed about product recalls and safety notices. Check the EU Safety Gate platform for updates.
- **Online Shopping Safety:** If purchasing online, ensure that the platform you use adheres to safety requirements.
- **Vulnerable Groups:** Keep the product out of reach of children. It is not intended for use by individuals under 18 years of age.
- **EU Contact Point:** For safety inquiries, please refer to the designated EU contact point for this product.
- **Rapid Alerts:** Be aware of the Safety Gate system for timely updates on any unsafe products.

## Specific Safety Precautions for Use

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including safety glasses and gloves, when handling the mandrels.
- **Inspection:** Before each use, inspect the mandrels for any signs of damage or wear. Do not use damaged mandrels.
- **Proper Handling:** Handle the mandrels with care to avoid injury. Do not apply excessive force when using.
- **Storage:** Store the mandrels in a dry, cool place, away from moisture and direct sunlight.
- **Use for Intended Purpose:** The mandrels are designed for expanding the necks of brass and setting neck tension. Do not use them for any other purpose.

## Instructions for Installation and Usage

### • Preparation:

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

### • Installation:

- Select the appropriate TIN COATED EXPANDER MANDREL for your specific caliber (17 Caliber / 0.171").
- Insert the mandrel into the appropriate tool or press, ensuring it fits securely.

### • Usage:

- Position the brass case securely in the tool or press.
- Slowly and steadily apply pressure to expand the neck of the brass case.
- Monitor the process closely to avoid overexpansion.

- **PostUsage:**

- After use, carefully remove the mandrel from the tool.
- Clean the mandrel with a soft cloth to remove any debris or residue.
- Inspect the mandrel for any damage before storing.

## Disposal Instructions

- **Disposal of Used Mandrels:** If the mandrels become damaged or are no longer usable, dispose of them in accordance with local regulations for metal recycling.
- **Environmental Considerations:** Do not dispose of the mandrels in the general waste. Always recycle where possible to minimize environmental impact.

## Contact Information for Further Support

For any questions or concerns regarding the TIN COATED EXPANDER MANDRELS, please reach out to the designated EU contact point for assistance.

By following these safety instructions, you can ensure a safe and effective experience with your TIN COATED EXPANDER MANDRELS. Thank you for your attention to safety and for choosing Sinclair International products.

# About Us

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