

# TIN COATED EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

## TIN COATED EXPANDER MANDREL, 20 CALIBER (0.203")

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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, 20 CALIBER \(0.203"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749019001
- Mfr. No.:
- Caliber: 20 Caliber
- Diameter (in): 0.203
- 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. These mandrels are designed to provide enhanced performance and durability for your reloading needs. This safety instruction guide is intended to inform you about the proper use, installation, and disposal of the product, ensuring your safety and compliance with EU regulations.

## General Safety Guidelines

- Always ensure the product is used in accordance with the manufacturer's instructions.
- Keep the product out of reach of children and vulnerable individuals.
- Regularly inspect the mandrels for wear or damage before use.
- If any part of the product is damaged, discontinue use immediately and replace it.
- Follow all local regulations regarding the use and disposal of reloading equipment.

## Specific Safety Precautions for Use

- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when handling the mandrels.
- Ensure that your workspace is clean and free of obstructions to avoid accidents.
- Use the mandrels only for their intended purpose, which is to expand the necks of brass cases prior to neck turning.
- Do not exceed the specified dimensions (0.001" under bullet diameter) to avoid damaging the mandrel or your brass cases.
- Be cautious of sharp edges on the mandrels; handle with care to avoid cuts or injuries.
- Avoid using the mandrels in wet or damp conditions to prevent slipping and potential accidents.

## Instructions for Installation and Usage

### 1. Preparation

- Gather all necessary tools and materials, including the TIN COATED EXPANDER MANDREL, brass cases, and any additional reloading equipment.

### 2. Installation

- Ensure that your reloading press is clean and properly set up.
- Insert the expander mandrel into the appropriate die in your reloading press, ensuring a secure fit.
- Adjust the die settings according to the manufacturer's specifications for optimal performance.

### 3. Usage

- Place the brass case into the reloading press.
- Activate the press slowly and steadily to expand the neck of the brass case using the mandrel.
- Monitor the process to ensure that the mandrel is functioning correctly and that the brass is being expanded uniformly.
- After use, remove the mandrel and clean it according to the care instructions provided.

## **Disposal Instructions**

- Dispose of any damaged or worn mandrels in accordance with local waste disposal regulations.
- If the product is no longer usable, consider recycling materials where applicable.
- Do not dispose of any components in regular household waste unless specified by local regulations.

## **Contact Information for Further Support**

For any inquiries regarding the safety and usage of the TIN COATED EXPANDER MANDRELS, please reach out to your supplier or manufacturer. Ensure you have your product details handy when seeking assistance.

By following these safety instructions, you can ensure a safe and effective reloading experience with the TIN COATED EXPANDER MANDRELS. Thank you for your attention to safety and compliance.

# About Us

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