

# TIN COATED EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

## TIN COATED EXPANDER MANDREL, 7MM (0.283")

[Reloading](#) > [Case Preparation](#) > [Neck Turning](#) > [Turning & Expander Mandrels](#)

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, 7MM \(0.283"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749019007
- Mfr. No.:
- Caliber: 7mm
- Diameter (in): 0.283
- Delivery weight: 0.023kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 51mm

### Item details

Made in USA

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for TIN COATED EXPANDER MANDRELS](#)
- [About Us](#)

# Safety Instruction Guide for TIN COATED EXPANDER MANDRELS

## Introduction

Thank you for choosing the Sinclair International Tin Coated Expander Mandrels. This guide provides essential safety instructions and guidelines to ensure the safe use of this product. Please read this document carefully before use to understand how to operate the mandrels safely and effectively.

## General Safety Guidelines

- Ensure the product is used in accordance with the manufacturer's instructions.
- Always inspect the mandrels for any signs of damage or wear before use. Do not use damaged mandrels.
- Keep the product out of reach of children and vulnerable individuals.
- Follow all local regulations regarding the use and handling of tools and accessories.
- Report any unsafe products or accidents to the appropriate authorities.
- Check for recall updates on the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when using the expander mandrels.
- Ensure that the work area is clean, dry, and welllit to avoid accidents.
- Do not use the mandrels for purposes other than those specified by the manufacturer.
- Avoid contact with moving parts during operation to prevent injury.
- Do not exceed the recommended load or pressure limits when using the mandrels.
- Be cautious of sharp edges and points on the mandrels; handle with care.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and materials before starting.
- Ensure you have the correct caliber mandrel for your application (7mm / 0.283 inches).

### 2. Installation:

- Insert the expander mandrel into the appropriate tool or machine according to the manufacturer's specifications.
- Secure the mandrel firmly to prevent movement during operation.

### 3. Usage:

- Align the brass case with the mandrel before starting the expansion process.
- Gradually apply pressure to expand the neck of the brass case. Do not force the mandrel beyond its limits.
- Monitor the process closely to ensure that the mandrel is functioning correctly and safely.
- After use, remove the mandrel from the tool and clean it thoroughly to maintain its condition.

## Disposal Instructions

- Dispose of any damaged or worn mandrels in accordance with local regulations.
- Do not dispose of the product in general waste. Check for recycling options available in your area.

- Ensure that any packaging materials are also disposed of responsibly.

## **Contact Information for Further Support**

For any inquiries or additional support regarding the TIN COATED EXPANDER MANDRELS, please refer to the manufacturer's contact information provided with the product or available on their official website.

Thank you for following these safety instructions. Your safety is our priority, and we hope you enjoy using your Sinclair International Tin Coated Expander Mandrels.

# About Us

## Brownells UK

### **Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories**

Unit 1, Laughing Dog Industrial Estate  
London Road  
Rugby  
Warwickshire  
CV23 9LP

[www.brownells.co.uk](http://www.brownells.co.uk)