

# **TIN COATED TURNING MANDRELS - SINCLAIR INTERNATIONAL TIN COATED TURNING MANDREL 270 CALIBER (0.275")**

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The Sinclair TiN Turning Mandrels are a great option for those who want increased resistance to abrasion over our Stainless Steel Mandrels, but don't feel the need to upgrade to our Carbide Mandrels. The Titanium Nitride coating process adds increased lubricity, reduces wear due to abrasion and increases tool life up to 10 times over our standard steel mandrels. Turning mandrels are made to 0.002" under bullet diameter. Originally designed to be used to align the case during neck turning, these Mandrels can also be used to set neck tension.



## **Attributes**

- Name: [SINCLAIR INTERNATIONAL TIN COATED TURNING MANDREL 270 CALIBER \(0.275"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749019017
- Mfr. No.:
- Caliber: 270 Caliber
- Diameter (in): 0.275
- 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 TURNING MANDRELS

## Introduction

Thank you for choosing the TIN COATED TURNING MANDRELS from Sinclair International. This guide provides important safety information, usage instructions, and disposal guidelines to ensure safe and effective use of the product. Please read this guide carefully before using the mandrels.

## General Safety Guidelines

- Ensure that the product is used only for its intended purpose as specified in this guide.
- Keep the mandrels out of reach of children and vulnerable individuals to prevent accidents.
- Regularly check the product for signs of wear or damage before each use.
- If you notice any defects or issues, discontinue use immediately and seek assistance.
- Store the mandrels in a dry, secure place away from extreme temperatures and moisture.

## Specific Safety Precautions for Use

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when using the mandrels.
- Avoid direct contact with the mandrels' cutting edges to prevent injury.
- Use the mandrels in a wellventilated area to minimize exposure to any potential fumes or debris.
- Do not exceed the recommended operational limits of the mandrels to avoid accidents or damage.
- Ensure that the workpiece is securely clamped to prevent movement during operation.
- Follow all manufacturer guidelines for compatible tools and equipment.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure that the lathe or turning machine is powered off before installation.
- Select the appropriate TIN COATED TURNING MANDREL based on the caliber and diameter required for your project.
- Insert the mandrel into the lathe chuck, ensuring it is securely tightened.
- Check alignment and run the machine at a low speed to verify stability before proceeding.

### 2. Usage:

- Always start the lathe at a low speed and gradually increase to the desired RPM.
- Monitor the operation closely for any unusual sounds or vibrations.
- Use cutting fluid or lubricant as needed to enhance performance and prolong tool life.
- After completing the turning process, power down the machine and allow it to cool before removing the mandrel.

## Disposal Instructions

- Dispose of the TIN COATED TURNING MANDRELS in accordance with local regulations for metal recycling.
- Do not dispose of the product in regular household waste.
- If the mandrels are damaged beyond repair, contact your local recycling center for proper disposal methods.

## Contact Information for Further Support

For any inquiries regarding safety, usage, or product support, please refer to the manufacturer's website or contact the designated support channels.

## Conclusion

By following these safety instructions, you can ensure a safe and effective experience with the TIN COATED TURNING MANDRELS. Thank you for your attention to these guidelines, and enjoy your turning projects!

# About Us

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