

# STAINLESS STEEL EXPANDER MANDRELS - SINCLAIR

## INTERNATIONAL STAINLESS STEEL EXPANDER MANDREL, 270 CALIBER (.276")

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

Our neck turning tool mandrels are made from high grade stainless steel on Precision turning centers. The shape, finish, and size are the result of years of use and experimentation by many hand loaders. All of our mandrels fit both our NT-3000 and NT-1000 neck turning tools and most of our older model neck turning tools. Our neck turning tool mandrels measure approximately about .002"" less than the bullet diameter for the caliber. Our expander mandrels are made .001"" larger than the turning mandrels. Using an expander mandrel prior to neck turning sizes the case to fit the neck turning mandrels perfectly. This correct fit makes the turning process more precise and much easier. Any of the mandrels can be used to ""neck"" cases up to the next caliber when used with the NT-EXP (Expander Body).



### Attributes

- Name: [SINCLAIR INTERNATIONAL STAINLESS STEEL EXPANDER MANDREL, 270 CALIBER \(.276"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749001165
- Mfr. No.: E27
- Caliber: 270 Caliber, 6.8mm
- Diameter (in): 0.276
- Delivery weight: 0.032kg
- Shipping height: 10mm
- Shipping width: 13mm
- Shipping length: 64mm

### Item details

Made in USA

# Table of Contents

- Startpage
- Safety Instruction Guide for Stainless Steel Expander Mandrels
- About Us

# Safety Instruction Guide for Stainless Steel Expander Mandrels

## Introduction

Thank you for choosing the Stainless Steel Expander Mandrels from Sinclair International. This guide provides essential safety instructions and guidelines to ensure the safe and effective use of this product. Please read this guide carefully before using the mandrels to ensure a safe experience.

## General Safety Guidelines

- Ensure that you are familiar with the operation of neck turning tools before using the expander mandrels.
- Always use personal protective equipment (PPE), including safety glasses and gloves, when handling and operating tools.
- Keep the working area clean and welllit to prevent accidents.
- Store the mandrels in a secure location away from children and unauthorized users.
- Regularly inspect the mandrels for signs of wear or damage before use. Do not use damaged mandrels.
- If you experience any difficulties or have questions regarding the use of the mandrels, seek assistance from a qualified professional.

## Specific Safety Precautions for Use

- Always ensure that the mandrel is compatible with your neck turning tool (NT3000, NT1000, or other models).
- Do not exceed the recommended caliber sizes when using the mandrels.
- Avoid applying excessive force when using the mandrels to prevent injury or damage to the tool.
- Use the expander mandrel before neck turning to ensure a proper fit, which enhances the precision of the turning process.
- Be cautious when handling cases that have been resized or expanded, as they may have sharp edges.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure that you have the appropriate neck turning tool and that it is set up correctly.
- Select the correct expander mandrel that matches the caliber of the cases you will be working with.

### 2. Installation:

- Insert the expander mandrel into the neck turning tool according to the tool's user manual.
- Secure the mandrel in place, ensuring it is firmly attached and aligned.

### 3. Usage:

- Place the case onto the expander mandrel.
- Apply gentle pressure to the tool to expand the neck of the case.
- After expanding, proceed with the neck turning process as per the tool's instructions.
- Always monitor the process to ensure that the mandrel and tool are functioning correctly.

### 4. PostUse:

- After completing your work, carefully remove the mandrel from the tool.

- Clean the mandrel and tool to remove any debris or residue.
- Store the mandrel in a safe and dry location.

## **Disposal Instructions**

- Dispose of any damaged or wornout mandrels in accordance with local regulations for metal waste.
- Do not dispose of the mandrels in regular household waste.

## **Contact Information for Further Support**

For any inquiries regarding safety or product support, please reach out to your local distributor or the manufacturer directly. Ensure that you have your product details available for reference.

By following these guidelines, you can ensure a safe and effective experience with the Stainless Steel Expander Mandrels from Sinclair International. Thank you for your attention to safety!

# About Us

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