

# CARBIDE EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

## CARBIDE EXPANDER MANDREL, 6MM (.242")

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

### Yields Closer Tolerances and More Lubricity

Sinclair Carbide Neck Expander Mandrels are ground from solid carbide stock, which yields closer tolerances and more lubricity. Carbide is also better at resisting galling which can leave behind material and scratch the inside of your necks. The shape, finish, and size are the result of years of use and experimentation by many hand loaders. Sinclair expander mandrels are made .001" smaller than bullet diameter. Using an expander mandrel prior to neck turning sizes the case to fit the neck turning mandrels perfectly, or use prior to bullet seating to get more concentric necks and perfect neck tension. All Sinclair Mandrels are designed for use with the Sinclair Expander Die and all Sinclair Neck Turning Tools.



### Attributes

- Name: [SINCLAIR INTERNATIONAL CARBIDE EXPANDER MANDREL, 6MM \(.242"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749014465
- Mfr. No.:
- Caliber: 243 Caliber, 6mm
- Diameter (in): 0.242
- Delivery weight: 0.031kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 51mm

### Item details

Made in USA

# Table of Contents

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

# Safety Instruction Guide for CARBIDE EXPANDER MANDRELS

## Introduction

Thank you for purchasing the Sinclair International Carbide Expander Mandrel, 6mm (.242"). This guide provides essential safety instructions to ensure the safe use and handling of this product. Please read this guide carefully before using the mandrel.

## General Safety Guidelines

- Ensure safe use of the product by following all guidelines outlined in this manual.
- Be aware of risks associated with the product that may not be covered by other regulations.
- If purchasing online, ensure that the platform complies with safety requirements.
- Extra precautions should be taken if the product is used by vulnerable groups, such as children.
- For any safety inquiries, please refer to the EU contact point for assistance.
- Stay updated on any potential recalls or safety alerts through 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 mandrel.
- Ensure that the work area is clean and free from clutter to avoid accidents.
- Keep the mandrel out of reach of children and unauthorized users.
- Do not use the mandrel for purposes other than those specified in this guide.
- Inspect the mandrel before each use for signs of wear or damage. Do not use a damaged mandrel.
- Follow the manufacturer's specifications for the proper use and maintenance of the mandrel.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure that your workspace is welllit and organized.
- Gather all necessary tools and equipment before starting.

### 2. Installation:

- Insert the Carbide Expander Mandrel into the Sinclair Expander Die according to the manufacturer's instructions.
- Ensure that the mandrel is securely fitted and does not wobble.

### 3. Usage:

- When using the mandrel, apply a steady and even pressure to ensure proper expansion of the neck.
- Use the mandrel prior to neck turning for optimal sizing, or before bullet seating for improved neck tension and concentricity.
- Avoid using excessive force, which may damage the mandrel or the case.

### 4. PostUsage:

- Clean the mandrel after each use to remove any debris or residue.
- Store the mandrel in a safe and dry location, away from direct sunlight and moisture.

## **Disposal Instructions**

- Dispose of any damaged or worn mandrels in accordance with local regulations.
- Do not dispose of the product in regular household waste.
- Consider recycling options for metal components where applicable.

## **Contact Information for Further Support**

For any questions or concerns regarding the use of the Sinclair International Carbide Expander Mandrel, please refer to the appropriate EU contact point for assistance.

By following these safety instructions, you can help ensure a safe and effective experience with your Sinclair Carbide Expander Mandrel. Thank you for your attention to these important guidelines.

# About Us

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