

# CARBIDE EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

## CARBIDE EXPANDER MANDREL, 7MM (.283")

[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, 7MM \(.283"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749014469
- Mfr. No.:
- Caliber: 284 Caliber, 7mm
- Diameter (in): 0.283
- Delivery weight: 0.034kg
- Shipping height: 64mm
- Shipping width: 13mm
- Shipping length: 64mm

### **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 choosing the Sinclair International Carbide Expander Mandrel, 7MM (.283"). This guide provides essential safety instructions and usage information to ensure safe and effective operation of the product. Please read this manual thoroughly before using the mandrel.

## General Safety Guidelines

- Product Safety: Ensure safe use of this nonfood product by following all guidelines provided in this manual.
- Enhanced Recalls: Be aware that standardized recall notices may be issued for dangerous products. Please stay informed about any recalls.
- Online Shopping: If purchased online, know that the same safety protections apply as if bought in physical stores.
- Special Consumer Focus: Extra caution is advised for vulnerable groups, including children. Ensure that this product is stored safely away from their reach.
- EU Contact Point: For safety inquiries, refer to the designated EU contact point for this product.
- Rapid Alerts: Stay updated on unsafe products through the EU Safety Gate system.

## Specific Safety Precautions for Use

- Always inspect the mandrel for any signs of damage before use. Do not use if damaged.
- Ensure that the mandrel is compatible with your specific caliber and equipment.
- Use personal protective equipment (PPE) such as safety glasses and gloves when handling and operating the mandrel.
- Keep the work area clean and free from distractions while using the mandrel.
- Avoid using excessive force when inserting or removing the mandrel to prevent injury or damage.
- Do not exceed the recommended specifications for size and usage as outlined in this guide.
- Store the mandrel in a secure location when not in use to prevent accidental injury or misuse.

## Instructions for Installation and Usage

### 1. Preparation:

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

### 2. Installation:

- Insert the mandrel into the Sinclair Expander Die according to the manufacturer's instructions.
- Make sure that the mandrel fits snugly within the die without any gaps.

### 3. Usage:

- When using the mandrel for neck expansion, ensure that the case is properly aligned with the mandrel.
- Apply gentle pressure to expand the neck of the case without forcing it.
- If using prior to neck turning, ensure that the case fits the neck turning mandrels perfectly.
- For bullet seating, ensure that the neck is concentric and has the desired tension.

#### 4. PostUsage:

- After use, clean the mandrel to remove any debris or residue.
- Store the mandrel in a protective case or designated storage area to prevent damage.

## Disposal Instructions

- Dispose of any damaged or wornout mandrels in accordance with local regulations.
- Do not dispose of the mandrel in regular household waste. Check with local authorities for proper disposal methods.

## Contact Information for Further Support

For any inquiries regarding the safety or usage of the Sinclair International Carbide Expander Mandrel, please refer to the designated EU contact point associated with this product.

By following these safety instructions and guidelines, you can ensure a safe and effective experience while using the Sinclair International Carbide Expander Mandrel. Thank you for your attention to these important safety measures.

# 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)