

# CARBIDE EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

## CARBIDE EXPANDER MANDREL, 338 CALIBER (.337")

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### **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, 338 CALIBER \(.337"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749014472
- Mfr. No.:
- Caliber: 338 Caliber
- Diameter (in): 0.337
- Delivery weight: 0.041kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 51mm

### **Item details**

Made in USA

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# Safety Instruction Guide for CARBIDE EXPANDER MANDRELS

## Introduction

Thank you for choosing the Sinclair International Carbide Expander Mandrel, designed for 338 caliber (.337") applications. This guide provides essential safety instructions to ensure safe and effective use of the product. Adhering to these guidelines will help prevent accidents and ensure optimal performance.

## General Safety Guidelines

- Ensure that the product is used only for its intended purpose.
- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when handling and using the mandrel.
- Keep the product out of reach of children and vulnerable individuals.
- Inspect the mandrel before each use for any signs of damage or wear. Do not use if damaged.
- Store the mandrel in a safe and dry place when not in use to prevent accidents and maintain its integrity.
- Report any unsafe conditions or accidents to the relevant authorities.

## Specific Safety Precautions for Use

- Do not exceed the recommended specifications for the mandrel.
- Avoid using excessive force when expanding the neck of the case, as it may lead to breakage or personal injury.
- Ensure that the expander die is properly set up and securely attached before use.
- Use the mandrel in a wellventilated area to avoid inhalation of any dust or debris created during the process.
- Be cautious of sharp edges on the mandrel and handle it with care to prevent cuts or injuries.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and materials, including the Sinclair Expander Die and suitable cases.
- Ensure your workspace is clean and organized to reduce the risk of accidents.

### 2. Installation:

- Insert the carbide expander mandrel into the Sinclair Expander Die.
- Secure the mandrel in place according to the manufacturer's instructions to ensure it is firmly attached.

### 3. Usage:

- For neck expansion, insert the case into the expander die with the mandrel.
- Slowly and steadily apply pressure to expand the neck, ensuring that you do not exceed the recommended force.
- After use, remove the case from the die and inspect it for proper expansion.

## Disposal Instructions

- Dispose of the product in accordance with local regulations for industrial materials.
- Do not dispose of the mandrel in regular household waste.

- Consider recycling options where applicable.

## **Contact Information for Further Support**

For any inquiries or assistance regarding the Sinclair Carbide Expander Mandrels, please refer to the manufacturer's contact information provided with your product packaging.

# About Us

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