

# CARBIDE EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

## CARBIDE EXPANDER MANDREL, 8MM (.322")

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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, 8MM \(.322"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749014471
- Mfr. No.:
- Caliber: 32 Caliber,8mm
- Diameter (in): 0.322
- Delivery weight: 0.039kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 25mm

### **Item details**

Made in USA

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# Safety Instructions for Sinclair International Carbide Expander Mandrel, 8MM (.322")

## Introduction

Thank you for choosing the Sinclair International Carbide Expander Mandrel. This product is designed to assist in the precision reloading of ammunition. To ensure safe and effective use, please read this safety instruction guide carefully.

## General Safety Guidelines

- Always read and understand the instructions before using the product.
- Ensure that the product is used only for its intended purpose.
- Keep the product out of reach of children and vulnerable individuals.
- Inspect the product for damage before each use. Do not use if damaged.
- Follow all local laws and regulations regarding ammunition reloading.
- Report any unsafe products or accidents to the appropriate authorities.
- Stay informed about recalls by checking the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- Use protective eyewear when operating the expander mandrel to protect against debris.
- Handle the mandrel with care to avoid injury from sharp edges.
- Ensure that the expander mandrel is securely attached to the reloading setup before use.
- Do not exceed the recommended pressure settings during operation.
- Avoid using the mandrel in wet or damp conditions to prevent slipping.
- Always keep hands and other body parts away from the moving parts of the reloading press.

## Instructions for Installation and Usage

### 1. Installation

- Ensure that your reloading press is clean and free from debris.
- Select the appropriate Sinclair Expander Die for your caliber.
- Insert the carbide expander mandrel into the die according to the manufacturer's instructions.
- Tighten the mandrel securely to prevent movement during operation.

### 2. Usage

- Prepare your cases by ensuring they are clean and free from obstructions.
- Set the reloading press to the appropriate height for your setup.
- Place the case in the shell holder of the reloading press.
- Slowly raise the ram to engage the expander mandrel with the neck of the case.
- Apply consistent pressure until the mandrel has fully expanded the neck.
- Lower the ram to remove the case from the die.
- Inspect the case neck for uniformity and proper expansion.

## Disposal Instructions

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

## **Contact Information for Further Support**

For any safety inquiries or product support, please refer to the manufacturer's contact information included with your product packaging.

By following these safety instructions, you can ensure a safe and effective reloading experience with the Sinclair International Carbide Expander Mandrel. Thank you for your attention to safety and for choosing our product.

# About Us

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