

# CARBIDE EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

## CARBIDE EXPANDER MANDREL, 20 CALIBER (.203")

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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, 20 CALIBER \(.203"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749014409
- Mfr. No.:
- Caliber: 20 Caliber
- Diameter (in): 0.203
- Delivery weight: 0.028kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 51mm

### **Item details**

Made in USA

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# CARBIDE EXPANDER MANDRELS SAFETY INSTRUCTION GUIDE

## Introduction

Thank you for choosing the Sinclair Carbide Expander Mandrel for your reloading needs. This guide provides essential safety instructions and guidelines for the proper use and maintenance of your product, ensuring a safe and effective experience. Please read this document carefully before using the mandrel.

## General Safety Guidelines

- Ensure that the product is used only for its intended purpose as described in the product text.
- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when handling the mandrel.
- Keep the product out of reach of children and vulnerable individuals.
- Regularly inspect the mandrel for any signs of wear or damage before use.
- Follow all local laws and regulations regarding the use of reloading equipment.

## Specific Safety Precautions for Use

- Do not exceed the recommended specifications for the mandrel, including caliber and diameter.
- Avoid using the mandrel if it shows any signs of damage or if it has been dropped.
- Use the mandrel in a wellventilated area to avoid inhaling any dust or particles generated during use.
- Ensure that the mandrel is securely attached to the appropriate expander die before use.
- Do not force the mandrel into cases; apply gentle pressure to avoid damaging the mandrel or the cases.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure that your reloading press is clean and free of debris.
- Select the appropriate Sinclair Expander Die compatible with your mandrel.
- Insert the mandrel into the expander die, ensuring it fits snugly.
- Tighten any locking mechanisms on the die to secure the mandrel in place.

### 2. Usage:

- Adjust the reloading press to the desired setting for neck expansion.
- Insert the case into the reloading press.
- Slowly and gently press the case into the mandrel until the desired expansion is achieved.
- Release the pressure and remove the expanded case from the press.
- Inspect the case to ensure the neck has been properly expanded without damage.

## Disposal Instructions

- Dispose of the product in accordance with local regulations regarding waste and recycling.
- Do not dispose of the mandrel in regular household waste if it is damaged or no longer usable.
- Contact your local waste management facility for guidance on the proper disposal of carbide materials.

## Contact Information for Further Support

For any inquiries or safety concerns regarding the Sinclair Carbide Expander Mandrel, please contact the

manufacturer or your local distributor for assistance.

## **Conclusion**

By following these safety instructions and guidelines, you can ensure a safe and effective experience with your Sinclair Carbide Expander Mandrel. Always stay informed about safety practices and updates related to your reloading equipment. Thank you for your attention to safety.

# About Us

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