

CARBIDE EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

CARBIDE EXPANDER MANDREL, 270 CALIBER (.276")

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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, 270 CALIBER \(.276"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749014468
- Mfr. No.:
- Caliber: 270 Caliber, 6.8mm
- Diameter (in): 0.276
- Delivery weight: 0.345kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 51mm

Item details

Made in USA

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CARBIDE EXPANDER MANDRELS SAFETY INSTRUCTIONS

Introduction

Thank you for choosing the Sinclair International Carbide Expander Mandrel for your reloading needs. This product is designed to enhance the precision of your neck turning and bullet seating processes. To ensure safe and effective use, please read and follow these safety instructions carefully.

General Safety Guidelines

- Always handle tools and equipment with care to prevent accidents.
- Ensure that the work area is clean, organized, and welllit.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, while using the mandrel.
- Keep the product out of reach of children and unauthorized users.
- Familiarize yourself with the product and its intended use before starting any reloading procedures.
- Regularly inspect the mandrel for signs of wear or damage. Replace if necessary.
- Report any unsafe conditions or accidents to the appropriate authorities.

Specific Safety Precautions for Use

- Ensure that the mandrel is compatible with your reloading equipment, specifically the Sinclair Expander Die and Neck Turning Tools.
- Do not exceed the recommended dimensions and tolerances specified for the mandrel.
- Avoid applying excessive force when using the mandrel to prevent damage to the product or injury.
- Use the mandrel only for its intended purpose; do not modify it in any way.
- Always follow the manufacturer's instructions for use and maintenance.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and materials, including the Sinclair Expander Die, neck turning tools, and the carbide expander mandrel.
- Ensure that your reloading press is properly set up and calibrated.

2. Installation:

- Insert the carbide expander mandrel into the Sinclair Expander Die according to the manufacturer's instructions.
- Ensure that the mandrel is securely fastened and properly aligned.

3. Usage:

- When using the mandrel for neck expansion, ensure that the case is clean and free from debris.
- Slowly and steadily apply pressure to the reloading press handle, allowing the mandrel to expand the neck of the case.
- If using the mandrel prior to neck turning, ensure that it is .001" smaller than the bullet diameter for optimal results.
- After use, carefully remove the mandrel from the die and clean it thoroughly to maintain its performance.

Disposal Instructions

- Dispose of any damaged or wornout mandrels according to local regulations for hazardous waste.
- Do not dispose of the product in regular household waste.
- Consider recycling options for metal components where available.

Contact Information for Further Support

For any questions or concerns regarding the use or safety of the Sinclair Carbide Expander Mandrel, please refer to the manufacturer's customer service resources. Ensure you have the product details ready for assistance.

By following these safety instructions, you can ensure a safe and effective reloading experience with your Sinclair Carbide Expander Mandrel. Thank you for prioritizing safety in your reloading activities.

About Us

Brownells UK

Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories

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