

CARBIDE EXPANDER MANDRELS - SINCLAIR INTERNATIONAL

CARBIDE EXPANDER MANDREL, 22 CALIBER (.223")

[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, 22 CALIBER \(.223"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749014457
- Mfr. No.:
- Caliber: 22 Caliber
- Diameter (in): 0.223
- Delivery weight: 0.03kg
- Shipping height: 13mm
- Shipping width: 13mm
- Shipping length: 51mm

Item details

Made in USA

Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for Sinclair International Carbide Expander Mandrel, 22 Caliber \(.223"\)](#)
- [About Us](#)

Safety Instruction Guide for Sinclair International Carbide Expander Mandrel, 22 Caliber (.223")

Introduction

Thank you for choosing the Sinclair Carbide Neck Expander Mandrel. This guide provides essential safety instructions and information to ensure the safe and effective use of this product. Please read and understand these guidelines before using the mandrel.

General Safety Guidelines

- Ensure the product is used only for its intended purpose.
- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, when handling and using 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.
- If the product is damaged or shows signs of malfunction, discontinue use immediately and seek assistance.
- Report any unsafe conditions or accidents to the relevant authorities.

Specific Safety Precautions for Use

- Use the mandrel with compatible equipment, specifically the Sinclair Expander Die and Sinclair Neck Turning Tools.
- Do not exceed the recommended specifications for the mandrel, including size and caliber.
- Avoid applying excessive force during use to prevent damage to the mandrel or the cases being worked on.
- Ensure your working area is clean and free from hazards that could cause slips, trips, or falls.
- Be aware of your surroundings and ensure that no one is in close proximity while you are using the mandrel.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and equipment, including the Sinclair Expander Die and the mandrel.
- Ensure that your workspace is organized and welllit.

2. Installation:

- Insert the Sinclair Carbide Neck Expander Mandrel into the expander die according to the manufacturer's instructions.
- Ensure that the mandrel is securely fastened and properly aligned.

3. Usage:

- Before using the mandrel, confirm that it is .001" smaller than the bullet diameter for optimal performance.
- Use the mandrel to expand the neck of the case before neck turning or bullet seating.
- Apply a light, consistent pressure when using the mandrel to achieve the desired neck tension without damaging the case.

4. PostUse:

- After use, clean the mandrel to remove any debris or lubricants.
- Store the mandrel in a safe, dry location to prevent damage.

Disposal Instructions

- Dispose of the mandrel in accordance with local regulations regarding metal waste.
- Do not dispose of the mandrel in regular household waste.
- If the mandrel is damaged beyond use, consider recycling options available in your area.

Contact Information for Further Support

For any inquiries or concerns regarding the Sinclair Carbide Neck Expander Mandrel, please refer to the appropriate contact points provided at the time of purchase. It is important to reach out for assistance if you have questions about safety or usage.

Thank you for your attention to these safety instructions. Following these guidelines will help ensure a safe and effective experience with your Sinclair Carbide Neck Expander Mandrel.

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