

# STAINLESS STEEL NECK TURNING MANDRELS - SINCLAIR

## INTERNATIONAL NECK TURNING MANDREL, SS, 30 CALIBER (.306")

[Reloading](#) > [Case Preparation](#) > [Neck Turning](#) > [Turning & Expander Mandrels](#)

Sinclair stainless steel neck turning and expander mandrels for 17 through 50 caliber cartridges are turned from high grade stainless steel on precision turning centers. Turning mandrels are sized .002 inch under bullet diameter and expander mandrels are .001 inch under bullet diameter. The shape and surface of all mandrels is the result of years of experimenting by many expert handloaders. Our Carbide turning mandrels are precision ground from solid carbide stock, which yields even closer tolerances. All carbide mandrels are ground to .002 inch under bullet diameter. Adjustments on our NT-4000 turning tool will be more consistent with carbide mandrels due to the tighter tolerances of the mandrels. Large caliber (35 to 50 caliber) mandrels fit only the Large Caliber Expander Expander Body and NT-5000 Turning Tool.



### Attributes

- Name: [SINCLAIR INTERNATIONAL NECK TURNING MANDREL, SS, 30 CALIBER \(.306"\)](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749001184
- Mfr. No.: NTA30
- Caliber: 30 Caliber
- Diameter (in): 0.306
- Delivery weight: 0.032kg
- Shipping height: 10mm
- Shipping width: 15mm
- Shipping length: 64mm

### Item details

Made in USA

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for Sinclair International Stainless Steel Neck Turning Mandrels](#)
- [About Us](#)

# Safety Instruction Guide for Sinclair International Stainless Steel Neck Turning Mandrels

## Introduction

Thank you for choosing the Sinclair International Stainless Steel Neck Turning Mandrel. This guide provides important safety information and usage instructions to ensure your experience with this product is safe and effective. Please read this guide carefully before using the mandrel.

## General Safety Guidelines

- Ensure that the product is used only for its intended purpose, which is turning and expanding cartridge necks for 30 caliber (.306") cartridges.
- Always inspect the mandrel for any signs of damage or wear before use. Do not use if damaged.
- Keep the product out of reach of children and vulnerable individuals.
- Use personal protective equipment (PPE) such as safety glasses and gloves when operating the mandrel.
- Be aware of your surroundings and ensure that you are in a safe environment while using the product.

## Specific Safety Precautions for Use

- Always follow the manufacturer's instructions for installation and usage.
- Do not exceed the specified limits of the mandrel. The mandrel is sized .002 inch under bullet diameter, and adjustments should be made accordingly.
- Ensure that the mandrel is securely attached to the turning tool before use to prevent accidents.
- Do not force the mandrel into the cartridge neck; it should fit snugly but not require excessive force.
- If you experience any unusual resistance or difficulty while using the mandrel, stop immediately and inspect for potential issues.
- Store the mandrel in a safe and dry location when not in use to prevent damage.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure that your NT4000 turning tool or NT5000 turning tool is clean and free of debris.
- Select the appropriate mandrel based on the caliber of the cartridge you are using.
- Insert the mandrel into the turning tool's chuck or holder, ensuring it is properly seated.
- Tighten the chuck securely to hold the mandrel in place.

### 2. Usage:

- Prepare your cartridge case by ensuring it is clean and free of any obstructions.
- Insert the cartridge neck onto the mandrel, ensuring it is aligned properly.
- Start the turning tool at a low speed and gradually increase as needed for efficient turning.
- Monitor the process closely to ensure that the mandrel is functioning correctly and that the cartridge is being turned evenly.
- Once the desired neck turning is achieved, carefully remove the cartridge from the mandrel.

## Disposal Instructions

- Dispose of the product in accordance with local regulations.
- If the mandrel is damaged or no longer usable, consider recycling it if possible, as it is made from stainless steel.
- Do not dispose of the mandrel in regular household waste.

## **Contact Information for Further Support**

For any safety inquiries, product support, or to report unsafe products, please reach out to the designated EU contact point provided by the manufacturer. Ensure that you have the product details at hand for a more efficient response.

By following these guidelines and instructions, you can ensure safe and effective use of your Sinclair International Stainless Steel Neck Turning Mandrel. Thank you for prioritizing safety.

# 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](http://www.brownells.co.uk)