

# Sinclair Chamber Length Gage - SINCLAIR INTERNATIONAL CHAMBER LENGTH GAUGE, 50 CALIBER

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The Sinclair Chamber Length Gauges are designed so the handloader can determine the true length of his rifle's chamber when measuring from the bolt face to the end of the chamber's neck. This measurement will tell you how much excess case length your chamber may have over published trim lengths in reloading handbooks. The Sinclair Gauges are inserted into a fired, unprimed shortened case and then chambered into your rifle. The insert pushes back into the case when it contacts the end of your chamber. You then extract the case and measure the overall length. The gauge is made of 12L14 soft steel so it will not damage your chamber. Step-by-step instructions accompany each gauge. The gauges can be used over and over again. The differences between published trim lengths and the actual length of your chamber can be quite significant. You could be over trimming your cases by .030 inch or more. NOTE: The 22 caliber gauge will not work on thin-necked cases such as the 22 Hornet, 218 Bee, or cartridges based on these cases. The 30 caliber gauge will not work on the 30-30 Winchester. None of the gauges listed will work on tight-necked chambers except for the G-243T. Should not be used in handguns, semi automatic rifles, lever actions rifles and pump action rifles.



## Attributes

- Name: [SINCLAIR INTERNATIONAL CHAMBER LENGTH GAUGE, 50 CALIBER](#)
- Manufacturer: [SINCLAIR INTERNATIONAL](#)
- Product no.: 749011501
- Mfr. No.: G510
- Caliber: 50 Caliber (.510)
- Delivery weight: 0.023kg
- Shipping height: 1mm
- Shipping width: 83mm
- Shipping length: 146mm

## Item details

Made in USA

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# Sinclair Chamber Length Gage Safety Instruction Guide

## Introduction

Thank you for choosing the Sinclair Chamber Length Gage. This product is designed to help handloaders accurately measure the length of their rifle's chamber. Proper usage of this tool is vital for ensuring safety and efficiency in reloading. This guide provides essential safety instructions and operational guidelines to ensure your experience is safe and effective.

## General Safety Guidelines

- Always handle the Sinclair Chamber Length Gage with care to avoid injury.
- Ensure you are in a safe environment, free from distractions, when using this tool.
- Use protective eyewear when measuring to prevent any potential injury from debris or unexpected incidents.
- Keep the gage and all tools out of reach of children and vulnerable individuals.
- Regularly inspect the gage for any signs of wear or damage before each use.
- Follow all relevant local laws and regulations related to firearms and ammunition.

## Specific Safety Precautions for Use

- The Sinclair Chamber Length Gage is designed for use with rifles only. Do not use it with handguns, semiautomatic rifles, leveraction rifles, or pumpaction rifles.
- Avoid using the 22 caliber gauge on thinnecked cases such as the 22 Hornet and 218 Bee, as this may lead to inaccurate measurements.
- The 30 caliber gauge is not suitable for use on the 3030 Winchester.
- Be cautious when using the gage in tightnecked chambers; only the G243T is approved for such applications.
- Do not exceed the recommended measurements, as excessive trimming can lead to compromised case integrity.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure that you have a fired, unprimed shortened case that is compatible with your rifle's chamber.
- Gather your Sinclair Chamber Length Gage and any necessary tools for measuring.

### 2. Using the Gage:

- Insert the Sinclair Chamber Length Gage into the fired, unprimed shortened case.
- Chamber the case into your rifle carefully.
- The insert of the gage will push back into the case when it contacts the end of your chamber.

### 3. Measuring:

- After chambering, extract the case from your rifle.
- Measure the overall length of the case using a caliper or appropriate measuring tool.
- Compare the measured length to published trim lengths in reloading handbooks to determine if your cases are overtrimmed.

#### 4. **Repetition:**

- The gauges can be used multiple times. Ensure that you clean them after each use to maintain accuracy and longevity.

## **Disposal Instructions**

- Dispose of the Sinclair Chamber Length Gage according to local regulations for metal waste.
- If the gage is damaged or no longer usable, ensure it is disposed of in a safe manner to prevent injury.

## **Contact Information for Further Support**

For any inquiries regarding safety or usage of the Sinclair Chamber Length Gage, please refer to the official Sinclair International website or contact their customer service for assistance. Ensure you have the product details ready for any support requests.

By adhering to these guidelines, you can ensure a safe and effective experience with the Sinclair Chamber Length Gage. Always prioritize safety and consult local regulations as needed.

# About Us

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