

RIFLE FULL LENGTH SIZING DIES ONLY - LEE PRECISION .223 ACKLEY IMPROVED FULL LENGTH SIZING DIE ONLY

[Reloading](#) > [Reloading Dies](#) > [Rifle Dies](#)

A full-length sizing die is designed to resize the entire length of the cartridge case, not just the neck. Unlike neck-sizing dies, which only resize the neck portion, full-length sizing dies are versatile and suitable for any rifle chambered in the same cartridge. When you fire a cartridge, the brass case expands to fit the chamber of your rifle. After firing, the case contracts slightly, but it may not return to its original dimensions. The full-length sizing die restores the case to the correct dimensions by resizing both the neck and body. It also removes any bulges or irregularities caused during firing. Setting up a full-length sizing die involves several steps: Clean the outside of the fired cases with alcohol and a cloth. Zero out the calipers using a headspace comparator and a fired case. Install the full-length sizing die and adjust it gradually until the case shoulder is bumped back by 0.001 inch. Lock the die and lubricate the cases before sizing them. Check the shoulder bump every 10 cases or so and adjust the die if needed. Avoid overworking the brass to prevent case head separation.



Attributes

- Name: [LEE PRECISION .223 ACKLEY IMPROVED FULL LENGTH SIZING DIE ONLY](#)
- Manufacturer: [LEE PRECISION](#)
- Product no.: 430109145
- Mfr. No.: 91117
- Cartridge: 223 Ackley
- Die Style: Full Length Sizing Die
- Delivery weight: 0.193kg
- Shipping height: 38mm
- Shipping width: 41mm
- Shipping length: 124mm
- UPC: 734307911171

Item details

Made in USA

Table of Contents

- Startpage
- RIFLE FULL LENGTH SIZING DIES ONLY LEE PRECISION .223 ACKLEY IMPROVED FULL LENGTH SIZING DIE Safety Instruction Guide
- About Us

RIFLE FULL LENGTH SIZING DIES ONLY LEE PRECISION .223 ACKLEY IMPROVED FULL LENGTH SIZING DIE Safety Instruction Guide

Introduction

Thank you for purchasing the RIFLE FULL LENGTH SIZING DIES ONLY LEE PRECISION .223 ACKLEY IMPROVED FULL LENGTH SIZING DIE. This guide provides essential safety instructions to ensure safe and effective use of the product. Please read the instructions carefully before use.

General Safety Guidelines

- Ensure that the die is used only for its intended purpose, which is resizing cartridge cases.
- Store the die in a safe, dry place out of reach of children and pets.
- Always follow the manufacturer's instructions for use and maintenance.
- Inspect the die for any damage before each use. Do not use if damaged.
- Use personal protective equipment (PPE) such as safety glasses and gloves when handling fired cartridge cases and during resizing.
- Be aware of your surroundings when using the die to avoid accidents.

Specific Safety Precautions for Use

- **Hazard Identification:**

- The resizing process can create sharp edges on cases. Handle with care to avoid cuts.
- Lubricants used for resizing can be flammable. Keep away from heat sources and open flames.
- Improper use of the die may result in case head separation, which can cause injury or damage.

- **Avoiding Hazards:**

- Always wear gloves when handling fired cases to protect your hands from potential contamination.
- Ensure that the work area is wellventilated when using lubricants.
- Do not exceed the recommended adjustments for the die to prevent overworking the brass.

- **Audience Specific Warnings:**

- This product is intended for use by adults. Keep out of reach of children.
- Ensure that anyone using the die is knowledgeable about reloading and firearm safety.

Instructions for Installation and Usage

1. **Preparation:**

- Clean the outside of the fired cases with alcohol and a cloth to remove dirt and debris.
- Use a headspace comparator and a fired case to zero out the calipers.

2. **Installation of the Die:**

- Install the fulllength sizing die into your reloading press according to the manufacturer's instructions.
- Gradually adjust the die until the case shoulder is bumped back by 0.001 inch. Lock the die in place.

3. Lubrication:

- Lubricate the cases thoroughly before sizing to prevent sticking and damage.
- Use a suitable case lubricant specifically designed for reloading.

4. Sizing Process:

- Size the cases one at a time, checking the shoulder bump every 10 cases to ensure proper resizing.
- If necessary, adjust the die to achieve the desired shoulder bump.

5. Final Inspection:

- After resizing, inspect each case for any defects or irregularities.
- Discard any cases that show signs of damage or excessive wear.

Disposal Instructions

- Dispose of any damaged or unusable cartridge cases in accordance with local regulations.
- Do not dispose of cases in regular household waste if they are contaminated or hazardous.

Contact Information for Further Support

For safety inquiries or further assistance regarding the RIFLE FULL LENGTH SIZING DIES ONLY LEE PRECISION .223 ACKLEY IMPROVED FULL LENGTH SIZING DIE, please refer to the product packaging or visit the manufacturer's website.

By following these guidelines, you can ensure safe usage of your reloading equipment and maintain a safe working environment. Thank you for your attention to these important safety instructions.

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