

# **BOLT-ACTION 243 CALIBER STAINLESS STEEL BARRELS - PROOF RESEARCH 243 CALIBER 7.5 TWIST 28" STAINLESS STEEL COMPETITION BBL**

[Rifle Parts](#) > [Barrel Parts](#) > [Rifle Barrels](#)

Your bolt-action barrel will arrive ready for thread and chamber by your gunsmith. When PROOF Research joined with Lawrence Barrels in 2012, they acquired 15 years of experience in manufacturing precision steel barrels. PROOF now manufactures stainless steel barrels in-house with an absolute commitment to extreme accuracy and quality. They start with double stress-relieved 416R stainless steel, a pre-hardened chromium stainless steel ideally suited for use in precision, match-grade rifle barrels. 416R was specifically designed by engineers in collaboration with barrel makers and rifle manufacturers to provide the consistency, high quality and durability the firearms industry demands. 416R is the material of choice because it has the following characteristics: Excellent machinability for gun drilling and reaming, plus exceptional polishability for uniform lapping—a must for bore accuracy. A homogeneous microstructure which responds to heat treatment providing a uniform hardness along the length of the bar, necessary for accurate rifling to precise groove dimensions. An optimum combination of high tensile strength along with adequate toughness to withstand typical chamber pressures encountered during firing. 416R arrives at the factory in long lengths and is then cut to finished barrel length. The barrels are then drilled, contoured and reamed to the bore diameter of the cartridge for which they are to be chambered. The barrels are then rifled, hand lapped and individually inspected with a bore scope.

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## **Attributes**

- Name: [PROOF RESEARCH 243 CALIBER 7.5 TWIST 28" STAINLESS STEEL COMPETITION BBL](#)
- Manufacturer: [PROOF RESEARCH](#)
- Product no.: 100046271
- Mfr. No.: 113707
- Barrel Weight: 7.14 lbs
- Cartridge: 243 Caliber
- Contour: Competition
- Finish: Stainless Steel
- Length: 28"
- Twist: 1-7.5
- Delivery weight: 4.082kg
- Shipping height: 76mm
- Shipping width: 89mm
- Shipping length: 838mm
- UPC: 843068113707

## **Item details**

Made in USA

US export classification: 0A501.c

# Table of Contents

- Startpage
- Safety Instruction Guide for BOLTACTION 243 CALIBER STAINLESS STEEL BARRELS
- About Us

# Safety Instruction Guide for BOLTACTION 243 CALIBER STAINLESS STEEL BARRELS

## Introduction

Thank you for choosing the BOLTACTION 243 CALIBER STAINLESS STEEL BARRELS from PROOF Research. This guide provides essential safety instructions and information to ensure the safe use of your barrel. Please read this guide carefully before installation and use.

## General Safety Guidelines

- Always handle firearms and firearm components with care.
- Ensure that your barrel is installed by a qualified gunsmith.
- Keep firearms out of reach of children and unauthorized users.
- Regularly inspect your barrel for signs of wear or damage.
- Only use ammunition that is compatible with your barrel specifications.
- Follow all local laws and regulations regarding firearm ownership and use.
- Report any unsafe products or accidents to the appropriate authorities.
- Check for recall updates on the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- Use appropriate eye and ear protection when firing your firearm.
- Do not modify or alter the barrel in any way without consulting a professional.
- Ensure that the firearm is unloaded when installing or inspecting the barrel.
- Avoid exposing the barrel to extreme temperatures or harsh chemicals.
- Store the barrel in a dry, cool place to prevent corrosion.
- Be aware of the potential hazards associated with highvelocity ammunition.

## Instructions for Installation and Usage

### • Installation:

1. Ensure that you have the correct tools and equipment.
2. Verify that the firearm is completely unloaded.
3. Consult a qualified gunsmith to install the barrel properly.
4. Confirm that the barrel is securely attached before use.

### • Usage:

1. Always treat every firearm as if it is loaded.
2. Follow the manufacturer's instructions for loading and firing.
3. Use only recommended ammunition for your specific barrel.
4. Regularly clean and maintain your barrel to ensure optimal performance.
5. If you notice any malfunctions or irregularities, cease use immediately and consult a gunsmith.

## Disposal Instructions

- Dispose of the barrel in accordance with local regulations.
- If the barrel is damaged or no longer usable, consult a professional for safe disposal options.
- Do not dispose of the barrel in regular household waste.

## **Contact Information for Further Support**

For any inquiries regarding safety or product information, please contact your local PROOF Research representative or visit the official website for support resources.

By following these guidelines, you can ensure the safe and effective use of your BOLTACTION 243 CALIBER STAINLESS STEEL BARRELS. Thank you for prioritizing safety.

# About Us

## Brownells UK

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

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