

BOLT-ACTION 243 CALIBER STAINLESS STEEL BARRELS - PROOF RESEARCH 243 CALIBER 1-7 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.

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.

Attributes

- Name: [PROOF RESEARCH 243 CALIBER 1-7 TWIST 28" STAINLESS STEEL COMPETITION BBL](#)

- Manufacturer: [PROOF RESEARCH](#)
- Product no.: 100046272
- Mfr. No.: 113714
- Barrel Weight: 7.12 lbs
- Cartridge: 243 Caliber
- Contour: Competition
- Finish: Stainless Steel
- Length: 28"
- Twist: 1-7
- Delivery weight: 4.082kg
- Shipping height: 76mm
- Shipping width: 102mm
- Shipping length: 838mm
- UPC: 843068113714

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 important safety instructions to ensure the safe use and handling of your barrel. Please read this document carefully before installation and usage.

General Safety Guidelines

- Ensure that your barrel is installed by a qualified gunsmith to guarantee proper threading and chambering.
- Always handle firearms and firearm components with care. Treat every firearm as if it is loaded.
- Store barrels in a cool, dry place away from moisture and direct sunlight to prevent corrosion.
- Regularly inspect your barrel for any signs of wear or damage before use.
- Keep the barrel out of reach of children and unauthorized users.

Specific Safety Precautions for Use

- Use only compatible ammunition as specified for your barrel to prevent malfunctions or accidents.
- Do not exceed the manufacturer's recommended chamber pressures when using your barrel.
- Avoid using damaged or corroded barrels. If any defects are found, cease use immediately and consult a qualified gunsmith.
- Be aware of your surroundings and ensure a safe shooting area when using your firearm.
- Always wear appropriate eye and ear protection when firing.

Instructions for Installation and Usage

1. Installation:

- Have a qualified gunsmith install the barrel to ensure proper fit and alignment.
- Ensure that the barrel is securely attached to the receiver of the firearm.
- Verify that the barrel is chambered correctly for the intended cartridge.

2. Usage:

- Before each use, check that the barrel is free of obstructions.
- Ensure that the firearm is pointed in a safe direction when loading and unloading.
- Follow all standard operating procedures for your specific firearm model when using the barrel.

Disposal Instructions

- Dispose of any damaged or worn barrels according to local regulations for hazardous waste.
- Do not discard barrels in regular trash. Contact local authorities for proper disposal methods.

Contact Information for Further Support

For any inquiries related to safety or product concerns, please reach out to the appropriate contact point within your EU country. Ensure you have the product details ready for assistance.

Conclusion

By following these safety guidelines and instructions, you can help ensure a safe and enjoyable experience with your BOLTACTION 243 CALIBER STAINLESS STEEL BARRELS. Always prioritize safety and consult professionals when in doubt. Thank you for your attention to these important safety measures.

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