

BRN-4 BARRELS 5.56X45MM - BROWNELLS BRN-4 5.56MM 10.4" 1-7 TWIST HEAVY NITRIDE BARREL

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

Brownells BRN-4 HK® 416 compatible barrels, available in a variety of lengths and two contours. Historically extremely hard to procure, HK® 416 compatible barrels are now available as part of the BRN-4 lineup. These barrels machined by Faxon, fit early generations of HK® 416 upper receivers and components. They are the perfect fit with the BRN-4 bolt carrier group and gas block (search "BRN-4" for all parts). Available in common barrel lengths of 10.4, 14.5 and 16 inch, these barrels are suitable for any need. You can select the classic "heavy" profile, which is similar to the profile found on earlier HK® 416 models, ensuring barrel rigidity with minimal flex, or you can pick the new "medium" profile, which saves weight and makes the rifle quite handy. Barrels are button rifled with a 1-7 twist and have commonly used ½-28 muzzle threads for the attachment of the muzzle device of your choice. A deep black nitride finish provides an extremely hard exterior and interior, that is easy to clean. The longer barrel extension of the BRN-4 allows for a robust matchup to the upper receiver, and a simple install with the BRN-4 barrel nut (430-100-141). 5.56x45mm NATO chamberings allow for a wide variety of commercially found ammunition to function, as well as 223 Remington cartridges. No need to worry about picking the right gas system length, as all of these barrels have the same piston rod assembly (078-000-644), just be sure to pick the correct BRN-4 gas block to match your overall barrel length, (078-000-708 & 078-000-709). Be sure to pick up the gas block coil pins for final assembly as well (430-103-127). Recommended Barrel Nut Torque: 50-80 ft/lbs.



Attributes

- Name: [BROWNELLS BRN-4 5.56MM 10.4" 1-7 TWIST HEAVY NITRIDE BARREL](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080001439
- Mfr. No.: BN-BRN4556-10.4
- Cartridge: 5.56 x 45
- Contour: Heavy
- Finish: Black Nitride
- Gas System Length: 416
- Length: 10.4"
- Model: BRN-4
- Muzzle Threads: 1/2-28
- Twist: 1-7
- Weapon type: Brownells, Heckler & Koch
- Delivery weight: 0.522kg
- Shipping height: 25mm
- Shipping width: 25mm
- Shipping length: 286mm
- UPC: 050806500709

Item details

Made in USA

US export classification: 0A501.c

Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for BRN4 Barrels 5.56x45mm](#)
- [About Us](#)

Safety Instruction Guide for BRN4 Barrels

5.56x45mm

Introduction

Thank you for choosing the BRN4 Barrels 5.56x45mm. This guide provides essential safety information and instructions for the proper use, installation, and disposal of your barrel. Please read this document carefully to ensure safe and effective use of the product.

General Safety Guidelines

- Always handle firearms and firearm components with care.
- Ensure that you are familiar with the laws and regulations regarding firearm ownership and use in your area.
- Keep the barrel and all firearm components out of reach of children and unauthorized users.
- Inspect the barrel for any signs of damage or wear before each use.
- Use only ammunition that is compatible with the 5.56x45mm NATO chambering.
- Always wear appropriate safety gear, including eye and ear protection, when using firearms.
- Store the barrel in a secure location when not in use.

Specific Safety Precautions for Use

- Ensure that the firearm is unloaded before installing or removing the barrel.
- Follow the manufacturer's recommendations for torque specifications when installing the barrel nut (5080 ft/lbs).
- Verify that the gas block is compatible with the BRN4 barrel and properly installed to avoid gas system failures.
- Be aware of the barrel's twist rate (17) and its implications for bullet stabilization.
- Do not exceed the maximum recommended pressure for the ammunition used.
- Regularly clean and maintain the barrel to prevent corrosion and ensure reliable performance.

Instructions for Installation and Usage

1. Installation

- Ensure the firearm is unloaded and pointed in a safe direction.
- Remove the existing barrel from the upper receiver according to the manufacturer's instructions.
- Align the BRN4 barrel with the upper receiver.
- Install the BRN4 barrel nut (430100141) and tighten to the recommended torque of 5080 ft/lbs.
- Attach the compatible gas block (078000708 or 078000709) ensuring it matches the barrel length.
- Install the gas block coil pins (430103127) for final assembly.
- Confirm that all components are securely fastened and properly aligned.

2. Usage

- Load the firearm with 5.56x45mm NATO or .223 Remington ammunition only.
- Ensure that the gas system length is appropriate for the barrel and that the piston rod assembly (078000644) is installed correctly.
- Conduct a function check to ensure that the firearm operates correctly with the new barrel installed.
- Always follow safe shooting practices and be aware of your surroundings when using the firearm.

Disposal Instructions

- Dispose of the barrel and any associated components in accordance with local regulations.
- If the barrel is damaged or no longer in use, consider contacting a local firearms dealer for proper disposal methods.
- Ensure that all parts are rendered inoperable prior to disposal to prevent misuse.

Contact Information for Further Support

For any safety inquiries or further assistance regarding the BRN4 barrels, please refer to the manufacturer's contact point as indicated on the product packaging or the official website.

Conclusion

By following these safety instructions and guidelines, you can ensure the safe and effective use of the BRN4 Barrels 5.56x45mm. Always prioritize safety and compliance with local laws when handling firearms and their components. 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