

# "BACK-BORE" REAMERS - CLYMER 12 GAUGE BACK-BORE HANDLE

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## Enlarges Bore To Easily Change Bore-To-Choke Constrictions

Back-boring reamers are invaluable for all shops that do shotgun work, especially choke and barrel modifications. Reamers available in .005" increments from .725" to .740" in 12 gauge. Lead angle of reamer matches the angle of most chokes to blend into an existing choke. Many possible uses. Shortened barrels may be back-bored to within 2" to 3" of muzzle to provide a degree of constriction or "choke" in what would otherwise be a cylinder bore barrel. A choked barrel can be back-bored to enlarge the bore to provide "extra" constriction for competitive shooters. For rough pitted bores, these reamers provide an effective and efficient means of removing pits to enhance both appearance and performance. Faster and more effective than grinding or polishing. 12 gauge, 34" extension handles available.

## Attributes

- Name: [CLYMER 12 GAUGE BACK-BORE HANDLE](#)
- Manufacturer: [CLYMER](#)
- Product no.: 184030012
- Mfr. No.: EXTL34
- Cartridge: 12 Gauge
- Style: Back Bore
- Delivery weight: 1.306kg
- Shipping height: 25mm
- Shipping width: 51mm
- Shipping length: 876mm

## Item details

Made in USA

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# BACKBORE REAMERS CLYMER 12 GAUGE BACKBORE HANDLE Safety Instruction Guide

## Introduction

Thank you for choosing the BACKBORE REAMERS CLYMER 12 GAUGE BACKBORE HANDLE. This product is designed for use in shotgun modifications, specifically for backboring processes. Please read this safety instruction guide carefully to ensure safe and effective use of the product.

## General Safety Guidelines

- Always ensure that you are using the reamer in a wellventilated area.
- Wear appropriate personal protective equipment (PPE), including safety goggles and gloves, to protect against debris and sharp edges.
- Keep the work area organized and free from clutter to avoid accidents.
- Ensure that the reamer is stored safely when not in use to prevent unauthorized access, especially by children.
- Regularly inspect the reamer for any signs of wear or damage. Do not use if damaged.
- Follow all local laws and regulations regarding the modification of firearms.

## Specific Safety Precautions for Use

- Only use the BACKBORE REAMERS for their intended purpose as specified in this guide.
- Ensure that the firearm is unloaded and safe before beginning any work.
- Use the reamer with the correct handle and extension to maintain control during operation.
- Do not exceed the recommended depth of backboring to avoid compromising the barrel integrity.
- Always maintain a firm grip on the reamer while in use to prevent slippage.
- Be cautious of hot surfaces during and after operation, as reamers can become heated.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure the firearm is completely unloaded and all safety measures are in place.
- Gather necessary tools and safety equipment before beginning.

### 2. Choosing the Correct Reamer:

- Select the appropriate reamer size for your modification needs, available in .005" increments from .725" to .740".

### 3. Attaching the Reamer:

- Securely attach the BACKBORE REAMER to the appropriate handle.
- Ensure that the connection is tight to prevent disconnection during use.

### 4. Performing BackBoring:

- Position the reamer at the desired entry point of the barrel.
- Apply steady, even pressure while turning the reamer clockwise.
- Periodically check the depth to ensure you do not exceed the recommended limits.
- Clean the bore regularly to remove debris during the process.

### 5. Finishing Up:

- Once the desired bore size is achieved, carefully remove the reamer.
- Clean the reamer and the work area thoroughly after use.
- Store the reamer in a safe and dry place.

## **Disposal Instructions**

- Dispose of any damaged or worn reamers in accordance with local regulations for metal waste.
- Do not throw the reamer in regular household waste; check for recycling options in your area.

## **Contact Information for Further Support**

If you have any questions or need further assistance regarding the BACKBORE REAMERS, please consult the manufacturer or your local retailer for support. Always ensure that you are following the latest safety guidelines and regulations.

Thank you for your attention to these safety instructions. Safe modifications and happy shooting!

# About Us

## Brownells UK

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

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