

# PRECISION REAMERS MUZZLE CROWN REFACING KIT - MANSON PRECISION 5 PILOT MANUAL CROWN KIT

[Gunsmith Tools](#) > [Barrel Tools](#) > [Barrel Chamfering Tool Kits](#)

## No Lathe Way To Cut A Perfect Crown In Minutes & Improve Accuracy

Hand driver with spring-loaded adapter provides a fast, no lathe way to cut a smooth, concentric muzzle crown on both rifle and handgun barrels for an immediate improvement in accuracy. Expandable pilots provide precise alignment of the facing cutter with the bore. Includes two facing cutters for 0° or 11° crowns, each with precision ground three-blade inserts that quickly and easily remove the toughest material and provide a perfectly square barrel crown. Outside chamfer cutter deburrs the sharp edges for a clean, even finish. Kits include 0° facing cutter, 11° facing cutter, outside chamfer cutter, and two or five pilots depending on kit, plus a 1/8" pilot wrench, 5/64" allen wrench, setup gauge, power driver or manual handle, adapter, instructions, and storage case. Manual version includes a manual handle and adapter for slow even cuts and precise indexing of muzzle brakes. 2-Pilot Kit contains .22 and .30 caliber pilots. 5-Pilot Kit contains .22, .30, 6mm, 7mm, and .338 caliber pilots.



Modified power driver with spring-loaded adapter provides a fast, no lathe way to cut a smooth, concentric muzzle crown on both rifle and handgun barrels for an immediate improvement in accuracy. Expandable pilots provide precise alignment of the facing cutter with the bore. Spring-loaded adapter with neoprene damper absorbs vibration providing a consistent, chatter-free cut. Includes two facing cutters for 0° or 11° crowns, each with precision ground three-blade inserts that quickly and easily remove the toughest material and provide a perfectly square barrel crown. Outside chamfer cutter deburrs the sharp edges for a clean, even finish. Kits include 0° facing cutter, 11° fa

## Attributes

- Name: [MANSON PRECISION 5 PILOT MANUAL CROWN KIT](#)
- Manufacturer: [MANSON PRECISION](#)
- Product no.: 513000039
- Mfr. No.: NONE
- Caliber: 22 Caliber (.223-.224),243/6 mm (.243),284/7 mm (.284),30 Caliber (.308),338 Caliber (.338)
- Degree: 11
- Material: Steel
- Delivery weight: 1.225kg
- Shipping height: 74mm
- Shipping width: 244mm
- Shipping length: 338mm

## Item details

Made in USA

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for PRECISION REAMERS MUZZLE CROWN REFACING KIT](#)
- [About Us](#)

# Safety Instruction Guide for PRECISION REAMERS MUZZLE CROWN REFACING KIT

## Introduction

Thank you for choosing the PRECISION REAMERS MUZZLE CROWN REFACING KIT by MANSON PRECISION. This product is designed to help you achieve a smooth, concentric muzzle crown on both rifle and handgun barrels, enhancing accuracy. To ensure safe and effective use of this product, please read and follow the safety guidelines and instructions outlined in this document.

## General Safety Guidelines

- Always read the instructions thoroughly before using the product.
- Ensure that the work area is clean, welllit, and free from obstructions.
- Keep the product out of reach of children and vulnerable individuals.
- Use personal protective equipment, including safety goggles and gloves, to protect against debris and sharp edges.
- Do not use the product for any purpose other than intended; misuse may lead to injury or damage.
- Be aware of your surroundings and ensure that no one is in the immediate area when operating the tool.
- Regularly inspect the product for wear and tear. Do not use if any components are damaged.
- Dispose of any waste materials according to local regulations.

## Specific Safety Precautions for Use

- Use the power driver in accordance with the manufacturer's instructions to avoid electrical hazards.
- Ensure the springloaded adapter is properly secured before use to prevent accidental release.
- Always use the appropriate pilot size for the caliber you are working on to avoid misalignment.
- Do not exceed the recommended speed settings on your power driver to prevent overheating.
- Avoid forcing the tool through the material; let the cutters do the work for a smoother finish.
- Always deburr sharp edges after cutting to prevent cuts and injuries.
- If you experience any unusual vibrations or noises during use, stop immediately and inspect the tool.
- Store the kit in a cool, dry place when not in use to prolong its lifespan.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and equipment, including the power driver, facing cutters, chamfer cutter, pilots, and wrenches.
- Ensure the workpiece is securely clamped and stable.

### 2. Installing the Cutter:

- Select the appropriate facing cutter (0° or 11°) based on your requirements.
- Attach the cutter to the springloaded adapter, ensuring it is securely fastened.

### 3. Choosing the Pilot:

- Select the correct pilot for the caliber you are working with. The kit includes pilots for .22, .30, 6mm, 7mm, and .338 calibers.
- Insert the pilot into the bore of the barrel.

### 4. Using the Power Driver:

- Connect the springloaded adapter to the power driver.
- Turn on the power driver and allow it to reach the desired speed before making contact with the material.
- Gently guide the cutter into the muzzle crown area, allowing the tool to do the work without excessive pressure.

#### **5. Finishing:**

- After achieving the desired crown, remove the cutter and pilot carefully.
- Use the outside chamfer cutter to deburr any sharp edges.
- Clean the work area and dispose of any debris responsibly.

## **Disposal Instructions**

- Dispose of the product and any associated materials in accordance with local regulations.
- Do not dispose of the product in regular household waste; check for recycling options available in your area.

## **Contact Information for Further Support**

For any inquiries or concerns regarding the safety or usage of this product, please refer to the contact information provided by the manufacturer in the product packaging or manual.

By following these safety instructions, you can ensure a safe and effective experience with the PRECISION REAMERS MUZZLE CROWN REFACING KIT. Always prioritize safety and proper usage to achieve the best results.

# 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](http://www.brownells.co.uk)