

# PRECISION REAMERS MUZZLE CROWN REFACING KIT - MANSON PRECISION 2 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.



## Attributes

- Name: [MANSON PRECISION 2 PILOT MANUAL CROWN KIT](#)
- Manufacturer: [MANSON PRECISION](#)
- Product no.: 513000038
- Mfr. No.: NONE
- Caliber: 22 Caliber (.223-.224),30 Caliber (.308)
- Degree: 11
- Material: Steel
- Delivery weight: 1.066kg
- Shipping height: 71mm
- 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 purchasing the PRECISION REAMERS MUZZLE CROWN REFACING KIT. This kit 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 instructions provided in this guide.

## General Safety Guidelines

- Ensure that the product is used only for its intended purpose.
- Keep the kit out of reach of children and vulnerable individuals.
- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, when using the kit.
- Inspect the kit and all components before use. Do not use if any part is damaged or missing.
- Follow all instructions carefully to avoid accidents and injuries.
- Store the kit in a secure location to prevent unauthorized access.

## Specific Safety Precautions for Use

- Handle the tools with care to avoid cuts or injuries.
- Use the manual handle and adapter for slow, even cuts to maintain control during operation.
- Ensure that the firearm is unloaded and pointed in a safe direction before beginning any work.
- Do not force the cutter through the material; let the tool do the work to prevent damage.
- Be cautious of sharp edges on the chamfer cutter after use. Always deburr edges to avoid injury.
- Ensure proper ventilation when using the kit in enclosed spaces to avoid inhalation of debris.
- Avoid wearing loose clothing or jewelry that could get caught in the tools.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure the firearm is unloaded and safely secured.
- Gather all necessary components from the kit: 0° facing cutter, 11° facing cutter, outside chamfer cutter, pilots, pilot wrench, allen wrench, setup gauge, and storage case.

### 2. Choosing the Right Pilot:

- Select the appropriate pilot for your caliber (either .22 or .30 for the 2Pilot Kit, or .22, .30, 6mm, 7mm, and .338 for the 5Pilot Kit).

### 3. Attaching the Cutter:

- Attach the chosen facing cutter to the springloaded adapter.
- Securely fasten the pilot to the manual handle or power driver.

### 4. Aligning the Cutter:

- Insert the pilot into the bore of the barrel.
- Ensure that the facing cutter is aligned concentrically with the bore.

### 5. Making the Cut:

- Apply light pressure and turn the manual handle or power driver slowly.
- Allow the tool to cut without forcing it through the material.

## 6. Finishing the Crown:

- After achieving the desired crown, use the outside chamfer cutter to deburr sharp edges for a clean finish.

## 7. Cleaning and Maintenance:

- After use, clean all components to remove any debris.
- Store the kit in its case to keep it organized and protected.

## Disposal Instructions

- Dispose of any damaged or worn components according to local regulations.
- Ensure that all tools are cleaned and securely stored before disposal.
- Recycle packaging materials where possible.

## Contact Information for Further Support

For any questions or concerns regarding the use of this product, please refer to the manufacturer's contact information included in the product packaging or visit the manufacturer's website for additional resources.

**Note:** Always stay informed about product recalls and safety updates through the EU's Safety Gate platform. Report any unsafe products or accidents to the appropriate authorities. Your safety is our priority.

# About Us

## Brownells UK

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