

# **GUNSMITH VISE PROTECTIVE INTERCHANGEABLE JAWS - BROWNELLS GUNSMITH BENCH VISE JAW, FELT**

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Specialized Jaws Help You Get the Most from Your Brownells Bench Vise Jaw inserts slip over the factory jaws of your Brownells Gunsmith's Bench Vise and let you customize your vise for specific projects and types of workpieces. They are faced with different types of material that aid in gripping parts securely, while minimizing risk of damaging or scratching them. The insert bodies made of lightweight yet strong aluminum and are held in place on the vise by powerful rare-earth magnets. The aluminum material prevents the magnets from magnetizing steel parts held in the jaws. Prism Soft Jaws - Polyurethane prism jaw inserts are designed for securely clamping delicate round and oval workpieces without risk of damaging them. "Prism"-shaped cutouts of various sizes in the polyurethane help position the workpieces securely. The soft polyurethane face that is extremely flexible yet resistant to deforming or taking a permanent "set." Once pressure is removed, they will return to their original shape. This material also will not harden with age. Checkered Soft Jaws - These polyurethane jaw inserts have a unique "checkering" pattern on the gripping surfaces to hold delicate small parts without damaging them. The soft polyurethane face is extremely flexible yet resistant to deforming or taking a permanent "set." This material also will not harden with age. Prism Aluminum Jaws - These inserts have a hardness factor between that of copper and lead and are designed for securely clamping round/oval items in the Brownells Bench Vise. One horizontal prism-shaped cutout and three different vertical prisms are designed for securely clamping round or oval workpieces. The 90° cutout in the upper part of these jaws is designed for horizontal clamping of flat material. Grooved Aluminum Jaws - Help you securely clamp cylindrical work pieces in your Brownells vise. Six horizontal grooves hold workpieces securely in place, while a deeper center groove anchors bolts, rods, pins, and other cylindrical parts securely while you work on them. With a hardness factor between that of copper and lead, these jaws are naturally much softer than any steel item they will grasp, so you won't mar the work piece. Fiber Jaws - The dense fibrous material on the faces of these jaws securely holds finely machined or polished parts. The fibers will not mar the polished surface. The dense layers of fiber are heat-resistant and will not deform when clamping warm workpieces. Rubber Jaws - Designed specifically for holding very delicate wood and plastic parts, as well as thin-walled tubes, these jaw have a soft, synthetic rubber facing for gently holding fragile workpieces that can withstand only very light clamping force. The rubber material is backed by three layers of canvas, which counteracts the springy tendencies of the rubber and provides enough stiffness to hold the part securely. Felt Jaws - These jaw inserts have a felt face that is designed for clamping extremely delicate workpieces. The special abrasion-resistive felt material conforms closely the contours of the workpiece, so minimal clamping force is needed to hold the piece in place. Even the most delicate workpieces can be anchored without damaging them. Replacement Factory Steel Jaws - These are the same steel jaws that came installed on your Brownells Gunsmith's Bench Vise when it was new. Over time, the original jaws may become worn or damaged. They are easily replaced by simply removing the two bolts securing each jaw and replacing them with these. The bolts are inserted from the exterior of the jaw body, making them easier to install and less likely to be damaged. Like the originals, these jaws have both a smooth



face and a "checkered" textured face. Use the side that works best for the project at hand.

## Attributes

- Name: [BROWNELLS GUNSMITH BENCH VISE JAW, FELT](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 430108313
- Mfr. No.: 113 120
- Delivery weight: 0.2kg
- Shipping height: 25mm
- Shipping width: 130mm
- Shipping length: 25mm
- UPC: 050806001008

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# BROWNELLS GUNSMITH VISE PROTECTIVE INTERCHANGEABLE JAWS SAFETY INSTRUCTIONS

## Introduction

Thank you for choosing the Brownells Gunsmith Vise Protective Interchangeable Jaws. This product is designed to enhance the functionality of your Brownells Gunsmith's Bench Vise while ensuring the safety of your workpieces. Please read this safety instruction guide carefully to ensure safe and effective use of the product.

## General Safety Guidelines

To ensure the safe use of the Brownells Gunsmith Vise Protective Interchangeable Jaws, please adhere to the following guidelines:

- Always inspect the jaws for damage or wear before use.
- Ensure that the vise is securely mounted and stable before clamping any workpieces.
- Use the appropriate jaw inserts for the specific type of workpiece you are handling.
- Keep the work area clean and free of unnecessary clutter to avoid accidents.
- Store the interchangeable jaws in a dry place, away from moisture and extreme temperatures.
- Do not exceed the recommended clamping force for any specific jaw insert.
- Follow all manufacturer instructions for installation and usage.

## Specific Safety Precautions for Use

When using the Brownells Gunsmith Vise Protective Interchangeable Jaws, please observe the following specific safety precautions:

- **Prism Soft Jaws:** Use for delicate round and oval workpieces. Ensure the workpiece is properly positioned within the cutouts to prevent slippage.
- **Checkered Soft Jaws:** Ideal for small parts. Make sure the checkered pattern is aligned with the workpiece to enhance grip without damage.
- **Prism Aluminum Jaws:** Suitable for round or oval items. Ensure the horizontal and vertical prisms are correctly aligned for secure clamping.
- **Grooved Aluminum Jaws:** Use for cylindrical workpieces. Ensure that the workpiece fits securely within the grooves to avoid movement during work.
- **Fiber Jaws:** Designed for finely machined or polished parts. Always check that the fibers are clean to prevent marring of surfaces.
- **Rubber Jaws:** Use for delicate wood and plastic parts. Avoid excessive clamping force to prevent damage to fragile components.
- **Felt Jaws:** Perfect for extremely delicate workpieces. Minimal clamping force is required; ensure the felt conforms to the workpiece contours.
- **Replacement Factory Steel Jaws:** When replacing, ensure the bolts are securely fastened to prevent jaw detachment during use.

## Instructions for Installation and Usage

To properly install and use the Brownells Gunsmith Vise Protective Interchangeable Jaws, please follow these steps:

### 1. Installation:

- Remove the existing jaws from the Brownells Gunsmith's Bench Vise by unscrewing the two bolts securing each jaw.

- Select the appropriate interchangeable jaw insert based on your project needs.
- Align the jaw insert with the vise jaws and securely attach it using the bolts provided.
- Ensure that the bolts are inserted from the exterior of the jaw body for easier installation and reduced risk of damage.

## 2. Usage:

- Position your workpiece securely within the installed jaw inserts.
- Gradually clamp the vise to hold the workpiece in place.
- Monitor the pressure applied to avoid exceeding the recommended clamping force.
- After completing your work, release the clamping pressure slowly and carefully remove the workpiece.

## Disposal Instructions

When disposing of the Brownells Gunsmith Vise Protective Interchangeable Jaws, please follow these guidelines:

- Dispose of any damaged or worn jaw inserts in accordance with local waste disposal regulations.
- Recycle aluminum and other materials where applicable.
- Do not dispose of the product in general waste if it contains any hazardous materials; follow local regulations for hazardous waste disposal.

## Contact Information for Further Support

For any safety inquiries or further support regarding the Brownells Gunsmith Vise Protective Interchangeable Jaws, please consult the official Brownells website or contact your local retailer.

Thank you for your attention to these safety instructions. Your safety and satisfaction are our top priorities.

# About Us

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