

GUNSMITH VISE PROTECTIVE INTERCHANGEABLE JAWS - BROWNELLS GUNSMITH BENCH VISE JAW, POLYURETHANE GROOVED

[Gunsmith Tools](#) > [General Gunsmith Tools](#) > [Vises & Accessories](#) > [Vise Jaws](#)

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, POLYURETHANE GROOVED](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 430108308
- Mfr. No.: 107120
- Delivery weight: 0.2kg
- Shipping height: 25mm
- Shipping width: 130mm
- Shipping length: 25mm
- UPC: 050806000957

Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for Brownells Gunsmith Vise Protective Interchangeable Jaws](#)
- [About Us](#)

Safety Instruction Guide for Brownells Gunsmith Vise Protective Interchangeable Jaws

Introduction

Thank you for choosing the Brownells Gunsmith Vise Protective Interchangeable Jaws. These specialized jaw inserts are designed to enhance the functionality of your Brownells Gunsmith's Bench Vise, allowing you to customize your vise for various projects while ensuring the safety of both the user and the workpieces. This guide provides essential safety instructions to ensure the safe and effective use of this product.

General Safety Guidelines

- Always read and understand the product manual before use.
- Inspect the vise and jaw inserts for any signs of damage or wear before each use.
- Ensure that the work area is clean and free from clutter to prevent accidents.
- Use appropriate personal protective equipment (PPE), such as safety glasses and gloves, when using the vise.
- Keep fingers, hands, and loose clothing away from moving parts.
- Store jaw inserts in a safe place when not in use to avoid damage or injury.

Specific Safety Precautions for Use

- **Prism Soft Jaws:** Ensure that delicate workpieces are securely positioned within the prism cutouts to prevent slippage.
- **Checkered Soft Jaws:** Use these jaws for small parts; ensure they are clamped without excessive force to avoid damage.
- **Prism Aluminum Jaws:** Ensure proper alignment when clamping round or oval items to prevent crushing or marring.
- **Grooved Aluminum Jaws:** Verify that workpieces are securely seated in the grooves before applying pressure.
- **Fiber Jaws:** Use these jaws only for finely machined or polished parts to prevent surface damage.
- **Rubber Jaws:** Ideal for delicate materials; apply only light clamping force to avoid crushing.
- **Felt Jaws:** Use minimal clamping force to secure extremely delicate workpieces without causing damage.
- **Replacement Factory Steel Jaws:** Ensure that the jaws are properly secured and tightened to avoid accidents during use.

Instructions for Installation and Usage

1. Installation of Jaw Inserts:

- Remove the existing jaws from the Brownells Gunsmith's Bench Vise by unscrewing the bolts securing each jaw.
- Select the appropriate jaw insert for your project.
- Align the jaw insert with the vise and slide it over the factory jaws.
- Secure the jaw insert in place using the builtin rareearth magnets.
- Ensure the insert is firmly attached before proceeding.

2. Using the Vise:

- Position the workpiece within the jaw inserts, ensuring it is stable and secure.
- Slowly tighten the vise handle to clamp the workpiece, checking for any movement.
- If using delicate materials, monitor the pressure applied to avoid damaging the workpiece.
- Once the work is complete, carefully release the tension on the vise and remove the workpiece.

3. Regular Maintenance:

- Periodically inspect the jaw inserts for wear and tear.
- Clean the jaw surfaces to maintain optimal gripping performance.
- Replace any worn or damaged jaw inserts immediately to ensure safety.

Disposal Instructions

- Dispose of any worn or damaged jaw inserts in accordance with local waste disposal regulations.
- Do not dispose of the product in household waste. Instead, consider recycling options for metal and plastic components where available.

Contact Information for Further Support

For any safety inquiries or further assistance regarding the Brownells Gunsmith Vise Protective Interchangeable Jaws, please refer to the product packaging for the EUbased contact information.

By following these safety instructions, you can ensure a safe and effective experience while using the Brownells Gunsmith Vise Protective Interchangeable Jaws. Thank you for prioritizing safety in your work.

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