

GUNSMITH VISE PROTECTIVE INTERCHANGEABLE JAWS - BROWNELLS GUNSMITH BENCH VISE JAW, STEEL REVERSIBLE

[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, STEEL REVERSIBLE
- Manufacturer: BROWNELLS
- Product no.: 430108314
- Mfr. No.: 116120
- Delivery weight: 0.34kg
- Shipping height: 25mm
- Shipping width: 130mm
- Shipping length: 25mm
- UPC: 050806001015

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. This guide provides essential safety instructions and usage guidelines to ensure safe operation and maintenance of your vise. Please read this document thoroughly before using the product.

General Safety Guidelines

- Ensure that the vise is securely mounted to a stable work surface before use.
- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, when working with the vise.
- Keep the work area clean and organized to prevent accidents.
- Do not exceed the clamping capacity of the jaws to avoid damage to the workpiece or the vise.
- Regularly inspect the vise and jaw inserts for wear and damage. Replace any worn or damaged parts immediately.
- Ensure that all tools and materials are suitable for use with the vise to avoid unexpected hazards.
- Be aware of your surroundings and ensure that no one is in the immediate area when using the vise.
- Follow all local safety regulations and guidelines when using the product.

Specific Safety Precautions for Use

- **Prism Soft Jaws:** Use these inserts for delicate round and oval workpieces. Avoid applying excessive pressure that may deform the workpiece.
- **Checkered Soft Jaws:** Ideal for holding small parts. Ensure proper alignment to prevent slippage during use.
- **Prism Aluminum Jaws:** Designed for round/oval items. Do not use these jaws for flat materials unless the 90° cutout is utilized.
- **Grooved Aluminum Jaws:** Suitable for cylindrical workpieces. Ensure that the workpiece is securely held in place before applying force.
- **Fiber Jaws:** Use these for finely machined or polished parts. Avoid clamping excessively warm workpieces to prevent deformation.
- **Rubber Jaws:** Only for delicate wood and plastic parts. Do not exceed light clamping force to avoid damage.
- **Felt Jaws:** Designed for extremely delicate items. Minimal clamping force is required; check the workpiece frequently to avoid damage.
- **Replacement Factory Steel Jaws:** Ensure proper installation to maintain the integrity of the vise. Follow installation instructions closely.

Instructions for Installation and Usage

1. Installation of Jaws:

- Remove the existing jaws by unscrewing the bolts securing each jaw.
- Align the new jaw insert with the mounting holes on the vise.
- Insert and tighten the bolts securely to hold the jaw in place.
- Ensure that the jaw is properly aligned and functioning before use.

2. Using the Vise:

- Place the workpiece between the jaws.

- Gradually tighten the vise handle until the workpiece is securely clamped.
- Check the stability of the workpiece before proceeding with any work.
- Always release pressure on the vise when not in use to prevent wear.

3. Maintenance:

- Regularly clean the jaws and the vise to prevent debris buildup.
- Inspect the jaw inserts for signs of wear or damage and replace as necessary.
- Store the vise in a dry location to prevent rust and corrosion.

Disposal Instructions

- Dispose of any worn or damaged jaw inserts in accordance with local regulations for waste disposal.
- If the vise itself is no longer usable, consult local guidelines for proper disposal or recycling.

Contact Information for Further Support

For any safety inquiries or additional support, please refer to the manufacturer's website or customer service resources. Ensure you have the product details ready for efficient assistance.

By following these safety guidelines and instructions, you can ensure a safe and effective experience when using your Brownells Gunsmith Vise Protective Interchangeable Jaws. Thank you for your attention to safety!

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