

# SOLID CARBIDE DRILL BIT #28 (8-40)

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## For Hard Receivers

**SOLID CARBIDE DRILL BIT** The Brownells Solid Carbide Drill Bit is a precision-engineered tool designed to tackle the challenges of drilling into hardened steel components commonly encountered in firearms, such as the 03A3 receivers. Its specialized single-flute design ensures clean, accurate holes without causing chatter or work hardening, making it an indispensable asset for professional gunsmiths. Key Features: Single-Flute Design: This unique design allows the drill to cut clean chips in the hardest file steel, ensuring true and precise holes without causing chatter or crumbling of the material. Optimal Length: Measuring 2 inches in length, the drill provides adequate quill clearance when used with scope or sight mounting jigs, facilitating ease of use in various gunsmithing setups. Efficient Performance: When properly maintained, the drill resists binding or breaking. Its design prevents work hardening of the hole surface, thereby reducing the likelihood of tap breakage during subsequent threading operations. Specifications: Material: Solid carbide construction for enhanced durability and longevity. Available Sizes: No. 31 (6-48) No. 28 (8-40) Recommended Usage: Ideal for drilling through hardened steels; not recommended for use in softer steels. Should be employed when other drills have failed or when the hardness of the steel is known to be challenging. Customer Insights: Our customers commend the Brownells Solid Carbide Drill Bit for its exceptional performance in drilling through hardened steel components. Many have found it particularly effective in situations where standard drills fall short, appreciating its ability to maintain precision without causing material damage. The drill's durability and resistance to wear have made it a favored choice among professionals seeking reliable tools for demanding gunsmithing tasks. Incorporating the Brownells Solid Carbide Drill Bit into your gunsmithing toolkit ensures you are equipped with a high-quality, reliable tool capable of handling the most challenging drilling tasks in firearm maintenance and customization. Its specialized design and robust construction make it an invaluable asset for achieving precise and efficient results.



## Attributes

- Name: [SOLID CARBIDE DRILL BIT #28 \(8-40\)](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080660028
- Mfr. No.: 200 00140 0001
- Bit Size: 8-40
- Color: Silver
- Material: High Speed Steel
- Style: Bottom- Tap Style
- Delivery weight: 0.005kg
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 050806017139

## Item details

Made in USA

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# Safety Instruction Guide for Brownells Solid Carbide Drill Bit

## Introduction

Thank you for choosing the Brownells Solid Carbide Drill Bit. This precisionengineered tool is designed for drilling into hardened steel components, making it an essential asset for professional gunsmiths and hobbyists alike. To ensure safe and effective use of this product, please read and follow the safety instructions outlined in this guide.

## General Safety Guidelines

- Always use the drill bit in accordance with the manufacturer's recommendations.
- Ensure that the work area is clean and free from clutter to prevent accidents.
- Wear appropriate personal protective equipment (PPE), including safety goggles and gloves, to protect against debris and sharp edges.
- Keep the drill bit out of reach of children and unauthorized users.
- Regularly inspect the drill bit for signs of wear or damage before use.
- Store the drill bit in a safe and dry location when not in use.

## Specific Safety Precautions for Use

- **Hazard Identification:**
  - The drill bit is designed for use on hardened steel. Using it on softer materials may result in damage to the bit and can cause injury.
  - Be aware of the risk of binding or breaking during use, which can lead to personal injury.
- **Avoiding Hazards:**
  - Always ensure that the drill bit is securely held in the drill chuck before use.
  - Do not exceed the recommended drilling speed for the material you are working with.
  - Do not apply excessive force when drilling; let the drill bit do the work.
  - Ensure that hands and other body parts are clear of the drill bit during operation.

## Instructions for Installation and Usage

- **Installation:**
  1. Ensure the drill is unplugged or the battery is removed before installing the drill bit.
  2. Insert the drill bit into the drill chuck and tighten securely.
  3. Check that the drill bit is properly aligned and securely fastened.
- **Usage:**
  - Set the drill to the appropriate speed setting for hardened steel.
  - Position the drill bit at the desired drilling location.
  - Begin drilling at a slow speed to create a pilot hole, then increase speed as necessary.
  - Maintain a steady pressure while drilling and avoid forcing the drill.
  - After drilling, remove the drill bit carefully and inspect it for damage.

## Disposal Instructions

- Dispose of the drill bit responsibly in accordance with local regulations.
- Do not dispose of the drill bit in regular household waste.
- Consider recycling options for carbide materials where available.

## Contact Information for Further Support

For any inquiries regarding safety or product performance, please contact the manufacturer directly through their official channels.

## Conclusion

By following these safety instructions, you can ensure the safe and effective use of the Brownells Solid Carbide Drill Bit. Always prioritize safety and proper handling to enhance your drilling experience and maintain the integrity of your tools. Thank you for your attention to these important guidelines.

# About Us

## Brownells Austria

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