

# SOLID CARBIDE DRILL BIT #29 (8-32)

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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 #29 \(8-32\)](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080660029
- Mfr. No.: 20013600
- Bit Size: 8-32
- Color: Silver
- Material: High Speed Steel
- Style: Bottom- Tap Style
- Delivery weight: 0.009kg
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 697604202444

## Item details

Made in USA

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# Safety Instruction Guide for Brownells Solid Carbide Drill Bit #29 (832)

## Introduction

Thank you for choosing the Brownells Solid Carbide Drill Bit #29 (832). This precisionengineered tool is designed for drilling into hardened steel components in firearms. To ensure safe and effective use, please read this safety instruction guide thoroughly.

## General Safety Guidelines

- Always use the drill bit in accordance with the manufacturer's instructions.
- Ensure that the work area is clean and welllit to minimize the risk of accidents.
- Keep the drill bit out of reach of children and unauthorized users.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when using the drill bit.
- Be aware of your surroundings and ensure that no one is in close proximity while operating the drill.
- Regularly inspect the drill bit for any signs of wear or damage before use.

## Specific Safety Precautions for Use

- Handle the drill bit with care to avoid injury from sharp edges.
- Always secure the workpiece properly before drilling to prevent movement.
- Use the drill bit only for its intended purpose; do not attempt to drill softer materials.
- Avoid excessive force when drilling; let the drill bit do the work to prevent binding or breakage.
- If the drill bit becomes stuck, stop immediately and assess the situation. Do not force it out.
- Store the drill bit in a safe and dry place when not in use to prevent damage.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and safety equipment.
- Ensure that the drill is compatible with the drill bit size (832).

### 2. Installation:

- Insert the drill bit into the drill chuck securely.
- Tighten the chuck according to the manufacturer's instructions to ensure the bit is firmly held in place.

### 3. Usage:

- Position the drill bit at the desired drilling location.
- Start the drill at a low speed to create a pilot hole, if necessary.
- Gradually increase the speed while applying steady pressure.
- Monitor the drilling process closely and adjust pressure as needed to prevent overheating.
- After completing the drilling, remove the drill bit carefully from the workpiece.

### 4. PostUsage:

- Clean the drill bit after use to remove any debris or chips.
- Inspect the drill bit for any signs of damage or wear.

- Store the drill bit in its designated case or holder.

## **Disposal Instructions**

- Dispose of the drill bit in accordance with local regulations for hazardous waste.
- Do not throw the drill bit in regular trash as it may pose a safety hazard.
- Consider recycling options if available in your area.

## **Contact Information for Further Support**

For any safety inquiries or concerns regarding the Brownells Solid Carbide Drill Bit, please refer to the manufacturer's website or customer service for assistance.

By following these safety guidelines and instructions, you can ensure a safe and effective drilling experience with the Brownells Solid Carbide Drill Bit #29 (832). Thank you for prioritizing safety in your tools and practices.

# About Us

## Brownells Austria

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