

SOLID CARBIDE DRILL BIT #33 (6-40)

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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 #33 \(6-40\)](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080660033
- Mfr. No.: 20011300
- Bit Size: 6-40
- Color: Silver
- Material: High Speed Steel
- Style: Bottom- Tap Style
- Delivery weight: 0.005kg
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 697604202116

Item details

Made in USA

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Safety Instruction Guide for Brownells Solid Carbide Drill Bit #33 (640)

Introduction

Thank you for choosing the Brownells Solid Carbide Drill Bit #33 (640). This precisionengineered tool is designed for drilling into hardened steel components, making it an essential addition to your gunsmithing toolkit. To ensure safe and effective use of this product, please read and follow the safety instructions outlined in this guide.

General Safety Guidelines

- Always handle the drill bit with care to avoid injury.
- Use appropriate personal protective equipment (PPE), such as safety glasses and gloves, while using the drill bit.
- Ensure that the drill bit is compatible with your drilling equipment before use.
- Keep the drill bit out of reach of children and unauthorized users.
- Regularly inspect the drill bit for any signs of damage or wear before use.
- Store the drill bit in a safe, dry place when not in use to prevent damage.

Specific Safety Precautions for Use

- Use the drill bit only for its intended purpose: drilling through hardened steel.
- Do not use the drill bit on softer materials, as this may lead to damage or ineffective performance.
- Ensure that the workpiece is securely clamped before drilling to prevent movement.
- Avoid using excessive force while drilling; let the drill bit do the work.
- Do not attempt to drill through materials that exceed the recommended hardness or thickness for the drill bit.
- If the drill bit becomes stuck, stop the drilling process and assess the situation before proceeding.
- Always follow the manufacturer's guidelines for the drill bit and your drilling equipment.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and materials, including the drill bit, drill, safety gear, and workpiece.
- Ensure your workspace is clean and welllit.

2. Installation:

- Insert the drill bit into the chuck of the drill, ensuring it is securely tightened.
- Check that the drill bit is aligned properly and is straight.

3. Usage:

- Position the drill bit at the desired drilling location on the workpiece.
- Start the drill at a low speed to create a pilot hole, if necessary.
- Gradually increase the speed while applying steady, even pressure on the drill.
- Monitor the drilling process for any signs of binding or overheating.
- Once the hole is drilled, slowly withdraw the drill bit while it is still rotating to prevent material from sticking.

4. PostUsage:

- Turn off the drill and carefully remove the drill bit from the chuck.
- Clean the drill bit and work area to remove any debris or chips.

Disposal Instructions

- Dispose of the drill bit in accordance with local regulations for hazardous materials.
- Do not throw the drill bit in regular household waste; check for recycling options or specialized disposal services.

Contact Information for Further Support

For any safety inquiries or concerns regarding the Brownells Solid Carbide Drill Bit, please refer to the contact information provided with your product or on the manufacturer's website.

By following these safety instructions, you can ensure a safe and effective experience with the Brownells Solid Carbide Drill Bit #33 (640). Always prioritize safety and proper usage to maximize the performance and longevity of your tools.

About Us

Brownells Austria

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