

# **HSS FRONT SIGHT DOVETAIL CUTTER - 60 HSS FRONT SIGHT DOVETAIL CUTTER .300"**

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## **60\ & 65\ Shoulder x .300"**

Cuts lengthwise dovetail required to install special handgun front sights from Jim Clark, Ed Brown, Bob Marvel and others. Slightly undersized to allow for precise final fitting and to compensate for any machine wear. CAUTION: For use in milling machine only. High speed steel. .300" (7.3mm) diameter cut, 3/8" (9.5mm) diameter shank. 60° or 65° shoulder. DO NOT EXCEED 700 rpm, HIGHER SPEED WILL BREAK TEETH.



## **Attributes**

- Name: [60 HSS FRONT SIGHT DOVETAIL CUTTER .300"](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080621300
- Mfr. No.: 800003000002
- Degree: 60
- Delivery weight: 0.032kg
- Shipping height: 13mm
- Shipping width: 84mm
- Shipping length: 157mm
- UPC: 050806019775

## **Item details**

Made in USA

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# HSS FRONT SIGHT DOVETAIL CUTTER Safety Instruction Guide

## Introduction

Thank you for choosing the HSS Front Sight Dovetail Cutter. This tool is specifically designed to cut the lengthwise dovetail necessary for installing special handgun front sights from renowned manufacturers such as Jim Clark, Ed Brown, and Bob Marvel. To ensure your safety and the proper use of this tool, please read and follow the safety instructions provided in this guide.

## General Safety Guidelines

- Always ensure that the cutter is used in a milling machine only.
- Do not exceed a speed of 700 RPM; higher speeds may cause the cutter teeth to break, leading to potential injury.
- Keep the working area clean and welllit to avoid accidents.
- Wear appropriate personal protective equipment (PPE), including safety goggles and gloves, while operating the cutter.
- Ensure that the cutter is properly secured in the milling machine before use.
- Do not operate the cutter if it is damaged or worn. Inspect the tool regularly for signs of wear.
- Be aware of your surroundings and ensure no one is in the immediate vicinity while operating the milling machine.

## Specific Safety Precautions for Use

- The cutter is designed for use by individuals who are trained in the operation of milling machines.
- Keep hands and other body parts away from the cutting area during operation.
- Use only the recommended cutting speed to prevent overheating and damage to the cutter.
- Avoid wearing loose clothing or jewelry that may become entangled in the machine.
- Always use the cutter in accordance with the manufacturer's instructions and guidelines.
- If the cutter becomes stuck or jammed, turn off the milling machine and wait for it to come to a complete stop before attempting to remove the cutter.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure that the milling machine is turned off and unplugged before installing the cutter.
- Gather all necessary tools and materials, including the cutter, milling machine, and any additional equipment required for installation.

### 2. Installation:

- Insert the cutter into the milling machine's spindle, ensuring that it is securely fastened.
- Adjust the height of the cutter according to the specifications required for your project.

### 3. Operation:

- Plug in and turn on the milling machine.
- Set the machine to a speed not exceeding 700 RPM.
- Carefully guide the material to be cut into the cutter, ensuring that both hands are clear of the cutting area.
- Monitor the cutting process closely and make adjustments as necessary to maintain a steady feed

rate.

#### **4. PostOperation:**

- Once the cutting is complete, turn off the milling machine and wait for it to come to a complete stop.
- Carefully remove the cutter and inspect it for any damage or wear.
- Clean the cutter and the working area to maintain a safe environment for future use.

## **Disposal Instructions**

- Dispose of the cutter in accordance with local regulations for metal waste.
- Do not throw the cutter in regular trash; instead, use designated recycling facilities if available.
- Ensure that the cutter is not accessible to children or unauthorized individuals during disposal.

## **Contact Information for Further Support**

For any questions or concerns regarding the HSS Front Sight Dovetail Cutter, please contact the manufacturer or your local distributor. It is important to have a point of contact for safety inquiries and to stay informed about any potential recalls or safety notices.

## **Conclusion**

Your safety is our priority. By following these guidelines and instructions, you can ensure a safe and effective experience while using the HSS Front Sight Dovetail Cutter. Always prioritize safety and do not hesitate to seek assistance if you are unsure about any aspect of using this tool. Thank you for your attention to these important safety instructions.

# About Us

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