

HSS SEMI-AUTO PISTOL SIGHT BASE CUTTER - 60 HSS SEMI-AUTO BASE CUTTER .330"

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60\ & 65\ Shoulder x .330"

Our special 65° shoulder Sight Base Cutter designed to cut dovetails for both standard Colt factory and mil-spec 1911 Autos, and for replacement sights like Wichita Hi-Mount, older Bo- Mar and others with a 65° shoulder. Some makers use a 60° dovetail on their rear sights and we also have a cutter to match them. For low-mount adjustable sights use the Standard Sight Base Cutter shown on this page. Actual cutting diameter is .330" so more than one pass will be required to install most sights. This is done on purpose to allow for factory variations in base width as well as milling tolerances. CAUTION: For use in milling machine only. High speed steel, 2" (5cm) long, 3/8" (9.5mm) diameter shank. 60° or 65° shoulder. DO NOT EXCEED 700 rpm, HIGHER SPEED WILL BREAK TEETH.



Attributes

- Name: [60 HSS SEMI-AUTO BASE CUTTER .330"](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080621331
- Mfr. No.:
- Degree: 60
- Delivery weight: 0.023kg
- Shipping height: 15mm
- Shipping width: 61mm
- Shipping length: 140mm
- UPC: 050806019805

Item details

Made in USA

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HSS SemiAuto Pistol Sight Base Cutter Safety Instructions

Introduction

Thank you for choosing the HSS SemiAuto Pistol Sight Base Cutter. This tool is designed for precision cutting of dovetails for various sight installations on standard Colt factory and milspec 1911 Autos. To ensure your safety and the effective use of this product, please read and follow these safety instructions carefully.

General Safety Guidelines

- Ensure that the cutter is used only in a milling machine.
- Always wear appropriate personal protective equipment (PPE), including safety goggles and gloves, when operating the cutter.
- Keep the work area clean and welllit to avoid accidents.
- Ensure that the tool is properly maintained and inspected before each use.
- Be aware of your surroundings and ensure that no one else is in the immediate area while using the cutter.
- Follow all local regulations regarding the use of power tools.

Specific Safety Precautions for Use

- **Cutting Speed:** Do not exceed 700 RPM. Higher speeds may cause the teeth to break, leading to injury.
- **Handling:** Always handle the cutter with care. The cutting edges are sharp and can cause injury.
- **Passes:** Perform multiple passes as needed to accommodate factory variations in base width and milling tolerances.
- **Dovetail Angle:** Be aware that some manufacturers use a 60° dovetail on their rear sights. Ensure you are using the correct cutter for the sight type.
- **Adjustable Sights:** For lowmount adjustable sights, use the Standard Sight Base Cutter as specified.

Instructions for Installation and Usage

1. **Setup:** Secure the milling machine according to the manufacturer's instructions. Ensure that the HSS SemiAuto Pistol Sight Base Cutter is properly mounted.
2. **Preparation:** Measure the dovetail width and ensure that the correct cutter is selected for the job.
3. **Cutting Process:**
 - Start the milling machine at a safe speed (no more than 700 RPM).
 - Carefully guide the cutter into the material, ensuring a steady hand and consistent pressure.
 - Make multiple passes if necessary to achieve the desired depth and width.
4. **Finishing:** After cutting, inspect the dovetail for accuracy. Clean any debris from the work area.
5. **Maintenance:** After use, clean the cutter and store it in a safe place to avoid damage.

Disposal Instructions

- Dispose of the HSS SemiAuto Pistol Sight Base Cutter in accordance with local regulations for metal waste.
- Do not dispose of the cutter in regular household waste. Check for recycling options in your area.

Contact Information for Further Support

For any safety inquiries or further support regarding the HSS SemiAuto Pistol Sight Base Cutter, please reach out to your local distributor or manufacturer.

Thank you for your attention to these safety instructions. Your safety is our priority.

About Us

Brownells Austria

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