

HSS SEMI-AUTO PISTOL SIGHT BASE CUTTER - 65 HSS SEMI-AUTO SIGHT 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: [65 HSS SEMI-AUTO SIGHT BASE CUTTER .330"](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080621330
- Mfr. No.:
- Degree: 65
- Delivery weight: 0.032kg
- Shipping height: 10mm
- Shipping width: 79mm
- Shipping length: 152mm
- UPC: 050806019799

Item details

Made in USA

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HSS SemiAuto Pistol Sight Base Cutter Safety Instruction Guide

Introduction

Thank you for choosing the HSS SemiAuto Pistol Sight Base Cutter. This guide provides essential safety instructions and usage information to ensure safe and effective operation. Please read this guide carefully before using the product.

General Safety Guidelines

- Always use the cutter in accordance with the manufacturer's instructions.
- Ensure that the cutter is used only in a milling machine.
- Do not exceed the recommended speed of 700 rpm. Higher speeds can lead to breakage of the cutter teeth, posing a safety risk.
- Always wear appropriate personal protective equipment (PPE) such as safety goggles, gloves, and hearing protection when operating the milling machine.
- Keep the work area clean and welllit to prevent accidents.
- Ensure that bystanders are at a safe distance while operating the milling machine.
- Be aware of the potential hazards associated with highspeed machining, including flying debris and sharp edges.

Specific Safety Precautions for Use

- Inspect the cutter before each use for any signs of wear or damage. Do not use a damaged cutter.
- Make sure the cutter is securely mounted in the milling machine before operation.
- Use the cutter only for its intended purpose, which is to cut dovetails for standard Colt factory and milspec 1911 Autos, and for replacement sights with a 65° shoulder.
- If using a cutter with a 60° dovetail, ensure you have the correct cutter for that specific angle.
- Always perform a test cut on scrap material to ensure proper operation before cutting on your firearm.
- Do not reach into the milling area while the machine is running.
- Always turn off the milling machine and disconnect power before making adjustments or changing the cutter.

Instructions for Installation and Usage

1. Setup:

- Ensure the milling machine is on a stable surface and securely fastened.
- Check that all safety guards are in place before beginning work.

2. Mounting the Cutter:

- Insert the shank of the cutter into the milling machine's collet.
- Tighten the collet securely to prevent the cutter from loosening during operation.

3. Adjusting the Milling Machine:

- Set the machine to the appropriate speed (do not exceed 700 rpm).
- Adjust the depth of cut according to the requirements of the sight being installed.

4. Cutting Process:

- Position the firearm securely in the milling machine.
- Start the milling machine and allow it to reach the desired speed.
- Slowly feed the cutter into the material, ensuring a steady and controlled motion.
- Make multiple passes if necessary, as the actual cutting diameter is .330" and may require more than one pass for proper installation.

5. PostOperation:

- Once cutting is complete, turn off the milling machine and disconnect the power.
- Carefully remove the cutter and clean any debris from the work area.

Disposal Instructions

- Dispose of the cutter in accordance with local regulations regarding metal waste.
- Do not throw the cutter in regular trash; instead, use a designated recycling facility if available.

Contact Information for Further Support

For any questions, concerns, or safety inquiries regarding the HSS SemiAuto Pistol Sight Base Cutter, please contact the manufacturer or your local distributor. Ensure you have the product details ready for assistance.

By following these safety instructions, you can ensure a safe and effective experience while using the HSS SemiAuto Pistol Sight Base Cutter. Always prioritize safety and consult this guide whenever you have questions about the proper use of the product.

About Us

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