

# HIGH SPEED STEEL STANDARD SIGHT BASE CUTTER - 60 HSS

## STANDARD SIGHT BASE CUTTER .359"

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### 60\ Shoulder x .359"

Universal Sight Base Cutter made for sights with 60° shoulder and a 3/8" base. Cuts most standard front and rear rifle sights as well as 1911 Auto low-mount, adjustable sights like E.E.A. Super Sights, Millett and current Bo-Mar. Cutter is slightly undersized at .359" which requires that you make two cutting passes to compensate for factory variations in sight manufacture and milling tolerances. Designed with proper relief for maximum strength and clean cutting. CAUTION: For use in milling machine only. 2" (5cm) long. 3/8" (9.5mm) diameter shank. 60° shoulder. DO NOT EXCEED 700 rpm, HIGHER SPEED WILL BREAK TEETH.



### Attributes

- Name: [60 HSS STANDARD SIGHT BASE CUTTER .359"](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080621359
- Mfr. No.: 800003590001
- Degree: 60
- Delivery weight: 0.034kg
- Shipping height: 10mm
- Shipping width: 79mm
- Shipping length: 140mm
- UPC: 050806019812

### Item details

Made in USA

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# **HIGH SPEED STEEL STANDARD SIGHT BASE CUTTER Safety Instruction Guide**

## **Introduction**

Thank you for choosing the HIGH SPEED STEEL STANDARD SIGHT BASE CUTTER. This guide provides important safety instructions to ensure the safe and effective use of the product. Please read this manual carefully before use to understand the precautions necessary for your safety and the proper operation of the cutter.

## **General Safety Guidelines**

- Always use the cutter in accordance with the manufacturer's instructions.
- Ensure the cutter is used only in milling machines.
- Do not exceed the maximum speed of 700 rpm to avoid damaging the cutter and causing injury.
- Keep the work area clean and welllit to reduce the risk of accidents.
- Use appropriate personal protective equipment (PPE), such as safety goggles and gloves, while operating the cutter.
- Ensure that all safety guards are in place and functioning before use.
- Keep hands and other body parts away from the cutting area while the machine is in operation.
- Be aware of your surroundings and ensure that there are no bystanders in the immediate vicinity while operating the cutter.
- Regularly inspect the cutter for any signs of wear or damage before use.

## **Specific Safety Precautions for Use**

- Use the cutter only for its intended purpose: cutting sights with a 60° shoulder and a 3/8" base.
- Make two cutting passes to accommodate manufacturing variations and ensure a proper fit.
- Always secure the workpiece firmly in place before starting the milling machine.
- Do not attempt to modify or alter the cutter in any way.
- If you experience any unusual vibrations or noises during operation, stop the machine immediately and inspect the cutter.
- Ensure that the cutter is properly aligned with the workpiece before initiating the cutting process.

## **Instructions for Installation and Usage**

### **1. Preparation:**

- Ensure that the milling machine is powered off and unplugged before installation.
- Gather all necessary tools and safety equipment.

### **2. Installation:**

- Insert the cutter shank into the milling machine's collet.
- Tighten the collet securely to ensure the cutter is held firmly in place.

### **3. Setting Up for Use:**

- Adjust the milling machine settings to a maximum speed of 700 rpm.
- Position the workpiece securely on the milling table.
- Align the cutter with the area to be cut.

### **4. Cutting Process:**

- Power on the milling machine.
- Slowly lower the cutter into the workpiece, maintaining a steady feed rate.
- After the first pass, raise the cutter and inspect the cut.
- If necessary, make a second pass to achieve the desired fit.

### **5. PostUse:**

- Once cutting is complete, power off the milling machine and unplug it.
- Clean the cutter and work area thoroughly.
- Store the cutter in a safe, dry place away from children and unauthorized users.

## **Disposal Instructions**

- Dispose of the cutter in accordance with local regulations for metal waste.
- Do not dispose of the cutter in regular household waste.
- Consider recycling the cutter if possible, as it is made from highspeed steel.

## **Contact Information for Further Support**

For any safety inquiries or concerns regarding the HIGH SPEED STEEL STANDARD SIGHT BASE CUTTER, please consult the manufacturer's customer support or refer to the product packaging for contact details.

## **Conclusion**

Following these safety instructions will help ensure the safe and effective use of the HIGH SPEED STEEL STANDARD SIGHT BASE CUTTER. Always prioritize safety and adhere to the guidelines provided in this manual. Thank you for your attention to these important safety measures.

# About Us

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