

# CRYO-TREATED DOVETAIL CUTTER 60° X 0.359

[Gunsmith Tools & Supplies](#) > [Power Tools & Accessories](#) > [Milling Cutters](#)

## Longer Cutting Life; Reduces Replacement Costs

We've taken our most popular dovetail cutters and cryogenically treated them to give you a tool that will cut the toughest material and last longer, saving down-time and increasing your production. Our cryo-treated tools have been deep-treated to -320°F to change the molecular structure of the metal alloy, making them denser and removing the stresses that lead to tool fatigue. Cryo-treated tools do not look different than untreated tools, so we've added two rings near the working end to differentiate them from our regular cutters. Do Not Exceed 700 RPM or cutters will break.



## Attributes

- Name: [CRYO-TREATED DOVETAIL CUTTER 60° X 0.359](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080000277
- Mfr. No.:
- Degree: 60
- Delivery weight: 0.025kg
- Shipping width: 83mm
- Shipping length: 146mm

## Item details

Made in USA

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for CRYOTREATED DOVETAIL CUTTER 60° X 0.359](#)
- [About Us](#)

# Safety Instruction Guide for CRYOTREATED DOVETAIL CUTTER 60° X 0.359

## Introduction

Thank you for choosing the CRYOTREATED DOVETAIL CUTTER 60° X 0.359. This guide provides essential safety instructions to ensure safe and effective use of the product. Please read this guide carefully before using the cutter.

## General Safety Guidelines

- Ensure that the cutter is used only for its intended purpose.
- Always wear appropriate personal protective equipment (PPE) such as safety goggles, gloves, and hearing protection when using the cutter.
- Keep the work area clean and welllit to avoid accidents.
- Do not exceed the maximum rotational speed of 700 RPM to prevent breakage and injury.
- Ensure that all safety guards and devices are in place before operating the cutter.
- Do not use the cutter if it is damaged or worn. Inspect it regularly for any signs of wear or damage.

## Specific Safety Precautions for Use

- Handle the cutter with care. The cutting edges are sharp and can cause injury.
- Avoid placing your hands near the cutting area while the cutter is in operation.
- Do not attempt to modify or repair the cutter yourself. Contact a qualified technician for any repairs.
- Ensure that the cutter is securely mounted in the milling machine before use.
- Be aware of the material you are cutting. Some materials may produce hazardous dust or chips. Use appropriate dust collection methods.
- If you experience any unusual vibrations or noises while using the cutter, stop immediately and inspect it for issues.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure that the milling machine is turned off and unplugged before installation.
- Select the appropriate collet or chuck that fits the cutter.
- Insert the cutter into the collet or chuck, ensuring it is fully seated.
- Tighten the collet or chuck securely to prevent the cutter from loosening during operation.
- Plug in and power on the milling machine.

### 2. Usage:

- Set the milling machine to the appropriate speed, not exceeding 700 RPM.
- Align the cutter with the workpiece and ensure it is at the correct angle for dovetail cutting.
- Gradually lower the cutter onto the workpiece, applying consistent pressure.
- Monitor the operation for any signs of issues, such as excessive heat or vibration.
- After completing the cut, raise the cutter and turn off the milling machine.
- Clean the cutter and work area after use.

## Disposal Instructions

- Dispose of the cutter in accordance with local regulations for metal waste.
- Do not throw the cutter in regular trash as it may pose a hazard to waste workers.

- If the cutter is damaged or no longer usable, consider recycling it if facilities are available.

## **Contact Information for Further Support**

For any inquiries regarding the CRYOTREATED DOVETAIL CUTTER 60° X 0.359, please refer to the manufacturer's website or customer service for support.

By following these safety instructions, you can ensure a safe and effective experience with your CRYOTREATED DOVETAIL CUTTER. Always prioritize safety and compliance with local regulations.

# About Us

## Brownells Austria

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