

# CRYO-TREATED DOVETAIL CUTTER 65° X 0.490

[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 65° X 0.490](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080000278
- Mfr. No.:
- Degree: 65
- Delivery weight: 0.136kg
- Shipping height: 13mm
- Shipping width: 83mm
- Shipping length: 146mm

## Item details

Made in USA

# Table of Contents

- [Startpage](#)
- [Safety Instruction Guide for CRYOTREATED DOVETAIL CUTTER 65° X 0.490](#)
- [About Us](#)

# Safety Instruction Guide for CRYOTREATED DOVETAIL CUTTER 65° X 0.490

## Introduction

Thank you for choosing the CRYOTREATED DOVETAIL CUTTER 65° X 0.490. This guide provides essential safety instructions to ensure the safe and effective use of this product. It is important to read and understand these guidelines before using the cutter to prevent accidents and ensure optimal performance.

## 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 and gloves, when using the cutter.
- Keep the work area clean and welllit to prevent accidents.
- Ensure that all safety guards and devices are in place before operating the cutter.
- Do not exceed the maximum speed of 700 RPM to avoid tool breakage.
- Regularly inspect the cutter for any signs of wear or damage before use.
- Store the cutter in a safe and dry place when not in use.
- Report any unsafe products or accidents to the appropriate authorities.

## Specific Safety Precautions for Use

- Use the cutter only with compatible milling machines and equipment.
- Ensure that the material being cut is securely clamped to prevent movement during operation.
- Avoid direct contact with the cutter while it is in motion to prevent injury.
- Do not attempt to modify or repair the cutter yourself.
- If the cutter becomes dull or damaged, replace it immediately.
- Keep hands and other body parts away from the cutting area while the tool is in operation.
- Be aware of the potential for flying debris when using the cutter.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure that the milling machine is turned off and unplugged before installation.
- Insert the cutter into the appropriate collet or chuck of the milling machine.
- Tighten the collet or chuck securely to hold the cutter in place.
- Check that the cutter is aligned properly before turning on the machine.

### 2. Usage:

- Turn on the milling machine and set the speed to a maximum of 700 RPM.
- Gradually lower the cutter onto the material to begin cutting.
- Maintain a steady feed rate to avoid overloading the cutter.
- Monitor the cutting process and be prepared to stop the machine if any issues arise.
- Once cutting is complete, turn off the milling machine and wait for the cutter to come to a complete stop before removing it.

## Disposal Instructions

- Dispose of the cutter in accordance with local regulations for metal waste.
- Do not dispose of the cutter in regular household waste.

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

## **Contact Information for Further Support**

For any questions or concerns regarding the CRYOTREATED DOVETAIL CUTTER 65° X 0.490, please refer to the manufacturer's contact information provided on the product packaging or visit the manufacturer's website.

Thank you for following these safety instructions. Your safety and satisfaction are our top priorities.

# About Us

## Brownells Austria

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