

CRYO-TREATED DOVETAIL CUTTER 60° X 0.290

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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 0.290](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080000273
- Mfr. No.:
- Degree: 60
- Delivery weight: 0.045kg
- Shipping height: 3mm
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 050806005884

Item details

Made in USA

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CRYOTREATED DOVETAIL CUTTER SAFETY INSTRUCTION GUIDE

Introduction

Thank you for choosing the CRYOTREATED DOVETAIL CUTTER 60° X 0.290. This tool is designed to provide enhanced performance and durability for your milling needs. To ensure safe and effective use, please read and follow the safety instructions outlined in this guide.

General Safety Guidelines

- Always wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and hearing protection when using this cutter.
- Keep the work area clean and welllit to prevent accidents.
- Ensure that all safety guards and devices are in place and functioning properly before use.
- Be aware of your surroundings and keep bystanders at a safe distance.
- Report any unsafe conditions or accidents to the appropriate authorities.

Specific Safety Precautions for Use

- Do not exceed 700 RPM when using the cutter, as exceeding this limit may cause the cutter to break.
- Verify that the cutter is properly secured in the milling machine before starting operation.
- Avoid using the cutter on materials that exceed its designed capabilities.
- Inspect the cutter for any signs of wear or damage before each use. If any defects are found, do not use the cutter.
- Use appropriate cutting fluids to reduce heat and prolong the life of the cutter.
- Always follow the manufacturer's recommendations for feed rates and cutting speeds.

Instructions for Installation and Usage

1. Installation:

- Ensure that the milling machine is turned off and unplugged before installation.
- Remove any existing cutter from the machine.
- Clean the spindle and ensure it is free of debris.
- Insert the CRYOTREATED DOVETAIL CUTTER into the spindle and tighten securely according to the manufacturer's specifications.
- Check that the cutter is properly aligned and that there is no wobble.

2. Usage:

- Power on the milling machine and set it to the recommended RPM (do not exceed 700 RPM).
- Position the workpiece securely on the machine bed.
- Adjust the feed rate according to the material being cut.
- Begin cutting slowly, allowing the cutter to engage the material without excessive force.
- Monitor the cutting process for any unusual sounds or vibrations, and stop immediately if any issues arise.
- After use, turn off the machine and allow the cutter to cool before handling.

Disposal Instructions

- Dispose of any damaged or worn cutters in accordance with local regulations.
- Do not throw cutters in regular trash; instead, utilize designated recycling or hazardous waste disposal

facilities if applicable.

Contact Information for Further Support

For questions or concerns regarding the CRYOTREATED DOVETAIL CUTTER, please reach out to the appropriate support channels provided by your retailer or manufacturer.

By following these safety instructions, you can help ensure a safe and effective experience with your CRYOTREATED DOVETAIL CUTTER. Thank you for your attention to these guidelines.

About Us

Brownells Austria

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