

# **SOLID CARBIDE BALL END MILLS - BROWNELLS BALL END MILL, CARBIDE, 1/4"**

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## **Carbide For Cavities, Round Bottoms**

Four-flute, center-cut design produces smooth cuts and allows plunge cutting to eliminate pre-drilling. Right-hand cut, right-hand helix. Use in right-hand turning equipment. Single-ended. Premium, high feed rate carbide for hardened steels.



## **Attributes**

- Name: [BROWNELLS BALL END MILL, CARBIDE, 1/4"](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 317140250
- Mfr. No.: 14025000
- Size: 1/4"
- Delivery weight: 0.027kg
- Shipping width: 83mm
- Shipping length: 146mm
- UPC: 697604140456

## **Item details**

Made in USA

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# Safety Instruction Guide for SOLID CARBIDE BALL END MILLS BROWNELLS 1/4" CARBIDE BALL END MILL

## Introduction

Thank you for choosing the SOLID CARBIDE BALL END MILLS BROWNELLS 1/4" CARBIDE BALL END MILL. This guide provides essential safety information and instructions to ensure the safe and effective use of this product. Please read it carefully before using the product.

## General Safety Guidelines

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection when using the end mill.
- Ensure that the work area is clean, welllit, and free from distractions.
- Keep the product out of reach of children and unauthorized users.
- Inspect the end mill for any signs of damage or wear before each use. Do not use if damaged.
- Follow all manufacturer instructions and recommendations for use.
- Store the end mill in a safe and secure location when not in use.

## Specific Safety Precautions for Use

- Use only on compatible materials and avoid using the end mill on materials that exceed its specifications.
- Ensure that the machine is properly set up and secured before use.
- Always use a proper feed rate and cutting speed as recommended for the material being machined.
- Avoid excessive force while cutting to prevent tool breakage or personal injury.
- Do not attempt to modify or alter the end mill in any way.
- Be cautious of hot surfaces and chips generated during machining, as they may cause burns or cuts.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure the machine is powered off before installing the end mill.
- Securely insert the shank of the end mill into the collet or chuck of the milling machine.
- Tighten the collet or chuck according to the manufacturer's specifications to ensure a secure fit.

### 2. Usage:

- Power on the milling machine and set the appropriate cutting parameters.
- Position the workpiece securely on the machine bed to prevent movement during machining.
- Gradually lower the end mill into the workpiece, ensuring a controlled plunge.
- Monitor the cutting process closely, adjusting feed rate and speed as necessary to maintain optimal performance.
- After completing the cut, raise the end mill and power off the machine before removing the workpiece.

## Disposal Instructions

- Dispose of the end mill in accordance with local regulations for industrial waste.
- Do not dispose of the end mill in regular household waste.
- Consider recycling options if available in your area.

## Contact Information for Further Support

For any safety inquiries or further assistance, please refer to the manufacturer's website or contact the appropriate support channels available in your region.

By following these safety instructions, you can help ensure a safe and effective experience with the SOLID CARBIDE BALL END MILLS BROWNELLS 1/4" CARBIDE BALL END MILL. Always prioritize safety and compliance with local regulations. Thank you for your attention to these guidelines.

# About Us

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