

# **HIGH-SPEED STEEL CUTTING KITS FOR LATHES - 1/2" THREADER KIT - BROWNELLS HIGH-SPEED STEEL CUTTING 1/2" THREADER KIT**

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## **Tool Holders & Inserts For Threading**

Tooling kits include hardened steel toolholders and high speed steel inserts for turning, threading, profiling, and cut-off work. Inserts are T-15 High Speed Steel (HSS) hardened to Rc 65-67, then finish ground on all sides. They deliver excellent slow speed performance, precision interrupted cuts, and a smooth finish on stainless steel, Inconel, Monel, exotic metals, and plastics. Square shank toolholders and boring bars are CNC machined from 4140/4142 steel bar stock, hardened to Rc 48-50, and then black oxide coated to resist corrosion. Includes one  $\frac{1}{2}$ " square bar, 5" long with offset end pocket for cutting ID and OD threads; plus, two high-speed steel inserts, TNMC-32NV and TPMC-32NV.



## **Attributes**

- Name: [BROWNELLS HIGH-SPEED STEEL CUTTING 1/2" THREADER KIT](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080000839
- Mfr. No.: NONE
- Delivery weight: 0.249kg
- Shipping height: 36mm
- Shipping width: 112mm
- Shipping length: 157mm
- UPC: 050806006812

## **Item details**

Made in USA

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# Safety Instruction Guide for HIGHSPEED STEEL CUTTING KITS FOR LATHES 1/2" THREADER KIT

## Introduction

Thank you for choosing the HIGHSPEED STEEL CUTTING KITS FOR LATHES 1/2" THREADER KIT from BROWNELLS. This guide provides essential safety instructions to ensure the safe use of this product. Please read this manual carefully before use to understand the potential hazards and how to mitigate them.

## General Safety Guidelines

- Ensure that you are familiar with the operation of lathes and cutting tools before using this product.
- Always wear appropriate personal protective equipment (PPE), including safety goggles, gloves, and hearing protection.
- Keep your work area clean and welllit to avoid accidents.
- Store the cutting kit in a secure location, out of reach of children and pets.
- Regularly inspect the tools for any signs of damage or wear before use.
- Follow all local regulations and safety standards when operating machinery.

## Specific Safety Precautions for Use

### • Hazard Identification:

- Sharp cutting edges can cause cuts or puncture wounds.
- Highspeed operations may lead to flying debris, which can cause eye injuries.
- Improper use or installation can result in tool breakage or equipment malfunction.

### • Avoiding Hazards:

- Always handle the cutting inserts and toolholders with care.
- Do not exceed the recommended cutting speeds and feeds specified by your lathe manufacturer.
- Ensure that all tools are securely fastened before operating the lathe.
- Keep hands and body away from the cutting area while the lathe is in motion.
- Do not wear loose clothing or jewelry that could become entangled in the machinery.

## Instructions for Installation and Usage

### • Installation:

1. Ensure the lathe is turned off and unplugged before installation.
2. Select the appropriate toolholder and insert based on your cutting requirements.
3. Insert the cutting tool into the toolholder and tighten securely using the provided screws.
4. Attach the toolholder to the lathe, ensuring it is properly aligned and secured.

### • Usage:

1. Before starting the lathe, doublecheck that all safety guards are in place.
2. Adjust the lathe settings according to the material and type of cut you will be making.
3. Start the lathe at a low speed to ensure stability, then gradually increase to the desired speed.
4. Monitor the cutting process closely, making adjustments as necessary.
5. After completing the cut, turn off the lathe and wait for all moving parts to come to a complete stop before removing the workpiece.

## Disposal Instructions

- Dispose of any broken or wornout cutting inserts and toolholders in accordance with local waste disposal regulations.
- Do not throw cutting tools in regular trash; check for recycling options for metal components.
- Ensure that all packaging materials are disposed of responsibly.

## Contact Information for Further Support

For any safety inquiries or product support, please refer to the contact information provided with your product packaging or visit the manufacturer's website.

By following these safety instructions, you can help ensure a safe and efficient working environment while using the HIGHSPEED STEEL CUTTING KITS FOR LATHES 1/2" THREADER KIT. Always prioritize safety and do not hesitate to seek assistance if you have questions or concerns.

# About Us

## Brownells UK

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