

HIGH-SPEED STEEL CUTTING KITS FOR LATHES - 1/4" TURNING KITS - BROWNELLS HIGH-SPEED STEEL CUTTING 1/4" TURNING KIT

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Tool Holders & Inserts For Turning

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 five 1/4" square toolholders and six inserts, including one spare.



Attributes

- Name: [BROWNELLS HIGH-SPEED STEEL CUTTING 1/4" TURNING KIT](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080000834
- Mfr. No.: NONE
- Delivery weight: 0.227kg
- Shipping height: 61mm
- Shipping width: 122mm
- Shipping length: 175mm

Item details

Made in USA

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HIGHSPEED STEEL CUTTING KITS FOR LATHES

SAFETY INSTRUCTIONS

Introduction

Thank you for choosing the HIGHSPEED STEEL CUTTING KITS FOR LATHES. This guide provides essential safety instructions to ensure the safe and effective use of your cutting kit. Please read this document carefully before using the product.

General Safety Guidelines

- Ensure that the cutting kit is used in accordance with the manufacturer's instructions.
- Always wear appropriate personal protective equipment (PPE) such as safety goggles, gloves, and hearing protection when using the cutting tools.
- Keep the work area clean and welllit to avoid accidents.
- Ensure that all tools are in good condition and properly maintained before use.
- Do not use the cutting kit for purposes other than those specified by the manufacturer.
- Store the cutting kit in a secure location out of reach of children and vulnerable individuals.
- Always be aware of your surroundings and ensure that no one is in the immediate area when operating the tools.

Specific Safety Precautions for Use

- Inspect all components of the cutting kit before use for any signs of damage or wear.
- Ensure that the toolholders are securely attached to the lathe before operation.
- Use the correct speed settings for the material being cut to prevent overheating and tool damage.
- Avoid wearing loose clothing or jewelry that could become entangled in the machinery.
- Do not attempt to make adjustments to the lathe or cutting tools while they are in motion.
- Be cautious of sharp edges and points on the cutting inserts and toolholders.
- If you experience any unusual noise or vibration during operation, stop immediately and inspect the equipment.

Instructions for Installation and Usage

1. Installation

- Ensure the lathe is powered off and unplugged before installation.
- Carefully attach the square shank toolholders to the lathe's tool post.
- Insert the T15 High Speed Steel (HSS) inserts into the toolholders, ensuring they are properly secured.
- Adjust the height and angle of the toolholders according to the specifications for your lathe.

2. Usage

- Power on the lathe and set it to the appropriate speed for the material being worked on.
- Begin cutting slowly to gauge the performance of the tool and make adjustments as necessary.
- Maintain a steady hand and avoid excessive force while cutting to ensure precision and prevent tool breakage.
- After completing the cutting operation, power off the lathe and carefully remove the toolholders and inserts for cleaning and inspection.

Disposal Instructions

- Dispose of any damaged or worn cutting inserts and toolholders in accordance with local regulations for hazardous waste.
- Ensure that all components of the cutting kit are disposed of responsibly to minimize environmental impact.
- Consult local waste management authorities for guidance on the proper disposal of metal and plastic materials.

Contact Information for Further Support

For any safety inquiries or further assistance regarding the HIGHSPEED STEEL CUTTING KITS FOR LATHES, please refer to the manufacturer's contact information provided with your product packaging.

By following these safety instructions, you can ensure a safe and effective experience when using the HIGHSPEED STEEL CUTTING KITS FOR LATHES. Always prioritize safety and do not hesitate to seek assistance if you have any questions or concerns.

About Us

Brownells UK

Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories

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