

HIGH-SPEED STEEL CUTTING KITS FOR LATHES - 35/ PROFILE KIT - BROWNEILLS HIGH-SPEED STEEL 35° PROFILE CUTTING TOOL KIT

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Tool Holders & Inserts For Profiling

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 two $\frac{3}{8}$ " square bars, one right hand bar and one left hand bar, plus three high-speed steel inserts and one carbide insert that fit either bar.



Attributes

- Name: [BROWNEILLS HIGH-SPEED STEEL 35° PROFILE CUTTING TOOL KIT](#)
- Manufacturer: [BROWNEILLS](#)
- Product no.: 080000836
- Mfr. No.: NONE
- Delivery weight: 0.295kg
- Shipping height: 36mm
- Shipping width: 109mm
- Shipping length: 157mm
- UPC: 050806006782

Item details

Made in USA

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Safety Instruction Guide for HIGHSPEED STEEL CUTTING KITS FOR LATHES 35° PROFILE KIT

Introduction

Thank you for choosing the HIGHSPEED STEEL CUTTING KITS FOR LATHES 35° PROFILE KIT from BROWNELLS. This guide provides essential safety instructions to ensure the safe use of the product. Please read this guide carefully to understand how to operate the kit safely and effectively.

General Safety Guidelines

- Ensure that the cutting kit is used only for its intended purpose, which is turning, threading, profiling, and cutoff work.
- Always wear appropriate personal protective equipment (PPE) such as safety goggles, gloves, and hearing protection when using the cutting kit.
- Keep the working area clean and welllit to avoid accidents.
- Ensure that all tools and equipment are in good working condition before use.
- Store the cutting kit in a dry, secure location away from children and pets.
- Follow all local regulations and guidelines regarding the safe use of tools and machinery.

Specific Safety Precautions for Use

- Always inspect the toolholders and inserts for damage or wear before use. Do not use damaged components.
- Ensure that the toolholders are properly secured in the lathe before operation.
- Avoid loose clothing and long hair that could become entangled in the machinery.
- Do not attempt to change inserts while the lathe is running or if the machine is still hot.
- Use caution when changing inserts, as they may be sharp and could cause injury.
- Be aware of the material being cut, as different materials may require different speeds and feeds.
- Do not exceed the recommended operating speeds for the highspeed steel inserts.
- If you notice any unusual noises or vibrations while operating the lathe, stop the machine immediately and investigate the cause.

Instructions for Installation and Usage

1. Installation of Toolholders:

- Ensure that the lathe is powered off and unplugged.
- Select the appropriate toolholder (righthand or lefthand) for your application.
- Insert the toolholder securely into the lathe's tool post and tighten it according to the manufacturer's specifications.

2. Inserting Cutting Tools:

- Choose the correct insert for your application (HSS or carbide).
- Carefully insert the cutting tool into the toolholder, ensuring it is seated properly.
- Secure the insert using the provided screws and T7 wrench.

3. Setting Up the Lathe:

- Adjust the lathe speed according to the material you are cutting.
- Set the appropriate feed rate for the operation.
- Ensure that all safety guards are in place before starting the lathe.

4. Operating the Lathe:

- Gradually increase the speed of the lathe to the desired setting.
- Begin the cutting operation, maintaining a steady hand and focus on the workpiece.
- Monitor the operation for any signs of issues, such as excessive heat or abnormal sounds.

5. PostOperation:

- Once the cutting operation is complete, turn off the lathe and allow it to cool down.
- Carefully remove the cutting tools and store them properly.
- Clean the work area and the lathe to prevent any accidents during future operations.

Disposal Instructions

- Dispose of any worn or damaged inserts and toolholders in accordance with local regulations for hazardous waste.
- Do not dispose of cutting tools in regular household waste.
- Recycle materials whenever possible to minimize environmental impact.

Contact Information for Further Support

For any inquiries regarding safety, usage, or support, please reach out to the manufacturer or authorized distributor. Always ensure that you have the product details ready for reference.

By following these safety instructions, you can help ensure a safe and effective working environment while using the HIGHSPEED STEEL CUTTING KITS FOR LATHES 35° PROFILE KIT. Thank you for prioritizing safety in your operations.

About Us

Brownells UK

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

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