

## WORKPRO W004717A

# WORKPRO 476PCS Rotary Tool Accessories Kit User Manual

Model: W004717A

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of your WORKPRO 476-piece Rotary Tool Accessories Kit. This comprehensive kit is designed to enhance your rotary tool's versatility, enabling a wide range of applications including cutting, sanding, grinding, carving, polishing, and drilling. Please read this manual thoroughly before using the accessories to ensure optimal performance and safety.



Image 1.1: The WORKPRO 476-piece Rotary Tool Accessories Kit, neatly organized within its durable, transparent storage case.

## 2. SAFETY INFORMATION

Always prioritize safety when working with power tools and accessories. Failure to follow these safety guidelines may result in injury or damage to property.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and a dust mask, especially when sanding, grinding, or cutting.
- Ensure your rotary tool is unplugged or its battery removed before changing accessories.
- Securely fasten all accessories into the collet. Loose accessories can be ejected at high speeds.
- Do not exceed the maximum RPM rating for any accessory. Refer to your rotary tool's manual for speed settings.
- Keep work area clean and well-lit. Cluttered or dark areas invite accidents.
- Keep children and bystanders away while operating a rotary tool.
- Use the correct accessory for the task. Using an incorrect accessory can be dangerous and damage the accessory or workpiece.

### 3. KIT CONTENTS OVERVIEW

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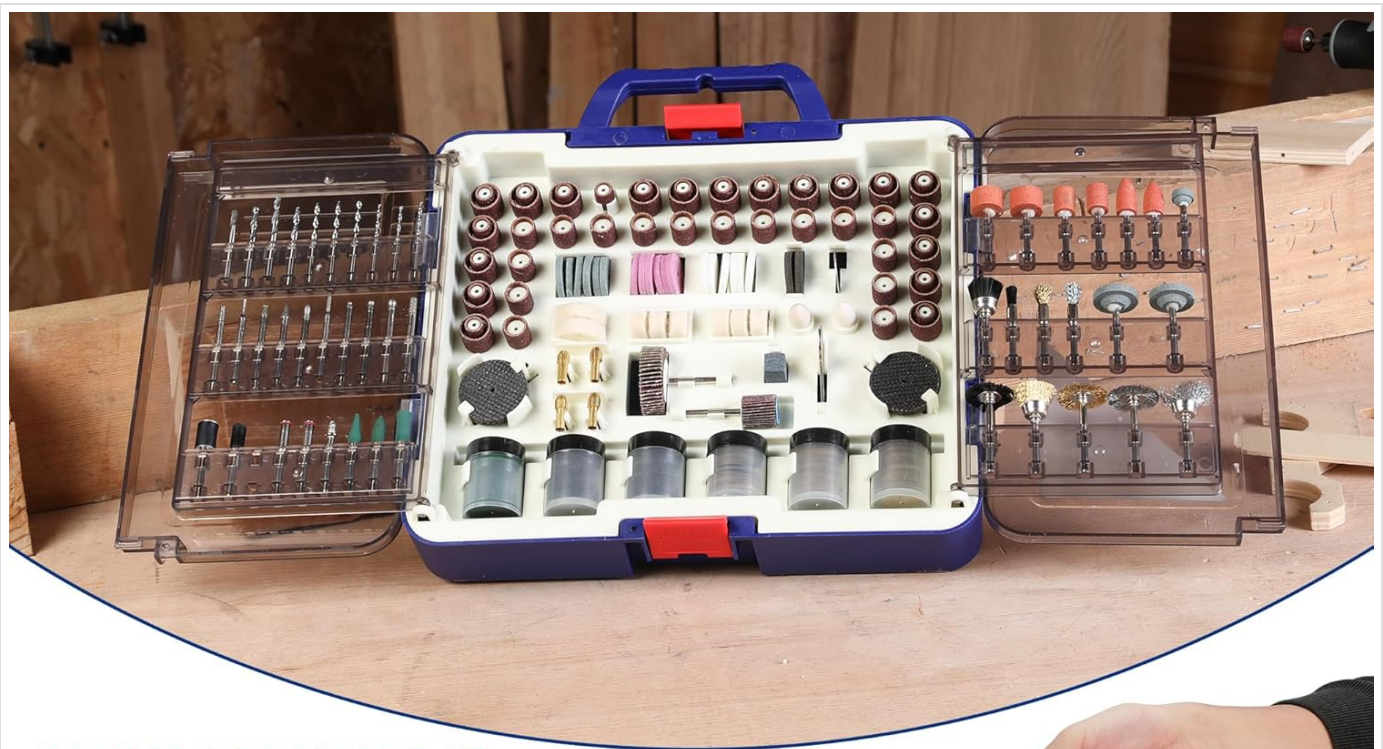
Your WORKPRO 476PCS Rotary Tool Accessories Kit includes a wide variety of attachments for diverse applications. The kit is divided into two main parts:

#### Part 1: Sanding, Cutting, and Brushing Accessories

- 228pcs sanding papers
- 56pcs sanding bands
- 2pcs flap wheels
- 58pcs 15/16" cut-off wheels
- 36pcs 15/16" heavy-duty cut-off wheels
- 10pcs cut off wheels fiberglass
- 1pc diamond cutting wheel
- 3pcs brass brushes
- 3pcs steel brushes
- 3pcs nylon brushes
- 1pc arbors for felt disc
- 2pcs (large) felt wheels
- 6pcs (small) felt wheels
- 2pcs felt wheel point
- 1pc polishing compound

#### Part 2: Grinding, Polishing, and Drilling Accessories

- 1pc HSS grinding points
- 10pcs diamond grinding drills
- 18pcs grinding wheels
- 3pcs rubber polishing
- 6pcs alumina grinding stones
- 3pcs silicon carbide grinding stones
- 2pcs rubber emery wheels
- 1pc spanner/wrench
- 2pcs mandrels
- 3pcs sanding band mandrel
- 3pcs 1/8" HSS drill bits
- 3pcs 3/32" HSS drill bits
- 3pcs 1/16" HSS drill bits
- 1pc whet stone
- 2pcs 1/8" collets
- 1pc 3/32" collet
- 1pc 1/16" collet
- 1pc storage case



# WORKPRO

## 476-PIECE ROTARY TOOL ACCESSORIES KIT



2lb



Compact



Easy Hanging

Height: 2-3/8 IN

8-5/8 IN



10-1/8 IN

Image 3.1: A close-up of the kit's contents, highlighting the diverse range of accessories for different applications.

## 4. SETUP AND INSTALLATION

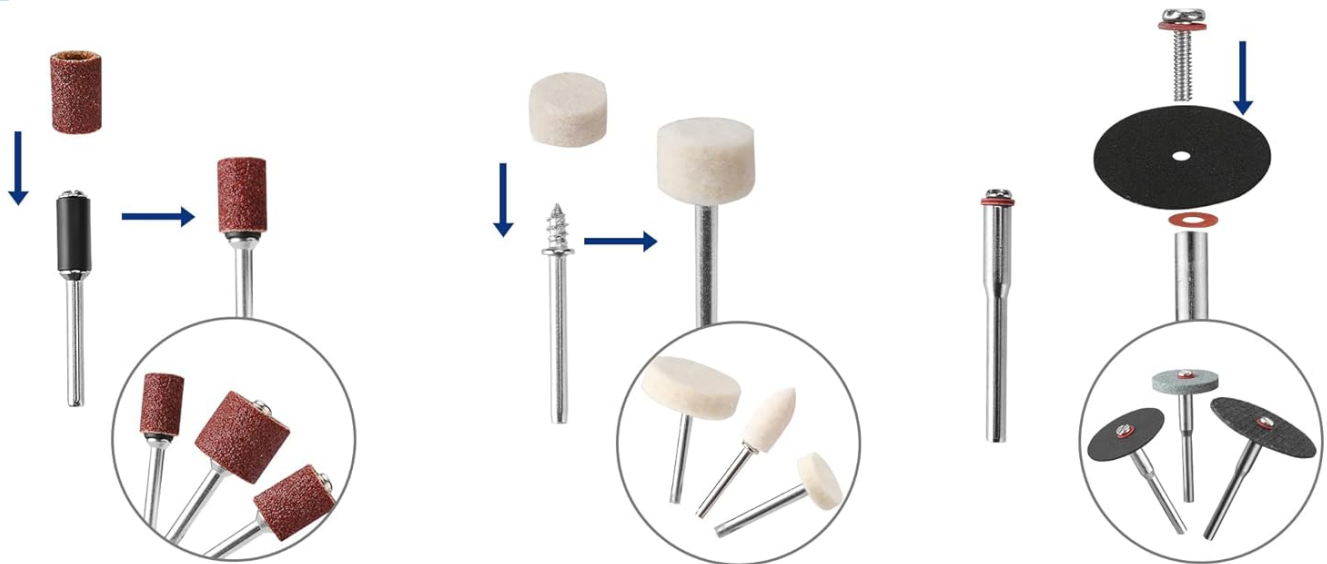
Proper setup of accessories is crucial for safe and effective operation. This kit includes collets compatible with most rotary tools on the market (1/16", 3/32", and 1/8" (1.6mm, 2.3mm, 3.2mm\*2)).

### 4.1 Attaching Accessories to Your Rotary Tool

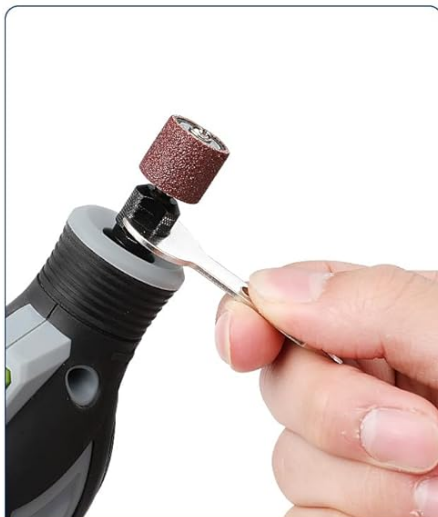
1. **Select the Correct Collet:** Choose the collet that matches the shank size of the accessory you intend to use. The kit provides 1/16", 3/32", and 1/8" collets.
2. **Insert Collet:** Insert the chosen collet into the rotary tool's collet nut.
3. **Insert Accessory:** Insert the accessory shank into the collet, ensuring it is seated as deeply as possible without the accessory touching the collet nut.
4. **Tighten Collet Nut:** Use the provided spanner/wrench to securely tighten the collet nut. Ensure the accessory is firmly gripped and does not wobble.



## FIT GRINDING WHEELS/FELT WHEELS/OTHER WHEELS



## WRENCH INCLUDED TO TIGHTEN



**Rotary Tool Spindle Nut**



**Sand Drum Nut**



**Mandrel Nut**

Image 4.1: Illustration of attaching a sanding band to a mandrel and securing it in the rotary tool.

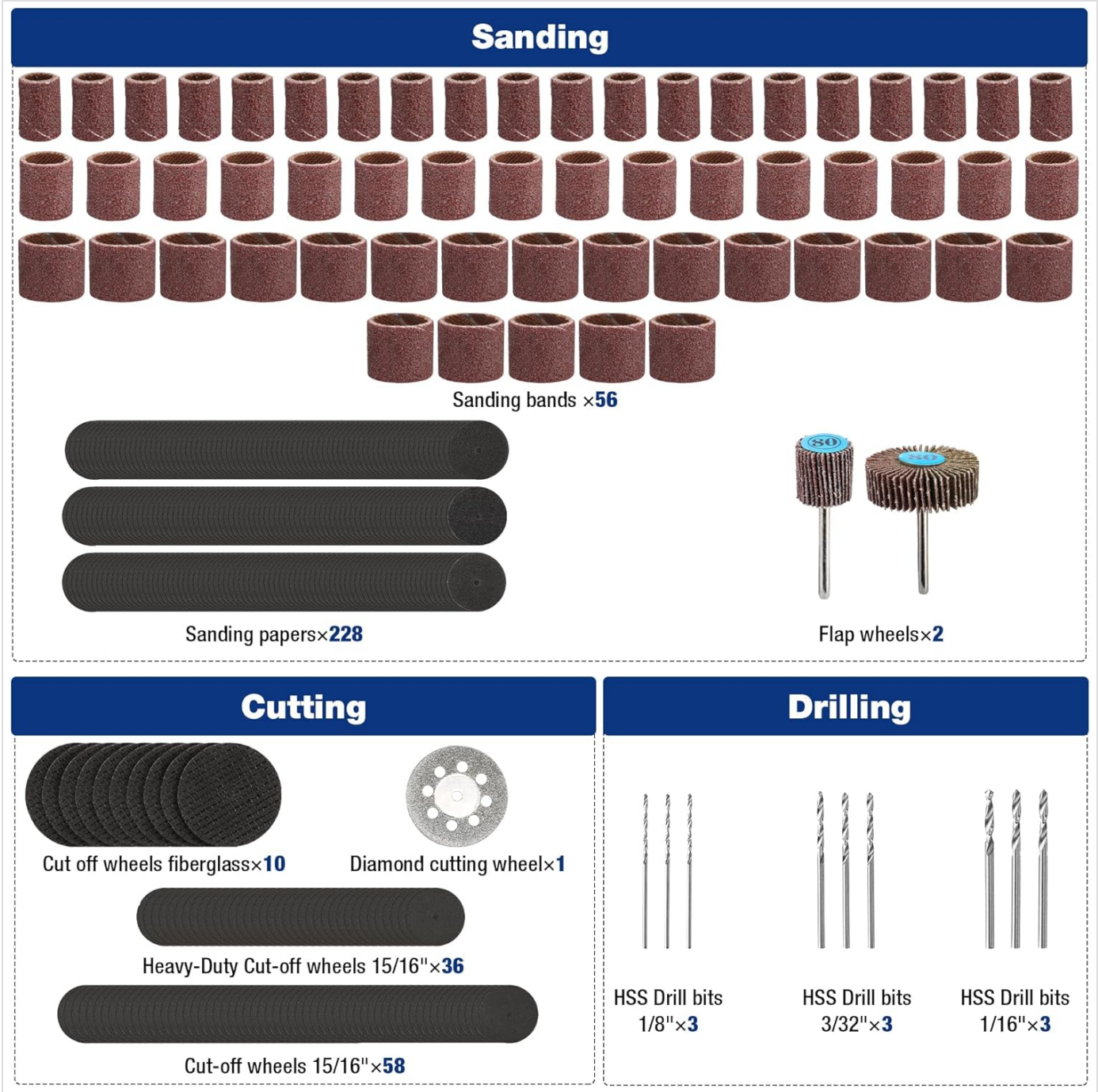


Image 4.2: The three copper collets included in the kit, designed for broad compatibility with various rotary tools and accessories.

# 3 COPPER COLLETS

Fits Most Brands Rotary Tools  
& Provides Great Compatibility to Accessories

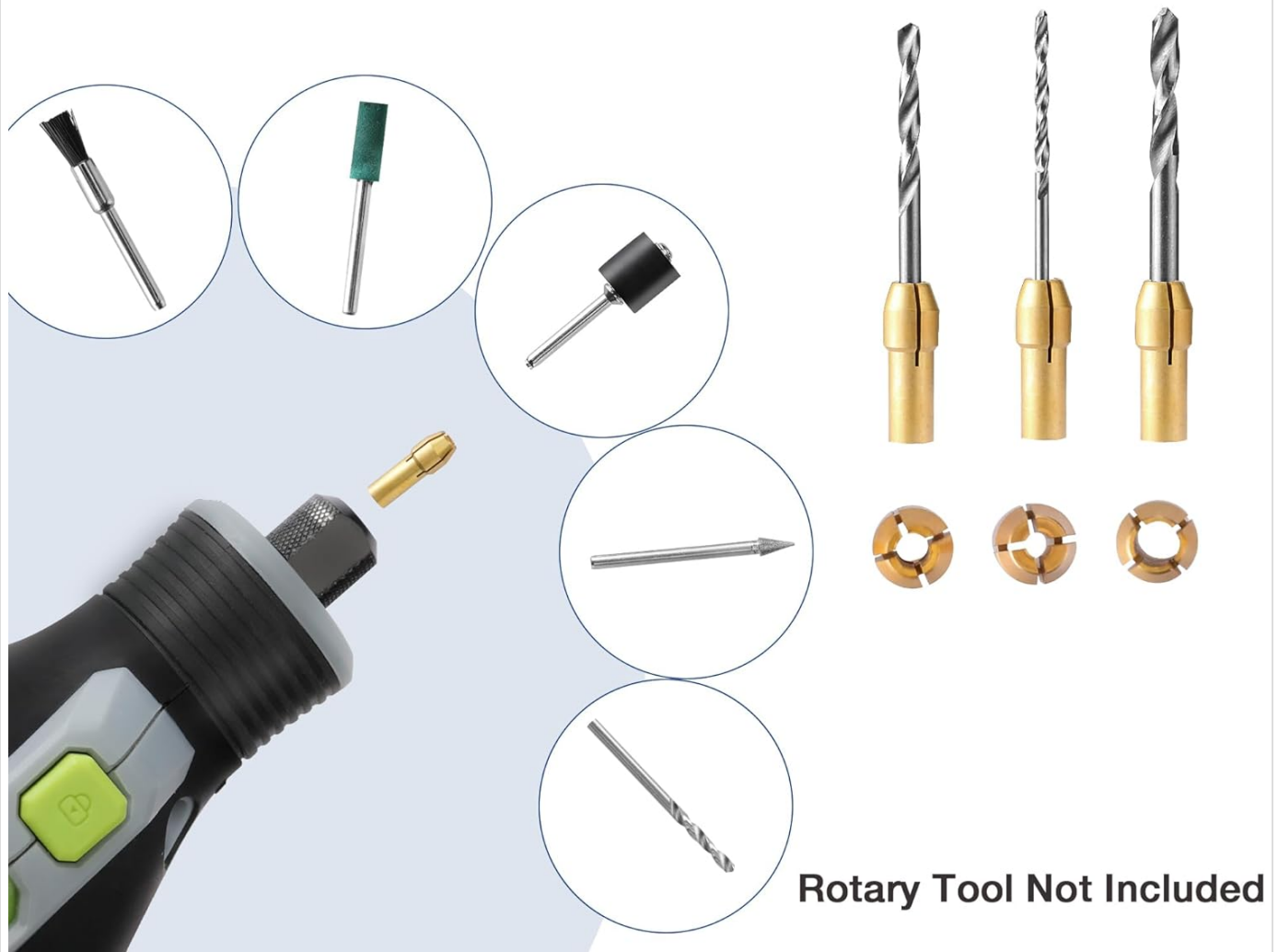


Image 4.3: Visual guide for attaching various wheel-type accessories and using the included wrench for tightening.

## 5. OPERATING INSTRUCTIONS

The WORKPRO Rotary Tool Accessories Kit provides tools for a variety of applications. Always test on a scrap piece of material first to determine the optimal speed and pressure for your task.

### 5.1 Sanding

Use sanding bands and papers for smoothing rough surfaces, shaping, or removing material from wood, plastic, or stone. Attach the sanding band to its mandrel and secure it in the rotary tool. Apply light, even pressure and move the tool consistently across the workpiece to avoid gouging.

### 5.2 Cutting

Cut-off wheels (fiberglass, heavy-duty, and diamond) are used for slicing, slotting, and trimming various materials like metal, plastic, or thin wood. Ensure the workpiece is securely clamped. Use a light touch and let the accessory do the work. The diamond cutting wheel is suitable for harder materials.

### **5.3 Grinding and Sharpening**

Grinding wheels, alumina grinding stones, and silicon carbide grinding stones are ideal for sharpening, deburring, and general grinding on metal, stone, or ceramic. Maintain a consistent angle and pressure for best results.

### **5.4 Carving and Engraving**

HSS grinding points and diamond grinding drills are used for detailed work, carving, and engraving on materials such as wood, metal, stone, or glass. Use a slow to medium speed and a steady hand for intricate designs.

### **5.5 Polishing and Cleaning**

Felt wheels, felt wheel points, rubber polishing bits, and polishing compound are used to bring a shine to various surfaces. Brass, steel, and nylon brushes are effective for cleaning and light deburring on different materials. Apply polishing compound to the felt wheel before use. For brushes, select the appropriate brush type for the material to avoid damage.

### **5.6 Drilling**

HSS drill bits (1/8", 3/32", 1/16") are included for drilling small holes in wood, metal, or plastic. Ensure the drill bit is securely fastened and apply steady, downward pressure. Clear debris frequently to prevent overheating.





Image 5.1: Demonstrating the sanding application on a wooden workpiece.





Image 5.2: Examples of cutting, sanding, carving, drilling, grinding, and polishing applications using the kit's accessories.

Your browser does not support the video tag.

Video 5.3: Official product video demonstrating the setup and various applications of the WORKPRO 476PCS Rotary Tool Accessories Kit, including sanding, polishing, cleaning, cutting, and drilling.

## 6. MAINTENANCE AND STORAGE

Proper maintenance and storage will extend the life of your accessories and ensure they are ready for your next project.

- **Cleaning:** After each use, clean accessories to remove debris and residue. Brushes can be cleaned with a stiff brush or compressed air.
- **Inspection:** Regularly inspect accessories for wear, damage, or dullness. Replace worn or damaged accessories immediately to prevent accidents and ensure optimal performance.
- **Storage:** Store all accessories in the provided durable transparent storage case. This protects them from dust, moisture, and damage, and keeps them organized for easy access.





Image 6.1: The compact and portable storage case for the WORKPRO Rotary Tool Accessories Kit.

## 7. TROUBLESHOOTING

If you encounter issues while using your WORKPRO Rotary Tool Accessories Kit, consider the following common solutions:

Problem	Possible Cause	Solution
Accessory wobbles or vibrates excessively.	Accessory not properly seated or collet not tightened. Incorrect collet size. Damaged accessory.	Ensure accessory is fully inserted and collet is securely tightened. Verify correct collet size for the accessory shank. Replace bent or damaged accessories.
Poor cutting/sanding/grinding performance.	Dull or worn accessory. Incorrect speed setting. Excessive pressure.	Replace the accessory. Adjust rotary tool speed according to the material and accessory. Apply lighter, consistent pressure.

Problem	Possible Cause	Solution
Accessory overheating.	Excessive pressure. Incorrect speed. Material too hard for accessory.	Reduce pressure. Increase speed if appropriate for the material. Ensure the accessory is suitable for the material being worked on. Allow accessory to cool.

## 8. SPECIFICATIONS


- **Manufacturer:** HANZGHOU GREATSTAR INDUSTRIAL CO.LTD
- **Part Number:** W004717A
- **Item Weight:** 2.33 pounds
- **Product Dimensions:** 10.24 x 8.66 x 2.36 inches
- **Item Model Number:** W004717A
- **Power Source:** Hand (refers to the accessories being used with a hand-held rotary tool)
- **Item Package Quantity:** 1 (kit)
- **Special Features:** Multi Use
- **Included Components:** 476pcs (accessories)
- **Batteries Included?:** No
- **Batteries Required?:** No
- **ASIN:** B0C98G5JD3
- **Date First Available:** March 13, 2025

## 9. WARRANTY AND SUPPORT


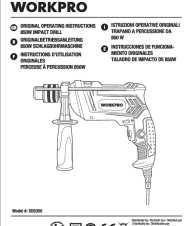
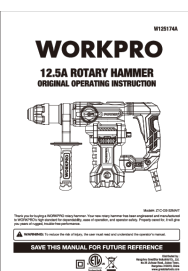
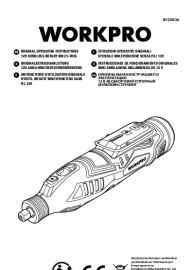
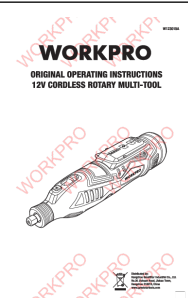
For detailed warranty information and customer support regarding your WORKPRO 476PCS Rotary Tool Accessories Kit, please refer to the official documentation provided with your purchase or visit the WORKPRO official website. Contact information for support may also be found on the product packaging.

You can visit the WORKPRO Store on Amazon:[WORKPRO Store](#)

### Related Documents - W004717A

	<p><a href="#">WORKPRO W125020A Angle Polisher with Variable Speed Operator's Manual</a></p> <p>This operator's manual provides essential safety instructions, setup guides, operation procedures, maintenance tips, and troubleshooting advice for the WORKPRO W125020A Angle Polisher with Variable Speed.</p>
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	<p><a href="#">WORKPRO Jig Saw Blades: Operator's Manual, Safety &amp; Maintenance Guide</a></p> <p>Comprehensive operator's manual for WORKPRO jig saw blades. Learn about intended use, installation, safety regulations, and proper cleaning and maintenance for HSS, HCS, and BIM blades.</p>
	<p><a href="#">WORKPRO 850W Impact Drill User Manual</a></p> <p>Comprehensive user manual for the WORKPRO 850W Impact Drill, covering safety instructions, technical specifications, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">WORKPRO 12.5A Rotary Hammer W125174A - Operating Instructions and Safety Guide</a></p> <p>Official operating instructions and safety guide for the WORKPRO 12.5A Rotary Hammer, model W125174A (Z1C-DS-32MA/T). Covers features, operation, safety warnings, maintenance, and disposal.</p>
	<p><a href="#">WORKPRO 12V Cordless Rotary Multi-tool Operating Instructions &amp; Safety Guide</a></p> <p>Comprehensive operating instructions and safety guide for the WORKPRO 12V Cordless Rotary Multi-tool, covering assembly, operation, maintenance, and safety precautions.</p>
	<p><a href="#">WORKPRO 12V Cordless Rotary Multi-Tool Operating Instructions</a></p> <p>Comprehensive operating instructions and safety guidelines for the WORKPRO 12V Cordless Rotary Multi-Tool (Model W123015A). Learn about product features, assembly, operation, maintenance, and safe disposal.</p>