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### WORKPRO W124105A

# WORKPRO W124105A Rotary Tool Accessory Set User Manual

Model: W124105A

## 1. PRODUCT OVERVIEW

The WORKPRO 208-Piece Rotary Tool Accessory Set (Model W124105A) provides a comprehensive collection of attachments designed for various tasks including cutting, grinding, sanding, wood working, carving, polishing, and engraving. This set is compatible with most major rotary tool brands that accept 1/8-inch diameter shanks.





Image: The WORKPRO 208-Piece Rotary Tool Accessory Set in its clear, organized storage case, closed.



Image: Dimensions of the WORKPRO 208-Piece Rotary Tool Accessory Set storage case, measuring 26.5 cm (10.4 inches) in length and 16.5 cm (6.5 inches) in width.

## 2. INCLUDED COMPONENTS

This 208-piece accessory set includes a wide range of attachments for diverse applications. The components are organized within a durable plastic case for convenient storage and transport.





Image: All 208 individual accessories from the WORKPRO set laid out, showcasing the variety of bits, wheels, and brushes.

### Detailed List of Accessories:

- 20x Sanding Bands
- 2x Sanding Band Mandrels
- 1x Flap Wheel
- 6x Polishing Felt Wheels
- 1x Cloth Wheel
- 1x Polishing Compound
- 1x Rubber Emery Wheel
- 4x Collets (1/16", 3/32", 1/8" x2)
- 1x Wrench
- 4x Mandrels
- 30x Heavy-Duty Cut-Off Wheels
- 40x Cut-Off Wheels
- 50x Sanding Discs

- 3x HSS Drill Bits
- 3x HSS Cutters
- 4x Diamond Grinding Points
- 5x Fiberglass Cut-Off Wheels
- 2x Stainless Steel Cup Brushes
- 1x Stainless Steel Wheel Brush
- 2x Nylon Cup Brushes
- 1x Nylon Wheel Brush
- 2x Brass Cup Brushes
- 1x Brass Wheel Brush
- 4x Aluminum Oxide Grinding Stones
- 2x Aluminum Oxide Parabolic Stones
- 6x Aluminum Oxide Grinding Wheels
- 4x Silicon Carbide Grinding Stones
- 6x Silicon Carbide Grinding Wheels
- 1x Dressing Stone

### 3. SETUP AND COMPATIBILITY

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This accessory set is designed for universal fitment with most major rotary tool brands, including Dremel, WEN, and Bosch, among others. All accessories feature 1/8-inch diameter shanks, and the set includes four collets in various sizes (1/16", 3/32", 1/8" x2) to ensure proper fit with your rotary tool's chuck.

#### Installation Steps:

1. **Select the appropriate accessory:** Choose the bit, wheel, or brush suitable for your task.
2. **Choose the correct collet:** Ensure the collet matches the shank diameter of the chosen accessory.
3. **Insert the accessory:** Loosen the rotary tool's collet nut, insert the accessory shank into the collet, and tighten the collet nut securely using the provided wrench.
4. **Verify secure attachment:** Before operating, gently pull on the accessory to confirm it is firmly seated and will not slip during use.

### 4. OPERATING INSTRUCTIONS AND APPLICATIONS

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The WORKPRO accessory set supports a wide range of applications on various materials. Always refer to your rotary tool's instruction manual for specific safety guidelines and operating speeds.

#### General Usage Tips:

- Always wear appropriate personal protective equipment, including eye protection.
- Secure your workpiece to prevent movement during operation.
- Start with a lower speed setting and gradually increase as needed for the material and accessory.
- Apply light, consistent pressure. Excessive force can damage the accessory or workpiece.

#### Common Applications:

##### Cutting and Deburring:

Use cut-off wheels for precise cuts on various materials, including ferrous and non-ferrous metals. HSS cutters are suitable for deburring and shaping.



Image: A cutting disc accessory attached to a rotary tool, actively cutting a metal piece, demonstrating its application.





Image: A cutting disc accessory attached to a rotary tool, cutting a metal rod secured in a vise, demonstrating heavy-duty cutting.

### **Sanding:**

Sanding bands and discs are ideal for smoothing surfaces, removing rust, and preparing materials like wood for finishing.



Image: A sanding band accessory attached to a rotary tool, sanding a wooden surface, illustrating its use for material removal.

### **Grinding and Sharpening:**

Aluminum oxide and silicon carbide grinding stones are used for sharpening, grinding, and removing material from metals, ceramics, and glass.





Image: A grinding stone accessory attached to a rotary tool, grinding a metal workpiece, showing spark generation.

### **Carving and Engraving:**

Diamond grinding points and HSS cutters are suitable for fine detail work on materials such as jade, ceramic, glass, wood, hardened steel, cast iron, and stainless steel.



Image: An engraving bit accessory attached to a rotary tool, engraving a design into a wooden surface.



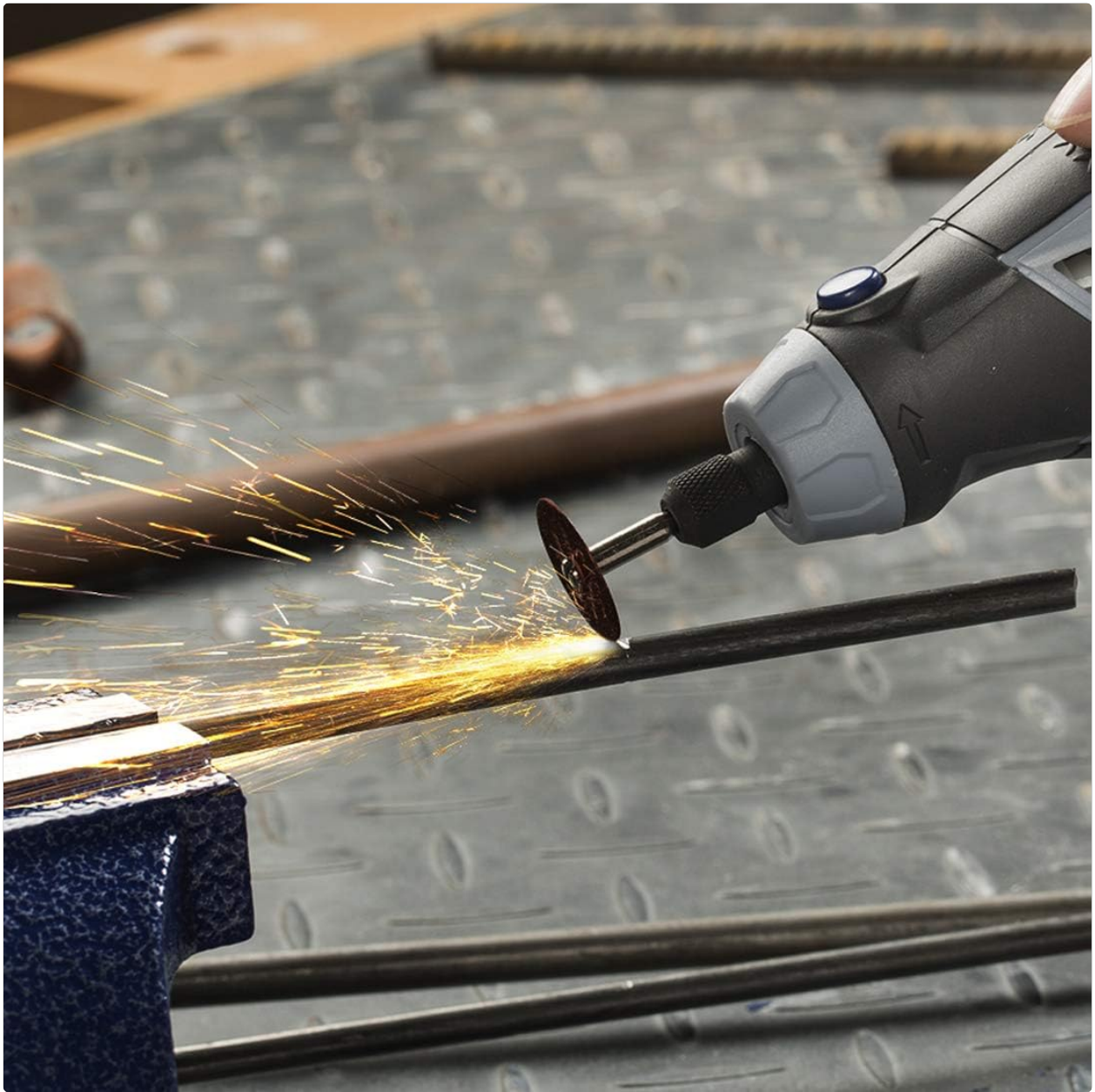


Image: A diamond grinding point accessory attached to a rotary tool, working on a metallic surface, suitable for fine detail work.

### **Polishing:**

Polishing felt wheels, cloth wheels, and polishing compound are used to achieve a smooth, lustrous finish on various surfaces.



Image: A polishing felt wheel accessory attached to a rotary tool, polishing a metallic surface, highlighting its use for finishing.

## 5. MAINTENANCE AND STORAGE

Proper maintenance and storage will extend the life of your rotary tool accessories.

### Care Instructions:

- **Cleaning:** After each use, clean accessories to remove debris and residue. Brushes can be cleaned with a soft cloth or mild solvent if necessary.
- **Inspection:** Regularly inspect accessories for wear, damage, or dullness. Replace worn-out or damaged accessories to ensure optimal performance and safety.
- **Dressing Stone:** Use the included dressing stone to reshape and clean grinding stones, maintaining their effectiveness.

### Storage:

The set comes with a strong plastic case designed for organizing the variety of bits orderly. Store all accessories in this case in a dry, cool place to prevent rust and damage. The case's design makes it portable and hangable for convenient access.



## 6. TROUBLESHOOTING

This section addresses common issues related to rotary tool accessories. For issues related to the rotary tool itself, please consult your tool's specific instruction manual.

### Common Issues and Solutions:

- **Accessory slipping in chuck:** Ensure the collet size matches the accessory shank diameter and that the collet nut is tightened securely with the provided wrench.
- **Poor performance (e.g., slow cutting, ineffective sanding):** The accessory may be worn or dull. Replace with a new accessory. Ensure you are using the correct accessory type and speed for the material.
- **Excessive vibration:** Check that the accessory is properly seated and balanced. If vibration persists, the accessory may be damaged or bent and should be replaced.
- **Overheating of workpiece or accessory:** Reduce the speed of the rotary tool or apply less pressure. Allow the accessory and workpiece to cool periodically.

## 7. SPECIFICATIONS

Feature	Detail
Brand	WORKPRO
Model Number	W124105A
Item Weight	1.63 pounds
Product Dimensions	12.2 x 9.64 x 1.97 inches
Shank Diameter	1/8-inch (universal fitment)
Included Collets	1/16", 3/32", 1/8" (x2)
Total Pieces	208
Storage	Durable plastic case
UPC	820909752400

## 8. WARRANTY INFORMATION

Specific warranty details for the WORKPRO W124105A Rotary Tool Accessory Set are not provided in this manual. Please refer to the original product packaging or contact WORKPRO customer service for warranty information.

## 9. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your WORKPRO Rotary Tool Accessory Set, please contact WORKPRO customer service directly. Contact information can typically be found on the product packaging or the official WORKPRO website.

