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› [Hyper Tough](#) /

› HYPER TOUGH 208-Piece Rotary Tool Accessory Kit Instruction Manual

Hyper Tough 50064

HYPER TOUGH 208-Piece Rotary Tool Accessory Kit Instruction Manual

Model: 50064

Brand: Hyper Tough

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and effective use of your HYPER TOUGH 208-Piece Rotary Tool Accessory Kit. This comprehensive kit offers a wide variety of options for cutting, grinding, polishing, drilling, sanding, and buffing tasks.

The kit includes a durable storage case with a clear front and a carrying handle, ensuring all accessories are securely compartmentalized for easy organization and transport.

Key components of the kit include:

- 20 sanding bands
- 1 cloth wheel
- 6 felt wheels
- 1 rubber emery wheel
- 3 HSS drill bits
- 2 sanding shanks
- 4 diamond cutters
- 3 HSS cutters
- 10 grinding wheels with shank
- 12 grinding wheels
- 3 nylon brushes
- 3 wire brushes
- 3 brass brushes
- 1 polishing compound
- 30 heavy-duty cutting wheels
- 46 regular cutting wheels
- 44 sanding discs
- 4 replacement collets

- 2 cutting wheel mandrels
- 1 mandrel for cloth wheel
- 1 mandrel for felt wheels
- 5 fiberglass cut-off wheels
- 1 flap wheel
- 1 wet stone



Figure 1.1: All 208 pieces of the Hyper Tough Rotary Tool Accessory Kit displayed, showcasing the variety of attachments for different tasks.

2. SETUP AND COMPONENT IDENTIFICATION

Before using any accessory, ensure your rotary tool is unplugged or powered off. Always select the appropriate accessory for the task at hand and ensure it is securely installed in your rotary tool's collet.

2.1 Kit Organization

The accessory kit comes in a clear, compartmentalized storage case designed for easy identification and access to each component.





**HYPER
TOUGH™**

**208-PIECE
ROTARY TOOL ACCESSORY KIT**



Figure 2.1: The Hyper Tough accessory kit in its closed storage case, featuring a clear lid and integrated handle for portability.



Figure 2.2: The accessory kit case opened, showing the organized compartments for various tools and attachments.



Figure 2.3: An angled view of the open accessory kit, highlighting the secure placement of each component within its designated slot.

2.2 Attaching Accessories

To attach an accessory, loosen the collet nut on your rotary tool, insert the accessory shank fully into the collet, and then tighten the collet nut securely. Ensure the accessory is centered and does not wobble before operation.

3. OPERATING INSTRUCTIONS

Always wear appropriate personal protective equipment (PPE), such as safety glasses, gloves, and a dust mask, when operating a rotary tool with these accessories. Match the accessory type to the material and task for optimal results and safety.

3.1 Sanding and Shaping

Use sanding bands and discs for smoothing rough surfaces, shaping wood, or removing material. The flap wheel is ideal for finishing contoured surfaces.



Figure 3.1: A flap wheel attachment being used with a rotary tool to smooth the edge of a wooden box, demonstrating its effectiveness on contoured surfaces.



Figure 3.2: A sanding band attachment being used with a rotary tool to smooth the inside edge of a wooden crate handle, illustrating its utility for detailed sanding.

3.2 Polishing and Buffing

Felt wheels and cloth wheels, combined with the polishing compound, are used for buffing and bringing a shine to various materials, including metals and plastics.



Figure 3.3: A polishing wheel attachment being used with a rotary tool to buff a metal watch band, showcasing its ability to restore shine to intricate metalwork.

3.3 Cleaning and Deburring

Wire brushes (brass, nylon, and steel) are effective for cleaning rust, corrosion, and paint from metal surfaces, as well as for deburring edges.



Figure 3.4: A wire brush attachment being used with a rotary tool to clean rust from a metal bar, demonstrating its effectiveness in surface preparation.

3.4 Cutting and Grinding

Use cutting wheels for precise cuts in various materials. Grinding wheels are suitable for sharpening, deburring, and general material removal.



Figure 3.5: A cutting wheel attachment being used with a rotary tool to cut a metal pipe, illustrating its precision for material separation.

4. MAINTENANCE

Proper maintenance extends the life of your accessories and ensures optimal performance.

- **Cleaning:** After each use, clean accessories to remove debris and residue. Brushes can be cleaned with a stiff brush or compressed air.
- **Storage:** Always return accessories to their designated compartments in the storage case. This prevents damage, loss, and keeps them organized.
- **Inspection:** Regularly inspect accessories for wear, damage, or dullness. Replace worn-out or damaged accessories immediately to prevent injury or poor performance.
- **Wet Stone:** The included wet stone can be used to clean and reshape grinding stones and other abrasive accessories, restoring their cutting efficiency.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with rotary tool accessories.

Problem	Possible Cause	Solution
Accessory wobbles or vibrates excessively.	Accessory not properly seated; collet not tightened; bent shank.	Ensure accessory shank is fully inserted and collet nut is securely tightened. Inspect shank for bends and replace if necessary.
Poor cutting/grinding performance.	Accessory is dull or worn; incorrect accessory for material.	Replace dull accessories. Ensure you are using the correct accessory type and grit for the material being worked on. Use the wet stone to clean and reshape grinding stones.
Accessory breaks easily.	Excessive pressure; incorrect accessory for task; accessory damaged.	Apply light, consistent pressure. Use the appropriate accessory for the material and task. Inspect for cracks or damage before use and discard if found.

6. SPECIFICATIONS

Feature	Detail
Manufacturer	HYPER TOUGH
Part Number	50064
Color	Black
Style	Versatile
Grain Rating (Sanding)	120
Special Features	Multipurpose
Package Dimensions	26.8 x 16.89 x 5.69 cm
Item Weight	699 g
Recommended Uses	Grinding, Sanding, Polishing, Cutting, Deburring

7. WARRANTY AND SUPPORT

This product is designed for durability and performance. For specific warranty information, please refer to the documentation provided with your original purchase or contact Hyper Tough customer support.

7.1 Return Policy

As per Amazon.com.mx policy, this product may be eligible for a 30-day free return. Please check your purchase details for specific return window and conditions.

7.2 Extended Protection Plans

Extended protection plans may be available for purchase separately to cover accidental damages. Examples include:

- Assurant - 2 Years Power Tools - Accidental Damage Insurance
- Assurant - 3 Years Power Tools - Accidental Damage Insurance

For details on these plans, please refer to the product listing page or contact the plan provider.

7.3 Customer Support

For further assistance, technical support, or inquiries regarding your Hyper Tough product, please visit the official Hyper Tough website or contact their customer service department. Contact information is typically found on the product packaging or the brand's official website.

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