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› SHARPAL 103N All-in-1 Sharpener Instruction Manual

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SHARPAL 103N All-in-1 Sharpener Instruction Manual

Model: 103N

PRODUCT OVERVIEW

The SHARPAL 103N is a versatile sharpening tool designed to maintain the edge of various blades and tools. It features multiple sharpening elements to accommodate different blade types and angles, ensuring optimal performance for knives, garden tools, and more.

This sharpener includes three distinct slots with preset optimal sharpening angles, a specially designed tungsten carbide bar for coarse sharpening, and a ceramic bar for honing and polishing. Its durable construction ensures long-lasting use.



Figure 1: SHARPAL 103N All-in-1 Sharpener, showing its compact design and ergonomic handle.

COMPONENTS AND FEATURES

The SHARPAL 103N sharpener integrates several key components for comprehensive sharpening:

- **Knife Sharpening Slot:** Designed for general knife blades.
- **Pruner & Mower Blade Sharpening Slot:** Specifically angled for single-beveled edges found on pruners and lawn mower blades.
- **Axe & Machete Sharpening Slot:** Optimized for the thicker, more robust edges of axes and machetes.

- **Tungsten Carbide Bar:** For quickly sharpening and repairing dull or damaged edges.
- **Ceramic Bar:** For honing, polishing, and removing burrs to achieve a fine edge.
- **Oversized Handle:** Allows for comfortable use, even with gloves.
- **Large Hand Guard:** Provides protection for hands during sharpening.
- **Rubber Over-molded Handle and Base:** Ensures a secure and comfortable grip.



Figure 2: Close-up view of the SHARPAL 103N sharpener, highlighting the knife sharpening slot, pruner/mower blade sharpening area, axe/machete sharpening area, and the honing/polishing bar.

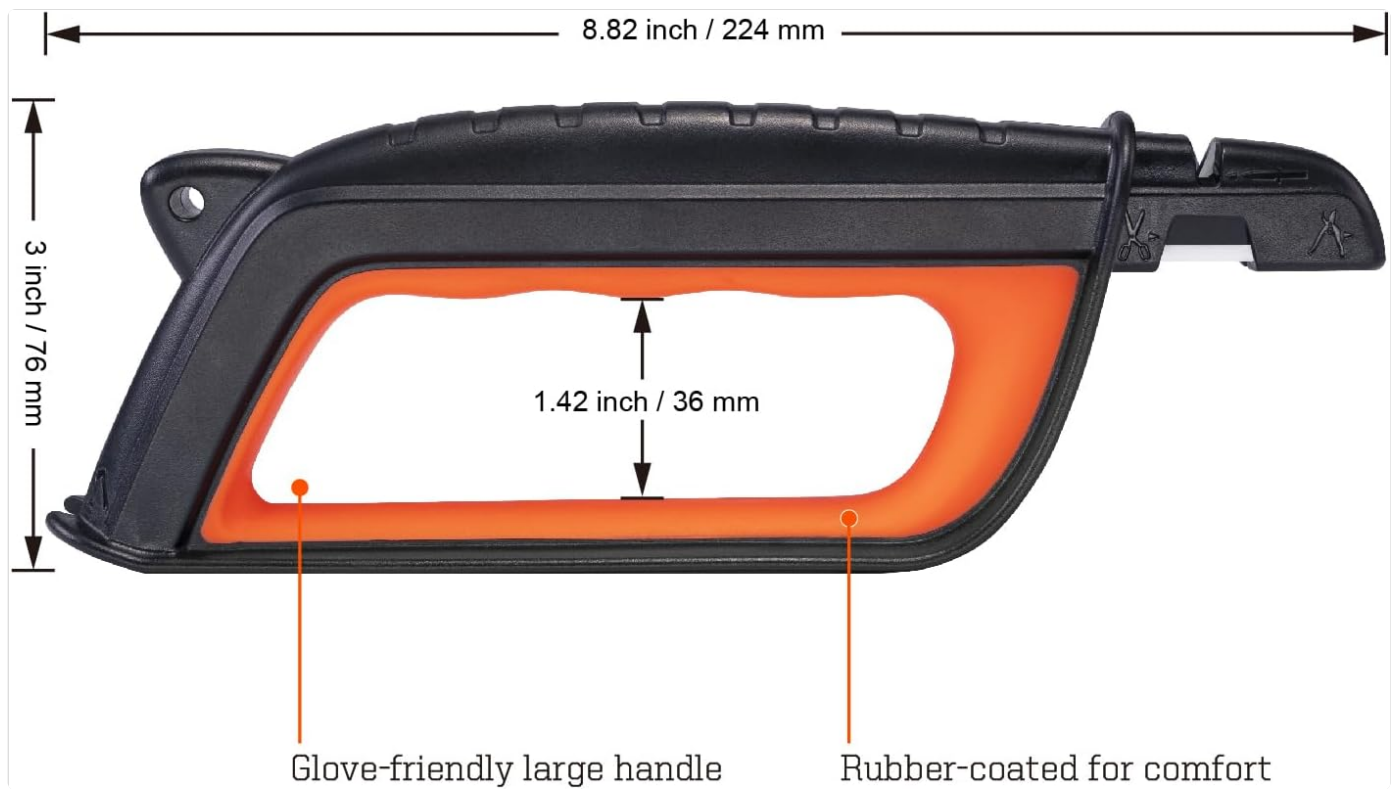


Figure 3: Dimensions of the SHARPAL 103N sharpener and details of its glove-friendly large handle and rubber-coated grip for comfort.

OPERATING INSTRUCTIONS

Always ensure a stable grip on the sharpener and the tool being sharpened. Wear appropriate safety gloves to protect your hands.

1. Knife Sharpening

For kitchen knives, outdoor knives, and other general-purpose blades:

1. Hold the sharpener firmly on a stable surface or in your hand, ensuring the hand guard protects your fingers.
2. Insert the knife blade into the "Knife Sharpening" slot (refer to Figure 2).
3. Pull the knife blade through the slot from heel to tip, applying moderate downward pressure.
4. Repeat this motion 3-5 times, or until the desired sharpness is achieved.
5. For a finer edge, finish by pulling the blade through the ceramic bar several times.



Figure 4: Demonstrates sharpening a kitchen knife, mower blade, hedge shears, and machete using the SHARPAL 103N.

2. Pruner and Mower Blade Sharpening

This section is for single-beveled edges, such as those found on pruners, loppers, and lawn mower blades.

1. Identify the beveled edge of the blade.
2. Align the tungsten carbide abrasive of the "Pruner & Mower Blade Sharpening" area with the beveled edge (refer to Figure 5). *Do not align with the metal stop.*
3. Push the sharpener along the beveled edge, maintaining consistent pressure and angle.
4. Repeat until the blade is sharp.



Figure 5: Illustrates the correct alignment for sharpening single-beveled edges like those on mower blades, emphasizing alignment with the abrasive, not the metal stop.

3. Axe and Machete Sharpening

For axes, hatchets, and machetes:

1. Secure the axe or machete blade firmly.
2. Place the "Axe & Machete Sharpening" slot over the blade edge.
3. Push the sharpener along the blade, applying firm, even pressure.
4. Repeat the motion until the edge is restored.



Figure 6: Shows the SHARPAL 103N being used to sharpen an outdoor knife, scissors, axe/hatchet, and pruner.

4. Scissors Sharpening

For household or garden scissors:

1. Open the scissors fully.
2. Locate the "Scissors" sharpening area on the sharpener (part of the axe/machete section, or a dedicated slot if available, referring to Figure 6).
3. Place one blade of the scissors into the designated slot.
4. Pull the blade through, applying light pressure.
5. Repeat for the other blade.

MAINTENANCE

To ensure the longevity and effectiveness of your SHARPAL 103N sharpener:

- After each use, wipe down the sharpening elements with a damp cloth to remove metal filings and debris.

- Do not immerse the sharpener in water.
- Store the sharpener in a dry place.
- The sharpening abrasive materials are designed for durability and should not wear out under normal use.

TROUBLESHOOTING

If you encounter difficulties achieving the desired sharpness:

- **Blade not sharpening:** Ensure you are using the correct sharpening slot or abrasive for the specific blade type. Verify that the blade is properly aligned with the abrasive and not the metal stop, especially for single-beveled tools.
- **Inconsistent results:** Maintain consistent pressure and angle throughout the sharpening stroke. Ensure the blade is pulled through the entire length of the abrasive.
- **Difficulty understanding instructions:** For visual guidance, consider searching for official SHARPAL 103N sharpening demonstration videos online.

SPECIFICATIONS

Model Number	103N
Brand	SHARPAL
Material	Ceramic, Tungsten Carbide
Color	Orange and Black
Product Dimensions (L x W x H)	21.5L x 7.5W x 3.4H centimetres
Item Weight	176 g
Grit Type	Coarse (for initial sharpening/repair)
Included Components	All-In-1 Knife, Pruner, Axe & Tool Sharpener

WARRANTY AND SUPPORT

SHARPAL provides a **3-year commitment** for this product, ensuring quality and durability. All products undergo rigorous testing to ensure top-tier performance.

For customer support or warranty inquiries, please contact SHARPAL directly. Manufacturer contact information:

SHARPAL Inc.

780 E Francis St, Ste T

Ontario, CA 91761 USA

For additional information and resources, visit the official SHARPAL website.

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