

Parkside PBSG 95 C3

Parkside PBSG 95 C3 Drill Bit Sharpener

User Manual

1. INTRODUCTION

Thank you for choosing the Parkside PBSG 95 C3 Drill Bit Sharpener. This device is designed for easy and safe sharpening of HSS (High-Speed Steel) drill bits with diameters ranging from 3.0 mm to 12.0 mm. Please read this manual carefully before first use to ensure safe operation and optimal performance. Keep these instructions in a safe place for future reference.

2. SAFETY INSTRUCTIONS

WARNING: Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the sharpener.
- **Work area safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal safety:** Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and gloves. Do not overreach. Keep proper footing and balance at all times.
- **Tool use and care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Maintenance:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

3. PRODUCT OVERVIEW

The Parkside PBSG 95 C3 Drill Bit Sharpener is a compact and efficient tool for maintaining your drill bits. Below are the key components of the device.



Figure 1: Front view of the Parkside PBSG 95 C3 Drill Bit Sharpener. Shows the main body, power switch, and the top sharpening port with the red adjustment knob.



Figure 2: The drill bit sharpener placed on a wooden surface, providing a sense of its compact size. A spare grinding stone is visible next to the unit.



Figure 3: Top view of the sharpener, highlighting the drill bit insertion points and the red rotary knob for adjusting the sharpening angle and size.



Figure 4: Close-up of the two included grinding stones, essential for the sharpening process. These are consumable parts that will need replacement over time.

Components:

- **Main Unit:** Robust housing with anti-slip feet.
- **Sharpening Ports:** Designated slots for various drill bit sizes (3.0 mm to 12.0 mm).
- **Adjustment Knob (Red):** Used to select the drill bit size and adjust the sharpening angle.
- **Power Switch (Red):** On/Off switch located on the front.
- **Grinding Stone:** Internal abrasive wheel for sharpening. Two replacement stones are included.
- **Power Cable:** For connecting to a mains power supply.

4. SETUP

1. **Unpack:** Carefully remove the drill bit sharpener and all accessories from the packaging.
2. **Inspect:** Check the device for any signs of damage. Do not use if damaged.
3. **Placement:** Place the sharpener on a stable, flat, and non-slip surface. Ensure adequate ventilation around the unit.
4. **Power Connection:** Ensure the power switch is in the "OFF" position. Plug the power cable into a suitable mains outlet (95V AC).

5. OPERATING INSTRUCTIONS

Follow these steps to sharpen your HSS drill bits effectively:

1. **Select Drill Bit Size:** Rotate the red adjustment knob on top of the sharpener to align with the diameter of the drill bit you wish to sharpen (e.g., 3.0 mm, 6.5 mm, 12.0 mm).
2. **Power On:** Press the red power switch to the "ON" position. The grinding stone will begin to rotate.
3. **Insert Drill Bit:** Carefully insert the drill bit into the corresponding sharpening port. Ensure the drill bit is inserted straight and fully into the guide.
4. **Sharpening Process:** Gently press the drill bit against the grinding stone. Rotate the drill bit slightly back and forth within the port to ensure even sharpening of both cutting edges. Apply light, consistent pressure.
5. **Check Sharpness:** Periodically remove the drill bit and check its sharpness. Repeat the process if

necessary until the desired sharpness is achieved. Ensure both cutting edges are symmetrical and sharp. The sharpening angle is approximately 118°.

6. **Power Off:** Once sharpening is complete, press the power switch to the "OFF" position and unplug the device from the mains.
7. **Clean:** Remove any metal shavings or dust from the sharpening ports using a brush (not included) or compressed air.

Note: For optimal results, ensure the drill bit is clean before sharpening. Do not attempt to sharpen drill bits made of materials other than HSS.

6. MAINTENANCE

Regular maintenance ensures the longevity and performance of your drill bit sharpener.

- **Cleaning:** After each use, unplug the device and clean the sharpening ports and the exterior with a dry cloth. Do not use abrasive cleaners or solvents.
- **Grinding Stone Replacement:** The grinding stone is a consumable part and will wear down over time. When sharpening performance decreases, refer to the included instructions for replacing the grinding stone. Two replacement stones are provided with the unit.
- **Storage:** Store the sharpener in a dry, dust-free place, out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	No power supply; Power switch is off.	Check power cable connection and wall outlet; Ensure power switch is in "ON" position.
Drill bits are not sharpening effectively.	Worn grinding stone; Incorrect drill bit insertion; Incorrect size selection.	Replace grinding stone; Ensure drill bit is inserted correctly and fully; Verify the adjustment knob is set to the correct drill bit size.
Excessive vibration or noise.	Device not on a stable surface; Damaged grinding stone.	Place on a stable, flat surface; Inspect grinding stone for damage and replace if necessary.

8. SPECIFICATIONS

Model:	PBSG 95 C3
Power Input:	Approx. 95 W
Rated No-Load Speed:	1350 rpm
Sharpening Angle:	Approx. 118°
Drill Bit Diameter Range:	3.0 mm - 12.0 mm (20 sizes)
Dimensions (L x W x H):	Approx. 175 x 115 x 128 mm (6.9 x 4.5 x 5.0 inches)
Grinding Stone Dimensions:	Approx. Ø 75 x H 13.5 mm

Cable Length:	Approx. 2 m
Weight (Sharpener):	Approx. 910 g (2.0 lbs)
Weight (Grinding Stone):	Approx. 53 g
Material:	High-Speed Steel (for drill bits), Robust Housing

9. WARRANTY AND SUPPORT

This Parkside product comes with a standard manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and conditions. For technical support, spare parts, or warranty claims, please contact the retailer or the manufacturer's customer service department. Keep your proof of purchase for any warranty-related inquiries.

Manufacturer: OWIM GmbH & Co. KG