## PORTER-CABLE 698799

# Porter Cable OEM 698799 Router Collet User Manual

Model: 698799 | Brand: PORTER-CABLE

## PRODUCT OVERVIEW

The Porter Cable OEM 698799 Router Collet is a genuine replacement part designed for specific Porter Cable router models. This collet is essential for securely holding router bits during operation, ensuring precision and safety. It is compatible with router models 5371, 5362, 5361, and 5372.

Image: The Porter Cable OEM 698799 Router Collet, a dark grey metal component with a threaded end and multiple slots for gripping router bits. It measures approximately 1.15 x 2.05 x 1.15 inches.

## SETUP AND INSTALLATION

Proper installation of the router collet is crucial for safe and effective operation. Always ensure the router is unplugged from the power source before attempting any installation or maintenance.

1. **Safety First:** Disconnect the router from its power supply to prevent accidental startup.

2. **Access Collet Nut:** Depending on your router model, you may need to remove the base or access the spindle lock to expose the collet nut.

3. **Remove Old Collet (if applicable):** If replacing an existing collet, use the appropriate wrenches to loosen and remove the old collet nut and collet.

4. **Clean Spindle:** Ensure the router spindle and the inside of the new collet are clean and free of debris.

5. **Insert New Collet:** Place the new Porter Cable OEM 698799 collet into the collet nut.

6. **Attach to Spindle:** Thread the collet nut assembly onto the router spindle. Hand-tighten first.

7. **Insert Router Bit:** Insert the shank of the router bit fully into the collet, then pull it out approximately 1/16 to 1/8 inch (1.5 to 3 mm) to prevent bottoming out.

8. **Tighten Securely:** Use the provided wrenches to securely tighten the collet nut. Do not overtighten, but ensure the bit is firmly gripped.

Refer to your specific router's instruction manual for detailed steps on accessing and tightening the collet for your model.

## OPERATING INSTRUCTIONS

The collet itself does not have operational controls; its function is to hold the router bit. Operation pertains to the router itself.

- **Bit Selection:** Always use router bits with a shank size that matches your collet (e.g., 1/4-inch shank for a 1/4-inch collet).
- **Secure Workpiece:** Ensure your workpiece is securely clamped before routing.
- **Router Settings:** Adjust router speed and depth settings according to the material and bit type.
- **Safe Operation:** Always wear appropriate personal protective equipment (PPE), including eye protection and hearing protection. Keep hands clear of the bit during operation.
- **Power On/Off:** Use the router's power switch to turn it on and off. Allow the bit to reach full speed before contacting the workpiece.

## MAINTENANCE

Regular maintenance of your collet ensures its longevity and the safety of your routing operations.

- **Cleaning:** After each use, remove the collet and collet nut. Clean them thoroughly with a brush to remove wood dust, resin, and debris. A mild solvent can be used for stubborn buildup.
- **Inspection:** Regularly inspect the collet for signs of wear, such as cracks, deformation, or excessive scoring. A worn collet can lead to bit slippage or runout.
- **Lubrication:** A very light coat of dry lubricant (e.g., PTFE spray) can be applied to the threads of the collet nut to ensure smooth operation, but avoid getting lubricant inside the collet's gripping surfaces.
- **Replacement:** Replace the collet if it shows any signs of damage or excessive wear. A genuine OEM replacement part like the Porter Cable 698799 ensures proper fit and performance.

## TROUBLESHOOTING

Issues related to the collet often manifest as problems with bit retention or routing quality.

| Problem | Possible Cause | Solution |
|---|---|---|
| Router bit slips or pulls out | Collet not tightened sufficiently; Worn or dirty collet; Incorrect bit shank size; Bit not inserted deep enough. | Ensure collet nut is properly tightened with wrenches; Clean collet and spindle; Use correct bit shank size; Insert bit fully then pull out slightly. Replace collet if worn. |
| Excessive bit runout (wobble) | Damaged or worn collet; Dirty collet or spindle; Bent router bit shank. | Inspect and clean collet and spindle; Replace collet if damaged or worn; Check router bit for straightness and replace if bent. |
| Difficulty inserting/removing bit | Dirty collet or collet nut threads; Damaged threads. | Clean collet and collet nut threads; Apply a very light dry lubricant to threads. If threads are damaged, replace the collet and/or collet nut. |

## SPECIFICATIONS

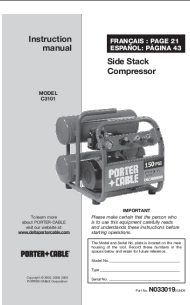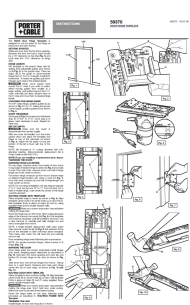| Attribute | Detail |
| --- | --- |
| Part Number | 698799 |
| Brand | PORTER-CABLE |
| Compatible Models | 5371, 5362, 5361, 5372 |
| Dimensions (L x W x H) | Approximately 1.15 x 2.05 x 1.15 inches |
| Item Weight | Approximately 2.46 ounces (0.07 Kilograms) |
| Material | Alloy Steel, Stainless Steel |
| Power Source | Manual (component for power tool) |
| Item Package Quantity | 1 |
| Thread Size | 1/4-20 UNC (for collet nut, not the collet itself) |

## WARRANTY AND SUPPORT

As an OEM replacement part, the Porter Cable 698799 Router Collet typically falls under the warranty terms of the original equipment manufacturer, PORTER-CABLE. Specific warranty details may vary depending on the retailer and purchase date.
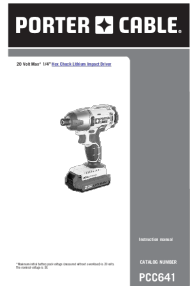
For support regarding this genuine Porter Cable part, it is recommended to contact PORTER-CABLE directly or the authorized dealer from whom the part was purchased. You can often find support contact information on the official PORTER-CABLE website or through your product's original documentation.

**Official Brand Store:** Visit the PORTER-CABLE Store on Amazon

## Related Documents - 698799



[PORTER-CABLE C3101 Side Stack Compressor Instruction Manual](#)
This instruction manual provides essential safety, operation, maintenance, and troubleshooting information for the PORTER-CABLE C3101 Side Stack Compressor. Learn how to use your air compressor safely and effectively.



[Porter Cable 59370 Door Hinge Template Instructions and Guide](#)
Detailed instructions for using the Porter Cable 59370 Door Hinge Template to create precise hinge mortises in doors and frames. Covers setup, adjustments, marking, and routing procedures for various hinge types and door thicknesses.

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|---|---|
| | **Porter-Cable Model 121 Oscillating Spindle Sander Instruction Manual**<br><br>Comprehensive instruction manual for the Porter-Cable Model 121 Oscillating Spindle Sander, covering safety guidelines, operation, maintenance, and specifications. Learn how to use your sander safely and effectively. |
| | **Porter-Cable C2002 Pancake Compressor Instruction Manual**<br><br>Comprehensive instruction manual for the Porter-Cable C2002 Pancake Air Compressor, covering safety guidelines, operation, maintenance, and troubleshooting. Learn how to safely use and maintain your compressor. |
| | **PORTER CABLE 20 Volt Max 1/4" Hex Chuck Lithium Impact Driver Instruction Manual PCC641**<br><br>Instruction manual for the PORTER CABLE 20 Volt Max 1/4" Hex Chuck Lithium Impact Driver (Model PCC641). Covers safety guidelines, operating instructions, charging procedures, and troubleshooting for the tool and its battery packs. |
| | **Porter-Cable 352VS Belt Sander User Manual and Safety Guide**<br><br>Comprehensive user manual and safety instructions for the Porter-Cable 352VS Variable Speed Belt Sander, covering operation, maintenance, and safety guidelines for effective and safe use. |