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> [Grizzly](#) /

> Grizzly T21533 Collet Attachment 1/8 inch for G0687 User Manual

## Grizzly G0687-17

# Grizzly T21533 Collet Attachment 1/8 inch for G0687 User Manual

Model: G0687-17

## INTRODUCTION

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This manual provides essential information for the proper use, maintenance, and care of your Grizzly T21533 Collet Attachment. This 1/8 inch collet is specifically designed for use with the Grizzly G0687 machine, ensuring precise and secure gripping of various tools and bits. Please read this manual thoroughly before operating the attachment to ensure safety and optimal performance.



Figure 1: The Grizzly T21533 Collet Attachment. This image displays the cylindrical metal component, featuring a slotted end for securely

gripping tools and a threaded end designed for attachment to the G0687 machine.

## SETUP AND INSTALLATION

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Before installing the T21533 collet, ensure that the G0687 machine is powered off and disconnected from its power source to prevent accidental startup.

1. **Prepare the Machine:** Locate the collet chuck or spindle on your Grizzly G0687 machine where the collet will be inserted. Ensure the area is clean and free of debris.
2. **Insert the Collet:** Carefully insert the T21533 collet into the designated opening. The threaded end should align with the internal threads of the chuck or spindle.
3. **Secure the Collet:** Hand-tighten the collet into place. Depending on your G0687 model, you may need to use a collet wrench or spanner to fully secure it. Do not overtighten, as this can damage the collet or the machine.
4. **Verify Seating:** Ensure the collet is seated firmly and squarely in the chuck. A properly seated collet will hold tools securely and reduce runout.

For detailed instructions specific to your G0687 machine, refer to its primary user manual.

## OPERATING INSTRUCTIONS

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The T21533 collet is designed to hold 1/8 inch shank tools. Always ensure the tool shank is clean and free of burrs before insertion.

1. **Insert Tool:** With the collet installed, gently insert the 1/8 inch shank of your desired tool (e.g., drill bit, router bit) into the collet opening. Push the tool in until it bottoms out or reaches the desired depth, ensuring at least 3/4 of the shank is within the collet.
2. **Tighten Collet:** Use the appropriate collet wrench or spanner to tighten the collet nut. Tighten firmly but do not overtighten. The collet should grip the tool securely without slipping during operation.
3. **Verify Tool Security:** Before starting the machine, gently pull on the tool to ensure it is firmly gripped by the collet. If there is any movement, re-tighten the collet.
4. **Remove Tool:** To remove a tool, loosen the collet nut using the wrench or spanner until the tool can be easily pulled out. Do not force the tool out if it is stuck; loosen the collet further.

Always wear appropriate safety gear, including eye protection, when operating machinery with collets and cutting tools.

## MAINTENANCE

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Proper maintenance extends the life of your T21533 collet and ensures consistent performance.

- **Cleaning:** After each use, especially when working with dusty materials, remove the collet from the machine and clean it thoroughly. Use a soft brush or compressed air to remove dust, chips, and debris from the slots and internal surfaces.
- **Lubrication:** Periodically apply a thin coat of light machine oil to the threads of the collet and the collet nut (if applicable) to ensure smooth operation and prevent corrosion. Avoid getting oil into the gripping surfaces of the collet.
- **Inspection:** Regularly inspect the collet for signs of wear, damage, or deformation, particularly around the gripping slots. A worn or damaged collet can lead to poor tool grip, excessive runout, and potential safety hazards. Replace the collet if any damage is observed.
- **Storage:** Store the collet in a clean, dry place when not in use, preferably in a protective case or container to prevent damage and corrosion.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Tool slips in collet	Collet not tightened sufficiently; Worn or dirty collet; Tool shank is oily or dirty; Incorrect tool shank size.	Tighten collet more firmly; Clean or replace collet; Clean tool shank; Ensure tool shank is exactly 1/8 inch.
Difficulty inserting/removing tool	Collet is dirty or corroded; Collet is overtightened; Tool shank is burred or damaged.	Clean and lubricate collet; Loosen collet completely before removal; Inspect and deburr tool shank.
Excessive tool runoff	Collet not seated properly; Damaged or worn collet; Dirty collet or spindle taper.	Re-seat collet; Replace collet; Clean collet and spindle taper thoroughly.

## SPECIFICATIONS

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- **Model:** T21533
- **Collet Size:** 1/8 inch
- **Compatibility:** Designed for Grizzly G0687 machine
- **Manufacturer:** Grizzly
- **Part Number:** G0687-17
- **Item Weight:** 6.4 ounces
- **Product Dimensions:** 1.18 x 4.88 x 1.1 inches
- **Item Package Quantity:** 1
- **ASIN:** B006SJFFJS
- **Date First Available:** November 2, 2011

## WARRANTY INFORMATION

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Grizzly branded products, including the T21533 Collet Attachment, typically carry a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, or to initiate a warranty claim, please refer to the official Grizzly Tools website or contact their customer service department.

## CUSTOMER SUPPORT

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For technical assistance, parts inquiries, or any questions regarding your Grizzly T21533 Collet Attachment, please contact Grizzly Industrial, Inc. customer support. You can typically find contact information, including phone numbers and email addresses, on the official Grizzly Tools website ([www.grizzly.com](http://www.grizzly.com)). When contacting support, please have your product model number (G0687-17) and any relevant purchase details ready.

