

Geberit 366.887.16.1

Geberit G366887161 HDPE Straight Connector Instruction Manual

Model: 366.887.16.1

1. INTRODUCTION

This manual provides essential information for the proper installation, function, and maintenance of the Geberit G366887161 HDPE Straight Connector. This product is designed for use in waste fitting applications, specifically for connecting to appliances with a horizontal outlet using 3.54-inch (90 mm) push-fit piping.

The Geberit G366887161 is a durable HDPE (High-Density Polyethylene) straight connector featuring a ring seal socket, ensuring a secure and reliable connection within your plumbing system.

2. PRODUCT OVERVIEW AND COMPONENTS

The Geberit G366887161 is a single-piece straight connector. Key features include:

- **Material:** High-Density Polyethylene (HDPE)
- **Connector Type:** Straight with ring seal socket
- **Pipe Diameter Compatibility:** Designed for 3.54 inches (90 mm) push-fit piping
- **Application:** Suitable for appliances with horizontal outlets
- **Length:** Approximately 12 inches

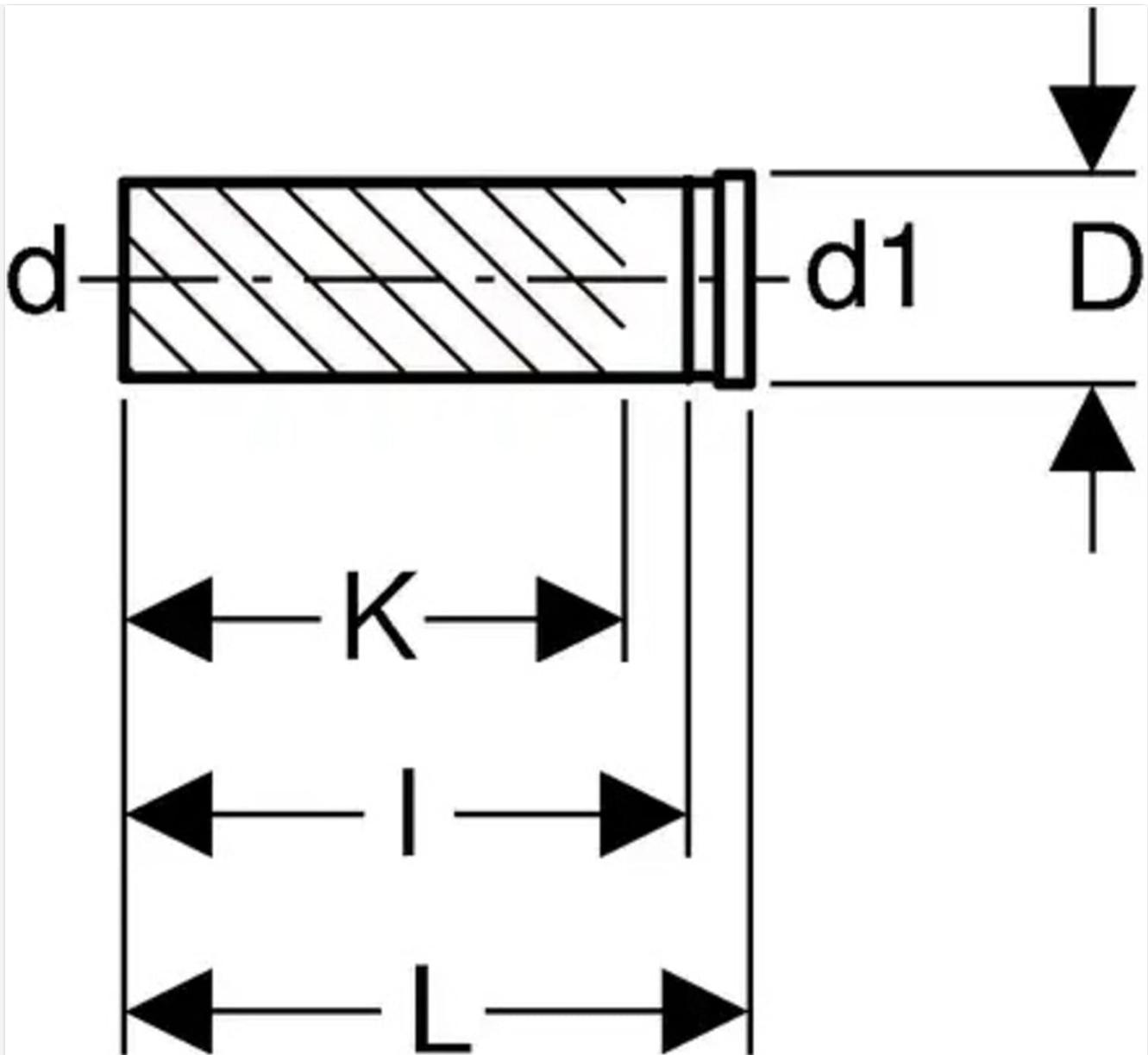


Figure 1: Technical drawing illustrating the dimensions of the Geberit HDPE Straight Connector. The drawing shows the main diameter 'd', the socket diameter 'd1', the overall diameter 'D', and various lengths 'K', 'I', and 'L' for installation reference.

3. INSTALLATION (SETUP)

Follow these steps for proper installation of the Geberit G366887161 HDPE Straight Connector:

1. **Preparation:** Ensure the appliance outlet and the connecting pipe are clean, free from debris, and properly aligned. Verify that the pipe diameter is 3.54 inches (90 mm) for a secure push-fit connection.
2. **Lubrication (Optional but Recommended):** Apply a suitable lubricant (e.g., silicone grease) to the ring seal and the end of the pipe to facilitate easier insertion and ensure a watertight seal.
3. **Insertion:** Carefully push the straight connector onto the appliance's horizontal outlet. Ensure it is fully seated and the ring seal is not twisted or displaced.
4. **Pipe Connection:** Insert the 3.54-inch (90 mm) waste pipe into the socket end of the straight connector. Apply firm, even pressure until the pipe is fully engaged with the ring seal.
5. **Verification:** Visually inspect the connection points to ensure there are no gaps and the connector is securely in place.
6. **Leak Test:** After installation, run water through the system and check for any leaks around the connection points. Address any leaks immediately by re-seating the connection or checking for damage to the seal or pipe.

Note: Always consult local plumbing codes and regulations before beginning any installation. If you are unsure about any step, it is recommended to consult a qualified plumber.

4. FUNCTION AND USAGE

Once correctly installed, the Geberit G366887161 HDPE Straight Connector provides a reliable and durable connection for waste water drainage. Its primary function is to:

- **Connect Waste Pipes:** Facilitate the connection of a 3.54-inch (90 mm) waste pipe to an appliance with a horizontal outlet.
- **Ensure Watertight Seal:** The integrated ring seal socket creates a secure, leak-proof joint for efficient waste removal.
- **Provide Durability:** Made from HDPE, the connector is resistant to corrosion, chemicals, and temperature fluctuations commonly found in waste systems.

This connector is designed for internal plumbing applications and should not be exposed to direct sunlight or extreme external environmental conditions unless specifically rated for such use.

5. MAINTENANCE

The Geberit G366887161 HDPE Straight Connector requires minimal maintenance due to its robust material and design. However, periodic inspection is recommended:

- **Visual Inspection:** Periodically check the connection points for any signs of leaks, cracks, or physical damage.
- **Cleaning:** If accessible, clean the exterior of the connector with mild soap and water. Avoid harsh abrasive cleaners or solvents that could damage the HDPE material.
- **Seal Integrity:** While the ring seal is designed for long-term performance, if any persistent leaks occur, the seal may need inspection or replacement by a professional.

6. TROUBLESHOOTING

Most issues related to the straight connector are installation-related. Here are common problems and their solutions:

Problem	Possible Cause	Solution
Leaks at connection points	<ul style="list-style-type: none">◦ Improperly seated pipe/connector◦ Damaged or twisted ring seal◦ Incorrect pipe diameter◦ Physical damage to the connector	<ul style="list-style-type: none">◦ Re-seat the connection, ensuring full engagement.◦ Inspect the ring seal; replace if damaged.◦ Verify pipe diameter matches 3.54 inches (90 mm).◦ Replace the connector if physically damaged.
Difficulty inserting pipe/connector	<ul style="list-style-type: none">◦ Lack of lubrication◦ Misalignment◦ Incorrect pipe diameter	<ul style="list-style-type: none">◦ Apply suitable lubricant to the seal and pipe end.◦ Ensure proper alignment before pushing.◦ Confirm pipe diameter is 3.54 inches (90 mm).

If troubleshooting steps do not resolve the issue, contact Geberit customer support or a qualified plumbing professional.

7. SPECIFICATIONS

Model Number	366.887.16.1
Brand	Geberit
Material	HDPE (High-Density Polyethylene)
Connector Type	Straight with Socket
Pipe Compatibility	3.54 inches (90 mm) push-fit piping
Nominal Thread Size	DN 90
Dimensions (L x W x H)	Approximately 1.97 x 0.39 x 0.39 inches (Product dimensions, not overall length)
Overall Length	Approximately 12 inches
Item Weight	0.01 Ounces
Color	No Finish
Included Components	Product Only (1 piece)

8. WARRANTY INFORMATION

The Geberit G366887161 HDPE Straight Connector is covered under Geberit's **1-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service.

For specific terms and conditions of the warranty, please refer to the official Geberit warranty documentation or contact Geberit customer support.

9. SUPPORT AND CONTACT

For further assistance, technical inquiries, or warranty claims regarding your Geberit G366887161 HDPE Straight Connector, please contact Geberit customer support through their official website or designated service channels. When contacting support, please have your product model number (366.887.16.1) and purchase information readily available.

