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› [Mcalpine S28M Multi-Purpose Straight Connector, 1 1/4 inch](#)

## Mcalpine S28M

# Mcalpine S28M Multi-Purpose Straight Connector User Manual

## 1. INTRODUCTION

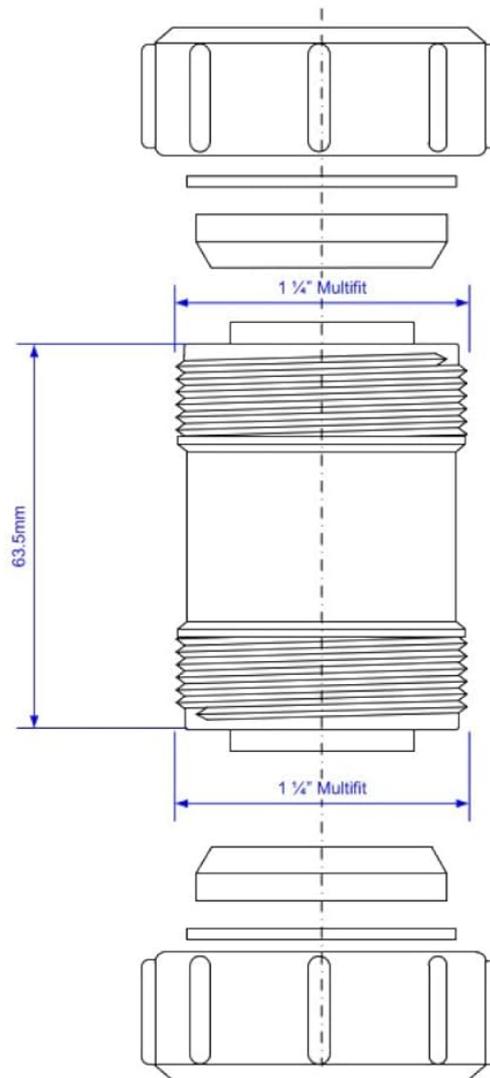
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This manual provides instructions for the installation, operation, and maintenance of the Mcalpine S28M Multi-Purpose Straight Connector. This connector is designed to facilitate the connection of various pipe types within waste systems.

The Mcalpine S28M is a 1 1/4 inch straight connector suitable for use with plastic waste pipes conforming to BS EN 1451-1: 200 and BS EN 1329-1: 2000 standards, as well as copper and lead pipes. It is constructed from durable plastic and features a multi-fit design for versatile application.

Code:

**S28M**



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02/12/2004

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Image 1: Mcalpine S28M Multi-Purpose Straight Connector. This image shows the white plastic connector, highlighting its straight design and robust construction.

## 2. SETUP AND INSTALLATION

Proper installation is crucial for the effective and leak-free operation of the connector. Follow these steps carefully:

1. **Preparation:** Ensure that the ends of the pipes to be connected are clean, smooth, and free from burrs or debris.
2. **Measurement:** Accurately measure the required length for the connection. If cutting pipes, ensure a straight cut.
3. **Component Assembly:** Slide the compression nut and compression ring (if separate) onto each pipe end. Ensure the tapered side of the compression ring faces towards the connector body.
4. **Insertion:** Insert the pipe ends fully into the connector body. The multi-fit design allows for a secure fit with various pipe materials.
5. **Tightening:** Hand-tighten the compression nuts onto the connector body. Then, use an appropriate wrench to tighten them further, ensuring a firm, leak-proof seal. Avoid over-tightening, which can damage the components.
6. **Leak Check:** After installation, run water through the system and carefully inspect all connections for any signs of leakage. If leaks are detected, re-tighten the nuts slightly or disassemble and re-seat the compression rings.



Image 2: Technical drawing of the Mcalpine S28M connector. This diagram illustrates the connector's components, including the 1 1/4 inch multifit connections and an overall length of 63.5mm, aiding in precise installation.

### 3. OPERATING INSTRUCTIONS

The Mcalpine S28M Multi-Purpose Straight Connector operates passively within your plumbing system. Once correctly installed, it functions to create a sealed connection between pipes, allowing for the unimpeded flow of waste water. No active user interaction is required for its operation.

## 4. MAINTENANCE

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To ensure the longevity and continued performance of your Mcalpine S28M connector, consider the following maintenance guidelines:

- **Regular Inspection:** Periodically check the connector and surrounding pipework for any signs of leaks, cracks, or damage.
- **Cleaning:** If necessary, clean the exterior of the connector with a soft cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals, as these can degrade the plastic material.
- **Environmental Factors:** Ensure the connector is not exposed to extreme temperatures or direct sunlight for prolonged periods, which could affect material integrity.

## 5. TROUBLESHOOTING

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Should you encounter issues with your Mcalpine S28M connector, refer to the following troubleshooting tips:

- **Leaks at Connection Points:**
  - Ensure compression nuts are adequately tightened.
  - Verify that the compression rings are correctly seated and not damaged.
  - Check for any foreign objects or debris preventing a proper seal.
  - Inspect the pipe ends for damage or uneven cuts that might compromise the seal.
- **Difficulty in Fitting Pipes:**
  - Confirm that the pipe size matches the connector's 1 1/4 inch specification.
  - Ensure pipe ends are clean and free of burrs.
  - A small amount of silicone lubricant can assist in easier insertion, if compatible with the pipe material.

## 6. SPECIFICATIONS

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Feature	Detail
Brand	Mcalpine
Model Number	S28M
Part Number	S28M
Size	Pipe Size - 1 1/4 inch
Color	White
Material	Plastic
Item Weight	60 grams

Feature	Detail
Product Dimensions (L x W x H)	5.8 x 7.5 x 7.5 cm
Number of Units	1
Number of Pieces	1
Measurement System	Metric
Included Components	Trap; Fittings;
Connector Type	Adapter
Thread Type	BSPP
Batteries Included	No
Batteries Required	No
First Available Date	August 14, 2012
Discontinued by Manufacturer	No
ASIN	B003JYV5US
Global Trade Identification Number	05036484003485

## 7. WARRANTY INFORMATION

Warranty details for the Mcalpine S28M Multi-Purpose Straight Connector are not explicitly provided in the product information. For specific warranty terms and conditions, please refer to the product packaging or contact Mcalpine directly.

## 8. SUPPORT

For further assistance, technical inquiries, or support regarding the Mcalpine S28M Multi-Purpose Straight Connector, please contact the manufacturer, Mcalpine, through their official website or customer service channels. Always refer to the product packaging for the most up-to-date contact information.