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## Milton S-732

# Milton S-732 3/8" FNPT M Style Plug Instruction Manual

Model: S-732 | Brand: Milton

## INTRODUCTION

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The Milton S-732 M Style Plug is an industry-standard component designed for use in air tool systems. This plug features a 3/8" Female National Pipe Thread (FNPT) and is typically used to connect air hoses or tools to air compressors or other pneumatic equipment. This manual provides essential information for the proper installation, operation, and maintenance of your Milton S-732 plugs.

## PRODUCT VISUALS

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This image displays two Milton S-732 M Style Plugs. Each plug is made of steel with a silver finish and features a 3/8 inch Female National Pipe Thread (FNPT) connection on one end and a quick-connect M-style fitting on the other. The hexagonal base for tightening is visible, along with the cylindrical quick-connect portion.

## SETUP

Before installation, ensure your air system is depressurized and clean. The Milton S-732 plug is designed for easy integration into existing M-style air systems.

1. **Preparation:** Ensure the threads on the air hose or tool you are connecting are clean and free of debris.
2. **Thread Sealant:** Apply a suitable thread sealant (e.g., PTFE tape or pipe thread compound) to the male threads of the hose or tool that will connect to the 3/8" FNPT end of the S-732 plug. This helps ensure an airtight seal.
3. **Attachment:** Thread the S-732 plug onto the hose or tool. Tighten securely with a wrench, but do not

overtighten, as this can damage the threads or the plug.

4. **System Connection:** Once attached, the M-style end of the S-732 plug can be inserted into a compatible M-style coupler on your air compressor or air line.

## OPERATING

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The Milton S-732 plug functions as a quick-connect interface for pneumatic systems. Its operation is straightforward once installed.

- **Connecting:** To connect, simply push the M-style end of the S-732 plug firmly into a compatible M-style coupler until it clicks into place. A secure connection will prevent air leaks.
- **Disconnecting:** To disconnect, pull back the collar on the M-style coupler while simultaneously pulling the S-732 plug out. Ensure the air pressure is released from the line before disconnecting to prevent sudden air release.
- **Air Flow:** The plug is designed to allow an air flow of up to 40 standard cubic feet per minute (SCFM) and can withstand a maximum pressure of 300 pounds per square inch (PSI).

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your Milton S-732 plugs.

- **Cleaning:** Periodically clean the plugs to remove dirt, dust, or debris that may accumulate, especially around the quick-connect mechanism. Use a clean cloth and avoid harsh chemicals.
- **Lubrication:** Apply a small amount of pneumatic tool oil or silicone-based lubricant to the moving parts of the quick-connect mechanism on the coupler (not directly on the plug) to ensure smooth connection and disconnection.
- **Inspection:** Regularly inspect the plugs for signs of wear, corrosion, or damage. Check the threads for stripping and the quick-connect portion for deformities. Replace any damaged plugs immediately to prevent air leaks or system failure.
- **Storage:** Store plugs in a clean, dry environment when not in use to prevent corrosion and contamination.

## TROUBLESHOOTING

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Most issues with air plugs are related to improper connection or wear.

- **Air Leakage:**
  - *Cause:* Improperly tightened threads, damaged threads, or worn seals in the coupler.
  - *Solution:* Ensure threads are properly sealed with thread sealant and tightened. Inspect the plug and coupler for damage; replace if necessary.
- **Difficulty Connecting/Disconnecting:**
  - *Cause:* Dirt/debris in the mechanism, lack of lubrication, or damaged quick-connect components.
  - *Solution:* Clean the plug and coupler. Apply appropriate lubricant to the coupler's moving parts. If the issue persists, inspect for damage and replace worn components.

## SPECIFICATIONS

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Feature	Specification
Model Number	S-732
Connector Type	M Style Plug
Thread Size	3/8 inch FNPT (Female National Pipe Thread)
Basic Flow Size	1/4 inch
Material	Steel
Exterior Finish	Brass (implied by product description, typically plated steel)
Color	Silver
Maximum Pressure	300 PSI (Pounds per Square Inch)
Air Flow	40 SCFM (Standard Cubic Feet per Minute)
Maximum Temperature	250°F (121°C)
Dimensions (L x W x H)	4 x 2 x 1 inches
Item Weight	1.6 ounces
Number of Pieces	2 per pack
Compliance	Conforms to military specification MIL-C-4109

## WARRANTY AND SUPPORT

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For information regarding product warranty, returns, or technical support, please refer to the official Milton website or contact Milton customer service directly. Specific warranty terms may vary by region and retailer.

For further assistance, please visit the Milton Store on Amazon or consult your purchase documentation.