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› [fischer](#) /

› [fischer SDS Adapter with M8 Female Thread, Model 530332 - Instruction Manual](#)

fischer 530332

fischer SDS Adapter with M8 Female Thread, Model 530332

Instruction Manual

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of the fischer SDS Adapter with M8 Female Thread, Model 530332. Please read these instructions carefully before use and retain them for future reference.



Image 1: fischer SDS Adapter with M8 Female Thread. This image shows the adapter, highlighting its SDS shank for power tool compatibility and the M8 female thread for attaching anchor rods.

1.1 Key Features

- SDS adapter for power tools.
- M8 female thread for secure attachment of anchor rods.
- Designed for use with fischer anchor rods in concrete applications.
- Compact and durable design.

1.2 Intended Use

The fischer SDS Adapter (Model 530332) is designed to facilitate the secure attachment of fischer anchor rods to an SDS-plus rotary hammer drill. This setup is primarily used for the compliant cleaning of drilled holes in concrete, particularly when installing chemical anchors or similar fastening systems that require thorough hole preparation.

2. SAFETY INSTRUCTIONS

WARNING: Always follow general power tool safety guidelines and wear appropriate personal

protective equipment (PPE) when operating power tools and accessories.

- **Read all instructions:** Before using the adapter, read and understand all instructions provided with your power tool and the anchor rods.
- **Eye Protection:** Always wear safety glasses or goggles to protect against flying debris.
- **Hand Protection:** Wear appropriate gloves to protect hands.
- **Hearing Protection:** Use hearing protection, especially when operating rotary hammer drills for extended periods.
- **Secure Workpiece:** Ensure the workpiece (e.g., concrete) is stable and secured before drilling or cleaning.
- **Tool Compatibility:** Only use this adapter with SDS-plus compatible rotary hammer drills.
- **Adapter Condition:** Inspect the adapter for any damage or wear before each use. Do not use a damaged adapter.
- **Correct Attachment:** Ensure the adapter is correctly and securely seated in the power tool's chuck and that the anchor rod is properly threaded into the adapter.
- **Keep Area Clear:** Maintain a clear work area, free from obstructions and bystanders.
- **Ventilation:** Work in a well-ventilated area, especially when drilling concrete, to avoid inhaling dust.

3. SETUP

1. **Prepare Power Tool:** Ensure your SDS-plus rotary hammer drill is unplugged or its battery is removed before attaching any accessories.
2. **Inspect Adapter:** Check the fischer SDS adapter for any signs of damage or excessive wear.
3. **Insert Adapter:** Insert the SDS shank of the adapter into the SDS-plus chuck of your rotary hammer drill. Push and twist until it clicks securely into place. Pull on the adapter to ensure it is locked.
4. **Attach Anchor Rod:** Carefully thread the M8 end of the fischer anchor rod into the M8 female thread of the adapter. Hand-tighten until snug. Do not overtighten with tools, as this may damage the threads.
5. **Verify Connection:** Ensure both the adapter and the anchor rod are securely attached before proceeding.

4. OPERATING INSTRUCTIONS

The fischer SDS Adapter with M8 Female Thread is primarily used for the mechanical cleaning of drilled holes in concrete, which is a critical step for the proper installation of chemical anchors.

1. **Drill Hole:** First, drill the hole in the concrete to the specified diameter and depth according to the anchor manufacturer's instructions.
2. **Initial Cleaning:** Use a brush and blow-out pump to remove loose debris from the drilled hole.
3. **Attach Adapter and Rod:** As described in the "Setup" section, attach the fischer SDS adapter to your rotary hammer drill and then attach the appropriate fischer anchor rod to the adapter.
4. **Mechanical Cleaning:** Insert the anchor rod (attached to the adapter and drill) into the drilled hole. Activate the rotary hammer drill (usually in rotary-only mode or rotary-hammer mode, depending on the specific cleaning requirement and anchor system). Move the rod in and out of the hole, rotating it to thoroughly clean the internal surfaces of the drilled hole. This process helps to remove fine dust particles that can compromise anchor performance.
5. **Final Cleaning:** After mechanical cleaning, perform a final brush and blow-out pump cleaning to ensure the hole is completely free of dust and debris.

6. **Anchor Installation:** Proceed with the installation of the chemical anchor or other fastening system according to its specific instructions.

Note: Always refer to the specific installation instructions for the chemical anchor or fastening system you are using, as cleaning procedures can vary.

5. MAINTENANCE

- **Cleaning:** After each use, clean the adapter to remove any concrete dust or debris. Use a dry cloth or a soft brush. Do not use harsh chemicals or solvents that could damage the material.
- **Lubrication:** Periodically apply a small amount of SDS grease to the SDS shank of the adapter to ensure smooth insertion and removal from the drill chuck and to prolong its lifespan.
- **Storage:** Store the adapter in a clean, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the adapter for signs of wear, cracks, or deformation, especially around the SDS shank and the M8 female thread. Replace the adapter if any significant damage is observed.

6. TROUBLESHOOTING

- **Adapter does not fit into drill chuck:**
 - Ensure your drill is an SDS-plus compatible rotary hammer drill.
 - Check the SDS shank of the adapter for debris or damage. Clean or replace if necessary.
 - Ensure the drill chuck is clean and free of obstructions.
- **Anchor rod does not thread into adapter:**
 - Verify that the anchor rod has an M8 male thread.
 - Check the M8 female thread of the adapter for damage or cross-threading.
 - Ensure the threads are clean and free of debris.
- **Adapter feels loose in the drill chuck:**
 - Ensure the adapter is fully inserted and locked into the SDS-plus chuck.
 - Inspect the SDS shank for excessive wear. If worn, the adapter may need replacement.

7. SPECIFICATIONS

Specification	Value
Model Number	530332
Brand	fischer
Material	Concrete (<i>Note: This refers to the material the adapter is used with, not the adapter's material. The adapter is typically made of steel.</i>)
Thread Size	M8 (Female)

Compatible Devices	SDS-plus Rotary Hammer Drills (for adapter connection), fischer M8 Anchor Rods (for attachment)
Package Dimensions	15 x 7 x 0.6 cm
Item Weight	10 grams

8. WARRANTY AND SUPPORT

Specific warranty information for the fischer SDS Adapter, Model 530332, should be obtained directly from the manufacturer, fischer, or from your point of purchase. Please retain your proof of purchase for warranty claims.

For technical support, product inquiries, or assistance with troubleshooting, please contact fischer customer service or your local distributor. Contact details can typically be found on the official fischer website or on the product packaging.