

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [fischer](#) /

> [Fischer SXR Frame Dowel Nylon 10x80mm \(Model 47567\) Instruction Manual](#)

fischer 47567

Fischer SXR Frame Dowel Nylon 10x80mm (Model 47567) Instruction Manual

Comprehensive guide for safe and effective use of your Fischer SXR Frame Dowels.

[Overview](#) [Installation](#) [Usage](#) [Introduction](#) [Safety Instructions](#) [Product](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

Thank you for choosing the Fischer SXR Frame Dowel Nylon 10x80mm (Model 47567). This manual provides essential information for the correct and safe installation and use of these frame dowels. The Fischer SXR dowels are designed for through-through installations in various masonry types, including perforated and hollow chamber stones, as well as solid building blocks with low pressure resistance. They feature a long spreading zone for secure fastening without the need for a pre-assembled screw.

2. SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent injury and ensure proper installation:

- **Wear appropriate personal protective equipment (PPE)**, including safety glasses, gloves, and hearing protection, when drilling.
- **Ensure the drilling area is clear** of electrical wires, water pipes, and other obstructions before drilling.
- **Use the correct drill bit size** for the dowel (10 mm diameter).
- **Important:** When drilling into *hollow bricks or perforated masonry*, always use the **rotary drilling mode only** (without impact) to prevent damage to the brick structure. For solid materials, impact drilling may be used if appropriate for the drill.
- **Do not over-tighten screws** once inserted into the dowel, as this can damage the dowel or the base material.
- **Keep out of reach of children.**

3. PRODUCT OVERVIEW

The Fischer SXR Frame Dowel is a high-quality nylon anchor designed for secure fastening of frames, battens, and other fixtures to various wall materials. Its unique design allows for efficient through-through installation.



Image 3.1: A single Fischer SXR Frame Dowel, 10x80mm, made of gray nylon. The dowel features a ribbed body and a wide collar, designed for secure anchoring in various building materials.

Key Features:

- **Material:** High-quality nylon for durability and resistance to aging.
- **Design:** Features a long spreading zone for optimal load distribution and secure hold.
- **Application:** Suitable for through-through installations in perforated and hollow chamber stones, as well as solid building blocks with low pressure resistance.
- **Screwless:** Designed to be used with appropriate screws (not included) for the specific application.

4. INSTALLATION

4.1 Tools Required:

- Rotary hammer drill or impact drill (depending on base material)
- Drill bit: 10 mm diameter

- Hammer
- Brush or vacuum cleaner for hole cleaning
- Appropriate screw (e.g., wood screw, chipboard screw) with a diameter suitable for the dowel (typically 6-8 mm).

4.2 Installation Steps:

1. **Mark the drilling point:** Position the fixture and mark the desired drilling location on the wall.
2. **Drill the hole:**
 - Use a 10 mm drill bit.
 - For *hollow bricks or perforated masonry*, set your drill to **rotary drilling mode only (no impact)**.
 - For *solid building materials*, you may use impact drilling if suitable for your drill and the material.
 - Drill to the required depth, which should be at least the length of the dowel (80 mm) plus the thickness of the fixture and any plaster/render.
3. **Clean the drill hole:** Thoroughly remove all drilling dust and debris from the hole using a brush or vacuum cleaner. A clean hole is crucial for optimal holding power.
4. **Insert the dowel:** Place the fixture against the wall. Insert the Fischer SXR frame dowel through the fixture and into the cleaned drill hole. Use a hammer to gently tap the dowel until its collar is flush with the surface of the fixture.
5. **Insert the screw:** Drive an appropriate screw (not included) through the fixture and into the dowel. As the screw is driven in, the dowel will expand, creating a secure anchor in the base material. Do not overtighten.

5. USAGE

The Fischer SXR Frame Dowel is designed for a wide range of applications where secure fastening in masonry is required. Its long spreading zone ensures reliable anchoring even in challenging materials like hollow bricks. Always ensure the chosen screw is compatible with the dowel and the intended load.

Suitable Base Materials:

- Perforated brick
- Hollow chamber blocks
- Lightweight concrete blocks
- Solid brick
- Concrete (with low pressure resistance)

For optimal performance, always consider the specific load requirements and consult local building codes or engineering advice if unsure about the suitability for heavy-duty applications.

6. MAINTENANCE

Fischer SXR Frame Dowels are designed for long-term, maintenance-free performance once correctly installed. However, proper storage and handling before installation are important:

- **Storage:** Store dowels in a cool, dry place, away from direct sunlight and extreme temperatures, to preserve the integrity of the nylon material.
- **Inspection:** Before use, visually inspect each dowel for any signs of damage, cracks, or deformation.

Do not use damaged dowels.

- **Disposal:** Dispose of used or damaged dowels according to local waste disposal regulations.

7. TROUBLESHOOTING

If you encounter issues during installation or use, consider the following common problems and solutions:

- **Dowel does not insert fully or is difficult to tap in:**
 - **Cause:** Drill hole is too small or not deep enough. Debris in the hole.
 - **Solution:** Ensure a 10 mm drill bit was used. Re-drill to the correct depth. Thoroughly clean the hole.
- **Dowel spins in the hole when inserting the screw:**
 - **Cause:** Drill hole is too large. Base material is too weak or damaged.
 - **Solution:** If the hole is too large, you may need to move to a new location or use a chemical anchor. Ensure the correct drilling technique (no impact for hollow materials) was used to avoid damaging the base material.
- **Screw does not tighten or feels loose:**
 - **Cause:** Incorrect screw diameter for the dowel. Dowel not fully expanded.
 - **Solution:** Use a screw with a diameter between 6-8 mm. Ensure the dowel is fully seated and the screw is driven in sufficiently to expand the dowel.

8. SPECIFICATIONS

Brand	fischer
Model Number	47567
Fastener Size	10 x 80 mm
Material	Nylon
Number of Pieces	200
Compatible Drill Diameter	10 mm
Item Weight (Pack of 200)	0.87 Kilograms
Item Dimensions (L x W x H)	11.02 x 7.09 x 3.54 inches
Color	Gray

9. WARRANTY AND SUPPORT

Fischer products are manufactured to high-quality standards. For information regarding product warranty, please refer to the official fischer website or contact your local distributor. Specific warranty terms may vary by region and product type.

For technical support, product inquiries, or assistance with specific applications, please visit the official fischer website or contact their customer service department. Contact details can typically be found on the product packaging or the manufacturer's website.

Manufacturer: FISCHER

Website: www.fischer.group (General corporate website, specific product support may be found there)