Press release

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New SX Plus expansion plug by fischer

Clever fastening, simple installation

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Corporate Communications

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Fastening lamps, TV consoles, bathroom cabinets, letter boxes, shutters, or smoke detectors: fischer makes fastening jobs easier than ever with the SX Plus expansion plug, which was specially developed for solid building materials. A perfect solution for pre-inserted or push-through installation.

SX Plus is replacing the popular fischer SX expansion plug. The added plus of the new fastening is its special fixation wings, which fix the screw before it is inserted by lightly pushing it into the plug. SX Plus can be used with timber and chipboard or spacing screws.

Simple installation thanks to pre-fixed screw

The fixation wings immediately fold inwards when the SX Plus is inserted in the drill hole. By slightly inserting the screw, it locks into place where it is retained. Depending on the construction material, the inserted screw can even fasten lightweight fixtures, meaning the user has both hands free during the setting process. This guarantees significantly easier installation, particularly during challenging overhead applications. SX Plus offers a firm hold in the drill hole with little effort. Just a few blows with a hammer are sufficient to ensure the plug's setting process is completed thanks to its special design.

Simple and safe screw insertion

The new SX Plus expansion plug offers additional advantages for simple and secure fastening, for instance in concrete, solid bricks, solid lime-sand brick, aerated concrete as well as hollow core ceilings made of brick and concrete. The pronounced rim prevents the plug from slipping further into the drill hole during insertion. Its expansion-free plug neck prevents the creation of expansion forces on the material surface while the screw is screwed in,

which helps to prevent damage to tiles and plaster.

Another advantage of the new SX Plus is that the plug automatically expands in four directions while the screw is tightened. This 4-way expansion enables secure anchorage and provides the optimum force distribution in the construction material while guaranteeing high retaining values in solid and hollow building materials, as well as particularly hard materials. The anti-rotation lock prevents the plug from rotating during the screw process. Last but not least, users can tell when the screw's setting process is finished thanks to the tangible tightening torque, which means any overwinding can usually be prevented.

Good to know: The SX Plus Green version is made with a minimum of 50% renewable resources, making it particularly environmentally friendly.

Image captions:

Image 1
Getting a handle on fastenings: The special fixation wings of the SX Plus fixate the screw before it is screwed in.

Images 2-3
When progress takes hold: The 4-way expansion ensures optimum force transmission into the building material and guarantees high retaining values.

Images: fischer

The fischer Group of Companies

The fischer Group of Companies, headquartered in Waldachtal in Germany's northern Black Forest, generated sales of 1.14 billion euro in 2022 with a worldwide staff of 5,600 employees. The family-owned company operates 50 subsidiaries in 38 countries and exports to more than 120 countries. It includes the five divisions: fischer fixing systems, fischer Automotive, fischertechnik, fischer Consulting and fischer Electronic Solutions.

fischer fixing systems is the technological market leader in key areas of fixing technology. fischer offers products that deliver technical perfection to a wide range of customers, from do-it-yourselfers to tradespeople to key account partners.

fischer Automotive manufactures high-quality parts for vehicle interiors. The company is highly competent in the plastics processing segment and is an important partner for the automotive industry. Its range of products includes air vents, cup holders, trays and multi-function components.

With its construction kits, fischertechnik is active in both the toymaking and the educational sector. fischertechnik is one of the last remaining toy makers to exclusively develop and produce in Germany.

fischer Consulting evolved from the competence developed in the company itself, which includes the fischer ProcessSystem with its central aim of permanent improvement for the ultimate benefit of the customer. fischer Consulting advises small and medium-sized businesses, government agencies and major companies on their path towards lean and efficient processes.

fischer Electronic Solutions develops and manufactures custom electronic solutions. The company also develops, produces and distributes custom and capacitive touch systems such as multi-touch solutions made of glass and the corresponding controller units. All electronics are manufactured in-house.

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