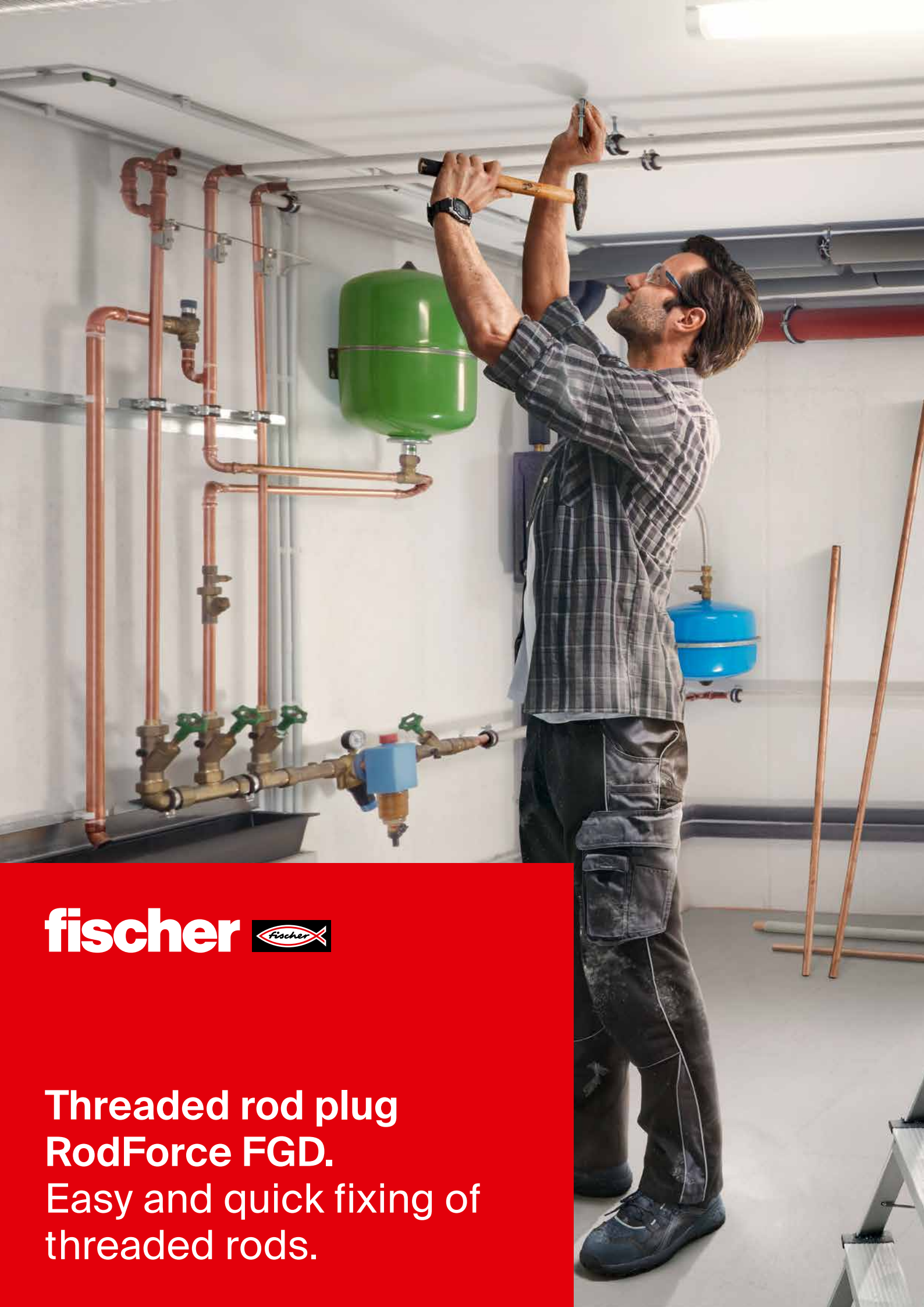




fischer 

**Threaded rod plug
RodForce FGD.**
Easy and quick fixing of
threaded rods.

RodForce FGD.

The economical hammer-set plug – easy and quick fixing of threaded rods.

The innovative plug geometry allows – without special tools – a **easy, quick and time-saving installation.**

Two expansion zones generate a **load-bearing connection** between plug and building material.

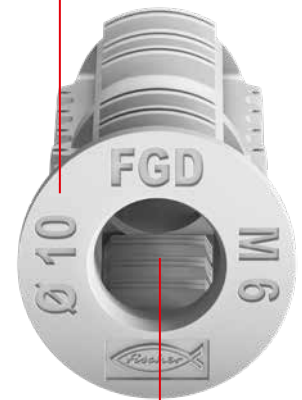
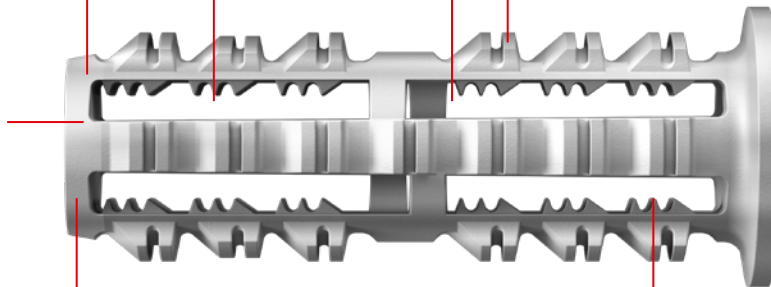
The unique elements on the outside of the plug guarantee **secure anchorage** in the drill hole.

Visible edge of the plug serves as visual setting check and guarantees a **correct setting.**

Short plug length prevents reinforcement hits and **guarantees a secure use in reinforced concrete.**

The closed plug tip is used to check the **setting depth as a stop point.** This predetermined break point also allows the threaded rod to be **hammered-in deeper.**

The teeth inside the plug allow standard, metric threads to be held: **Saving a large assortment of stud screws.**



Teeth inside

Your advantages at a glance

- The short plug length prevents reinforcement hits and guarantees a secure utilization in reinforced concrete.
- The teeth inside the plug allow standard, metric threads to be held. This saves a large assortment of stud screws.
- Installation without special tools: The only tool needed to set the plug is a hammer.
- The visible edge of the plug serves as a visual setting check and guarantees the correct setting as well as extra safety.
- Easy to check and adjust: To check the setting depth, the closed plug tip is used as a stop point. This predetermined break point also allows the threaded rod to be hammered-in deeper.

Function

- When hammering-in the threaded rod, the plug expands in four directions as a result of the conical inner geometry.
- The plug is set in pre-positioned installation. This can be done in two different ways: Pre-installation of the threaded rods in the plug with both being hammered into the wall together or pre-inserting of the RODFORCE into the drill hole followed by hammering-in of the threaded rod.
- The teeth in the plug mechanically interlock securely with the metric thread of the threaded rod.
- The unique elements on the outside of the plug brace against the wall of the drill hole.

Anchorage substrate

Suitable for the following building materials:



Concrete



Solid sand-lime brick



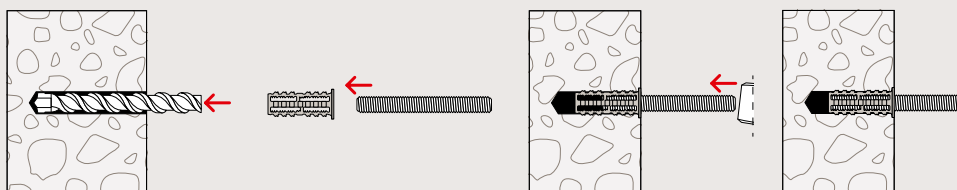
Solid brick

Function

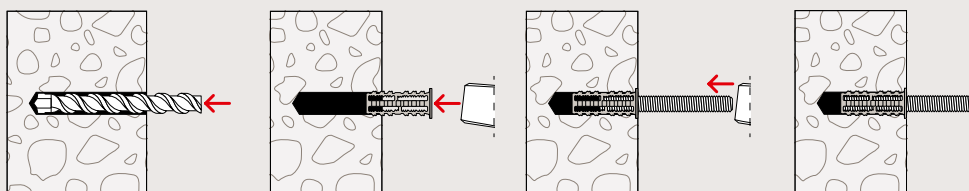


Installation, Assortment, and Loads.

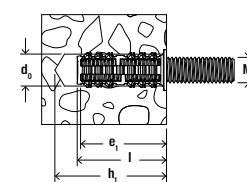
Pre-positioned installation



Pre-inserting installation



Applications



Assortment

Threaded rod plug RodForce FGD



Item	Art.-No.	Nominal drill hole diameter d_o	Min. drill hole depth at pre-positioned installation h_1 [mm]	Plug length l [mm]	Min. drop-in penetration e_1 [mm]	Threaded rod $\varnothing \times \text{Length}$ [mm]	Sales unit [pcs.]
FGD 10 M6	542106	10	40	35	33	-	50
FGD 10 M6 TR 60	542108	10	40	35	33	M6 x 60	25
FGD 12 M8	542111	12	40	35	33	-	50
FGD 12 M8 TR 60	542113	12	40	35	33	M8 x 60	25

Loads

Threaded rod plug RodForce FGD

Highest recommended loads ¹⁾ of an single anchor. The given loads are valid for machine screws or threaded rods with the specified thread size.

Type			FGD 10 M6	FGD 12 M8
Thread size		[mm]	M6	M8
Recommended load in the respective building material $F_{rec.}^{2)}$				
Concrete	$\geq C20/25$	[kN]	0,31	0,36
Solid sand-lime brick	$\geq KS 12$	[kN]	0,31	0,36
Solid brick	$\geq MZ 12$	[kN]	0,19	0,33

¹⁾ Required safety factors are considered. ²⁾ Valid for tensile load, shear load and oblique load under any angle.

Dealer:

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fischer stands for

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