fischer
threaded rod plug
RODFORCE FGD

The economical hammerset plug - easy and quick fixing of threaded rods
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.

Recommendation

- Suitable for the following building materials:
  - Concrete
  - Sand-lime solid brick
  - Solid brick

In reinforced concrete

In full-masonry
### fischer RODFORCE FGD

The economical hammerset plug in its application with assortment and loads

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**Installation within the system (2A) and installation with individual components (2B)**

1.   
2A.   
3.   
4.   

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**Applications**

- Single pipe suspension
- Heating and plumbing installation
- Suspended ceilings
- Fixing of pipe clamps

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**fischer threaded rod plug RODFORCE FGD**

<table>
<thead>
<tr>
<th>Item</th>
<th>Art.-No.</th>
<th>d₀ [mm]</th>
<th>h₂ [mm]</th>
<th>l [mm]</th>
<th>ε₁ [mm]</th>
<th>Threaded rod Ø</th>
<th>Sales unit</th>
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<td>FGD 10 M6</td>
<td>542106</td>
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Highest recommended loads ¹ of an single anchor.
The given loads are valid for machine screws or threaded rods with the specified thread size.

<table>
<thead>
<tr>
<th>Type</th>
<th>FGD 10 M6</th>
<th>FGD 12 M8</th>
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</thead>
<tbody>
<tr>
<td>Thread size</td>
<td>M6</td>
<td>M8</td>
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<tr>
<td>Recommended load in the respective building material fₚ₀,²</td>
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<tr>
<td>Concrete</td>
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<td>Solid sand-lime brick</td>
<td>KS 12</td>
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<td>Solid brick</td>
<td>MZ 12</td>
<td>0.19</td>
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</table>

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¹ Required safety factors are considered.
² Yields for tensile load, shear load and oblique load under any angle.
Our service to you

We are available to you at any time as a reliable partner to offer technical support and advice:

- Our products range from chemical resin systems to steel anchors through to nylon anchors.
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- The 3D display gives a detailed and realistic image.
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