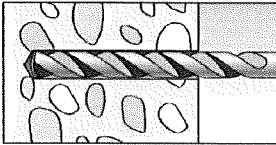
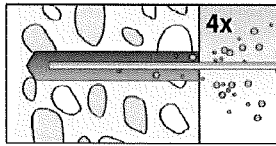
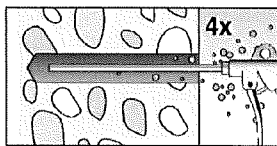
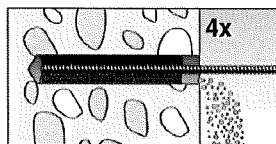
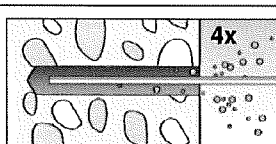
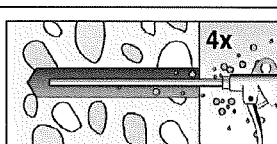


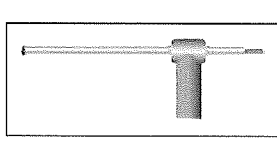
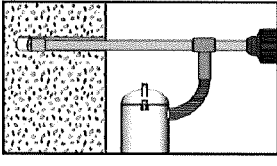
## Installation instructions part 1

### Drilling and cleaning the hole (hammer drilling with standard drill bit)

1		Drill the hole. Nominal drill hole diameter $d_0$ and drill hole depth $h_0$ see tables B3.1, B4.1, B5.1, B6.1		
2		Clean the drill hole: For $h_{ef} \leq 12d$ and $d_0 < 18$ mm blow out the hole four times by hand		For $h_{ef} > 12d$ and / or $d_0 \geq 18$ mm blow out the hole four times with oil-free compressed air ( $p \geq 6$ bar)
3		Brush the drill hole four times. For deep holes use an extension. Corresponding brushes see table B7.1		
4		Clean the drill hole: For $h_{ef} \leq 12d$ and $d_0 < 18$ mm blow out the hole four times by hand		For $h_{ef} > 12d$ and / or $d_0 \geq 18$ mm blow out the hole four times with oil-free compressed air ( $p \geq 6$ bar)

Go to step 5

### Drilling and cleaning the hole (hammer drilling with hollow drill bit)

1		Check a suitable hollow drill (see table B1.1) for correct operation of the dust extraction
2		Use a suitable dust extraction system, e. g. fischer FVC 35 M or a comparable dust extraction system with equivalent performance data  Drill the hole with hollow drill bit. The dust extraction system has to extract the drill dust nonstop during the drilling process and must be adjusted to maximum power. Nominal drill hole diameter $d_0$ and drill hole depth $h_0$ see tables B3.1, B4.1, B5.1, B6.1

Go to step 5

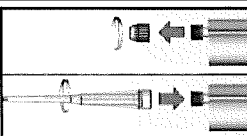
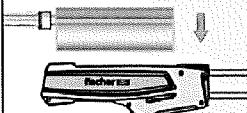
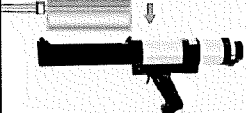
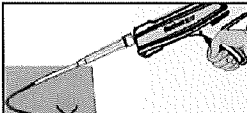

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**Intended use**  
Installation Instructions part 1

**Annex B 8**

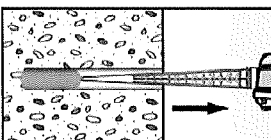
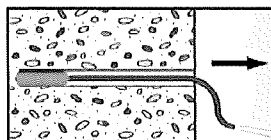
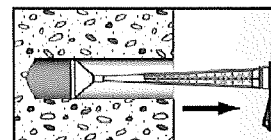
## Installation instructions part 2

### Preparing the cartridge

5		<p>Remove the sealing cap</p> <p>Screw on the static mixer (the spiral in the static mixer must be clearly visible)</p>
6		 <p>Place the cartridge into the dispenser</p>
7		 <p>Extrude approximately 10 cm of material out until the resin is evenly grey in colour. Do not use mortar that is not uniformly grey</p>

Go to step 8

### Injection of the mortar

8	 <p>Fill approximately 2/3 of the drill hole with mortar. Always begin from the bottom of the hole and avoid bubbles</p>	 <p>For drill hole depth <math>\geq 150</math> mm use an extension tube</p>	 <p>For overhead installation, deep holes (<math>h_0 &gt; 250</math> mm) or drill hole diameter (<math>d_0 \geq 40</math> mm) use an injection adapter</p>
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Go to step 9

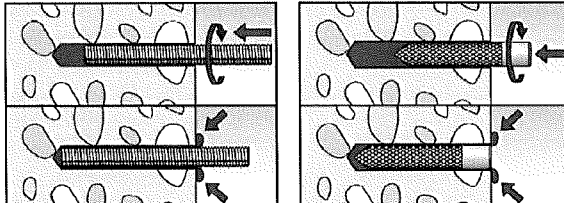
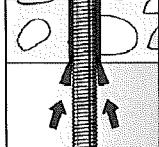
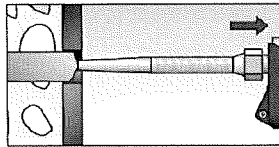

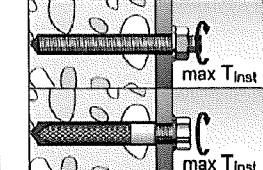
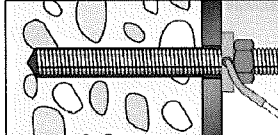
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**Intended use**  
Installation instructions part 2

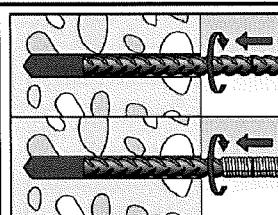
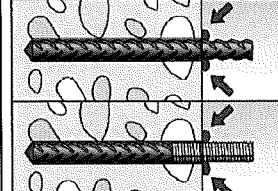

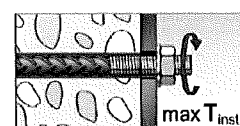
**Annex B 9**

### Installation instructions part 3

#### Installation of anchor rods or fischer internal threaded anchors RG MI

9		<p>Only use clean and oil-free metal parts. Mark the setting depth of the metal part. Push the anchor rod or fischer internal threaded RG MI anchor down to the bottom of the hole, turning it slightly while doing so. After inserting the metal parts, excess mortar must be emerged around the anchor element.</p>
	 <p>For overhead installations support the metal part with wedges (e. g. fischer centering wedges) or fischer overhead clips.</p>	 <p>For push through installation fill the annular gap with mortar</p>
10	 <p>Wait for the specified curing time <math>t_{cure}</math> see table B7.2</p>	<p>11</p>  <p>Mounting the fixture <math>\max T_{inst}</math> see tables B3.1 and B4.1</p>
Option		<p>After the minimum curing time is reached, the gap between metal part and fixture (annular clearance) may be filled with mortar via the fischer filling disc. Compressive strength <math>\geq 50 \text{ N/mm}^2</math> (e.g. fischer injection mortars FIS HB, FIS SB, FIS V, FIS EM Plus). ATTENTION: Using fischer filling disc reduces <math>t_{fix}</math> (usable length of the anchor)</p>

#### Installation reinforcing bars and fischer rebar anchor FRA

9		<p>Only use clean and oil-free reinforcing bars or fischer FRA. Mark the setting depth. Turn while using force to push the reinforcement bar or the fischer FRA into the filled hole up to the setting depth mark</p>
	 <p>When the setting depth mark is reached, excess mortar must be emerged from the mouth of the drill hole.</p>	
10	 <p>Wait for the specified curing time <math>t_{cure}</math> see table B7.2</p>	<p>11</p>  <p>Mounting the fixture <math>\max T_{inst}</math> see table B6.1</p>

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Intended use  
Installation instructions part 3

Annex B 10