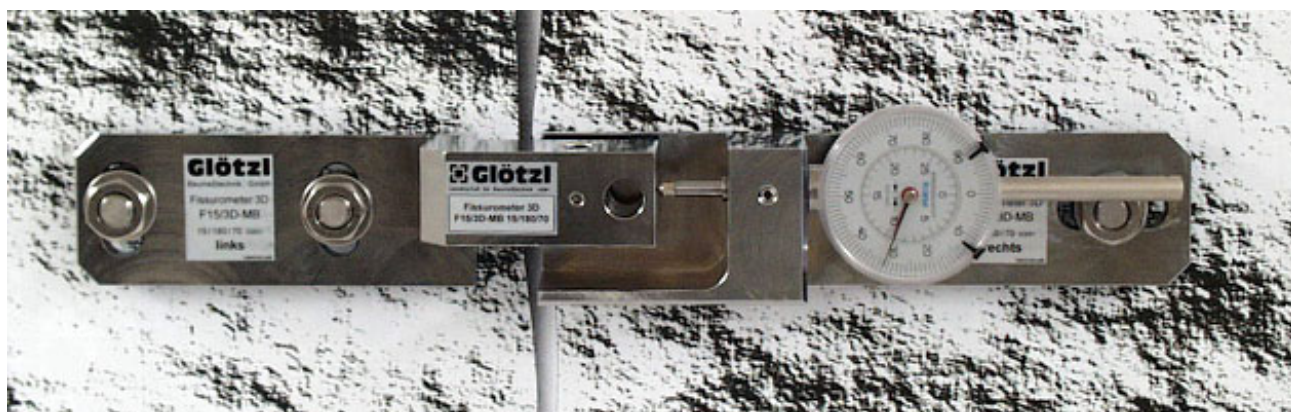


# GLÖTZL Baumeßtechnik

## FISSUREMETER

**Type: F 15/3D MBE (C) / MWE (C)**  
**Art. No.: 64.02**

The three-dimensional fissuremeter is used for recording of spatial movement of two construction parts from one another. The measuring console and the quare of the measuring instrument are fixed, then cemented at rough broken stone by means of bolts or screwed by holding plates on plane surfaces with dowel attachments. The movements are manually recorded with a dial gauge or electrically with displacement transducers in X, Y and Z directions.



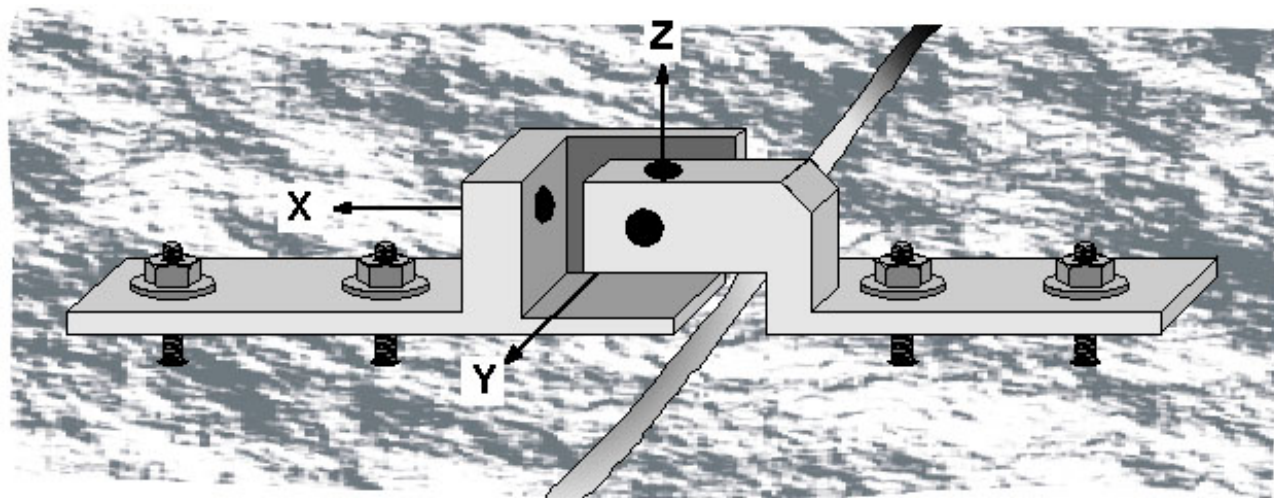
### Assembly:

When using the model F15/3D MB, the fixing is done by means of jointing anchors of threaded rods M12. For an accurate placing, the borings are done by means of a template. For insulating of the anchors the two parts of the fissuremeter are coupled with a holding device.

The model F15/3D MW is equipped with plates for dowelling on plane underground.

### Technical data:

- Jointing width up to max. 100 mm acc. to fixing
  - Measuring range +1 up to 15 mm in X, Y and Z direction
  - Material stainless steel, e.g. MBE (MWE)
  - Brass, chromium-plated e.g. MBC (MWC)
  - Measuring accuracy  $\pm 0.02$  mm
- Resolution of measuring value 0.01 mm



- Accessories:**
- + Dial gauge in transport case with calibration standard
  - + Electric displacement transducer with readout unit or automatic data recording
  - + Exchange elements for enlargement resp. expansion of measuring range

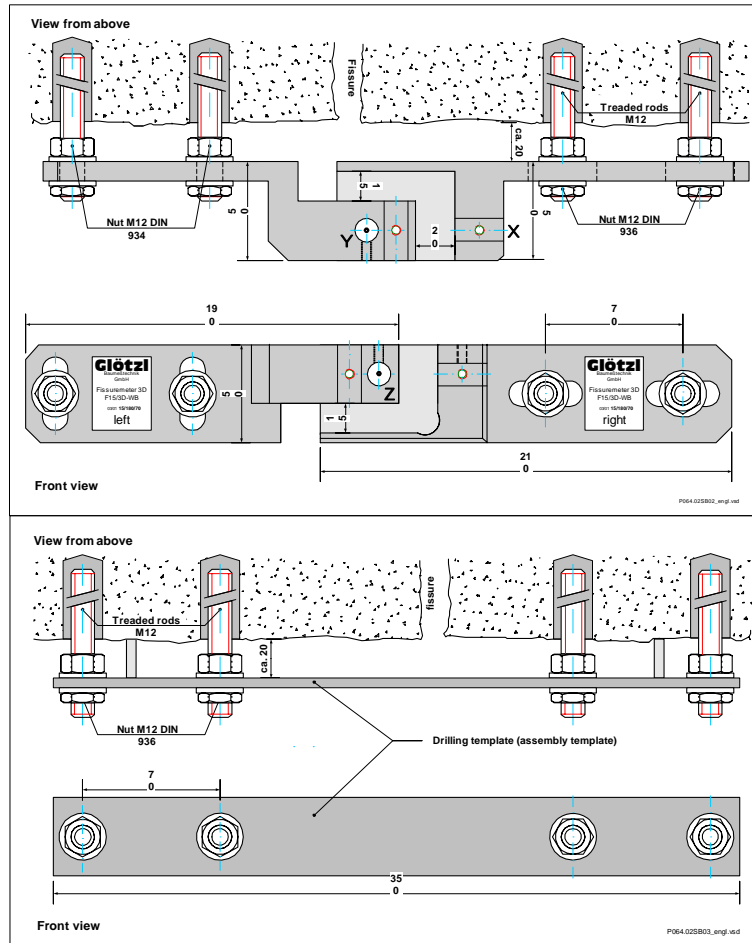
# Fissuremeter 3D 15/180/70M – Technical data and construction

## Assembly:

The fixing for model 15/180/70M is done by four jointing anchors of threaded rods M12.

1. The underground of the installation point must be plane and clean (dimensions of recess min.: H=30 cm, W=45 cm, depth of countersink = 10 cm).
2. On the provided underground the drilling template (assembly template) is placed in plane position and the four drill-holes are marked. Then the holes are drilled with the planned diameter and depth.
3. The assembly template is then positioned in the recess together with the prefitted anchor rods (threaded rods).
4. The anchor rods are fixed with a sealing compound.
5. Injection is done by prefitted tubings and with a syringe which is available as accessories.

After hardening of the injection compound, the assembly template is exchanged by the fissuremeter and can be provided with a protecting cap as protection against external influences.



## Technical data:

- Jointing width up to max. 100 mm dependent on fixing
- Measuring range  $\pm 15$  mm in X, Y and Z directions
- Material stainless steel
- Measuring accuracy  $\pm 0.02$  mm
- Resolution of meas. values 0.01 mm

## Accessories:

- Dial gauge in transport case with calibration standard
- Electric displacement transducer with readout unit or automatic data recording
- Exchange elements for enlargement resp. elongation of measuring range
- Syringe
- Protecting cap
- Assembly template

## Example: Wall assembly

