

# GLÖTZL Baumeßtechnik

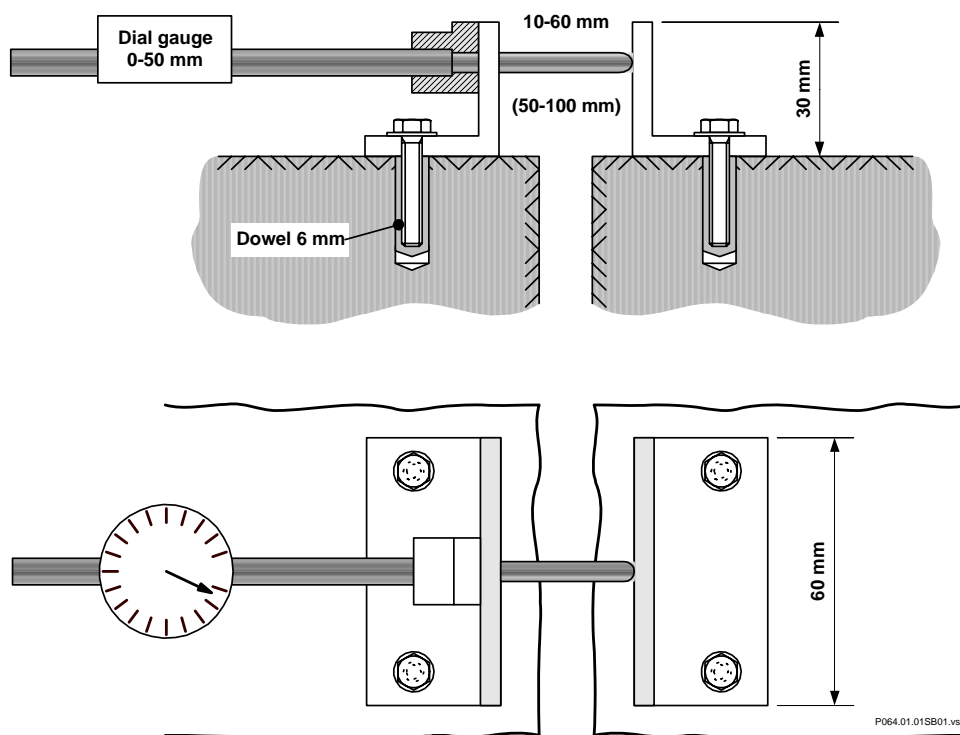
## FISSUREMETER for CONSTRUCTION FISSURES

**Type: F . . .**  
**Art. No.: 64.01.01**

The fissuremeter for construction fissures consists of two stainless steel angles which are dowelled at both sides of the fissure.

By means of a dial gauge, measuring range 50 mm, the change of fissure resp. the distance of both angles is recorded.

The standard range between the angles which can directly be recorded with the dial gauge is between 10 and 60 mm. When using an elongation of the tracer finger, a measurement between the angles of 50 up to 100 mm is possible.



For fixing of measuring angles, standard Hilti segment anchors, type HSMA 6x65, are used with a borehole diameter of 6 mm and a borehole depth of 60-70 mm.

The drilling of dowel holes is done in connection with a drilling template which is available for different system distances.

### Technical data:

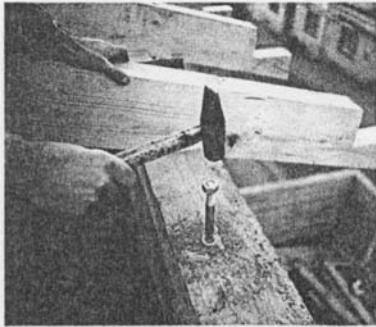
Dial gauge      Measuring range 0–50 mm, resolution 0.01 mm  
Measuring accuracy 0.02–0.05 mm

### Article Nos.:

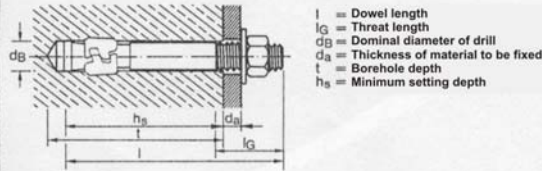
60.01.10.03    Dial gauge, measuring range 0–50 mm, resolution 0.01 mm with transport case  
64.01.01        Set of measuring angles, consisting of dial gauge transducer and tracer finger stop with 4 dowels  
64.01.01.01    Drilling template for 30/50/70 and 90 mm distance  
64.01.01.02    Drilling template for 20/40/60 and 80 mm distance

# Universal Dowels of Steel for Concrete

## Hilti Segment Anchors, galvanized, HSA



Outside threaded dowel of mean loads. Setting to work with commercially approved power-controlled spreading. The luminous red controlling makes eventually incorrect assembly visible.



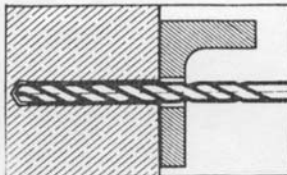
Hardened spherical shell segment

Red control ring, makes incorrect assemblies visible

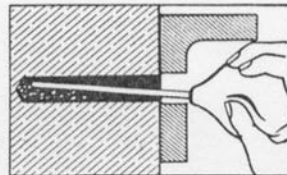
Completely pre-assembled with nuts and U-disc

Article No.	Order designation	Outer diameter mm = nominal diameter of drill $d_G$ mm	Dowel length $l$ mm	Thread length $l_G$ mm	Minimum setting depth $h_a$ mm	Minimum borehole depth $t$ mm	Admissible fixing high max. $d$ mm	Packed in pieces
66304/7	HSA M 6 x 65	6	65	20	50	60	6	100

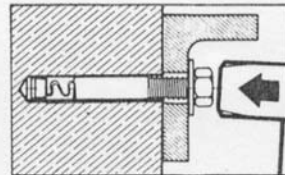
## Handling



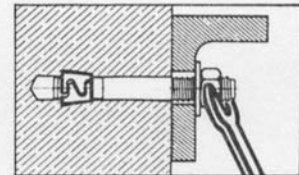
Drill hole



Clean borehole with bellows



Completely drive in anchor with hammer strokes



Tighten nut and spread anchor, control of spreading with torque spanner

## Technical data

Extract from the application conditions of the permission. For measurement and assembly please consider the "special regulation".					
	M6	M8	M10	M12	M16
No. of permission	Z-21.1-45				
Anchor ground	Normal concrete from class strength B 25 onward				
Admissible load for each dowel max. for all load directions B 25 pressure zone in kN	1,5	2,8	4,0	5,7	8,4
Required centre distance $a$ in cm	16	18	26	34	46
Required boundary $a$ in cm	8	9	13	17	23
Further remarks	External and internal test reports and expert's report which are exceeding the range of permission, e.g reduced loads for reduced centre distance, different setting depth a.s.o, consulting on request.				
Further technical information see our manual "Handbuch der Befestigungstechnik"					