

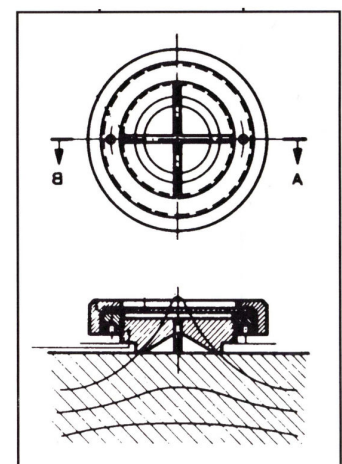
## Test Body according to Berthold

134.003.000

**The test body is a simple testing device for the determination of the direction of the magnetic field.**

When placing the test device onto a magnetized work piece a part of the magnetic lines of force flows through the soft iron cylinder. When applying magnetic powder or a liquid magnetic suspension, one of the gaps is shown on the membrane, depending on the field direction. The further one can turn the membrane from the soft-iron cylinder upwards, without the disappearance of the magnetic power indicator, the greater the sensitivity of the indicator obtainable with the respective test procedure. This may be a result of increased strength of current and/or of the sensitiveness of the used magnetic powder.

In order to determine the direction of the magnetic field the test body should rotate slowly until a maximum of the gap is shown. In this position the magnetic field is transverse to the gap shown.



### Technical data

Diameter of the test body:	20 mm
Height of the test body:	5 mm
Length of the holding device:	95 mm
Weight:	24 g

June 19, 2008