

## Equipment

Product information  
Test block, magnetized



### Test block, magnetized

for comparison tests in Magnetic Particle Testing

#### Description:

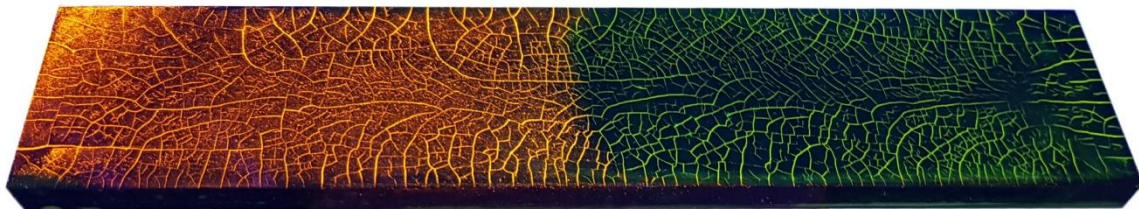
The test block consists of a steel alloy. A special treatment of the surface of the residually magnetized test block causes a net of grinding cracks and corrosion tension cracks.

The test block is perfectly suited for comparison of different magnetic particle test media. Colour tones, brightness and background fluorescence can be compared easily.

Dimension: 200x50x9 mm

Weight: 745 g

**Art. No. G18**



The test block is not mentioned in any standard but it has the same technical characteristics like the reference test block type 1.

#### Application:

- 1) *When using coloured Magnetic Particle Testing*  
Apply white contrast paint to test block and allow to dry.
- 2) Apply magnetic particle suspension (dipping or spraying) and allow excess solution to run off.
- 3) Inspect the reference block under day light or under UV light  
→ All tests should have the same viewing conditions, e.g. UV intensity, distance.

#### Special notes:

Exposure to strong magnetic fields can make the reference block useless. Avoid damage of the surface.

We recommend using several reference blocks for different Magnetic Particle test methods (coloured/fluorescent).

Use a lightly wet cloth for cleaning (e.g. with MR<sup>®</sup> cleaner) and check it with a UV lamp.

We recommend an annual factory calibration by MR Chemie. This calibration includes the cleaning of test block in an ultrasonic cleaning bath, new magnetization and issuing of a new certificate.