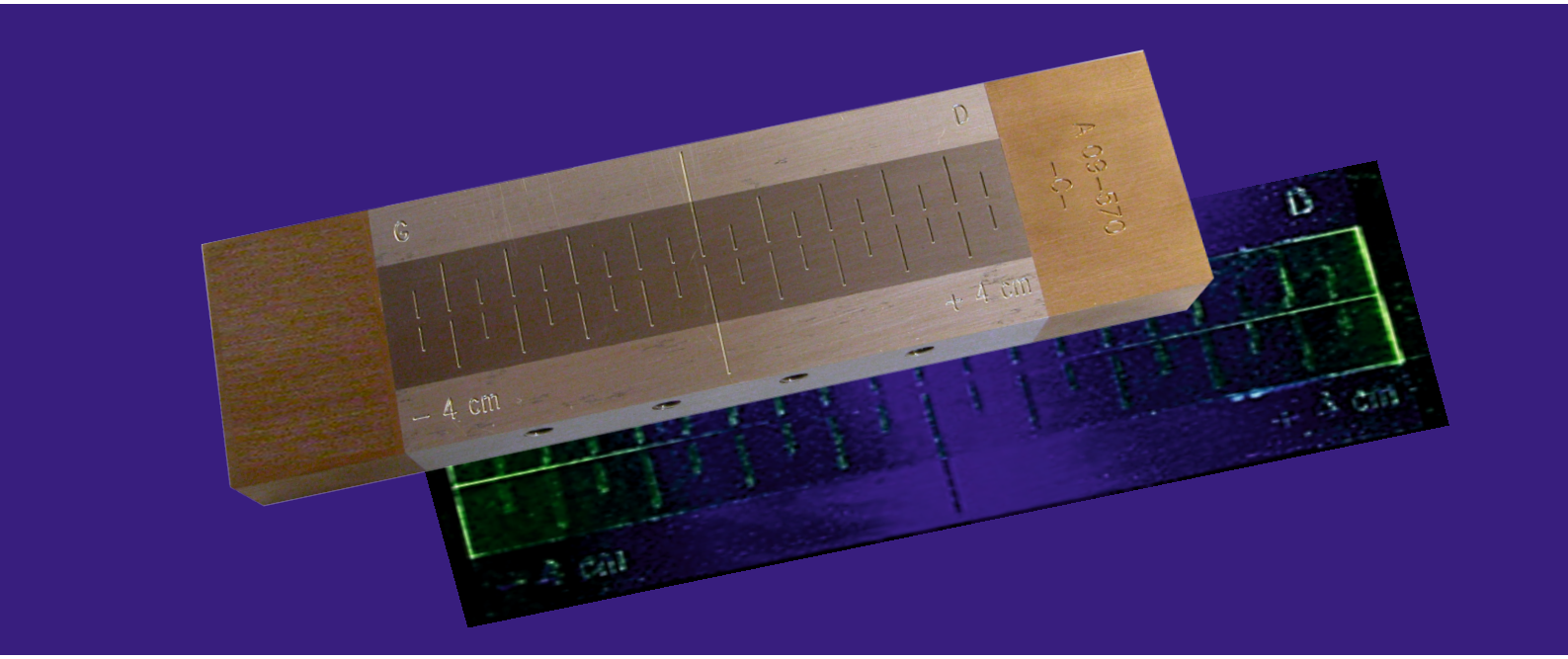
Reference Block Type 2



Reference block Type 2 according to EN ISO 9934-2 for control and monitoring the indication sensitivity of magnetic powder suspensions.

Reference block 2 consists of two steel blocks precisely ground into each other and separated by an Al foil (15 µm). There is a permanent magnet on each of the two end faces. This generates a magnetic leakage flux above the interface, which becomes weaker with increasing distance from the magnet.

As the test block is applied with magnetic suspension, indications begin to form—more prominently at the ends and decreses towards the centre. The lengths of these indications serve as a measure of the suitability of the magnetic powder suspension being used. The total length of the left and right indications is evaluated.

Indication length provides a measure of performance. Longer indications are observed when the bath is fresh and tend to become shorter as the solution deteriorates with use.

Technical Data:

- Tangential field strength perpendicular to the artificial fault at the +4 / -4 markers : +100 A/m / -100 A/m
- Dimensions : 155 mm x 40 mm x 12 mm

Scope of Delivery:

Reference block 2 with certificate acc. to EN ISO 9934-2

ATPL Brochure Reference block Type 2 2026/01

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