

Designation: Test block MTU N°3

Model: Matcon MTU ring

Part Number: MT_MA_NL_MTU

DESCRIPTION

MTU test block number 3 (EN-ISO 9934-2; also known as reference block type 1) to test the concentration of your magnetic powder suspensions, to ensure optimal error indication while carrying out magnetic particle inspection.

The disc is used to check the performance and sensitivity of the magnetic particle materials, to allow you to assess the material degradation and/ or bath contamination

The test piece is produced as a disc with a diameter of 50 mm and a thickness of 10 mm.

Drilled hole with a diameter of 10 mm is located at the center of the block. This drilling hole serves as support of a magnetizing mandrel, for which a magnetizing field strength of 24 A/cm is required within the test piece.

The test piece is constructed of an alloy consisting of steel and vanadium. This construction ensures that, once magnetized, the test block will retain its optimum performance for crack indications without the need for further magnetization.



SPECIFICATIONS

- Diameter of block : 50 mm
- Thickness of block: 10 mm.
- Hole diameter in the middle: 10 mm
- Complies with standard: EN-ISO 9934-2

