MTU Block

MTU Test Block (EN-ISO 9934-2), commonly referred to as reference block type 1 used to evaluate the concentration of your magnetic powder suspensions. This test is essential for ensuring accurate error indication during magnetic particle inspection. The purpose of using this disc is to assess the performance and sensitivity of the magnetic particle materials. It enables you to evaluate material degradation and potential bath contamination, ensuring the optimal functionality of the inspection process.

Application:

- Prior to utilizing the test piece, ensure its freedom from dust, oil, and other repellent substances. If needed, Use FlawGlo SC-190 cleaner for thorough cleaning.
- Make sure the magnetic particle suspension undergoes sufficient mixing for a minimum of 5 minutes before applying it to the test block.
- Spray the sides of the test block with the magnetic particle suspension.
- Following the application of the suspension, position the block vertically on an absorbent cloth to allow any excess liquid to drain off, facilitating the inspection of the crack pattern.
- Each test block is accompanied by a certificate featuring reference photographs depicting the results obtained on both sides of the block. These tests were conducted in adherence to EN-ISO 9934-2.
- After the visual inspection, use SC-190 to clean the test block. Leaving magnetic powder residue on the surface for an extended period may result in permanent indications being displayed.

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