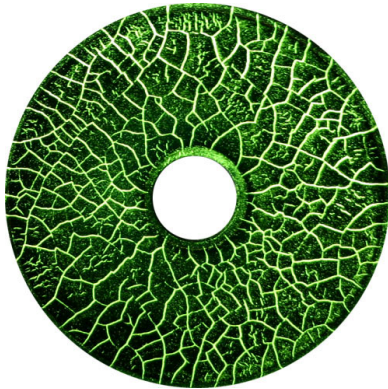


# Circle Systems, Inc.

Magnetic Particle Inspection Materials

## Product Information Sheet Reference Block Type 1 (MTU-3)



The Reference Block is a permanently magnetized steel disc containing coarse and fine cracks that have been induced onto the surface through a special treatment. The surface is then ground and coated. The disc is used to test the performance of the magnetic particle materials and lighting environment being used and to check the sensitivity of the materials on a daily basis for material degradation and/or bath contamination. A reference photograph accompanies the Reference Block so the existing bath can be compared to indications from an optimum system.

### Physical Characteristics

Steel Disc - 50 mm in diameter by 11mm thick, with a 10.5 mm hole through the center.

### Specification

International Standard Organization ISO 9934-2, Section B.1 Reference block type 1 - latest revision

### Related Product Information:

Technical Bulletin #316

### Item # Package Size

5801	Each (Side 1 - Grinding Cracks; Side 2 - Quench Cracks)
5802	Each (Both Sides - Random Cracks)

P.O. Box 1228, Hinckley, Illinois 60520 USA  
Phone: 815-286-3271 Fax: 815-286-3352  
E-mail: [customerservice@circlesafe.com](mailto:customerservice@circlesafe.com)  
URL: [www.CircleSafe.com](http://www.CircleSafe.com)