NDT Supply.com, Inc.
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Ray-Check ASTM E317

Sensitivity-Resolution Blocks

Overview

ASTM E317 Figure 1 and Figure 6 blocks are used to evaluate the sensitivity, entry surface resolution and horizontal/vertical linearity characteristics of UT equipment per ASTM E317.

Flat bottom hole sizes and metal travel distances (inches) are: 1/64” at 3”, 2/64” at 3”, 5/64” at 1/8”, ¼”, 3/8”, ½”, ¾”, 1” and 1-1/2”.

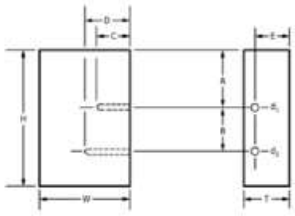
Figure 1 and Figure 6 blocks are sold separately.

Figure 1

Figure 6

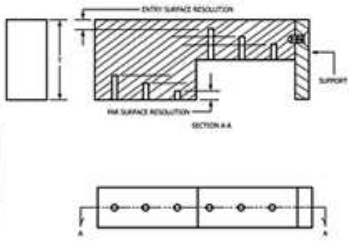
ASTM E317 Block, Figure 1

ASTM E317 Block, Figure 1 is used for evaluating horizontal and vertical linearity characteristics of ultrasonic pulse-echo systems. It contains two 3/64” diameter side-drilled holes in accordance with ASTM E317.



ASTM E317 Block, Figure 6

ASTM E317 Resolution Block, Figure 6 is used for evaluating the resolution characteristics of ultrasonic pulse-echo system. It contains six 3/64” diameter flat-bottom holes in accordance with ASTM E317.



Standard Materials:

- Steel 1018
- Aluminum 7075
- Stainless Steel 304
- Titanium 6/4
- Inconel 600 (Also available in Hastelloy-X and Monel 400)

All Blocks are supplied with Manufacturer Certificate of Conformance and Material Certification.

(Dimensional Certification and Serialization is available at additional cost).

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