

NDE TECH

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The Reference Standards for NDT Industry

PAUT-Type A Calibration Block Inch Version & Metric Version



PAUT-Type A Calibration Block

Phased Array "Type A" Calibration Block is used during the initial setup and calibration of a phased array ultrasonic unit. This block can be used to perform tasks such as beam angle verification, calibration for wedge delay, sensitivity calibration, performing DAC/TCG and more. This block has similar dimensions to a IIW-Type Block, but has specially-engineered for phased array applications.

Inch Version Geometry: 4.000" and 2.000" radii, 19 through holes at .040" diameter, 1 through hole at .080" diameter

4 FBHs at 0.080" diameter x 0.080", 0.160", 0.235" and 0.315" deep.

4 FBHs at 0.157" diameter x 0.040", 0.120", 0.200" and 0.275" deep.

3 FBHs at 0.080" diameter x 0.120" deep machined into the 2.000" radius.

4 EDM notches at 0.004", 0.008", 0.012" and 0.016" deep x 0.020" wide x 1.00" long.

Dimensions: 1.000" thick x 4.000" tall x 12.00" long.

Metric Version Geometry:

100.0 mm and 50.0mm radii, 19 through holes at 1.0mm diameter, 1 through hole at 2.0mm diameter

4 FBHs at 2.0mm diameter x 2.0mm, 4.0mm, 6.0mm and 8.0mm deep

4 FBHs at 4.0mm diameter x 1.0mm, 3.0mm, 5.0mm and 7.0mm deep

3 FBHs at 2.0mm diameter x 3.0mm deep machined into the 50mm radius

4 EDM notches at 0.1mm, 0.2mm, 0.3mm and 0.4mm deep x 0.5mm wide x 25.0mm long.

Dimensions: 25.0mm thick x 100.0mm tall x 300.0mm long.

Material: Available in different grade materials.

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