

Calibration Blocks



Product Description

Elcometer NDT offer a comprehensive range of calibration blocks to suit a wide range of applications and standards.

Selecting the right calibration block

Selecting the correct calibration block for your applicaiton is essential to ensure accurate evaluation. The form, shape and material of the calibration block should be appropriate for the material being inspected. Any artificially induced flaw should closely resemble that of the actual flaw being tested for. Elcometer NDT offer a full range of standard calibration blocks, for more information contact Elcometer.

Block Type	Steel	Aluminium	Stainless Steel	Titanium
4 Step Block 0.04 - 0.25"	TW-24001-S1018	TW-24001-A	TW-24001-SS	TW-24001-T
4 Step Block 0.25 - 1.00" (step sizes 0.25, 0.5, 0.75, 1.00")	TW-24004-S4340	TW-24004-A	TW-24004-SS	TW-24004-T
5 Step Block 0.10 - 0.5" (step sizes 0.10, 0.20, 0.30, 0.40, 0.5")	TW-24002-S4340	TW-24002-A	TW-24002-SS	TW-24002-T
8 Step Block 1 - 8mm (step sizes 1, 2, 3, 4, 5, 6, 7, 8mm)	TW-24005-S1018	TW-24005-A	TW-24005-SS	TW-24005-T
10 Step Block 0.1 - 1.0" (step sizes 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7 0.8, 0.9, 1.0")	TW-24003-S1018	TW-24003-A	TW-24003-SS	TW-24003-T
10 Step Block 2 - 20mm (step sizes 2, 4, 6, 8, 10, 12, 14, 16, 18, 20mm)	TW-24006-S1018	TW-24006-A	TW-24006-SS	TW-24006-T
10 Step Block 2.5 - 25mm (step sizes 2.5, 5, 7.5, 10, 12.5, 15, 17.5, 20, 22.5, 25mm)	TW-24007-S1018	TW-24007-A	TW-24007-SS	TW-24007-T
IIW V-1 (Metric BS 2704)	TW-24010-S	TW-24010-A	TW-24010-SS	TW-24010-T
IIW Type 1 (IIW, ASTM E-164 & MIL-STD-2154)	TW-24008-S	TW-24008-A	TW-24008-SS	TW-24008-T
IIW Type 2 (IIW & USAFTO 33 B1-1-1 (6-1-84))	TW-24009-S	TW-24009-A	TW-24009-SS	TW-24009-T
Mini IIW	TW-24009-S-2	TW-24009-A-2	TW-24009-SS2	TW-24009-T-2
Angle Beam V-2 20mm & 5mm	TW-24015-S205	TW-24015-A205	TW-24015-SS205	TW-24015-T205
Angle Beam V-2 20mm & 1.5mm	TW-24016-S201	TW-24016-A201	TW-24016-SS201	TW-24016-T201
Angle Beam V-2 12.5mm & 1.5mm	TW-24017-S121	TW-24017-A121	TW-24017-SS121	TW-24017-T121
Angle Beam V-2 12.5mm & 5mm	TW-24018-S125	TW-24018-A125	TW-24018-SS125	TW-24018-T125
Angle Beam ROPAS (ASTM E-164 & USAFTO 33 B-1-1) Angle beam calibration	TW-24014-S	TW-24014-A	TW-24014-SS	TW-24014-T
DSC (AWS & ASTM E-164) Shear wave distance & sensitivity calibration	TW-24012-S	TW-24012-A	TW-24012-SS	TW-24012-T
DS (ANSI & AWS) Distance & sensitivity	TW-24013-S4340	TW-24013-A	TW-24013-SS	TW-24013-T
ANSI/AWS Resolution - RC Resolution capabilities of angle beam transducers	TW-24019-S	TW-24019-A	TW-24019-SS	TW-24019-T
SC (AWS & ASTM E-164) Sensitivity calibration (shear wave)	TW-24020-S	TW-24020-A	TW-24020-SS	TW-24020-T
DC (AWS & ASTM E-164) Distance calibration (shear wave)	TW-24021-S	TW-24021-A	TW-24021-SS	TW-24021-T
IOW Beam Profile (BS2704) Beam profile measurement of angle beam transducer	TW-24022-S	TW-24022-A	TW-24022-SS	TW-24022-T
NAVSHIPS (NAVSEA T 9074-AS-GIB-010/271) Distance correction and sensitivity levels	TW-24023-S	TW-24023-A	TW-24023-SS	TW-24023-T
ASME ref.block 0"-1" (ASME SEC V Article 23 T-534.2.1) Angle beam calibration	TW-24024-S	TW-24024-A	TW-24024-SS	TW-24024-T
ASME ref.block 1"-2" (ASME SEC V Article 23 T-534.2.1) Angle beam calibration	TW-24025-S	TW-24025-A	TW-24025-SS	TW-24025-T
ASME ref.block 2"-4" (ASME SEC V Article 23 T-534.2.1) Angle beam calibration	TW-24026-S	TW-24026-A	TW-24026-SS	TW-24026-T
ASME-N-625 ref. plate (ASME 1275N B.P., Section 3, Nuclear Vessels) Longitudinal shear and surface wave sensitivity calibration	TW-24027-S	TW-24027-A	TW-24027-SS	TW-24027-T