METAL TO METAL LAP SHEAR SPECIMEN
FABRICATION FIXTURE (SS)

The fixture consists of a ground stainless steel tooling plate, removable lower profile panel positioning points for specimen panel alignment, and ground clamp bars with guide holes for positioning. Supplied with 12 sets of (2) 2024 Aluminum slotted specimen panels and 12 pieces of adhesive slip sheets. The fixture accommodates (2) 5.75” wide slotted lap shear tab material panel that is 0.064” (1.62mm) thick and overlaps 1/2”. The fixture is constructed of stainless steel in accordance with ASTM D1002.

Model No. ASTM.D1002.30 - Metal to Metal Lap Shear Specimen Fabrication Fixture

Material Testing Technology
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MODEL NO. ASTM.D1002.30
ASTM - METAL - MISC

ACCESSORIES
Model No. ACC.D1002.3001 - 100pcs of 6061 AL 1/2" Overlap Slotted Specimen Panels
Model No. ACC.D1002.3002 - 100pcs of 7075 AL 1/2" Overlap Slotted Specimen Panels
Model No. ACC.D1002.3003 - 100pcs of A36 Steel 1/2" Overlap Slotted Specimen Panels
Model No. ACC.D1002.3004 - Pack of (24) Die-Cut Underlayment Mylar Film
Model No. ACC.D1002.3006 - Pack of (25) Double Lap Shear Spacer Plates
Model No. ACC.D1002.3050 - 100pcs of 2024 AL 1" Overlap Lap Shear Slotted Specimen
Model No. ACC.D1002.3051 - 100pcs of 6061 AL 1" Overlap Lap Shear Slotted Specimen
Model No. ACC.D1002.3052 - 100pcs of 7075 AL 1" Overlap Lap Shear Slotted Specimen
Model No. ACC.D1002.3053 - 100pcs of A36 Steel 1" Overlap Lap Shear Slotted Specimen

SPARE PARTS
Model No. SPA.D1002.3001 - 100pcs of 2024 AL 1/2" Slotted Specimen Panels

REFERENCE DOCUMENT AND TEST METHOD SCOPE:
Scope http://www.astm.org/Standards/D1002.htm
ASTM D1002-10
Standard Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal)
1.1 This test method covers the determination of the apparent shear strengths of adhesives for bonding metals when tested on a standard single-lap-joint specimen and under specified conditions of preparation and test.
1.2 The values stated in SI units are considered to be the standard. The values given in parentheses are for information only.
1.3 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.