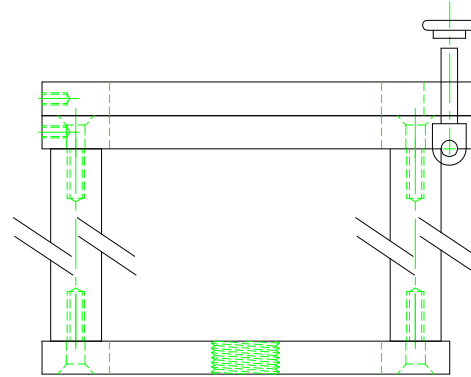
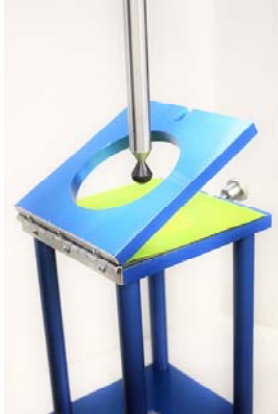


STATIC PUNCTURE STRENGTH TEST FIXTURE



Specimen:	Width	6"
	Thickness	Up to 1/8"
	Length	6"
Fixture:	Construction	Aluminum with a protective anodized finish
	Temperature	-20 to 120°F (-29 to 49°C)
	Mounting	1/2" -20 coupling top, 1" -14 coupling bottom
	Capacity	1,000 lbs (4.4 kN)
	Weight	12 lbs approximately
	Dimensions	6.5" x 6.0" x 10" approximately
	Standard	Manufactured in accordance with ASTM D4649, D5748, and D6241.

Model No. ASTM.D6241.10 - Puncture Resistance Fixture (compression mode) - The fixture clamps the geotextile specimen between two clamping plates. The plates have a 6" (150mm) internal diameter. The clamping plates are supported above the base plate which has 1" -14 threaded coupling. The plunger assembly includes a 50mm diameter polished plunger with a flat end, a plunger shaft, and 1/2"-20 threaded loading coupling. The fixture is also supplied with a specimen cutting template. Constructed of high strength steel with a protective finish in accordance with ASTM.D6241.

MODEL NO. ASTM.D6241.10

ASTM, STATIC, PUNCTURE, GEOTEXTILES, 50MM

ACCESSORIES

ACC.D6241.1001 - 1" Diameter Stainless Steel Ball Shaped Probe
ACC.D6241.1002 - 1" Diameter Teflon Covered Pear Shaped Probe
ACC.D6241.1003 - 1" Diameter Teflon Pear Shaped Probe

Upper fixture attachment is supplied with 1/2" -20 female coupling (Common adapter sizes include:)

Model No. M01S21 - 1/2" Male Clevis (Type B) to 1/2" -20 Threaded Stud
Model No. M02S21 - 5/8" Male Clevis (Type C) to 1/2" -20 Threaded Stud
Model No. M03S21 - 1.25" Male Clevis (Type D) to 1/2" -20 Threaded Stud
Model No. M12S21 - 12mm Male Clevis (Type O) to 1/2" -20 Threaded Stud
Model No. S36S21 - 1" -14 to 1/2" -20 Threaded Step Stud
Model No. LN21 - 1/2" -20 Threaded Locking Nut with Knurled OD

Lower fixture attachment is supplied with 1" -14 female coupling. (Common adapter sizes include:)

Model No. M03S36 - 1.25" Male Clevis (Type D) to 1" -14 Threaded Stud
Model No. S42S36 - 1.25" -12 to 1" -14 Threaded Step Stud
Model No. S48S36 - 1.5" -12 to 1" -14 Threaded Step Stud
Model No. S60S36 - 2" -12 to 1" -14 Threaded Step Stud

SPARE PARTS

SPA.D6241.1001 - Extra Specimen Template
SPA.D6241.1002 - Extra Rubber Gasket
SPA.D6241.1003 - Extra 3/4" Diameter Teflon Covered Pear Shaped Probe

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/D6241.htm>

ASTM D6241 - 14

Standard Test Method for Static Puncture Strength of Geotextiles and Geotextile-Related Products Using a 50-mm Probe

1.1 This test method is an index test used to measure the force required to puncture a geotextile and geotextile-related products. The relatively large size of the plunger provides a multidirectional force on the geotextile.

1.2 The values stated in SI units are to be regarded as 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.

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