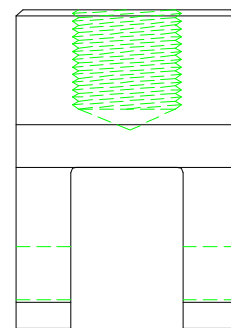
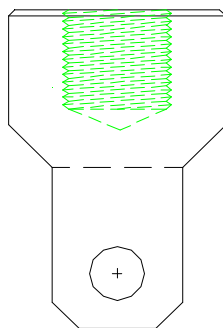


DOUBLE-CANTILEVER BEAM SPECIMEN LOADING CLEVIS SET



Specimen:	Width	1" (25.4mm)
	Thickness	1" (25.4mm) + adhesive thickness assembled
	Hole	1/4" (6.35mm)
Fixture:	Construction	Stainless steel
	Temperature	-240°F to 600°F (-150°C to 316°C)
	Mounting	3/4" -10 threaded couplings
	Capacity	12,000 lbs
	Weight	5 lbs approximately
	Dimensions	2" x 2" x 6.5"
	Pin Diameter	1/4"
	Standard	Manufactured in accordance with ASTM D3433

Model No. ASTM.D3433.10 - Double-Cantilever Beam Specimen Loading Clevis Set (SS)
(b) Specimen Width = 1.000"
Loading Pin Diameter = 0.250"
Clevis Thread Size = 3/4" -10 class 2B

Precision machined compact tension loading clevis set of two with loading pins and retaining hairpins. The clevis will be made from heat treated high strength steel. The clevis is supplied with a female thread for attachment with a fatigue rated loading stud. The clevis set is constructed in accordance with ASTM D3433. This should be used with a universal joint to provide a spherical seat per the standard.

MODEL NO. ASTM.D3433.10

ASTM, FRACTURE, CLEAVAGE, TENSION,

ACCESSORIES

Upper and lower fixture attachment is supplied with 3/4" -16 female coupling (Common adapter sizes include):

Model No. M01S30 - 1/2" Male Clevis (Type B) to 3/4" -16 Threaded Stud
Model No. M02S30 - 5/8" Male Clevis (Type C) to 3/4" -16 Threaded Stud
Model No. M03S30 - 1.25" Male Clevis (Type D) to 3/4" -16 Threaded Stud
Model No. M12S30 - 12mm Male Clevis to 3/4" -16 Threaded Stud
Model No. S36S30 - 1" -14 to 3/4" -16 Threaded Step Stud
Model No. LN30 - 3/4" -16 Threaded Locking Nut with Knurled OD

SPARE PARTS

SPA.D3433.1001 - extra set of 1/4" pins and retaining hairpins

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/D3433.htm>

ASTM D3433 - 99(2012)

Standard Test Method for Fracture Strength in Cleavage of Adhesives in Bonded Metal Joints

1.1 This test method(1, 2, 5, 6, 9)2 covers the determination of fracture strength in cleavage of adhesives when tested on standard specimens and under specified conditions of preparation and testing (Note 1).

1.2 This test method is useful in that it can be used to develop design parameters for bonded assemblies.

Note 1—While this test method is intended for use in metal-to-metal applications it may be used for measuring fracture properties of adhesives using plastic adherends, provided consideration is given to the thickness and rigidity of the plastic adherends.

1.3 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.4 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.

Extracted, with permission, from ASTM D3433 Standard Test Method for Fracture Strength in Cleavage of Adhesives in Bonded Metal Joints, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19482. A copy of the complete standard may be purchased from ASTM International, www.astm.org.