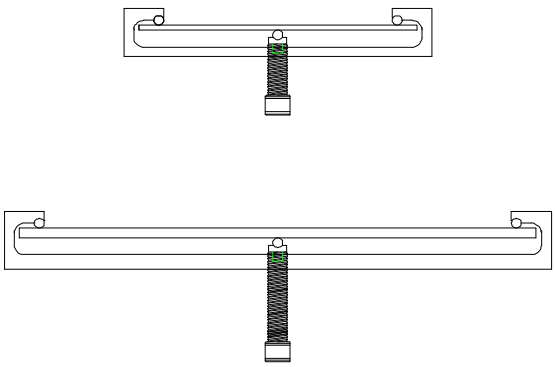
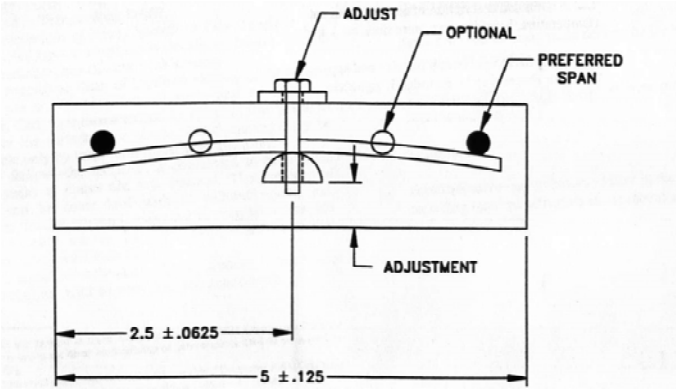
THREE POINT STRESS CRACKING BY BENDING BEAM FIXTURE





Specimen:	Width	1/2” (13mm)
	Thickness	1/4” (6.4mm)
	Length	5” (130mm)
Fixture:	Construction	Aluminum and steel with a protective finish
	Temperature	-20 to 120°F (-29 to 49°C)
	Mounting	Free standing
	Weight	5 lbs approximately
	Dimensions	5” x 1.5 x 2”
	Standard	Manufactured in accordance with ASTM D3929

Model No. ASTM.D3929.10 - Three Point Stress Cracking Fixture
The fixture consists of a u shaped retention frame that provides the two outer most support points. These points are radiused directly into the frame. The three point loading pin is supported and moved by a threaded loading stud. Accommodates specimens that measure 5” long by up to 1/2” wide and 1/4” thick. Please specify length when placing order. Constructed of aluminum and steel with a protective finish in accordance with ASTM D3929.

Material Testing Technology
420 Harvester Court - Wheeling, IL. 60090 – Ph: (847) 215-7448 Fax: (847) 215-7449 E-mail: sales@mttusa.net

MODEL NO. ASTM.D3929.10

ASTM, STRESS, CRACKING, BENDING, BEAM,

ACCESSORIES

No accessories

SPARE PARTS

Contact us for spare or replacement parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

http://www.astm.org/Standards/D3929.htm
ASTM D3929 - 03(2015)
Standard Test Method for Evaluating Stress Cracking of Plastics by Adhesives Using the Bent-Beam Method
1.1 This test method describes a procedure for determining the compatibility of adhesives with plastics based on whether the adhesive causes cracking of stressed samples.
1.2 Specimen configurations and test fixture designs are given.
1.3 This test method is suitable for products in the form of sheet or strip. It can also be used on injection molded tensile specimens or flexural bars.
1.4 The values stated in SI units are to be regarded as the standard. The inch-pound units given in parentheses are for information only.
1.5 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.