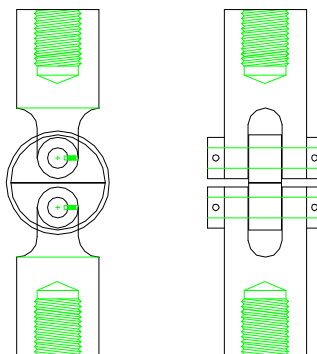


HIGH STRENGTH SPLIT DISK FIXTURE FOR PLASTIC MATERIALS (8" DIAMETER AND UP)



Specimen:	Diameter	Up to 8" and up
	Width	Up to 2"
Fixture:	Construction	Stainless steel
	Temperature	-240 to 600°F (-152 to 318°C)
	Mounting	2"-12 threaded couplings
	Capacity	100,000 lbs
	Weight	
	Dimensions	
	Standard	Manufactured in accordance with ASTM D2290

Model No. ASTM.D2290.52 - High Strength Split Disk Fixture For Plastic Materials (4"-18" Diameter)

The fixture will accept loading dee sets from 8" and up with a load capacity of 100,000 pounds. The fixture will be supplied with two 2"-12 threaded couplings. Loading dees sold separately. Constructed from high strength stainless steel in accordance with ASTM D2290.

MODEL NO. ASTM.D2290.52

ASTM, PLASTIC, COMPOSITE, TENSION, TENSILE,

ACCESSORIES

Model No. ACC.D2290.5208 - Additional Set of Stainless Loading Dees, 8" ID
Model No. ACC.D2290.5210 - Additional Set of Stainless Loading Dees, 10" ID
Model No. ACC.D2290.5212 - Additional Set of Stainless Loading Dees, 12" ID
Model No. ACC.D2290.5214 - Additional Set of Stainless Loading Dees, 14" ID
Model No. ACC.D2290.5216 - Additional Set of Stainless Loading Dees, 16" ID
Model No. ACC.D2290.5218 - Additional Set of Stainless Loading Dees, 18" ID

SPARE PARTS

Call for replacement or spare parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

SCOPE: <http://www.astm.org/Standards/D2290.htm>

ASTMD2290-12

Standard Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe

1.1 This test method covers the determination of the comparative apparent tensile strength of most plastic products utilizing a split disk or ring segment test fixture, when tested under defined conditions of pretreatment, temperature, humidity, and test machine speed. This test method is applicable to reinforced-thermosetting resin pipe regardless of fabrication method. This test method also is applicable to extruded and molded thermoplastic pipe.

Procedure A is used for reinforced-thermosetting resin pipe; Procedure B is used for thermoplastic pipe of any size; Procedure C is used for thermoplastic pipe with nominal diameter of 4.5 in. (110 mm) and greater. Procedure D is used for polyethylene pipe with a nominal diameter of 14 in. (350 mm) and greater and preferably having wall thickness 1 in. (25 mm) and greater.

1.2 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

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.

Extracted, with permission, from ASTM D2290 Standard Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe, 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.

Material Testing Technology

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