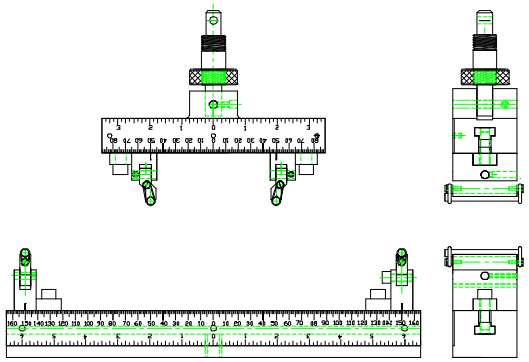
3 & 4 POINT FLEXURE FIXTURE FOR FLAT GLASS OR ROD SPECIMENS (STAINLESS STEEL)

Under Construction - Photo Coming Soon!



Specimen:	Width	Up to 2”
	Length	Up to 12”
Fixture:	Support Spans	Any span from 1.5” to 12” adjustable
	Supports	6mm diameter rollers
	Construction	Stainless steel
	Temperature	-240 to 600° (-152 to 318°C)
	Mounting	12mm male clevis top, 1/2”-20 coupling bottom
	Capacity	1,000 lbs (4.4 kN)
	Weight	20 lbs approximately
	Dimensions	Assembled - 13” x 2.0” x 8”
	Standard	Manufactured in accordance with ASTM C158

Model No. ASTM.C0158.10 - 12” Long 3 & 4 Point Fully Articulated Flex Fixture for Specimens up to 2” Wide
The 4 point loading head is adjustable from 1" to 6" and the lower span is adjustable from 1.5" to 12". The rolling and pivoting specimen loading pins are 6mm diameter and 2" wide. Capacity: 1,000 lbs (4.4 kN) and temperature range is -240 to 600° (-152 to 318°C).

Specimen supports: Each support is adjustable along a T- slotted base and can be set to the desired span as indicated by the center finding scale located on the front of the base. Each support incorporates a free rolling loading pin of 6mm diameter. The loading pin on each support is free to pivot as mush as 7° in either direction to provide complete seating and maximum specimen contact to the test specimen.
Lower Support Base: The base is 2" wide with a T-slot running the length of the base. The lower span is continuously adjustable from 1.5" to 12". The span of the support is measured along a center finding scale located on the front surface of the support base. The base may be used on a compression platen or mounted with the 1/2"-20 threaded hole located at the loading axis of the fixture.
3 & 4 Point Loading Head: The head is 2" wide with a T-slot running the length of the base. The loading head is 7” long and is 2” wide. The upper span is continuously adjustable from 1" to 6”. The span of the load anvils is measured along a center finding scale located on the the front surface of the loading head. The 3 & 4 point loading head is pivoted and may be allowed to float freely or can be locked rigid with a locking nut. The 3 & 4 point loading head is supplied with 12mm male clevis type adapter (Type “O”), which accommodates a 6mm diameter dowel pin. (Dowel pin not included.)

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MODEL NO. ASTM.C0158.10
FLEXURAL, RUPTURE, BEND, ASTM, GLASS, 3

ACCESSORIES

ACC.C0158.1001 - Concave cylindrical supports for up to 1/2” diameter rods

Lower 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

SPARE PARTS

Please contact us for spare or replacement parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

http://www.astm.org/Standards/C158.htm
ASTM C158-02(2012)
Standard Test Methods for Strength of Glass by Flexure (Determination of Modulus of Rupture)
1.1 These test methods cover the determination of the modulus of rupture in bending of glass and glass-ceramics.
1.2 These test methods are applicable to annealed and prestressed glasses and glass-ceramics available in varied forms. Alternative test methods are described; the test method used shall be determined by the purpose of the test and geometric characteristics of specimens representative of the material.
1.2.1 Test Method A is a test for modulus of rupture of flat glass.
1.2.2 Test Method B is a comparative test for modulus of rupture of glass and glass-ceramics.
1.3 The test methods appear in the following order: (Sections) Test Method A Test (6 to 9), Method B (10 to 15)
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. Specific hazard statements are given in Section 10 and A1.5, A2.3.3, A2.4.3 and A2.5.3.