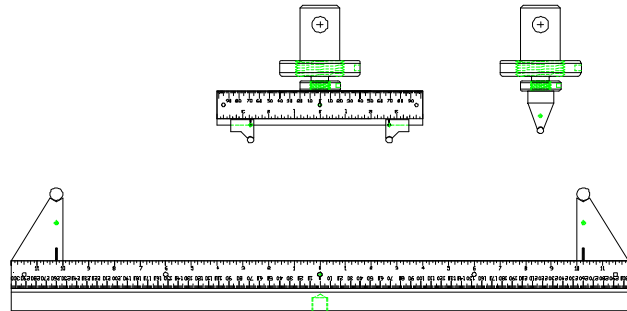
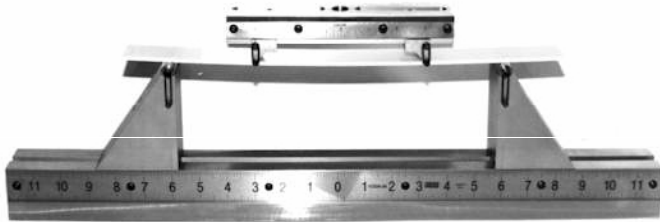


24" FOUR POINT FLEXURE FIXTURE FOR FEATHERED WOODEN JOINTS (SS)



Specimen:	Width	Up to 2"
	Thickness	Up to 2"
	Length	Up to 24"
Fixture:	Construction	Stainless steel
	Temperature	-240 to 600°F (-152 to 318°C)
	Mounting	5/8"-18 threaded coupling
	Capacity	8,000 lbs
	Weight	40 lbs approximately
	Dimensions	Assembled - 24" x 3" x 12" approximately
	Standard	Manufactured in accordance with ASTM D790 & D5572

Model No. ASTM.D5572.10 - Three & Four Point Flexure Fixture

Specimen support spans from 1/2" to 24". Loading rollers will accommodate specimens up to 2.0" wide. Constructed from stainless steel in accordance with ASTM D5572.

Support Base - 24" long by 2" wide with a T-slot running the length of the base. The upper and lower surfaces are ground flat and parallel. The support block separation is measured along a center finding scale located on the front surface of the support base. Includes 5/8" -18 threaded coupling.

Specimen Supports - 2" wide by 4" tall with alignment rails which fit in the T-slotted support base. The supports are supplied with 0.500"Ø loading pins which are held in alignment grooves with O-rings. The center position of the loading pin is indicated by a scribe line which runs down the side of the support to the center finding scale. The supports are free to slide anywhere along the support base and may be reversed for short and long spans.

8" Four Point Loading Head - 2" wide by 8" long with two adjustable loading pin supports. The 8" long loading rail allows the pin supports to be adjusted to any loading span from 1/2" to 8". The pin supports are channeled to ensure proper alignment to the loading rail. The pin supports are supplied with 0.250"Ø pins which are held in alignment grooves with O-rings. The center position of the loading pins is scribed in the pin support which runs along a center finding scale on the loading rail. Includes 5/8" -18 threaded coupling.

Three Point Loading Head - 2" wide loading roller is on a fixed loading support that attaches to the upper cross head. The three point loading head is supplied with a 5/8" -18 threaded coupling.

MODEL NO. ASTM.D5572.10

ASTM, FLEXURE, FINGER, JOINTS,

ACCESSORIES

Upper and lower fixture attachment is supplied with 5/8"-18 female coupling (Common adapter sizes include:

Model No. M01S27 - 1/2" Male Clevis (Type B) to 5/8" -18 Threaded Stud
Model No. M02S27 - 5/8" Male Clevis (Type C) to 5/8" -18 Threaded Stud
Model No. M03S27 - 1.25" Male Clevis (Type D) to 5/8" -18 Threaded Stud
Model No. M12S27 - 12mm Male Clevis to 5/8" -18 Threaded Stud Adapter
Model No. S36S27 - 1" -14 to 5/8" -18 Threaded Step Stud
Model No. LN27 - 5/8" -18 Threaded Locking Nut with Knurled OD

SPARE PARTS

ACC.D5572.1001 - Extra 1/2" Diameter Roller Sets of (4)
ACC.D5572.1002 - Extra 3/8" Diameter Roller Sets of (4)
ACC.D5572.1003 - Extra 1/4" Diameter Roller Sets of (4)

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/D5572.htm>

ASTM D5572-95(2012)

Standard Specification for Adhesives Used for Finger Joints in Nonstructural Lumber Products

1.1 This specification establishes performance levels for adhesives to be used in finger joints in nonstructural bonded-lumber products. Such products include, but are not limited to, interior and exterior mouldings, window and door components or parts, and bonded-lumber panels. Adhesives that meet the requirements of the various performance classes are considered capable of providing an adequate bond for use under the conditions described for the class. This specification is to be used to evaluate adhesives as well as the adhesive bonds in the finger joints. See Section 5, Significance and Use, for limitations when using this specification to evaluate industrially manufactured finger joints.

Note 1—This specification supersedes the finger-joint portion of the 1990 edition of Specification D3110.

1.2 The following index is provided as a guide to the test methods in this specification: (Section)

Apparatus (6) Equipment, Material, and Preparation of Assemblies and Specimens (7) Conditioning for Factory-Manufactured Assemblies, Laboratory-Made Assemblies, and Test Specimens (8) Testing in Flexure (9)

Testing in Tension(10) Exposure Conditions and Treatments(11) 1. Dry Use Tests: Dry, 3-cycle Soak, Elevated Temperature, and Temperature-Humidity (11.1) 2. Wet Use Tests: Dry, Boil, Elevated Temperature, and Vacuum-Pressure (11.2)

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