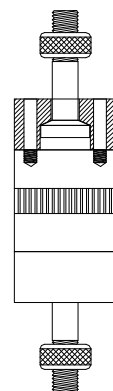


## **FLATWISE TENSION FIXTURE (SS) WITH 5 SETS OF 2" DIAMETER (AL) BONDING BLOCKS- SPHERICAL SEAT TYPE**



Specimen:	Diameter	2"
	Thickness	Up to .25"
Fixture:	Construction	Stainless steel with aluminum bonding blocks
	Temperature	-240 to 600° (-152 to 318°C)
	Mounting	1/2"-20 threaded stud
	Capacity	2,000 lbs (8.9 kN)
	Weight	5 lbs approximately
	Dimensions	Assembled 2" x 2" x 5"
	Bonding	Supplied with 5 sets of aluminum bonding blocks
	Standard	Manufactured in accordance with ASTM C297

Model No. ASTM.C0297.12 - Flatwise Tension Fixture with 5 Sets of 2" Diameter Bonding Blocks. Constructed from stainless steel except for the five sets of bonding blocks, which are constructed from aluminum with a protective black anodized finish. Supplied with 5 sets of aluminum bonding blocks. Spherical seat type fixture is constructed in accordance with ASTM C297.

## **MODEL NO. ASTM.C0297.12**

### **ASTM, FLATWISE, TENSION, TENSILE, ADHESIVE**

#### **ACCESSORIES**

ACC.C0297.1201 - Set of (2) 2" round aluminum bonding blocks

ACC.C0297.1202 - Set of (2) 2" round high strength steel w/ black oxide bonding blocks

ACC.C0297.1203 - Set of (2) 2" round stainless steel bonding blocks

#### **Upper and lower fixture attachment is supplied with 1/2" -20 male studs (Common adapter sizes include:)**

Model No. M01C21 - 1/2" Male Clevis (Type B) to 1/2" -20 Threaded Coupling

Model No. M02C21 - 5/8" Male Clevis (Type C) to 1/2" -20 Threaded Coupling

Model No. M03C21 - 1.25" Male Clevis (Type D) to 1/2" -20 Threaded Coupling

Model No. M12C21 - 12mm Male Clevis (Type O) to 1/2" -20 Threaded Coupling

Model No. C36C21 - 1" -14 to 1/2" -20 Threaded Coupling

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/C297.htm>

ASTM C297/C297M-15

Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions

1.1 This test method determines the flatwise tensile strength of the core, the core-to-facing bond, or the facing of an assembled sandwich panel. Permissible core material forms include those with continuous bonding surfaces (such as balsa wood and foams) as well as those with discontinuous bonding surfaces (such as honeycomb).

1.2 The values stated in either SI units or inch-pound units are to be regarded separately as standard. The values stated in each system are not exact equivalents; therefore, each system must be used independently of the other. Combining values from the two systems may result in nonconformance with the standard.

1.2.1 Within the text the inch-pound units are shown in brackets.

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 C297 Standard Test Methods for Small Clear Specimens of Timber, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. A copy of the complete standard may be purchased from ASTM International, [www.astm.org](http://www.astm.org).