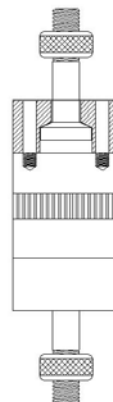


## FLATWISE TENSION FIXTURE WITH 5 SETS OF 1" ROUND BONDING BLOCKS



Specimen	Diameter	1"
	Thickness	Up to 1/4"
	Length	Up to 1"
Fixture	Construction	Stainless steel with aluminum bonding blocks
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	1/2"-20 threaded couplings
	Capacity	2,000 lbs (9 kN)
	Weight	5 lbs approximately
	Dimensions	Assembled 2" diameter x 5.5"
	Standard	Manufactured in accordance with ASTM D1623

Model No. ASTM.D1623.22 - Flatwise Tension Fixture with Five Sets of 1" Round Bonding Blocks.

The five sets of round 1" bonding blocks are constructed from aluminum with a protective black anodized coating and have one machined bonding surface. Fixture is supplied with (2) 1/2"-20 threaded couplings and has a 2,000lbs capacity. Fixture constructed from stainless steel in accordance with ASTM D1623.

## **MODEL NO. ASTM.D1623.22**

### **ASTM, PLASTIC, TENSILE, TENSION, ADHESION,**

#### **ACCESSORIES**

Model No. ACC.D1623.2201- Extra Set of (2) 1" Round Bonding Blocks (CS)  
Model No. ACC.D1623.2202- Extra Set of (2) 1" Round Bonding Blocks (SS)  
Model No. ACC.D1623.2203- Extra Set of (2) 2" Round Bonding Blocks (AL)  
Model No. ACC.D1623.2204- Extra Set of (2) 2" Round Bonding Blocks (CS)  
Model No. ACC.D1623.2205- Extra Set of (2) 2" Round Bonding Blocks (SS)

#### **Upper & lower fixture attachment is supplied with 1/2"-20 male stud (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. S36C21 - 1" -14 Stud to 1/2" -20 Threaded Coupling  
Model No. LN21 - 1/2" -20 Threaded Locking Nut with Knurled OD

#### **SPARE PARTS**

Model No. SPA.D1623.2201- Extra Set of (2) 1" Round Bonding Blocks (AL)

#### **REFERENCE DOCUMENT AND TEST METHOD SCOPE:**

<http://www.astm.org/Standards/D1623.htm>

ASTM D1623-09

Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics

1.1 This test method covers the determination of the tensile and tensile adhesion properties of rigid cellular materials in the form of test specimens of standard shape under defined conditions of temperature, humidity, and testing machine speed.

1.2 Tensile properties shall be measured using any of three types of specimens

1.2.1 Type A shall be the preferred specimen in those cases where enough sample material exists to form the necessary specimen.

1.2.2 Type B shall be the preferred specimen when only smaller specimens are available, as in sandwich panels, etc.

1.2.3 Type C shall be the preferred specimen for the determination of tensile adhesive properties of a cellular plastic to a substrate as in a sandwich panel or the bonding strength of a cellular plastic to a single substrate.

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

Note 1-There is no known ISO equivalent to this test method.

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