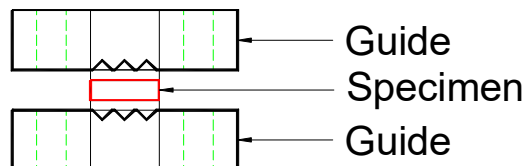


## COMPRESSION ANTI-BUCKLING FIXTURE



Specimen:	Width	0.75" to 0.500" $\pm 0.005$ " reduced gage section
	Thickness	0.030" to 0.125"
	Length	3.130" $\pm 0.005$ "
Fixture:	Construction	Stainless steel
	Temperature	-240 to 600°F (-152 to 318°C)
	Mounting	Platen to platen (platens not included)
	Capacity	20,000 lbs (90 kN)
	Weight	1 lb approximately
	Dimensions	Assembled - 1" x 2" x 4"
	Standard	Manufactured in accordance with ASTM D695 and ASTM D3846

Model No. ASTM.D3846.10 - Compression Anti-Buckling fixture for plastic and composite.

The fixture includes two precision ground anti-buckling side plates, four clamping bolts and nuts. Assembled: 1x2x4  
Weighs: 1 lb Approx. Capacity: 20,000 lbs Constructed of high strength stainless steel in accordance with ASTM D695 and D3846.

# **MODEL NO. ASTM.D3846.10**

## **ASTM, COMPRESSION, IN-PLANE, SHEAR,**

### **ACCESSORIES**

Model No. BOEI.07260.31- Modified D695 test fixture

**Upper and lower fixture attachment uses platen to platen. (Common adapter sizes include:)**

Model No. PLAT.RF061.10 - 6" Diameter Round Fixed Compression Platen

Model No. PLAT.RA061.10 - 6" Diameter Round Articulating Compression Platen

Model No. PLAT.SF061.10 - 6" Square Fixed Compression Platen

Model No. PLAT.SA061.10 - 6" Square Articulating Compression Platen

Model No. M03S36 - 1.25" Male Clevis (Type D) to 1" -14 Threaded Stud

### **SPARE PARTS**

Contact us for spare or replacement parts

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

<http://www.astm.org/Standards/D3846.htm>

ASTM D3846 - 08(2015)

Standard Test Method for In-Plane Shear Strength of Reinforced Plastics

1.1 This test method covers the determination of the in-plane shear strength of reinforced thermosetting plastics in flat sheet form in thicknesses ranging from 2.54 to 6.60 mm (0.100 to 0.260 in.). This protocol is not for reinforced pultruded thermoset products, which may use Test Method D2344/D2344M.

1.2 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

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.

Note 1: There is no known ISO equivalent to this standard.

Extracted, with permission, from ASTM D3846 Standard Test Method for In-Plane Shear Strength of Reinforced Plastics, 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](http://www.astm.org).