MODEL NO. ASTM.D6671.1X



Material Type: COMPOSITE, ADHESIVE

Type of Testing: TENSILE

# MIXED MODE BENDING FIXTURE WITH FIVE **SETS OF HINGES**

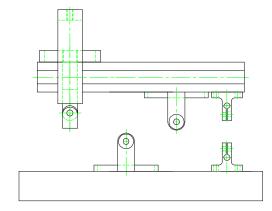


Model	No.	
ASTM.	D667	1.10

Specimen Size or Difference Between Fixtures 1.5" wide, up to 1/4" thick and up to 9" long

ASTM.D6671.11

1.5" wide, up to 1/4" thick and up to 9" long



Construction Stainless steel and aluminum

Stainless steel

Temperature -120 to 250°F (-85 to 122°C)

-240 to 600°F (-152 to 318°C)

Fixture:

Capacity Weight Dimensions Standard

Mounting

Top: 1/4"-28 coupling Bottom: platen (platen not included) 1,000 lbs (4.4 kN) Approximately 16 lbs 10" x 2.5" x 8" Manufactured in compliance with ASTM D6671

## QUOTE

Model No. ASTM.D6671.10 - Interlaminar Fracture Toughness Fixture

Includes base, lever, roller, roller holder, 5 sets of (2) hinges, saddle, loading yoke and ball bearing. Accommodates specimens up to 1.5" in width, thicknesses up to 1/4", and lengths up to 9". Fixture measures approximately 10" x 2.5" x 8". LVDT not supplied with fixture. Temp range: -20°F to 120°F (-29 to 49°C). Supplied with 1/4"-28 threaded coupling for top mounting. Bottom mounting uses a platen (not inluded). Fixture is manufactured of stainless steel and aluminum in compliance with ASTM D6671.

#### Model No. ASTM.D6671.11 - Mixed Mode Bending Fixture with Five Sets of Hinges

Includes base, lever, roller and roller holder, 5 sets of (2) hinges, saddle, loading yoke and ball bearing. The loading yoke mounts with a 1/4"-28 threaded mounting coupling. Accommodates specimens up to 1.5" in width, thicknesses up to 1/4", and lengths up to 9". Fixture measures approximately 10" x 2.5" x 8". LVDT not supplied with fixture. Temp range: -240 to 600°F (-152 to 318°C) Capacity: 1,000 lbs at ambient temperatures. Supplied with 1/4"-28 threaded coupling for top mounting. Bottom mounting uses a platen (not included). Fixture is manufactured of stainless steel in compliance with ASTM D6671.

**ACCESSORIES** 

No accessories available at this time

### SPARE PARTS

Model No. ASTM.D6671.20 - 5 Sets of (2) Stainless Steel Piano Hinges

### **COMMON SIZE ADAPTERS**

#### Upper Mounting: 1/4"-28 Female Coupling

Model No. M03S10 - 1.25" Male Clevis to 1/4"-28 Threaded Stud Model No. S42S10 - 1.25"-12 to 1/4"-28 Threaded Step Stud Model No. S48S10 - 1.5"-12 to 1/4"-28 Threaded Step Stud Model No. S60S10 - 2"-12 to 1/4"-28 Threaded Step Stud Model No. LN10 - 1/4"-28 Threaded Locking Nut with Knurled OD

#### Lower Mounting: Platens

Model No. PLAT.RF061.10 - 6" Diameter Fixed Compression Platen Model No. PLAT.RA061.10 - 6" Diameter Articulating Compression Platen Model No. PLAT.SF061.10 - 6" Square Fixed Compression Platen Model No. PLAT.SA061.10 - 6" Square Articulating Compression Platen