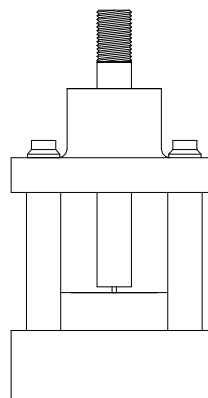


Standards:
ASTM F394 - 96 (
WITHDRAWN)
ISO 6872 - 15

Material Type:
GLASS, CERAMIC

Type of Testing:
COMPRESSION

BIAXIAL FLEXURAL STRENGTH OF CERAMICS TEST FIXTURE



Model No.
ASTM.F0394.10
ISOS.06872.30

Specimen Size or Difference Between Fixtures
1.25" diameter
12mm diameter and 1.2mm thick

Construction
High strength steel with finish
High strength steel with finish

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

Fixture:	Mounting	Top: 12mm male clevis
	Capacity	Bottom: 1/2"-20 threaded coupling
	Weight	1,000 lbs (4.4 kN)
	Dimensions	Approximately 10 lbs
	Standard	3" diameter x 12"
		Manufactured in compliance with ASTM F394 and ISO 6872

QUOTE

Model No. ASTM.F0394.10 - Biaxial Flexureal Strength of Ceramics Test Fixture

Ceramic Monotonic Equibiaxial Flexure loading specimen supports for 1.25" (31.75mm) diameter specimens. The fixture includes 0.125" (3.18mm) diameter loading balls that are fixed in a support plate that is 1" (25.4mm) diameter. The sub-press consists of a circular base, three support columns, two linear bearings, a 1/2" diameter loading rod. The loading head consists of a 0.063" (1.6mm) diameter hardened and ground dowel pin. 12mm male clevis is supplied for upper mounting and 1/2"-20 threaded coupling is supplied for the lower mounting. The fixture is constructed from high strength steel with a protective black oxide finish. Manufactured in compliance with ASTM F394.

Model No. ISOS.06872.30 - Biaxial Flexureal Strength of Ceramics Test Fixture

Ceramic Monotonic Equibiaxial Flexure loading specimen supports for 12mm diameter and 1.2mm thick specimens. The fixture includes 4.5mm diameter loading balls that are fixed in a support plate that is 11mm diameter. The sub-press consists of a circular base, three support columns, two linear bearings, a 1/2" diameter loading rod. The loading head consists of a 1.4mm diameter hardened and ground dowel pin. 12mm male clevis is supplied for upper mounting and 1/2"-20 threaded coupling is supplied for the lower mounting. The fixture is constructed from high strength steel with a protective black oxide finish. Manufactured in compliance with ISO 6872.

ACCESSORIES

No accessories available at this time

SPARE PARTS

Model No. SPA.F0394.1001 - Extra 12mm Male Clevis Adapter

Model No. SPA.F0394.1002 - Extra Shaft with 1.6mm Diameter Dowel Pin

Model No. SPA.F0394.1003 - 1" Round Support Plate with (3) 0.125" Diameter Loading Balls

Model No. SPA.06872.1001 - Extra 12mm Male Clevis Adapter

Model No. SPA.06872.1002 - Extra Shaft with 1.4mm Diameter Dowel Pin

Model No. SPA.06872.1003 - 11mm Dia. Plate with (3) 4.5mm Diameter Loading Balls

COMMON SIZE ADAPTERS

Upper Mounting: 12mm Male Clevis

Model No. M12M01 - 12mm Male Clevis to 1/2" Male Clevis

Model No. M12M02 - 12mm Male Clevis to 5/8" Male Clevis

Model No. M12M03 - 12mm Male Clevis to 1.25" Male Clevis

Model No. M12S48 - 12mm Male Clevis to 1.5"-12 Threaded Stud

Model No. M12S42 - 12mm Male Clevis to 1.25"-12 Threaded Stud

Model No. M12S36 - 12mm Male Clevis to 1"-14 Threaded Stud

Lower Mounting: 1/2"-20 Threaded Coupling

Model No. M01S21 - 1/2" Male Clevis to 1/2"-20 Threaded Stud

Model No. M02S21 - 5/8" Male Clevis to 1/2"-20 Threaded Stud

Model No. M03S21 - 1.25" Male Clevis to 1/2"-20 Threaded Stud

Model No. M12S21 - 12mm Male Clevis to 1/2"-20 Threaded Stud

Model No. S36S21 - 1"-14 to 1/2"-20 Threaded Step Stud

Model No. LN21 - 1/2"-20 Threaded Locking Nut with Knurled OD

EXTRA PHOTOS:

