

Standards:

ASTM C393 - 20
ASTM C481 - 99
ASTM C880 - 98
ASTM C947 - 03
ASTM D5467 - 10
ASTM D7249 - 20
ASTM D7250 - 20
ASTM D7956 - 16

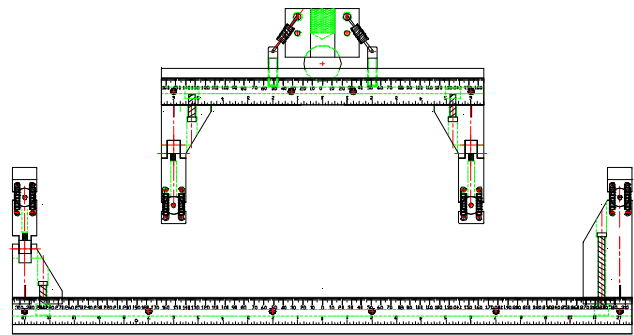
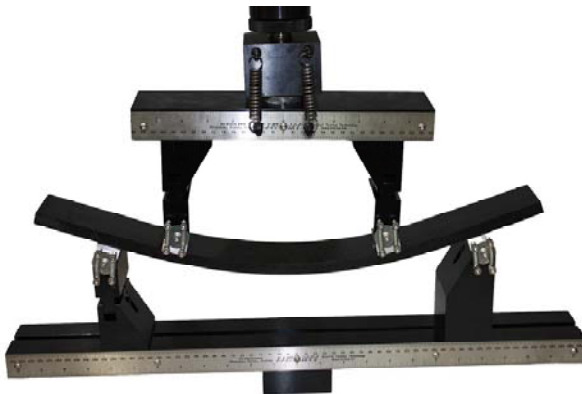
Material Type:

SANDWICH, COMPOSITE, STONE

Type of Testing:

FLEXURE, BEND, COMPRESSION

24" SPAN SANDWICH BEAM FLEXURE / SHEAR FIXTURE Up to 4" WIDE



Model No.

ASTM.C0393.14
ASTM.C0481.60
ASTM.C0880.10
ASTM.C0947.10
ASTM.D5467.10
ASTM.D7249.10
ASTM.D7250.10
ASTM.D7956.40
ASTM.D8285.10
ASTM.D8388.10
MILS.00401.60
BOEI.00423.12
BOEI.07237.10

Specimen Size or Difference Between Fixtures

Up to 4" wide and 4"-32 long
Up to 4" wide and 4"-32 long
Up to 4" wide and 4"-32 long
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Up to 4" wide and 4"-32 long
Up to 4" wide and 4"-32 long
Up to 4" wide and 4"-32 long

Construction

High strength steel with finish
High strength steel with finish
High strength steel with finish
High strength steel with finish
High strength steel with finish
High strength steel with finish
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High strength steel with finish
High strength steel with finish

Temperature

-120 to 250°F (-85 to 122°C)
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Fixture:	Mounting	1"-14 threaded couplings
	Capacity	20,000 lbs (88.9 kN)
	Weight	114 lbs approximately
	Dimensions	Assembled - 31" x 4" x 15.3" (plus specimen thickness)
	Standard	Manufactured in compliance with ASTM C393, C481, C880, C947, D5467, D7249, D7250, D7956, D8285, D8388, BMS 4-23, BSS-7237 and MIL-STD-401B

QUOTE

Model No. ASTM.C0393.14 - 30" Span Sandwich Beam Flexure/Shear Fixture Up to 4" Wide

Specimen support spans from 6" to 24". Adjustable four point loading head with loading spans from 2" to 12". Loading roller points will accommodate specimens up to 4" wide. The fixture is constructed from high strength steel with a protective black oxide finish. Manufactured in compliance with ASTM C393, C481, C880, C947, D5467, D7249, D7250, D7956, D8285, D8388, BMS 4-23, BSS-7237 and MIL-STD-401B

Support Base - 31" long by 4" wide with (2) T-slots running the length of the base. The upper and lower surfaces are ground flat and parallel. The support block separation is measured along a center finding scale located on the the front surface of the support base. The base is used on a platen (not included) or with the 1"-14 threaded coupling.

Specimen Supports - 4" wide by 4" tall with alignment rails which fit in the T-slotted support base. The supports are supplied with 1" diameter support pins and pads, which are held in alignment grooves with springs. The center position of the loading pin is indicated by a scribe line which runs down the side of the support to the center finding scale. The supports are free to slide anywhere along the support base and may be reversed for short and long spans.

Three and Four Point Loading Head - 4" wide by 13" long with two adjustable loading pin supports. The 13" long loading rail allows the loading anvils to be adjusted to any loading span from 2" to 12". The anvils are channeled to ensure proper alignment to the loading rail. The anvils are supplied with 1" diameter loading pins and pads held in alignment with springs. The center position of the loading pins are scribed on the anvils, which run along a center finding scale on the loading rail. The 3 and 4 point loading head articulates on a ball socket. Supplied with 1"-14 loading coupling.

ACCESSORIES

Model No. MODI.C0393.1401 - Modify Fixture to Handle 40,000lbs Capacity with Support Plate
The Support Base will only be able to be used on a platen or on the base of your testing machine.

SPARE PARTS

Model No. SPA.C0393.1401 - Set of (4) 1" Diameter Rollers

Model No. SPA.C0393.1402 - Set of (4) Loading Pads

Model No. SPA.C0393.1403 - Set of (4) Springs for Upper Articulating Loading Block

Model No. SPA.C0393.1404 - Set of (8) Screws for Springs on Upper Articulating Loading Block

Model No. SPA.C0393.1405 - Set of (4) Springs for Any (1) Support

Model No. SPA.C0393.1406 - Set of (8) Screws for Springs on Any (1) Support

COMMON SIZE ADAPTERS

Upper and Lower Mounting: 1"-14 Threaded Coupling

Model No. M01S36 - 1/2" Male Clevis to 1"-14 Threaded Stud

Model No. M02S36 - 5/8" Male Clevis to 1"-14 Threaded Stud

Model No. M03S36 - 1.25" Male Clevis to 1"-14 Threaded Stud

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

Model No. LN36 - 1"-14 Threaded Locking Nut with Knurled OD