

Standards:

ASTM D2344 - 16
ASTM D7905 - 19
ASTM D8058 - 23
EN 2563
ISO 14125
ISO 14130

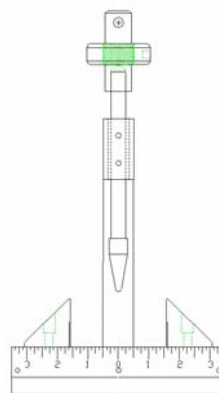
Material Type:

COMPOSITES, PLASTICS

Type of Testing:

FLEXURE, COMPRESSION, 3 POINT

SHORT BEAM SHEAR AND THREE POINT FLEXURE FIXTURE



Model No.

ASTM.D2344.10
ISOS.14125.10
ISOS.14130.10
ENST.02563.10

Specimen Size or Difference Between Fixtures

1/16" R supports and 1/8" R nose
2mm R supports and 5mm R nose
2mm R supports and 5mm R nose
3mm R supports and nose

Construction

Stainless steel
Stainless steel
Stainless steel
Stainless steel

Temperature

-240 to 600°F (-152 to 318°C)
-240 to 600°F (-152 to 318°C)
-240 to 600°F (-152 to 318°C)
-240 to 600°F (-152 to 318°C)

ASTM.D7905.10

1/4" R supports and 3/8" R nose

Stainless steel

-240 to 600°F (-152 to 318°C)

ASTM.D8058.10

1/4" R supports and nose

Stainless steel

-240 to 600°F (-152 to 318°C)

Specimen: Width Up to 1.5"
Thickness Up to 2"
Span 6" span

Fixture: Mounting Top: 12mm male clevis
Bottom: 1/2"-20 threaded coupling
Capacity 2,000 lbs (8.8kN)
Weight 15 lbs
Dimensions Assembled - 2.3" x 7" x 11.4"
Standard Manufactured in compliance with ASTM D2344, D7905, D8058, EN 2563, ISO 14125 and ISO 14130

QUOTE

Model No. ASTM.D2344.10 - Short Beam Shear and Three Point Flexure Fixture

The fixture comes with a three point quick snap on/off loading head. Specimen supports are free-moving slides. Three point loading head is supplied with a fixed **x.xx" (xxmm)** radius loading nose. Loading head is guided by an alignment slot and double high temperature linear bearings and comes with a 12mm male clevis adapter for mounting purposes. Fixture can handle a temperature range of -240 to 600°F (-152 to 318°C) and is manufactured from stainless steel in compliance with ASTM D2344, D7905, D8058, ISO 14125 and ISO 14130.

Specimen Supports - 1.5" wide by 1.5" tall with alignment rails which fit in the T-slotted support base and have a span of any size from 0.125" to 6". The fixture is supplied with **x.xx" (xxmm)** radius supports. The center position of the support diameter 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. The supports have a specimen center tab for accurate specimen alignment.

Support Base - 7" long by 1.5" wide with a T-slot running the length of the base. The upper and lower surfaces are ground flat and parallel. The support block separation measured along a center finding scale located on the the front surface of the support base. Includes 1/2"-20 threaded coupling for mounting purposes.

ACCESSORIES

Model No. ACC.D2344.1003 - Extra Loading Nose - 3mm R

Model No. ACC.D2344.1004 - Extra Set of (2) Supports - 1.5mm R

Model No. MODI.D2344.1001 - Modify fixture with Lead Screw and Supports

Model No. ACC.D2344.1015 - Set of (2) Flat Supports for Curved Specimen

Model No. ACC.D2344.1020 - 4 Point Loading Head with (1/8" Radius) 1/4" Diameter

SPARE PARTS

Model No. SPA.D2344.1001 - Replacement Bearings

Model No. SPA.D2344.1002 - Replacement Shaft

Model No. SPA.D2344.1003 - Replacement Set of (2) 0.0625" R Supports

Model No. SPA.D2344.1004 - Replacement 12mm Male Clevis with Set Screw

Model No. SPA.D2344.1005 - Replacement 0.125" R Loading Nose

Model No. SPA.D2344.1010 - Replacement of Bottom Rail Only

Model No. SPA.D2344.1011 - Replacement of Guide Rail Only

Model No. SPA.D2344.1040 - Extra Set of (2) Alignment Tabs for Specimen Supports

Model No. SPA.02563.1001 - Extra Loading Nose - 3mm R

Model No. SPA.02563.1002 - Extra Set of (2) Supports - 3mm R

Model No. SPA.D7905.1001 - Extra Loading Nose - 3/8" R

Model No. SPA.D7905.1002 - Extra Set of (2) Supports - 1/4" R

Model No. SPA.D8058.1001 - Extra Loading Nose - 1/4" R

Model No. SPA.D8058.1002 - Extra Set of (2) Supports - 1/4" R

Model No. SPA.14130.1001 - Extra Loading Nose - 5mm R

Model No. SPA.14130.1002 - Extra Set of (2) Supports - 2mm R

COMMON SIZE ADAPTERS

Upper and Lower Mounting: 1/2"-20 Female 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:

