

Standards:

ASTM D7617 - 17

ASTM D7957 - 17

ACI 440.3R-04

Material Type:

COMPOSITES

Type of Testing:

TRANSVERSE, SHEAR, COMPRESSION

TRANSVERSE SHEAR STRENGTH TEST FIXTURE FOR COMPOSITES

**Model No.**

ASTM.D7617.10

ASTM.D7957.20

ACIS.0440.10

Specimen Size or Difference Between Fixtures

See accessories below

See accessories below

See accessories below

Construction

Stainless steel

Stainless steel

Stainless steel

Temperature

-120 to 250°F (-85 to 122°C)

-120 to 250°F (-85 to 122°C)

-120 to 250°F (-85 to 122°C)

Fixture:

Mounting

Capacity

Standard

Platen to platen (platens not included)

50,000 lbs (222.41 kN)

Manufactured in compliance with ASTM D7617, D7957 and ACIS 440

QUOTE

Model No. ASTM.D7617.10 - Transverse Shear Strength Test Fixture for Composites

The test fixture consists of two bar seats, straps and two guides. The bar seats have a v-shaped bed for supporting the ends of the bar. Two holes on either side of the bar seats, in the lower blades and the two guides align together for all parts to be bolted as one piece. Upper and lower blades are sold separately for interchange diameters rod sizes. The fixture can handle 50,000 lbs capacity and is used platen to platen (platens not included). The fixture is constructed from stainless steel and manufactured in compliance with ASTM D7617, D7957 and ACIS 440.

ACCESSORIES

Model No. ACC.D7617.1003 - Set of (3) Blades for #3 Size Rebar

Blades have a 0.379" diameter slot for test specimen. Constructed from HT high strength steel.

Model No. ACC.D7617.1004 - Set of (3) Blades for Sizes #4 Diameter Rod

Blades have a 0.504" diameter slot for test specimen. Constructed from HT high strength steel.

Model No. ACC.D7617.1005 - Set of (3) Blades for Sizes #5 Diameter Rod

Blades have a 0.629" diameter slot for test specimen. Constructed from HT high strength steel.

Model No. ACC.D7617.1006 - Set of (3) Blades for Sizes #6 Diameter Rod

Blades have a 0.754" diameter slot for test specimen. Constructed from HT high strength steel.

Model No. ACC.D7617.1008 - Set of (3) Blades for Sizes #8 Diameter Rod

Blades have a 1.004" diameter slot for test specimen. Constructed from HT high strength steel.

Model No. ACC.0440.1003 - Set of (3) Blades for #3 Size Rebar

Model No. ACC.0440.1004 - Set of (3) Blades for #4 Size Rebar

Model No. ACC.0440.1005 - Set of (3) Blades for #5 Size Rebar

Model No. ACC.0440.1006 - Set of (3) Blades for #6 Size Rebar

Model No. ACC.0440.1008 - Set of (3) Blades for #8 Size Rebar

SPARE PARTS

Please contact us for spare or replacement parts

COMMON SIZE ADAPTERS

Lower and Upper 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