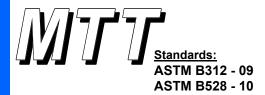
MODEL NO. ASTM.B0528.10



Material Type: METAL POWDER

<u>Type of Testing:</u> COMPRESSION, 3 POINT, TRANSVERSE, FLEXURE

# THREE POINT TRANSVERSE RUPTURE FLEXTURE FIXTURE FOR POWDER METALLURGY SPECIMENS



<u>Model No.</u> ASTM.B0312.10 ASTM.B0528.10 Specimen Size or Difference Between Fixtures 0.5" wide,1.25" length, up to 0.5" thick 0.5" wide,1.25" length, up to 0.5" thick

#### Construction

high strength steel with a finish high strength steel with a finish

#### <u>Temperature</u>

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

Fixture: Mounting Capacity Weight Dimensions Standard 1/2"-20 threaded coupling ends

Estimated 3 lbs  $_{4.5^{'} \times 1^{''} \times 3^{''}}$  Manufactured in compliance with ASTM B312 and B528

# QUOTE

Model No. ASTM.B0528.10 - Three Point Transverse Rupture Flexure Fixture for Powder Metallurgy Specimens The fixture accommodates a 1/2" wide by 1.25" long by up to 1/2" thick specimen. The fixture is attached to the test machine with 1/2"-20 threaded coupling ends supplied on both the upper and lower bases. Overall dimensions are approximately 4.5" x 1" x 3". Manufactured of high strength steel with a protective finish in compliance with ASTM B312, B528 and ISO 3325.

#### Lower Supports

The lower supports are hardened to 60+ HRc rollers that are 1/8" in diameter with a 1" loading surface. The lower rollers will be fixed parallel and centered spaced at 1". The rollers will be supported on an anvil that sits in a recess in the base plate.

### Three Point Loading Cylinder

The upper loading head is attached to the top plate, which is guided by twin bushings. The loading head includes a hardened to 60+ HRc rollers that are 1/8" in diameter with a 1" loading surface.

ACCESSORIES

No accessories needed for this fixture

## **SPARE PARTS**

Please contact us for spare or replacement parts

## **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