

**Material Type: COMPOSITES** 

Type of Testing: **TENSILE, SHEAR** 

# TWO RAIL SHEAR FIXTURE TENSILE MODE



Model No. ASTM.D4255.10 Specimen Size or Difference Between Fixtures 3" wide, 0.03" to 0.25" thick and 6" long

Construction Stainless steel **⊚** ⊙

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

Fixture:

Mounting Capacity Weight Dimensions 1"-14 threaded couplings 20,000 lbs (88 kN) 25 lbs approximately

Assembled 2" x 4" x 20"

Standard Manufactured in compliance with ASTM D4255

#### QUOTE

Model No. ASTM.D4255.10 - Two Rail Shear Fixture (Tensile Mode)

The fixture will accept 3" wide by 6" long specimens and includes two clamping rail set, two loading plates, two loading yokes and one specimen template. The loading yokes come with 1"-14 threaded couplings for mounting to your testing frame. The fixture has a temperature range of -240 to 600°F (-152 to 318°C) and can handle a capacity up to 20,000 lbs (88kN). Constructed of stainless steel and manufactured in compliance with ASTM D4255.

### **ACCESSORIES**

Model No. ACC.D4255.1001 - Specimen Alignment Jig Model No. ACC.D4255.1002 - Thermal Spray Specimen Side of Rails

#### **SPARE PARTS**

Model No. SPA.D4255.1001 - Extra Specimen Template

## **COMMON SIZE ADAPTERS**

## Upper and Lower Mounting: 1"-14 Female Coupling

Model No. M03S36 - 1.25" Male Clevis to 1"-14 Threaded Stud Model No. S42S36 - 1.25"-12 to 1"-14 Threaded Step Stud Model No. S48S36 - 1.5"-12 to 1"-14 Threaded Step Stud Model No. S60S36 - 2"-12 to 1"-14 Threaded Step Stud Model No. LN36 - 1"-14 Threaded Locking Nut with Knurled OD