

## COMPRESSION TEST FIXTURE FOR DOUBLE NOTCHED SPECIMENS



**Model No.**  
ASTM.C1425.10

**Specimen Size or Difference Between Fixtures**  
15mm wide by 30mm long

**Construction**  
Inconel 625

**Temperature**  
Up to 1000°

Fixture:	Mounting	1"-8 threaded couplings
	Capacity	20,000 lbs (88.96 kN)
	Weight	Estimated 5 lbs
	Dimensions	5.5" x 1.875" diameter
	Standard	Manufactured in compliance with ASTM C1425

## **QUOTE**

Model No. ASTM.C1425.10 - Compression Test Fixture for Double Notched Test Specimens at Elevated Temperatures

The fixture includes a lower piston with a 1"-8 threaded coupling end, a sleeve, an upper piston with 1"-8 threaded coupling end, 1 set of (2) semi-cylindrical spacers, and 1 flexible graphite sheets for use as a compliant interphase. The fixture accommodates specimens with dimensions of 30mm long by 15mm wide and 5mm thick. The size of the semi-cylindrical spacers will be determined by the thickness of the specimen. One set of semi-cylindrical spacers is needed for each different thickness of specimen being tested. Manufactured of high strength nickel based alloy (Inconel 625) for temperatures up to 1,000°C in compliance with ASTM C1425.

## **ACCESSORIES**

No accessories available for this fixture

## **SPARE PARTS**

Model No. SPA.C1425.1001 - Set of (2) 8" x 9.5" by 0.75mm thick Flexible Graphite sheets. Used as a compliant interphase for above fixture.

Model No. SPA.C1425.1002 - Set of (2) semi-cylindrical spacers for specimen thicknesses 1mm to 10mm in 1mm increments. Constructed of high strength nickel based alloy (Inconel 625) for temperatures up to 1,000°C in accordance with ASTM C1425. Please specify specimen thickness when ordering.

## **COMMON SIZE ADAPTERS**

### **Upper Mounting: 1"-8 Threaded Couplings**

Model No. M01S34 - 1/2" Male Clevis to 1"-8 Threaded Stud

Model No. M02S34 - 5/8" Male Clevis to 1"-8 Threaded Stud

Model No. M03S34 - 1.25" Male Clevis to 1"-8 Threaded Stud

Model No. M12S34 - 12mm Male Clevis to 1"-8 Threaded Stud

Model No. S36S34 - 1"-14 to 1"-8 Threaded Step Stud

Model No. LN34 - 1"-8 Threaded Locking Nut with Knurled OD