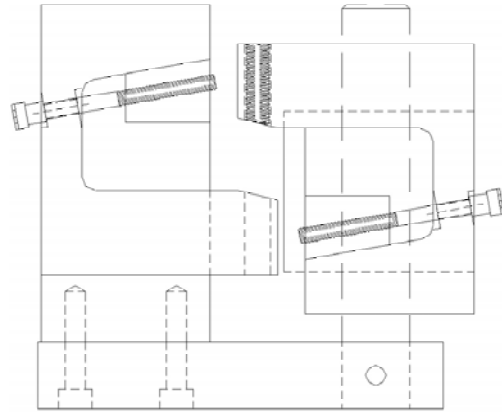


**Standards:**  
ASTM C1292 - 16  
ASTM D5379 - 12

**Material Type:**  
CERAMICS

**Type of Testing:**  
COMPRESSION , SHEAR

## V-NOTCHED BEAM (IOSIPESCU SHEAR) FIXTURE - ADJUSTABLE WEDGES STYLE



**Model No.**

ASTM.C1292.20  
ASTM.D5379.13

**Specimen Size or Difference Between Fixtures**

075" wide and 3" long  
075" wide and 3" long

**Construction**

Stainless steel  
Stainless steel

**Temperature**

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

Specimen:	Thickness	0.03" to 0.5"
	Notch	90 degree with 0.05" radius minimum
Fixture:	Mounting	Top: 1/2"-20 threaded stud Bottom: platen (platen not included)
	Capacity	10,000 lbs (44.4 kN)
	Weight	15 lbs approximately
	Dimensions	Assembled - 5.8" x 3.5" x 5"
	Standard	Manufactured in compliance with ASTM C1292 and D5379

## **QUOTE**

Model No. ASTM.D5379.13 - V-Notched Beam (Iosipescu Shear) Test Fixture

Fixture includes adjustable wedge type grips with inserts for 0.75" thick Iosipescu shear specimens and is designed with a built in specimen alignment design for easy use. The fixture comes with 1/2"-20 threaded stud for the upper mounting and comes with a flat base to be used on a platen (platen not included) for the bottom mounting. Constructed from stainless steel and manufactured in compliance with ASTM C1292 and D5379.

Temp Range:-120 to 250°F (-85 to 122°C)

Capacity: 10,000 lbs

Wedge specimen width: 19mm (0.750" )

Specimen Thickness: from 0.03" to 0.5"

Upper Adapter: 1/2"-20 Threaded Stud

Weight: approximately 15 lbs

## **ACCESSORIES**

Model No. ACC.D5379.1301 - Extra Set of (2) Jaws for 1/2" Specimen

Model No. ACC.D5379.1302 - Extra Set of (2) Jaws for 5/8" Specimen

Model No. ACC.D5379.1303 - Extra Set of (2) Jaws for 7/8" Specimen

Model No. ACC.D5379.1304 - Extra Set of (2) Jaws for 1" Specimen

Model No. ACC.D5379.1305 - Extra Set of (2) Jaws for 1.125" Specimen

Model No. ACC.D5379.1306 - Extra Set of (2) Jaws for 1.25" Specimen

## **SPARE PARTS**

Model No. SPA.D5379.1301 - Extra 5/16"-24 to 1/2"-20 Threaded Step Stud Adapter

Model No. SPA.D5379.1302 - Extra Set of (2) Jaws for 3/4" Specimen

Model No. SPA.D5379.1303 - Extra Set of (2) Screws with Retaining Rings

Model No. SPA.D5379.1304 - Extra Bearing

## **COMMON SIZE ADAPTERS**

### **Upper Mounting: 1/2"-20 Threaded Stud**

Model No. M01C21 - 1/2" Male Clevis to 1/2"-20 Coupling

Model No. M02C21 - 5/8" Male Clevis to 1/2"-20 Coupling

Model No. M03C21 - 1.25" Male Clevis to 1/2"-20 Coupling

Model No. M12C21 - 12mm Male Clevis to 1/2"-20 Coupling

Model No. S36C21 - 1"-14 Stud to 1/2"-20 Coupling

Model No. LN21 - 1/2"-20 Threaded Locking Nut with Knurled OD

### **Lower 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

**EXTRA PHOTOS:**

