

**Standards:**

ASTM D6264 - 17

ASTM D7766 - 16

ASTM D7956 - 16

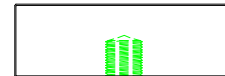
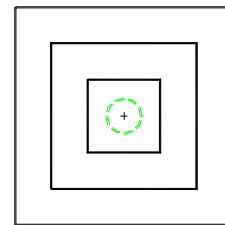
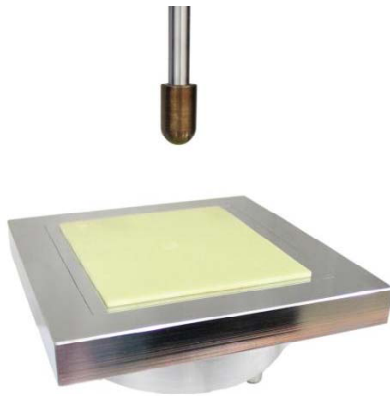
**Material Type:**

SANDWICH, COMPOSITE, POLYMER

**Type of Testing:**

COMPRESSION

# INDENTATION TEST FIXTURE



**Model No.**

ASTM.D6264.10

ASTM.D7766.10

ASTM.D7956.10

**Specimen Size or Difference Between Fixtures**

Rigidly-Backed Indentation

Rigidly-Backed Indentation

Rigidly-Backed Indentation

**Construction**

SS and high strength steel

SS and high strength steel

SS and high strength steel

**Temperature**

-20 to 120°F (-29 to 49°C)

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-20 to 120°F (-29 to 49°C)

ASTM.D6264.20

Edge Supported Indentation

ASTM.D7766.20

Edge Supported Indentation

ASTM.D7956.20

Edge Supported Indentation

SS and high strength steel

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SS and high strength steel

-20 to 120°F (-29 to 49°C)

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Specimen: Length 6"  
Width 6"  
Thickness 0.24"

Fixture: Mounting Top: 1/2"-20 coupling  
Bottom: 1"-14 coupling  
Capacity 20,000 lbs (88.96 kN)  
Weight 12 lbs  
Dimensions 6" x 6" x 3"  
Standard Manufactured in compliance with ASTM D6264, D7766 and D7956

## **QUOTE**

Model No. ASTM.D6264.10 - Rigidly-Backed Indentation Test Fixture

Used to determine damage resistance of composite material to a indentation force from a specified indenter. Includes 1/2" (12.7 mm) diameter stainless steel hemispherical indenter that is heat treated 60-62 Rc, and a 6" x 6" sturdy flat rigid support. Fixture comes with 1/2"-20 threaded coupling for upper mounting and a 1"-14 threaded coupling for lower mounting in a test machine. Constructed of stainless steel and steel in compliance with ASTM D6264, D7766 and D7956.

Model No. ASTM.D6264.20 - Edge Supported Indentation Test Fixture

Used to determine damage resistance of composite material to a indentation force from a specified indenter. Includes 1/2" (12.7 mm) diameter stainless steel hemispherical indenter that is heat treated 60-62 Rc and a 8" x 8" by 1.5" thick plate that has a 5" diameter opening in the center. Fixture comes with 1/2"-20 threaded coupling for upper mounting and 1"-14 threaded coupling for lower mounting in a test machine. Constructed of stainless steel and steel in compliance with ASTM D6264, D7766 and D7956.

## **ACCESSORIES**

Model No. ACC.D6264.1010 - Removable 1" Diameter Spherical Indenter

## **SPARE PARTS**

Model No. SPA.D6264.1001 - Removable 1/2" Diameter Spherical Indenter

Model No. SPA.D6264.1002 - 4" Long Shaft with 1/2"-20 Threaded Coupling

## **COMMON SIZE ADAPTERS**

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

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. C36C21 - 1" -14 to 1/2" -20 Coupling

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

### **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