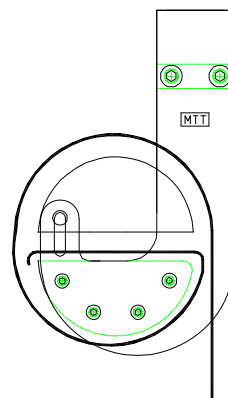


## OFFSET, SPLIT DRUM STYLE CAPSTAN GRIP SET FOR BREAKING STRENGTH OF TEXTILES



Specimen:      Width            Up to 4.0"  
                  Thickness        Up to 0.25"  
                  Length            36.0" minimum

Fixture:            Construction      High strength steel with protective finish  
                  Temperature      -120 to 250°F (-85 to 122°C)  
                  Mounting         1"-14 threaded couplings  
                  Capacity          20,000 lbs (88.9 kN)  
                  Weight            Approximately 65 lbs  
                  Dimensions       5.5" x 5" x 18"  
                  Standard         Manufactured in accordance with ASTM D6775, TCSS Article 209, and Federal Test Method Std 191A - Method 4108

### Model No. ASTM.D3950.20 - Breaking Strength Test Fixture for High Strength Textiles

The fixture is an offset split drum style capstan grip set. The fixture consists of one fixed split drum and one movable self-tightening split drum. The drums will accommodate up to 4" wide specimen. The split drums are attached to loading side plates with high strength bolts. The grips are supplied with threaded 1"-14 class 2B coupling ends.

The fixture is constructed from high strength steel with protective oil finish black oxide. Constructed in accordance with ASTM D6775, TCSS Article 209, and Federal Test Method Std 191A - Method 4108.

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

Capacity 20,000 lbf (88 kN)

Weight Approx. 65 lbs

Adapters: (2) 1"-14 Threaded Coupling Ends

# **MODEL NO. ASTM.D3950.20**

## **ACCESSORIES**

### **Upper and lower fixture attachment is supplied with 1" -14 female coupling. (Common adapter sizes include:)**

Model No. M03S36 - 1.25" Male Clevis (Type D) 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 - Threaded Locking Nut with Knurled OD

## **SPARE PARTS**

Contact us for spare or replacement parts

## **REFERENCE DOCUMENT AND TEST METHOD SCOPE:**

<http://www.astm.org/Standards/D3950.htm>

ASTM D3950 - 16

Standard Specification for Strapping, Nonmetallic (and Joining Methods)

1.1 This specification covers nonmetallic strapping and joining methods intended for use in closing, reinforcing, and bundling articles for shipment, unitizing, palletizing, and bracing for car loading and truck loading.

1.2 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.3 The following safety hazards caveat pertains only to the test method portion, Section 12, of this specification: This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

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