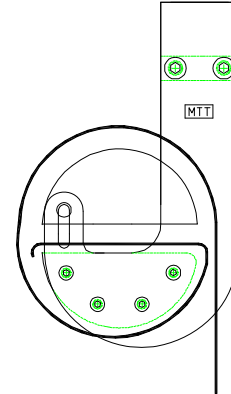


OFFSET, SPLIT DRUM STYLE CAPSTAN GRIP SET FOR BREAKING STRENGTH OF TEXTILES



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.D6775.10 - 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.D6775.10

ASTM, BREAKING, STRENGTH, ELONGATION,

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/D6775.htm>

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Standard Test Method for Breaking Strength and Elongation of Textile Webbing, Tape and Braided Material

1.1 This test method covers the determination of the breaking strength and elongation of textile webbing, tape and braided materials using a split-drum type specimen clamp.

1.2 This test method is limited to materials with a maximum width of 90 mm (3.5 in.) and a maximum breaking strength of no more than 89000 N (20000 lb).

1.3 The values stated in either SI units or U.S. Customary units are to be regarded separately as standard. Within the text, the U.S. Customary units are given in parentheses. The values stated in each system are not exact equivalents; therefore, each system shall be used independently of the other.

1.4 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.

Extracted, with permission from D6775, Standard Test Method for Breaking Strength and Elongation of Textile Webbing, Tape and Braided Material, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. A copy of the complete standard may be purchased from ASTM International, www.astm.org.