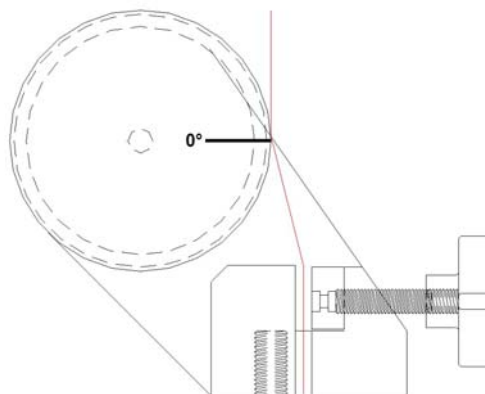


4" DIAMETER CAPSTAN STYLE TENSILE GRIPS FOR YARN (CS)



Specimen	Diameter	Up to 1/4"
	Length	10" -20" (250 - 500mm)
Fixture	Construction	High strength steel with protective finish
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	1/2" -20 threaded couplings
	Capacity	5,000 lbs
	Weight	20 lbs approximately
	Dimensions	Assembled 7.5" x 3" x 20"
	Standard	Manufactured in accordance with ASTM D2256

Model No. ASTM.D2256.10 - 4" Diameter Capstan Style Tensile Grips For Yarn (CS)

The grip has a stationary positive screw clamp to secure the ends of the test specimen. Supplied with 1/2"-20 threaded coupling ends. Constructed of high strength steel with a protective black oxide finish in accordance with ASTM D2256.

MODEL NO. ASTM.D2256.10

ASTM, YARN, TENSILE, TENSION, SINGLE,

ACCESSORIES

Upper and lower fixture attachment is supplied with 1/2" -20 female coupling (Common adapter sizes include):

Model No. M01S21 - 1/2" Male Clevis (Type B) to 1/2" -20 Threaded Stud
Model No. M02S21 - 5/8" Male Clevis (Type C) to 1/2" -20 Threaded Stud
Model No. M03S21 - 1.25" Male Clevis (Type D) to 1/2" -20 Threaded Stud
Model No. M12S21 - 12mm Male Clevis (Type O) to 1/2" -20 Threaded Stud
Model No. S36S21 - 1" -14 to 1/2" -20 Threaded Step Stud
Model No. LN21 - 1/2" -20 Threaded Locking Nut with Knurled OD

SPARE PARTS

Call for replacement or spare parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

SCOPE: <http://www.astm.org/Standards/D2256.htm>

ASTMD2256/D2256M-10(2015)

Standard Test Method for Tensile Properties of Yarns by the Single-Strand Method

1.1 This test method covers the determination of tensile properties of monofilament, multifilament, and spun yarns, either single, plied, or cabled with the exception of yarns that stretch more than 5.0% when tension is increased from 0.05 to 1.0 cN/tex [0.5 to 1.0 gf/tex].

1.2 This test method covers the measurement of breaking force and elongation of yarns and includes directions for the calculation of breaking tenacity, initial modulus, chord modulus, and breaking toughness.

1.2.1 Options are included for the testing of specimens in (A) straight, (B) knotted, and (C) looped form.

1.2.2 Conditions of test are included for the testing of specimens that are (1) conditioned air, (2) wet, not immersed, (3) wet, immersed, (4) oven-dried, (5) exposed to elevated temperature, or (6) exposed to low temperature.

NOTE 1 Special methods for testing yarns made from specific fibers; namely, glass, flax, hemp, ramie, and kraft paper and for specific products; namely, tire cords and rope, have been published Test Methods D885, and Specification D578.

NOTE 2 For directions covering the determination of breaking force of yarn by the skein method refer to Test Method D1578.

1.3 The values stated in either SI units or inch-pound units are to be regarded separately as standard. The values stated in each system may not be exact equivalents; therefore, each system shall be used independently of the other. Combining values from the two systems may result in non-conformance with the standard.

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 ASTM D2556 Standard Test Method for Tensile Properties of Yarns by the Single-Strand Method, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19482. A copy of the complete standard may be purchased from ASTM International, www.astm.org.

Material Testing Technology

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