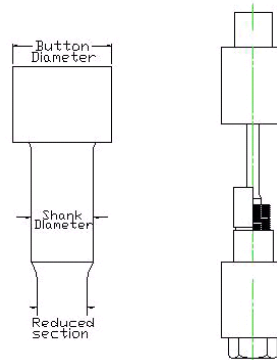


SHOULDER-END (BUTTON HEAD) SPECIMEN HOLDER GRIPS WITH STANDARD 0.505" DIAMETER SPECIMEN INSERTS



Specimen:	Diameter	0.505"
Fixture:	Construction	High strength steel with protective finish
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	1.5"-12 threaded stud
	Capacity	30,000 lbs
	Weight	20 lbs
	Dimensions	3.25" Diameter x 8"
	Standard	Manufactured in accordance with ASTM B557

Model No. ASTM.B0557.20 - Shoulder-End (Button Head) Specimen Holder Grips
Grips with standard 0.505" diameter specimen inserts. The grips include two sets of shoulder holder assemblies which include: two threaded loading studs with locking nuts, two retaining collars with spring loaded ball that protrudes inward to lock collets, one set of split collets for 0.505" specimen geometry. Loading studs and locking nuts are threaded 1.5" -12. Temperature range of -120 to 250°F (-85 to 122°C) Constructed of high strength steel in accordance with ASTM B557.

MODEL NO. ASTM.B0557.20

ASTM, TENSION, TENSILE, TESTING, WROUGHT,

ACCESSORIES

ACC.B0557.2001 - 0.357" Split Collets

ACC.B0557.2002 - 0.252" Split Collets

Lower fixture attachment is supplied with 1" -14 female coupling. (Common adapter sizes include:)

Model No. M03S48 - 1.25" Male Clevis (Type D) to 1.5" -12 Threaded Stud

Model No. S48S42 - 1.5" -12 to 1.25" -12 Threaded Step Stud

Model No. S60S48 - 2" -12 to 1.5" -12 Threaded Step Stud

Model No. LN36 - 1.5" -12 Threaded Locking Nut with Knurled OD

SPARE PARTS

SPA.B0557.2001 - 0.505" Split Collets

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/B557.htm>

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Standard Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products

1.1 These test methods cover the tension testing of wrought and cast aluminum- and magnesium-alloy products, with the exception of aluminum foil, and are derived from Test Methods E8, which cover the tension testing of all metallic materials.

1.2 The values stated in inch-pound units are to be regarded as standard. No other units of measurement are included in this standard.

1.3 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.

NOTE 1: Foil is sheet metal less than 0.0079 in. thick. There is an overlap in the thickness range 0.006 to 0.0079 in. defined for foil and sheet.

Sheet products in this thickness range are supplied to sheet product specifications and foil products in this thickness range are supplied to foil product specifications. Exceptions to the provisions of these test methods may need to be made in individual specifications or test methods for a particular material.

NOTE 2: A complete metric companion to Test Methods B557 has been developed—Test Methods B557M; therefore, no metric equivalents are presented in these test methods.

Extracted, with permission, Standard Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products 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.

Material Testing Technology

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