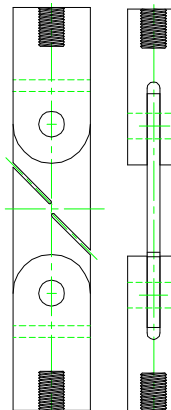


DOUBLE CLEVIS PIN TYPE GRIPS FOR SHEAR TESTING

No Photo



Specimen:	Thickness	0.25"
	Width	1.5"
Fixture:	Construction	High strength steel with protective finish
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	1/2"-20 threaded coupling
	Capacity	10.000 lbs (50kN)
	Weight	5 lbs
	Dimensions	1.5" x 1" x 8"
	Standard	Manufactured in accordance with ASTM B831

Model No. ASTM.B0831.10

Double Clevis Grips for Shear Testing of thin Aluminum Alloy Products. The fixture accommodates a slotted single shear specimen up to 0.250" thick. The specimen is attached to the clevis grip by means of a 1/2" diameter quick release steel loading pin. The clevis is made with a 1.5" deep by 0.25" wide slot. The fixture is manufactured from high strength, heat treated steel with a protective black oxide finish in accordance with ASTM B831.

Temperature Range -120 to 250°F (-85 to 122°C))
Capacity: 10,000 lbf (50kN)
Specimen Width 1.5" (37mm)
Weight Approx. 5 lbs

MODEL NO. ASTM.B0831.10

SHEAR, TESTING, THIN, ALUMINUM, ALLOY,

ACCESSORIES

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

Contact us for spare or replacement parts.

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/B831.htm>

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Standard Test Method for Shear Testing of Thin Aluminum Alloy Products

1.1 This test method covers single shear testing of thin wrought and cast aluminum alloy products to determine shear ultimate strengths. It is intended for products that are too thin to be tested according to Test Method B769.

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 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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