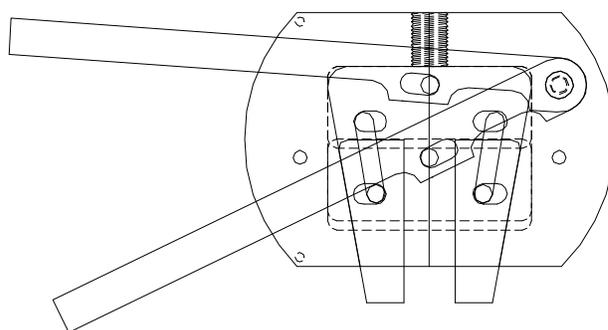


## 5 KIP WEDGE ACTION GRIPS WITH SERRATED FACES



Specimen:	Diameter	Up to 0.75" Diameter
	Width	Up to 1"
	Thickness	Up to 0.8"
Fixture:	Construction	High strength steel with protective finish
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	1/2"-20 threaded studs and locking nuts
	Capacity	5,000 lbs
	Weight	18 lbs
	Dimensions	5" x 1" x 8"
	Standard	Manufactured in accordance with ASTM E8

### Model No. ASTM.E0008.60 - 5,000 Pound Wedge Action Grips

Grips that will accept replaceable grip faces for different size specimens up to 0.8" thick by 1.0" wide or 0.75" round. The wedge action allows the grip faces to create a positive lock on the specimen. The initial clamping force is created by a lever arm actuation. Supplied with one set of replaceable faces. Grip set is constructed of high strength steel with a protective black oxide finish in accordance with ASTM E8. Includes 1/2" -20 threaded studs and locking nuts. Supplied with: Standard Grip Faces - 1" wide, flat grip faces for 0 to 0.2" thick. Surfallo type (emery grit) face.

## **MODEL NO. ASTM.E0008.60**

### **TENSION, TENSILE, METALLIC, MATERIALS,**

#### **ACCESSORIES**

ACC.E0008.6001 - 1" wide, flat grip faces for 0" to 0.2" thick Diamond double cut  
ACC.E0008.6002 - 1" wide, flat grip faces for 0.2" to 0.4" thick Diamond double cut  
ACC.E0008.6003 - 1" wide, flat grip faces for 0.4" to 0.6" thick Diamond double cut  
ACC.E0008.6004 - 1" wide, flat grip faces for 0.6" to 0.8" thick Diamond double cut  
ACC.E0008.6005 - 1" wide flat grip faces for 0 to 0.2" thick Surfalloy type (emery grit)  
ACC.E0008.6006 - 1" wide flat grip faces for 0.2 to 0.4" thick Surfalloy type(emery grit)  
ACC.E0008.6007 - 1" wide flat grip faces for 0.4 to 0.6" thick Surfalloy type(emery grit)  
ACC.E0008.6008 - 1" wide flat grip faces for 0.6 to 0.8" thick Surfalloy type(emery grit)

#### **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

#### **SPARE PARTS**

SPA.E0008.6001 - 1" wide, flat grip faces for 0 to 0.2" thick Surfalloy type (emery grit)

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

<http://www.astm.org/Standards/E8.htm>

ASTM E8 / E8M - 15a

Standard Test Methods for Tension Testing of Metallic Materials

1.1 These test methods cover the tension testing of metallic materials in any form at room temperature, specifically, the methods of determination of yield strength, yield point elongation, tensile strength, elongation, and reduction of area.

1.2 The gauge lengths for most round specimens are required to be 4D for E8 and 5D for E8M. The gauge length is the most significant difference between E8 and E8M test specimens. Test specimens made from powder metallurgy (P/M) materials are exempt from this requirement by industry-wide agreement to keep the pressing of the material to a specific projected area and density.

1.3 Exceptions to the provisions of these test methods may need to be made in individual specifications or test methods for a particular material. For examples, see Test Methods and Definitions A370 and Test Methods B557, and B557M.

1.4 Room temperature shall be considered to be 10 to 38°C [50 to 100°F] unless otherwise specified.

1.5 The values stated in SI units are to be regarded as separate from inch/pound units. The values stated in each system are not exact equivalents; therefore each system must be used independently of the other. Combining values from the two systems may result in non-conformance with the standard.

1.6 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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