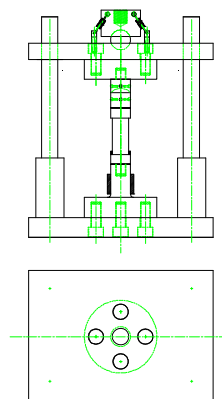


COMPRESSION STRENGTH SPHERICAL SEATED SUB-PRESS WITH 5 CENTERING WASHERS



Specimen:	Thickness	Any
Fixture:	Washers	0.5", 0.80", 1.0", 1.12", 1.25"
	Construction	High strength steel
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	1.5"-12 threaded couplings
	Capacity	100,000 lbs (450 kN)
	Weight	80 lbs
	Dimensions	14" x 10" x 18"
	Standard	Manufactured in accordance with ASTM E9

Model No. ASTM.E0009.10 - Compression Strength spherical Seated Sub-press for Metallic Materials at Room Temperature.

The sub-press will consist of hardened 1.5" diameter platens. One platen will be a ball and seat type and the other will be provided with centering washers and a centering collar. The fixture will be provided with 5 centering washers (ie 0.5", 0.80", 1.00", 1.12", 1.25") The platens will be supported by an upper and lower anvil. The anvils will be fastened to a four post guided die set. The top platen will be provided with a 1.5" -12 threaded coupling end.

The fixture is constructed from high strength steel in accordance with ASTM E9. Capacity for this fixture is 450 kN (100,000 lbs). Footprint dimensions are 10" x 14".

MODEL NO. ASTM.E0009.10

ASTM, COMPRESSION, COMPRESSIVE,

ACCESSORIES

ACC.E0009.1001 - Tungsten Carbide Upper Articulating Anvil
ACC.E0009.1002 - Tungsten Carbide Replacement Lower Platen

Upper 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. S48S36 - 1.5" -12 to 1" -14 Threaded Step Stud
Model No. S60S48 - 2" -12 to 1.5" -12 Threaded Step Stud
Model No. LN48 - 1.5" -12 Threaded Locking Nut with Knurled OD

SPARE PARTS

SPA.E0009.1001 - Set of (5) Centering Washers
SPA.E0009.1002 - High Strength Steel Replacement Upper Articulating Anvil
SPA.E0009.1003 - High Strength Steel Replacement Lower Platen

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/E9.htm>

ASTM E9 - 09

Standard Test Methods of Compression Testing of Metallic Materials at Room Temperature

1.1 These test methods cover the apparatus, specimens, and procedure for axial-load compression testing of metallic materials at room temperature (Note 1). For additional requirements pertaining to cemented carbides, see Annex A1.

Note 1—For compression tests at elevated temperatures, see Practice E209.

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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