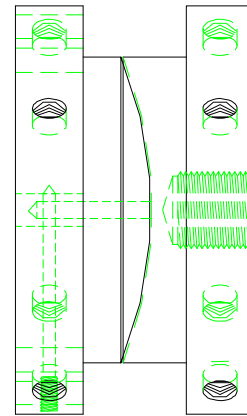


6" DIAMETER PLATEN SET WITH A SELF-ALIGNING SPHERICAL SEAT AND A FIXED COMPRESSION PLATEN



Specimen:	Width	Up to 6"
	Thickness	Any thickness
Fixture:	Construction	High strength steel with chrome finish
	Upper Platen	-120 to 250°F (-85 to 122°C)
	Lower Platen	6" diameter self-aligning compression loading platen
	Temperature	6" fixed compression loading platen
	Mounting	1"-14 threaded coupling
	Capacity	30,000 lbs (133.4 kN)
	Weight	48 lbs approximately
	Dimensions	6" diameter x 8"
	Standard	Manufactured in accordance with ASTM C365

Model No. ASTM.C0365.10 - Flatwise Compressive Strength Test Fixture

Includes 6" diameter self-aligning compression loading platen with spherical seat and 6" fixed platen. The spherical loading seat permits up to 7° from the loading axis. The spherical platen is manufactured from 1" thick steel with a female threaded 1"-14 coupling for mounting purposes. The spherical seat is supplied with a lubrication channel and a grease fitting. The fixed platen is manufactured from one piece of steel with a female threaded 1"-14 UNF class 2B coupling for mounting to your test machine. Each platen is constructed from high strength steel with a chrome finish with concentric positioning guides at 2" & 4" in accordance with ASTM C365.

MODEL NO. ASTM.C0365.10

ASTM, FLATWISE, COMPRESSION, PLATEN,

ACCESSORIES

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

Model No. M03S36 - 1.25" Male Clevis (Type D) to 1" -14 Threaded Stud

Model No. S42S36 - 1.25" -12 to 1" -14 Threaded Step Stud

Model No. S48S36 - 1.5" -12 to 1" -14 Threaded Step Stud

Model No. S60S36 - 2" -12 to 1" -14 Threaded Step Stud

Model No. LN36 - 1" -14 Threaded Locking Nut with Knurled OD

SPARE PARTS

Please contact us for spare or replacement parts

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/C365.htm>

ASTM C365/C365M-11a

Standard Test Method for Flatwise Compressive Properties of Sandwich Cores

1.1 This test method covers the determination of compressive strength and modulus of sandwich cores. These properties are usually determined for design purposes in a direction normal to the plane of facings as the core would be placed in a structural sandwich construction. The test procedures pertain to compression in this direction in particular, but also can be applied with possible minor variations to determining compressive properties in other directions. Permissible core material forms include those with continuous bonding surfaces (such as balsa wood and foams) as well as those with discontinuous bonding surfaces (such as honeycomb).

1.2 This test method does not cover the determination of compressive core crush properties. Reference Test Method D7336/D7336M for determination of static energy absorption properties of honeycomb sandwich core materials.

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.

1.3.1 Within the text the inch-pound units are shown in brackets.

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 C365 Standard Test Method for Flatwise Compressive Properties of Sandwich Cores, 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.