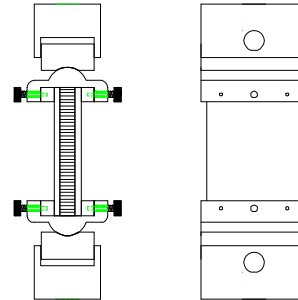


ADJUSTABLE EDGEWISE COMPRESSION FIXTURE WITH 4" SELF-ALIGNING AND A NOTCHED SPHERICAL SEAT (CS)



Specimen:	Width	Up to 4"
	Thickness	Any thickness up to 2.25"
	Length	Any length
Fixture:	Construction	High strength steel with a protective finish
	Platens	4" by 2" self-aligning V-notched platens
	Adj. Inserts	Supplied with (1) set of inserts for 1/4" to 1/2" thick
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	(2) 1"-14 threaded couplings
	Capacity	20,000 lbs (88.9 kN)
	Weights	20 lbs approximately
	Dimension	4" x 2" x 10"
	Standard	Manufactured in accordance with ASTM C364

Model No. ASTM.C0364.10 - Adjustable Edgewise Compression Fixture for Sandwich Structures

The fixture includes 4" by 2" self-aligning V-notched upper and lower support platens with 1"-14 class 2B loading coupling and (1) set of replaceable inserts for specimen thicknesses from 1/4" to 1/2". Fixture is constructed from high strength steel with a protective black oxide finish in accordance with ASTM C364.

Temperature Range -120°F to 250°F (-85°C to 122°C)

Capacity 20,000 lbs. (88.9 kN)

Specimen Width 4" (100 mm)

Weight Approx. 20 lbs

Loading Threads: (2) 1" -14 class 2B Threaded Couplings

MODEL NO. ASTM.C0364.10

ASTM, EDGEWISE, COMPRESSION

ACCESSORIES

ACC.C0364.1001 - Set of (2) Adjustable Inserts for thicknesses from 1/2" to 3/4"
ACC.C0364.1002 - Set of (2) Adjustable Inserts for thicknesses from 3/4" to 1.0"
ACC.C0364.1003 - Set of (2) Adjustable Inserts for thicknesses from 1.0" to 1.25"
ACC.C0364.1004 - Set of (2) Adjustable Inserts for thicknesses from 1.25" to 1.5"
ACC.C0364.1005 - Set of (2) Adjustable Inserts for thicknesses from 1.5" to 1.75"
ACC.C0364.1006 - Set of (2) Adjustable Inserts for thicknesses from 1.75" to 2.0"
ACC.C0364.1007 - Set of (2) Adjustable Inserts for thicknesses from 2.0" to 2.25

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

SPA.C0364.1001 - Set of (2) Adjustable Inserts for thicknesses from 1/4" to 1/2"

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

<http://www.astm.org/Standards/C364.htm>

ASTM C364/C364M-07(2012)

Standard Test Method for Edgewise Compressive Strength of Sandwich Constructions

1.1 This test method covers the compressive properties of structural sandwich construction in a direction parallel to the sandwich facing plane.

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 The values stated in either SI units or inch-pound units are to be regarded separately as standard. Within the text the inch-pound units are shown in brackets. 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 nonconformance with the 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.

Extracted, with permission, from ASTM C364 Standard Test Method for Edgewise Compressive Strength of Sandwich Constructions, 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.