

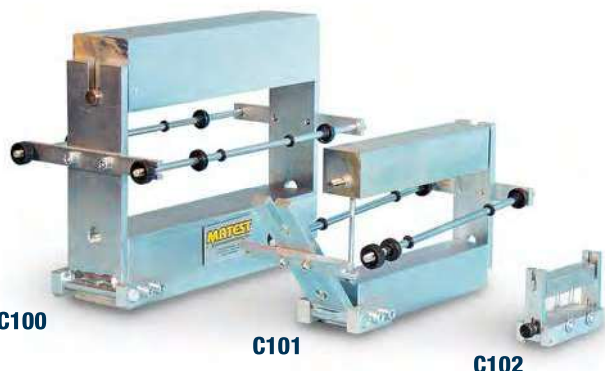
ACCESSORIES TO COMPRESSION AND FLEXURAL TESTING MACHINES

SPLITTING TENSILE TEST DEVICES

For cylindrical specimens.

STANDARDS: EN 12390-6 | ASTM C496 | NF P18-408

Model	Cylinders Ø x height mm	Weight kg	Height mm
C100*	150x300, 160x320, 6"x 12"	20	280
C101*	100x200, 110x220, 4"x 8"	12	220
C102*	40 x 80	1	90



C101-01* SPLITTING TENSILE TEST DEVICE

For cylindrical specimens from Ø 100x200 mm (4"x8") to Ø 160x320 mm (6"x12").

The base is equipped with flat springs centering and keeping in position the specimen.

Two columns with adjustable height sustain the upper plate by two springs.

This item is an alternative solution to mod. C100 + C101

Dimensions: 350x250xh264 mm

Weight: 17 kg approx.



C103* SPLITTING TENSILE TEST DEVICE

Used to perform tests on concrete cube specimens 100 and 150 mm and on concrete block pavers.

STANDARDS: EN 12390-6, EN 1338

Dimensions: 350x250x264 mm

Weight: 17 kg approx.

***Note:** To perform the test, these devices have to be used with a concrete compression machine equipped with a low capacity measuring range (see dual low range, p. 313), or with a flexural frame.



C103-01* SPLITTING TENSILE TEST DEVICE

Same as mod. C103 but to perform tests on concrete block pavers having max. dimensions 300 x 500 mm, and for tests on concrete cube specimens 100, 150, 200 mm, and any type of block and prismatic specimens. This splitting device is directly fixed on the compression platens of the block testers having 2000kN or 3000kN capacity.

Weight: 10 kg approx.



C103-01



C103-02

C103-02* SPLITTING TENSILE TEST DEVICE

Same to mod. C103-01, but to be fixed to the flexural frames serie C091-02N (p. 292), C090-06 (p. 294), C095N (p. 296) and C096N (p. 300).

ACCESSORIES

C100-01 STANDARD: EN 12390-6
PACKING STRIPS, dimensions 4x10x350 mm to be used for splitting tensile tests with mod. C100, C101, C101-01 C103. Pack of 100 pieces.

C100-02 STANDARDS: EN 1338, EN 12390-6
PACKING STRIPS, dimensions 4x15x350 mm to be used for splitting tensile tests with mod. C103. Pack of 100 pieces.

C100-03 STANDARDS: EN 1338, EN 12390-6
PACKING STRIPS, dimensions 4x15x540 mm, to be used for splitting tensile tests with the device mod. C103-01. Pack of 100 pieces

C109-12(N) SOFTWARE UTM2 (Universal Testing Machine 2)
Licence for TENSILE SPLITTING TESTS on cylinders, cubes and concrete blocks.
STANDARDS: EN 1338, EN 12390-6

General description and technical details: see UTM2 p. 18

ACCESSORIES TO COMPRESSION AND FLEXURAL TESTING MACHINES

C106 FLEXURAL DEVICE FOR TWO POINT AND CENTRE POINT TESTS ON CONCRETE BEAMS 100X100X400/500 AND 150X150X600/750 MM

STANDARDS: EN 12390-5 | ASTM C78, C293 | AASHTO T97
BS 1881:118

Equipped with two lower rollers, one of them articulated, and two upper rollers for third point tests.

- Two fix distances between lower rollers: 300 and 450 mm
- Two fix distances between upper rollers: 100 and 150 mm

It is possible to place in the centre only one upper roller for centre point tests.

To perform the flexural test, this device has to be used with a concrete compression machine foreseen of low capacity measuring range (mod. C097-01, C097-02) see p. 313

Dimension: 610x200x320 mm

Weight: 27 kg approx.

E170 COMPRESSION DEVICE TO TEST MORTAR PRISMS 40.1X40X160 MM BROKEN IN FLEXURE

STANDARDS: EN 196-1 | ASTM C349

To be used with a concrete compression machine foreseen of low capacity measuring range (mod. C097-01, C097-02) or with a flexural frame.

Dimensions: Ø 153xh182 mm.

Weight: 12 kg approx.



E170

E171 COMPRESSION DEVICE TO TEST MORTAR CUBE SPECIMENS 50 MM (2")

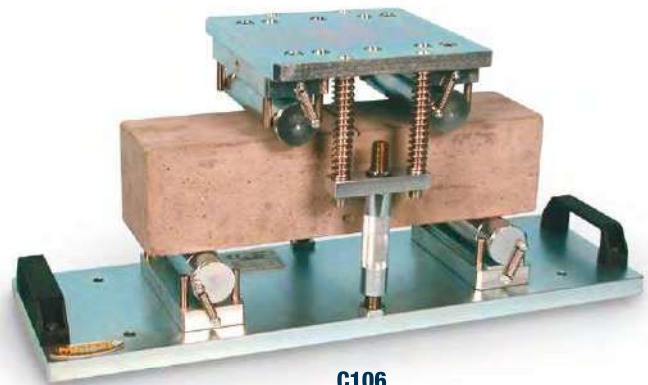
STANDARD: ASTM C109

It is possible to test also cylindrical specimens Ø 50xh50 mm. To be used with a concrete compression machine foreseen of low capacity measuring range (mod. C097-01, C097-02) or with a flexural frame.

Weight: 12 kg approx.



E171



C106

E171-01 COMPRESSION DEVICE TO TEST MORTAR CUBE SPECIMENS 70.7 MM

STANDARD: BS 4550

It is possible to test also cylindrical specimens Ø 70x70 mm.

To be used with a concrete compression machine foreseen of low capacity measuring range (mod. C097-01, C097-02) or with a flexural frame.

Weight: 12 kg approx.



E171-01

C091-13 CONCRETE KERBS AND SLABS DEVICE FLEXURAL STRENGTH MEASUREMENTS

STANDARD: EN 1340

The equipment consists of a steel tamper mounted on a rotating coupling which is fixed to the upper part of the flexural testing machine (to be selected from serie mod. C090-06, C091, C093 and C095N) to apply a flexural strength on three points on the concrete kerb, without any torsional stress.



C091-13