

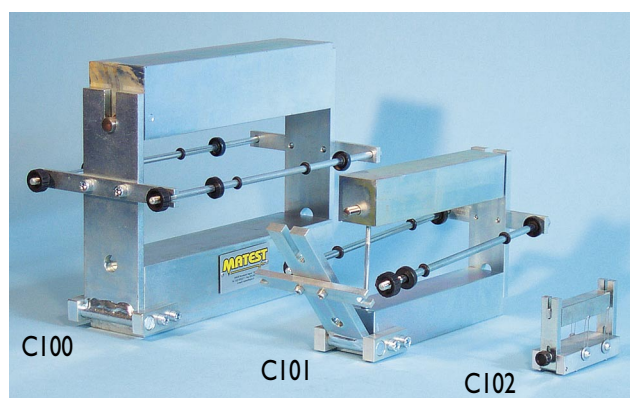
**ACCESSORIES TO COMPRESSION AND FLEXURAL TESTING MACHINES**

**Splitting tensile test devices**

For cylindrical specimens.

STANDARDS: EN 12390-6 / ASTM C496 / NF P18-408  
UNI 6135 / BS 1881:117

Model	Cylinders dia. x height mm.	Weight kg
<b>C100*</b>	150x300, 160x320, 6"x 12"	30
<b>C101*</b>	100x200, 110x220, 4"x 8"	15
<b>C102*</b>	40 x 80	1



**C101-01\***

**Splitting tensile test device**, for cylindrical specimens from dia. 100x200 mm (4"x8") to dia. 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  
Weight: 17 Kg



**C103\***

**Splitting tensile test device** 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

\* 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, pag. 178), or with a flexural frame.

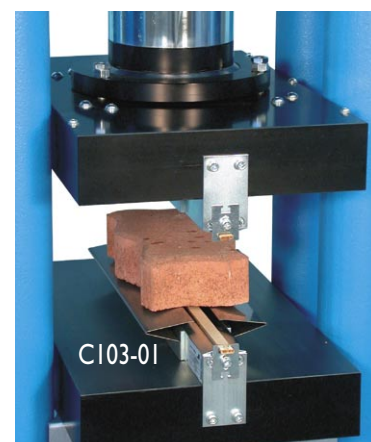


**C103-01\***

**Splitting tensile test device**, same to 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.

Described at pag. 134, 150  
Weight: 15 kg



**C103-02**

**Splitting tensile**

**device**, same to mod. C103-01, but to be fixed to the flexural frames serie C091-01 (pag. 162) and C090-06 (pag. 164)



ACCESSORIES:

**C100-01** STANDARD: EN 12390-6

PACKING STRIPS, hard wood made, 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 / BS 1881

PACKING STRIPS, hard board made, dimensions 4x15x350 mm to be used for splitting tensile tests with mod. C103. Pack of 100 pieces.

**C100-03** PACKING STRIPS, hard wood made, dimensions 4x15x540 mm,

to be used for splitting tensile tests with the device mod. C103-01. Pack of 100 pieces

**C109-12** SOFTWARE UTM2 (Universal Testing Machine 2)

Licence for TENSILE SPLITTING TESTS on cylinders, cubes and concrete blocks.

STANDARDS: EN 12390-6, EN 1338 / UNI 6135



General description and technical details: see UTM2 pag. 12



**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**

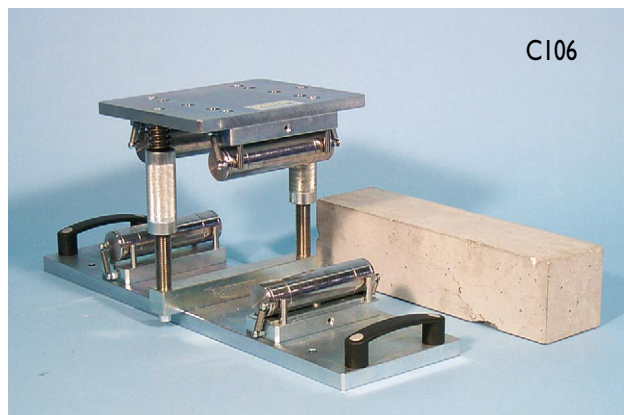
STANDARDS: EN 12390-5 / UNI 6133 / NF P18-407 / UNE 83-305  
ASTM C78, C293 / AASHTO T97 / BS 1881:118

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

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 pag. 178)

Dimension: 610x200x320 mm. Weight 27 Kg



C106

**E171-01**

**Compression device to test mortar cube specimens 70,7 mm**

STANDARD: BS 4550

It is possible to test also cylindrical specimens dia. 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



E171-01

**C091-13**

**Concrete kerbs and slabs device**

FLEXURAL STRENGTH MEASUREMENTS

STANDARD: EN 1340:2004, EN 1339

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. C091 and C093) to apply a flexural strength on three points on the concrete kerb, without any torsional stress.



C091-13

section C



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**E170**

**Compression device to test mortar prisms 40,1x40x160 mm broken in flexure**

STANDARDS: EN 196-1 / ASTM C349 / NF P15-451

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: dia. 153xh182 mm. Weight: 12 Kg



E170

**E171**

**Compression device to test mortar cube specimens 50 mm (2")**

STANDARD: ASTM C109

It is possible to test also cylindrical specimens dia. 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



E171