CERMET
Certificazione e ricerca per la qualità

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TEST REPORT N. 2011-00801 Rev. A

(The present report replaces the Rdp n. 2011-00801)

TEST TYPE:	1. LIFTING TEST
MATERIAL /SAMPLE:	N. 1 GRIPS DEVICE
JOB N°:	MBO11E01785
D.D.T.:	N°00148 del 05/09/2011
ORDER:	N°ddt n. 00148 DEL 2011/09/05
SAMPLE RECEIPT DATE:	2011-09-13
CLIENT	**AUTOATTREZZATURE STANZANI S.n.c.** Via Savena Vecchia, 67 BARICELLA BO

DECLARATIONS

The Client engages itself to reproduce this test report integrally; any partial reproduction shall be authorized by CERMET

Cadriano di Granarolo, 2011-10-13

The Engineer
Dott. Michele Torri

The Manager of Laboratory
Roberto Bertozzi

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SAMPLE IDENTIFICATION

The Client delivered n° 1 sample identified as follows:

CERMET Identification	Description	CLIENT Identification	Materials
134 autoblock	Grips device	134 autoblock	/

The photo 1 shows how the sample looked on arrival at the laboratory.

photo 1: sample “134 autoblock”

Test purpose is to determine the mechanical strength of the samples simulating the lifting

.

TEST 1: LIFT TESTING

DATE OF ACTIVITY: 2011-10-12

EQUIPMENT

Static testing machine INSTRON 6027 load cell with a maximum capacity of 200 kN INSTRON code IM006 (SIT calibration certificate n ° 1100025FSE).

TEST CONDITIONS

The sample was fixed on the machine for static tests INSTRON using the configuration shown in photo 2.

TEST METHODS AND REFERENCE SPECIFICATIONS

UNI EN 10002/1:2004
ASTM E08
PTL006 rev. 0

TEST PARAMETRIES

Temperature:	ambient
Preload :	10 N
Test speed:	10 mm/min

photo 2: sample “134 autoblock” – test layout

TEST RESULTS

The following are the results: The table below shows the value of the force F detected the maximum load reached and the behavior of the device at the end of test

Device	Fm kN	Fm kg	State
134 autoblock	**109,5**	**1073,8**	unthreading of retainer pyramidal, and consequent tightening and locking of the jaws (ref. photo 3)
$U^{(k=2)}$	2,2	21,5	

Fm is the tensile strength

The estimation of measurement uncertainty expanded above standard is based on the uncertainty multiplied by a coverage factor k = 2 (level of confidence 95%).

The photo below shows the status of the sample at the end of the tests

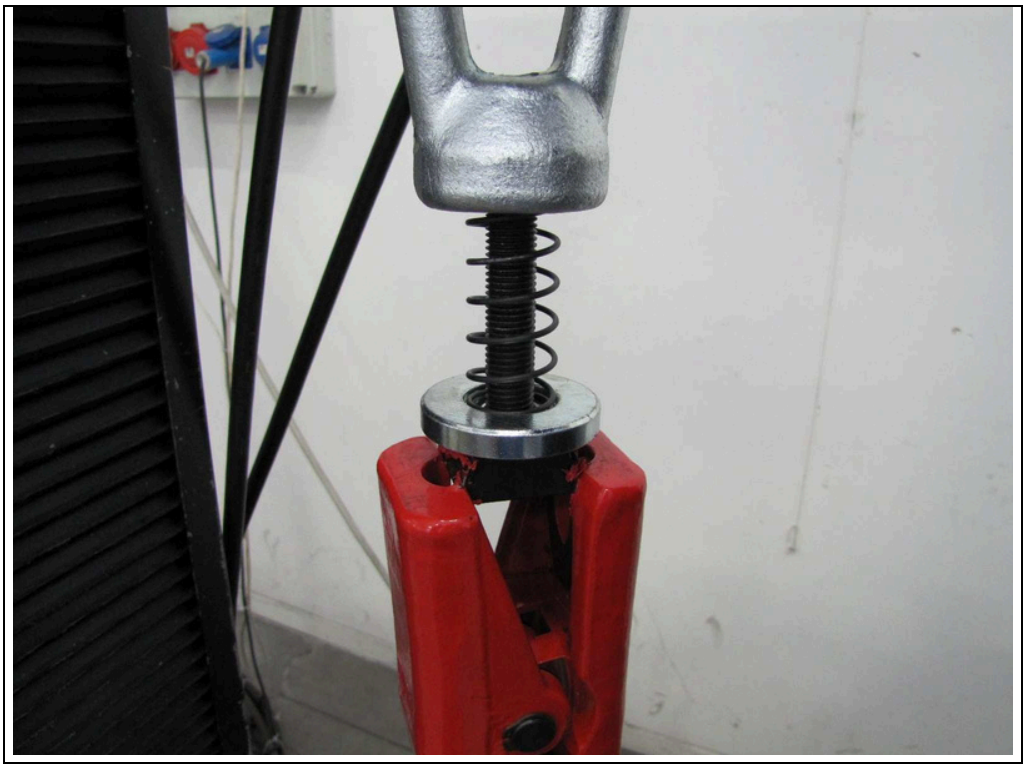
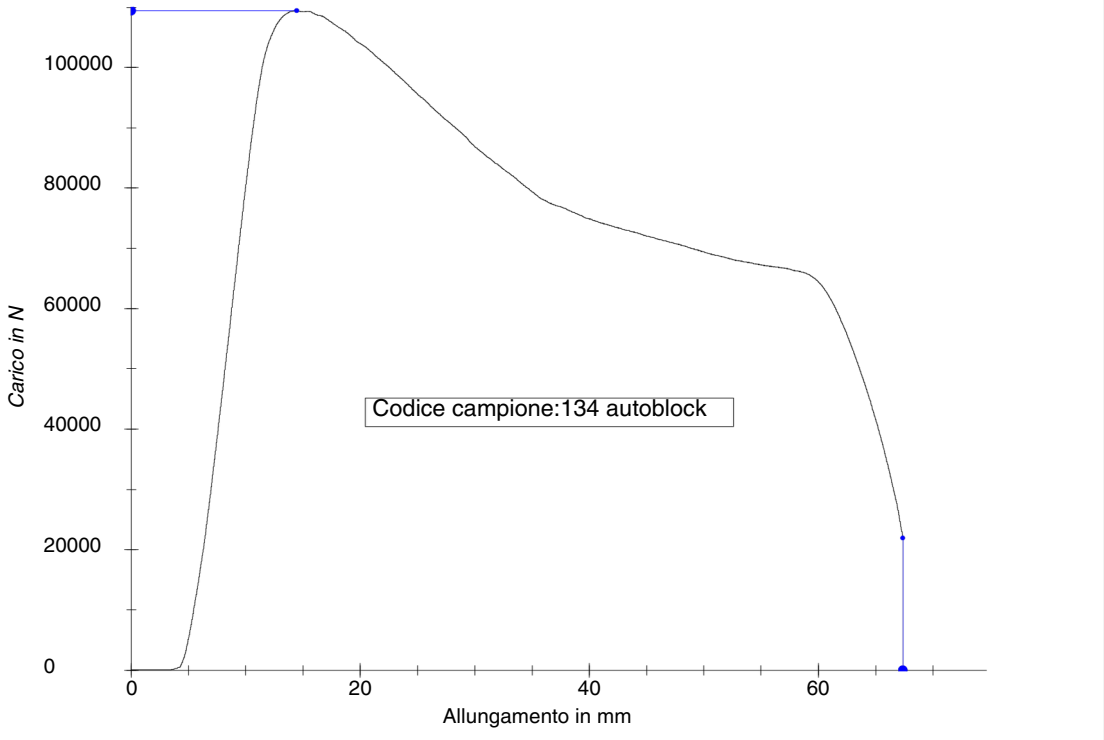


photo 3: sample “134 autoblock” – state of the device at the end of test

GRAPHIC



Sample “134 autoblock”

NOTES
Samples are maintained for 6 months after the delivery of the test documents. The samples in excess are stored
in industrial atmosphere; this might involve a deterioration that would jeopardize the relevant use or test repetition.
CERMET does not assure that after the above said term the samples are still traceable.