EN IT FR DE ES PT NL SV NO FI RO PL CS SK SL HR RU TR 中文 JP 한글

Compliant with European Regulation
Conforme al regolamento europeo
Conforme à la réglementation européenne
(EU) 2016/425

CARABINERS AND QUICKDRAWS
MOSCHETTONI E RINVII
MOUSQUETONS ET DÉGAINES

SEE TAB.
VEDI TAB.
VOIR TAB.
СМ.ТАБ.

EN 12275: 2013

EN 362: 2004

EN 566:2017

TP TC 019/2011 UIAA

CE 0123 - 2777 - 2849

J LIFE SHEET - SCHEDA DI VITA - FICHE DE DURÉE DE VIE

Modello - Model - Modèle

Numero di serie - Serial number - Numéro de série

Mese e anno di fabbricazione - Month and year of manufacture - Mois et année de fabrication

Data di acquisto - Purchase date - Date de l'achat

Data del primo utilizzo - Date of first use - Date de la première utilisation

Utilizzatore - User - Utilisateur

Note - Comments - Commentaires

Controllo ogni 12 mesi - Inspection every 12 months - Inspection tous les 12 mois

Data / Date / Date	OK	Nome/Firma / Name/Signature / Nom/Signature	Data prossimo controllo / Date next control / Date du prochain contrôle

W1

Notified body controlling the manufacturing of the product:
Organismo che controlla la fabbricazione del prodotto:
Organisme controllant la fabrication du produit:

TÜV SÜD Product Service GmbH
Ridlerstraße 65, 80339 Munich - Germany - N.0123

SATRA Technology Europe Ltd.
Bracetown Business Park, Clonee, Dublin 15 - Dublin - Ireland - N.2777

INSPEC International B.V.
Beechavenue 54-62, 1119 PW - Schiphol-Rijk - The Netherlands - N.2849

W2

Notified body intervening for the EU type examination:
Ente riconosciuto che interviene per l'esame UE del tipo:
Organisme notifié intervenant pour l'examen UE de type:

APAVE EXPLOITATION FRANCE SAS
6 Rue du Général Audran - 92412 Courbevoie Cedex - N.0082

DOLOMITICERT s.ca.r.l.
Zona Industriale Villanova 7/A - 32013, Longarone (BL) - Italy - N.2008

SATRA Technology Europe Ltd.
Bracetown Business Park, Clonee, Dublin 15 - Dublin - Ireland - N.2777

VVUÚ, a.s.
Pikartská 1337/7, 716 07 Ostrava - Radvanice - Czech Republic - N.1019

INSTRUCTION MANUAL
MANUALE ISTRUZIONI
NOTICE D'INFORMATION

CO 01 MANUALE01
April 2024 - Rev. 20
© C.A.M.P. SpA

C.A.M.P. SpA
Costruzione Articoli Montagna Premana
Via Roma, 23 - 23834 Premana (LC) - Italy
Tel. +39 0341 890117 - Fax +39 0341 818010
www.camp.it - contact@camp.it

ÉLÉMENTS D'EMBALLAGE
BAC DE TRI
MAGASIN DÉCHÈTERIE
quefairedemesdechets.fr

ENGLISH

GENERAL INFORMATION

These instructions inform you about the correct use throughout the life of the product: **read, understand and keep these instructions**. If lost, you can download the instructions from the web site **www.camp.it**. The EU declaration of conformity can be also downloaded from our site. The retailer must provide the instruction manual in the language of the country where the product is to be sold.

USE - This equipment should be used only by trained and competent persons. Otherwise the user should be under the direct supervision of a trained and competent person. This notice will not teach you the techniques for work at height or any other associated activity; this notice will not teach you the techniques for climbing, alpinism or any other associated activity: you must have received qualified instruction before using this product. Climbing, and any other activity for which these products may be used, is inherently dangerous. The consequences of incorrect selection, misuse or poor maintenance of equipment could result in damage, serious injury or death. The user must be medically fit and capable to control his own security and any possible emergency situations. For equipment intended for use in fall arrest systems, it is essential for safety that the anchor device or anchor point should always be positioned, and the work carried out in such way as to minimise both the potential for falls and the potential fall distance. Verify the free space required beneath the user at the workplace before each occasion of use, so that, in the case of a fall, there will be no collision with the ground or the other obstacle in the fall path. A full body harness is the only acceptable body holding device that can be used in a fall arrest system. The product should only be used as instructed and no alterations should be made to it. It may be used in conjunction with any appropriate items of suitable specification and according to the EN standards, with due consideration to the limitations of each individual piece of equipment. This leaflet shows examples of improper utilizations of this product. Note that it is impossible to show or imagine all improper utilizations and that this product should be used only in the way specified by the manufacturer in this leaflet. If possible this product should be treated as personal. If used by multiple individuals, these instructions must be available for consultation and must be respected by all users.

MAINTENANCE - *Cleaning of the textile and plastic parts:* rinse in clean water and neutral soap (max temperature 30°C) and dry naturally away from direct heat. *Cleaning of the metallic parts:* rinse in clean water and then dry. *Sanitisation:* the procedures are available on the website **www.camp.it.** *Temperature:* Always keep this product below 80°C so as not to affect the performance of the product. *Chemicals:* withdraw the product from service if it comes into contact with chemical reagents, solvents or fuels which could affect the performance of the product. *Dirt that cannot be removed:* spots of unknown origin that cannot be removed should be considered chemical contamination and therefore require that the product be disposed of.

STORAGE - Store unpacked in a cool, dry and well-ventilated, dark place away from heat sources, high humidity, sharp edges, corrosives or other possible causes of damage. Do not leave the product exposed to the weather.

RESPONSIBILITY - The company C.A.M.P. SpA, or the distributor, will not accept any responsibility for damage, injury or death resulting from misuse of or from modifications to a C.A.M.P. branded product. It is the user's responsibility at all times to ensure that he/she understands the correct and safe use of any equipment supplied by or from C.A.M.P. SpA, that he/she uses it only for the purposes for which it is designed and that he/she practices all proper safety procedures. Before using the equipment, take all necessary steps to familiarise yourself with rescue techniques should an emergency occur. You personally assume all the risks and responsibilities for your actions and decisions: if you are not able or not in a position to assume these, do not use this equipment.

3 YEAR WARRANTY - This product is warranted against any faults in materials or manufacture for 3 years from the purchase date. Limitations of warranty include: normal wear and tear, modifications or alterations, incorrect storage, corrosion, damage due to accidents or negligence, use for which this product is not specifically designed.

SPECIFIC INFORMATION

INSTRUCTIONS FOR USE

Summary

This product is intended for use in a fall arrest system to protect against the risk of falls from a height:

- when it is marked EN 12275, to be used for mountaineering, climbing and other vertical sports using similar techniques;
- when it is marked EN 362, to be used as a component of an fall arrest system at work, for work positioning or in rescue.

USE

The product should only be used as instructed (**chart A and B**) and according to the **fig.1 to 13**. Warning: certain situations may reduce the strength of the connector (**fig.8**). Use of Karstop by C.A.M.P. (**fig.9-10**) is highly recommended in order to keep the rope or webbing in position on the lower part, so that the carabiner is charged on its major axis. Any external pressure on the gate (for example with a descender) is dangerous (**fig.11**).

Warning: Dyneema has low melting point (140°C) and low friction coefficient (slipperiness).

Carabiner EN 362: the length of the connector should be taken into account when used in any fall arrest system, as it will influence the length of a fall. For equipment intended for use in fall arrest systems, it is essential for safety that the anchor device or anchor point should always be positioned, and the work carried out in such way as to minimise both the potential for falls and the potential fall distance. Verify the free space required beneath the user at the workplace before each occasion of use, so that, in the case of a fall, there will be no collision with the ground or the other obstacle in the fall path. A full body harness is the only acceptable body holding device that can be used in a fall arrest system.

Connection: The user of connectors with manual locking (**fig.1**) must avoid detaching them several times in the same working day. Screwlink connectors **[5]** should be used when their opening and closing is infrequent (**fig.6**). They must be tightened by means of a spanner with a torque of 3 Nm for screwlink connectors **[5]** with diameters of 8 mm and with a torque of 7 Nm for diameters of 10-12 mm. Never use screwlink connector **[5]** if the screw nut **[6]** is partially blocked (**fig.6**). For correct use and for connection to a safe anchor point, to a subsystem (for example energy absorber, a lanyard or a connector) and other components of a fall arrest system, see **fig.7**. The anchor point of the system should preferably be located above the position of the user and must have a strength according to EN 795 (>15 kN) (**fig.13**).

Characteristics: The characteristics of the connector are indicated in the **chart A and B**.

Class H: connector for belaying with an Italian hitch.
Class K: connector for via ferrata.
Class X: oval connector for low breaking strength and aid climbing .
Class B: basic connectors.
Class Q: screwlink connectors.
Class M: multi-use connector

For EN 362: Class T: corresponds to the termination connectors intended to allow a direction of load predetermined along the major axis. The principal material of the connector is indicated in the column "Material" on the **chart B**: S = Steel, SS = Stainless steel, Al = Aluminium alloy.

CHECKING AND MAINTENANCE

A carabiner looses half of its resistance when the gate is open (see **chart A and B**). It is recommended to check that the gate is properly working before use:

- if the gate **[2]** does not come back properly when closing. During the inspection, the gate **[2]** should be released slowly in order to nullify the spring action.
- wrong or incomplete functioning of the gate closing system. For manually closing of the Locking device **[3]**, it has to be screwed and unscrewed completely. Never use a carabiner if it is just partially blocked. The automatic closing must be carried out completely, without any external aid. In certain environments, contaminants (mud, sand, paint, ice, dirty water, etc.) can prevent the automatic locking system from working.

If one of the defects appears, after cleaning, oil the gate mechanism with a silicon based lubricant. Note: cleaning and lubrication is recommended after every use in marine environment. If, after oiling, the defect persists, the carabiner has to be put out of use. During use, avoid the contact of sling with any sharp edges in order to avoid the loss of resistance, or a cut of the sling. A knot, humidity, freezing cold, exposition to UV rays and the aging due to use are diminishing the sling resistance.

PERIODIC INSPECTION

The safety of users depends upon the continued efficiency and durability of the equipment. In addition to normal visual inspection prior to, during, and after use, this product must be inspected by a competent person at least once every 12 months. This frequency should be increased if the equipment is used by multiple individuals or if subject to particularly harsh wear. The date of first use and of all inspections must be recorded on the product's lifesheet. Keep all inspection and reference documentation for the entire life of the product. Do not remove or tamper with the product labeling. Remove the product from service if its entire history is unknown and/or if the records are illegible. In case of one of the following defects are present, the carabiner should be withdrawn from service immediately:

- deep corrosion that seriously alters the surface state of the metal (which does not disappear after a light rubbing with emery paper)
- play or exit of the rivet from the gate **[2]** of the carabiner
- incorrect placement of the gate **[2]** on the carabiner body **[1]**
- play or exit of the rotation axis of the gate **[4]**
- general wear and tear of the body **[1]** which causes a significant reduction of the body section, which is deeper than 1mm
- presence of cracks particularly on the rotation axis
- for screwlink connector, difficulty in closing the

In case of one of the following defects are present, the sling should be withdrawn from service immediately:

- presence of cutting and/or burning on the webbing
- presence of cutting and/or burning on the seams

If the component or one of its parts shows signs of wear or defects, it must be replaced, even before the end of its expected lifetime. It must be replaced if there is any doubt about its condition. Each product in the safety system can be damaged during a fall and must be always inspected before use it again. Do not continue to use a product after a major fall because a damage may have occurred, even no external signs are visible.

LIFETIME

Carabiner: The lifetime of the product is unlimited.

Sling: The lifetime of the product is 10 years from the date the product is first used and (taking storage into consideration) in any case cannot exceed the end of the twelfth year from manufacturing (i.e. manufacture year 2030, lifetime until end of 2042, or 10 year from the date of first use, whichever comes first).

Carabiner / Sling: The product lifetime is understood to be in the absence of events that cause it to be unfit for use, and if the product is inspected periodically at least once every 12 months from its first date of use. The results of the inspections must be recorded on the product lifesheet. The following factors can reduce the product life: intense use, damage to parts of the product, unauthorized modifications, high temperatures, abrasions, cuts, violent impact, exposure to UV, chemical substances, moisture, freezing, sweat, mud, dust, improper use or storage other than what is recommended. If a product is suspected to be no longer safe and reliable, replace the product or contact C.A.M.P. or the distributor before continuing use.

TRANSPORTATION

Protect the product from risks such as those detailed above.