- 1 GENERAL INFORMATION
 1.1) The information provided by the manufacturer (hereinafter information) must be read and well understood by the user before using the device.
 1.2) All our devices are tested / checked piece by piece in accordance to the procedures of the Quality System certified according to the
 UNI EN ISO 9001 standard.
 1.3) Personal protective equipment is certified by the notified body reported in the specific instructions of the device in accordance with
 Annex V of the Regulation (EU) 2016/425. If Category III PPE, they are subject to surveillance of production in accordance with Annex VIII
 of the Regulation (EU) 2016/425 by the notified body whose accreditation number is marked on the device.
 1.4) Personal use of the device is recommended to monitor the degree of the device and to maintain it continuously.
 1.5) Check that the device has been supplied intact, in the original packaging and with its information. For devices sold in different countries from the destination of origin, the distributor shall verify and supply the translation of this information.
 1.6) This device can be used in combination with other devices when compatible with relevant manufacturer information.
 1.7) Important

- 1.7.1) Avoid exposing the device to sources of heat and contact with substances chemical. Reduce direct exposure to the sun, in particular for textile and plastic devices. Low temperatures and humidity can facilitate the formation of ice, make it difficult to make connections,
- reduce flexibility, as well as increasing the risk of breakage, cutting and abrasion.

 1.7.2) The position of the anchor is fundamental for arresting a fall safely: carefully assess the clearance under the user, the height of a 1.7.2) The position of the arthorous fundamentation ariesting a rain safety. Carefuny assesss the destarted under the uner in elsey, the height of the user, and the "pendigition" optional at fail, the stretch of the line/rope, the deployment of an eventual energy absorber, the height of the user, and the "pendigition" effect, in order to avoid any possible obstacle (eg the ground, the rubbing, abrasions, etc.).
 1.7.3) The minimum strength of the anchor points shall be at least 12 kN, both made on natural and artificial elements. The evaluation of
- those made on natural elements (rock, plants, etc.) are only possible in an empirical way, so it shall be carried out by a trained and experienced person. For those made on elements artificial (metal, concrete, etc.), the evaluation can be carried out scientifically, therefore it shall be carried out by a trained and uthorized person.

- It shall be carried out by a trained and authorized person.

 1.8) Warning

 Warning

 1.8.1) Prolonged suspension, especially if inert, can cause damage irreversible and even death.

 1.8.2) It is absolutely forbidden to modify and / or repair the device, outside than what is prescribed in this information.

 1.8.3) If the user has the slightest doubt about the efficiency of the device shall replace it immediately, particularly after using it to stop a fall.

 1.8.4) This device shall only be used by users medically fit, trained (and educated) for use or under direct control of trainers / supervisors.

 1.8.5) Rook and ice climbing, descents and abselis, the "via ferrata", speleology and caving, ski-mountaineering, caryoning, exploration, rescue, tree climbing and work at height are all high-risk activities that may involve even fatal accidents. The user assumes all risks arising from the practice of these activities and the use of all our devices.

 1.8.6) Laboratory tests, checks, inspections, information and standards do not always succeed to reproduce the practice, so the results obtained in real life conditions of use of the device may sometimes differ significantly. The best indications are provided by the continuous use and practice under the supervision of competent / experienced / qualified persons.

 1.8.7) This information concerns the description of the features, performances, assembly, disassembly, maintenance, conservation, disinfection, etc. of the device. Even if they contain some suggestions for use, should not be considered an operating manual in real situations (as well as a maintenance manual of a car does not teach driving and does not replace driving school).

 2 WORK AT HEIGHT

- 2.1) Additional information for individual fall protection systems in the context of work at height. 2.2) For safety purposes, in these systems is essential to:
- 2.2) For safety purposes, in these systems is essential to: -carry out risk assessment and ensure that the entire system, of which this device is only one part, is both reliable and safe; -prepare a rescue plan to deal with any emergencies that could arise while using the device; -position the anchor device or the anchor point as high as possible; -minimize the height of potential falls; -use devices that are suitable for the purpose and certified.
 2. Unproduct it is full accordance to the purpose and certified.

- 2.3) Important: in a fall arrest system it is mandatory to use a full body harness being the only device suitable for this use and this device

- 2.3) Important: in a fall arrest system it is mandatory to use a full body harness being the only device suitable for this use and this demust comply with current regulations.

 3 STORAGE AND MAINTENANCE
 3.1) Store the device in a dry place (relative humidity 40-90%), fresh (temperature 5-30 ° C) and dark, chemically neutral (avoid absc saline and / or acid environments), away from sharp edges, corrosive substances or other possible prejudicial conditions.
 3.2) Transport the device considering the precautions foreseen for storage and limit direct exposure to sunlight and moisture.
 3.3) Maintain the device as follows:

 wash frequently with warm drinking water (30 ° C), possibly with the addition of a neutral detergent;

 rinse and leave to dry, avoiding spinning and direct exposure to the sun;

 only for metal components, lubricate the moving parts with silicone-based oil after drying, avoiding contact with textile parts.
 3.4) If necessary, disinfect by soaking the device for an hour in warm water with sodium hypochloride diluted 1% (bleach). Rinse thon with drinking water, and, without spinning, leave to dry without exposure direct to the sun. Avoid autoclainly the textile devices.

 4 CONTROLS AND INSPECTIONS
 4.1) Users safely depends on continuous efficiency, integrity and strength of the device, which it is necessary to monitor through the
- 4.1) User safety depends on continuous efficiency, integrity and strength of the device, which it is necessary to monitor through the controls and the prescribed inspections.
 4.2) Before and after use the user must carry out all the checks described in specific information, and in particular make sure that the
- device is:
 in optimal conditions and that works properly;
 suitable for use in accordance with these instructions (any other use is considered non-compliant and therefore potentially dangerous).
 4.3) Except for more restrictive legal requirements, inspections of Category III devices shall be carried out:
 at least every 12 months starting from the first use;
 the time interval between inspections can be reduced according to the type, the frequency and the environment of use;
 by a competent person (therefore formed and authorized by the manufacturer, eg a "KONG PPE Inspector") in strict compliance with the manufacturer is instructions.
 4.4) The results of periodic inspections must be recorded on the form inspection of the device or on a designated register.

WWW.KONG.IT

Read and always follow the information supplied by the manufacturer Leggere e seguire sempre le informazioni fornite dal fabbricante

Toujours lire et suivre les informations fournies par le fabricant

Die Angaben des Herstellers müssen immer gelesen und befolgt werden

5

- 5 DEVICE LIFE
 5.1) The lifespan of the metal components is indefinable, theoretically unlimited, while those affected by aging report the expiration date over which the device shall be replaced. This provided that:

 the device was not used to stop a fall;
 the methods of use comply with the information in this information;
 storage and maintenance are carried out as described in point 3;
 the results of pre- use and post-use controls are positive;
 the results of periodic inspections are positive;
 the results of periodic inspections are positive;
 the device is used correctly not exceeding the marked MBS of 1/4 for metal devices or of 1/10 polymer/mixed devices.
 5.2) Discard the devices used to stop a fall or which have not passed pre-use or post-use controls, or periodic inspections.
 5.3) Improper use, deformations, falls, wear, chemical contamination, exposure to temperatures below -30 °C or above +50 °C for textile/plastic parts/devices and + 120 °C (eg autoclave) for metal devices, are some examples of other causes that can reduce, limit and terminate the life of the device.
- I AW OBI IGATIONS
- 6-1 Professional, recreational and competition activities are often regulated by specific laws or regulations that may impose limits and/or requirements for the use of PPE and the preparation of safety systems, of which PPE are components.
 6.2) It is duty of the user to know and apply these laws which could provide for limits different from those reported in this information.
- 7 GUARANTEE
 7.1) The manufacturer guarantees the conformity of the device to the regulations in force at the time of production. The warranty for defects is limited to the defects of raw materials and manufacturing, does not include normal wear and tear, oxidation or damage caused by improper use and/or in competitions (where they are not specifically accepted by the organization of the same), from incorrect maintenance, transport, storage or storage, etc. The warranty expires immediately if the device is modified or tampered with.
 7.2) The validity corresponds to the legal guarantee of the country in which the device was sold, starting from the date of sale of the new product. After this period no claim can be made against the manufacturer.
 7.3) Any request for repair or replacement under warranty must be accompanied by a proof of purchase. If the defect is recognized, the manufacturer will commits to repair or, at its discretion, to replace or refund the device. In no case the manufacturer's liability extends beyond the invoice price of the device.
 8. SPECIFIC INFORMATION
 Category III Personal Protective Equipment, 411 "X-LARGE" series of connectors are:
 9. openable devices which enable the user to assemble a system in order to link himselfibreself directly or indirectly to an anchor, or to link other devices;
 1. parts of a system protection/graventing against the impact created by falls from a height: - GUARANTEE

- other devices;
 parts of a system protecting/preventing against the impact created by falls from a height;
 certified according to standards EN 362:2004.
 Fig. 1 Gate locking devices functioning (C1, C3) These devices prevent the accidental opening of the gate (B).
 Fig. 2 Major strength direction Avoid loading the device along the minor axis.
 Fig. 3 Force composition Estimate the real load applied before using this device. This load shall not exceed ¼ of the load marked on the
- Fig. 4 Bar installation The bar limits movement of the connected devices. Bar versions must be used only after this operation (411.L50, 411.O50, 411.T50, 411.Y50) .
- Fig. 5 Examples of wrong and dangerous use. Checks before and after use Before and after use, make sure that the device is in an efficient condition and that it is working properly, in
- it is suitable for the intended use

- it is suitable for the intended use;
 has not been mechanically deformed;
 does not show cracks, wear, corrosion and oxidation;
 the gate locking device (C1, C3) works correctly;
 mobile parts move or rotate without excessive resistance;
 markings are legible;
 the gate (B) shall:
 when actuated, open completely;
 when released, close completely and automatically.
 It is recommended to periodically clean and lubricate mobile parts (B and C) with a moderate amount of silicon-based oil.

- Before use and in a position that is completely safe, on each occasion check that the device holds correctly by putting your weight on it. Important: keep in mind this device length in fall arrest systems

- keep in mind this devoice length in fall arrest systems;
 do not open the gate (B) when a load is applied to this device;
 keep in mind possible accidental openings (e.g. due to shock, vibrations, falls, etc.);
 type Q connectors should only be used where the need of connections is infrequent;
 systems that require frequent opening and closing it is recommended to use model with an automatic gate locking device (C3);
 this device shall be free to move and position itself in the foreseeable direction of load application, with the gate (B) always perfectly closed;
 asset the suitability of the chosen anchor point according to the intended application (e.g. dimension of the attachment point, strength,
- naterials, etc.).

- Warning:

 never grip on this device as aid in climbing;

 do not apply loads while this device gate (B) is open;

 the foreseable load direction must be close as possible to the major strength direction;

 connection with wide elements reduce this device strength and can compromise closing and locking of the of the gate (B).

CONNECTORS

TRACEABILITY

Numero di lotte Numéro de lot Chargennumm - LLLLLL MMYY XXXX **SYMBOLS USED**

Correct use - Uso corretto - Utilisation correcte - Sachgemäßer Gebrauch - Uso correcto - Utilização correta Wrong use - Uso errato - Mauvaise utilisation - Unsachgemäßer bzw. falscher Gebrauch - Uso equivocado

Utilização incorreta Attention, not allowed - Attenzione, non consentito - Attention, non autorisé - Achtung, nicht erlaubt Atención, no permitido - Atenção, não permitido Δ

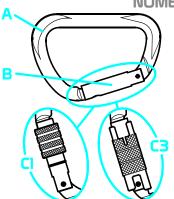
Danger of death - Pericolo di morte - Danger de mort - Todesgefahr - Peligro de muerte - Perigo de morte (T Anchor point - Punto di ancoraggio - Point d'ancrage - Anschlagpunkt - Punto de anclaje - Ponto de ancoragem

Manoeuvre with the need of manual control - Manovra con necessità di controllo manuale - Manoeuvre avec nécessité d'un contrôle manuelle Manöver mit einer erforderlichen manuellen Kontrolle - Maniobra con necesidad de control manual - Manobras com necessidade de controlo Attached person - Persona collegata - Personne rattachée - Verbundene Person - Persona enganchada

Load - Carico - Charge - Belastung - Carga - Carga

Pessoa ligada

NOMENCLATURE



EN: (A) Body, (B) Gate, (C) Gate locking device, (C1) Manual screw sleeve, (C3) Automatic sleeve. Main material: carbon steel.

IT: (A) Corpo, (B) Leva, (C) Dispositivo di bloccaggio della leva, (C1) Ghiera manuale a vite, (C3) Ghiera automatica. Materiale principale: acciaio al carbonio

FR: (A) Corps (B) Levier (C) Dispositif de rk: (A) Colps, (B) Levier, (C1) Ispositif de verrouillage du levier, (C1) Bague manuelle à vis, (C3) Bague automatique.

Matériau principal : acier au carbone.

DE: (A) Körper. (B) Hebel. (C) Manueller Schraubring, (C1) Manueller Schraubring, (C3) Automatischer Ring.

Hauptmaterial: Kohlenstoffstahl

ES: (A) Cuerpo, (B) Palanca, (C) Dispositivo de bloqueo de la palanca, (C1) Anilla manual con tornillo, (C3) Anilla automática. Material principal: acero al carbono

PT: (A) Corpo, (B) Alavanca, (C) Equipamento de bloqueio da alavanca, (C1) Porca manual, (C3) Porca de anel automática. Material principal: aço-carbono.

MARKINGS

	411 X-LARGE	
CODE	VERSION	
411.L00	SCREW	26
411.L50	SCREW + BAR	26
411.000	AUTOBLOCK ANSI	25
411.050	AUTOBLOCK ANSI + BAR	25
411.T00	TWIST LOCK ANSI	25
411.T50	TWIST LOCK ANSI + BAR	25
411.Y00	AUTOBLOCK	25
411.Y50	AUTOBLOCK + BAR	25
411.Z00	TWIST LOCK	25

3

STANDARD EN362:04

Conformity to EN362:2004 r use in fall arrest systems, work positioning, Conformità alla norma EN362:2004 ettori per l'uso in sistemi di arresto caduta, di pos trattenuta, di accesso su fune Selon la norme EN362:2004

Selon la norme ENISE2.2004

onnecleurs pour l'utilisation dans les systèmes antichute, de positionner
travail, de retenue, d'accès par corde
Konformital gemäß ENISE2.2004

Verbindungselemente zur Anwendung an Systemen zur Absturzsicherur
Arbeitspositionierung, Rückhaltesystemen, Selzugangssystemen
Conformidad con la ENISE2.2004

Conectores para uso en sistemas de detención de caídas, posicionamie

el trabajo, retención, acceso con cuerda Conformidade com EN362:2004

de trabalho e de restrição, sistemas de acesso por cabo

411.000 411.050 411.T00 411.T50 MEETS ANSI Z359.12

CLASSES / M

Base connector	Multiuse connector	Terminal connector
Connettore base	Connettore multiuso	Connettore terminale
Connecteur de base	Connecteur multifonctionnel	Connecteur d'extrémité
Basiskarabiner	Mehrzweck-Karabiner	Endverbindungselement
Conector base	Conector multi uso	Conector terminal
Conector básico	Conector multiuso	Conector terminal
VERSIONS:	VERSIONS:	VERSIONS:
411.L00	411.000	411.L50
411.Y00	411.T00	411.050

MINIMUM BREAKING STRENGTH MBS kN **◆▶** 50



\$16



umero progressivo nel lotto Numéro de série dans le lot

Carico minimo di rottura lungo l'asse minore Charge de rupture minimale le long du plus petit axe Mindestbruchlast an der kürzeren Achse Carga de rotura mínima a lo largo del eje menor Carga mínima de rutura ao longo do eixo menor



TIP!



TWIST BLOCK



AUTOBLOCK



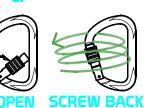
WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive hornor. For more information go to www.P65Warnings.ca.gov. During normal use our connectors of not release hazardous substances. Those may be released during invasive processes where materials change state (e.g. grinding, melting, velding, corrosion), strictly forbidden our devices because greatly affecting performances and invalidating guarantee.

INSPECTION SHEET

2				1	Model - Modello - Modèle - Modell - Modelo				
		-			2	Serial number - Numero seriale - Numéro de série - Seriennummer Número de serie - Número de série			
			4		5		ľ	3	Production date - Data di produzione - Date de production - Herstellungsdatum Fecha de producción - Data de produção
5		7			ĺ	4	Expiring date - Data di scadenza - Date de péremption - Gültigkeitsdatum Fecha de caducidad - Prazo de validade		
3	(C)		10		11	12		5	First use date - Data di primo utilizzo - Date de première utilisation Datum der Erstbenutzung Fecha del primer uso - Data da primeira utilização
								6	User name - Nome utilizzatore - Nom d'utilisateur - Name des Anwenders Nombre del usuario - Nome do utilizador
							ĺ	7	Place of purchase - Luogo di acquisto - Lieu d'achat - Verkaufsort Lugar de adquisición - Local de compra
							ľ	8	Inspection date - Data ispezione - Date de l'inspection - Datum der Inspektion Fecha de Inspección - Data da inspeção
							ľ	9	Result - Risultato - Résultat - Ergebnis - Resultado - Resultado
							ľ	10	Comments - Commenti - Commentaires - Anmerkungen - Comentarios Comentários
									Next inspection before - Prossima ispezione entro - Prochaine inspection avant le Nächste Inspektion innerhalb von - Próxima inspección dentro de - Próxima inspeção dentro de
							ľ	12	Inspector's sign - Firma ispettore - Signature de l'inspecteur - Unterschrift des Prüfers Firma del Inspector - Assinatura do inspetor
							-		

VERSIONS 411.L50 411.T00 411.T50 411.Y00

DRAWINGS



CLOCKWISE THREAD

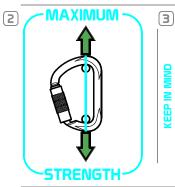


TWIST LOCK







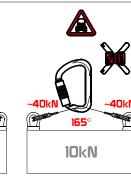


(4)

UNSCREW



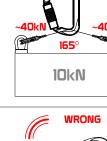
















Descarregue a declaração de conformidade de:

MODULE D

surveillance

NB n° 0068

MTIC InterCert S.r.l.

Via G.Leopardi 14

20123 - Milano (MI) - Italy

www kong it/conformity

type certificate

NB n° 2008 DOLOMITICERT scarl Z.I. Villanova 7/A 32013 Longarone (BL) - Italy

MODULE B

Download the declaration of conformity at Scarica la dichiarazione di conformità a : Télécharger la déclaration de conformité à: Laden Sie die Konformitätserlärung herunter zu: Descargar la declaración de conformidad en:

C € 0068 CERTIFIED BY

2016/425

Regulation (EU)

Lea siempre y respete la información proporcionada por el fabricante Leia e siga sempre as informações fornecidas pelo fabricante According to