

ROPE CLAMPS

EN Handled rope clamps / rope clamps
IT Maniglie da risalita / bloccanti
FR Blocques poignée / bloqueurs
DE Seilklemme mit Griff / Seilklemme
ES Puño bloqueador / Bloqueador



MADE IN ITALY / PATENTED
EN 12841:2006-B / EN 567:1997

89/686/CEE -
Personal Protective Equipment against falls from a height.



ISTI22D639NTS1 Rev.0.03/14

1 MODELS CHART

Product model	Weight
LEFT HANDLED ASCENDER	215 g
RIGHT HANDLED ASCENDER	215 g
CHEST ASCENDER	140 g
ASCENDER	150 g

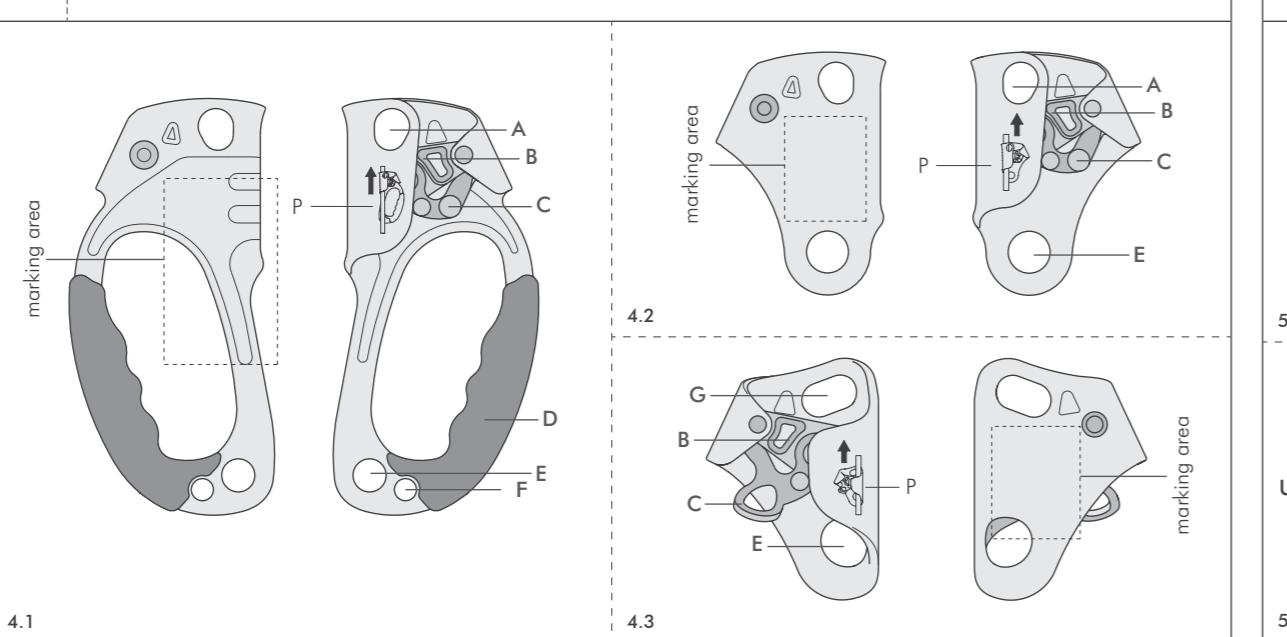
2 ROPE COMPATIBILITY

STANDARD EN 567:1997	ROPE EN 1891 / EN 892 Ø 8+13 mm
STANDARD EN 12841:2006-B	ROPE EN 1891-A Ø 10+13 mm

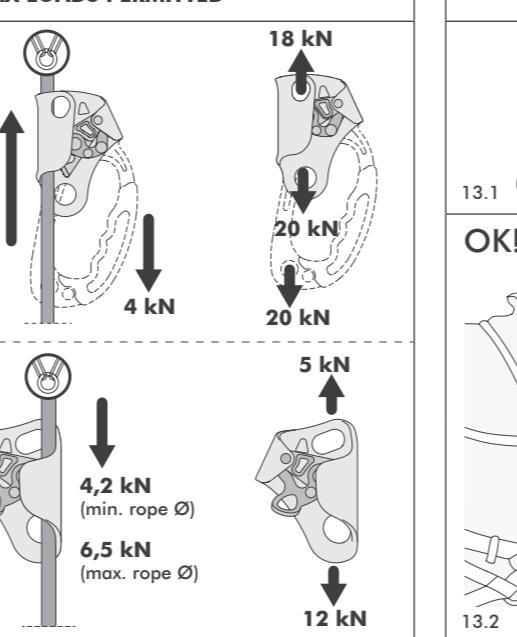
3 LEGEND

3.1 - ANCHOR	3.2 - LOAD	3.3 - HARNESS
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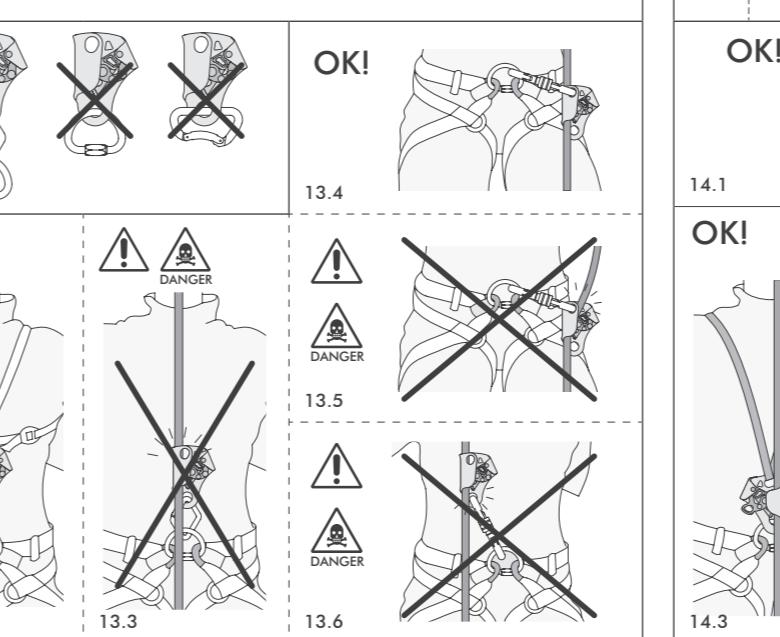
4 MARKING / NOMENCLATURE OF PARTS



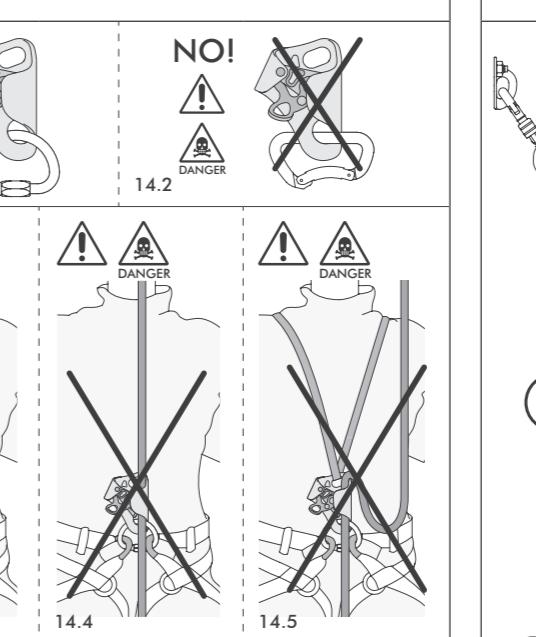
5 PROPER DIRECTION OF USE MAX LOADS PERMITTED



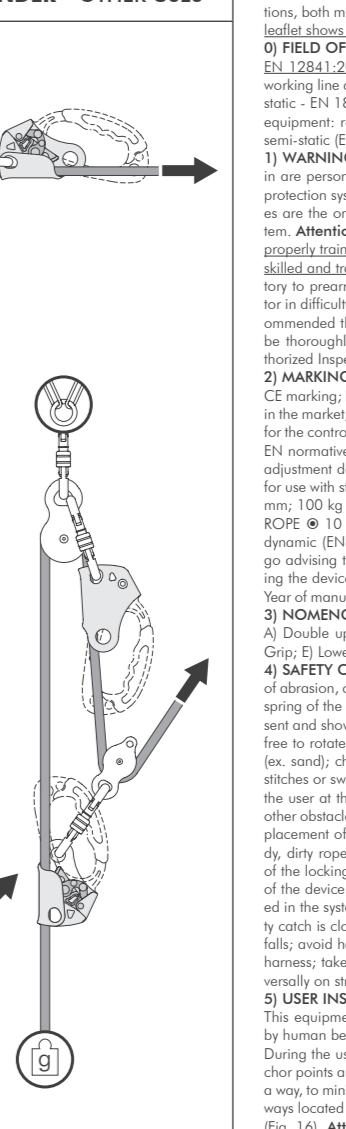
13 ASCENDER - PRECAUTIONS OF USE



14 CHEST ASCENDER- PRECAUTIONS OF USE



15 ASCENDER / HANDLED ASCENDER - OTHER USES



ENGLISH

The instruction manual for this device consists of general and specific instructions, both must be carefully read and understood before use. Attention! This leaflet shows the specific instruction.

0) FIELD OF APPLICATION

EN 12841:2006-B - Rope access system / rope adjustment device type B / working line ascender. Must be used with ropes (core + sheath) static or semi-static - core Ø 8+13 mm; EN 567:1997 - Mountaineering equipment: ascender. Must be used with ropes (core + sheath) static or semi-static (EN 1891) or dynamic (EN 892) Ø ≤ Ø ≤ 13 mm; 100 kg - Maximum work load permitted; EN 567:1997 - Rope clamps; ROPE Ø 10 ≤ Ø ≤ 13 or use with static or semi-static ropes (EN1891) or dynamic (EN892), Ø between 10 and 13 mm; Correct way of use (P); Logo advising the user to carefully read the instruction manual before employing the device; UIAA logo; Country of manufacturing; Batch number (0000); Year of manufacture (last two figures of batch number); Possible serial number.

3) NOMENCLATURE OF PARTS (Fig. 4)

A) Double upper slot; B) Locking cam; C) Opening/safety/release lever; D) Grip; E) Lower slot; F) Bracket attachment slot; G) Upper slot.

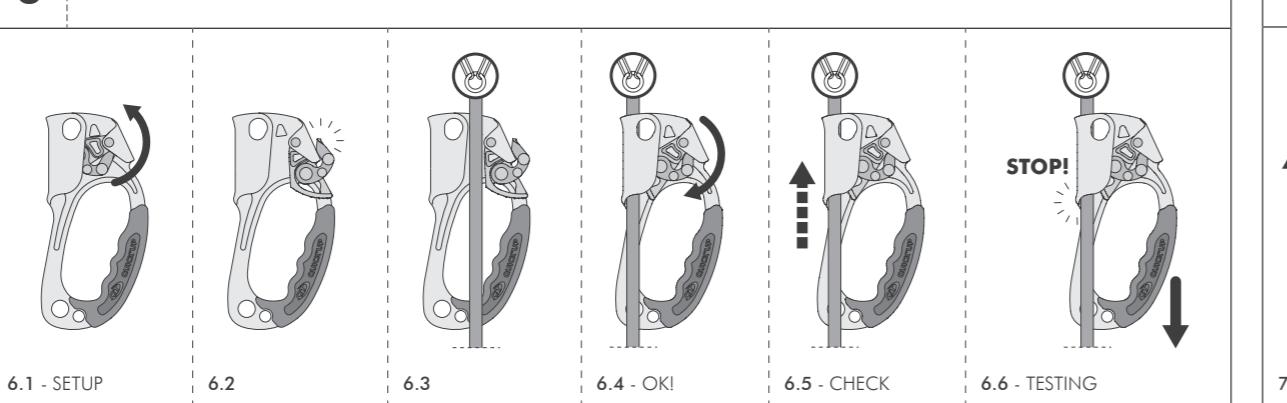
4) SAFETY CHECK LIST

Check carefully before each use, there are no signs of abrasion, cracks, corrosion, or damage. Check that the main body of the device is completely free from any foreign body which may prevent the good working of the locking cam on the rope; regularly check the good working conditions of the device comprising the correct placing of the other components included in the system; make sure the connectors are properly locked and the safety catch is closed; ensure the rope is always in tension to avoid possible falls; avoid having slack rope between the anchor and the attachment on the harness; take great care to prevent the rope coming out when using it transversally on stretched ropes.

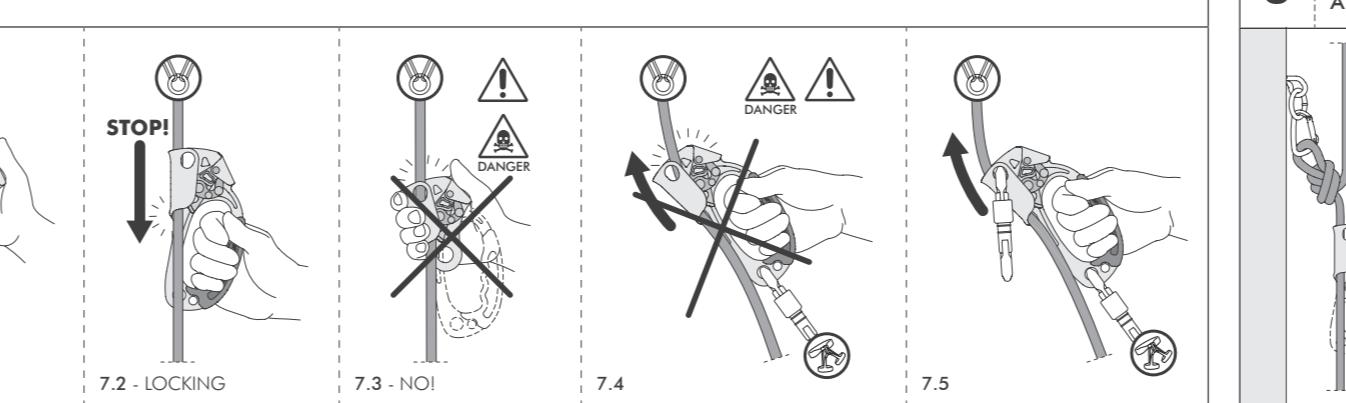
5) USER INSTRUCTIONS

This equipment is meant to be used in normal climatic conditions tolerated by human beings (operating temperature range between -29°C and +40°C). During the use, it is essential for your own safety, that the device and the anchor points are always correctly placed, and that the work is organized in such a way, to minimize the risk of a fall from a height. The anchor point must be always located at or above waist level to minimize the eventual free fall distance (Fig. 16). Attention! Do not use on metal cables or piled ropes. Attention!

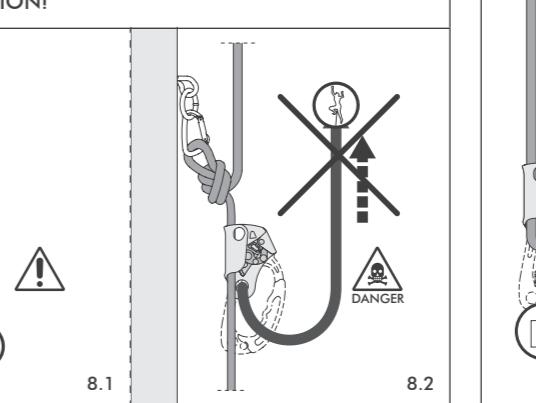
6 ASCENDER / HANDLED ASCENDER - INSTALLATION AND TESTING



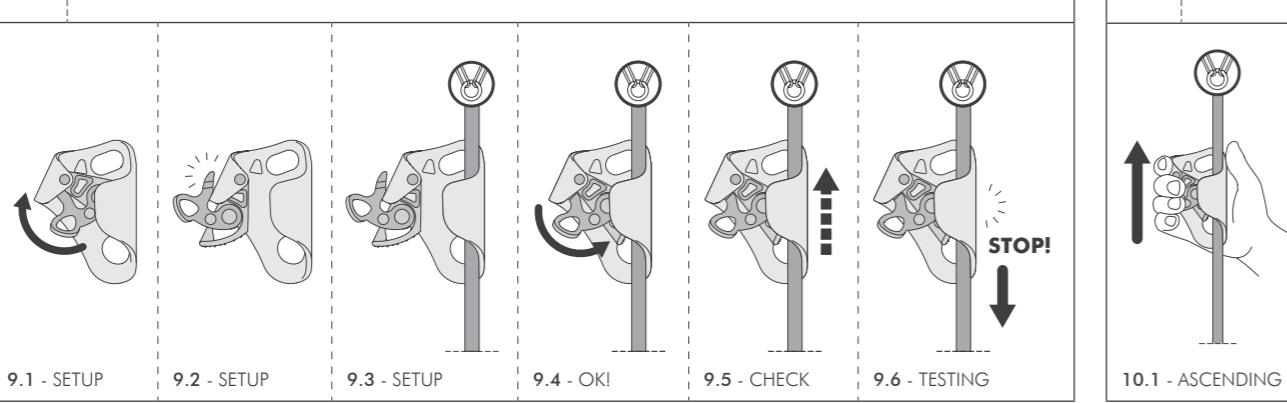
7 ASCENDER / HANDLED ASCENDER - INSTRUCTIONS OF USE



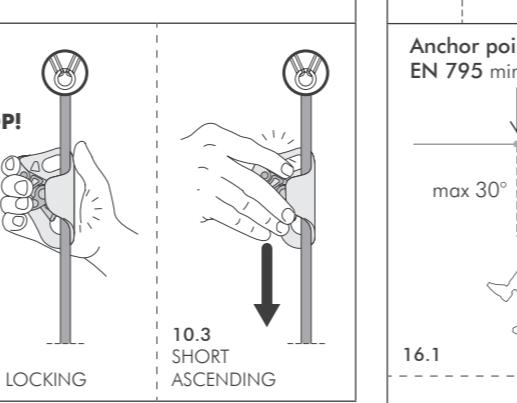
8 ASCENDER / HANDLED ASCENDER - ATTENTION!



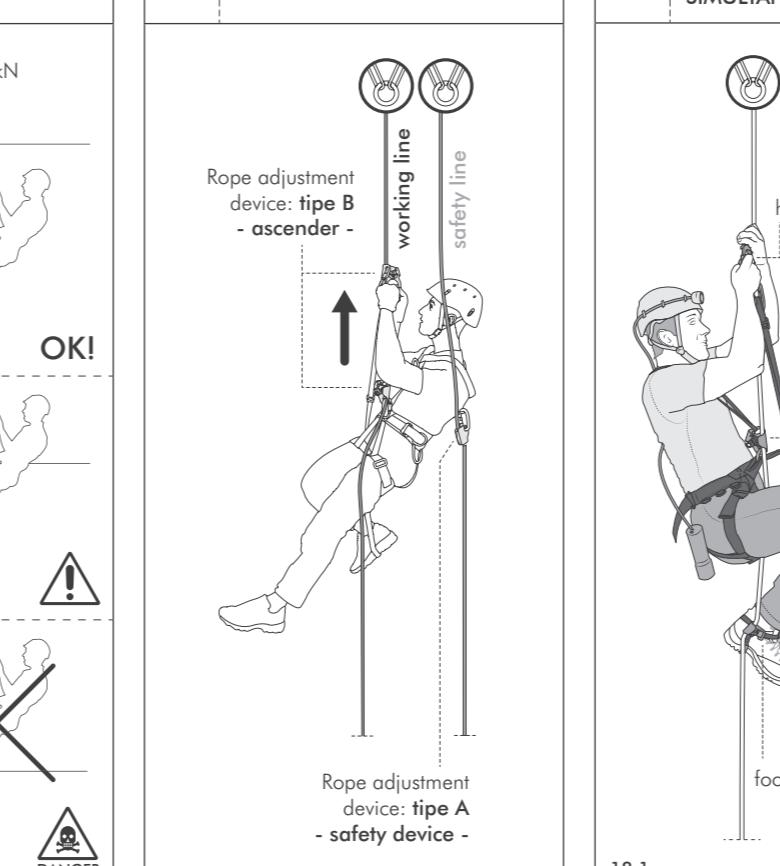
9 CHEST ASCENDER - INSTALLATION AND TESTING



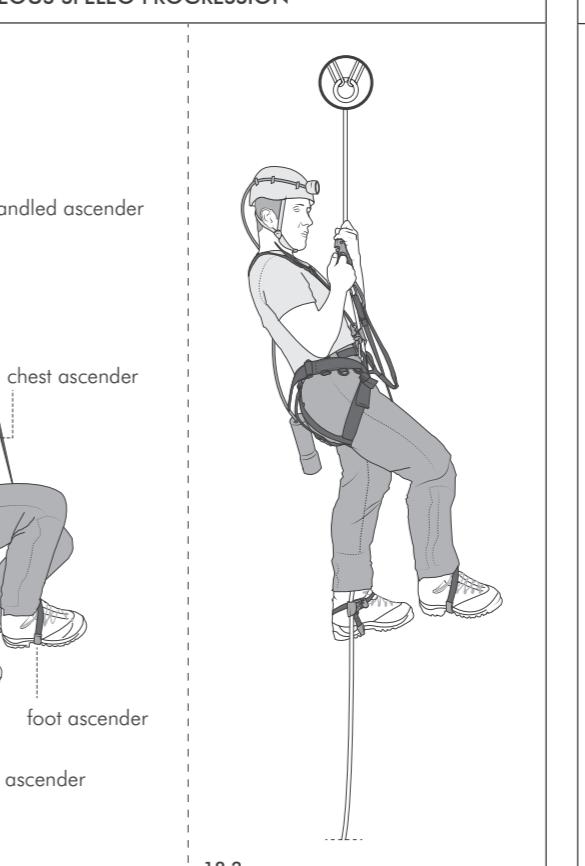
10 CHEST ASCENDER - INSTRUCTIONS OF USE



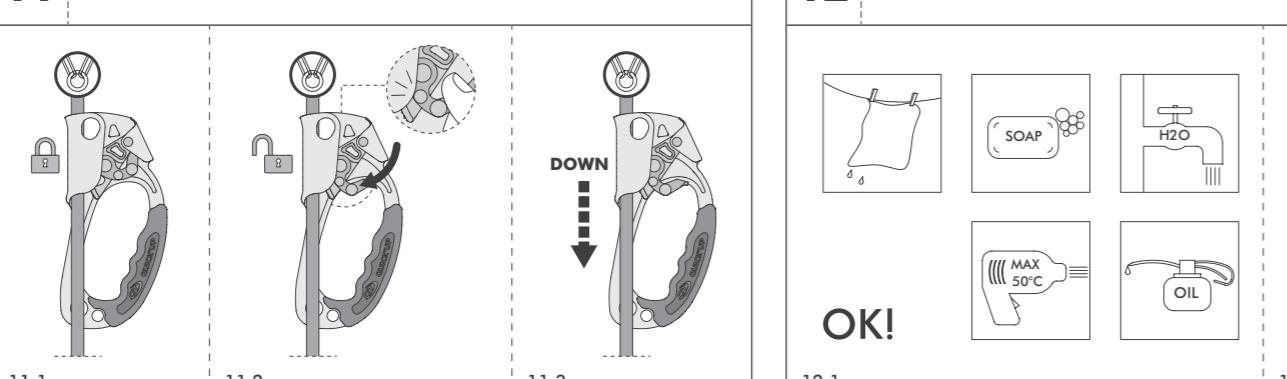
16 ATTENTION!



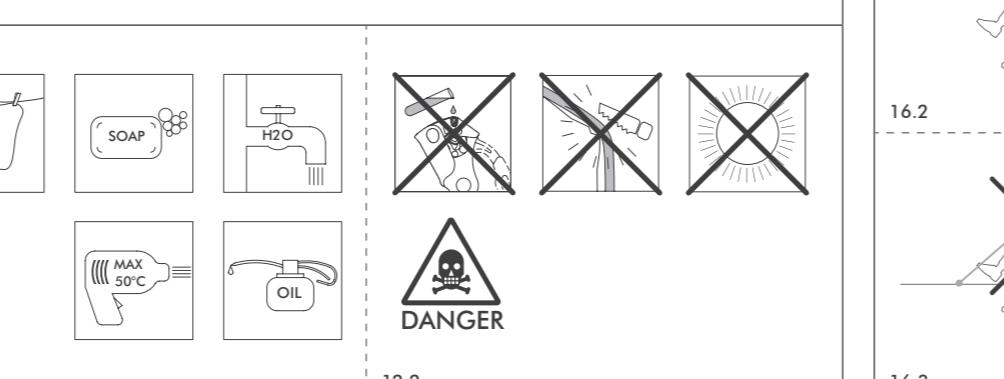
17 ATTENTION!



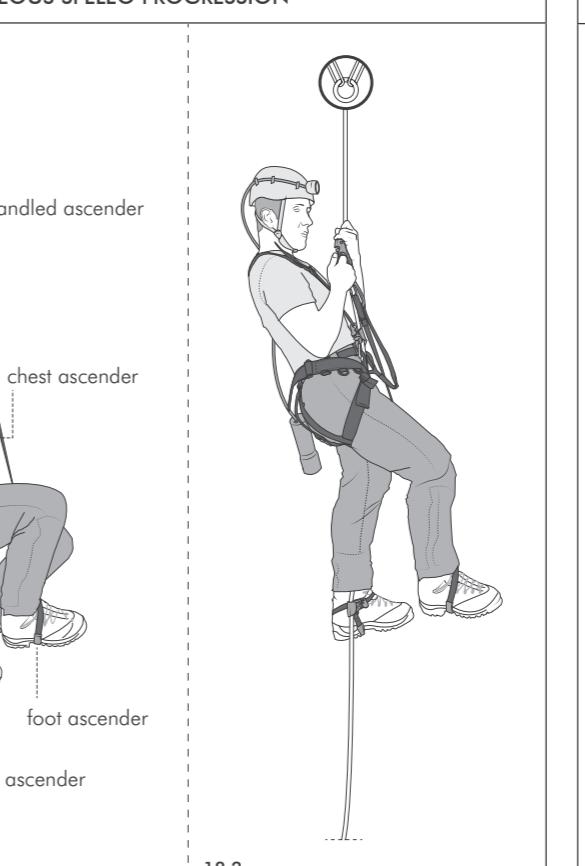
11 PATENT - EASY RELEASE UNDER TENSION



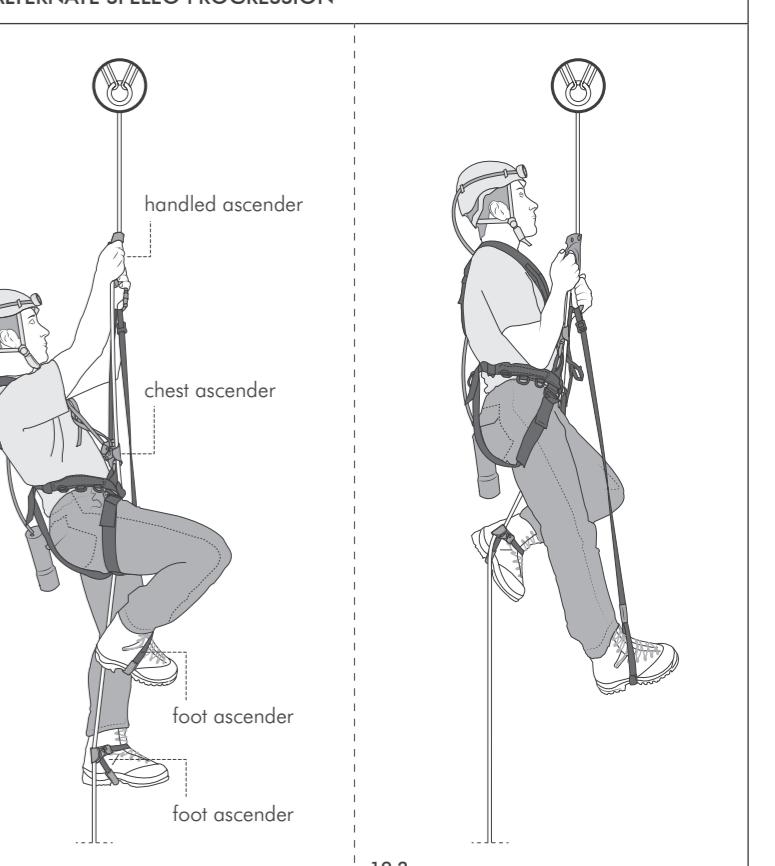
12 WARNINGS



18 ASCENDING A ROPE SIMULTANEOUS SPELEO PROGRESSION



19 ASCENDING A ROPE ALTERNATE SPELEO PROGRESSION



The contact with harmful chemical agents could seriously damage the device.
5.1 - **Inserzione della corda.** Turn the lever to open the com (Fig. 6.1-9.1). Couple the lever with the body of the device (Fig. 6.2-9.2). Insert the rope in the correct up/down direction (Fig. 6.3-9.3) and release the lever to close the com (Fig. 6.4-9.4).

5.2 - Function testing. Run a locking test to make sure the rope is in the right direction (Fig. 6.5-6.9.5-9.6). Release the load from the device to open it and release the rope. To facilitate com opening, push the rope clamp upwards and operate the lever at the same time.

5.3 - Ascent (with the aid of another suitable device). The device runs freely upwards (Fig. 7.1-10.1) and locks in position (Fig. 7.2-10.2). Be careful when approaching the anchor and/or fraction points (Fig. 8.1). In no case should the rope clamp be used when the potential fall factor is less than 1, i.e. the user must stay at all times below the device and/or the anchor point (Fig. 8.2). **Attention!** A fall factor greater than 1 may cause the rope to break.

5.4 - Fall control. Turn the lever to open the com (Fig. 6.1-9.1). Only for Handed ascender/Ascender models: In order to ascend on a vertical cable, pull downwards the lever to open the rope (Fig. 7.2). In order to descend on a non-vertical rope, you must constrain the direction of the rope by inserting a com into the top double slot (Fig. 7.5). Only for ascender/Ascender models: Secure the device to the rope (Fig. 8.1). Do not exceed the maximum capacity of the device with a lock-in position (Fig. 8.2).

5.5 - Release under load (PATENTED). The device comes with a mechanism that enables it to open even when it is not possible to relieve the load completely. Move the ratchet grip inward to turn the cam and move it away from the rope, which allows it to release the load (Fig. 11.1-11.3). The force applied depends on the load on the device, but it must always be enough to prevent any accidental opening. With this system the device does not open if the load applied (e.g. the weight of an operator) is too high. Releasing in the presence of an excessive load may damage the rope slightly.

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5.7 - Handled ascender / Ascender - Other types of use. Some of the operating modes of this device are shown in chapter 5.4. User safety when ascending stairs, ramps or during climbs. B) Construction of routes for rescue and first-aid interventions (Fig. 15). C) Using vertical ascents for self-securit-

y (Fig. 13.1-9.1). The rope clamp must be secured to the harness using the two upper slots, and the rope must pass between the carabiner and the side plate of the device. **Attention!** Avoid set-ups as shown in figure 13.5-13.6. D) Use of the device as a waist strap (Fig. 6.4-9.3). Only for ascender/Ascender models: If the device is used as a waist strap, the device must be placed above the waist belt attachment point of the harness; the technical performances of the anchor line might vary considerably, due to dirt, moisture, ice, repeated uses on the same stretch; keep in mind that these variances will influence the behavior of the rope inside the device; max load=100 kg.

6 IN 12841:2006 SPECIFIC INSTRUCTIONS. These equipment are rope adjustment devices type B, for the ascending of a working line. Rope adjustment devices type B are Personal Protective Equipment (PPE) intended to be incorporated in a rope access system. Rope adjustment devices must not be used for fall arrest. An anchor line loaded with the entire weight of the user, has to be considered a work line and is not meant to arrest a fall. It is mandatory to use a fall arrest back-up device type A connected to a safety line. Pay attention that the back-up system is never loaded on to the work line (Fig. 17). **Warning!** Only anchor points that comply with the EN 1975 standard can be used (maximum strength 12 kN or 18 kN for the anchor line). Never load the anchor line onto a work line (completely or partially) because the anchor line is not designed for this purpose. The configuration of this device, the following ropes have been employed: Teufelberger Patron PLUS Ø 10 mm and Edelrid Rescue Static Ø 13 mm; evad only overboarding or loading on the device because the anchor line; maximum length of the line to extend the harness connection by 1 m (around + connectors + device); during the use, the anchor point must always be placed above the waist belt attachment point of the harness; the technical performances of the anchor line might vary considerably, due to dirt, moisture, ice, repeated uses on the same stretch; keep in mind that these variances will influence the behavior of the rope inside the device; max load=100 kg.

6.1 - Periodic check. At least every 12 months (6 months after the first use) or, if practicable, si può operare nel seguente modo: si scarica l'attrezzo dal carico, si apre parzialmente la leva quando sulla stessa verso l'interno, in modo da non spostare il blocco di sicurezza, si fa scendere il bloccante e si riapre il carico (Fig. 10.3-11).

6.2 - Function testing. Run a locking test to verify the correct functioning of the device. **Attention!** Before carrying out the function test, the device must be closed again. The device must be closed again before carrying out the periodic check.

6.3 - Release under load (PATENTED). The device comes with a mechanism that enables it to open even when it is not possible to relieve the load completely. Move the ratchet grip inward to turn the cam and move it away from the rope, which allows it to release the load (Fig. 11.1-11.3). The force applied depends on the load on the device, but it must always be enough to prevent any accidental opening. With this system the device does not open if the load applied (e.g. the weight of an operator) is too high. Releasing in the presence of an excessive load may damage the rope slightly.

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6.5 - Handled ascender / Ascender - Other types of use. Some of the operating modes of this device are shown in chapter 5.4. User safety when ascending stairs, ramps or during climbs. B) Construction of routes for rescue and first-aid interventions (Fig. 15). C) Using vertical ascents for self-securit-

y (Fig. 13.1-9.1). The rope clamp must be secured to the harness using the two upper slots, and the rope must pass between the carabiner and the side plate of the device. **Attention!** Avoid set-ups as shown in figure 13.5-13.6. D) Use of the device as a waist strap (Fig. 6.4-9.3). Only for ascender/Ascender models: If the device is used as a waist strap, the device must be placed above the waist belt attachment point of the harness; the technical performances of the anchor line might vary considerably, due to dirt, moisture, ice, repeated uses on the same stretch; keep in mind that these variances will influence the behavior of the rope inside the device; max load=100 kg.

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6.7 - Handled ascender / Ascender - Other types of use. Some of the operating modes of this device are shown in chapter 5.4. User safety when ascending stairs, ramps or during climbs. B) Construction of routes for rescue and first-aid interventions (Fig. 15). C) Using vertical ascents for self-securit-

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6.8 - Release under load (PATENTED). The device comes with a mechanism that enables it to open even when it is not possible to relieve the load completely. Move the ratchet grip inward to turn the cam and move it away from the rope, which allows it to release the load (Fig. 11.1-11.3). The force applied depends on the load on the device, but it must always be enough to prevent any accidental opening. With this system the device does not open if the load applied (e.g. the weight of an operator) is too high. Releasing in the presence of an excessive load may damage the rope slightly.

6.9 - Handled ascender / Ascender - Other types of use. Some of the operating modes of this device are shown in chapter 5.4. User safety when ascending stairs, ramps or during climbs. B) Construction of routes for rescue and first-aid interventions (Fig. 15). C) Using vertical ascents for self-securit-

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6.10 - Release under load (PATENTED). The device comes with a mechanism that enables it to open even when it is not possible to relieve the load completely. Move the ratchet grip inward to turn the cam and move it away from the rope, which allows it to release the load (Fig. 11.1-11.3). The force applied depends on the load on the device, but it must always be enough to prevent any accidental opening. With this system the device does not open if the load applied (e.g. the weight of an operator) is too high. Releasing in the presence of an excessive load may damage the rope slightly.

6.11 - Handled ascender / Ascender - Other types of use. Some of the operating modes of this device are shown in chapter 5.4. User safety when ascending stairs, ramps or during climbs. B) Construction of routes for rescue and first-aid interventions (Fig. 15). C) Using vertical ascents for self-securit-

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6.12 - Release under load (PATENTED). The device comes with a mechanism that enables it to open even when it is not possible to relieve the load completely. Move the ratchet grip inward to turn the cam and move it away from the rope, which allows it to release the load (Fig. 11.1-11.3). The force applied depends on the load on the device, but it must always be enough to prevent any accidental opening. With this system the device does not open if the load applied (e.g. the weight of an operator) is too high. Releasing in the presence of an excessive load may damage the rope slightly.

6.13 - Handled ascender / Ascender - Other types of use. Some of the operating modes of this device are shown in chapter 5.4. User safety when ascending stairs, ramps or during climbs. B) Construction of routes for rescue and first-aid interventions (Fig. 15). C) Using vertical ascents for self-securit-

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6.14 - Release under load (PATENTED). The device comes with a mechanism that enables it to open even when it is not possible to relieve the load completely. Move the ratchet grip inward to turn the cam and move it away from the rope, which allows it to release the load (Fig. 11.1-11.3). The force applied depends on the load on the device, but it must always be enough to prevent any accidental opening. With this system the device does not open if the load applied (e.g. the weight of an operator) is too high. Releasing in the presence of an excessive load may damage the rope slightly.

6.15 - Handled ascender / Ascender - Other types of use. Some of the operating modes of this device are shown in chapter 5.4. User safety when ascending stairs, ramps or during climbs. B) Construction of routes for rescue and first-aid interventions (Fig. 15). C) Using vertical ascents for self-securit-

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7 LEGENDA. Anchorage (Fig. 3.1); Load (Fig. 3.2); Harness (Fig. 3.3).

ITALIANO

Le istruzioni d'uso di questo dispositivo sono costituite da un'istruzione generale e da una specifica ed entrambe devono essere lette attentamente prima dell'utilizzo. **Attenzione!** Questo foglio costituisce solo l'istruzione specifica. **O CAMPO DI APPLICAZIONE.** EN 12841:2006-B - Dispositivo di regolazione della fune - risalite. Da utilizzare con corde (anima + calza) statiche o semistatiche - EN 1891 tipo A 10 ≤ Ø ≤ 13 mm. EN 567:1997 - Attrezzi per alpinismo - bloccante. Utilizzarlo con corde (anima + calza) statiche o semistatiche (EN 1891) o dinamiche (EN 892) Ø 8 ≤ Ø ≤ 13 mm. **1 AVVERTENZE E RESPONSABILITÀ.** I blocchante interessati dalle seguenti istruzioni sono dispositivi di protezione individuale (DPI) destinati ad essere integrati in sistemi di protezione contro le cadute, per esempio imbracature e funi; le imbracature complete sono gli unici dispositivi di contenimento per il corpo che possono essere impiegati in un sistema di arresto pendente. **Attenzione!** L'impiego di questo prodotto è riservato a persone competenti ed addestrate o a persone sotto la supervisione diretta di persone competenti ed addestrate. Prima di intraprendere un lavoro in fune; va predisposta una procedura di soccorso efficace per il recupero dell'operatore in difficoltà; informare l'utilizzatore dell'esistenza della procedura di soccorso predisposta. Inoltre; si dovrà prescrivere, se necessario, che il prodotto venga consegnato individualmente all'utilizzatore, oppure si dovrà sottoporre il prodotto a con-

trollo da parte di personale competente e abilitato prima e dopo l'uso. **2 MARCATORI.** Fig. 4. Sull'attrezzo sono riportate le seguenti indicazioni: Marca CE; Nome del costruttore o del responsabile dell'immissione sul mercato; Modello del prodotto; 0333 - Numero dell'organismo che interviene durante la fase di controllo della produzione; Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi di accesso con fune / Dispositivo di regolazione della linea di ancoraggio; EN 1891 tipo A, Ø 8-13 mm; EN 567:1997 - Attrezzi per alpinismo - bloccante ROPE Ø 8 ≤ Ø ≤ 13 - da usare con corde statiche certificate secondo EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B - Sistemi per salire su una corda; Dispositivo di regolazione dell'imbracatura; EN 1891 tipo A, Ø 10 - 13 mm; 100 kg - carico massimo consentito; EN 892 tipo A, Ø 8 - 13 mm; 100 kg - carico massimo consentito); Numero, anno e caratteristiche delle norme EN di riferimento (EN 12841:2006-B -

