



ASCENSION WORK SOLUTIONS

(EN) Handled rope clamp/grab
(FR) Bloqueur poignée

CE 0082

EN12841:2006
EN567:1997

NFPA 1983 - 2012 ED.



195 g

WARNING

Activities involving the use of this equipment are inherently dangerous. You are responsible for your own actions and decisions.

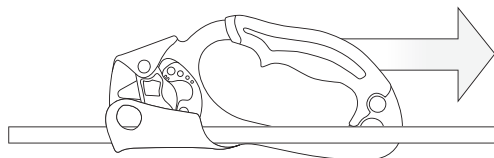
Before using this equipment, you must:

- Read and understand all Instructions for Use.
- Get specific training in its proper use.
- Become acquainted with its capabilities and limitations.
- Understand and accept the risks involved.



FAILURE TO HEED ANY OF THESE WARNINGS MAY RESULT IN SEVERE INJURY OR DEATH.

3 year guarantee
Patented



Breaking strength:

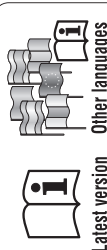
4 kN → 6,5 kN
Ø Ropes



(EN) Rope (core + sheath) Ø 8-13 mm low stretch (EN 1891) or dynamic (EN 892)
(FR) Corde (âme + gaine) Ø 8-13 mm statique (EN 1891) ou dynamique (EN 892)
(DE) Seil (Kern + Mantel) Ø 8-13 mm statisch (EN 1891) oder dynamisch (EN 892)
(IT) Corda (anima + calza) Ø 8-13 mmstatica (EN 1891) o dinamica (EN 892)
(ES) Cuerda (alma + funda) Ø 8-13 mmestática (EN 1891) o dinámica (EN 892)

EN12841:2006 10 ≤ Ø ≤ 13 mm

EN567:1997 8 ≤ Ø ≤ 13 mm



www.petzl.com

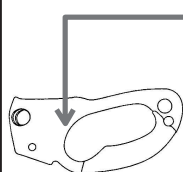
Latest version

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ISO 9001
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TRACEABILITY and MARKINGS

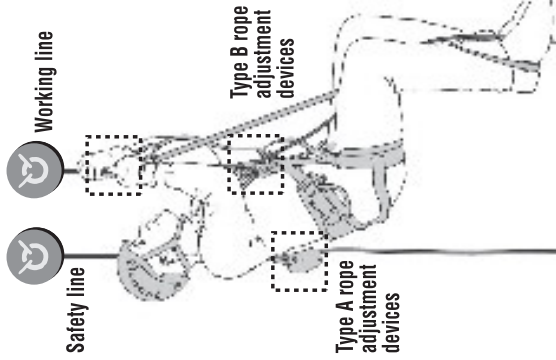


Individual number
Número individual
Individuelle Nummer
Numero individuale

Year of manufacture
Année de fabrication
Herstellungsjahr
Anno di fabbricazione
Año de fabricación
Production date
Jour de fabrication
Tag der Herstellung
Giorno di fabbricazione
Día de fabricación
Control
Incrementation

EN 12841

EN 12841:2006 B
Personal fall protection
equipment
Rope access systems
Rope adjustment
devices
Working line
ascender
Type B rope
adjustment
devices
Type A rope
adjustment
devices
Ropes
10 - 13 mm
100 kg



NFPA CERTIFICATION FOR ASCENSION

B17WLA / B17WRA

The following information only applies to products that are marked "MEETS NFPA..."

THIS ASCENSION MEETS THE AUXILIARY EQUIPMENT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2012 EDITION.

CLASSIFIED
UL
45 YF
MBS 5 kN
T (TECHNICAL USE)
MEETS NFPA 1983 (2012 ED.)

Use only NFPA LIGHT USE or GENERAL USE LIFE SAFETY ROPES, (core + sheath) diameter between 11 mm and 13 mm.

This ASCENSION has passed the holding load test using the following rope: [STERLING, 3/8" HTP Static, P105, 10mm] and [STERLING, 1/2" HTP Superstatic, P1300, 13mm]

After removing the notice from the equipment, make a copy of it and keep the original as part of a permanent record that includes the usage and inspection history for the equipment. Keep the copy of the notice with the equipment and refer to it before and after each use. Additional information regarding auxiliary equipment can be found in NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, and NFPA 1983, Standard on Fire Service Life Safety Rope and System Components.

Only the techniques shown in the diagrams that are not crossed out and/or do not display a skull and crossbones symbol are authorized. Check our Web site regularly to find the latest versions of these documents: www.petzl.com. Contact PETZL if you have any doubt or difficulty understanding these documents.

1 Field of application

This equipment is personal protective equipment (PPE). Rope clamp/grab for ascending rope.

This product must not be loaded beyond its strength rating, nor be used for any purpose other than that for which it is designed.

WARNING

Activities involving the use of this equipment are inherently dangerous.

You are responsible for your own actions and decisions.

Before using this equipment, you must:

- Read and understand all instructions for use.

- Get specific training in its proper use.
- Become acquainted with its capabilities and limitations.
- Understand and accept the risks involved.

Failure to heed any of these warnings may result in severe injury or death.

Responsibility

WARNING, specific training in the activities defined in the field of application is essential before use.

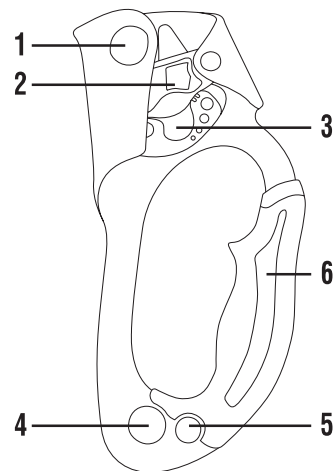
This product must only be used by competent and responsible persons, or those placed under the direct and visual control of a competent and responsible person.

Gaining an adequate apprenticeship in appropriate techniques and methods of protection is your own responsibility. You personally assume all risks and responsibilities for all damage, injury or death which may occur during or following incorrect use of our products in any manner whatsoever. If you are not able, or not in a position to assume this responsibility or to take this risk, do not use this equipment.

2 Nomenclature of parts

(1) Upper connection holes, (2) Cam, (3) Safety catch, (4) Lower connection hole, (5) Hole for etrier, (6) Handle.

Principal materials: aluminum alloy frame, chrome-plated steel cam, nylon catch, dual-density elastomer grip.



3 Inspection, points to verify

Before each use

Verify that the product is free of cracks, deformation, marks, wear, corrosion, etc. Check the condition of the frame, the connection holes, the cam and safety catch, the springs and the cam axle.

WARNING, do not use a rope clamp/grab that has missing or worn-out teeth. Consult the details of the inspection procedure to be carried out for each item of PPE on the Web at www.petzl.com/ppe or on the PETZL PPE CD-ROM. Contact PETZL if there is any doubt about the condition of this product.

During each use

It is important to regularly monitor the condition of the product and its connections to the other equipment in the system. Make sure that all pieces of equipment in the system are correctly positioned with respect to each other.

WARNING, be careful of:

- foreign bodies which can impede the operation of the cam,
- situations where the safety catch can snag and cause the cam to open.

4 Compatibility

Verify that this product is compatible with the other elements of the system in your application (compatible = good functional interaction).

Connectors

Make sure your connectors are compatible with the rope clamp/grab (shape, size, etc.).

Any equipment used with your rope clamp/grab must conform to applicable standards and regulations.

5 Working principle

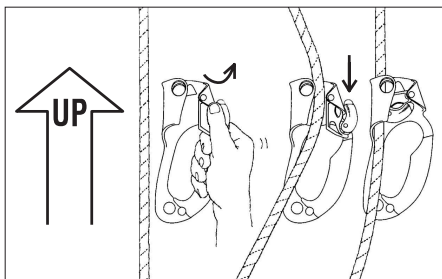
This rope clamp/grab is a device for ascending rope. It slides along the rope in one direction and jams in the other direction.

The cam's teeth initiate a clamping action that pinches the rope between the cam and the frame. The slot in the cam allows mud to be evacuated.

6 Installation on the rope

Pull the safety catch down and lock it on the frame of the device. The cam then stays in the open position.

Put the rope into its place. Pay attention to the Up/Down indicator. Push the safety catch so that the cam presses against the rope. In this position the safety catch helps prevent involuntary opening of the cam.

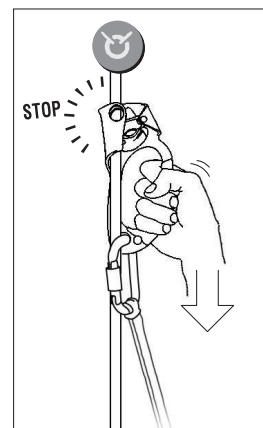


Removing the rope

Move the device up the rope while pulling the safety catch down and out.

7 Function test

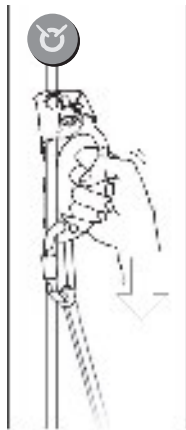
Each time the device is installed onto the rope, verify that it jams in the desired direction.



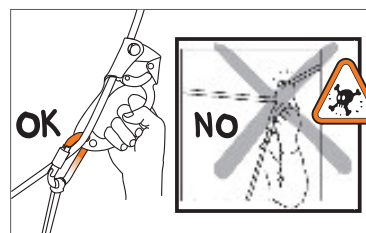
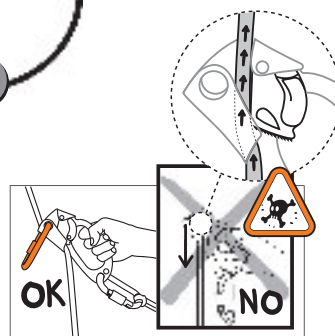
8

Ascending the rope

8a. The handle must be pulled correctly: downward and parallel to the rope. To avoid slippage of the device on rope, do not load it at an angle with the rope.



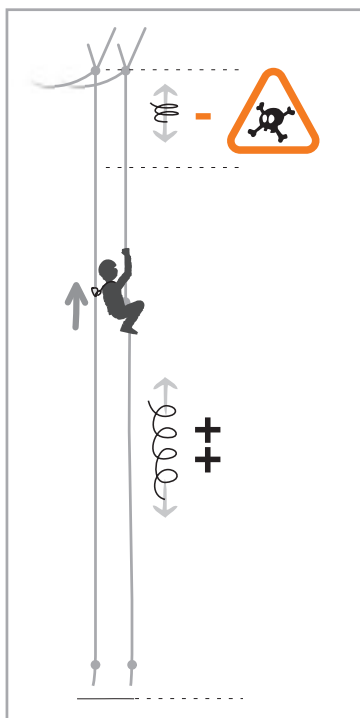
8b. When traversing or passing a rebelay, if you cannot avoid oblique loads on the rope, secure the rope with your lanyard connector or put a connector in the upper connection holes.



8c. Precautions to take when approaching the anchor

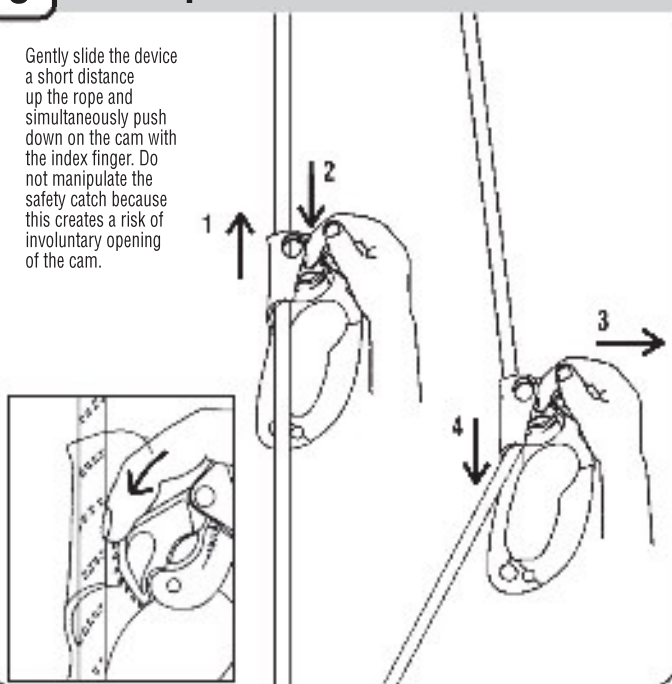
Do not climb above the rope clamp/grab or the anchor point and keep your lanyard under tension.

In case of a fall, the energy is absorbed by the rope. The closer you get to the anchor point, the more the energy-absorbing capacity of the rope is reduced, eventually becoming practically zero. Shock loading must be avoided when close to the anchor.



9 Short rope descent

Gently slide the device a short distance up the rope and simultaneously push down on the cam with the index finger. Do not manipulate the safety catch because this creates a risk of involuntary opening of the cam.



10 Information regarding standards

EN 12841: 2006

The ASCENSION is a type B rope adjustment device used to ascend the work rope.

The ASCENSION must be used with a type A backup device on a second (safety) rope (e.g. ASAP mobile fall arrester for rope).

The ASCENSION is not suitable for use in a fall arrest system.

To satisfy the requirements of EN 12841: 2006 type B standard:

- Use 10-13 mm EN 1891 type A semi-static kernmantel ropes. (Note: Certification testing was performed using BEAL Antipodes 10 mm and EDELWEISS Rescue 13 mm ropes).

- Use a connecting assembly of maximum length 1 m (lanyard + connectors + devices). To reduce the risk of a free fall, the rope between the I'D and the anchor must always be taut.

Do not load the safety line when the working line is under tension.

Shock-loading can damage the anchor line.

Nominal maximum load = 100 kg.

EN 365: 2004

Rescue plan

You must have a rescue plan and the means to rapidly implement it in case of difficulties encountered while using this equipment.

Anchors

The anchor point for the system should preferably be located above the user's position and should meet the requirements of the EN 795 standard (minimum strength of 10 kN).

Various

- When using multiple pieces of equipment together, a dangerous situation can result if the safety function of one piece of equipment is compromised by the operation of another piece of equipment.

- **WARNING DANGER**, take care that your products do not rub against abrasive or sharp surfaces.

- Users must be medically fit for activities at height.

- The instructions for use for each item of equipment used in conjunction with this product must be respected.

- The instructions for use must be provided to users of this equipment in the language of the country in which the product is to be used.

(EN) Accessories /
(FR) Accessoires /
(DE) Zubehör / (IT) Accessori /
(ES) Accesorios

FOOTAPE C47

Adjustable webbing foot loop,
for rope clamping.
Bédais sangle réglable,
pour étreindre.

FOOTCORD C48

Adjustable cord foot loop,
for rope clamping.
Bédais cordelette réglable,
pour étreindre.

FOOTPRO C49

Adjustable angle webbing
foot loop
with ratchet, for rope
clamping.
Bédais sangle large réglable
pour étreindre.
Lever avec manivelle.