

I'D S

(EN) Self-braking descender/belay device
 (FR) Descendeur assureur autofreinant

CE 0082

EN12841:2006
 EN341:1997

NFPA 1983 ed. 2006

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

NFPA CERTIFICATION FOR I'D S

D20 S

THIS I'D S MEETS THE AUXILIARY EQUIPMENT REQUIREMENTS OF NFPA 1983 STANDARD ON FIRE SERVICE LIFE SAFETY ROPE AND EQUIPMENT, 2006 EDITION.



MBS 14 kN
 L (LIGHT USE)
 MEETS NFPA 1983 (2006 ED.)
 45 YF

After removing the instructions for Use 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 instructions for Use 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.

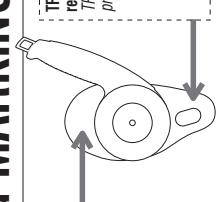
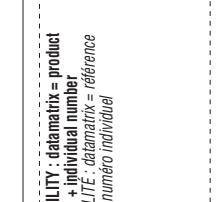
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TRACEABILITY and MARKINGS

 <p>Individual number Numéro individuel Individuelle Nummer Numero individuale Número individual</p> <p>Year of manufacture Année de fabrication Herstellungsjahr Anno di fabbricazione Año de fabricación</p> <p>Production date Jour de fabrication Tag der Herstellung Giorno di fabbricazione Dia de fabricación</p> <p>Control Contrôle Überwachung Controllo Controlo</p>	<p>CE 0082</p> <p>Notified body intervening for the CE type examination Organisme notifié intervenant pour l'examen CE de type Zertifizierungsorganisation für die CE-Typenprüfung Ente riconosciuto che interviene per l'esame CE del tipo Organismo notificado que interviene en el examen CE de tipo</p> <p>APAVE Sud Europe BP 198, 13322 Marseille Cedex 16 N 0082</p>
<p>EN 12841</p> <p>EN 12841 : 2006 C</p> <p>Personal fall protection equipment Working line Rope access systems Rope adjustment devices</p>	 <p>TRACEABILITY : datamatrix = product reference + individual number TRACABILITÉ : datamatrix = référence produit + numéro individuel</p>

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

Rope access descent.

EN 12841 type C rope adjuster.

Evacuating one or more persons.

EN 341: 1997 type A rescue descender.

Belaying

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.

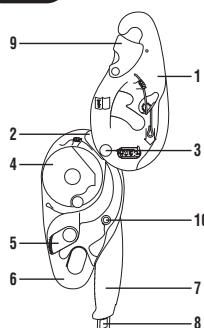
Gaining an adequate apprenticeship in appropriate techniques and methods of protection is your own responsibility.

You personally assume all risks and responsibilities for all damage, injury or death

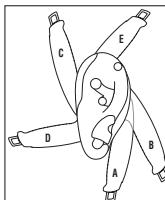
which may occur during or following incorrect use of our products in any manner whatsoever. If you are not able, or not in a position to assume this responsibility or to take this risk, do not use this equipment.

2

Nomenclature of parts

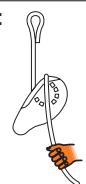


(1) Moving side plate,
(2) Friction plate, (3) Hinge,
(4) Cam, (5) Anti-error catch,
(6) Fixed side plate, (7) Handle,
(8) Horizontal movement button,
(9) Safety gate, (10) Screw for
locking the sideplates and safety
gate for rescue kit.

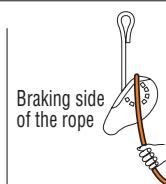


Handle positions:
(a) Transport,
(b) Work positioning,
(c) Descent,
(d) Panic brake,
(e) Belaying.

Terminology :



Brake hand

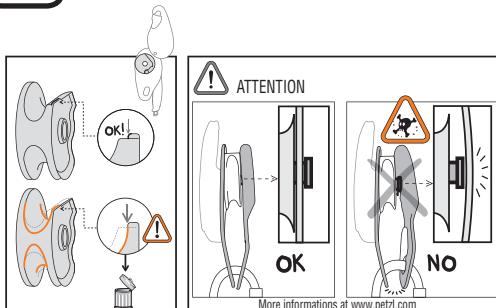


Braking side of the rope

Principal materials:
aluminum alloy (side plates), stainless steel (cam), chrome-plated steel (anti-error catch), nylon (handle).

3

Inspection, points to verify



Before each use

- Verify that it is free of any cracks, deformation, corrosion, etc.
- Make sure the cam is not worn out; when the cam groove becomes worn all the way to the wear indicator, discontinue use of the I'D (see diagram).
- Check the moving side plate for deformation or excessive play: if the side plate can pass over the head of the cam axle, discontinue use of the I'D (see diagram).
- Check the locking components (safety catch, locking screw, axle) and the operation of the springs in the

cam, the safety catch and of the safety cam. Verify that the cam is fully mobile.

- Verify that the horizontal movement button springs back out after it is pressed (position c).

During each use

- Make sure that all pieces of equipment in the system are correctly positioned with respect to each other.
- It is important to regularly monitor the condition of the product and its connections to the other equipment in the system.
- Do not allow anything to interfere with the operation of

the device or its components (cam, catch, etc.). Keep foreign objects out of the I'D.

To reduce the risk of a free fall, the rope between the rope adjuster and the anchor must always be taut.

Consult the details of the inspection procedure to be carried out for each item of PPE on the Web at www.petzl.com/ppe.

Contact PETZL if there is any doubt about the condition of this product.

4

Compatibility

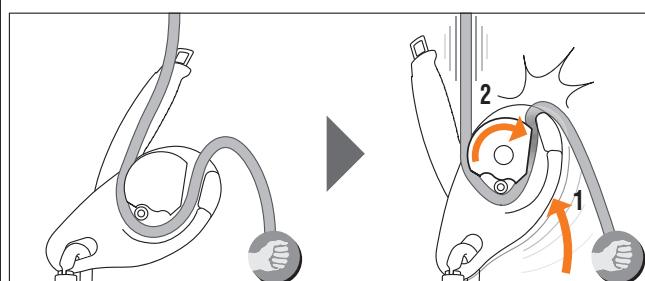
For all of your applications, verify the compatibility of this product with the other elements of your system (compatibility = good functional interaction).

Ropes

WARNING, certain ropes may be slippery: new ropes, small diameter ropes, wet or frozen ropes, etc. Contact Petzl if you are uncertain about the compatibility of your equipment.

5

Working principle



When the rope becomes taut (suspension or fall), the I'D pivots on the carabiner (1) and the cam pinches and brakes the rope (2). By holding the braking side of the rope, the brake hand helps engage the cam.

6

Installing the rope

Connect the I'D S with a locking carabiner.

Open the moving side plate. Put the handle in position (C) to open the cam. Insert the rope as indicated by the diagrams engraved on the device. Close the swinging side plate (safety catch) on the locked carabiner.

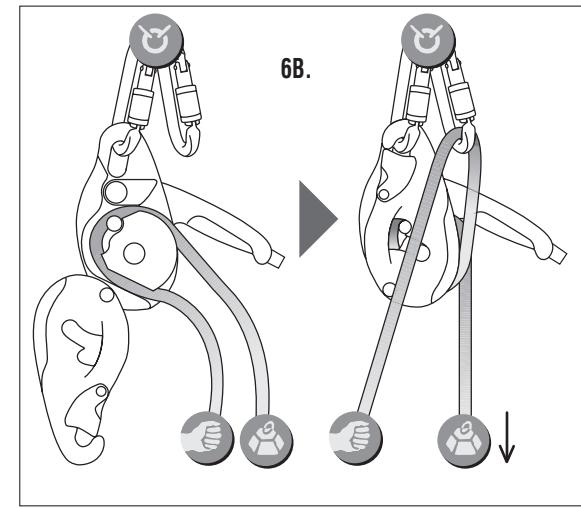
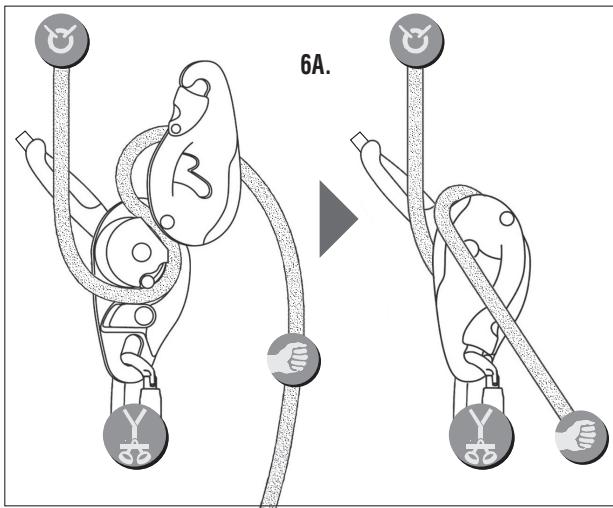
WARNING: the moving side plate must be properly engaged on the cam axle and on the carabiner.

6A. Device on the harness

6B. Device on an anchor

You must add friction by redirecting the braking side of the rope through a carabiner.

Warning, the anti-error catch can trap a rope that is installed backwards, but it does not eliminate all possible errors.



7

Function test

Before each use, verify that the rope is correctly installed and that the device is working properly. You must always use a backup safety system when performing this test.

(*) **WARNING DANGER OF DEATH,** do not allow anything to interfere with the operation of the device or its components (cam, catch, etc.). Any constraint on the device nullifies the braking function.

WARNING, if your device doesn't work anymore (rope slippage), retire it.

7A. Device on the harness

Pull on the anchored side of the rope: the rope must jam in the device. If not, check that the rope is correctly installed.

Gradually put your weight onto the device, (rope taut, handle in position c). With one hand holding the braking side of the rope, gradually pull on the handle with the other hand to allow the rope to slide:

- Descent is possible = rope correctly installed.
- Descent impossible = check the installation of the rope (rope jammed by the anti-error catch).

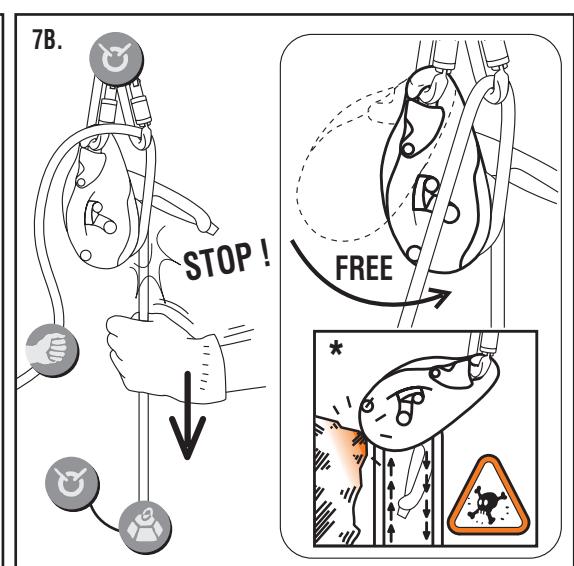
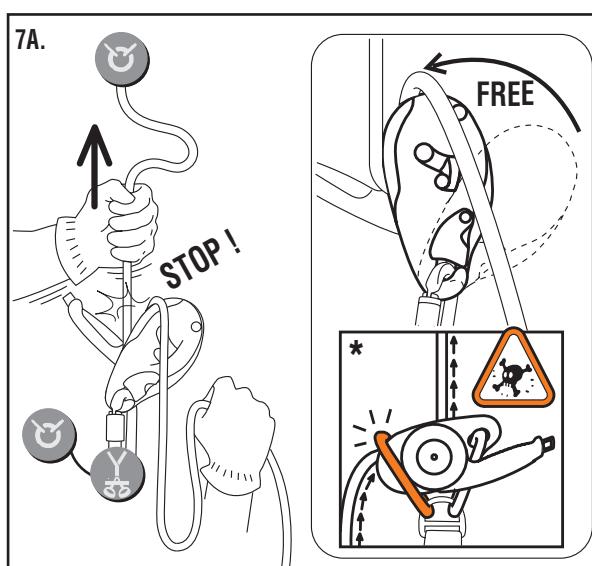
When the handle is released, the I'D brakes, then jams the rope.

7B. Device on the anchor

Pull on the loaded side of the rope: the rope must jam in the device. If not, check that the rope is correctly installed.

Warning: if the rope is installed backwards without being redirected through a braking carabiner, the anti-error catch will not work.

WARNING, if your device doesn't work anymore (rope slippage), retire it.



EN 12841: 2006 Type C

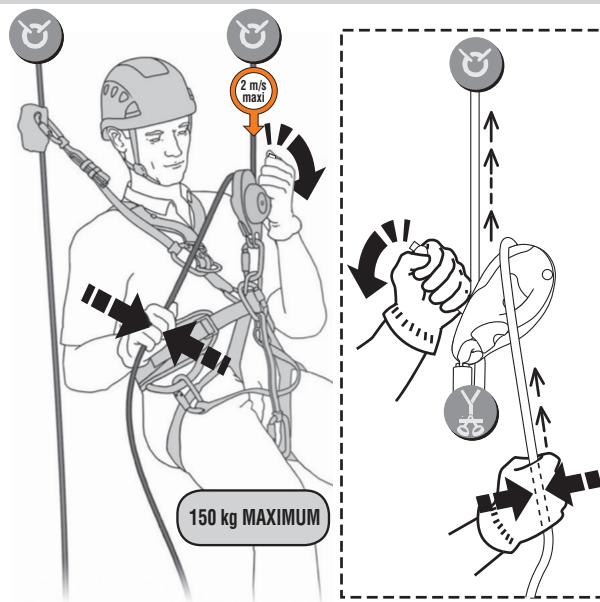
The EN 12841: 2006 I'D S descender is a type C rope adjuster used to descend the work rope. The I'D S is a braking device for rope that allows the user to manually control the speed of descent and to stop anywhere along the length of the rope by releasing the handle. To meet the requirements of the EN 12841: 2006 type C standard, use 10-11.5 mm EN 1891 type A semi-static kernmantel ropes. (Note: Certification testing was performed at 150 kg using BEAL Antipodes and BEAL Ginkgo 10 mm ropes.)

8A. Descent

One person

Device on the harness (position c): you control your descent by varying your grip on the braking side of the rope, to descend, pull gradually on the handle. Always hold the braking side of the rope.

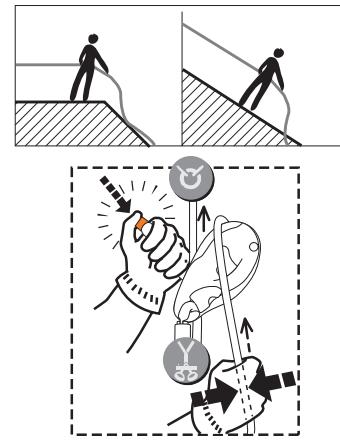
Release the handle to stop the descent. In a panic situation: if the handle is pulled too much (position d) the device brakes, then jams the rope. To continue the descent, first move the handle upwards (position c).



Horizontal movement button:

On a slope or with light loads, the panic brake activates easily. To make your descent smoother, use the horizontal movement button.

- Do not use the horizontal movement button during a vertical descent.



EN 12841: 2006 Type C

8B. Work positioning - secured stop

After stopping at the desired location, to go into work positioning mode with hands free, lock the device on the rope by moving the handle in the direction opposite to that used for descent (turned to position b). For work positioning, the I'D must be set in this position. Once the handle has stopped at position b (positioning), do not force the handle. The handle must not be in position a (transport) with a rope in the device. There is a risk of damaging the device that can negate the braking function. To unlock the system, firmly grip the braking side of the rope and move the handle into descent position.

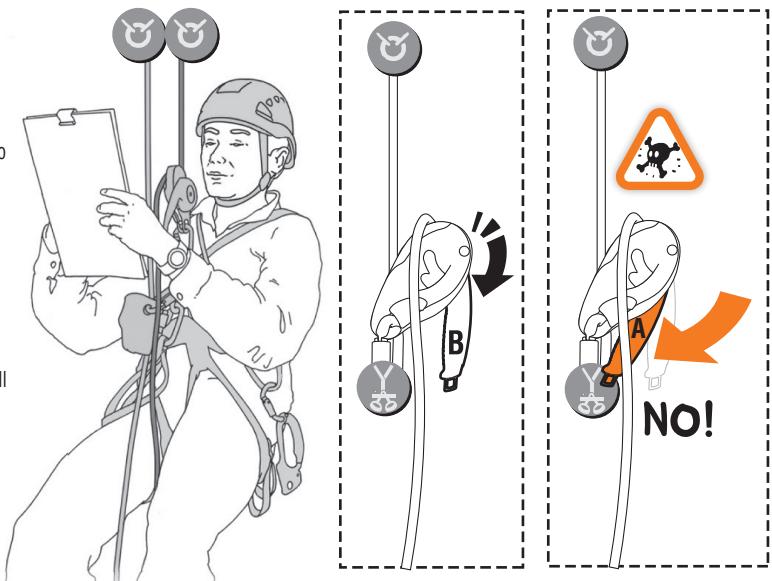
Information regarding standard EN 12841

ATTENTION, the I'D S descender must be used with a type A backup device on a second (safety) rope (e.g. ASAP).

The I'D S descender is not suitable for use in an EN 363 fall arrest system.

Attach your descender directly to the harness using an EN 362 locking carabiner. Any equipment used with your descender must be in compliance with current standards. Do not allow the safety line to be loaded when the working line is under tension.

A shock-load can damage the belay line.



EN 341 class A (1997) Rescue evacuation

Maximum descent height: 200 m
Normal working load: 30-150 kg

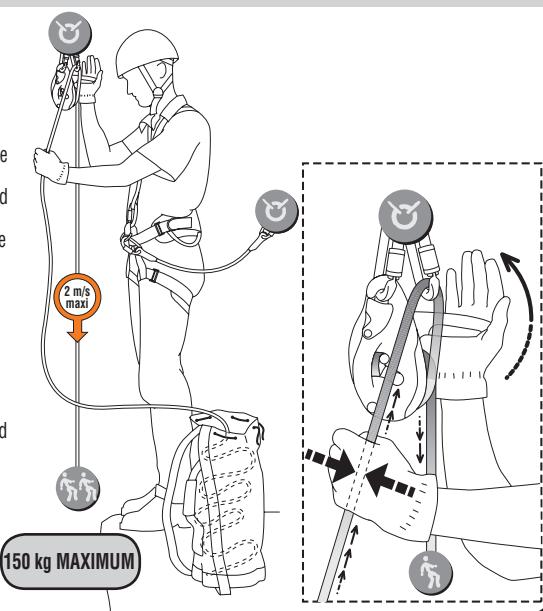
Lowering from an anchor-point

Device on the anchor: the braking side of the rope must be redirected through a carabiner. Hold the braking side of the rope and move the handle up (position c) to allow the rope to slide. Braking is regulated by varying the grip on the braking side of the rope. Release the handle to activate the self-braking function.

When the device is lightly loaded, if the panic brake activates too easily, use the horizontal movement button.

Information regarding standard EN 341

- Always tie a knot at the end of the rope.
- Equipment left in place must be protected from the weather.
- Do not lose control during the descent: descend at a reasonable speed.
- Warning, the device can overheat and damage the rope during descent.



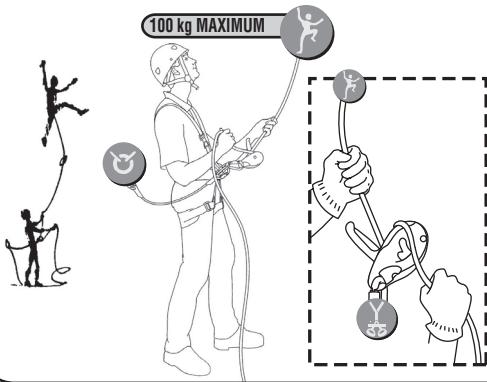
10

Belaying

10A. Belaying the leader: 100 kg

Use a dynamic rope certified to EN 892.

Device on the harness (position e): Before use, verify the rope is correctly installed. The braking side of the rope is held in one hand and the climber's side in the other. To facilitate rope glide, focus more on pushing the braking side of the rope into the device rather than pulling the climber's side of the rope. To stop a fall, firmly grip the braking side of the rope. To lower a climber, the manipulation of the device is similar to the description found under «Descent».

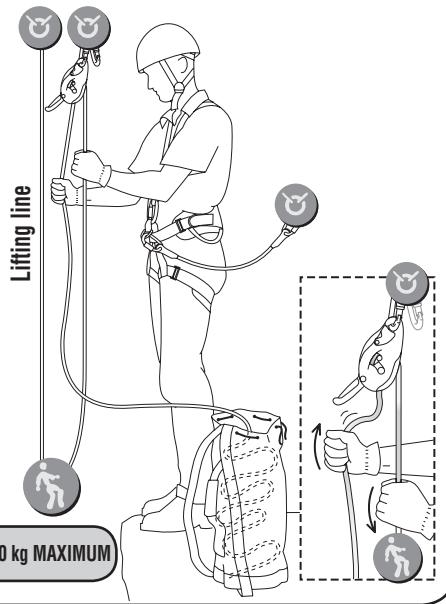


10B. Belaying: 100 kg

Belaying a second, and hauling (usage without redirecting the rope through a carabiner).

Warning, in the case of an error (rope installed backwards) the anti-error catch will not work in this position.

Device on the anchor (position e): the belayer holds the braking side of the rope with one hand, and the second's rope with the other. Take in slack regularly. To stop a fall, firmly grip the braking side of the rope. To lower a climber, the manipulation of the device is similar to the description found under «Lowering from an anchor» (use a braking carabiner).



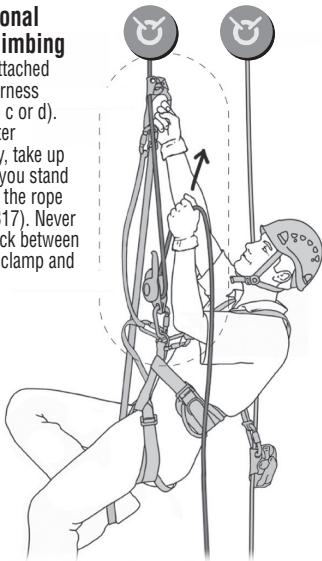
11

Other use

Occasional rope climbing

Device attached to the harness (position c or d).

For greater efficiency, take up slack as you stand up using the rope clamp (B17). Never allow slack between the rope clamp and the I'D.



12

Heavy loads, exceptional uses for experts only

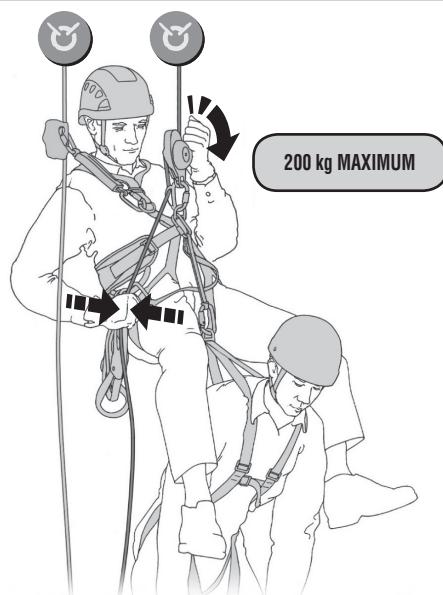
These operations must only be performed by rescuers specifically trained in these uses.

For heavy loads, shock-loading must be avoided.

12A. Evacuation: Accompanied descent, device on the harness

Maximum load: 200 kg

A braking carabiner must be used.



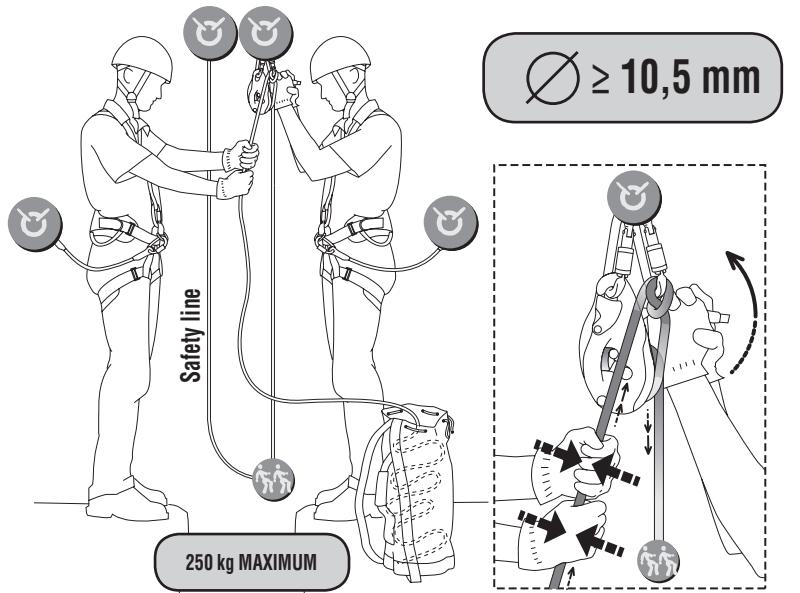
12

Heavy loads, exceptional uses for experts only

12B.

Evacuation: Lowering from an anchor-point
Maximum load: 250 kg

- Use a rope of minimum diameter 10.5 mm.
- Make a Munter hitch on the braking carabiner.
- One person operates the handle of the device, while a second person holds the rope.



12

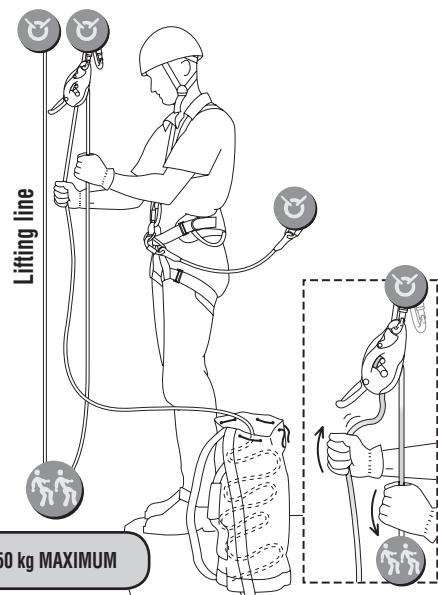
Heavy loads, exceptional uses for experts only

$\varnothing \geq 10,5 \text{ mm}$

12C. Belaying

Maximum load: 250 kg

- For belaying heavy loads while raising, use a rope of minimum diameter 10.5 mm. Take in slack regularly.
- If you have to lower or belay the load during descent, see chapter 12B.



13

Supplementary information regarding standards (EN 365)

Rescue plan

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

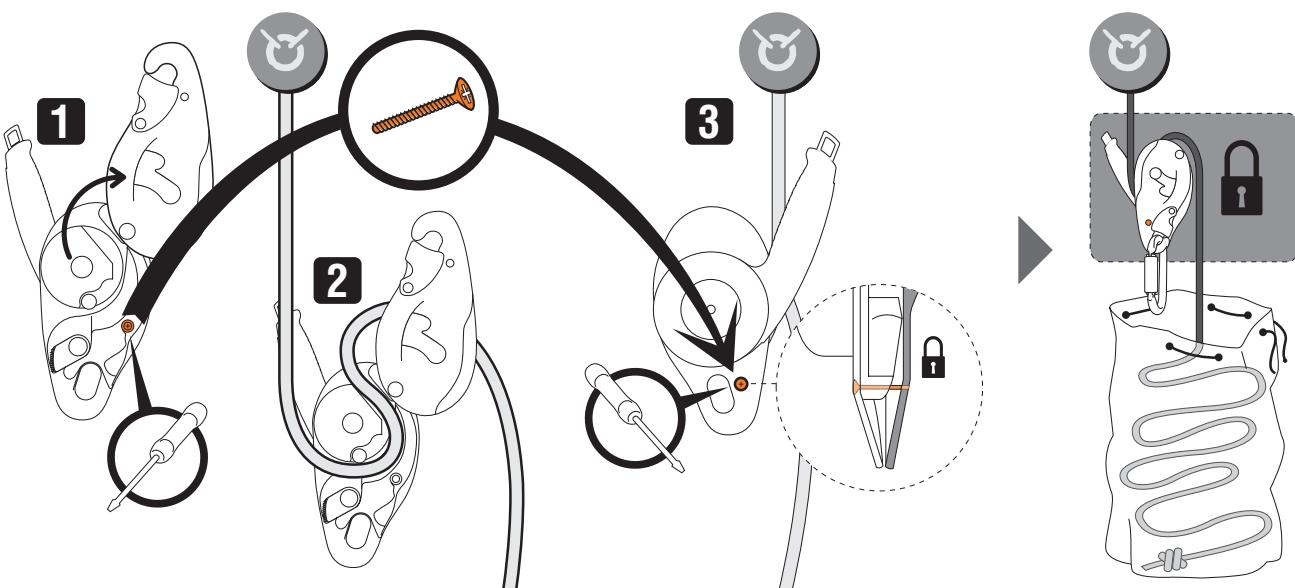
Anchors

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) rescue kit / (FR) kit de secours



14 Petzl general information

Lifetime

WARNING: an exceptional event can reduce the lifetime of the product to one single use; for example, if it is exposed to any of the following: chemicals, extreme temperatures, sharp edges, major fall or load, etc.

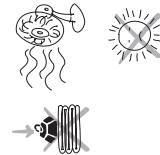
The maximum lifetime of Petzl products is as follows: up to 10 years from the date of manufacture for plastic and textile products. It is indefinite for metallic products.

The actual lifetime of a product ends when it meets one of the retirement criteria listed below see "When to retire your equipment", or when in its system use it is judged obsolete.

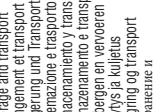
The actual lifetime is influenced by a variety of factors such as: the intensity, frequency, and environment of use, the competence of the user, how well the product is stored and maintained, etc.



(RU) Temperatura
(FR) Température
(DE) Temperatur
(IT) Temperatura
(ES) Temperatura
(PT) Temperatura
(NL) Temperatuur
(SE) Temperatur
(FI) Lampotilavuus
(NO) temperatur



(RU) Сушка
(FR) Séchage
(DE) Trocknen
(IT) Asciugamento
(ES) Secado
(PT) Secagem
(NL) Drogen
(SE) Torkning
(FI) Kuivaus
(NO) Torking



(RU) Техническое обслуживание
(CZ) Technické obsluhování
(PL) Uszerezenie
(SI) Sustenzione
(HU) Száritás
(BG) Сървие
(JP) 乾燥業
(CN) 干燥業
(TH) แห้งด้วยผ้า

Immediately retire any equipment if:
- it fails to pass inspection (inspection before and during use and the periodic in-depth inspection),
- it has been subjected to a major fall or load,
- you do not know its full usage history,
- it is at least 10 years old and made of

Inspect equipment periodically for damage and/or deterioration.

In addition to the inspection before and during use, a periodic in-depth inspection must be carried out by a competent inspector. This inspection must be performed at least once every 12 months. The frequency of the in-depth inspection must be governed by the type and the intensity of use. To keep better track of your equipment, it is preferable to assign each piece of equipment to a unique user so that he will know its history. The results of inspections should be documented in an "Inspection record". This document must allow recording of the following details: type of equipment, model, name and contact information of the manufacturer or distributor, means of identification (serial or individual

number), year of manufacture, date of purchase, date of first use, name of user, all other pertinent information for example maintenance and frequency of use, the history of periodic inspections (date / comments and noted problems / name and signature of the competent person who performed the inspection / anticipated date of next inspection). See example of detailed inspection record and other informational tools available at www.petzl.com/ppe

When to retire your equipment

Do not modify your product in any way unless the modification is specifically authorized by Petzl. An unauthorized modification can reduce the product's effectiveness. One of the consequences can be loss of CE certification. Repairs made outside of Petzl facilities

Product obsolescence

There are many reasons why a product may be judged obsolete and thus retired before the end of its actual lifetime. Examples include: changes in applicable standards, regulations, or legislation; development of new techniques, incompatibility with other equipment, etc.

Modifications and repairs

Do not modify your product in any way unless the modification is specifically authorized by Petzl. An unauthorized modification can reduce the product's effectiveness. One of the consequences can be loss of CE certification. Repairs made outside of Petzl facilities

Guarantee

This product is guaranteed for 3 years against any faults in materials or manufacture. Exclusions from the guarantee: normal wear and tear, oxidation, modifications or alterations, incorrect storage, poor maintenance, damage due to accidents, to negligence, and to uses for which this product was not designed.

PETZL is not responsible for the consequences, direct, indirect or accidental, or any other type of damage resulting or resulting from the use of its products.

Storage, transport

Dry your product after use and store it in a bag. Store it away from exposure to UV, moisture, chemical products, etc.

Traceability and markings

Do not remove any markings of labels. You must check to ensure that the product markings remain legible during the entire lifetime of the product.

Plastics or textiles,

- you have any doubt as to its integrity.
Destroy retired equipment to prevent further use.

Storage, transport

There are many reasons why a product may be judged obsolete and thus retired before the end of its actual lifetime. Examples include: changes in applicable standards, regulations, or legislation; development of new techniques, incompatibility with other equipment, etc.

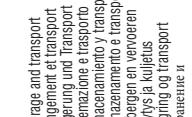
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When to retire your equipment

Immediately retire any equipment if:
- it fails to pass inspection (inspection before and during use and the periodic in-depth inspection),
- it has been subjected to a major fall or load,
- you do not know its full usage history,
- it is at least 10 years old and made of



(RU) Сушка
(FR) Séchage
(DE) Trocknen
(IT) Asciugamento
(ES) Secado
(PT) Secagem
(NL) Drogen
(SE) Torkning
(FI) Kuivaus
(NO) Torking



(RU) Техническое обслуживание
(CZ) Technické obsluhování
(PL) Uszerezenie
(SI) Sustenzione
(HU) Száritás
(BG) Сървие
(JP) 乾燥業
(CN) 干燥業
(TH) แห้งด้วยผ้า



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- it fails to pass inspection (inspection before and during use and the periodic in-depth inspection),
- it has been subjected to a major fall or load,
- you do not know its full usage history,
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(EN) Cleaning Disinfection
(FR) Nettoyage Desinfection
(DE) Reinigung Desinfektion
(IT) Pulizia e disinfezione
(ES) Limpieza Desinfección
(PT) Limpeza Desinfeção
(NL) Reiniging Ontsmetting
(SE) Rengöring Desinficering
(FI) Puhdistus Desinfointti
(NO) Rengjøring Desinfectering
(RU) Чистка дезинфекция



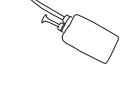
(CZ) Čistení Deseptika
(PL) Czyszczenie Dezynfekcja
(SI) Čiščenje/razkuževanje
(HU) Tisztítás
(BG) Почищване/дезинфекция
(JP) ハンドル方法 消毒
(KR) 手洗い方法 消毒
(CN) 清洗 消毒
(TH) ทำความสะอาดและฆ่าเชื้อ

(RU) Storage and transport
(FR) Rangeement et transport
(DE) Lagerung und Transport
(IT) Sistemazione e trasporto
(ES) Almacenamiento y transporte
(PT) Armazenamento e transporte
(NL) Opslag en vervoer
(SE) Lagring av kofferten
(FI) Läggning av koffert
(NO) Lagring og transport
(CZ) Skladování a doprava



(RU) Паковани и транспорт
(SI) Shranjanje in transport
(HU) Tárolás szállítás
(BG) Транспортиране и съхранение
(JP) 携ち運びと保管方法
(KR) 보관과 운송
(CN) 运输及储存
(TH) การจัดเก็บและการขนส่ง

(RU) Maintenance
(FR) Entretien
(DE) Wartung
(IT) Manutenzione
(ES) Mantenimiento
(PT) Manutenção
(NL) Onderhoud
(SE) Underhåll
(FI) Huoltohintaan
(NO) Vedlikehold



(RU) Уход
(CZ) Udržování
(PL) Wspieranie
(SI) Sustenzija
(HU) Száritás
(BG) Сървие
(JP) 保養
(CN) 保养
(TH) ดูแลรักษา

(RU) Drying
(FR) Séchage
(DE) Trocknen
(IT) Asciugamento
(ES) Secado
(PT) Secagem
(NL) Drogen
(SE) Torkning
(FI) Kuivaus
(NO) Torking



(RU) Сушка
(FR) Séchage
(DE) Trocknen
(IT) Asciugamento
(ES) Secado
(PT) Secagem
(NL) Drogen
(SE) Torkning
(FI) Kuivaus
(NO) Torking



(RU) Сушка
(FR) Séchage
(DE) Trocknen
(IT) Asciugamento
(ES) Secado
(PT) Secagem
(NL) Drogen
(SE) Torkning
(FI) Kuivaus
(NO) Torking

Legends



(EN) Climber
(FR) GrimpEUR
(DE) KletterER
(IT) Arrampicatore
(ES) Escalador



(EN) Fall
(FR) Chute
(DE) Sturz
(IT) Caduta
(ES) Caída



(EN) Anchor
(FR) Amarrage
(DE) Anschlagnpunkt
(IT) Ancoraggio
(ES) Anclaje



(EN) Harness
(FR) Harnais
(DE) Gurt
(IT) Imbracatura
(ES) Arnes



(EN) Hand
(FR) Main
(DE) Hand
(IT) Mano
(ES) Mano



(EN) Load
(FR) Charge
(DE) Belastung
(IT) Carico
(ES) Carga

