

GRILLON

CE 0082 EAC TP TC 019/2011

Patented

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.

PETZL.COM



Latest version



Other languages



Technical tips



PPE checking

Warning symbols
Panneaux d'alertes



(1)



(2)



(3)



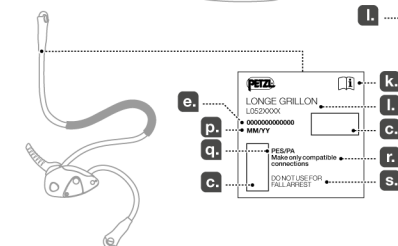
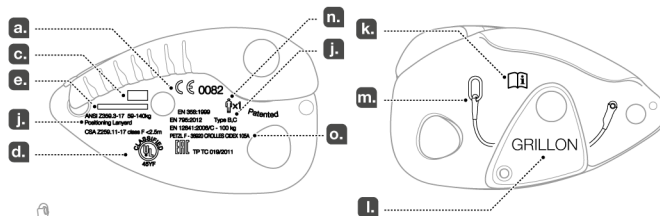
(4)

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ISO 9001
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Sustaining our Community
Au service de la Communauté
FONDATION-PETZL.ORG

Traceability and markings / Traçabilité et marquage



CE 0082

a. Body controlling the manufacture of this PPE
Apave Sudeurope SAS
8 rue Jean-Jacques Vernazza
Z.A.C. Saumaty-Seon - CS 60193
13022 MARSEILLE CEDEX 16
N°0082

b. Notified body that carried out the CE type examination
Dolomiticert Scarl
Z.I. Villanova -
32013 Longarone (BI)

c. Traceability: datamatrix

d. Certification organisation
(ANSI / ASSE - CSA)



e. Serial number

YY M 0000000 000

f. Year of manufacture

g. Month of manufacture

h. Batch number

i. Individual identifier

j. Standards

k. Carefully read the instructions for use

l. Model identification

m. Installation direction

n. Single-person use

o. Manufacturer address

p. Date of manufacture (month/year)

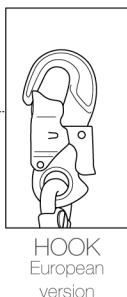
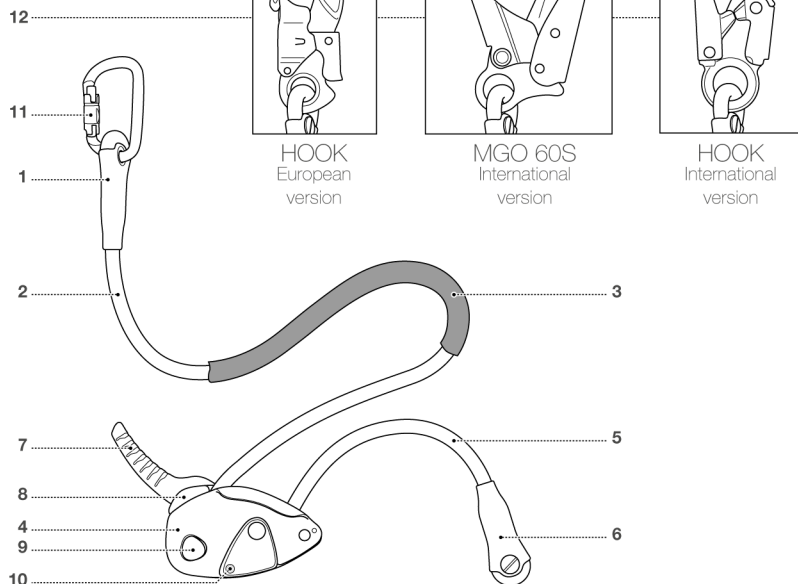
q. Materials

r. Compatibility

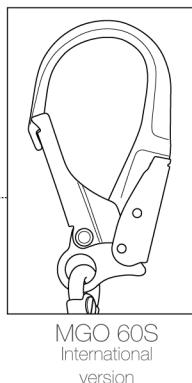
s. Do not use for fall arrest

1. Field of application (text part) Champ d'application (partie texte)

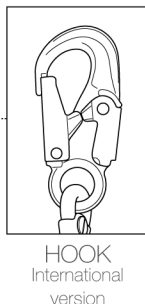
2. Nomenclature



HOOK
European
version



MGO 60S
International
version

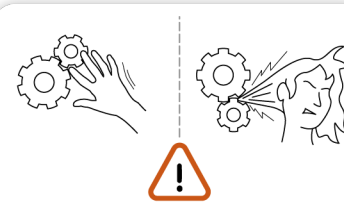


HOOK
International
version

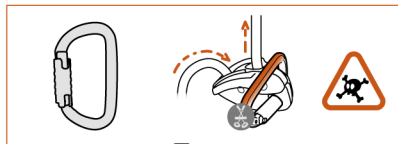
3. Inspection, points to verify Contrôle, points à vérifier



PPE checking
Vérification EPI
PETZL.COM



4. Compatibility Compatibilité



Frequent connections Connexions fréquentes

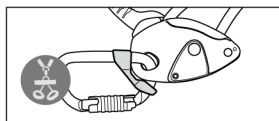


Am'D
OK
OXAN
WILLIAM

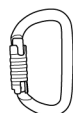
+



CAPTIV



or / ou

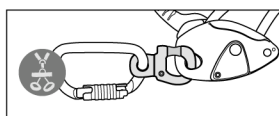


Am'D
OK
OXAN

+



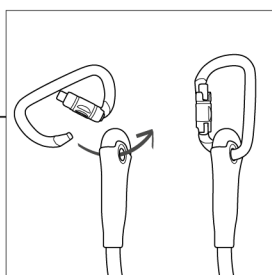
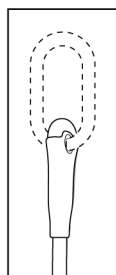
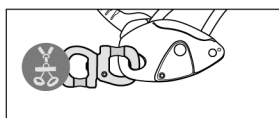
MICRO
SWIVEL



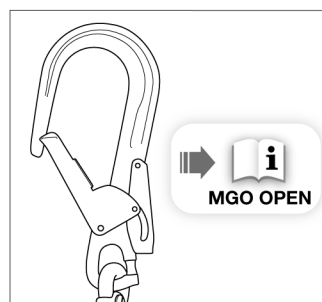
Semi-permanent connection Connexion semi-permanente



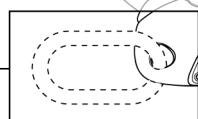
SWIVEL
OPEN



or / ou



MGO OPEN



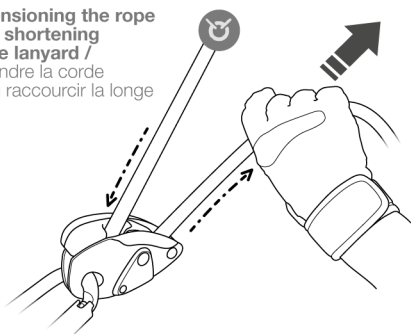
200 mm
MAX

Standards / Normes

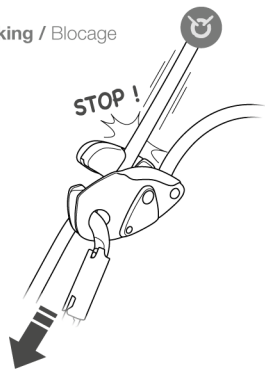
Standards / Normes			Connector Connecteur EN 362	Connector Connecteur ANSI CSA	Connector Connecteur 362 + ANSI CSA
EN 358	EN 12841	EN 795	✓	✗	✓
ANSI Z359.3	CSA Z259.11		✗	✓	✓

5. Working principle Principe fonctionnement

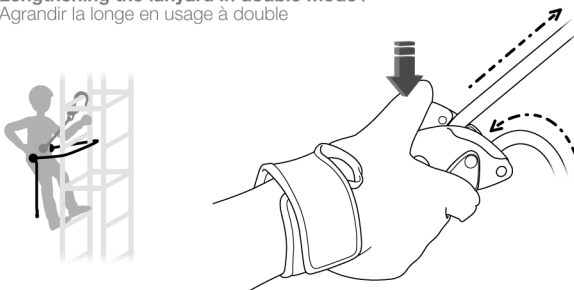
**Tensioning the rope
or shortening
the lanyard /**
Tendre la corde
ou raccourcir la longe



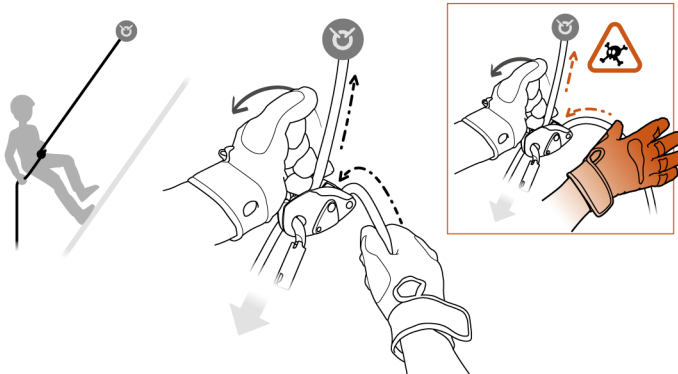
Locking / Blocage



Lengthening the lanyard in double mode /
Aggrandir la longe en usage à double



Lengthening the lanyard in single mode or releasing under load /
Aggrandir la longe en usage à simple ou débloquer sous charge



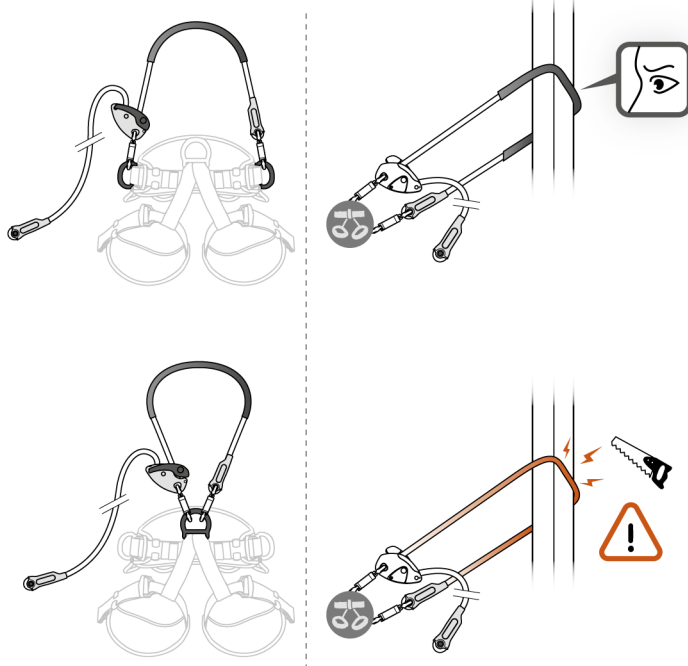
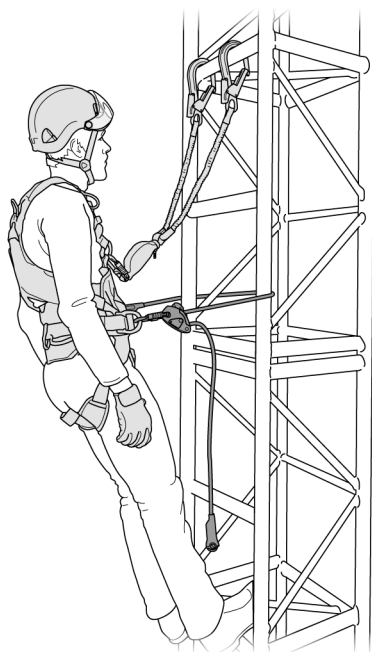
6. Adjustable lanyard for work positioning Longe réglable de maintien au travail

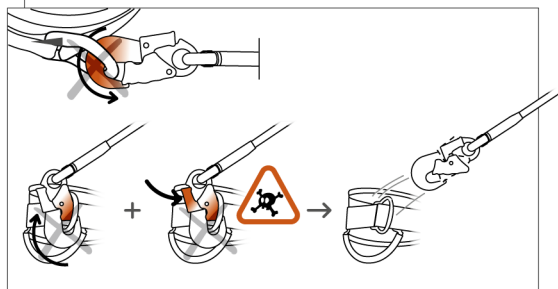
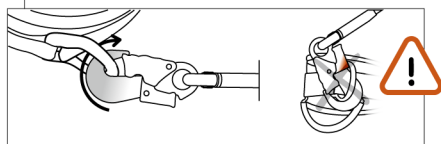
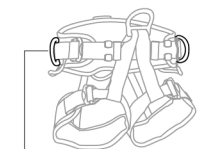
EN 358:1999

ANSI Z359.3 - 2017

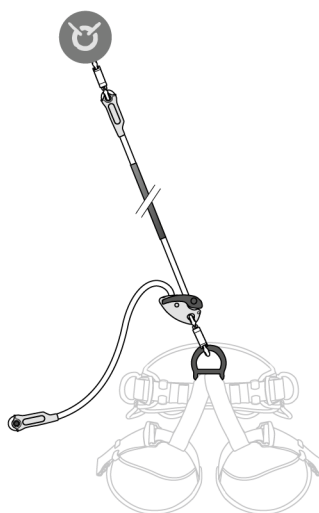
CSA Z259.11-17 F (<2,5m)

6a. Double mode use / Utilisation en double

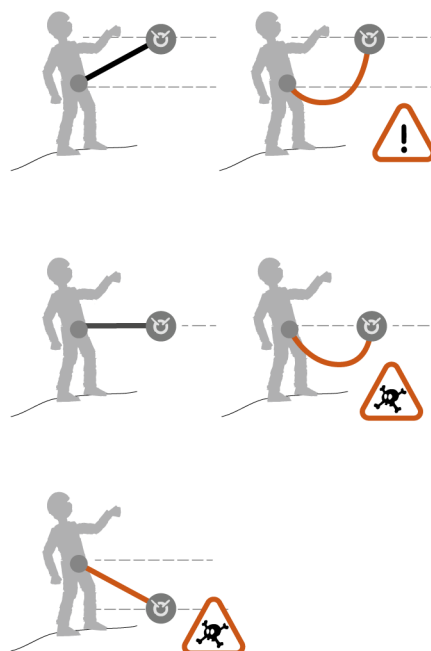




6b. Single mode use /
Utilisation à simple

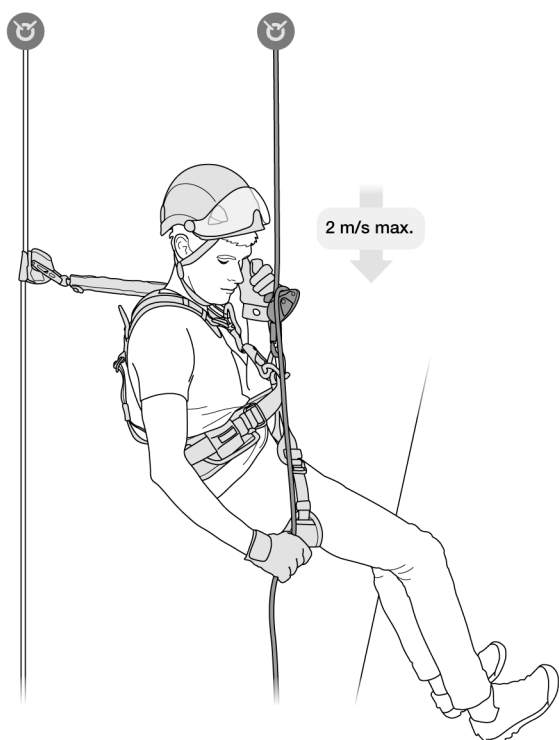


6c. Precautions / Précautions



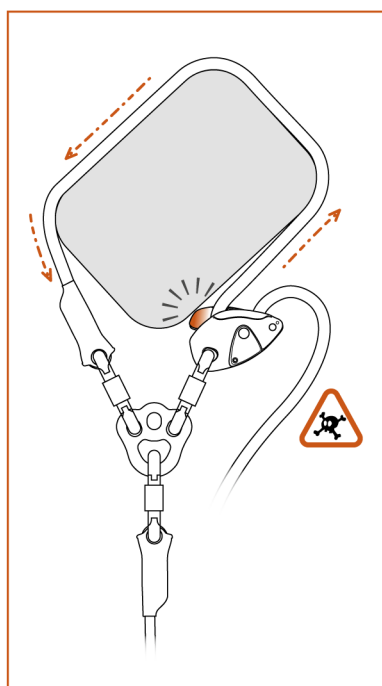
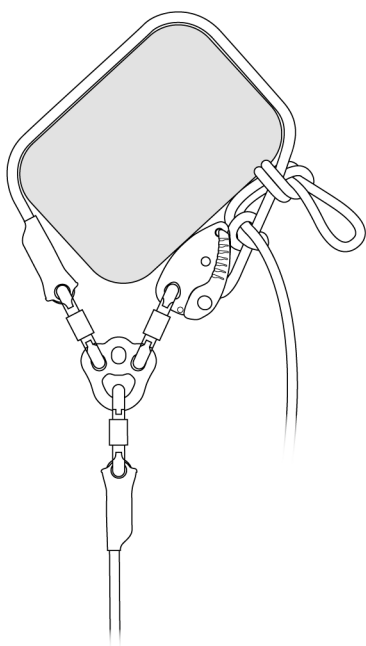
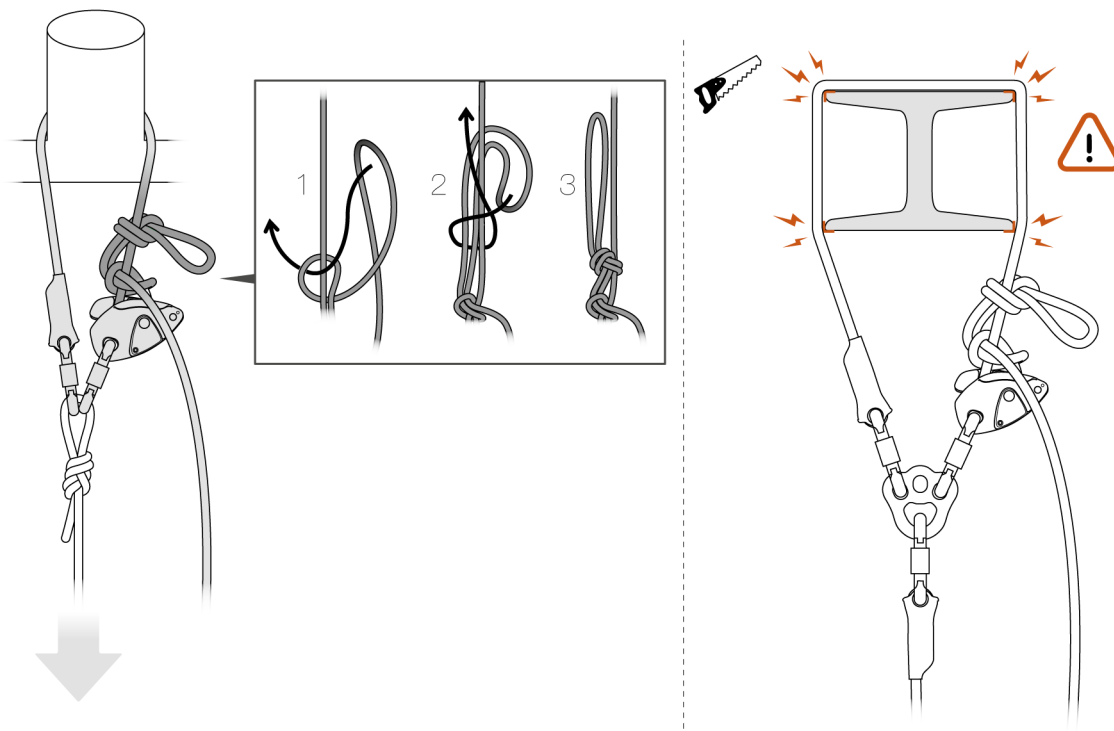
7. Descender
Descendeur

EN 12841:2006 type C

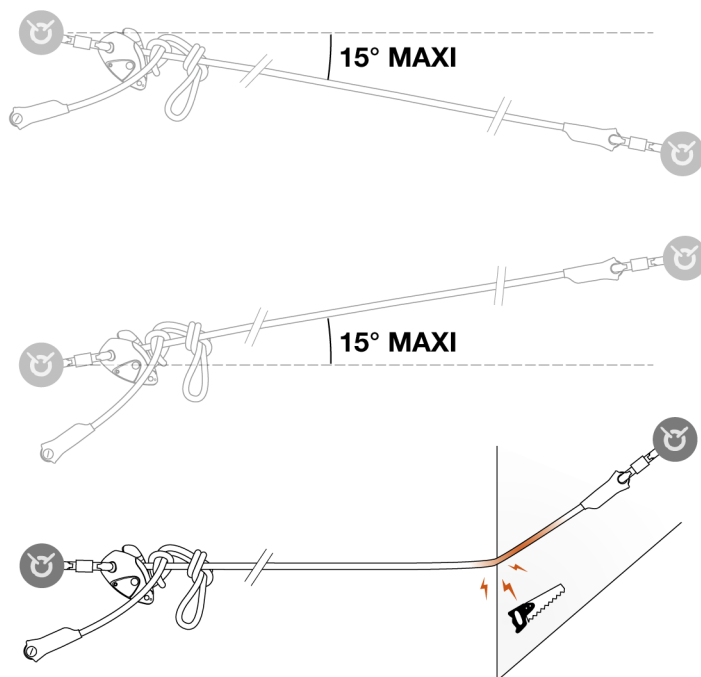
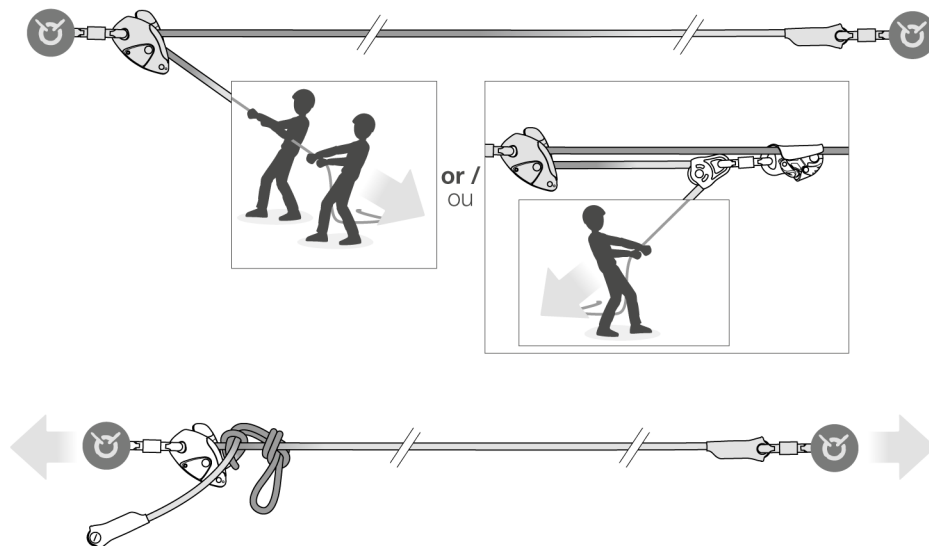


8. Temporary anchor for wrapping around a structure EN 795 : 2012 type B

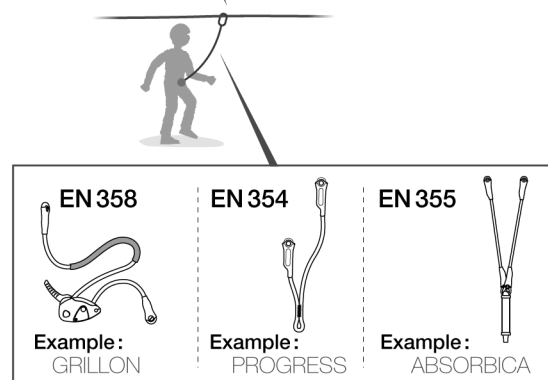
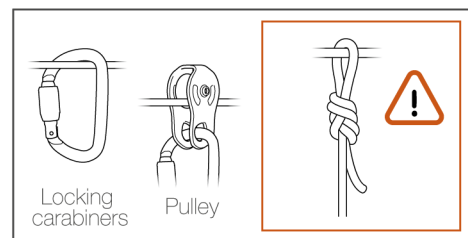
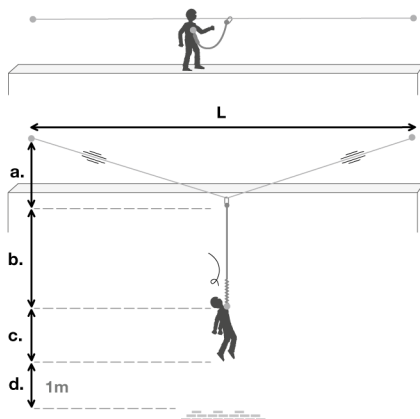
Ancrage provisoire pour ceinturer une structure



Initial tension / Tension initiale :



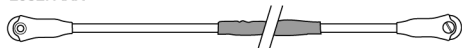
Attachment to the lifeline / Connexion à la ligne de vie :

Information on sag and clearance /
Information sur la flèche et le tirant d'air

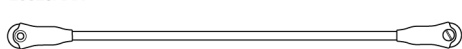
L	2m	3m	5m	10m	15m	20m
a.	0,5 m	0,6 m	1 m	1,9 m	2,8 m	3,7 m
	9 kN					

10. Spare parts Pièces détachées

L052FAXX



L052JAXX



L052GAXX



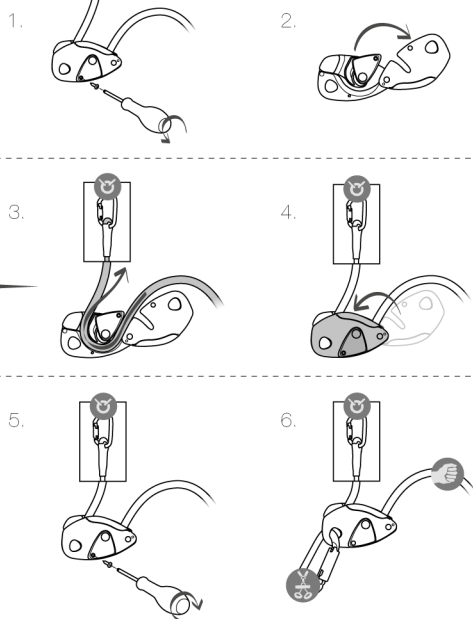
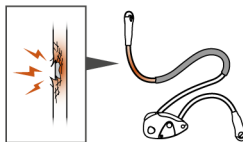
L052HAXX



L052IAXX



Installation of the rope / Installation de la corde



11. Additional information Informations complémentaires



A. Lifetime / Durée de vie

unlimited
illimitée

C. Acceptable T° T° tolérées

+ 80°C / + 176°F
- 30°C / - 22°F

D. Precautions for use / Précautions d'usage



E. Cleaning / Nettoyage

+ 30°C maxi.
+ 86°F maxi.



F. Drying / Séchage

+ 30°C maxi.
+ 86°F maxi.



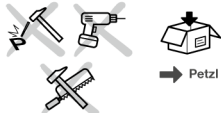
G. Storage - Transport Stockage - transport



H. Maintenance Entretien



I. Modifications - Repairs Modifications - Réparations



J. FAQ - Contact Questions - Contact



→ petzl.com



A. Lifetime / Durée de vie

Serial n°
00 XXX XX XXXX + 10
years
ans

B. Markings Marquage



C. Acceptable T° T° tolérées

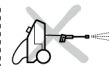
+ 80°C / + 176°F
- 40°C / - 40°F

D. Precautions for use / Précautions d'usage



E. Cleaning - Disinfection / Nettoyage - Désinfection

+ 30°C maxi.
+ 86°F maxi.



F. Drying / Séchage

+ 30°C maxi.
+ 86°F maxi.



G. Storage - Transport Stockage - transport



J. FAQ - Contact / Questions - Contact



→ petzl.com

These instructions explain how to correctly use your equipment. Only certain techniques and uses are described.

The warning symbols inform you of some potential dangers related to the use of your equipment, but it is impossible to describe them all. Check Petzl.com for updates and additional information.

You are responsible for heeding each warning and using your equipment correctly. Any misuse of this equipment will create additional dangers. Contact Petzl if you have any doubts or difficulty understanding these instructions.

1. Field of application

This equipment is personal protective equipment (PPE) used for fall protection.

This product meets the requirements of Regulation (EU) 2016/425 on personal protective equipment. The EU declaration of conformity is available at Petzl.com.

Adjustable lanyard for work positioning.

Descender.

Temporary anchor.

Horizontal lifeline.

GRILLON.

GRILLON PLUS (highly abrasion-resistant rope).

GRILLON HOOK European version (with pre-installed connector).

GRILLON HOOK international version (with pre-installed connector).

GRILLON MQO (with pre-installed connector).

For single-person use only.

Prevents from free fall when used as adjustable lanyard for work positioning and descender.

Protects against fall from a height when used as temporary anchor.

Do not use this equipment as a means of hoisting.

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

Responsibility

WARNING

Activities involving the use of this equipment are inherently dangerous.

You are responsible for your own actions, decisions and safety.

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.

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.

You are responsible for your actions, your decisions and your safety and you assume the consequences of same. If you are not able, or not in a position to assume this responsibility, or if you do not fully understand the Instructions for Use, do not use this equipment.

2. Nomenclature

(1) Rope termination with plastic sleeve and attachment hole, (2) Usable rope - lanyard, (3) Protective sheath (only on GRILLON, GRILLON HOOK European version and GRILLON HOOK international version less than 5 m in length), (4) Rope adjuster, (5) Reserve rope (free rope), (6) Sewn termination with screw-in plug, (7) Handle, (8) Cam, (9) Attachment hole, (10) Side plate locking screw, (11) Lanyard-end connector to be installed, (12) Pre-installed connector (depending on model).

Principal materials: aluminum, stainless steel, nylon, polyester, aramid.

3. Inspection, points to verify

Your safety is related to the integrity of your equipment.

Petzl recommends a detailed inspection by a competent person at least once every 12 months (depending on current regulations in your country, and your conditions of usage). Follow the procedures described at Petzl.com. Record the results on your PPE inspection form: type, model, manufacturer contact info, serial number or individual number, dates: manufacture, purchase, first use, next periodic inspection; problems, comments, inspector's name and signature.

For use as an anchor device, affix a marking indicating the date of the next (or last) inspection.

Before each use

On the rope adjuster, verify the absence of deformation, cracks, marks, wear, corrosion...

Check the movement of the handle, and that its return spring is working. Check that the cam moves freely.

Check the rope and the safety stitching: look for cuts, cut or loose threads, wear and damage due to use, to heat, to chemicals.

Verify the absence of foreign objects in the mechanism.

During 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 items of equipment are correctly positioned with respect to each other.

Beware of any pressure on the cam that can cause unlocking.

Each time the connector is used, verify that it is properly closed and locked.

WARNING: the GRILLON PLUS rope with aramid sheath is highly abrasion resistant, but is not particularly heat resistant; observe the specified operating temperatures.

4. Compatibility

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

When using multiple items of equipment, a dangerous situation can arise in which the safety function of an item of equipment can be affected by the safety function of another item of equipment.

Equipment used with your GRILLON must meet current standards in your country (e.g. EN 362 carabiners).

Lanyard-end connector:

Use the plastic sheath for better connector positioning.

Rope adjuster connector:

Frequent connections: if you must frequently detach your device from the harness, use a locking carabiner with a positioning system, like the CAPTIV bar or the MICRO SWIVEL.

Semi-permanent connection: when possible, use a semi-permanent connector that locks with a lock.

If using any other connector, do a compatibility test (correct installation and functioning, and check for any possibility of poor positioning).

WARNING: connectors used without a CAPTIV or other positioning system can move into a position that blocks the cam.

Spare parts

Replace your lanyard only with Petzl GRILLON ropes.

5. Working principle

Tensioning the rope or shortening the lanyard: pull on the free rope.

Locking: make sure the cam can pivot freely to lock the rope.

Lengthening the lanyard in double mode: if the rope is lightly loaded, push on the cam to feed slack.

Lengthening the lanyard in single mode or releasing under load: the handle enables the taut rope to be loosened. Control the rate of release by holding the brake-side rope.

WARNING: there is a fall risk if the cam or handle are manipulated without holding the free rope.

Braking and speed control are done by varying your grip on the free rope.

6. Adjustable lanyard for work positioning

EN 358: 1999

Working load: 140 kg.

ANSI Z359.3 for 130 - 310 lbs, or 59 - 140 kg.

CSA Z259.11-17 class F (up to 2.5 m).

6a. Double mode use

Pass the lanyard around a suitable anchor (sufficient strength, sufficient diameter, absence of sharp or abrasive edges...).

Attach the lanyard termination to the harness, preferably to the side attachment point opposite the one holding the rope adjuster. Pay attention to the orientation of the HOOK's attachment to the harness: risk of unhooking in case of rubbing.

6b. Single mode use

Attach the lanyard termination to an anchor.

6c. Precautions

Adjust the lanyard length to keep your weight on the system, while staying below the anchor. Free movement is limited to 0.3 m maximum.

The GRILLON lanyard must not be used for fall arrest. It may be necessary to supplement the work positioning system with a fall arrest system.

Beware when using the GRILLON near moving machinery or electrical hazards.

7. Descender

EN 12841: 2006 type C

Working load: 100 kg.

Use the GRILLON for progression on the work rope, together with a type A backup device on a safety rope.

Ropes tested during the CE EN 12841 type C certification: Petzl GRILLON and GRILLON PLUS.

Use the GRILLON only with Petzl GRILLON or GRILLON PLUS ropes. Petzl GRILLON and GRILLON PLUS ropes meet the requirements of the EN 1891 standard.

To reduce the risk of a fall or pendulum, keep the rope between the GRILLON and the anchor as tight and as vertical as possible.

For instructions on installing the rope adjuster on the rope, see the Spare Parts section.

When your body weight is on your work rope, make sure that the safety rope is not loaded.

When the full weight of the user is on the safety rope, it becomes a work rope and so must be used with another safety rope.

A dynamic overload can damage the safety rope.

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

8. Temporary anchor for wrapping around a structure

EN 795: 2012 type B

Pass the lanyard around a suitable structure (sufficient strength, sufficient diameter, absence of sharp or abrasive edges...). The strength of the anchor is no greater than the strength of the wrapped structure.

To secure your anchor, make a mule knot - tied off with an overhand knot close to the rope adjuster - on the free rope.

Adjust the rope length to prevent any uncontrolled movement during use.

Maximum anchor strength and maximum load transmissible to the structure: 18 kN.

9. Horizontal lifeline

EN 795: 2012 type C

Only for the 2-20 m models.

Initial tension

The initial tension in the lifeline (about 1 kN) can be achieved by having two persons pull on the free rope, or by one person using a 3:1 haul system (see drawings).

Warning: excessive initial tension may allow for a slight reduction in clearance in case of a fall on the lifeline, but it increases the load on the anchors.

Maximum lifeline strength and maximum load transmissible to the structure: 18 kN.

Attachment to the lifeline

The lifeline is for single-person use only.

Attach yourself to the lifeline with an EN 354 or EN 358 lanyard, or a lanyard with an EN 355 energy absorber. Follow the lanyard's instructions for Use, especially regarding the position relative to the anchor, and permissible fall height.

The lifeline may not be used with a retractable type fall arrester.

Information on sag and clearance

When installing the lifeline, provide enough clearance to prevent the user from hitting the ground or an obstacle in case of a fall. Verify that the sag, with the lifeline loaded or in case of a fall, does not cause the lifeline to contact an edge or any other obstacle that could damage the rope.

Clearance includes the sag in the lifeline when loaded (a), the maximum lanyard length after a fall (including possible energy absorber deployment) (b), average user height (c), and a safety margin of 1 m (d).

The sag values given here were measured during certification testing, with a 9 kN dynamic load. A fall during use may be less severe. During these tests, the energy transmitted to the anchors was less than 6 kN.

Warning: the required clearance can increase significantly if a lifeline and a fall arrest system are used together, but have not been tested in combination.

10. Spare parts

Replace your worn rope only with Petzl GRILLON ropes.

Installation of the rope:

To remove the rope, remove the screw and open the rope adjuster.

To install the rope, remove the side plate locking screw with a screwdriver, open the rope adjuster and insert the rope. Ensure the rope is installed in the device in the proper direction (see drawings). Be sure to close the rope adjuster and replace the locking screw before each use.

11. Additional information

- When the anchor device is used as part of a fall arrest system, the user must be equipped with a means of limiting the impact force, exerted on the user when the fall is arrested, to a maximum value of 6 kN.

- The maximum load that can be transmitted to the structure by the anchor is on the order of 18 kN.

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

- The anchor point for the system should preferably be located above the user's position and should meet the requirements of the EN 795 or ANSI Z359.2 standard.

- In a fall arrest system, it is essential to check the required clearance below the user before each use, in order to avoid hitting the ground or an obstacle in case of a fall.

- Make sure that the anchor point is correctly positioned, in order to reduce the pendulum risk and the fall distance.

- A fall arrest harness is the only device allowable for supporting the body in a fall arrest system.

- When using multiple items of equipment, a dangerous situation can arise in which the safety function of an item of equipment can be affected by the safety function of another item of equipment.

- WARNING - DANGER: ensure that your products do not rub against abrasive materials, or sharp edges/objects.

- Users must be medically fit for activities at height. WARNING: inert suspension in a harness can result in serious injury or death.

- The Instructions for Use for each item of equipment used in conjunction with this product must be followed.

- The Instructions for Use must be provided to the user of this equipment, in the language of the country where the equipment is used.

- Make sure the product markings are present and legible.

When to retire your equipment:

WARNING: an exceptional event can lead you to retire a product after only one use, depending on the type and intensity of usage and the environment of usage (harsh environments, marine environments, sharp edges, extreme temperatures, chemicals...).

A product must be retired when:

- It has been subjected to a major fall (or load).

- It fails to pass inspection. You have any doubt as to its reliability.

- You do not know its full usage history.

- When it becomes obsolete due to changes in legislation, standards, technique or incompatibility with other equipment...

Destroy these products to prevent further use.

Icons:

A. Lifetime - B. Marking - C. Acceptable temperatures - D. Usage precautions - E. Cleaning/disinfection - F. Drying - G. Storage/transport - H. Maintenance - I.

Modifications/repairs (prohibited outside of Petzl facilities, except replacement parts) - **J. Questions/contact**

3-year guarantee

Against any material or manufacturing defect. Exclusions: normal wear and tear, oxidation, modifications or alterations, incorrect storage, poor maintenance, negligence, uses for which this product is not designed.

Warning symbols

1. Situation presenting an imminent risk of serious injury or death. 2. Exposure to a potential risk of accident or injury. 3. Important information on the functioning or performance of your product. 4. Equipment incompatibility.

Traceability and markings

a. Body controlling the manufacture of this PPE - b. Notified body performing the EU type examination - c. Traceability: data matrix - d. ANSI/CSA certification body - e. Serial number - f.

Year of manufacture - g. Month of manufacture - h. Batch number - i. Individual identifier - j. Standards - k. Read the Instructions for Use carefully - l. Model identification - m. Installation direction - n. Single-person use - o. Manufacturer address - p. Date of manufacture (month/year) - q. Materials - r. Compatibility - s. Do not use for fall arrest