

# LORY HOLD

**User Manual**

# LORY HOLD

## Holding rope

Subject to technical changes

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### BRIEF DESCRIPTION

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#### INTENDED USE

The LORY HOLD is part of personal protective equipment (PPE) of category III to prevent falls from heights. In combination with a full body harness acc. to EN 361 or a sit harness acc. to EN 813, the LORY HOLD solely serves holding and positioning in a circular gripper with 2 side D-rings EN 358 or single-rope positioning of persons working in elevated workplaces, e.g. masts, steel constructions etc., by means of a ventral anchorage D-ring or sternal/dorsal D-ring.

The LORY holding rope type LOMo1 has an extra function that allows it to also be extended even under a load.

This equipment may only be used by persons familiar with personal fall prevention equipment and the risks associated with working in areas where there is a risk of falling.

**All other uses are deemed improper. The company BORNACK will not be liable for any ensuing damages. The user bears the sole risk.**

Maximum number of users: 1 person  
Maximum user weight including clothing and equipment: 150 kg  
Application temperature: -20 °C to +60 °C

The LORY HOLD does not have an energy absorber and, therefore, may not be used to arrest a free fall!

#### USE

- Positioning under body weight

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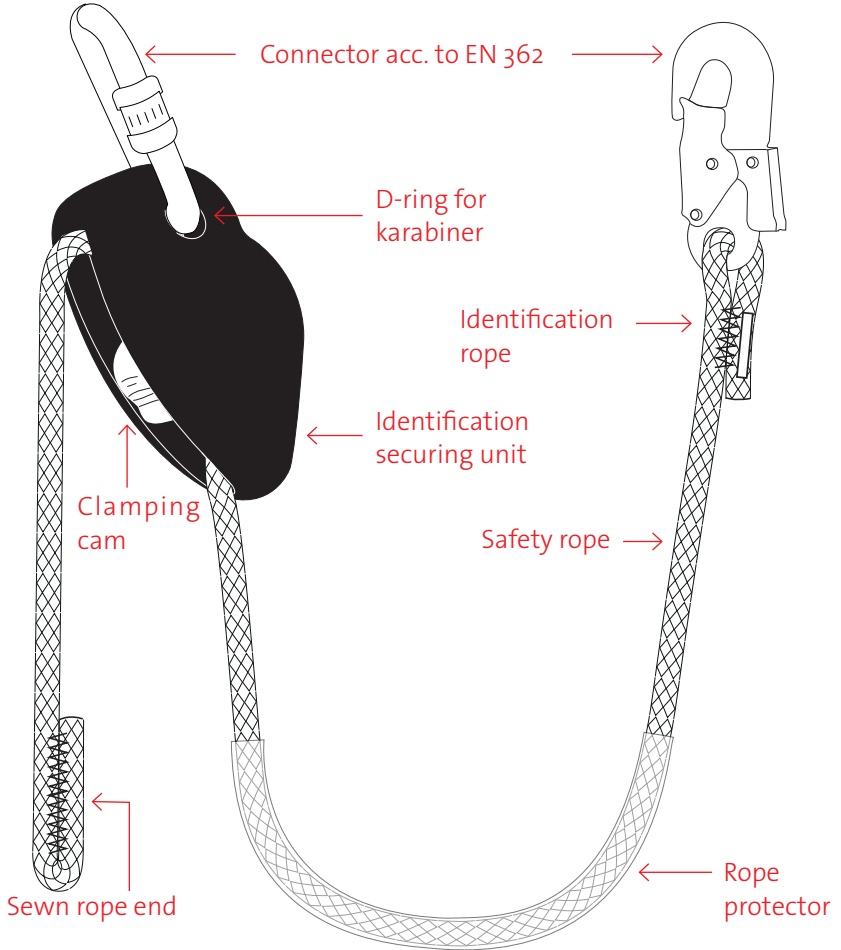
## BRIEF DESCRIPTION

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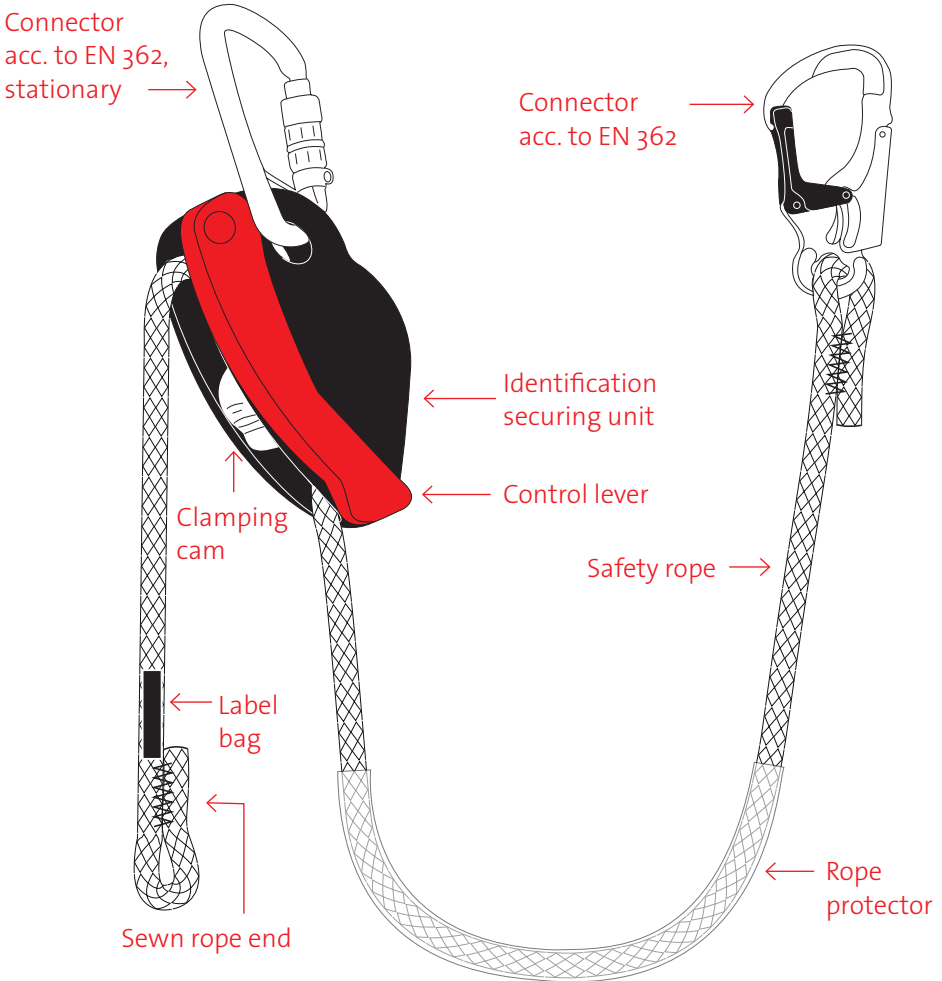
### EQUIPMENT

- LORY HOLD holding rope type: LOHo1
  - LORY HOLD securing device, cannot be opened
  - Connector acc. to EN 362 made of aluminium or steel
  - LORY STOP positioning rope 11 mm with/without rope protector and connector acc. to EN 362 made of aluminium or steel
- LORY HOLD holding rope type: LOMo1
  - LORY MULTI securing device, cannot be opened, with red control lever
  - Connector acc. to EN 362 made of aluminium or steel, stationary
  - LORY HOLD positioning rope 11 mm with/without rope protector and connector acc. to EN 362 made of aluminium or steel and label bag

**LORY HOLD HOLDING ROPE TYPE: LOH01**



**LORY HOLD HOLDING ROPE TYPE: LOM01**



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## INFORMATION BEFORE USE

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### Always check every time before use!

- The user must have completely read and understood the User Manual before use.
- The personal protective equipment (PPE) may no longer be used in the case of even very minor faults. Faulty PPE components may only be tested or repaired by BORNACK or in a workshop authorised in writing by BORNACK.
- Regular inspections are essential because the safety of the user depends on the efficiency and durability of the PPE.
- The user must have completely read and understood the User Manual before use.

### VISUAL INSPECTION

- All components are in place and undamaged.
- All seams are undamaged.
- There are no visible signs of damage to the textile components nor can faults be felt with the hands.
- No damage to fittings, D-rings, buckles or connectors.
- Product identification legible.
- The last inspection by an expert was carried out within the past 12 months.

### FUNCTION TEST


- Fasteners of the connector acc. to EN 362 and their locks are functional.
- Check clamping function.
  - Device blocks when jerked.
  - Rope can be pulled tight without using the clamping cam.
  - All Moving parts of the device move smoothly.
- For LORY HOLD Type: LOMo1:
  - When loaded, the device can be released in a controlled manner using the control lever.
  - When released, the control lever automatically returns to its basic position. The rope blocks automatically.


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## LORY HOLD TYPE: LOH01 IN USE

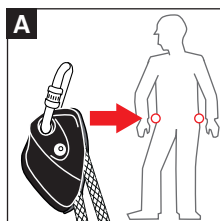
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### PREPARATION

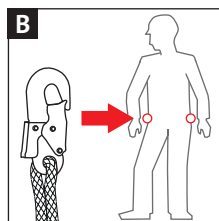
**CAUTION: RISK TO LIFE!**   
This device is not designed to arrest a fall (free fall)! It does not have an energy absorber.


Observe the User Manual of the full body harness. 

**A** Use the connector acc. to EN 362 to hook the LORY HOLD into a D-ring acc. to EN 358 on the side of the full body harness. Check the karabiner lock!



**B** Also connect the connector acc. to EN 362 of the holding rope into the same side D-ring when climbing.



**ATTENTION:**   
Check that both connectors acc. to EN 362 are closed correctly.

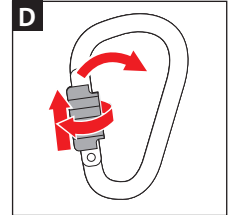
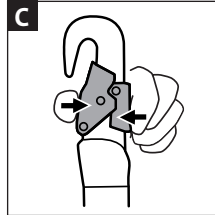
Observe the User Manual of the connector according to EN 362. 

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**LORY HOLD TYPE: LOH01 IN USE**

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**C** Opening and closing the safety karabiner with a striking plate and snapper: apply pressure to the striking plate with the ball of your thumb and, at the same time, open the snapper with your index finger.



**D** Opening and closing the karabiner: place the karabiner onto the palm of the hand. Push the karabiner lock upwards with your thumb and fingers, then turn. Now push the snapper inwards and open the karabiner.

**CAUTION: RISK TO LIFE!**



Material D-rings/loops may never be used to secure persons! Otherwise there is a risk to life!

**ATTENTION:**



The conditions of wet or frozen areas are different than normal!

**ATTENTION:**



If sand or dirt enter the device, this may impact on its function and cause damage.



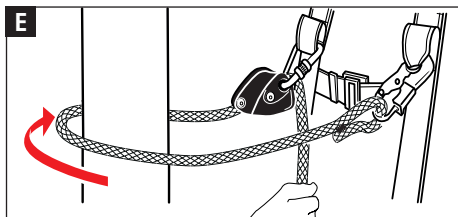
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## LORY HOLD TYPE: LOH01 IN USE

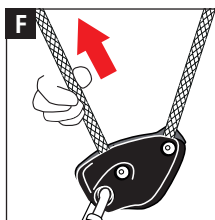
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### APPLICATION

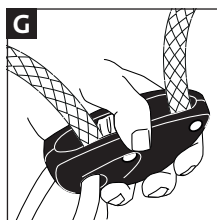
**E** Guide the LORY HOLD around a mast or other structural element and hook the karabiner of the holding rope into the other side D-ring of the safety harness. Check the karabiner lock!



**F** Make sure that the connection and holding function are taut by pulling on the loose end of the holding rope. No slack rope. Leaning into the holding rope will block the LORY HOLD in this position.



**G** To extend the holding rope, push the clamping cam of the LORY HOLD forward and hold down with your thumb, and then slowly lean your upper body backwards until you reach the position you want. Release the clamping cam and block by jerking the holding rope.



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## LORY HOLD TYPE: LOH01 IN USE

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### COMBINATION

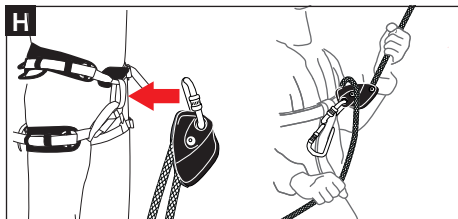
When combining this product with other parts, there is a risk of mutual impairment with respect to the function and safety. Compatibility must be assessed during the risk analysis. Only combine with personal protective equipment that bears a CE symbol. If you have any questions about compatibility or you require help with the risk analyses, feel free to contact BORNACK.

## LORY HOLD TYPE: LOM01 IN USE

### PREPARATION

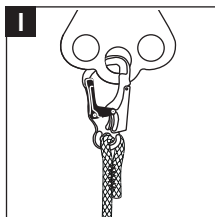
Observe the User Manual of the safety harness EN 361 or the seat harness EN 813.


**H** LORY HOLD type: hook the LOM01 into the sternal D-ring of a safety harness or the ventral D-ring of a sit harness (central to the body axis) using a lanyard acc. to EN 362. Ensure that the rope hangs freely. Check the karabiner lock!



### APPLICATION

**I** Hook the connector acc. to EN 362 into the anchor point (e.g. the rigging plate of the hanger on a stretcher). Check the karabiner lock! Check the load-bearing capacity of the anchor point (min. 15.0 kN) If used in a rescue system with a rescuer, check that the rescue device/rescue equipment is approved for 2 persons!



**ATTENTION:**  For safety reasons, it is important to use an anchor point that is at or above hip height when setting the position for working.

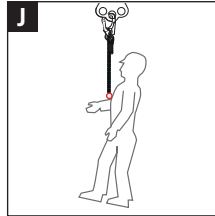
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## LORY HOLD TYPE: LOM01 IN USE

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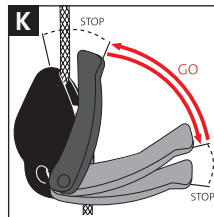
### J Positioning by lowering

Set the rope to a short length and hand in the positioning system (sitting). Descend in a controlled manner using the control lever until the required position is reached. To correct the hanging position, briefly relieve the weight on the positioning system by moving the body to an upright position. Pull the positioning rope tight.



### K Using the control lever of the LORY HOLD type: LOM01

The control lever can be used to release the clamping cam in a controlled manner to allow lowering. This should be carried out carefully and slowly to avoid injuries. During lowering, the control lever must always be held manually in the required position. If the control lever is released, the device always returns to the STOP position and blocks. During lowering, always ensure that the loose rope end is held in the hand and is guided.



### ATTENTION:



For use by specially trained personnel only!

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## LORY HOLD TYPE: LOM01 IN USE

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### CAUTION: RISK TO LIFE!



Material D-rings/loops may never be used to secure persons! Otherwise there is a risk to life!

### ATTENTION:



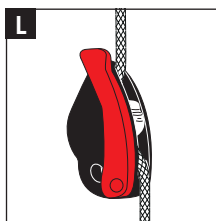
The conditions of wet or frozen areas are different than normal!

### ATTENTION:



If sand or dirt enter the device, this may impact on its function and cause damage.

**L** When under load and without any intervention by the user, the device always goes to the basic position STOP. The clamping cam blocks the rope running through the device. On completion of the lowering process, ensure that the control lever lies completely on the device. This prevents any foreign bodies from jamming the device open which, in turn, could lead to a malfunction or damage. The device is securely blocked in this position.



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## LORY HOLD TYPE: LOM01 IN USE

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### COMBINATION

When combining this product with other parts, there is a risk of mutual impairment with respect to the function and safety. Compatibility must be assessed during the risk analysis. Only combine with personal protective equipment that bears a CE symbol. If you have any questions about compatibility or you require help with the risk analyses, feel free to contact BORNACK.

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## SAFETY REGULATIONS

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### **There is a risk to life if these safety instructions are not observed!**

- The personal protective equipment (PPE) may no longer be used even in the case of very minor faults.
- Damaged, fall-stressed or dubious personal protective equipment or safety devices must be immediately withdrawn and not used. The equipment may only be inspected by an expert in compliance with DGUV (German Social Accident Insurance) principle 312-906, by BORNACK or by a workshop authorised in writing by BORNACK. This must be documented in the test card.
- Independent modifications or repairs are not allowed.
- Rope protection is part of the personal fall prevention equipment and should be assigned to a specific person.
- The personal protective equipment may only be used by qualified staff that are familiar with the material. They must be proficient in handling the personal protective equipment and must have been briefed about the possible risks associated with its use.
- In accordance with the accident prevention guidelines (UVV), the users of personal protective equipment against falls (Category III) must attend a theoretical training course and a practical training course. Make use of the training competence of the BORNACK training centres: [info@bornack.de](mailto:info@bornack.de)
- Clothing and shoes must be suitable for the task at hand and the weather conditions.
- Only use if fully fit and healthy.
- Health impairments can jeopardise the safety of the user when working at heights or depths.
- Calculation of the possible fall path if all necessary PPE components are used correctly: (if necessary braking path HSG) + surplus lanyard (situation-dependent) + braking path energy absorber (max. 1.75 m) + height of D-ring (1.5 m) + safety reserve 1.0 m.
- Before using, ensure adequate clearance below the user to prevent impact on a protruding object or the ground.
- Protect personal protective equipment during storing, use and transportation against the effects of heat (e.g. welding flames or sparks, burning cigarettes) and chemicals (e.g. acids, alkalis, oils) and mechanical impact (e.g. sharp edges).
- The combinability and protective effect of the PPE must be checked for each hazard situation (risk assessment).

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## SAFETY REGULATIONS

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- If a casualty hangs motionless in a full body harness for a longer time, blood cannot flow back from the legs and/or the flow may be interrupted. This can lead to a suspension trauma, a circulatory shock with serious to fatal consequences.
- Before starting work, the responsible person must draw up a plan of rescue measures that defines how to rescue casualties quickly and safely and ensures first aid measures. Casualties must be rescued within 20 minutes. BORNACK can help you draw up tailor-made rescue plans and includes these in the necessary training courses. E-mail hotline: [info@bornack.de](mailto:info@bornack.de)
- The local safety guidelines (e.g. in Germany, the DGUV Regulations 112-198 and 112-199 issued by the professional associations) and the accident prevention guidelines for the specific industry (UVV) must be observed.
- According to EN 358:2018, a hip harness should not be used, if there is a foreseeable risk that the user could become suspended in the hip harness or if the user could be exposed to an unintentional load by the hip harness.
- Due to the fact that the user usually relies on the retention properties of the equipment when using a work place positioning system, it is important to think about taking independent safety precautions, e.g. using an arresting system.



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## OTHER

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### APPROVAL:

Complies with the EU Directive 2016/425 for PPE.

EU type testing (Module B) and production monitoring (Module C2) by:

TÜV SÜD Product Service GmbH  
Ridlerstr. 65, D-80339 München  
CE 0123

Quality management system certified to ISO 9001:2015.

Production monitoring by notified office in accordance with Category III.

### REGULAR INSPECTIONS

This personal protective equipment must be inspected at least once a year by an expert in compliance with DGUV Principle 312-906. The result must be documented in the test card at the end of this User Manual.

### SALES

The dealer must ensure that the User Manual is supplied in the language of the designated country. The respective translation must be authorised by BORNACK.

### SERVICE

If you have any further questions about this PPE or other BORNACK services, such as:

- Risk analyses
- Rescue plans
- Training courses
- Expert inspections
- Technical inspections
- Maintenance + inspections

please contact our e-mail hotline:  
info@bornack.de

We will be happy to help!

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## OTHER

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### MAINTENANCE

- If necessary, apply a small amount of oil on the joints so that the moving parts of the karabiner and other devices run smoothly. If possible, use precision mechanics oil. Ensure that the oil does not come into contact with textile PPE components.
- Maintenance may only be carried out by a qualified expert in compliance with DGUV Principle 312-906. All instructions in this User Manual must be strictly observed.
- Protective equipment that is clean and well looked after will last longer!

### CLEANING

- Dry damp personal protective equipment in the air, not on artificial heat sources. Dry metal components with cloths.
- Clean soiled textile components (e.g. arrester harnesses and ropes) with lukewarm water and a little detergent for delicates. Then rinse carefully and allow to dry in the air. Other cleaning agents are not allowed!
- If disinfection is necessary, please contact the e-mail hotline: [info@bornack.de](mailto:info@bornack.de)
- If the personal protective equipment comes into contact with salt-water, keep it wet until it can be rinsed with plenty of distilled water.
- Use compressed air to blow on the unit if necessary.

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## OTHER

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### LIFE SPAN

The following recommendation applies for the use of the LORY HOLD:

**Maximum usage period after being used for the first time:** 10 years

In ideal storage conditions and annual inspections, the product may be stored for up to 3 more years before it is used for the first time without impacting on the stated maximum usage period. Every further year in storage reduces the final maximum allowed usage period by 1 year.

Metal parts are not subject to age-related life span deadlines. The expert makes a decision based on his technical expertise and the latest version of the standard.

The service life can only be prolonged by means of regular expert inspections and the replacement of age-related worn parts (e.g. ageing of textile components).

For reasons of safety, intensive use and/or extreme application conditions such as sharp edges, chemical influences, UV radiation etc. will reduce the usage period. The company owner needs to take this into account in the workplace risk analysis.

The company owner must ensure compliance with the maximum usage period by documenting first-time use in the test card.

The test card at the end of this User Manual must be presented during the regular expert inspections and be completed by an expert.

For more details, please visit [www.bornack.de](http://www.bornack.de).

### REPAIRS

- For reasons of liability, repairs may only be carried out by BORNACK or in a workshop authorised in writing by BORNACK.
- Only original spare parts from the manufacturer may be used.

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## OTHER

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### STORAGE

- Dry wet PPE **before** storage.
- Store in a dry place away from direct sunlight.
- Do not store PPE near radiators. Permanent exposure to temperatures below 0 °C or above +50 °C has a negative impact on the strength of the textile material and shortens the life span.
- Do not allow PPE to come into contact with aggressive substances (e.g. oils, grease, acids, chemicals). Precision mechanics oils may be applied to moving metallic parts during maintenance. Always ensure that textile PPE components do not come into contact with the oil.
- Do not store personal protective equipment close to aggressive substances (see above) because even the vapours of aggressive substances can have a negative effect on the strength of the PPE.
- Protected storage in the device case or device bag.

### TRANSPORT

- Protected transport in the device case or device bag.

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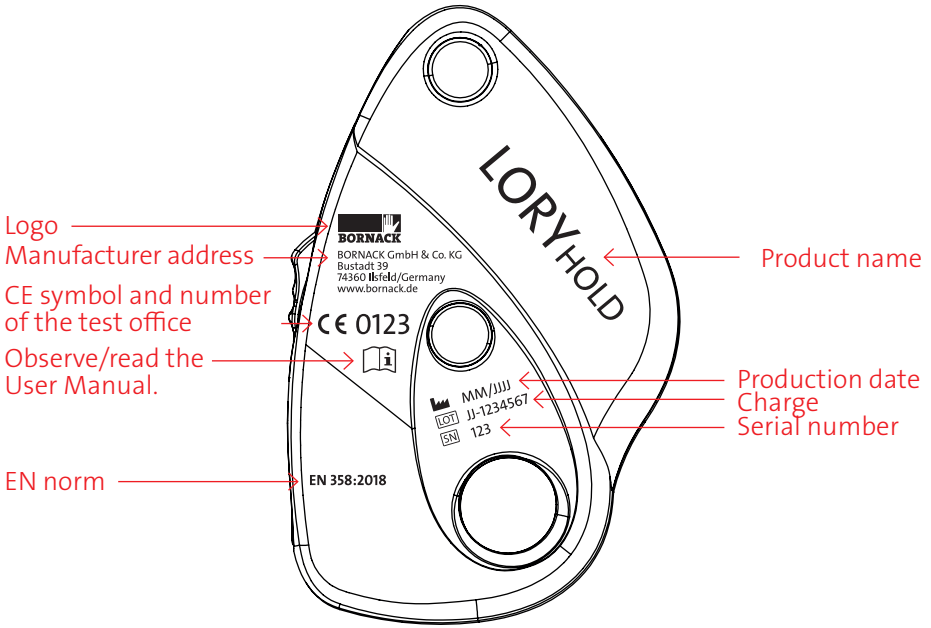
## OTHER

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### PRODUCT IDENTIFICATION

The following identification is on the product:

#### Identification securing unit:

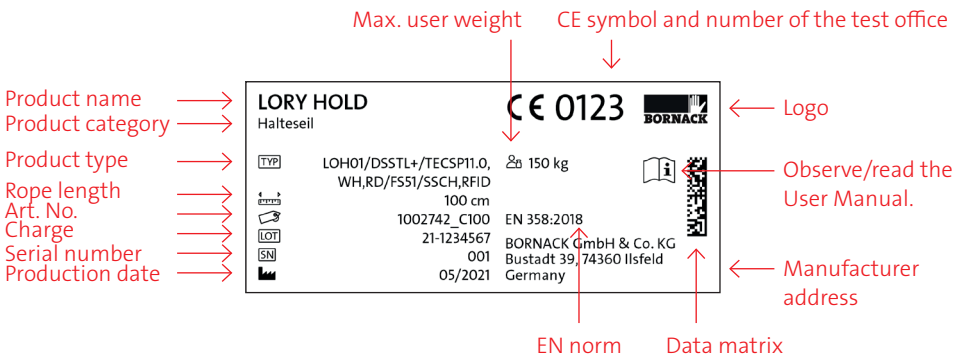


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## OTHER

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### Identification safety rope:



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## EU DECLARATION OF CONFORMITY

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### EU Declaration of Conformity

The manufacturer or his authorised representative established within the EU

BORNACK GmbH & Co. KG  
Bustadt 39  
74360 Illfeld  
Germany

hereby declares that the following personal protective equipment

Lanyard for work positioning and restraint  
LORY HOLD

- is in conformity with the relevant harmonisation legislation according to Annex V (Module B) of the Regulation (EU) 2016/425 on personal protective equipment according to Article 19 (category III PPE) and is examined to EN 358:2018
- is identical to the PPE that is the object of the EU type-examination certificate No. P5A 040506 0307 Rev. 00

issued by

TÜV SÜD Product Service GmbH  
Zertifizierstelle  
Ridlerstraße 65  
80339 München  
Germany  
CE 0123

- is subject to the assessment of conformity to type, based on internal production control plus supervised product checks according to Module C2 of the Regulation (EU) 2016/425 for personal protective equipment (category III PPE), monitored by the notified body

TÜV SÜD Product Service GmbH  
Zertifizierstelle  
Ridlerstraße 65  
80339 München  
Germany  
CE 0123

10 June 2021

BORNACK GmbH & Co. KG

A handwritten signature in blue ink, appearing to read 'Ulrike Bornack'.

Ulrike Bornack  
Managing Director

# TEST CARD

## FOR ANNUAL MONITORING

The test list must be completed in full by the expert during the annual inspection.

This test list does not claim to cover all test criteria and does not relieve the expert from his decision about the overall condition.

Type LORY HOLD: \_\_\_\_\_

Production date: \_\_\_\_\_

Charge: \_\_\_\_\_ / \_\_\_\_\_  
Device Rope

Serial No.: \_\_\_\_\_ / \_\_\_\_\_  
Device Rope

Purchase date: \_\_\_\_\_

Date of first Use: \_\_\_\_\_

Maximum life span until: \_\_\_\_\_

	Date	Signature	Next in- spection	Reason for inspection
Year 1				
Year 2				
Year 3				
Year 4				
Year 5				
Year 6				
Year 7				
Year 8				
Year 9				
Year 10				



# TEST CARD

## FOR ANNUAL MONITORING

Please complete:  ×  √

Year	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
No deformation of metal parts?										
Clamping cam in place & fully functional?										
Connector acc. to EN 362 in place and functional										
Smooth snapper function?										
No corrosion damage?										
No mechanical damage?										
No chemical soiling?										
All ropes and seams undamaged?										
Rope protector in place?										

Continued on the next page







### **FALLSTOP**

Safety equipment for securing and rescuing at heights and depths

### **SAFEPOINT**

Planning and assembly of stationary securing systems

**BORNACK GmbH & Co. KG**

Bustadt 39  
74360 Ilsfeld  
Germany

Tel + 49 (0) 70 62 / 26 90 0-0  
Fax + 49 (0) 70 62 / 26 90 0-550  
info@bornack.de  
www.bornack.de

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Status: 05/2021 GAL Art. No. 8000148\_EN ebo/anh

