

MANUSTOP Halteseil

User Manual

MANUSTOP

Halteseil

Subject to technical changes

BRIEF DESCRIPTION

INTENDED USE

The MANUSTOP restraint lanyard 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 seat harness acc. to EN 813, the MANUSTOP restraint lanyard solely serves holding and positioning in a circular gripper with 2 side D-rings EN 358 to prevent persons on ladders, scaffolds, roofs etc. from falling.

The MANUSTOP restraint lanyard does not have an energy absorber and, therefore, may not be used as an arrester rope. It may only be used to secure, hold and prevent slipping.

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.

Maximum number of users: 1 person
Maximum user weight including clothing and equipment: 100 kg

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

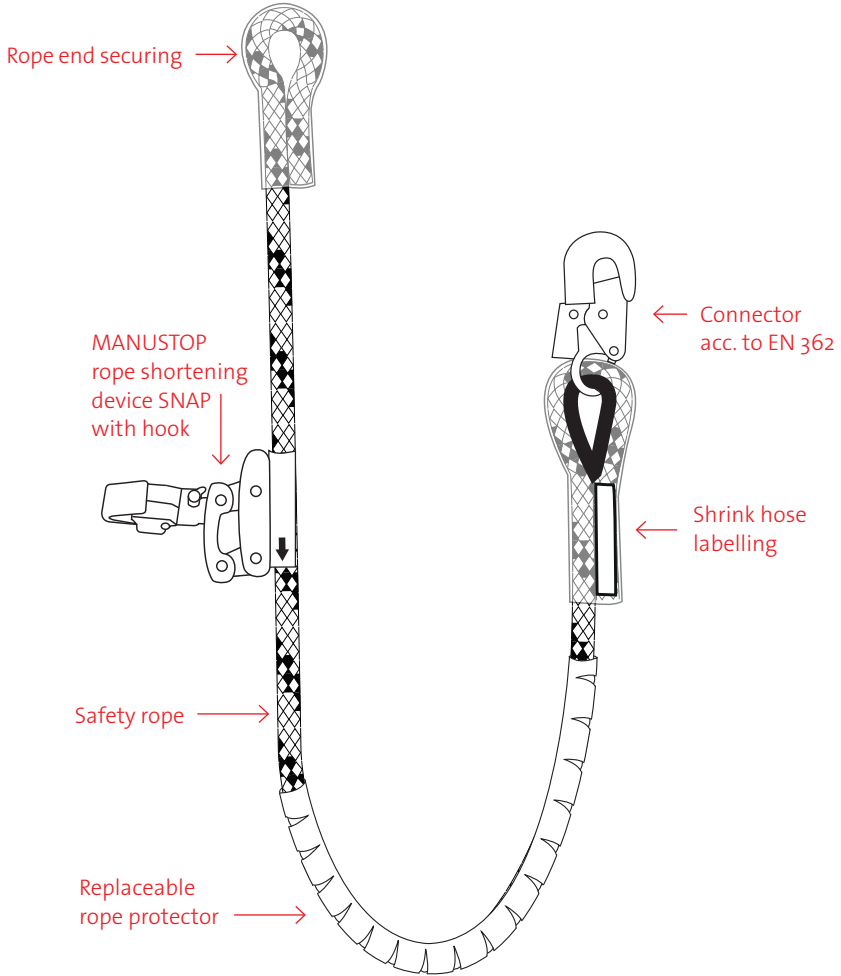
EQUIPMENT

- Rope shortening device MANUSTOP acc. to EN 358 made of steel
 - Type MANHO1/SV with SNAP hook
 - Type MANHO1/SV with connector according to EN 362 made of aluminium or steel
- Kernmantel rope TECSTATIC 12 mm or 16 mm or twisted rope PROFI 16 mm made of polyamide with connector acc. to EN 362
- Rope protector

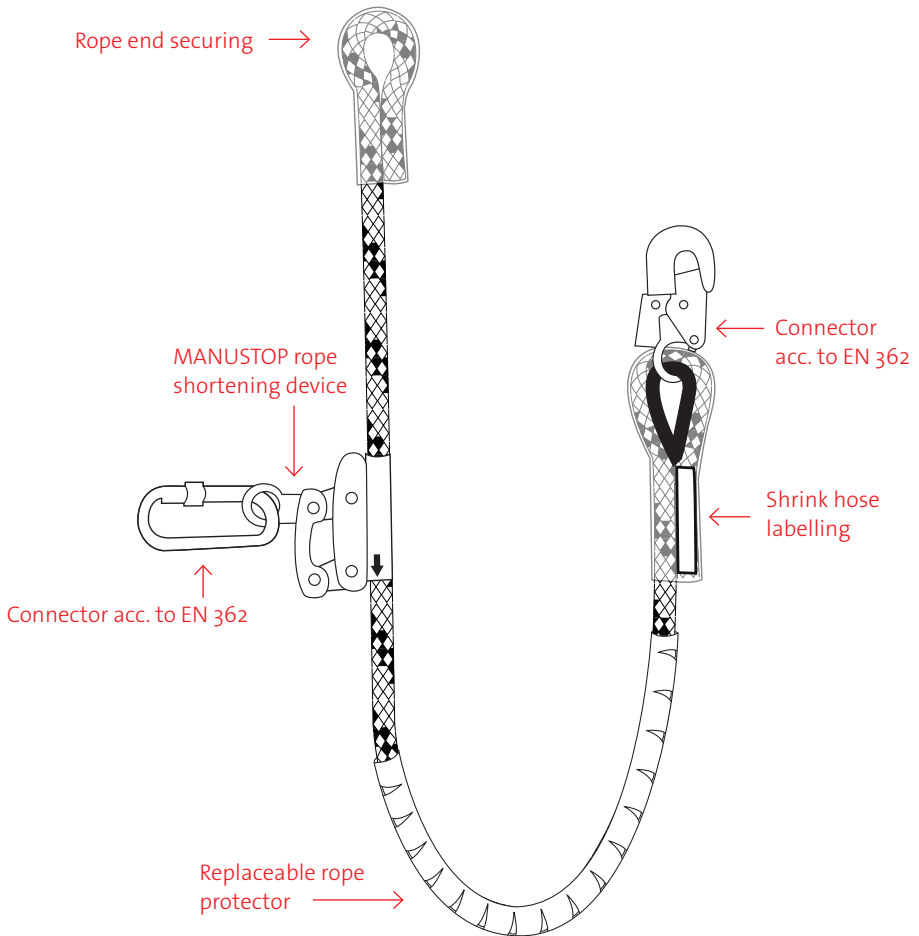
USE

- Restraint
- Prevents slipping
- Positioning under body weight

MANUSTOP HALTESEIL TYPE: MANH01/SV



MANUSTOP HALTESEIL TYPE: MANH01/RI



INFORMATION BEFORE USE



**Always check every time
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

- Check that the system is complete.
- Are all components complete?
- Check that the system is undamaged.
- Can you see or feel any damage in the textile components?
- Are there any obvious signs of damage to the fittings, D-rings, buckles, karabiners?
- The last inspection by an expert was carried out within the past 12 months.
- Identification is legible.

FUNCTION TEST

- Are the fasteners of the connectors acc. to EN 362 functional?
- Check clamping function on the MANUSTOP.

MANUSTOP IN USE

PREPARATION

CAUTION: RISK TO LIFE!

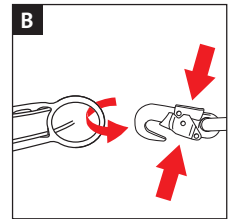
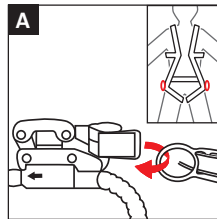


The MANUSTOP restraint lanyard does not have an energy absorber and, therefore, may not be used to arrest a fall! It only serves positioning.

Observe the User Manual of the full body harness. Adjust the full body harness to the wearer's physical size (including clothing).

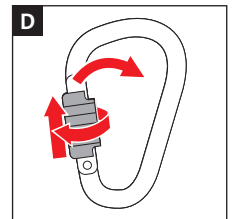
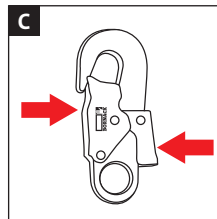


A Hook the MANUSTOP into the side D-ring using the SNAP fastener or connector acc. to EN 362. Check fastener lock.



B Also connect the connector acc. to EN 362 of the restraint lanyard into the same side D-ring when climbing.

C Opening and closing the safety karabiner FS51: 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 a TWISTLOCK PLUS 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.

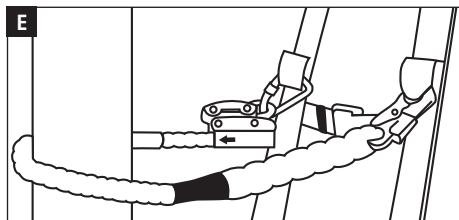
CAUTION: RISK TO LIFE!



The material rings are not anchor points!

MANUSTOP IN USE

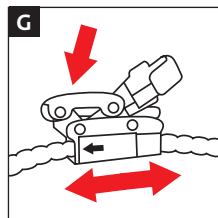
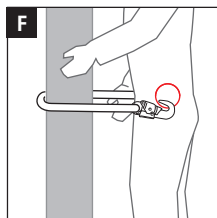
E The MANUSTOP restraint lanyard offers a secure hold whilst working! On harnesses with halved anchor points in the chest area, e.g. STRIPE BASIC, both D-rings can be used as an alternative to D-rings.



APPLICATION

F Pull the lanyard around a mast or structure and hook the connector acc. to EN 362 into the other side D-ring.

CAUTION: RISK TO LIFE!
Anchor points must be adequately strong (observe 12 kN according to EN 795 and/or DGUV Regulation 112-198)!



G Hold the MANUSTOP taut or release. To do this, release the clamp mechanism with the palm of your hand and set the rope length.

ATTENTION:
The parts must be adequately stable.



ATTENTION:
The conditions of wet or frozen areas may vary!



ATTENTION:
Protect the MANUSTOP restraint lanyard against sharp edges, welding flames, sparks and acids, alkalis, oils and other chemicals.



ATTENTION:
Do not reach into the rope/rope shortening device. Risk of injury!



MANUSTOP IN USE

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.

SAFETY REGULATIONS

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
- 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.
- 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, etc.) and mechanical effects (e.g. sharp edges).
- 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 concepts and includes these in the necessary training courses.
E-mail hotline: info@bornack.de
- 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.
- 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.
- Application temperature: -20 °C to +60 °C.
- Check compatibility with other parts of the PPE.
- The securing device and the respective rope must be tested and certified as one unit. No other ropes may be used.
- Before use, ensure adequate clearance below the user to prevent impact on a protruding object or the ground.

OTHER

APPROVAL:

Complies with the Regulation (EU) 2016/425 for PPE.

Type testing and production monitoring by:

DEKRA Testing and Certification GmbH
Dinnendahlstr. 9, D-44809 Bochum
CE 0158

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

- If the goods are to be sold in countries that speak a different language, 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
- Training courses
- Expert inspections
- Technical inspections
- Maintenance + inspections

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

We will be happy to help!

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!

OTHER

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
- 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.

LIFE SPAN

The following recommendation applies for the use of the MANUSTOP restraint lanyard:

Maximum usage period after being used for the first time: 8 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 ensure this 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 or the rope log.

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.

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.

OTHER

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

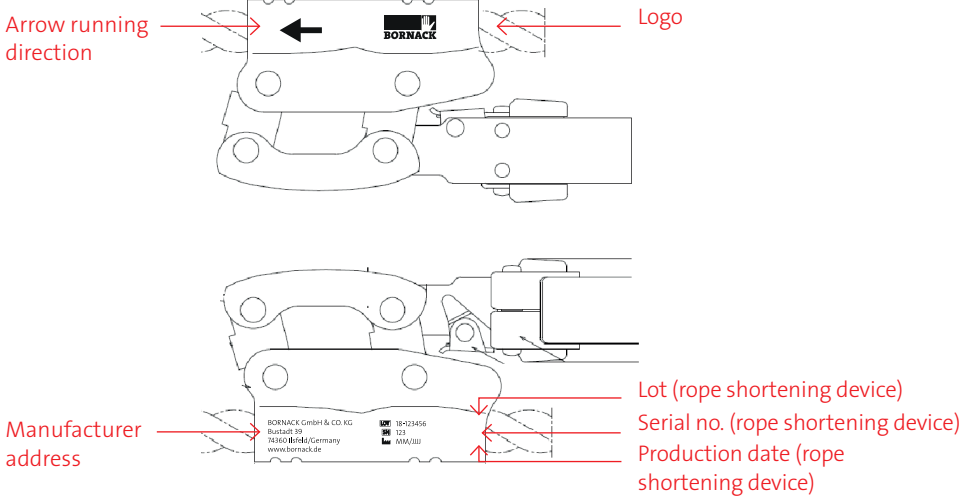
- Protected transport in the device case or device bag.

OTHER

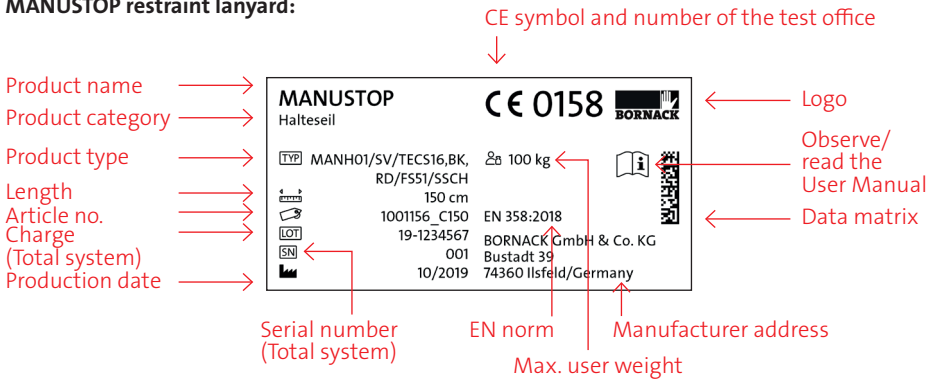
PRODUCT IDENTIFICATION

The following identification is on the product:

MANUSTOP rope shortening device:



MANUSTOP restraint lanyard:



EU DECLARATION OF CONFORMITY



EU Declaration of Conformity

The manufacturer or his authorised representative established within the EU

BORNACK GmbH & Co. KG
Bustadt 39
74360 Ilsfeld
Germany

hereby declares that the following personal protective equipment

Restraint lanyard
MANUSTOP

- 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. ZP/IB107/19 R1

issued by

DEKRA Testing and Certification GmbH
Dinnendahlstraße 9
44809 Bochum
Germany
CE 0158

- 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

DEKRA Testing and Certification GmbH
Dinnendahlstraße 9
44809 Bochum
Germany
CE 0158

6 October 2021

BORNACK GmbH & Co. KG


Ulrike Bornack
Managing Director

TEST CARD

FOR ANNUAL MONITORING

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

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

Type product name: _____

Production date: _____ / _____
Rope shortening device Total system

Charge: _____ / _____
Rope shortening device Total system

Serial no.: _____ / _____
Rope shortening device Total system

Purchase date: _____

Date of first Use: _____

Maximum life span until: _____

	Date	Signature	Next inspection	Reason for inspection
Year 1				
Year 2				
Year 3				
Year 4				
Year 5				
Year 6				
Year 7				
Year 8				

TEST CARD

FOR ANNUAL MONITORING

Please complete:

×	√
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	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Seam patterns undamaged?								
Fittings are in place and undamaged?								
No deformation of metal parts?								
Plastic parts are in place and undamaged?								
User Manual available?								
Product identification legible?								
Connector acc. to EN 362 undamaged / functional?								
Rope shortening device in place and functional?								
Clamping function on the MANUSTOP functional?								
Locking function SNAP fastener functional?								
Other								
OK								
Blocked								



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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