

FALL
PROTECTION
ENGINEERING



HOLD-system

THE CLEVER LIFELINE

With integrated rescue function!

For your own safety.

HOLD-sling

Adjustable Lanyard EN 795 Type B
Personal protective equipment - Anchorage device

**PROTECTION
ENGINEERING**



For your own safety.

fall protection engineering for your own safety.

With our innovative fall protection systems, we increase the productivity and safety of your employees worldwide! We offer comprehensive solutions for fall protection and PPE, including advice, training and inspection.

Projects & services for fall protection

Aviation: As an airport supplier, we offer fall protection solutions for aircraft maintenance, hangar equipment and airport buildings.

Intralogistics - High-bay warehouse: Permanent and temporary fall protection for the maintenance of conveyor technology and maintenance of high-bay warehouses.

Infrastructure: Advice and support for safety systems and design of permanent fall protection systems on buildings, bridges and technical facilities.



fall protection engineering GmbH, Jakob-Auer-Straße 8, 5020 Salzburg, Austria

EU DECLARATION OF CONFORMITY NO. 3

1. Personal protective equipment:

HOLD-system

2. Name and address of the manufacturer:

fall protection engineering GmbH, Jakob-Auer-Straße 8, 5020 Salzburg, Austria

3. This declaration of conformity is issued under the sole responsibility of the manufacturer:

fall protection engineering GmbH, Jakob-Auer-Straße 8, 5020 Salzburg, Austria

4. Object of the declaration: HOLD-system - Horizontal Lifeline Device

HOLD-system

Horizontal Lifeline Device
Horizontale Anschlagseinrichtung

CE0511 EN 795:2012 Typ B/C

CEN TS 16415:2013 Typ B/C

Prod. Dat. - Serien-Nr./Serial no.

max. Benutzeranzahl/max. user: 2

System - Länge/length:



max. Lebensdauer/lifetime:

Statische Belastbarkeit/static strength: 22 kN

fall protection engineering GmbH

Jakob-Auer-Strasse 8, 5020 Salzburg - Austria

www.lifeline-hold.com

patented by fall protection engineering GmbH

5. The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation legislation:

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

6. Harmonised standards or other technical specifications used, in relation to which conformity is declared:

EN 795:2012 Type B/C (as amended by October 2012) and CEN/TS 16415:2013 Type B/C (as amended by April 2013)

7. The notified body:

ALLGEMEINE UNFALLVERSICHERUNGSANSTALT - SICHERHEITSTECHNISCHE PRÜFSTELLE, Vienna Twin Towers Wienerbergstraße 11, 1100 Wien - Austria, Phone: +43 5 9393 21776, Email: stp@auva.at, Website: www.auva.at/stp, Body Number: 0511

performed the EU type-examination (Module B) and issued the EU type-examination certificate (BMB 2024-6456).

8. The PPE is subject to the conformity assessment procedure on quality assurance of the production process according to Module C2 of the regulation EU/2016/425 under surveillance of the notified body:

ALLGEMEINE UNFALLVERSICHERUNGSANSTALT - SICHERHEITSTECHNISCHE PRÜFSTELLE, Vienna Twin Towers Wienerbergstraße 11, 1100 Wien - Austria, Phone: +43 5 9393 21776, Email: stp@auva.at, Website: www.auva.at/stp, Body Number: 0511

9. Additional information:

Signed for and on behalf of fall protection engineering GmbH, Jakob - Auer-straße 8, 5020, Salzburg, Austria

Salzburg, 05.2025

Mag. Claudia Bonhold-Klein
Chief Operating Officer (COO)

For your own safety.

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HOLD-system = HORIZONTAL LIFELINE DEVICE

HOLD-system - Horizontal anchor device according to EN 795:2012 Type B/C, CEN TS 16415:2013, OSHA CFR 1926.502, CFR 1910.140

[Design and development by fall protection engineering GmbH ©2012]

Manufacturer, configuration and quality control of the components: fall protection engineering GmbH, Jakob-Auer-Straße 8, 5020 Salzburg - Austria. Phone: +43 662 262 020;

E-Mail: office@fallprotectionengineering.eu; Web: www.hold-lifeline.com

Pat. AT 514040; GM.DE: 20201410097.8

INSTRUCTIONS FOR USE: Status 05.2024

1. COMPONENTS OF THE HOLD-system

1.1. DESCRIPTION OF THE ANCHOR DEVICE



Figure 1: HOLD-system components

1.2. COMPONENTS OF THE HOLD-system

- 1) 2 pcs. anchor sling (can be omitted depending on the system)
- 2) 2 stainless steel carabiners
- 3) 3 pcs. connecting element - ring
- 4) 1 pc. energy absorber
- 5) 1 pc. kernmantle rope with sewn end and STOP-knot in different lengths
- 6) 1 tensioning and belay device with panic-stop function
- 7) 1 tension element / loop with prusik knot
- 8) 1 pc. aluminium trilock carabiner

2. INSTRUCTIONS FOR USE, SAFETY, SERVICE LIFE, STORAGE AND CARE

This product is part of the Personal Protective Equipment (PPE) against falls from height and must be assigned to one person. The instructions for use must be read before using this product. An instruction in the correct handling of the product is absolutely necessary! The instruction manual must be made available to the user, and must be kept at hand during the entire service life of the equipment.

2.1. INSTRUCTIONS FOR USE

Working at heights and depths involves both subjective and objective hazards due to external influences. While accidents cannot be avoided, they can be prevented. In order to achieve maximum safety when working at height and depth, it is necessary to use standard-compliant equipment appropriately. The right choice of equipment requires experience and is essential for determining a risk assessment. In case of inappropriate physical and / or mental condition of the user, safety may be impaired in both normal and emergency situations. The manufacturer accepts no liability for improper use. In all cases, the responsibility and the risk shall be borne by the user or the responsible person. When using this product, the relevant national laws, standards and regulations must also be observed. Technical rules must to be observed. Before using this equipment, the user must ensure that the following conditions are met in the event of an accident. The PPE system allows an immediate, safe and effective rescue by a trained or specially trained person. PPE products are approved exclusively for the protection of people.

WARNING: If the product is sold to another country, the reseller must ensure that an instructional manual for use, maintenance and periodic inspection is provided in the relevant national language.

2.2. SAFETY INSTRUCTIONS

When this product is combined with other components, there is a risk of mutual interference between the safety and use. If this product is used in conjunction with other components of a rescue/reception system, the user must refer to the enclosed recommendations, notes and instructions for these components before use and comply with them. Use may only be permitted in conjunction with CE-marked components of personal protective equipment (PPE) for protection against falls from a height. The HOLD®-system must not be modified in any way nor adapted by attaching additional parts. Before and after use, the product must be checked for possible damage, the usable condition and correct function to ensure the safety of the product. The product must be rejected immediately if there is any doubt regarding its safety.

Info box

Products must not be exposed to any damaging influences!

This includes contact with corrosive and aggressive substances (e.g. acids, alkalis, solvents, oils, cleaning agents, battery acid), as well as exposure to extreme temperatures and flying sparks. Sharp edges, moisture and icing can impair the strength of textile products!

2.3. SERVICE CLIMATE

The continuous service temperature of the product in dry conditions ranges from approx. -35°C to +55°C (-31°F to 131°F). The product is not suitable for chemically polluted environments!

2.4. STORAGE, CARE AND TRANSPORT

2.4.1. STORAGE

The product must be stored in a cool, dry place, protected from daylight (UV radiation) and away from transport containers. It must be protected from contact with chemicals and must not be subjected to mechanical crushing, pressure or tensile stress.

2.4.2. CARE

Clean soiled products in lukewarm water and rinse well. Leave to dry at room temperature, never in tumble dryers or near radiators! If necessary, lubricate the joints of metal parts with an acid-, alkali- and resin-free lubricant after cleaning.

2.4.3. TRANSPORT

The product must be protected from direct sunlight/UV radiation, chemicals, soiling and mechanical damage. A protective bag or special storage and transport containers should be used for this purpose.

2.5. EXTRAORDINARY EVENTS

After a fall or in the event of damage, the PPE product must be removed from use immediately and checked by a competent person or the manufacturer. In principle, products must be replaced if mechanical, thermal or chemical influences damage the personal fall protection equipment. Repairs may only be carried out by the manufacturer or a body authorised by the manufacturer.

2.6. REVIEW

Depending on the intensity and frequency of use, but at least once a year, the product must be checked and, if necessary, serviced by a competent person or an authorised body. If shorter inspection intervals are prescribed by national legal regulations, these must be complied with. The condition of the system components and, in particular, the legibility of the product labelling must be checked. Once the maximum period of use of 10 years or a maximum storage period of 12 years has been exceeded, the PPE product must be withdrawn from further use. No modifications or repairs may be made to the HOLD-system! Repairs may only be carried out by the manufacturer or authorised and trained persons! The HOLD-system must be inspected by the manufacturer or competent person for PPE inspection at least every twelve months, depending on the load. The test results must be documented in the test log or separately. Regular testing is necessary to ensure the effectiveness and durability of the HOLD-system.

2.7. DURATION OF USE

The service life of the product depends on the type and frequency of use as well as external influences. Products made of chemical fibers (polyamide, polyester, Dyneema, aramid) are subject to natural ageing, even when not in use. This process is particularly influenced by the intensity of ultraviolet radiation and environmental factors. The maximum shelf life under optimum storage conditions (see point 2.4.1 Storage) without use is 12 years. With occasional proper use, with no noticeable wear and storage conditions it is 10 years. With frequent use, the service life of the HOLD-system can be greatly reduced. Damage or wear and tear can already occur during the first use and reduce the service life to a single use. The storage period before the first use without reducing the maximum service life is 2 years from the date of manufacture.

3. USE AND STRUCTURE

3.1. REMOVE HOLD-system FROM THE TRANSPORT BAG

3.2. ANCHOR

Select attachment points with sufficient load-bearing capacity, e.g. steel beams, wooden beams, scaffolding tubes, trees, machine components, etc. The attachment points for installing the HOLD system must be selected so that they can resist a minimum force of 6 kN. Recommendation: The attachment points should be designed with a safety margin of 1.5 times of the load, i.e. 9 kN.

3.3. INSTALLATION WITH AND WITHOUT ANCHOR SLING

3.3.1. REMOVE THE HOLD-system FROM THE TRANSPORT BAG



Figure 2: HOLD system in waterproof transport bag

3.3.2. CHOOSE SUITABLE ATTACHMENT POINTS: MINIMUM LOAD CAPACITY 6 KN

Only attach the sling to a structure with sufficient load-bearing capacity (beam, steel girder, etc.). Adjust the sling to the desired length and place it around the beam or girder. Connect the carabiner to the sling. In case of using a vertical anchor structure (e.g. steel girder or wooden beam etc.), the sling must be wrapped twice to prevent it from slipping.

ATTENTION: Watch out for sharp edges to avoid damaging the slings!



Figure 3: Attachment with HOLD-sling on vertical beam

Alternatively, anchor points can be selected on buildings or other objects. Steel lifting eyes on machines or scaffolding with sufficient load-bearing capacity are also suitable. As part of the risk assessment, the user of the system must consider whether the existing anchor point can be used.



Figure 5: Attachment with carabiner to anchor point

3.3.3. USE OF TENSIONING AND BELAY DEVICE WITH PANIC-STOP FUNCTION

Lay out the rope, slide the rope clamp to the second anchor point and attach the sling to a structure with sufficient load-bearing capacity (beam, steel girder, etc.). Adjust the sling to the desired length and place it around the beam or connect the carabiner to the sling. In case of using a vertical anchor structure (e.g. steel girder or wooden beam etc.), the sling must be wrapped twice to prevent it from slipping. Select a load-bearing anchor point and connect it to the sling of the rope clamp. Alternatively, an anchor point can be selected in accordance with EN 795 Type A or EN 12235 KitA.

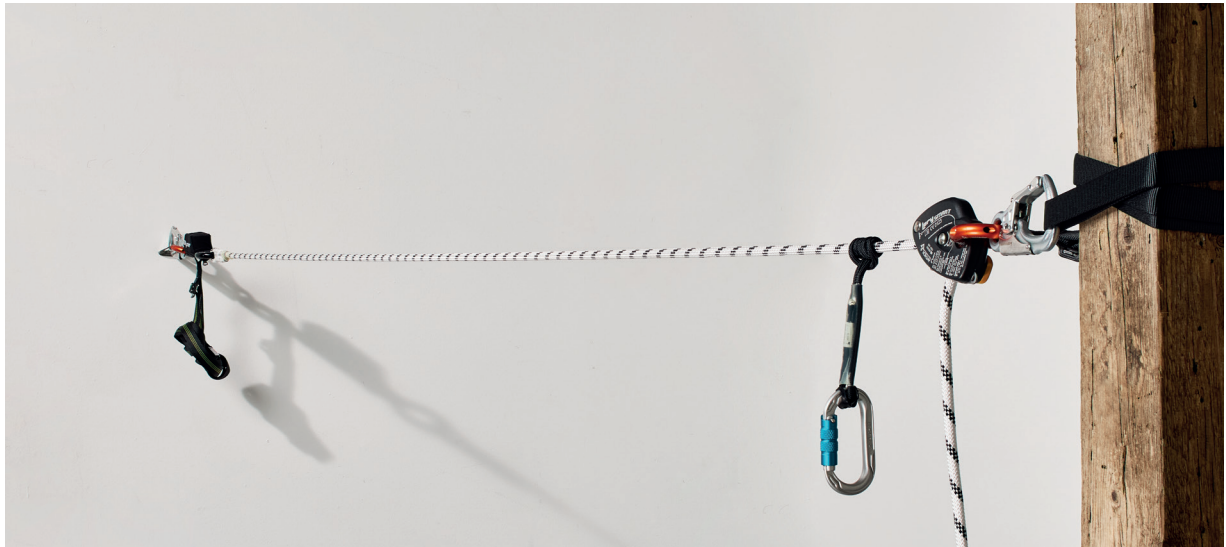


Figure 4: Lifeline can be attached with HOLD-sling or on anchor points

3.3.4. TENSIONING THE HOLD-system

ATTENTION! TENSION WITH STRENGTH OF ONE PERSON!

For tensioning, the prusik sling is placed approx. 2 m (6.56 ft) in front of the rope clamp. The loose end of the rope is hooked into the oval carabiner. Pull the loose end of the rope towards the rope clamp = "pulley block principle". The rope clamp blocks automatically when the loose end of the rope is unloaded. After tensioning, remove the remaining loose rope from the carabiner and stow it in the transport bag. Push the tensioning element (sling with prusik knot) back a little (approx. 5 cm (0.16 ft)) in front of the rope clamp.

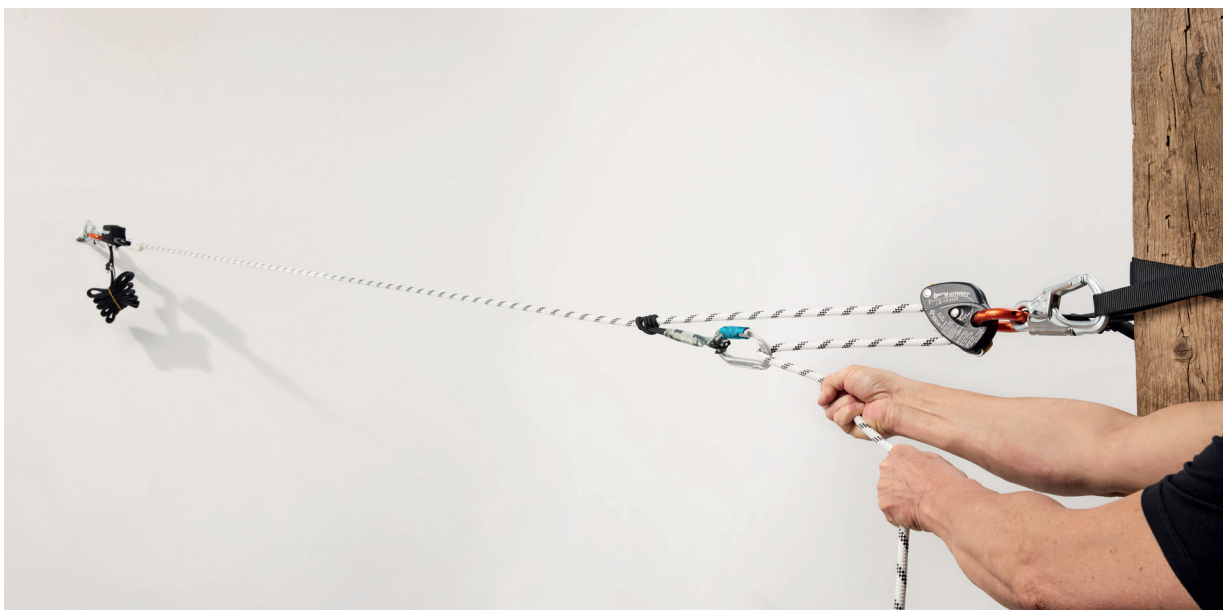


Figure 6: Manual tensioning of the HOLD-system by one person

3.3.5. HOLD-system READY FOR USE

HOLD-system is tensioned and the remaining rope is stowed in the transport bag.



Fig. 7: Lifeline is tensioned at the height of the back eyelet with retractable type fall arrester



Figure 8: Attachment to lifeline with lanyard

4. STRUCTURE WITH SEVERAL FIELDS

If the HOLD-system is stretched over several bays, the maximum bay length (intermediate safety devices) of 15 m must be observed!

Info box

Intermediate fuses must have a load capacity of at least 6 kN (recommended 9 kN)! Intermediate safety carabiners may only be hooked into the rope and must not be fixed or tied to the rope!
Recommendation: Use the HOLD-sling with steel carabiner. The working length is infinitely adjustable.

Carabiners for intermediate safety devices must be made of steel, self-closing and self-locking (e.g. oval carabiner made of steel with triple lock according to EN 362). Anchorage slings in accordance with EN 795 B are suitable as connecting means for the intermediate securing devices, e.g. placed around beams. Anchorage slings must be secured against slipping. HOLD-sling as an adjustable intermediate lifeline: The HOLD-sling is an anchor sling in accordance with EN 795 B. It can be adjusted to any length between 0.1 m and 2 m in length as an I or O connector.

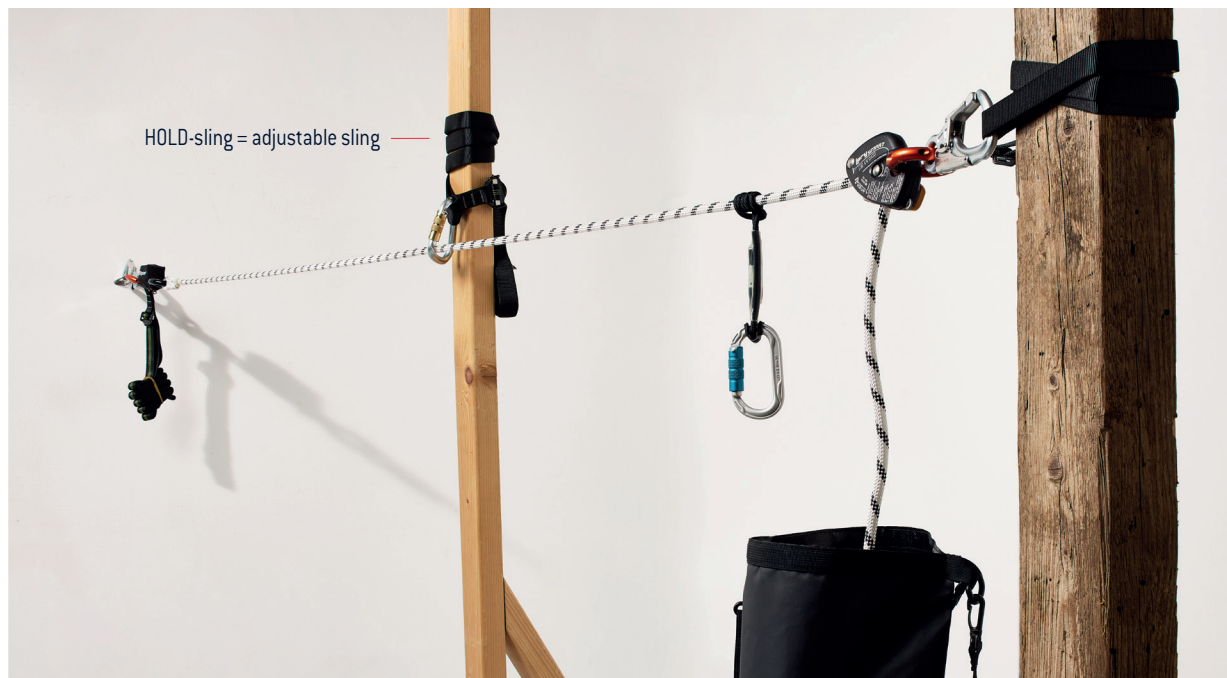


Figure 9: HOLD-system is stretched over several fields with HOLD-sling as an intermediate safety device

5. IMPORTANT INFORMATION ABOUT THE SYSTEM STRUCTURE

The HOLD-system should always be mounted above the user's head in order to minimise the fall space. If the HOLD-system has to be mounted lower than the back eyelet of the harness, this must be taken into account in the required clearance! The fall space can be considerably reduced if an adjustable lanyard is used. (RESET SYSTEM) This should be set as short as possible. The HOLD-system is available in lengths of 20 m, 30 m, 40 m, 60 m and 80 m. If there are multiple fields and/or the field width exceeds the recommended maximum length, the fall space can increase considerably, which can result in hitting the ground.

Recommendation

Install the HOLD-system at least 2.5 m away from the edge of the fall, do not tension spans longer than 15 m and set the lanyards as short as possible! When installing the HOLD-system, ensure that the angle of inclination does not deviate by more than 15° from the horizontal.

5.1. INTENDED USE AND APPLICATION

The HOLD-system was developed for work on roofs, with machinery or on platforms, as well as for event technology and rigging. The anchorage can be used with a safety harness in accordance with EN 361, a lanyard with a shock absorber in accordance with EN 355, an adjustable lanyard in accordance with EN 353-2, or a retractable type fall arrester in accordance with EN 360, all of which are designed to prevent falls. When used as a restraint system for rigging work in event technology, it can be used with an adjustable lanyard according to EN 358 with a maximum length of 2 m, in combination with a safety harness with an eyelet according to EN 361/358. Ensure that there is sufficient free space underneath the work area. The HOLD-system anchorage device should preferably be used as a restraint system; in other words, the fall edge must NOT be exceeded. A risk assessment should be carried out by the supervisor.

The selection of attachment points and the span width must be determined according to the free space under the workplace. The maximum number of users per HOLD-system is two. Any use other than that described in these instructions for use is considered to be improper. Fall protection engineering GmbH shall not be liable for any damages resulting from this. The user alone bears the risk for this! Modifications to the HOLD-system are prohibited. Repairs may only be carried out by the manufacturer or persons authorised and trained by them.

6. FREE SPACE UNDER THE HOLD-system

As an example, illustration 1 shows the installation of the HOLD-system at the height of the dorsal D-ring.

ATTENTION!

Exceeding the anchorage device (lifeline) significantly increases the required clearance below the user!
If the user exceeds the HOLD-system, there is a risk of impact risk of impact with the ground or other objects.
This can lead to life-threatening injuries!!!

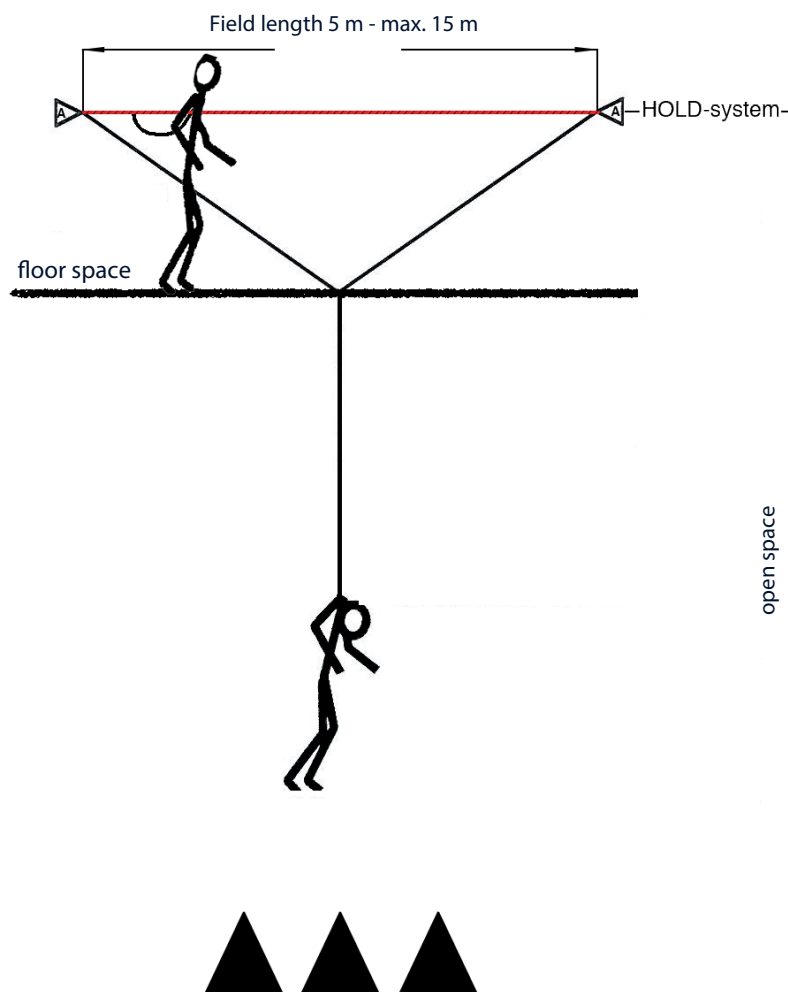


Fig.1: Graphical representation of the use of the HOLD-system. The lifeline is mounted at the height of the dorsal D-ring

7. COMPONENTS FOR CONNECTION WITH A SAFETY HARNESS (EN 361)

- 1) Lanyard according to EN 354/355 combined with a maximum length of 2 meters (6,56 ft), whereby the shock absorber must be hooked into the safety harness. When using a connecting device with the system, the required free space below the user can be increased by the tear length.
- 2) Retractable type fall arrester in accordance with EN 360 with a maximum length of 1.8 to 9 meters (IKAR brand).
- 3) Use as a restraint system in event technology: Adjustable fastener in accordance with EN 358, with a max. length of 2 meters (6,56 ft), for rigging work only in combination with safety harness with eyelets in accordance with EN361/358.

8. USE OF FASTENERS WITH SHOCK ABSORBER

When the HOLD-system is used by one person using a connecting fastener (Edelrid Shockstop) with a maximum length of 2 m including shock absorber, a clearance of at least 4.5 m was determined with a field width of 5 to 10 m in the event of a fall during the test. For field widths over 10 m up to max. 15 m, a clearance of 6 m is recommended.

ATTENTION!

If lanyards are used with shock absorbers from other manufacturers in accordance with EN354/355, the required clearance distance below the user is ensured by the tearing length of the belt shock absorber!

Use of fasteners with a maximum length of 2 m by 1 person

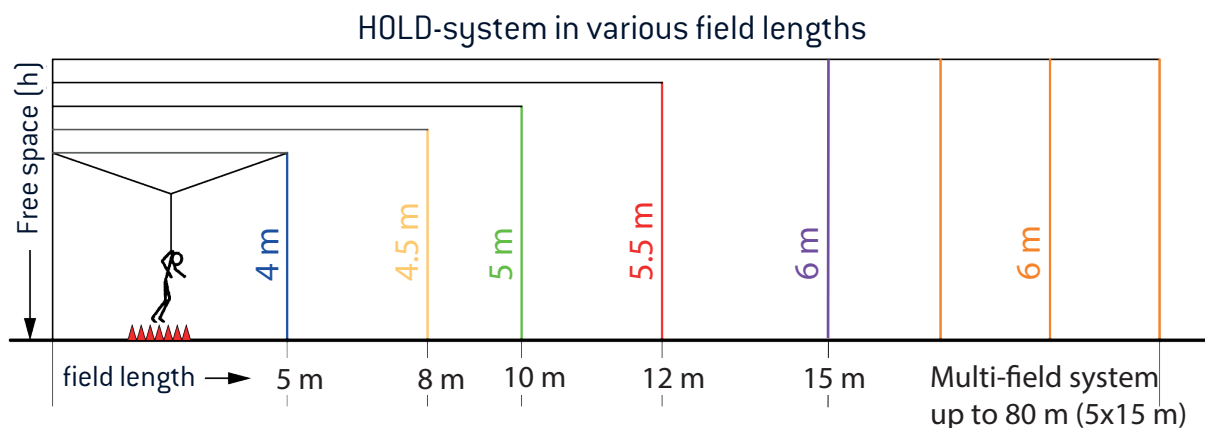


Table 1: Clearance and field length when using fasteners (Edelrid Shockstop) with shock absorber

9. USE WITH FALL ARRESTERS

The required clearances under the user's anchorage device are specified in the tables:

Info box

Users can attach themselves to any bay with a fall arrester from the following list. The required heights can be found in the clearance tables. The following models were tested: IKAR HWB 1.8 m, HWB 2 m, HWB 2X, HWDB2 m, HWB 2DX, HWB 2.8 m, HWB 3.5 m, HWPB 3.5 m, HWPB 5.5 m, HWPB 7 m and HWPB 9 m.

RESPECT LIFE-THREATENING RISKS! The use of other devices is not permitted and may cause the system to fail!

IKAR HWB 1,8 / HWB 2 / HWB 2X

HOLD-system in various field lengths

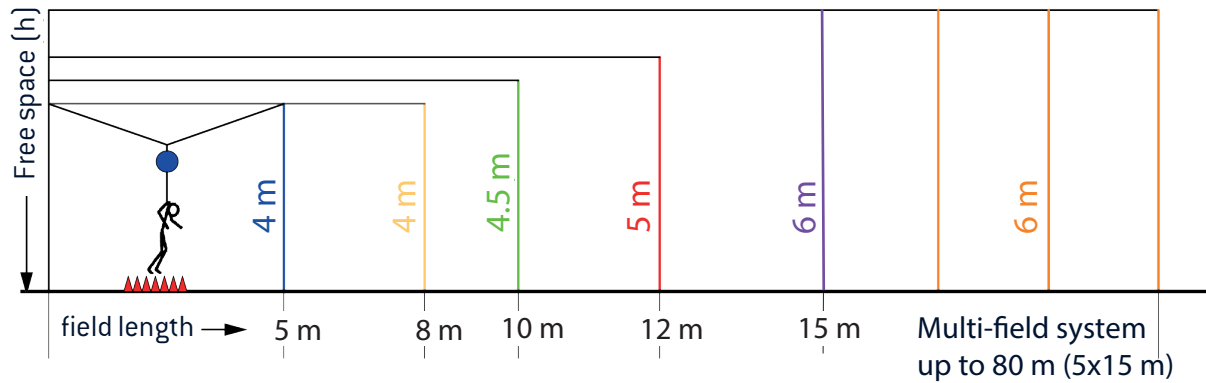


Table 2: Clearance and bay length when using fall arrest blocks from 1.8 m to 2.5 m in length

IKAR HWB 2,8 / HWB 3,5 / HWPB 3,5 / HWPB 5,5

HOLD-system in various field lengths

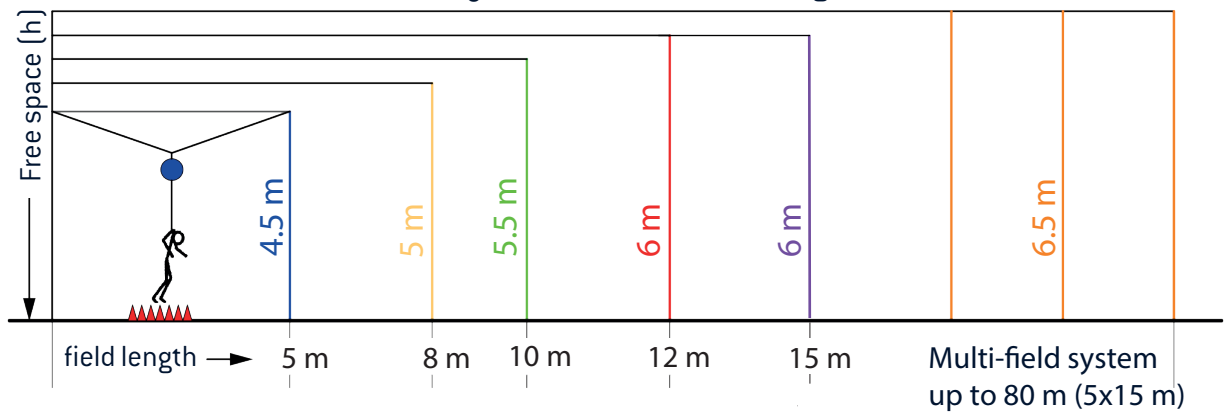


Table 3: Clearance and field length when using fall arrest blocks from 2.8 m to 5.5 m in length.

IKAR HWPB 7 / HWPB 9

HOLD-system in various field lengths

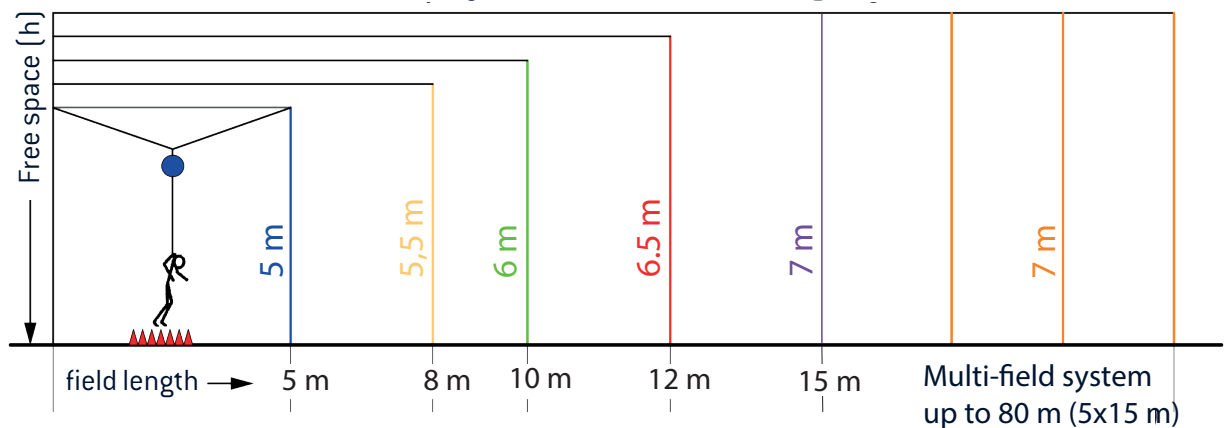


Table 4: Clearance and field length when using fall arrest blocks from 7 m to 9 m in length

Info box

The use of alternative retractable type fall arresters is possible, provided that the manufacturer's instructions are observed. In addition, the clearance specified in the operating instructions for the respective devices must be supplemented by the slack of the HOLD-system. Otherwise, the fall protection system may fail!

All tests were carried out with a test mass of 140 kg. The preload was 1 kN (tensile force of one person). If the pretension is undercut or the fields are widened, this can increase the required clearance.

Caution: Risk of injury!

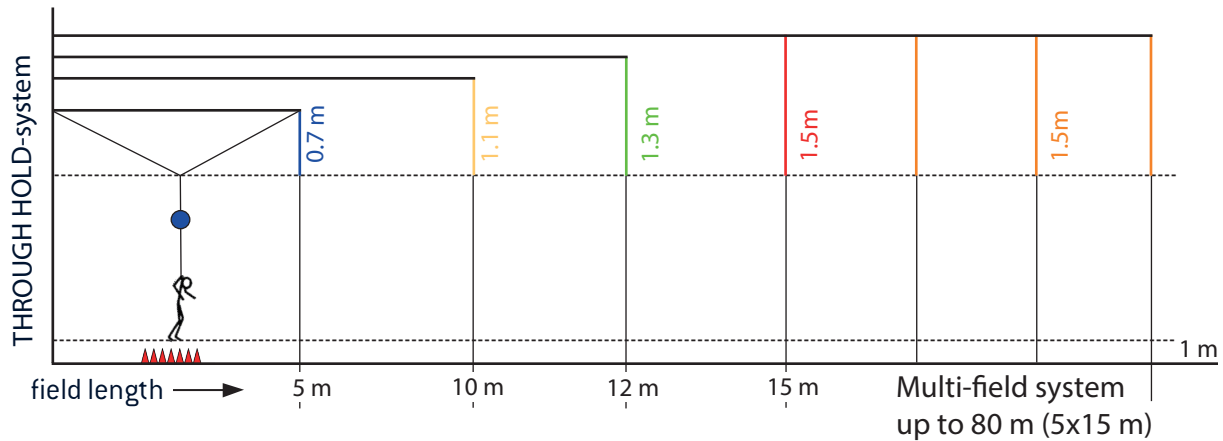


Table 5: Sag table for self-calculation of the required free space

10. RESCUE

The HOLD-system was equipped with a rope clamp including panic protection, which can be used in case of a rescue (controlled draining).

Attention:

Before starting work, a rescue concept must be defined that considers all possible emergencies and is adhered to by everyone involved in the work. The rescue of an accident victim is only permitted to instructed persons. All users must be specially instructed in rescue procedures. The instruction must be carried out on site and shall include theoretical and practical knowledge. Scope, content and duration depend on the hazards identified. Before a rescue with the HOLD-system is carried out, the rescuer must make sure that the loose rope is long enough to lower the casualty to the ground. The rope must be twice the length of the distance from the victim's position to the ground.



Fig. 11: Carabiner is hooked into the vertebra and closed

Info box

Before the casualty is lowered, it must be ensured that the fastener or fall arrest blocks cannot get caught during the rescue or lowering procedure!

- a) Remove the carabiner from the tension element/prusik loop and place it in the connector swivel at the rope clamp. Feed the remaining rope running out of the rope clamp "Lory/EDDY" through the carabiner and close the karabiner.



Figure 12: Lowering an injured person

- b) Hold the loose end of the rope with your braking hand, slowly raise the emergency release lever of the rope clamp and slowly release the injured person.
- c) If the lowering lever of the rope clamp is tightened too abruptly, the panic safety device is triggered and the rope stops automatically! To continue lowering, the lowering lever must be pushed back to the starting position jerkily and should be retightened slowly in order to lower the casualty further.

11. PRODUCT LABELING ACC. EN 795:2012 TYP B/C

Manufacturer, assembler and quality control of the components: fall protection engineering GmbH, Jakob-Auer-Straße 8, 5020 Salzburg, Austria. Tel.: +43 662 262 020, Fax: +43 662 262 020-5;
Email: office@fallprotectionengineering.eu; Web: www.fallprotectionengineering.eu

Reference data of the labeling:

Anchor device with horizontal movable guide in accordance with EN 795:2012 Type B/C:

Type: HOLD-system

Year of manufacture: XX.XXXX (e.g. 01.2019), batch number / serial number: XXXX (e.g. 0001) Max.

number of users according to EN 795:2012 Type B/C: one person

System length: [in meters]: xx m (e.g. 50 m)

Max. service life: XX.XXXX (e.g. 01.2029)

Notified body responsible for issuing the EU-type examination certificate for this product:

notified inspection body: 0511

GENERAL ACCIDENT INSURANCE INSTITUTION/SAFETY INSPECTION AUTHORITY:

Vienna Twin Towers, Wienerbergstraße 11, 1100 Wien - Austria

(Identification number: 0511)

Module C2 in accordance with PPE Regulation 2016/425:

The notified body monitoring production in accordance with the regulation is:

GENERAL ACCIDENT INSURANCE INSTITUTION/SAFETY INSPECTION AUTHORITY:

Vienna Twin Towers, Wienerbergstraße 11, 1100 Wien - Austria

(Identification number: 0511)

IDENTIFICATION OF THE HOLD-system:

Serial number indicates the month and year of manufacture.

The HOLD-system is on the rope end seams. The product is available in lengths of 20 m, 30 m, 40 m, 60 m and 80 m.

HOLD-system

Horizontal Lifeline Device
Horizontale Anschlageneinrichtung

CE 0511 EN 795:2012 Typ B/C

CEN TS 16415:2013 Typ B/C

Prod. Dat. - Serien-Nr./serial no.:

max. Benutzeranzahl/max. user: 2

System - Länge/length:

max. Lebensdauer/lifetime:

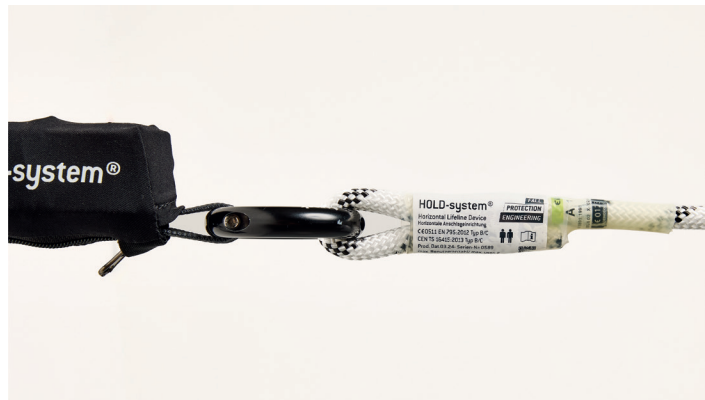
Statische Belastbarkeit/static strength: 22 kN

fall protection engineering GmbH

Jakob-Auer-Strasse 8, 5020 Salzburg - Austria

www.lifeline-hold.com

patented by fall protection engineering GmbH



Attention:

Failure to observe these instructions could result in
death!

Instructions for use in accordance with EN 795:2012 TYP B/C

END

CONTINUE TO THE USE INSTRUCTIONS ACCORDING TO CEN TS 16415 - AND OSHA USE BY TWO PERSONS>>>>>>

12. INSTRUCTIONS FOR USE ACCORDING TO CEN TS 16415 - USE BY TWO PERSONS

12.1. USE BY TWO PERSONS

The HOLD-system has been individually tested in addition to EN 795:2012 B/C by the ALLGEMEINE UNFALLVERSICHERUNGSANSTALT/SICHERHEITSTECHNISCHE PRÜFSTELLE; Vienna Twin Towers, Wienerbergstraße 11, 1100 Wien - Austria gemäß CEN/ TS 16415 Typ B/C and may therefore also be used by two people at the same time.

Points 1 to 6 of the instructions for use must be observed and are valid!

12.2. ANCHOR POINTS FOR USE BY 2 PERSONS

Info box

For construction, assembly and procedure, please refer to points 3.3 to 4 of these instructions for use.

When used by two people, the attachment points for the HOLD system must be selected so that they can withstand a minimum strength of 9 kN.

12.3. CLEARANCE BELOW THE HOLD-system WHEN USED BY 2 PEOPLE

As an example, the illustration shows the installation of the HOLD-system at the height of the back eyelet. If both users are in separate fields, the tables in points 8 and 9 can be used to assess the required clearance.

DANGER!

If the HOLD-system is used by two people in one bay, the space required below the user can increase considerably in the event of a fall. **RECOMMENDATION:** To prevent the second person from being dragged along in the event of a fall, the users should be in separate bays or the HOLD-system should be used in separate bays and only as a restraint system!

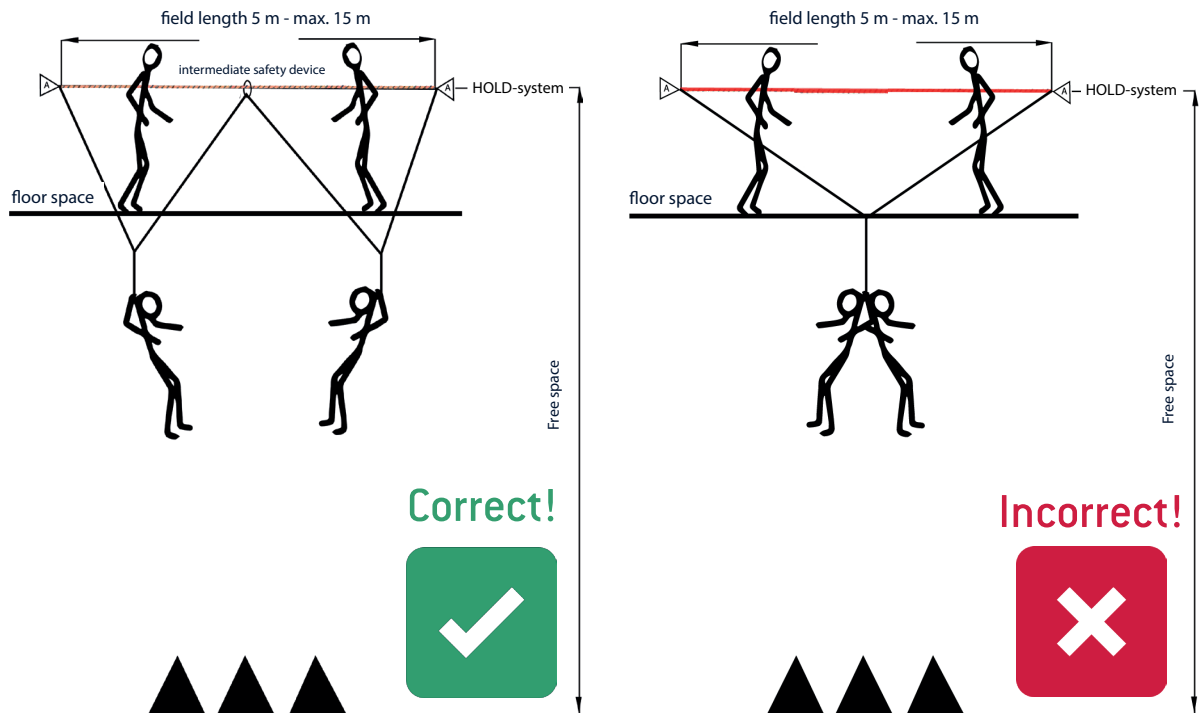


Fig.2: Use of the HOLD-system by 2 people, lifeline mounted at the height of the back eyelet

When the HOLD-system is used by two persons using a connecting means (EDELRID Adjust) with a maximum length of 2 m including shock absorber, a clearance of at least 5.5 m with a field width of 5 to 8 m in the event of a fall was determined during the test. For field widths over 8 m up to a maximum of 15 m, a clearance of 7 m is recommended.

ATTENTION!

Make sure that there is only one person per field to prevent the other from getting pulled away!
If lanyards with fall arresters from other manufacturers in accordance with EN354/355 are used, the required clearance below the user can be extended by the tear length of the shock absorber!

Use of fasteners with a maximum length of 2 m by 2 persons

HOLD-system in various field lengths

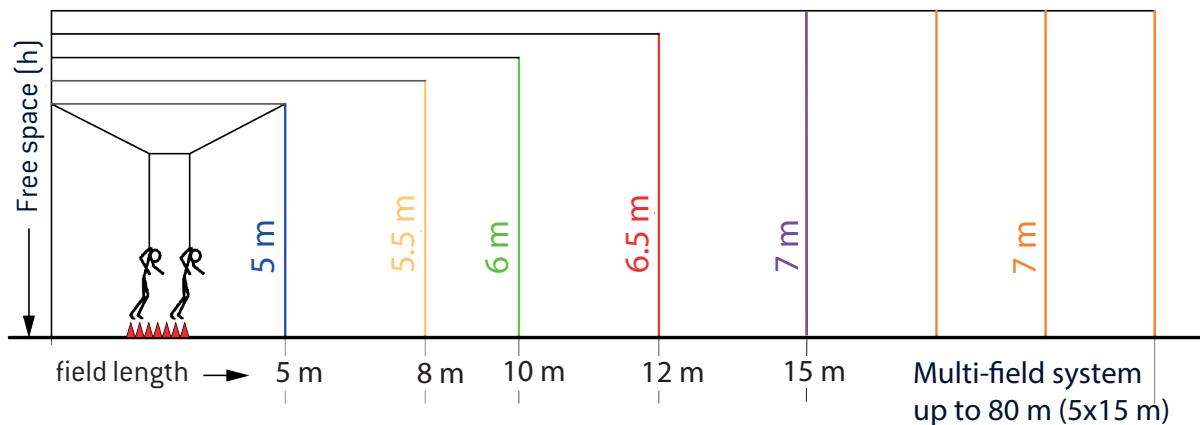


Table 6: Clearance and field length when using lanyards (Edelrid Shockstop) use by 2 people

IMPORTANT NOTE!

It is recommended to adjust the field lengths in such a way that there is sufficient residual rope available for a rescue to be carried out. The maximum field lengths can be found in Table 1 to 4.
Using more than the recommended number of fields and/or a larger field width than recommended can increase the fall area considerably, the fall area can increase considerably and can increase the risk of hitting the ground.
Risk of injury and death!

13. USE WITH RETRACTABLE TYPE FALL ARRESTER FOR 2 PERSONS

The HOLD-system can be used by two people with IKAR fall arresters as described in section 9. Both people must stay in separate fields to prevent being pulled along in the event of a fall. The clearance required in section 9 must be observed.

14. SPECIAL APPLICATION: FIREFIGHTING, ROOFING, SCAFFOLDING AND EVENT RIGGING

Extra instructions for use as a download, on the website or on request:

Email: office@fallprotectionengineering.eu

Web: www.hold-lifeline.com

Firefighting equipment set: Safety and rescue system type LEON: www.so-hoehensicherheit.de

15. PSaGA DOCUMENTATION AND REVIEW FORM

HOLD-system - Horizontal anchor device EN 795:2012 Type B/C and CENTS16415 TYPE B/C

COMPANY / NAME:	MODEL:
ADDRESS:	Serial number:
LOCATION:	

Review of the history			
Year of manufacture:		Purchase date:	
		Day of first commissioning:	
The results of the review are subject to the proviso that the components components requiring inspection are not systematically eliminated for one of the following reasons: • component has absorbed a fall with a fall factor greater than 1. • component has been used intensively for more than 6 months, normally for 12 months, occasionally for 4 years. • components that is over 10 years old (according to manufacturer's specifications) and/or has been stored for up to 12 years.			

The inspector has no liability for incorrect information provided by the user regarding the history of use.

VISUAL INSPECTION OF THE SAFETY COMPONENTS	
COMPONENTS: anchor sling, carabiner, shock absorber, connecting elements, kernmantle rope, rope clamp, aramid sling	
TEXTILE COMPONENTS	
Sling:	Cuts, abrasion, burns, traces of chemicals, mechanical damage
Kernmantle rope:	Cuts, abrasion, burns, traces of chemicals, mechanical damage
Belt energy absorber:	Protective components (protective cover and shrink tubing), torn strap energy absorber, severed and worn safety seams
Prusik sling:	Cuts, abrasion, burns, traces of chemicals, mechanical damage
Webbing:	Abrasion, loose loops, existing seam protection (shrink sleeve), end stitching
METAL COMPONENTS	
Carabiner body:	Deformation, indentation deeper than 1 mm, abrasion, corrosion, legibility of marking
Connecting element (ring):	Condition of the screw connection, deformation, indentation deeper than 1 mm, Abrasion, corrosion, legibility of the marking, compatibility of the screw connection
ROPE CLAMP	
Body of the rope clamp:	Deformation, cracks, dents, corrosion, abrasion at the inlet and outlet of the rope, locking of the spring axis, fixed and movable half-shell, riveted connection, legibility of the marking
Brake cams:	Groove of the cam, axis, locking, mobility, legibility of the marking
Drain lever and drain:	Braking, positioning, functional test of the panic safety device of the lowering lever, release of the anti-panic function, panic safety device, deformation, legibility of the marking

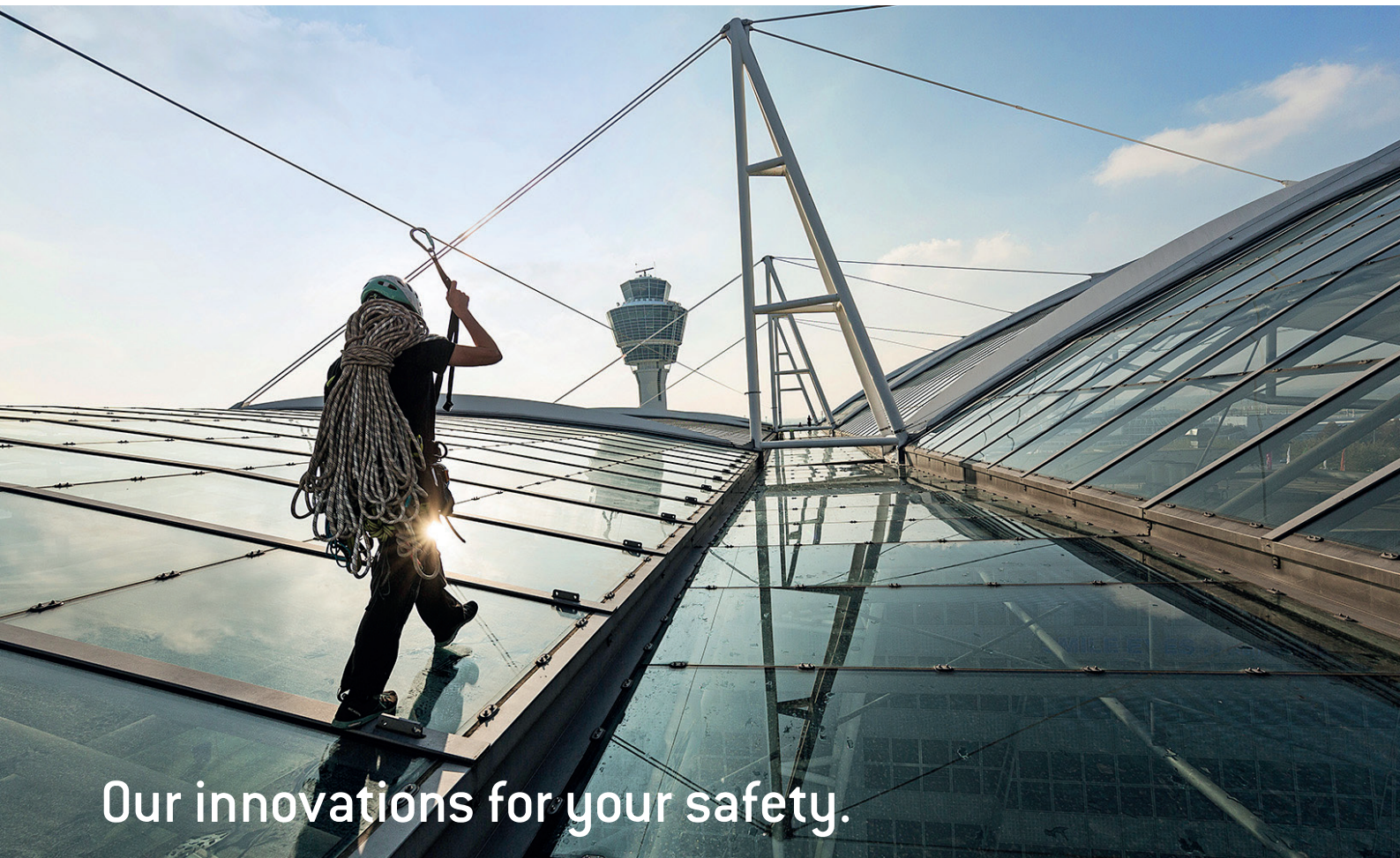
YEAR 1			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
YEAR 2			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
YEAR 3			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
4TH YEAR			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
5TH YEAR			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	

6TH YEAR			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
7TH YEAR			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
8TH YEAR			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
9TH YEAR			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date of the next review:	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	
10TH YEAR			
Comment:			
RESULT OF THE AUDIT:			
The product may continue to be used and is apparently in order.			
The product may no longer be used and is obviously damaged.			
Date of review:		Date	
DATA AND SIGNATURE OF THE AUDITOR:			
Name:	Address:	Signature - Stamp:	

Please retain this occupational safety document and present it to the inspector during the periodic inspection!

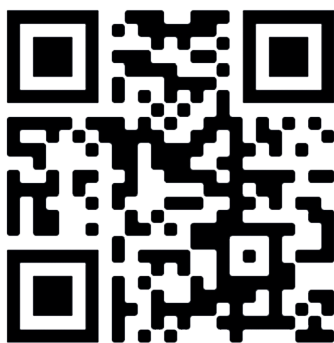
fall protection engineering GmbH, Jakob-Auer-Straße 8, 5020 Salzburg - Austria - Status 05.2025

FALL PROTECTION ENGINEERING



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For your own safety.



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