

Industrial and Rescue Products

rock empire®



Personal Protection Equipment for Working Safely at Heights

2020

**X rock
empire®**
Experts at heights



Dear Business Partners,

The history of our outdoor equipment company dates back to 1990. After a long period of shortages and unavailable goods, the opening of new business opportunities after the Velvet Revolution resulted in the first production of sports equipment driven by the enthusiasm of several climbers. From the beginning, a close relationship was established with the emerging Hudy Sport business network, which in 1994 created a sister company, Hudy Production. The company specialized in production of climbing harnesses, and the ROCK EMPIRE® brand was born, and it quickly became synonymous with first-class climbing equipment.

The development of the company has always been connected with Hudy Sport a.s., which, for years, has successfully secured the business activities of the ROCK EMPIRE® brand in the Czech Republic and abroad. Together, we have supported a number of talented climbers, climbing expeditions as well as events for climbing enthusiasts and the general public. These contacts have always been very important to us when deciding on which direction to focus on. However, every development has its limits and we achieved our own in 2007, when we separated the interests of export-oriented Hudy Production and Hudy Sport's retail-focused business. In summer 2008, the ROCK EMPIRE s.r.o. company was officially established as an independent entity, and, in 2009, we took over the export rights of the registered ROCK EMPIRE® brand.

The development of mountaineering equipment has always gone hand-in-hand with the general needs of equipment for working safely at heights, which is subject to strict safety standards and certifications. As time went by, it was necessary to separate the production of sports and work equipment and create specific equipment for each market. The result

is a comprehensive range of personal fall protection products from ROCK EMPIRE® which you can find in this catalogue.

Currently, our products are sold worldwide in more than 50 countries. Our products are designed based on years of experience and in direct cooperation with customers. With everything we design and build, we strive for maximum functionality, usability and comfort. Industrial equipment of interest this year include our new range of **MASTER full-body harnesses with a revolutionary waist adjustment system**, which allows for one harness which the user can set to a specific size as needed. Our **EQUIP** full-body harness offers a low weight and versatile use for rescuers or fire-fighters. Our **Atlas Lock** full-body harness is based on the proven design of the traditional Skill Uni with some important upgrades. We have also prepared new interchangeable chest harnesses for the MASTER and ATLAS harnesses, whereby you can choose the harness to suit your needs by choosing combinations and thus get a comfortable harness, exactly according to your wishes. One of the other innovations are the new energy absorbers Absorber Pro and Absorber Pro Twist. In combination with the new Lanyard Stretch and Connect Ring you can create several combinations.

In addition to the new products we designed and manufactured this year, we also focused on the new vision of the company. There were several reasons to change the logo from technical reasons, where the old design was not entirely suitable and flexible for the digital era, to design reasons related to our vision. Our new logo and its "cross" represent the designation of a place, destination, reaching a dimension. It is a symbol for a solid and certain point that can be relied upon... .. AND IT IS Rock Empire.

Jiří Chaloupka, CEO



NOTICE

Activities that use personal protective equipment (PPE) can endanger your life or health! Therefore, for your own safety, please note the following:

- Always first thoroughly read the PPE Instructions for Use and keep for future reference
- Always use the PPE in the manner for which they were intended
- Attend the necessary training and certification courses
- Regularly inspect your PPE especially older and worn PPE and, when required, have your equipment inspected by a certified PPE examiner
- In the event of questions or uncertainty about the use of our PPE products, please contact ROCK EMPIRE s.r.o.

Industrial and Rescue Products

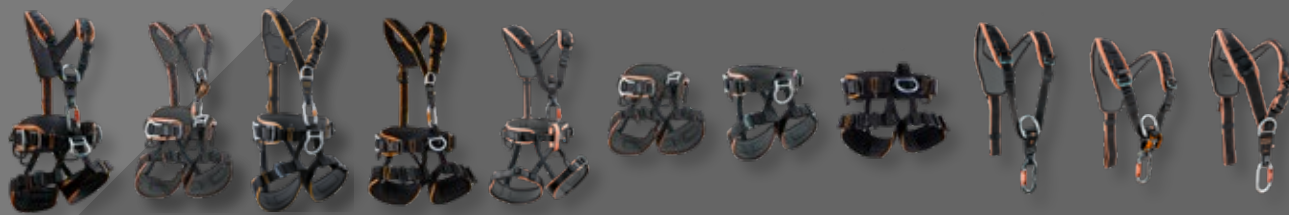
2020

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INDUSTRIAL HARNESSES



6



TYPE		Master	MasterUP	Atlas UNI	Atlas Lock UNI	Equip	Master Belt	Atlas Belt	Atlant Lock Belt	Chest Master	Chest UNI	Chest Master UP	
Code		SVM001	SVM002	SVA005	SVA002	SVE001	CUM001	CUA001	CUA002	CUM003	CUA003	CUM033	
Weight		1950g	2060g	2187g (XS-M)	2566g (XS-M)	1040g (XS-M)	1380g	1454g (XS-M)	1700g (XS-M)	514g	753g	753g	
WAIST	XS-M	70-130cm	70-130cm	66-110cm	66-110cm	70-110cm		66-110cm	66-110cm		uni 90-130cm	uni 90-130cm	uni 90-130cm
	L-XXL			80-130cm	80-130cm	83-130cm	70-130cm	80-130cm	80-130cm				
LEG LOOPS	XS-M	54-80cm	54-80cm	54-65cm	54-65cm	46-65cm		54-65cm	54-65cm				
	L-XXL			60-80cm	60-80cm	55-75cm	54-80cm	60-80cm	60-80cm				
Norm		EN 361, EN 358, EN 813	EN 361, EN 358, EN 813	EN 361, EN 358, EN 813	EN 361, EN 358, EN 813	EN 361, EN 358, EN 813, EN 12277	EN 358, EN 813	EN 358, EN 813	EN 358, EN 813	EN 361	EN 361	EN 361	



All the working harnesses are manufactured with the greatest care in the CZECH REPUBLIC.

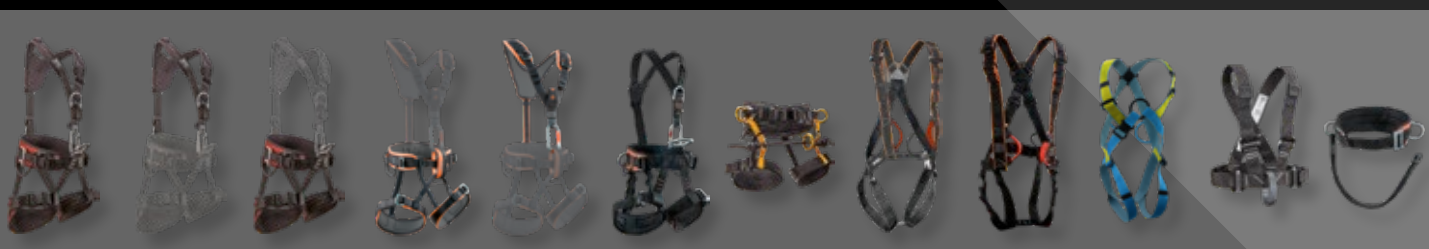
WE RESPOND QUICKLY TO SPECIALIZED REQUESTS.

WE TREAT EVERY CUSTOMER WITH RESPECT AND ACT IN A PROFESSIONAL MANNER.

WE PROVIDE COMPREHENSIVE CUSTOMER SERVICE.

WE INSPECT PERSONAL PROTECTION EQUIPMENT FOR WORK AT HEIGHTS ACCORDING TO EN 365.

WE OFFER TRAININGS WITH A FOCUS ON TECHNICAL SPECIALISTS IN THE FIELD OF WORKING AT HEIGHTS AND ABOVE FREE DEPTHS ACCORDING GOVERNMENT REGULATION NO. 362/2005 COLL.



Skill Profi AL	Skill Profi Chest Al	Skill Profi Belt	Equip Belt	Chest Equip	Skill Econ	Skill Tree	Skill Lite	Skill Lite Adventure	Ronda	Skill Chest	Skill Position
VUP003	VUP007	VUP001	CUE001	CUE003	CUP001	CUT002	VUL001	VUL002	CUR001	VUC003	CUP002
2 486g (L-XXL)	584g	1 902g (L-XXL)	662g (L-XXL)	447g	1 924g (L-XXL)	1 970g (XS-M)	790g	924g	738g (L-XL)	514g	586g
66-110cm	uni 90-130cm	66-110cm	70-110cm	uni 90-130cm	66-110cm	70-110cm	uni Height Measurement: 160-210cm	uni Height Measurement: 160-210cm	145-175cm (S-L) 160-210cm (L-XL)	uni 90-130cm	uni
80-130cm		80-130cm	83-130cm		80-130cm	80-130cm					
54-65cm		54-65cm	46-65cm		54-65cm	54-65cm					
60-80cm		60-80cm	55-75cm		60-80cm	60-80cm					
EN 361, EN 358, EN 813		EN 358, EN 813	EN 358, EN 813	EN 361	EN 361, EN 358, EN 813	EN 813, EN 358	EN 361	EN 361	EN 12277, EN 361	EN 361	EN 358

INDUSTRIAL HARNESSSES

* Master SVM001



MASTER is state of the art full-body harness with a revolutionary waist adjustment system.

Weight: 1 950 g
Size: uni
Norms: CE EN 361, EN 358, EN 813
EN 361, EN 813: User Max. Weight 140 kg
EN 358: User Max. Weight 150 kg

- The waist belt is composed of three pieces, which allows you to purchase one standard size and then customize the sizing to your exact fit requirements.
- User can move the positioning points (EN 358) exactly according to his needs.
- The harness is also comfortable thanks to the reinforced padded waist belt and leg straps.
- Wide versatility is also provided by the system of variable slots (in combination with an accessory cord) on the back of the waist belt.
- For storing small items (such as a knife, etc.), you can use a small slots located on the shoulder straps.
- Reflective elements, 6 classic gear loops and a haul loop on the back are included.
- Easy adjustment with steel buckles.
- The loose ends of the adjustment straps can be secured with the Clip Smart system.
- The connection points are forged from aluminum (RE design), except for the back attachment point, which is rarely used, and is hidden in a covered slot and can be removed when needed, which makes it more comfortable when wearing a backpack. To reduce the overall weight of the harness, this back attachment point is made from reinforced textile. The front attachment point includes a strap with a small aluminum buckle for attaching a chest ascender to the harness.
- Coming soon is a version of the chest harness with a sewn-in chest ascender (RE Chest UP Ascender).
- Strong elastic (accordion-style) straps connecting the legs to the waist on the back of the harness, which automatically adjust and ensure optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).



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* Atlas Uni SVA005



A fully-outfitted, comfortable, mid-level work harness designed to be versatile. The waist belt (Atlas Belt) is based on the well-proven Skill UNI design.

Weight: 2 187 g (XS-M)
Size: XS-M, L-XXL
Norms: CE EN 361, EN 358, EN 813
EN 361, EN 813: User Max. Weight 140 kg
EN 358: User Max. Weight 150 kg

- With 6 gear loops and steel positioning rings according to EN 358.
- The front of the waist belt includes two reinforced textile loops – one for the carabiner which attaches to the shoulder harness and a separate loop for the D-ring, which serves as the attachment point for connecting descending devices. An innovation which extends the life of the harness.
- Steel quick buckles are used to adjust the optimum size.
- The loose ends of the adjustment straps can be secured with the Clip Smart system.
- Strong elastic (accordion-style) straps connecting the legs to the waist belt on the back of the harness, which automatically adjust and ensure the optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).



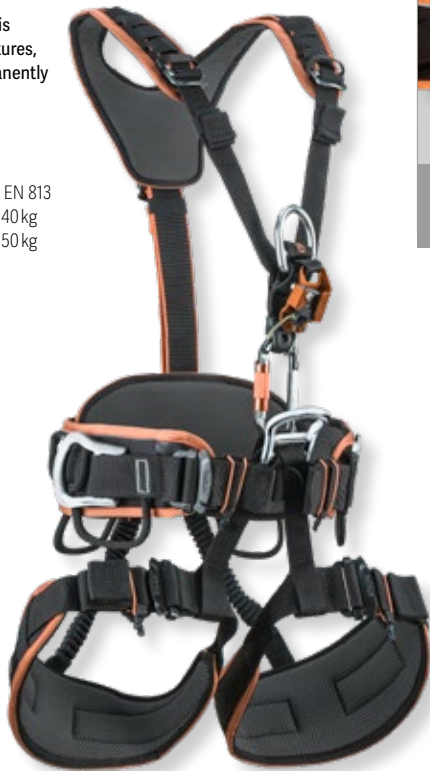
YouTube

* Master UP SVM002



The Master UP full -body harness is a MASTER harness with all its features, but with an chest ascender permanently sewn onto the harness.

Weight: 2 060 g
 Size: uni
 Norms: CE EN 361, EN 358, EN 813
 EN 361, EN 813: User Max. Weight 140 kg
 EN 358: User Max. Weight 150 kg



The revolutionary adjustment system on the back of the waist belt allows for one harness to fit an entire range of sizes.



Master and Master UP are equipped with the Smart Clips.

* Clip Smart SCS001



Clip Smart is a small, light-weight and very practical clip for easily and quickly attaching the loose ends of the adjustment straps to your waist belt and legs loops. Primarily designed for 45 mm straps. However, it can also be used for narrower sizes. Sold in a pack of 4.

Weight: 6.4 g
 Material: Nylon



* Atlas Lock Uni SVA002



A fully-outfitted, comfortable, mid-level work harness designed to be versatile. Equipped with fast release steel buckles for quick and easy placement of harness and adjustment. The waist belt (Atlas Belt) is based on the well-proven Skill UNI design.

Weight: 2 566 g (XS–M)
 Size: XS–M, L–XXL
 Norms: CE EN 361, EN 358, EN 813
 EN 361, EN 813: User Max. Weight 140 kg
 EN 358: User Max. Weight 150 kg

- With 6 gear loops and steel positioning rings according to EN 358.
- The front of the waist belt includes two reinforced textile loops – one for the carabiner which attaches to the shoulder harness and a separate loop for the D-ring, which serves as the attachment point for connecting descending devices. An innovation which extends the life of the harness.
- Four fast release steel buckles for quick and easy placement of harness and adjustment.
- Strong elastic (accordion-style) straps connecting the legs to the waist belt on the back of the harness, which automatically adjust and ensure the optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).



INDUSTRIAL HARNESSSES

* Master Belt CUM001



Harness with a revolutionary waist adjustment system. The waist belt is composed of three parts, which allows you to purchase one standard size and then customize the sizing to your fit requirements. Another undisputed advantage is that the user can move the side positioning points (EN 358) exactly according to his needs.

Weight: 1 380 g EN 358: User Max. Weight 150 kg
 Size: uni EN 813: User Max. Weight 140 kg
 Norms: CE EN 358, EN 813

- Wide versatility is also provided by the system of variable slots (in combination with an accessory cord) on the back of the waist belt.
- The harness is also comfortable thanks to reinforced padded leg straps.
- Strong elastic (accordion-style) straps connecting the legs to the waist on the back of the harness, which automatically adjust and ensure optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).



The revolutionary adjustment system on the back of the waist belt allows for one harness to fit an entire range of sizes.



* Atlas Belt CUA001



Atlas Belt is based on the well-proven Skill UNI design. Atlas Belt can be combined with chest harnesses CHEST MASTER, CHEST UNI, or CHEST UP to create a comfortable, versatile, full-body harness.

Weight: 1 454 g (XS-M) EN 358: User Max. Weight 150 kg
 Size: XS-M, L-XXL EN 813: User Max. Weight 140 kg
 Norms: CE EN 358, EN 813

- 6 gear loops and steel positioning rings according to EN 358.
- The innovative front of the waist belt includes two reinforced textile loops – one for the carabiner which attaches to the shoulder harness and a separate loop for the D-ring, which serves as the attachment point for connecting descending devices.
- Steel quick buckles are used to adjust to the optimum size.
- Strong elastic (accordion-style) strap connecting the legs to the waist belt on the back of the harness, which automatically adjusts and ensures optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).
- The loose ends of the adjustment straps can be secured with the Clip Smart system.
- Atlas Belt can be combined with one of the following chest harnesses: CHEST MASTER, CHEST UNI, or CHEST UP to create a comfortable, versatile, full arrest full-body harness.



* Chest Master CUM003



Chest Master can be combined with a ATLAS BELT or MASTER BELT to create a comfortable, versatile, full arrest full-body harness.

Weight: 514 g
 Size: uni
 Norms: CE EN 361

- For storing small items (such as a knife, etc.), you can use small slots located on the shoulder straps.
- Contains reflective material for better visibility under difficult conditions.
- The front attachment point for fall arrest is aluminium and includes an auxiliary strap with a small aluminum buckle for use with a chest ascender.
- The back attachment point is from textile and it is hidden in a covered pocket and can be removed only when needed.



* Chest Master UP CUM004



Chest Master UP can be combined with a ATLAS BELT or MASTER BELT to create a comfortable, versatile, full arrest full-body harness. Chest Master Up is shoulder harness with permanently attached Chest Up chest ascender.

Weight: 753 g
 Size: uni
 Norms: CE EN 361

- For storing small items (such as a knife, etc.), you can use small slots located on the shoulder straps.
- Contains reflective material for better visibility under difficult conditions.
- The front attachment point for fall arrest is aluminium.
- The chest ascender is sewn in permanently just above the front attachment point and is thus always ready for optimal use. The back attachment point is a textile reinforced loop to reduce weight of the chest harness. Because it is not used so often this attachment point can be hidden in a covered pocket.



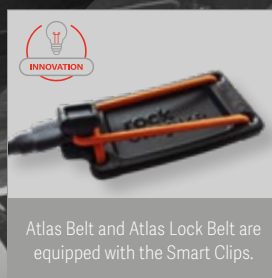
× **Atlas Lock Belt** CUA002



Atlas Lock Belt with fast release steel buckles for quick and easy placement of harness and adjustment. Atlas Belt can be combined with chest harnesses CHEST MASTER, CHEST UNI, or CHEST UP to create a comfortable, versatile, full-body harness.

Weight: 1 700 g (XS–M)
 Size: XS–M, L–XXL
 Norms: CE EN 358, EN 813
 EN 358: User Max. Weight 150 kg
 EN 813: User Max. Weight 140 kg

- 6 gear loops and steel positioning rings according to EN 358.
- The innovative front of the waist belt includes two reinforced textile loops – one for the carabiner which attaches to the shoulder harness and a separate loop for the D-ring, which serves as the attachment point for connecting descending devices.
- Two fast release steel buckles for quick and easy placement of harness and adjustment.
- Strong elastic (accordion-style) strap connecting the legs to the waist belt on the back of the harness, which automatically adjusts and ensures optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).
- Equipped with a practical Clip Smart system.
- Atlas Belt can be combined with one of the following chest harnesses: CHEST MASTER, CHEST UNI, or CHEST UP to create a comfortable, versatile, full arrest full-body harness.



Atlas Belt and Atlas Lock Belt are equipped with the Smart Clips.

WAIST BELTS CAN BE COMBINED WITH ANY OF THE CHEST HARNESSES SHOWN BELOW.

× **Chest Uni** CUA003



CHEST UNI can be combined with an ATLAS BELT or MASTER BELT to create a comfortable, versatile, full arrest full-body harness.

Weight: 753 g
 Size: uni
 Norms: CE EN 361

- CHEST UNI is based on the proven Skill Profi design.
- For storing small items (such as a knife, etc.), you can use small slots located on the shoulder straps.
- The front attachment point includes a strap with a small aluminum buckle for attaching a chest ascender to the harness.
- The front and back attachments are made from steel and therefore very durable.



× **Chest Master Flash** CUM005



Chest Master Flash can be combined with ATLAS BELT or MASTER BELT to create a comfortable, versatile, full arrest full-body harness. It is equipped with a unique lighting system. Available starting in 2020.

Weight: 760 g
 Size: uni
 Norms: CE EN 361

- For storing small items (such as a knife, etc.), you can use small slots located on the shoulder straps.
- Chest Master Flash is equipped with a unique lighting system. The amount of light is 50–25 lumens. Visibility up to 2 km depending on conditions. Battery life is 7.5 hours. The whole lighting system is waterproof.
- The front attachment point includes an auxiliary strap with a small aluminum buckle for use with a chest ascender. The back attachment point is a textile loop and can be hidden in a covered pocket and can be removed only when needed.



* EQUIP SVE001



A fully-outfitted, comfortable work harness designed to be versatile and yet offer a low weight. This harness is also suitable for rescuers and rope parks. In fact, it is a synthesis of a sport and work harness. The sit harness can be bought and used separately. It is ideal for big wall climbing.

Weight: 1 040 g (XS-M)
Size: XS-M, L-XXL
Norms: CE EN 361, EN 358, EN 813, EN 12277
EN 361, EN 813: User Max. Weight 100 kg
EN 358: User Max. Weight 150 kg

- All attachment points are textile.
- It also contains reflective material for better visibility under difficult conditions.
- 6 gear loops, belay loop, and shoulders are equipped with slots for small items or tools.
- The back attachment point is hidden in a covered pocket and can be removed only when needed.
- Strong elastic (accordion-style) strap connecting the legs to the waist belt on the back of the harness, which automatically adjusts and ensures optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).



YouTube



* Chest Equip CUE003



Chest Equip can be combined with harness Equip Belt. Together, they create a fully-outfitted, comfortable work harness designed to be versatile and yet offer a low weight. This harness is also suitable for rescuers and rope parks.

Weight: 447 g
Size: uni
Norms: CE EN 361

- All attachment points are textile.
- It also contains reflective material for better visibility under difficult conditions.
- Shoulders are equipped with slots for small items or tools.
- The back attachment point can be hidden in a covered pocket and removed only when needed.
- The front attachment point includes an auxiliary strap with a small aluminium buckle for use with a chest ascender.



* Equip Belt CUE001



A fully-outfitted, comfortable harness designed to be versatile and yet offer a low weight. This harness is also suitable for rescuers and rope parks. In fact, it is a synthesis of a sport and work harness. The sit harness can be used separately or together with CHEST EQUIP. With 4 buckles total, it is ideal for big wall climbing.

Weight: 662 g (L-XXL)
Size: XS-M, L-XXL
Norms: CE EN 358, EN 813
EN 813: User Max. Weight 100 kg
EN 358: User Max. Weight 150 kg

- All attachment points are textile.
- It also contains reflective material for better visibility under difficult conditions.
- 6 gear loops.
- Positioning loop (15 kN).
- 2 Positioning points.
- Strong elastic (accordion-style) straps connecting the legs to the waist belt on the back of the harness, which automatically adjust and ensure optimum positioning of the legs in relation to the waist at all times (especially walking vs. sitting).



* Skill PROFIAL



The full body harness, Skill PROFIAL, is designed to arrest falls. It is fully adjustable with a padded waist belt, leg loops, shoulder straps and fast release buckles.

Weight: 2 486 g (L-XXL)
 Size: XS-M, L-XXL
 Norms: CE EN 361, EN 813, EN 358
 EN 361, EN 813: User Max. Weight 140 kg
 EN 358: User Max. Weight 150 kg

- Two attachment points for fall arrest on the front and back part of the harness (EN 361).
- Two attachment points on the front and back for use with descenders (EN 813).
- Two rings for work positioning (EN 358).
- Attachment (EN 813), positioning (EN 358) and light-weight fall arrest points (EN 361) tested at 15 kN.
- Four fast release buckles for quick and easy placement of harness and adjustment.
- The loose ends of the adjustment straps can be secured with the Clip Smart system.
- Anatomically shaped shoulder straps with reinforced loops for rescue situations.
- Reinforced webbing loop for attaching a chest ascender.
- Any certified carabiner (EN 362) can be used to connect the chest harness to the sit harness.
- Identification and pictogram labels protected by plastic and special pocket on waist belt.
- Space on waist strap to install Rock Empire's plastic hook, Helper, for carrying slings, tools, etc.



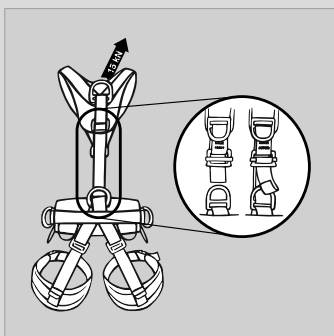
* Skill PROFI CHEST AL VUP007

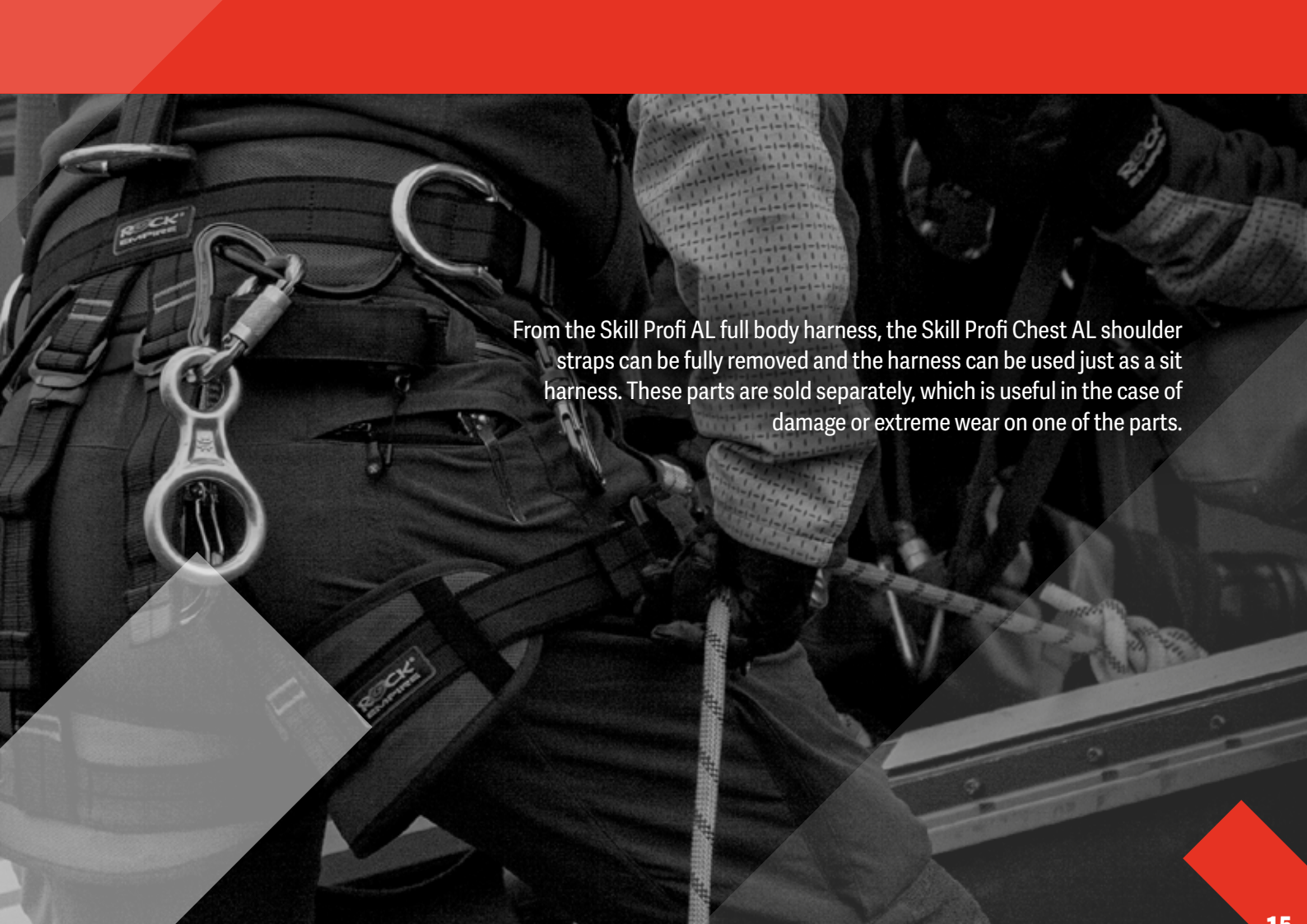


Shoulder harness, Skill Profi Chest AL, in combination with Skill Profi Belt creates a fully-outfitted harness for fall arrest (EN 361). The harness is fitted with lightweight buckles for quick and easy adjustment. Part of the harness (SKILL PROFI CHEST) is a carabiner with an anti slip webbing protector.

Weight: 584 g
 Size: UNI
 Norms: CE EN 361

- Two attachment points for fall arrest on the front and back part of the harness (EN 361).
- Anatomically shaped shoulder straps with reinforced loops for rescue situations.
- Reinforced webbing loop for attaching a chest ascender.





From the Skill Profi AL full body harness, the Skill Profi Chest AL shoulder straps can be fully removed and the harness can be used just as a sit harness. These parts are sold separately, which is useful in the case of damage or extreme wear on one of the parts.



*** Skill PROFİ BELT AL** VUP001



The SKILLPROFI BELT sit harness is designed for work positioning. Can be used alone or in combination with the SKILL PROFİ CHEST as a full- body harness. Fully adjustable with padded waist belt and leg loops. The loose ends of the adjustment straps can be secured with the Clip Smart system.

Weight: 1 902 g (L-XXL)
Size: XS-M, L-XXL
Norms: CE EN 813, EN 358
EN 358: User Max. Weight 150 kg
EN 361: User Max. Weight 140 kg

- Any certified carabiner (EN 362) can be used to connect the chest part to the sit harness.
- Two attachment points for fall arrest on the front and back part of the harness (EN 813).
- From the Skill Profi AL full body harness, the Skill Profi Chest AL shoulder straps can be fully removed. The chest and sit harnesses are sold separately, which is useful in the case of damage or extreme wear on one of the parts.
- The loose ends of the adjustment straps can be secured with the Clip Smart system.

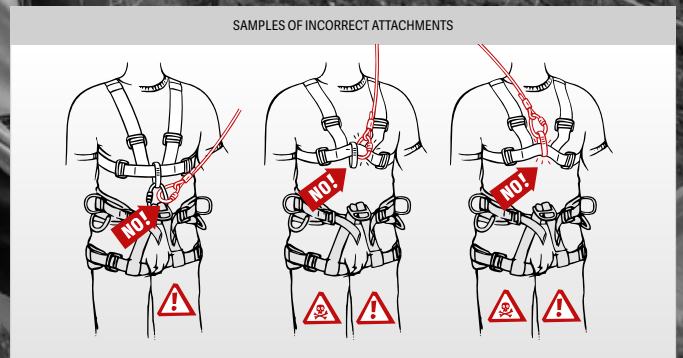
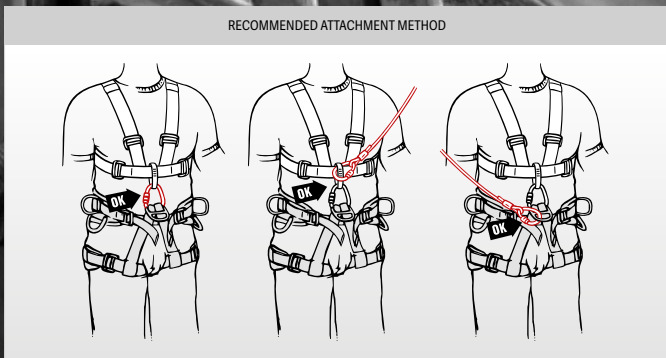
*** Clip Smart** SCS001



Clip Smart is a small, light-weight and very practical clip for easily and quickly attaching the loose ends of the adjustment straps to your waist belt and legs loops. Primarily designed for 45 mm straps. However, it can also be used for narrower sizes. Sold in a pack of 4.

Weight: 6,4g
Material: Nylon





* **Skill ECON** CUP001



Skill ECON is a full-body, fall arrest harness, which offers users outstanding well-balanced parameters including weight, utility, durability and price.

Weight: 1 924 g (L-XXL)
Size: XS-M, L-XXL
Norms: CE EN 361, EN 358, EN 813
EN 361, EN 813: User Max. Weight 140 kg
EN 358: User Max. Weight 150 kg

- Skill ECON is a full-body, fall arrest harness ideal for users, who, during their work, need a harness that offers a combination of fall restraint and positioning, safe work on structures (construction) and work using rope techniques. When needed by the user, it is simple to attach a chest ascender, carabiners and other devices to the harness.
- Skill ECON is compact, easily adjustable full-body harness, and its benefits will be appreciated by those who work at heights, over open depths and also rescue and security professionals.



* **SKILL CHEST** VUC003



Skill CHEST is a fully adjustable chest harness. In combination with a sit harness, Skill CHEST creates a full-body harness to arrest falls (EN 361). Harness is equipped with light buckles that allow quick and easy positioning. Important notice: Skill CHEST is only to be used in combination with a certified sit harness, not by itself!

Weight: 514 g
Size: uni
Norms: CE EN 361

* **RONDA** CUR001



Full-body sport climbing harness suitable for Via Ferrata routes and for beginners and intermediate climbers. This harness may also be used in work situations. It meets PPE norm, EN 361, to protect against falls from a height.

Weight: 738 g
Size: S-L, L-XL
Norms: CE EN 361, EN 12277
EN 361: User Max. Weight 140 kg



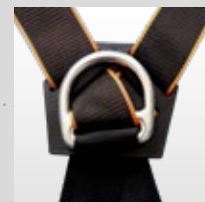
* Skill Lite VUL001



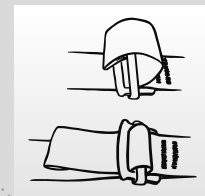
A full-body work harness designed to arrest falls. Designed for working in places where there is an increased risk of falling (especially on roofs and inclined surfaces). Two attachment points meet norm EN 361. One size fits all.

Weight: 790 g
 Size: uni
 Norms: CE EN 361
 EN 361: User Max. Weight 100 kg

- Two attachment points for fall arrest, in front and back of the harness where ring is made of alloy and tested at 15 kN (EN 361).
- Light buckles allow for quick and easy setup.
- Two gear loops.
- Identification label and pictograms.
- The front strap (with plastic three-pronged buckle) under the front attachment point is not an attachment point and is not designed to carry any weight.



Back Attachment Point EN 361



* SKILL POSITION CUP002



Work positioning waist belt Skill Position offers work positioning for its users and should only be used in locations where there is no risk of a fall. An integral part of the work positioning waist belt is a durable strap with a length of 80 cm. The waistbelt is offered in one universal size.

Weight: 586 g
 Size: uni
 Norms: CE EN 358

- The work positioning waistbelt is not intended for the prevention of a fall, fall arrest or work at heights!



* Omega CUD002

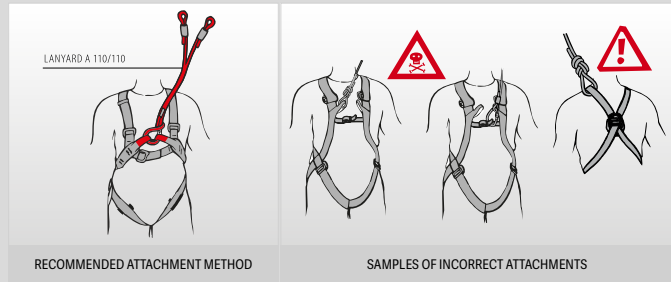


The rescue loop OMEGA (class A) is designed and intended to hold a person waiting to be rescued in a secure, defined position. OMEGA increases the safety for the person to be rescued especially when completing the rescue in an unsecured or less accessible space.

Omega can be easily packed in its attached case for carrying it before and after use.

Weight: 370 g
 Norms: CE EN 1498, typ A





* Skill Lite Adventure VUL002



The full body harness, Skill LITE ADVENTURE is suitable for adventure parks, rope courses and working at heights.

Weight: 924 g (XS-L)
 Size: XS-L, L-XL
 Norms: CE EN 361
 EN 361: User Max. Weight 100 kg

- Fully adjustable webbing harness to arrest falls.
- Lightweight buckles allow easy size adjustment.
- Equipped with two attachment points that meet EU standards (EN 361).
- Two gear loops.
- Identification label and pictograms.
- One size fits all.
- The front auxiliary strap below the front attachment point is strong.

* ALPHA CUD001



The evacuation triangle ALPHA with shoulder straps is designed primarily for evacuation of individuals when using special rope techniques. The evacuation triangle ALPHA is made of an elastic material, which guarantees a snug fit around the evacuee. During an evacuation, this fit allows for comfort, safety and an increased secure feeling for every evacuee from small children to full grown adults.

Weight: 870 g
 Size: uni
 Material: Nylon/polyamid and polyester
 Maximum load: 150 kg
 Norms: CE EN 1497, EN 1498, EN 365

- Different loop colors allow for selecting the optimal size quickly and easily in every situation and the triangle has adjustable shoulder straps.
- Evacuation triangle ALPHA can easily be packed into the pocket sewn on the triangle and, once packed, it is a small compact package that easily clips on to a rescuer's harness.
- The elastic material ensures easy handling of the evacuation triangle ALPHA even at low temperatures, when other materials can harden and become inflexible.
- The materials used in the ALPHA gives it an outstanding low weight.
- Only for rescue purposes.



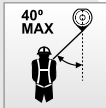
RETRACTING FALL ARRESTERS

* Retracting Fall Arrester 2.4 m ZWB012

Protects against falls from heights, safety system provides automatic capture in the event of a fall.

Weight: 0.85 kg
 Maximum load: 140 kg
 Norms: CE EN 360

- The system includes a shock absorber, which reduces the impact, in cases of falls.
- Retracting Kevlar strap:
 Length: 2.4 m, Width: 17 mm.
- Horizontal and vertical use.
- For work at heights or in rope parks/ adventure courses.
- For one-person use.
- Made in EU.

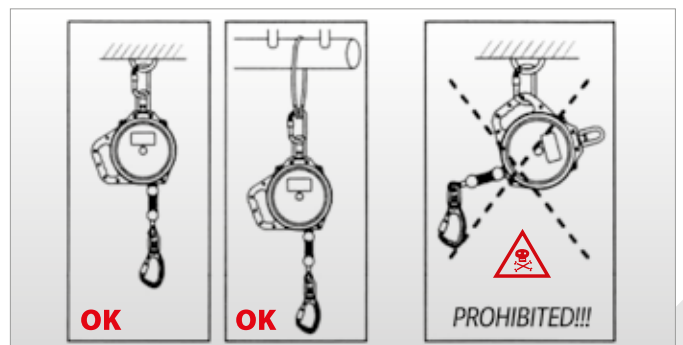
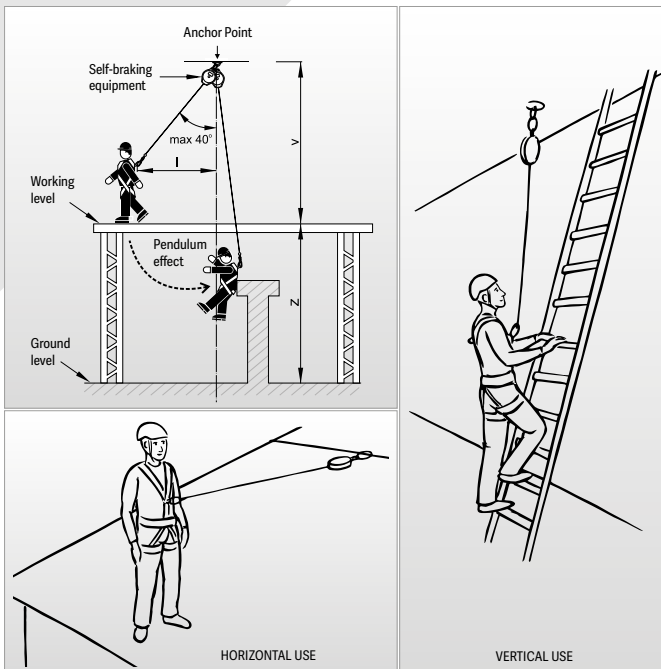


* Retracting Fall Arrester 15 m ZWB014

Protects against falls from heights, safety system provides automatic capture in the event of a fall.

Weight: 5.1 kg
 Maximum load: 140 kg
 Norms: CE EN 360

- Galvanized steel wire with a diameter of 4 mm, length of 15 m.
- Steel wire carabiner is equipped with overload indicator.
- Horizontal and vertical use.
- For work at heights or in rope parks/ adventure courses.
- For one-person use.
- Made in EU.



* Roper Safe SWR001



A simple, but highly effective fall arrest device designed for ropes with diameters from 11 to 12 mm. ROPER SAFE comes equipped with the ROPER CLIP as added insurance, which, when used properly in the event of a fall, substantially eliminates the possibility of continuous dragging of the fall arrester on the rope. At the same time, it provides safer rappelling when using a two-rope technique.

Weight: 183 g
Norms: CE EN 353-2



* Roper Fix

A positioning system designed to precisely achieve and fine-tune working positions. Roper Fix includes an 11mm rope lanyard with a reinforced stitched loop at one end and a covered knot at the other end along with the Roper device attached to the rope between the ends. The Roper positioning device is locked onto the lanyard with a recessed screw. Roper Fix can be removed from the lanyard only by using a hex wrench, which provides protection against improper placement. Because of the removable screw, it is possible to replace the lanyard if needed due to wear and tear.

The Roper Fix comes with a 0.5 m protection sleeve that moves easily and can be replaced or removed. Each side of the protection sleeve has a different outer surface for better protection and durability depending on the type of work surface.

	Length
CWR020	200 cm
CWR035	350 cm
CWR050	500 cm
Norms:	CE EN 358



* Roper ZWR001



Fall arrest device and positioning device. Suitable for ropes with diameters from 11 to 12 mm. Free movement on the rope in both directions. A locking wheel controls the friction on the rope, thus reducing the wear on the rope to a minimum and ensuring smooth movement on the rope.

Weight: 163 g
Norms: CE EN 353-2



* Roper clip ZWR002



The Roper Clip, when used with the ROPER, ensures greater safety, which, when used properly in the event of a fall, substantially eliminates the possibility of continuous dragging of the fall arrester on the rope.

Weight: 19 g



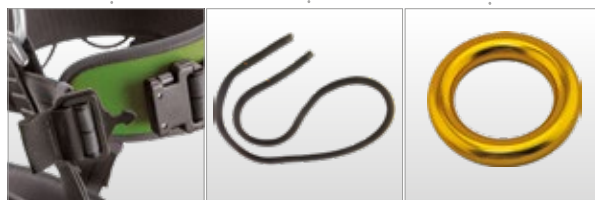
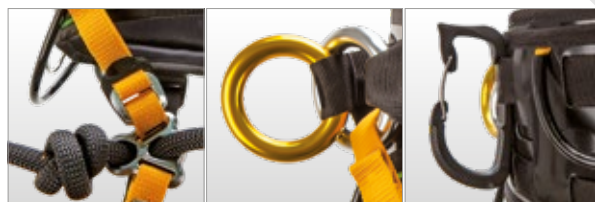
* Skill TREE CUT002



Sit harness Skill TREE is designed for arboricultural work at heights. Extremely comfortable, padded harness allows for longer durations in trees. Suitable for professionals as well as amateurs in the field of tree climbing and work in trees.

Weight: 1 970 g
 Size: XS-M, L-XL
 Norms: CE EN 813, EN 358
 EN 813: User Max. Weight 140 kg

- Two points with rings made of light alloy for work positioning (EN 358).
- Securing knots on the rope bridge.
- Three fast release buckles allow for easy adjustment and placement.
- Waist strap in the back offers several places for the attachment.
- of the Rock Empire plastic hook "HELPER" for carrying saws, slings, kits, etc.
- A moveable front attachment ring (EN 813) with a strength of 22 kN.
- The "O-ring" can connect to descenders for work at heights.
- Rope bridge between the legs is removable and can be easily replaced.
- Fully adjustable with heavily-padded waist belt and leg loops.
- Six loops for material and other tools.
- Identification label and pictograms.



* Throw Bag



A throw bag of double-layered strong synthetic PA textile. Three weights are available: 300 g, 350 g and 400 g.

	Model	Weight
VWM001	Bat 30	300 g
VWM002	Bat 35	350 g
VWM003	Bat 40	400 g
Material:	Strong synthetic PA textile	



* Double Decker VWD002



DOUBLE DECKER is used in arboriculture as an anchoring loop. The two different size rings allow for easy installation by the user and withdrawal of the anchor point. Double Decker protects the tree from damage.

Weight: 202 g
 Loop length: 100 cm (including O-rings)
 Width of strap: 30 mm
 Ring Dimensions: Large ring (gold color) diameter: Outside/inside – 69/45 mm
 Small ring (silver color) diameter: Outside/inside – 52/28 mm
 Norms: CE EN 795.B

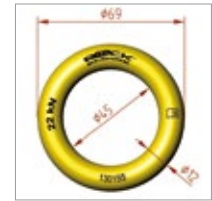
- O-rings are color coded.
- Includes identification label.



*** O-Ring** ZWO001

Attaches to the rope bridge on the Skill TREE harness. Offers users better mobility side-to-side while extending the life of the rope bridge.

Diameter: 45 mm
Color: gold
Strength: 22 kN

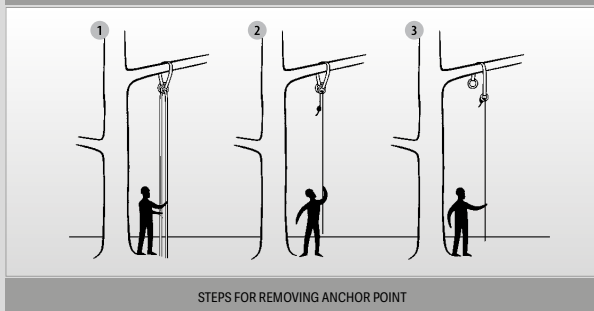
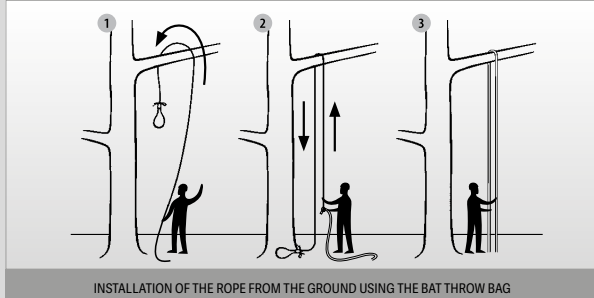
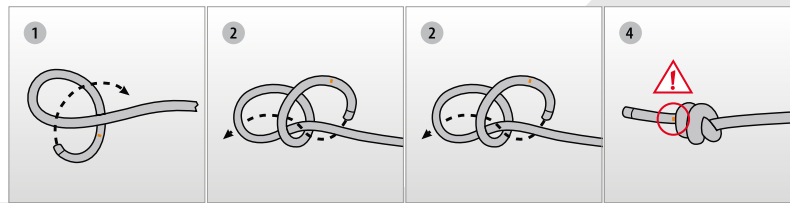


*** Rope Bridge** VWB001

It is designed for connecting in-between the legs loops of the Skill TREE harness. Black rope with a diameter of 11 mm and length of 130 cm. Colored stitching on the ends of the rope bridge identify the year of manufacture for regular inspections and simultaneously guides user in safe threading of rope. Color stitching must be on outside of knot, see figure 1. Rope Bridge is a ROCK EMPIRE product. Every year, a new color indicating production year is stitched on the ends of the rope bridge.

Year	Color
2015	Grey
2016	Green
2017	Blue
2018	Red
2019	Orange
2020	White
Length:	130 cm
Diameter:	11 mm
Norms:	CE EN 1891

COLORED SAFETY POINTS, WHICH MUST BE ON THE OUTSIDE OF THE KNOT.



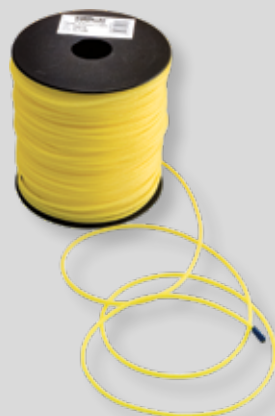
*** Throw cord**

ZVR005



Throw cord from polyethylene, water resistant, high sliding ability and strength. Diameter 3 mm, Color may vary.

Length: 100 m



*** Helper smyce** VWH001



Length: 80 cm, max. length after extending is 120 cm
Sling Width: 25 mm
Maximum Load: 50 kg
Weight: 112 g

- Color may vary.



*** Helper** ZSD001

Plastic hook HELPER can carry tools and other materials. It connects easily to harnesses on chest straps or waist belts.

Weight: 28 g
Max. load: 5 kg



Warning: the HELPER is not designed to function as a carabiner or connector!



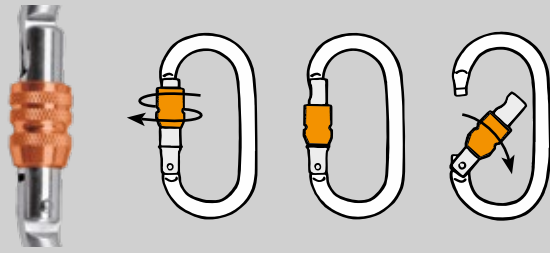
CARABINERS



TYPE OF LOCKS

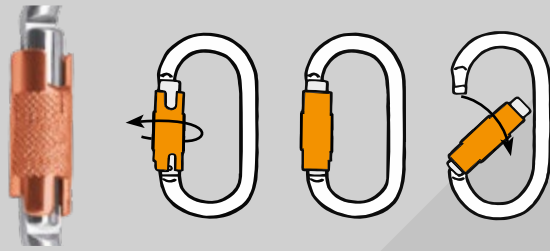
SCREW LOCK (S)

The manual screw lock on the gate is controlled simply using one hand. Once the screw lock in the upper part of the carabiner is rotated down onto the gate, the carabiner can be opened as shown in the picture.



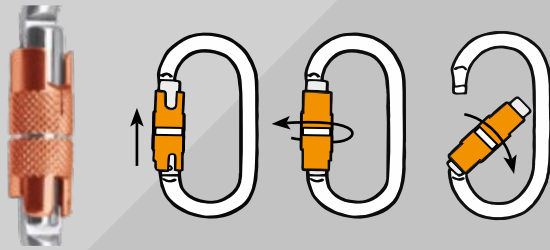
TWIST LOCK (2T)

The twist lock system has an automatic lock and quick unlock. To open the carabiner, do two independent movements as shown in the picture.



TRI-LOCK (3T)

The Tri-Lock system has an automatic lock and quick unlock. To open the carabiner, three independent movements are needed as shown in the picture.



NEW

* Ring Connect ZRC053



RING Connect is a fully openable AL ring. Detachable points are connected by two stainless screws. The maximum ring strength (24 kN) is the same at any point around the ring. With a round cross-section and a wall thickness of 13.5 mm, RING Connect is suitable for attaching ropes and lanyards directly to the ring. Thanks to EN 362 certification, RING Connect can also be used in situations where common carabiners and maillons are not suitable.

Material:	Aluminium Alloy, Stainless Steel (screws)
Weight:	77 g
Strength:	Major axis 24 kN Minor axis 24 kN
Opening:	44 mm
Norms:	CE EN362:04/M

- Installation onto textile attachment points on sit- or full-body harnesses.
- Creating connections in belay chains.
- Connecting the fall arrest absorbers to the connecting and anchoring devices.
- Connecting textile horizontal safety systems.
- Attaching work equipment to sit- or full-body harnesses.
- Connecting the double-action connectors to lanyards etc.
- Available in two colors.





K-LOCK system Aluminium

04 AQUA 06 LIME 13 GREY

* Smart S

ZRC050

Weight: 68 g
Material: Aluminium Alloy
↔ 24 kN
↕ 8 kN
↔↕ 6 kN
⌀ 21 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

04 AQUA 06 LIME 13 GREY

* HMS Magnum S

ZRC031

Weight: 90 g
Material: Aluminium Alloy
↔ 28 kN
↕ 10 kN
↔↕ 8 kN
⌀ 24 mm
Norms: CE EN 362, EN 12275



K-LOCK system Steel

ZRC042

Weight: 242 g
Material: Steel
↔ 46 kN
↕ 18 kN
↔↕ 18 kN
⌀ 23 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

ZRC024

Weight: 78 g
Material: Aluminium Alloy
↔ 26 kN
↕ 10 kN
↔↕ 6 kN
⌀ 17 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

06 LIME 04 AQUA 13 GREY

* Smart 2T

ZRC051

Weight: 76 g
Material: Aluminium Alloy
↔ 24 kN
↕ 8 kN
↔↕ 6 kN
⌀ 22 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

06 LIME 04 AQUA 13 GREY

* HMS Magnum 2T

ZRC032

Weight: 96 g
Material: Aluminium Alloy
↔ 28 kN
↕ 10 kN
↔↕ 8 kN
⌀ 24 mm
Norms: CE EN 362, EN 12275



K-LOCK system Steel

ZRC043

Weight: 248 g
Material: Steel
↔ 46 kN
↕ 18 kN
↔↕ 18 kN
⌀ 23 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

ZRC025

Weight: 86 g
Material: Aluminium Alloy
↔ 26 kN
↕ 10 kN
↔↕ 6 kN
⌀ 16 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

* Smart 3T

ZRC052

Weight: 77 g
Material: Aluminium Alloy
↔ 24 kN
↕ 8 kN
↔↕ 6 kN
⌀ 22 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

* HMS Magnum 3T

ZRC033

Weight: 96 g
Material: Aluminium Alloy
↔ 28 kN
↕ 10 kN
↔↕ 8 kN
⌀ 24 mm
Norms: CE EN 362, EN 12275



K-LOCK system Steel

* HMS Magnum Steel 3T

ZRC044

Weight: 248 g
Material: Steel
↔ 46 kN
↕ 18 kN
↔↕ 18 kN
⌀ 23 mm
Norms: CE EN 362, EN 12275



K-LOCK system Aluminium

* Carabiner AL O KL-3T

ZRC036

Weight: 84 g
Material: Aluminium Alloy
↔ 26 kN
↕ 10 kN
↔↕ 6 kN
⌀ 16 mm
Norms: CE EN 362, EN 12275



Steel

* Steel carabiner OKL-S

ZRC021

Weight: 172 g
Material: Steel
↔ 28 kN
↕ 18 kN
↔↕ 10 kN
Ø 18 mm
Norms: CE EN 362, EN 12275



Steel

* Steel carabiner D KL-S

ZRC023

Weight: 212 g
Material: Steel
↔ 40 kN
↕ 18 kN
↔↕ 18 kN
Ø 24 mm
Norms: CE EN 362, EN 12275



Aluminium

* 2 TAP

ZRC048

Weight: 84 g
Material: Aluminium Alloy
↔ 24 kN
↕ 7 kN
↔↕ 6 kN
Ø 22 mm
Norms: CE EN 362, EN 12275



Aluminium

* Racer S

ZRC047

Weight: 53 g
Material: Aluminium Alloy
↔ 24 kN
↕ 9 kN
↔↕ 8 kN
Ø 17 mm
Norms: CE EN 362, EN 12275



+ BLACK
Steel

* Steel carabiner OKL-2T

ZRC020

Weight: 174 g
Material: Steel
↔ 28 kN
↕ 18 kN
↔↕ 10 kN
Ø 18 mm
Norms: CE EN 362, EN 12275



+ BLACK
Steel

* Steel carabiner D KL-2T

ZRC022

Weight: 214 g
Material: Steel
↔ 40 kN
↕ 18 kN
↔↕ 18 kN
Ø 24 mm
Norms: CE EN 362, EN 12275



Steel

* MAILLON

ZWM003

Weight: 78 g
Material: Steel
Ø 8 mm
↔ 25 kN
↕ 10 kN
Norms: CE EN 362, EN 12275



Aluminium

* C24

ZWA017

Weight: 138 g
Material: Aluminium Alloy
↔ 28 kN
↕ 8 kN
↔↕ 8 kN
Ø 23 mm
Norms: CE EN 362



Steel

* Steel carabiner OKL-3T

ZRC034

Weight: 174 g
Material: Steel
↔ 28 kN
↕ 18 kN
↔↕ 10 kN
Ø 18 mm
Norms: CE EN 362, EN 12275



Steel

* Steel carabiner D KL-3T

ZRC035

Weight: 212 g
Material: Steel
↔ 40 kN
↕ 18 kN
↔↕ 18 kN
Ø 24 mm
Norms: CE EN 362, EN 12275



Aluminium

* Ring Connect

ZRC053

Weight: 74 g
Material: Aluminium Alloy
↔ 24 kN
↕ 24 kN
Ø 44 mm
Norms: CE EN362:04/M



Aluminium

* C60

ZWA006

Weight: 474 g
Material: Aluminium Alloy
↔ 24 kN
Ø 60 mm
Norms: CE EN 362



* Mini Pulley SS ZWP021

- Small compact pulley with sliding bearings with high effectiveness.
- The small size and low weight allow for the pulley to be used as a personal belay chain, for hauling lighter loads and rescues.

Rope diameter: up to and including 13 mm
 Roller: Aluminum alloy
 Bearing: Sliding
 Max. load capacity: 20 kN
 Weight: 101 g
 Norms: CE EN 12278



* Simple Pulley R.E. ZWP001

- Pulley with moveable sides.
- Designed for heavy duty and frequent use.
- Aluminium wheel with large diameter settled on self-lubricating, sliding bearings guarantees high efficiency.
- Marked with unique identification label.

Rope diameter: up to and including 13 mm
 Roller: Aluminum alloy
 Bearing: Sliding
 Max. load capacity: 28 kN
 Weight: 252 g
 Norms: CE EN 12278



* Simple Mini Pulley R.E. ZWP018

- Pulley with unmoveable side panels.
- Suitable for hauling systems and re-directing ropes.
- Solid side panels allow easy installation and connection with ascenders.
- Self-lubricating sliding bearings with high effectiveness.
- Lightweight and compact.
- Marked with a unique identification number.

Rope diameter: up to and including 13 mm
 Roller: Aluminum alloy
 Bearing: Sliding
 Max. load capacity: 24 kN
 Weight: 88 g
 Norms: CE EN 12278



* Pulley ZWP019

- A pulley with moveable sides and ball bearings.
- The pulley offers high efficiency, easy handling and a sophisticated, functional design.
- The pulley is suitable for multiple hoists and for all situations where minimizing friction is desirable.

Rope diameter: up to and including 13 mm
 Roller: Aluminum alloy
 Bearing: Ball
 Max. load capacity: 25 kN
 Weight: 210 g
 Norms: CE EN 12278



* Tandem Pulley ZWP020

- A tandem pulley, with stainless steel rollers and ball bearings, offers high efficiency.
- The pulley is suitable for steel cables.
- Two rollers provide the necessary stability during horizontal movement and movement on an angle.
- It is possible to attach more than one carabiner, which allows for easier handling and safer use of the pulley.

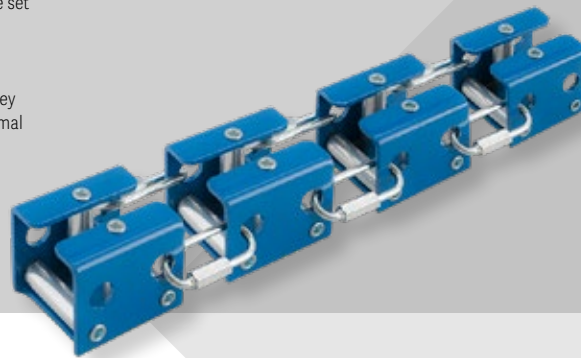
Rope diameter: up to and including 13 mm
 Roller: Stainless steel
 Bearing: Ball
 Max. load capacity: 25 kN
 Weight: 376 g
 Norms: CE EN 12278



* Set Edge Protector SWP001

- A set of four blocks with rollers made of aluminum alloy on stainless steel pins. The set protects ropes from sharp edges. Blocks are connected with appropriately-sized oval maillons.
- While the 4-block set is recommended, individual blocks without maillons can also be purchased (ZWP023). The block includes both horizontal and vertical rollers in key locations, which ensures smooth and appropriate movement of the rope and minimal wear on the rope.

Weight: 1 263 g
 Material: Aluminum alloy, stainless steel



* Self-blocking Pulley ZWP022

- A pulley with moveable sides, ball bearings and an integrated ascender, which can easily be manipulated.
- The pulley is efficient, easy to handle and features a sophisticated, functional design.
- Working Load when manipulating the Ascender: 2.5 kN
- Maximum Load when using the Ascender: 4 kN

Rope diameter: 8 to and including 13 mm
 Roller: Aluminum alloy
 Bearing: Ball
 Max. load capacity: 25 kN
 Weight: 391 g
 Norms: CE EN 12278



* Lambda CWL001



- Lambda is a pulley suitable for use on textile and steel ropes up to a diameter of 55 mm.
- Lambda is primarily intended for use on cables, to ensure the smooth movement of loads and people in cable maintenance or evacuation of persons.
- The Lambda has a compact size, low weight and high safety thanks to the possibility of securing the Lambda sidewalls against unintentional opening and the ability to connect the rope to the Lambda independently.
- Lambda meets the requirements for PPE – Pulleys EN 12278.

Rope diameter: up to 55 mm
 Roller: Silon
 Bearing: Sliding
 Max. load capacity: 24 kN
 Weight: 1 091 g
 Norms: CE EN 12278





* Open Sling 25 mm PA WORK

	Length	Width
CNP060	60 cm	25 mm
CNP080	80 cm	25 mm
CNP120	120 cm	25 mm
CNP150	150 cm	25 mm
Strength:	25 kN	
Norms:	CE EN 354, EN 795.B	



* Open Sling 25 mm DOUBLE PA

	Length	Width
CPP060	60 cm	25 mm
CPP080	80 cm	25 mm
CPP120	120 cm	25 mm
CPP150	150 cm	25 mm
Strength:	25 kN	
Norms:	CE EN 354, EN 795.B	



* Open Sling 20 mm PA WORK

	Length	Width
CNA060	60 cm	20 mm
CNA080	80 cm	20 mm
CNA120	120 cm	20 mm
CNA150	150 cm	20 mm
Strength:	35 kN	
Norms:	CE EN 354, EN 795.B	



* Lanyard Stretch

CSI050 – 50 cm / black with red edges,
CSI075 – 70 cm / black

The connecting and anchoring device, Lanyard Stretch, shortens its unloaded length by approx. 50%. This reduces the risk of tripping on it or it getting caught on obstacles during carrying or manipulation. It is suitable for connection with fall absorbers (ideally using RING Connect) or as a means of securing valuable equipment. It can be used separately or as part of a safety system or connecting chain. We recommend using XXL MULTI-USE Anti Slip to ensure correct positioning of the carabiners.

Length under tension: 100 cm and 140 cm
Material: Polyamide
Norms: CE EN345, EN795.B

* Lanyard I PA 25 mm

	Length
CPI001	15 cm
CPI006	60 cm
CPI008	80 cm
CPI012	120 cm
CPI015	150 cm
Strength:	25 kN
Norms:	CE EN 354, EN 795.B



* Daisy Chain PROFI CDP135



Daisy Chain Profi is an anchoring and connection device, which consists of 9 weight bearing loops. This unique sling can be used in a variety of ways while maintaining safety. Each individual loop is strong enough to be connected in any direction needed.

Weight:	224 g
Strength:	22 kN
Length:	135 cm
Number of loops:	9
Loop length:	8×15 cm, 1×30 cm
Material:	Nylon / polyamide and polyester
Norms:	CE EN 354, EN 795-B, EN 16415



* Lanyard Y



	Length
CLY034	35/45 cm
CLY036	35/65 cm
CLY100	100/100 cm
Strength:	22 kN
Norms:	CE EN 354, EN 795.B



* Anti Slip R.E.

ROCK EMPIRE's rubber anti-slip webbing protector is available in packs of 12 pieces. The anti-slip protector comes in 4 sizes to fit different webbing widths and holds carabiners and other connectors in the correct position while protecting the webbing from wear and tear.

	Model	Size
SEA010	Anti Slip R.E. 10	10 mm
SEA013	Anti Slip R.E. 13	13 mm
SEA016	Anti Slip R.E. 16	16 mm
SEA022	Anti Slip R.E. 22	22 mm



* Lanyard



	Length
CLI006	60 cm
CLI008	80 cm
CLI010	100 cm
CLI012	120 cm
CLI015	150 cm
Strength:	22 kN
Norms:	CE EN 354, EN 795.B
Rope only in black.	

* Anchoring Lanyard



	Length
CLI020	200 cm
CLI025	250 cm
CLI030	300 cm
CLI040	400 cm
CLI050	500 cm
CLI100	1000 cm
CLI150	1500 cm
CLI200	2000 cm
CLI250	2500 cm
CLO300	3000 cm
Strength:	22 kN
Norms:	CE EN 795,B
Rope only in black.	



* Lanyard HEDA

Dynamic rope.

	Length
CLH006	60 cm
CLH008	80 cm
CLH012	120 cm
CLH016	160 cm
CLH020	200 cm
Strength:	22 kN
Norms:	CE EN 354, EN 795.B Lanyard Heda 200 cm only meets EN 795.B



* Wild Ride Lanyard CLR006

Lanyard designed to work with pulleys in rope parks.

Weight:	108 g
Strength:	22 kN
Length:	60 cm
Norms:	CE EN 354, EN 795.B



* Lanyard A CLY110

Lanyard A designed for self-securing in rope parks.

Weight:	272 g
Strength:	22 kN
Length:	110/110 cm
Rope diameter:	11 mm
Norms:	CE EN 354, EN 795.B



* Shrink film

Plastic cover perfectly protects the reinforced stitching on ROCK EMPIRE lanyards and allows for convenient and quick review during inspections. The shrink film is made of a highly durable material and increases the life of the lanyard.



* Lanyard SARA

Sara has two connecting loops reinforced with a steel liner, which protects the steel cable and, at the same time, guarantees comfortable manipulation when attaching connectors.

	Length
ZLR080	80 cm
ZLR100	100 cm
ZLR120	120 cm
ZLR160	160 cm
Strength:	22 kN
Rope diameter:	8 mm
Material:	Steel
Surface finish:	Zinc-plated
Norms:	CE EN 354, EN 795 B, EN 16415



* PA Ypsilon 605 – 35 cm/60 cm CPY036



Asymmetrical, doubled webbing, Y-shaped sling with a sewn end. Used for access after securing a rope.

- The asymmetrical "Y" sling allows the worker to select the appropriate length to ensure safety during work.
- Both ends of the sling are fitted with rubber anti slip webbing protectors that hold the carabiner in the correct position.
- Webbing sling resists abrasion, cutting and being cut by sharp objects.
- Made of polyamide, has no dynamic features. It is intended solely for access to the fixed ropes.
- Length: the shorter end of the loop is 35 cm, the longer end of the loop is 60 cm.
- Identification label.
- WARNING: PA Ypsilon 605 – 35 cm/60 cm is not a fall absorber! It should not be used on Via Ferrata routes!

Length:	35/60 cm
Strength:	22 kN
Width:	25 mm
Norms:	CE EN 354, EN 795.B

ANTI SLIP WEBBING PROTECTOR



* Lanyard SARA II

Sara II does not include the reinforced steel liner on the connecting loops. Thanks to this, the anchor eye can be inserted through narrower holes and slots.

	Length
ZLR082	80 cm
ZLR102	100 cm
ZLR122	120 cm
ZLR162	160 cm
Strength:	22 kN
Rope diameter:	8 mm
Material:	Steel
Surface finish:	Zinc-plated
Norms:	CE EN 354, EN 795 B, EN 16415



NOTE: PHOTO FOR ILLUSTRATION PURPOSES ONLY. PRODUCT NOT SOLD WITH ASCENDER OR CARABINER.

* Roper Fix

Positioning system designed to precisely achieve and fine-tune working positions. Roper Fix includes an 11 mm rope lanyard with a reinforced stitched loop at one end and a covered knot at the other end along with the Roper device attached to the rope between the ends. The Roper positioning device is locked onto the lanyard with a recessed screw. Roper Fix can be removed from the lanyard only by using a hex wrench, which provides protection against improper placement. Because of the removable screw, it is possible to replace the lanyard if needed due to wear and tear.

The Roper Fix comes with a 0.5 m protection sleeve that moves easily and can be replaced or removed. Each side of the protection sleeve has a different outer surface for better protection and durability depending on the type of work surface.

	Length
CWR020	200 cm
CWR035	350 cm
CWR050	500 cm
Norms:	CE EN 358



* Webbing on a Bobbin

Webbing on a Bobbin PA 12 mm, 100 m.

Note: Webbing may contain up to maximum 3 cuts – not guaranteed to be one uninterrupted length of 100 m.

	Length	Width	Color	Weight
ZEP001	100 m	12 mm	Black	34 g/m
ZEP002	100 m	16 mm	Cyan	34 g/m
ZEP003	100 m	20 mm	Black	34 g/m
ZEP004	100 m	25 mm	Green	36 g/m
Strength:	15 kN			
Material:	PA/nylon			



* Hanger C ZRB015

Hanger from galvanized steel with strength 25 kN. Suitable as an anchor point for climbing walls.

Weight:	60 g
Strength:	25 kN
Mounting hole diameter:	10 mm
Material:	Galvanized steel
Norms:	CE EN 959, EN 795



* Hanger W ZRB017

Stainless steel anchoring hanger suitable for indoor and outdoor use. Can be used in combination with bonded and tension anchors. Strong, quality material ensures a long lifetime of these anchoring hangers.

Weight:	47 g
Strength:	26 kN
Mounting hole diameter:	12 mm
Material:	Stainless steel
Norms:	CE EN 959, EN 795



* Swivel ZWB018

Weight:	74 g
Material:	Aluminium Alloy
Strength:	74 kN
Strength:	35 kN
Norms:	CE EN 354



* Anchor Plate R.E. 1/3 ZWA001

Weight:	70 g
Material:	Aluminium Alloy
Strength:	33 kN
Norms:	CE EN 795.B



* Anchor Plate 3/5 ZWA018

Weight:	230 g
Material:	Aluminium Alloy
Strength:	40 kN
Norms:	CE EN 795.B



* Anchor Plate 5/8 ZWA019

Weight:	475 g
Material:	Aluminium Alloy
Strength:	45 kN
Norms:	CE EN 795.B





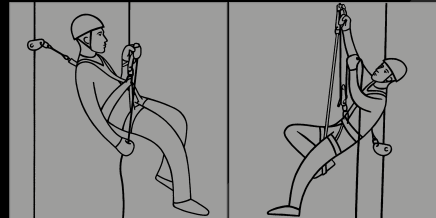
* **Descender R.E.** ZWB001



Self-locking brake designed for rappelling. It allows for very precise control of the descent speed.

- Self-locking system operates so that the rope is clamped and will not allow movement. To unlock, a lever must be depressed.
- Rate of descent is controlled by the downward force pressing the free end of the rope.
- Brake has a spring-loaded latch on the side, so it can be placed on the rope, without having to detach it from the harness.
- Ascent is possible without changing the position of the brake, only with the addition of textile climbing steps and an ascender device as can be seen in the drawing below.

Weight: 340 g
 Rope diameter: 10 – 12 mm
 Color: Orange
 Norms: CE EN 341/A



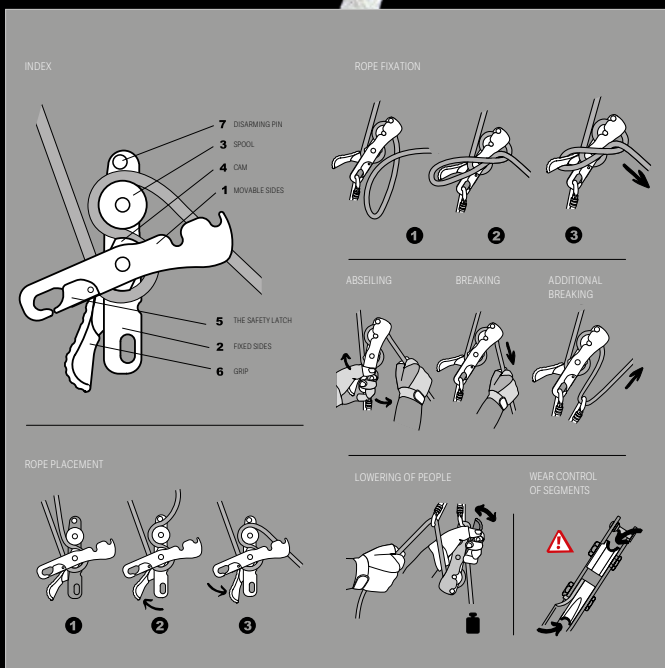
DESCEND A ROPE USING ROCK EMPIRE DESCENDER

SHORT ASCENT ON THE ROPE

N042/11
 0210

production year

unique identification number





* CHEST UP ZWB019



CHEST UP Ascender is a unique, lightweight compact chest ascender designed for professional use in rope access systems. It is unique in that it includes a swivel, which ensures the optimal positioning of the chest ascender against the loaded rope, thus reducing the friction resistance to a minimum. Simple serviceability, small dimensions, light weight and easy handling of the chest ascender underline its unique utility, value and safety. CHEST UP ASCENDER can be easily used as a chest ascender with all appropriate full-body harnesses.

Also available in black color.

Weight:	161 g	
Material:	Aluminum alloy; Polyamide; Stainless Steel	
Rope diameter:	8–11 mm	10–11 mm
Norms:	CE EN 567:13	CE EN 12841:06/B
	EN12841:06 B	max. 140 kg

* Ascender R.E. ZWB002

Ascender R.E. is an ascender with a handle designed for ascent on the rope with or without using the surrounding terrain.

1. The anatomical shape of the handle allows for easy gripping and keeps it parallel to the loading direction. Rubber handle fits comfortably in your hand and is also thermally insulated.
2. Fused latch has an anatomical shape which allows for spring-loaded securing of the latch in the open position.
3. A small hole in the bottom of the handle can be used to attach climbing irons with maillons. A second larger hole can be used for connecting slings.
4. Slots in the latch automatically remove unwanted dirt that may be on the rope.
5. Two openings at the top can be used for a carabiner around the rope for higher safety.

- The ascender's body is of aluminum alloy to provide a lower weight.
- Latch securely locks the rope and prevents the ascender for moving against the loading direction.
- Colors for differentiation of ascenders: light grey for the left hand, light blue for the right hand.
- Used with a single rope with diameters between 8–12 mm.
- Each ascender is marked with a lasered unique identification number.

Weight:	220 g
Rope diameter:	8–12 mm
Color:	light gray – left / light blue – right
Norms:	CE EN567:13



LEFT HAND

RIGHT HAND

* Chest Ascender ZWB017

A medium-sized chest ascender that ensures safe movement on the rope or movement of the rope through the ascender even in harsh conditions. The ascender can be connected to most full-body harnesses and is easy to manipulate even while wearing gloves. The groove on the thumb plate of the ascender provides a self-cleaning function of the thumb plate and increases safety during use even in polluted locations.

Weight:	161 g
Material:	Aluminum alloy; Polyamid
Rope diameter:	8–13 mm
Norms:	CE EN 567



* Climbing Step QB VVS002



- Adjustable webbing stirrup.
- Used together with ascenders for ascent.
- Lightweight steel buckle allows for quick and easy length adjustment.
- Reinforced section at the bottom is wear-resistant, easy to locate and place the feet.
- Caution: Not intended for protection, positioning or fall arrest!

Min. Length: 100 cm
Max. Length: 150 cm
Weight: 118 g



QB Buckle



* Eight ZRB014 – BLACK, ZRB001 – BLUE

Lightweight traditional belay device with a modern and elegant design made for belaying and descending.

Weight: 104 g
Rope: 9–11 mm
Color: Black, Blue
Norms: CE EN 15151-2

* Step QB+ VVS003



- Compact climbing stirrup for sports and industrial use.
- Lightweight, comfortable stirrup with durable construction.
- Stirrup can be shortened and extended even under the light load.
- Over the buckle of the step is a special released loop which allows easy extension of lengths (even with gloves).
- Cord allows easy insertion of the shoes and also locking slider assures correct position.
- The stirrup can be used with a carabiner and Anti Slip webbing protector.

Min. Length: 40 cm
Max. Length: 150 cm
Max. load: 250 kg
Weight: 62 g



* Ladder CSL001

Lightweight, comfortable ladder with durable construction.

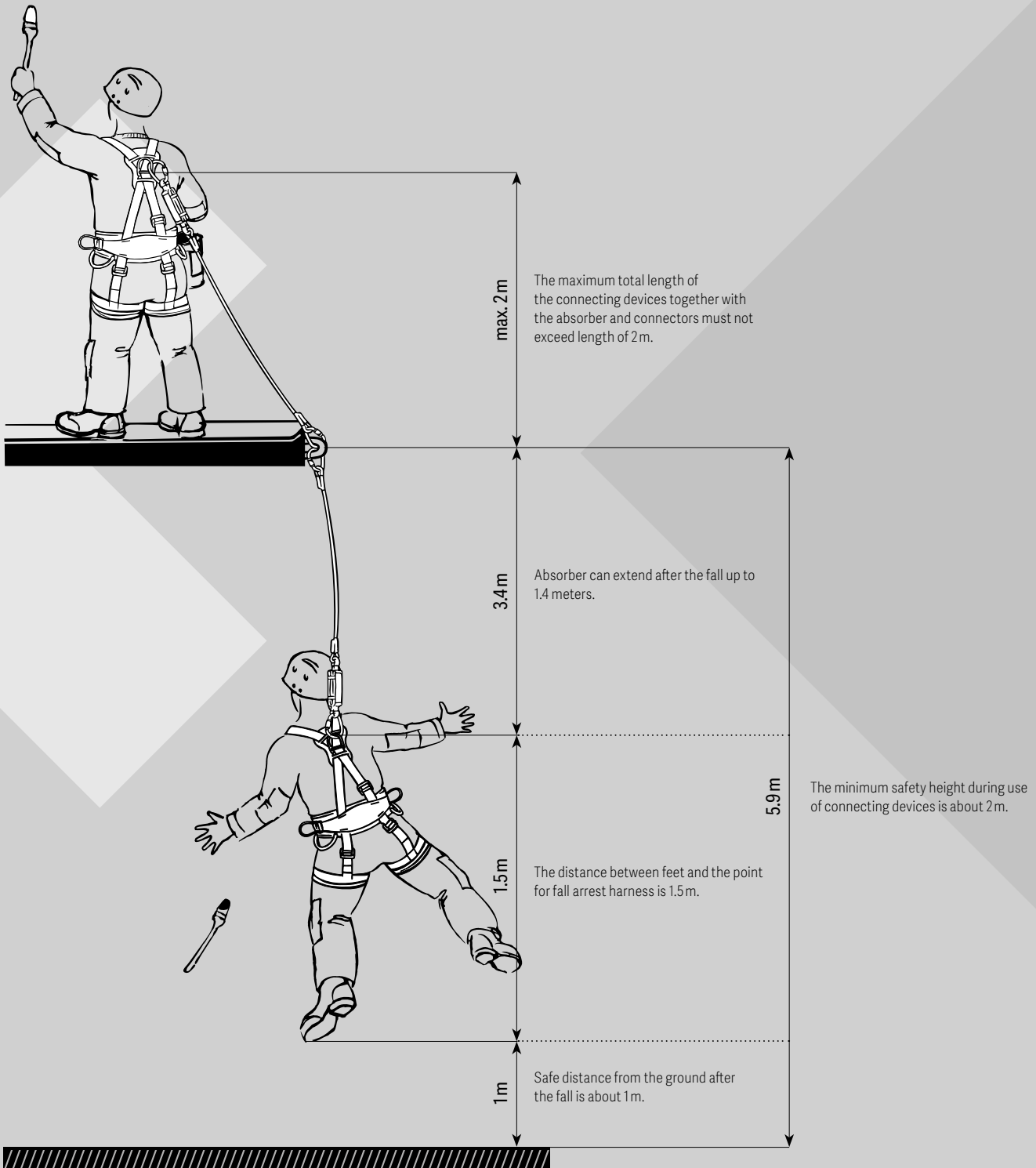
Weight: 209 g
Length: 140 cm
Maximum load capacity: 500 kg

- 5+1 steps.
- Compact ladder for sports and industrial use.
- At the top of the ladder is fixed loop which is suitable for the following things: fixing in a required position, connecting the load with the goal of stabilizing the ladder in windy conditions, pulling a haul bag.
- The ladder is also equipped with a loop suitable for storing used hardware, etc. It can also be used for short periods as a ladder extension loop (160 cm).
- Available in two colors.



EXAMPLES OF REQUIRED CLEARANCE HEIGHT

This is the desired distance under the user, consisting of the length of the connecting slings plus the extended length of the fall absorber. Thus, this is the necessary amount of free space required under the worker, in the event that the fall arrest is deployed, so the worker will not be hurt by hitting the ground. The total length of all the pieces must not exceed 2 m (pieces include anchor, connectors, slings, lanyards). The laws are designed to prevent wrong choices of the fastener lengths and consequent severe crashes. A two-meter fall is extremely dangerous and it is therefore appropriate to shorten the length of the fasteners as much as possible. Unfortunately, even a correct selection and deployment of slings and fall absorbers does not guarantee complete safety. The essence of clearance is the space between the anchor point and the ground or the nearest obstacle. In such calculations, it is necessary to take into account the following factors depending on the system used. A. Slings and fall absorber B. Mobile system for fall arrests C. Effect of inertia.



FALL ABSORBERS

These devices and their additional components allow the fall arrester to work with maximum safety in normal conditions, which are defined by the EU standards: Slings EN 354, Fall Absorbers EN 355, and the fall arrest systems. Absorbing the fall energy is done by controlled destruction of the internal webbing shock absorber. This process is assured under any climatic conditions. According to the standards, the use of the fall absorbers is only possible where there is adequate clearance height, see page 41.

* Absorber Pro CWA001



The new fall arrest energy Absorber Pro has an improved, stronger casing and the shock absorber is generally smaller, more compact and lighter.

Can be used together with a max. 2 m long sling according to norms, EN 354 and EN 355
May also be positioned between the interlocking anchor and rope

Length: 18 cm
Weight: 140 g
Length of fall absorber: 140 cm
Norms: CE EN 355
Certified for 100 kg (including user and tools, equipment)



* Absorber Pro Twist CWA002



The new fall arrest energy Absorber Pro Twist has an improved, stronger casing and the shock absorber is generally smaller, more compact and lighter.

The main advantage of this new energy absorber is the swivel
The swivel segment ensures that the connected slings do not tangle.

Length: 18 cm
Weight: 212 g
Length of fall absorber: 140 cm
Norms: CE EN 355
Certified for 100 kg (including user and tools, equipment)



TWO EXAMPLES OF CONNECTIONS:



FALL FACTOR

The fall factor expresses the proportional severity of the fall. It is the ratio of the vertical drop to the active length of rope, which is available to absorb the impact force of falling.

$$\text{FALL FACTOR} = \frac{\text{VERTICAL LENGTH OF FALL}}{\text{ACTIVE LENGTH OF ROPE OR SLINGS IN THE SYSTEM}}$$

ABSORBER - I - LANYARD		OK	OK
ABSORBER - I - PA		OK	
LANYARD		OK	
PA LANYARD		OK	

*** Absorber – I** CAI008 – 80 cm, CAI010 – 100 cm



Lanyard with fall energy absorber. Used when moving along horizontal or vertical ropes.

Length: 80 cm and 100 cm
Length under tension: 220 cm and 240 cm
Norms: CE EN 355



*** Absorber – Y** CAY008 – 80 cm, CAY010 – 100 cm



Lanyard with fall energy absorber. Used when moving along the secured horizontal or vertical rope. Enables the worker at heights to always be secured when passing anchor points.

Length: 80 cm and 100 cm
Length under tension: 220 cm and 240 cm
Norms: CE EN 355



*** Absorber** VWA001



Webbing Fall Absorber. It should be used together with a max. 2 m long sling according to the norms EN 354 and EN 355. May also be positioned between the climbing rope and anchor point.

Length: 22 cm
Weight: 152 g
Length of fall absorber: 140 cm
Norms: CE EN 355
Certified for 100 kg (including user and tools, equipment)



*** C60**

ZWA006

Anchor with large gate opening and with an automatic lock. It is intended to be used for fastening to metal structures, steel cables and rods with large diameters. Handle is an ergonomic shape and facilitates unlocking Anchor may be permanently attached to a lanyard.

Material: Aluminium Alloy
Weight: 474 g
← → 24 kN
⊙ 60 mm
Norms: CE EN 362



*** C24**

ZWA017

Anchor with automatic lock. It is designed for metal structures, steel ropes and small diameter bars. The snap hook is ergonomic and makes it easy to release. The anchor can be fixed to the lanyard.

Material: Aluminium Alloy
Světlost: 24 mm
Weight: 138 g
← → 8 kN
⊙ 28 kN
⊙ 8 mm
Norms: CE EN 362

*** Absorber – I C60**

CIA010 – 100 cm, CIA012 – 120 cm

Lanyard attached to an C60 anchor and a fall energy absorber. Used when moving along the secured horizontal or vertical ropes.

Length: 100 cm and 120 cm
Length under tension: 240 cm and 260 cm
Norms: CE EN 355, 362



*** Absorber – Y C60**

CYA010 – 100 cm, CYA012 – 120 cm




Y lanyard with two C60 anchors and a fall energy absorber attached. Used to work at heights on metal structures and allows the worker at heights to be constantly secured.

Length: 100 cm and 120 cm
Length under tension: 240 cm and 260 cm
Norms: CE EN 355, 362



ROPES







Dynamic Ropes	Code		Length (m)	Rope Diameter (mm)	Weight g/m	Number of UIAA Falls	Max. Impact Force (kN)	Sheath Slippage (%)	Static Elongation (%)	Dynamic Elongation (%)	Knotability	Color	Norms
	Standard	Complete Shield											
Strike 9.4 	ZLE030	ZLI030	30	9.4	58	6	7	0	6.2	37	0.9	06 Lime	EN 892
	ZLE050	ZLI050	50										
	ZLE060	ZLI060	60										
	ZLE080	ZLI080	80										
	ZLE100	ZLI100	100										
	ZLE200	ZLI200	200										
	Tango 9.8 	ZLH030	ZLB030										
ZLH050		ZLB050	50										
ZLH060		ZLB060	60										
ZLH080		ZLB080	80										
ZLH100		ZLB100	100										
ZLH200		ZLB200	200										
Duo 7.8 		ZLD030	ZLO030	30	7.8	38	6 (Half) 16 (Twin)	5.2 (Half) 7.9 (Twin)	0	6.5 (Half) 6.1 (Twin)	32 (Half) 33 (Twin)	0.9	05 Red 07 Blue
	ZLD050	ZLO050	50										
	ZLD060	ZLO060	60										
	ZLD080	ZLO080	80										
	ZLD100	ZLO100	100										
	ZLD200	ZLO200	200										

SBS – SIMPLE BRAIDING SYSTEM

SBS GIVES THE ROPE BETTER PROPERTIES. EVERY FIBER OF THE SHEATH IS GUIDED INDIVIDUALLY, NOT IN A PAIR AS USUAL. THE SHEATH IS MORE RESISTANT AGAINST BREAKAGE, AND IT IS SMOOTHER.

COMPLETE SHIELD

COMPLETE SHIELD (CS) IS A SPECIAL TECHNOLOGY THAT OFFERS VERY HIGH LEVELS OF ROPE PROTECTION INCLUDING HIGH WATER RESISTANCE AND ABRASION RESISTANCE. VERY SMALL PARTICLES ARE APPLIED TO THE ROPE SHEATH AS WELL AS THE ROPE CORE, AND THESE PARTICLES FORM AN ALMOST IMPERMEABLE PROTECTIVE LAYER AGAINST WATER AND DUST THAT COULD DAMAGE THE SHEATH OR THE CORE. COMPLETE SHIELD IS A NEW IMPREGNATION WHICH EXTENDS THE GENERAL LIFESPAN OF ROPES SIGNIFICANTLY. COMPLETE SHIELD NOW AVAILABLE ON ALL ROCK EMPIRE DYNAMIC ROPES.

Static Ropes	Code	Length (m)	Rope Diameter (mm)	Weight g/m	Number of Falls Min.	Strength (kN)	Min. Strength with Knots (kN)	Sheath Slippage (mm)	Static Elongation (50–150 kg) (%)	Material	Type	Color	Norms
Static Rope 10mm 	ZLS030	30	10	69	20	31	17	4	3.4	PA	A	01 White	EN 1891
	ZLS060	60										05 Red	
	ZLS100	100										07 Blue	
	ZLS200	200										08 Black	
Static Rope 10.5mm 	ZLT030	30	10.5	72	20	32	18	3	3.4	PA	A	01 White	EN 1891
	ZLT060	60										05 Red	
	ZLT080	80										07 Blue	
	ZLT100	100										08 Black	
	ZLT200	200											
Static Rope 11mm 	ZLK030	30	11	80	20	33	20	5	3.3	PA	A	01 White	EN 1891
	ZLK060	60										05 Red	
	ZLK100	100										07 Blue	
	ZLK200	200										08 Black	
Static Rope Canyon 10mm 	ZLY030	30	10	61	20	18	12	2.6	3.2	PA/PPV	—	02 Yellow	EN 1891
	ZLY060	60											
	ZLY080	80											
	ZLY100	100											
	ZLY200	200											

* STRIKE 9.4



An excellent single rope with low weight, great technical parameters and a simple braiding system (SBS) of the sheath, which makes the rope not only more resistant to abrasion, but also soft and easy to manipulate. The best choice for both performance and sport climbing.

Color:	06 Lime
Rope diameter:	9.4 mm
Impregnation:	Standard or Complete Shield
Weight:	58 g/m
Number: of UIAA Falls:	6
Max. Impact Force:	7 kN
Sheath Slippage:	0%
Static Elongation:	6.2%
Dynamic Elongation:	37%
Knotability:	0.9
Norms:	CE EN 892



06 Lime

Standard	Complete Shield	Length
ZLE030	ZLI030	30 m
ZLE050	ZLI050	50 m
ZLE060	ZLI060	60 m
ZLE080	ZLI080	80 m
ZLE100	ZLI100	100 m
ZLE200	ZLI200	200 m

* TANGO 9.8



A rope designed for sport climbing. It has a small diameter, high abrasion resistance and long lifespan. Its low weight, higher fall rating and excellent ease of handling are all benefits to help you push your own limits.

Color:	07 Blue
Rope diameter:	9.8 mm
Impregnation:	Standard or Complete Shield
Weight:	64 g/m
Number: of UIAA Falls:	9
Max. Impact Force:	7.1 kN
Sheath Slippage:	0%
Static Elongation:	6.2%
Dynamic Elongation:	35%
Knotability:	0.8
Norms:	CE EN 892



07 Blue

Standard	Complete Shield	Length
ZLH030	ZLB030	30 m
ZLH050	ZLB050	50 m
ZLH060	ZLB060	60 m
ZLH080	ZLB080	80 m
ZLH100	ZLB100	100 m
ZLH200	ZLB200	200 m

* DUO 7.8



Dynamic rope certified both as a half and twin rope. It is very light weight rope with small diameter and a good durability. Designed for daily use on artificial climbing walls, in sport climbs as well as for extreme ascents in the mountains.

	1/2	Twin
Color:	05 Red, 07 Blue	05 Red, 07 Blue
Rope diameter:	7.8 mm	7.8 mm
Impregnation:	Standard or Complete Shield	Standard or Complete Shield
Weight:	38 g/m 38 g/m	
Number: of UIAA Falls:	6	16
Max. Impact Force:	5.2 kN	7.9 kN
Sheath Slippage:	0%	0%
Static Elongation:	6.5%	6.1%
Dynamic Elongation:	32%	32%
Knotability:	0.9	0.9
Norms:	CE EN 892	



05 Red

Standard	Complete Shield	Length
ZLD030	ZLO030	30 m
ZLD050	ZLO050	50 m
ZLD060	ZLO060	60 m
ZLD080	ZLO080	80 m
ZLD100	ZLO100	100 m
ZLD200	ZLO200	200 m

* Rope and Textile Marker ZPM001

A simple and practical marker for writing on harnesses, ropes and textiles. Using the marker on ropes facilitates rope handling and increases safety. The chemical composition does not damage the structure of the rope and its properties.



*** Static Rope 10 mm**



Heavy-duty rope with low elongation and high static strength, intended primarily for work at heights and for rescue. The thicker the diameter, the stronger the rope.

Color:	01 White, 05 Red, 07 Blue, 08 Black
Rope diameter:	10 mm
Weight:	60 g/m
Number of Falls min.:	20
Strength:	31 kN
Min. Strength with Knots:	17 kN
Sheath Slippage:	4 mm
Static Elongation (50–150 kg):	3.4 %
Material:	PA
Typ:	A
Norms:	CE EN 1891

	Length
ZLS030	30 m
ZLS060	60 m
ZLS100	100 m
ZLS200	200 m



01 White

*** Static Rope 10.5 mm**



Heavy-duty rope with low elongation and high static strength, intended primarily for work at heights and for rescue.

Color:	01 White, 05 Red, 07 Blue, 08 Black
Rope diameter:	10.5 mm
Weight:	72 g/m
Number of Falls min.:	20
Strength:	32 kN
Min. Strength with Knots:	18 kN
Sheath Slippage:	3 mm
Static Elongation (50–150 kg):	3.4 %
Material:	PA
Typ:	A
Norms:	CE EN 1891

	Length
ZLT030	30 m
ZLT060	60 m
ZLT080	80 m
ZLT100	100 m
ZLT200	200 m



07 Blue

*** Static Rope 11 mm**



Heavy-duty rope with low elongation and high static strength, intended primarily for work at heights and for rescue.

Color:	01 White, 05 Red, 07 Blue, 08 Black
Rope diameter:	11 mm
Weight:	80 g/m
Number of Falls min.:	20
Strength:	33 kN
Min. Strength with Knots:	20 kN
Sheath Slippage:	5 mm
Static Elongation (50–150 kg):	3.3 %
Material:	PA
Typ:	A
Norms:	CE EN 1891

	Length
ZLK030	30 m
ZLK060	60 m
ZLK100	100 m
ZLK200	200 m



05 Red

CRP005

*** Static Rope CANYON 10 mm**



Maximum wear resistance, low elongation and increased water resistance are properties that make Canyon the right rope for various water sports. Thanks to the combination of the materials PA for the sheath and PPV for the core, the rope has a low capacity for absorption and floats on the surface.

Color:	02 Yellow
Rope diameter:	10 mm
Weight:	61 g/m
Number of Falls min.:	20
Strength:	18 kN
Min. Strength with Knots:	12 kN
Sheath Slippage:	2.6 mm
Static Elongation (50–150 kg):	3.2 %
Material:	PA/PPV
Norms:	CE EN 1891 (tested as Type B with exceptions for min. strength a material)

	Length
ZLY030	30 m
ZLY060	60 m
ZLY080	80 m
ZLY100	100 m
ZLY200	200 m



02 Yellow

*** Rope Protector**



A lightweight, pliable sleeve to protect ropes from contact with rough surfaces and sharp edges. Comes in 4 lengths. Not to be confused with Edge Protectors or Pulleys.

	Length
CRP005	50 m
CRP007	70 m
CRP010	100 m
CRP012	120 m





* Rocker Gloves ZSG002

Half fingered synthetic gloves intended for via ferrata and work with rope. Synthetic leather gloves with padding and stretch fabric

Size: XS, S, M, L, XL
Material: synthetic leather



* Worker gloves ZWG004

Universal work gloves in soft leather, durable and soft at the same time, suitable for working with rope.

Size: XS, S, M, L, XL
Material: genuine leather, neoprene, spandex



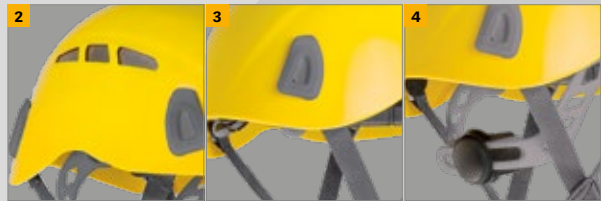
GALEOS WORK RED

* **Galeos Work** ZTH002

Lightweight work helmet for all types of work at heights. Complies with EN 397.

1. Durable ABS shell.
2. Six helmet vents, protected by a metal screen, provide excellent ventilation.
3. Equipped with four clips for mounting headlamp.
4. Adjustment system includes a control knob to adjust the head circumference and three clips for correctly positioning the chin strap.
5. Anatomically shaped foam pad absorbs potential impacts, prevents deformities and ensures comfort.
6. In three color combinations: white, yellow, red.
7. The helmet has a very easy to use and adjustable chinstrap.

Weight: 362 g
 Size: UNI 53-62 cm
 Color: White, Yellow, Red
 Material: ABS, EPS, PA
 Norms: CE EN 397



GALEOS WORK WHITE



GALEOS WORK YELLOW



- * **Cargo 35l** CWW035
- * **Cargo 55l** CWW055

Carry bag backpack used to carry loads.

- Lightweight, waterproof material.
- Adjustable shoulder straps.
- Two handles for easy carrying and lifting.
- Drawstring for closing.
- Drain hole in the bottom of the bag for easy drainage of water.
- Long strap for hanging.
- Two sizes: 35 and 55 liters.

Size: 35l and 55l
Color: Orange



- * **HUGO+** VSL003

A comfortable rope backpack for carrying all your climbing gear. Including larger tarp with 4 corners loops to facilitate packing and handling of the tarp.

- Includes an attached 150×125 cm tarp.
- Fresh design with new colors matching our other products and accessories.
- Lower weight due to use of lighter weight buckles and non-padded straps.

Rope length: max. 100 m
Size: 55l
Weight: 498 g

- * **Cargo Roll** CVR055

An improved carry bag that comfortable enables you to carry your load on your back. The bag closes by rolling down the opening and fastening it closed with a light-weight aluminium buckle.

- Waterproof and lightweight material.
- Two loops for easy carrying.
- Adjustable shoulder strap.
- One long strap for hauling.

Size: 55l
Weight: 805 g



- * **Beetle Bag** CSL003

A simple, durable backpack for rock and sport climbers, which is the ideal compromise between a robust pull bag and rock bag. Also suitable for work use. It offers a completely removable back piece, which is always on the top of the backpack during use, so it will prevent your clothes from getting dusty.

At first glance, it looks like a compact bag but it has capacity for an 80 to 100 m rope plus a generous amount of climbing equipment.

Thanks to a stable construction and a large opening, the rope can be used directly from the backpack. This makes it unnecessary to use a tarp for a rope.

Material: PES, PAD, YKK zipper
Weight: 836 g

- * **Bag Work** VWW003



An expandable work tool bag made of very durable material. It can be connected with a carabiner attached to a harness or directly around the waist with a belt.

Size: 27×20×2 cm (V×Š×H)
Load capacity: 50 kg
Color: Black



* XXL MULTI-USE Anti Slip ZEA045



On ROCK EMPIRE lanyards, the XXL MULTI USE Anti Slip keeps carabiners in the correct position and at the same time protects the rope from wear. Works on lanyards with an 11 mm diameter.

Color: Black



* Cargo Sack Reep 30l / 10l / 2l

VWV006 / VWV005 / VWV002

Auxiliary bags suitable for carrying small material, tools and common work aids. Made of waterproof material. Available in three basic sizes of 2l, 10l and 30l.

* Fast Bag CWW009

Rope bag for fast descents, usable in tough conditions where it is not possible or desirable for the rope to be on the ground. It can fasten to the waist, the thigh, or the calf. Adjusting the plastic buckles can be done on either side of the buckles making it functional on either the left or right leg.

If the rope is shorter and does not fill the entire space of the Fast Bag, included compression straps can be used to reduce the size of the bag quickly. At the bottom of the bag, on the outside, there is a strap for upending the bag to remove the rope quickly. On the inside of the bag at the bottom, there is a loop for attaching a rope end. There are small holes in the bottom to remove water when necessary. When needed, the bag can be quickly detached and discarded by undoing a plastic buckle at the waist.

The waist connection is detachable and can be purchased separately as a spare part. Maximum length of rope is 60 m of 11 mm rope. Drawcord closure.

* Ledge Light CUL001

LEDGE LIGHT is a work positioning seat and is intended as an additional support whenever the user needs to rest when hanging or positioning or wants to increase comfort when working at heights.

- LEDGE LIGHT is a very light-weight, compact and easy to use adjustable seat, which is very portable and takes up very little space.
- Fastening straps have two adjustable lengths, which allow the user to adjust LEDGE LIGHT according to their needs.
- This product does not require PPE certification.

Size: Uni
Material: Nylon/polyamid and polyester
Max. load capacity: 200 kg
Weight: 221 g



* Anti Slip R.E.

ROCK EMPIRE's rubber anti-slip webbing protector is available in packs of 12 pieces. The anti-slip protector comes in 4 sizes to fit different webbing widths and holds carabiners and other connectors in the correct position while protecting the webbing from wear and tear.

	Model	Size
SEA010	Anti Slip R.E. 10	10 mm
SEA013	Anti Slip R.E. 13	13 mm
SEA016	Anti Slip R.E. 16	16 mm
SEA022	Anti Slip R.E. 22	22 mm



* Clip Smart SCS001



Clip Smart is a small, light-weight and very practical clip for easily and quickly attaching the loose ends of the adjustment straps to your waist belt and legs loops. Primarily designed for 45 mm straps. However, it can also be used for narrower sizes. Sold in a pack of 4.

Weight: 6.4 g
Material: Nylon



* Ledge CUL102

Work positioning bench LEDGE is designed as an accessory mainly for working at heights. LEDGE significantly increases the comfort of the user while working on a rope. It also offers additional reinforced load bearing loops, gear loops and storage pockets for supplies. Fastening straps – possible to quickly and easily adjust to every user. This product does not require PPE certification.

Size: Uni
Material: Nylon/polyamid and polyester
Load capacity: 50 kg
Load capacity of slings: 5 kg
Max. load capacity: 300 kg
Weight: 1 383 g



BLACK SERIES



* Atlas Uni Black SVA025

Size: XS-M, L-XXL
Weight: 2 187g
Norms: CE EN 361, EN 358, EN 813



* Equip Black SVE021

Size: XS-M, L-XXL
Weight: 1 040g
Norms: CE EN 361, EN 813, EN 358, EN 12277



*** Skill PROFIAL Black** VUP005



Size: XS-M, L-XXL
Weight: 2 276 g (L-XXL)
Norms: CE EN 361, EN 813, EN 358



*** Skill LITE Black** VUL005



Size: uni, height 160-210 cm
Weight: 818 g
Norms: CE EN 361, EN 813, EN 358



*** Chest Equip Black** CUE023

Size: uni
Weight: 447g
Norms: CE EN 361



*** Chest Uni Black** CUA023

Size: uni
Weight: 753g
Norms: CE EN 361

*** Equip Belt Black** CUE021

Size: XS-M, L-XXL
Weight: 662g
Norms: CE EN 813, EN 358



*** Atlas Belt Black** CUA021

Size: XS-M, L-XXL
Weight: 1 519g
Norms: CE EN 813, EN 358



*** Ascender R.E.** ZWB002

Color: Light Grey – left
Light Blue – right
Weight: 220g
Rope diameter: 8–12 mm
Norms: CE EN 567



*** Chest Up Black** ZWB019

Weight: 161g
Material: Aluminum alloy; Polyamide; Stainless Steel
Rope diameter: 8–11 mm 10–11 mm
Norms: CE EN 567:13 CE EN 12841:06/B
EN12841:06 B max. 140 kg





*** PA Ypsilon 605 – 35 cm/60 cm** CPY036



Length: 35/60 cm
 Strength: 22 kN
 Šíře: 25 mm
 Norms: CE EN 354, EN 795.B



*** Static Rope R.E. 10/10.5/11** SEE PAGE. 47



Color:	Black		
Rope diameter:	10 mm	10.5 mm	11 mm
Weight:	67 g/m	69 g/m	79 g/m
Number of Falls min.:	30	20	50
Strength:	34 kN	30 kN	35 kN
Min. Strength with Knots:	17 kN	5 kN	20 kN
Sheath Slippage:	0 mm	0 mm	0 mm
Static Elongation (50–150 kg):	3.8%	2%	3%
Length:	30, 60, 100, 200 m		
Material:	PA	PA	PA
Typ:	A	A	A
Norms:	CE EN 1891		



*** AL-O-KL-2T-BLACK**

ZRC038

Material: Aluminium
 Weight: 90 g
 ←○→ 26 kN
 ↻↻↻ 10 kN
 ↻↻↻ 6 kN
 ↻↻ 16 mm
 Norms: CE EN 362, EN 12275



*** D KL-2T BLACK**

ZRC039

Material: Steel
 Weight: 214 g
 ←○→ 40 kN
 ↻↻↻ 18 kN
 ↻↻↻ 18 kN
 ↻↻ 24 mm
 Norms: CE EN 362, EN 12275



*** O KL-2T BLACK**

ZRC040

Material: Steel
 Weight: 172 g
 ←○→ 25 kN
 ↻↻↻ 8 kN
 ↻↻↻ 8 kN
 ↻↻ 20 mm
 Norms: CE EN 362, EN 12275



*** RING CONNECT BLACK**

ZRC053

Material: Aluminium Alloy, Stainless Steel (screws)
 Weight: 77 g
 ←○→ 24 kN
 ↻↻↻ 24 kN
 ↻↻ 44 mm
 Norms: CE EN362:04/M



*** Anchor Plate**
R.E. 1/3 ZWA001

Weight: 70g
Strength: 33 kN
Material: Aluminium Alloy
Norms: CE EN 795.B



*** Simple Pulley**
R.E. ZWP001

Weight: 252g
Max. load capacity: 28 kN
Material: Aluminium Alloy
Norms: CE EN 12278



*** Simple Mini Pulley R.E.** ZWP018

Weight: 88g
Max. load capacity: 24 kN
Material: Aluminium Alloy
Norms: CE EN 12278



*** Self-blocking Pulley** ZWP022

Max. load capacity: 25 kN
Weight: 391g
Material: Aluminium Alloy
Norms: CE EN 12278

*** Mini Pulley SS** ZWP021

Max. load capacity: 20 kN
Weight: 101g
Material: Aluminium Alloy
Norms: CE EN 12278

*** Pulley** ZWP019

Max. load capacity: 25 kN
Weight: 210g
Material: Aluminium Alloy
Norms: CE EN 12278



*** Anchoring Lanyard**



	Length
CLI020	200 cm
CLI025	250 cm
CLI030	300 cm
CLI040	400 cm
CLI050	500 cm
CLI100	1000 cm
CLI150	1500 cm
CLI200	2000 cm
CLI250	2500 cm
CLO300	3000 cm
Strength:	22 KN
Norms:	CE EN 795.B



*** Step QB** WVS002

Min. Length: 100 cm
Max. Length: 150 cm
Weight: 106g AL, 118g QB



*** Fast Bag** CWW009

Rope bag for fast descents, usable in tough conditions where it is not possible or desirable for the rope to be on the ground. It can fasten to the waist, the thigh, or the calf. Adjusting the plastic buckles can be done on either side of the buckles making it functional on either the left or right leg.

If the rope is shorter and does not fill the entire space of the Fast Bag, included compression straps can be used to reduce the size of the bag quickly. At the bottom of the bag, on the outside, there is a strap for unpeeling the bag to remove the rope quickly. On the inside of the bag at the bottom, there is a loop for attaching a rope end. There are small holes in the bottom to remove water when necessary. When needed, the bag can be quickly detached and discarded by undoing a plastic buckle at the waist.

The waist connection is detachable and can be purchased separately as a spare part. Maximum length of rope is 60 m of 11 mm rope. Drawcord closure.

* Open Sling 20 mm PA Work



	Length
CNA060	60 cm
CNA080	80 cm
CNA120	120 cm
CNA150	150 cm
Length:	60, 80, 120, 150 cm
Strength:	35 kN
Width:	20 mm
Norms:	CE EN 354, EN 795.B



* Lanyard

	Length
CLI006	60 cm
CLI008	80 cm
CLI010	100 cm
CLI012	120 cm
CLI015	150 cm
Strength:	22 kN
Norms:	CE EN 354, EN 795.B



* Rope Protector



	Length
CRP005	50 cm
CRP007	70 cm
CRP010	100 cm
CRP012	120 cm

* Lanyard Y



	Length
CLY034	35/45 cm
CLY036	35/65 cm
CLY100	100/100 cm
Strength:	22 kN
Norms:	CE EN 354, EN 795.B

* Wild Ride Lanyard CLR006

Lanyard designed to work with pulleys in rope parks.

Weight:	108 g
Strength:	22 kN
Length:	60 cm
Norms:	CE EN 354, EN 795.B

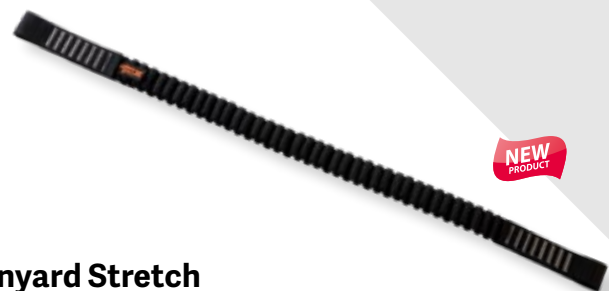


* Lanyard Stretch

CSI050 – 50 cm / black with red edges, CSI075 – 70 cm / black

The connecting and anchoring device, Lanyard Stretch, shortens its unloaded length by approx. 50%. This reduces the risk of tripping on it or it getting caught on obstacles during carrying or manipulation. It is suitable for connection with fall absorbers (ideally using RING Connect) or as a means of securing valuable equipment. It can be used separately or as part of a safety system or connecting chain. We recommend using XXL MULTI-USE Anti Slip to ensure correct positioning of the carabiners.

Length under tension:	100 cm and 140 cm
Material:	Polyamide
Norms:	CE EN345, EN795.B



NEW PRODUCT



IDENTIFICATION OF ROCK EMPIRE PRODUCTS

TYPE 1 (example: harness)		TYPE 2 (example: metal product)		TYPE 3 (example: sling and lanyards)	
SAMPLE		SAMPLE		SAMPLE	
Unique identification Number:	000000 / 000	Unique identification Number:	N0000 / 00	Unique identification Number:	0000 / 0000
Additional Optional Info = Month / Year:	0000 / 00	Unique sequential number in order:	0000	Additional Optional Info = Month / Year:	0000 / 00
EXAMPLE		EXAMPLE		EXAMPLE	
Unique identification Number:	063518 / 216	Unique identification Number:	N0015 / 18	Unique identification Number:	0083 / 0034
Additional Optional Info = Month / Year:	VII / 18	Unique sequential number in order:	0124	Additional Optional Info = Month / Year:	III / 18
0635 18 216 VII / 18	Internal Data Year Unique sequential number in batch Produced July 2018	N0015 18 0124	Internal Data Year Unique sequential number in order	0083 0034 0124 0034	Internal Data Unique sequential number in order Produced March 2018

ROCK EMPIRE PRODUCT LIFE

From 1. 1. 2015	
Work Harnesses	10 + 5 years storage
Textile Products	10 + 5 years storage
Ropes	10 + 5 years storage
Helmets	10 + 5 years storage
Metal Products	Restricted by wear and tear
From 1. 1. 2012	
Work Harnesses	10 + 2 years storage
Textile Products	10 + 2 years storage
Ropes	10 + 5 years storage
Metal Products	Restricted by wear and tear

As of December 31, 2011, full-body, chest, sit and adjustable harnesses from ROCK EMPIRE have a product life set at 10 years from the date of production. During the first 5 years from the date of first use, inspections should be done at least once every 12 months. Product life can then be extended by an additional maximum of five years on the condition that the inspections shall be conducted at least once every six months. The above conditions apply to harnesses made after 1. 1. 2009. Harnesses made in 2008 and earlier have a product life of 5 years. Other personal protection equipment produced by ROCK EMPIRE from 1. 1. 2009 have a product life of 5 + 5 years (the same conditions as harnesses), ropes – 10 years, metal products are restricted by wear and tear. Wear of metal products can be of maximum of 1 mm.

Product life of textiles produced starting on 1. 1. 2015 (harnesses and other textile products) has been adjusted to 10+5 years (5 years storage, 10 years from date of first use). Product life of ropes has been extended to 10+5 years (5 years of storage, 10 years after the date of first use).

STORAGE CONDITIONS ARE INCLUDED IN THE INSTRUCTION MANUAL.

Example: Harnesses made in 2015 can be properly stored for 5 years, and then should be put into use. If the harness is not damaged during use, the product life would be until 2030.

If an inspector authorized by ROCK EMPIRE finds that the personal protection equipment is not eligible for further use, the inspector has the right to exclude from further use even though the product life has not yet expired.

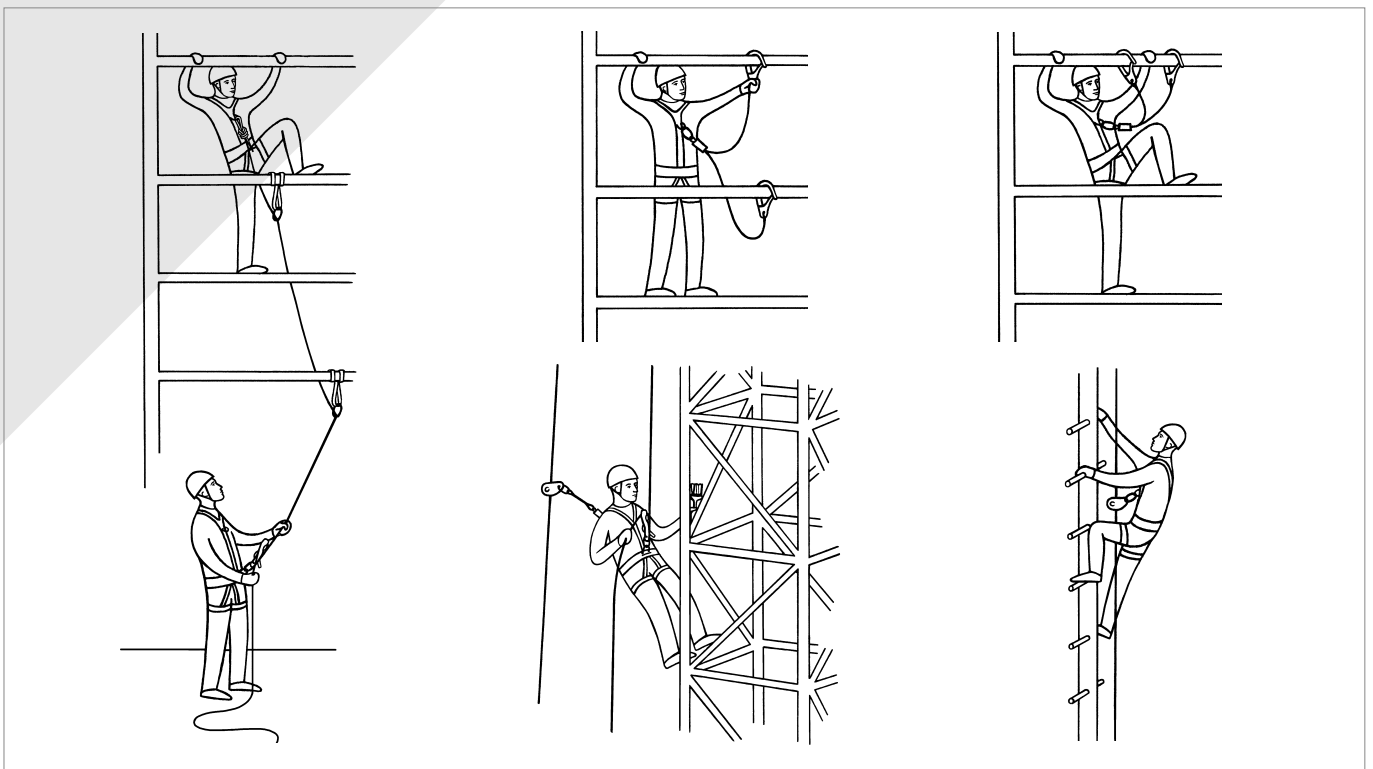
ROOFS

When moving on a roof, a worker is exposed to risks: slipping, falling over the edge or into open spaces. If there are not sufficiently strong securing points on the roof, securing points on the ground can be used. When the worker moves near the edge of the roof, the risk of falling increases and then it is necessary to incorporate a fall absorber.



POWER STRUCTURE

Using a dynamic rope to exit a steel truss structure using climbing equipment is permitted. If other ways of ascent and descent are used, a fall absorber should be incorporated.

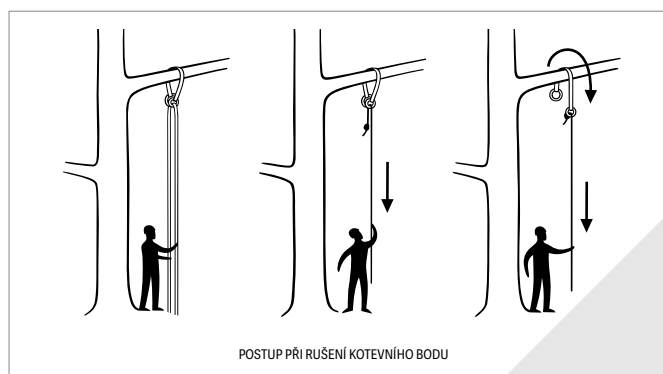
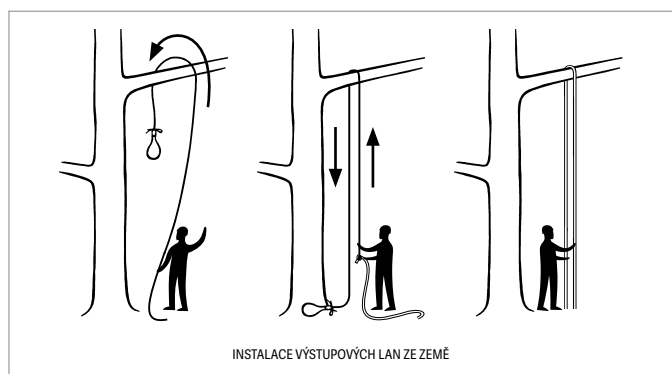






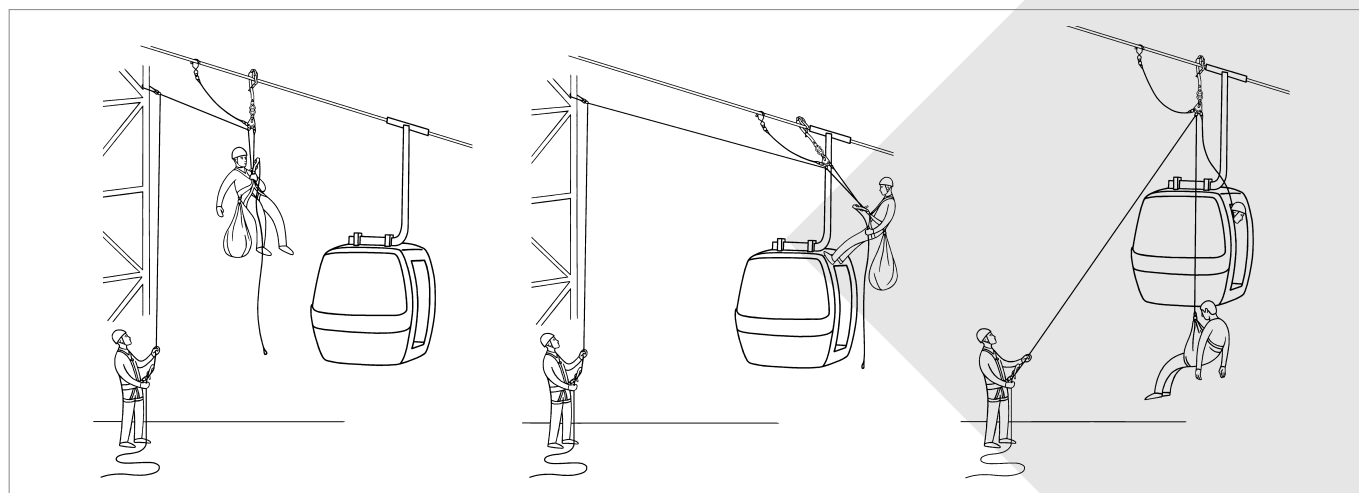
ARBORICULTURE

Originally, arboricultural techniques were used by workers at heights in situations where there was no other safe descent. These techniques mainly include creating a securing point and positioning the rope by using a throw bag.



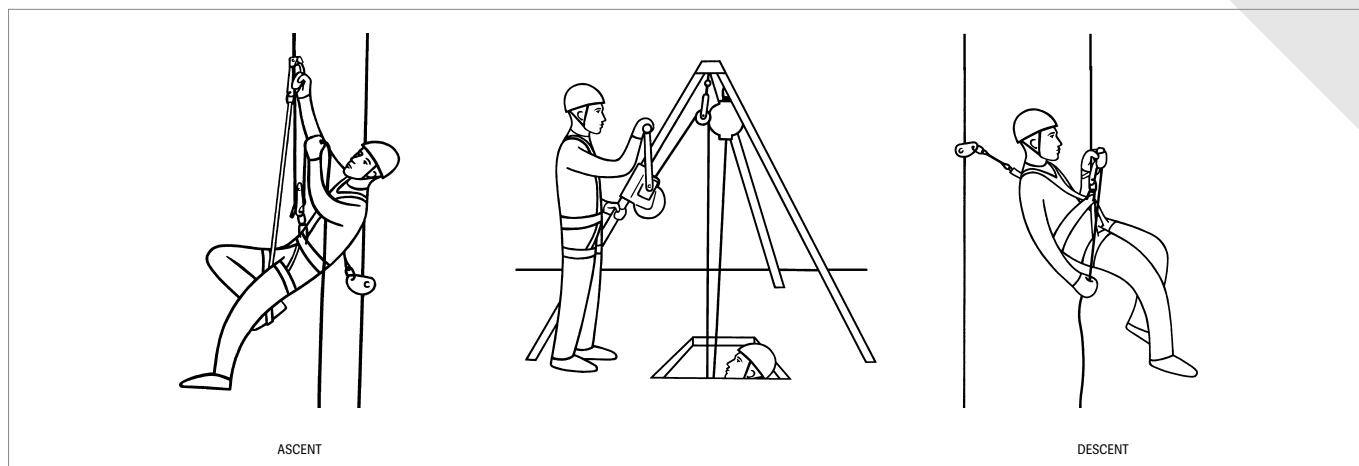
RESCUE

Specialized rescue teams using specialized techniques perform various types of rescue, such as the evacuation of the cable cars.



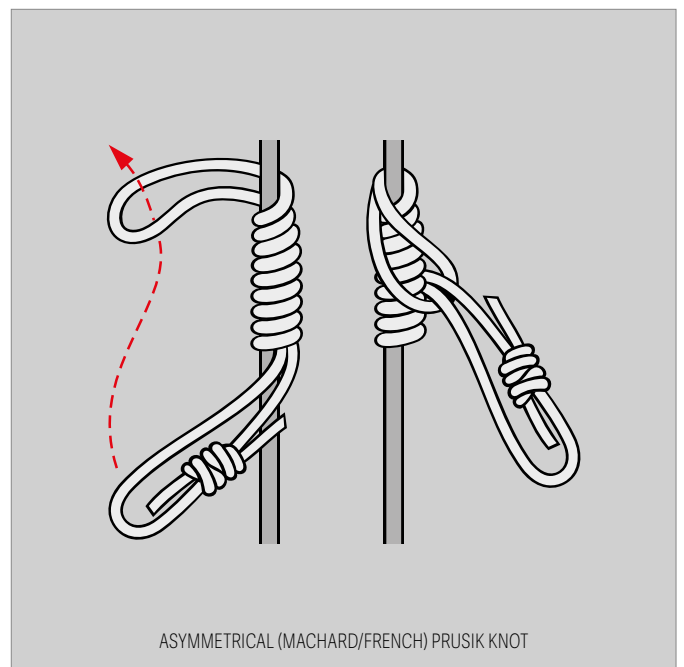
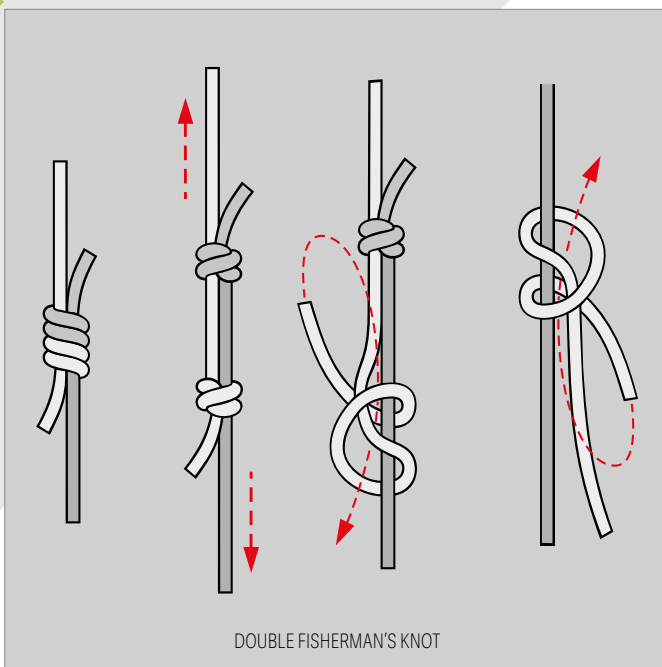
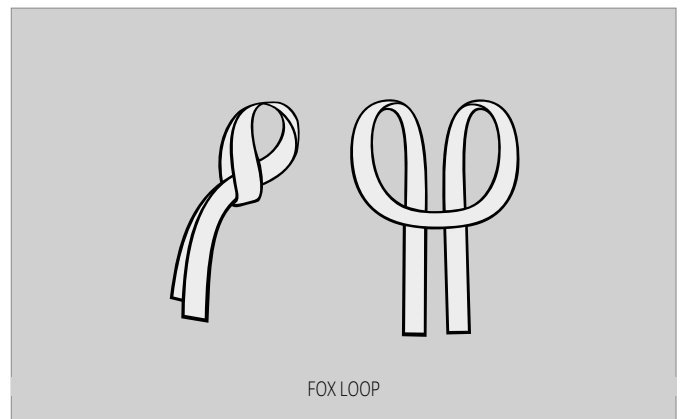
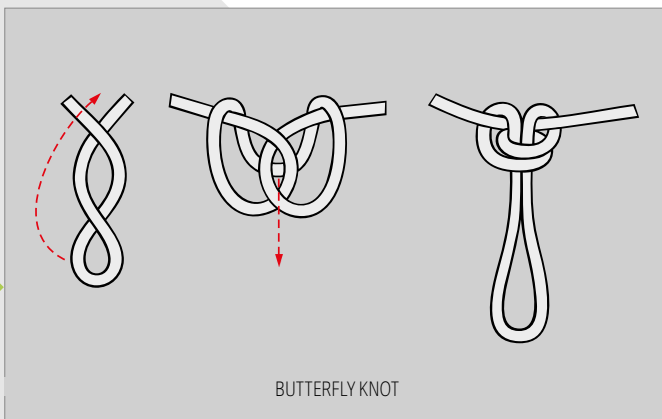
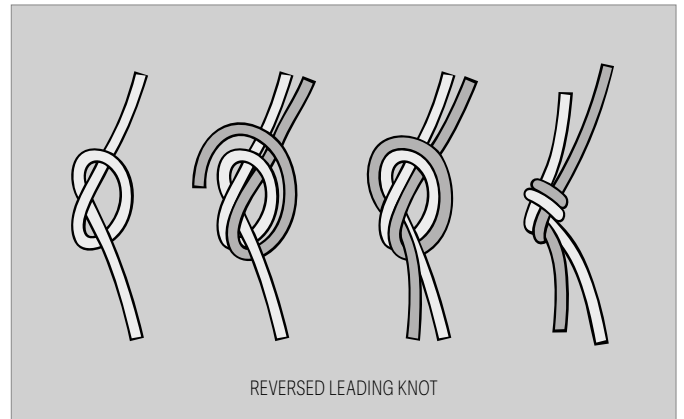
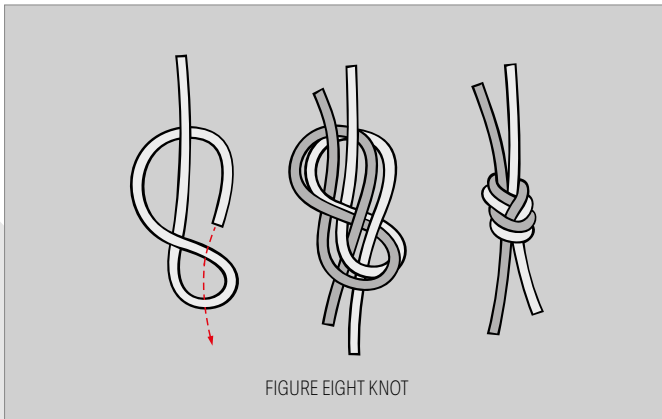
ASCENT / DESCENT

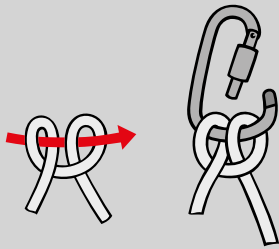
During ascent / descent, a two-rope technique is used. On the backup rope it is necessary to use both a descender and fall energy absorber.



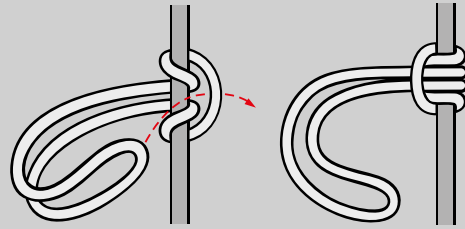
BASIC KNOTS

For safety, every worker at heights should be able to correctly tie a few basic knots.





BOAT KNOT



PRUSIK KNOT

NORMS

DOCUMENT	NAME
EN 341	Personal Fall Protection Equipment - Descenders
EN 341	Personal Fall Protection Equipment – Descenders – Revisions A1
EN 353-1, 2	Personal Fall Protection Equipment – Guided type fall arresters
EN 354	Personal Fall Protection Equipment – Connecting Equipment (Lanyards)
EN 355	Personal Fall Protection Equipment – Energy Absorbers
EN 358	Personal Fall Protection Equipment for Work Positioning
EN 360	Personal Fall Protection Equipment – Retractable type fall arresters
EN 361	Personal Fall Protection Equipment – Harnesses
EN 362	Personal Fall Protection Equipment – Connectors
EN 363	Personal Fall Protection Equipment – Fall Arrest Systems
EN 364	Personal Fall Protection Equipment – Test Methods
EN 365	Personal Fall Protection Equipment – General Requirements for Instructions and Labeling
EN 397	Specifications for industrial safety helmets
EN 795	Anchor devices
EN795/A1	Revisions
EN 813	Personal Fall Protection Equipment – Sit harnesses
EN 1095	Deck safety harness and safety line for use on recreational craft – Safety requirements and test methods
EN 12841	Rope access systems – Rope adjustment devices
EN 1868	List of equivalent terms
EN 1891	Low stretch kern mantel ropes
EN 1496	Rescue equipment – Rescue lifting device
EN 1497	Rescue equipment – Rescue harnesses
EN 1498	Rescue equipment – Rescue slings

IMPORTANT WARNING!

Activities, for which personal protection equipment (PPE) is needed, can be dangerous to your life and health.

For your safety, please note:

- Always read the PPE instructions for use before first use and keep for reference.
- Always use the PPE in the manner for which they were intended.
- Attend the required certification and re-certification courses.
- Inspect older and worn PPE and, when required, have your equipment inspected by a certified PPE examiner.
- In the event of questions or uncertainty about use of our PPE products, please contact ROCK EMPIRE Inc.

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