



User's instruction

CLiC-iT accessories

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C-ZAM ring

C-ZAM ring : Reference: DAS111

C-ZAM L ring : Reference: DAS145

C-ZAM V2 Rope ring : Reference: DAS095

C-ZAM L+ ring : Reference : DAS149

Description

C-ZAM, C-ZAM V2 Rope, C-ZAM L and C-ZAM L+ rings are designed to operate only with CLiC-iT safety systems.

Each ring is composed of one half-ring with 1 magnet which allow CLiC-iT connectors to be detected at 180°, and another half-ring necessary for fitting the ring.

The C-ZAM, C-ZAM V2 Rope, C-ZAM L and C-ZAM L+ rings are available in red (other colors are available on request) and are made from reinforced Polyamide glass fibers for optimized resistance.

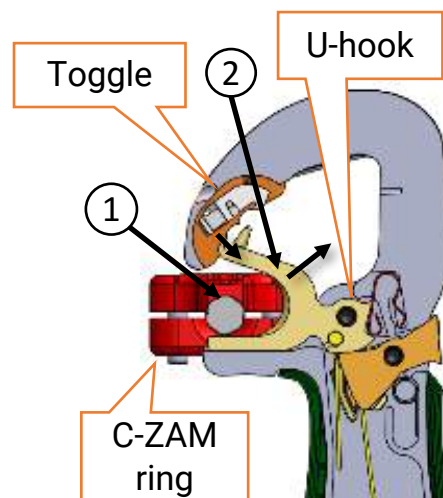
The C-ZAM L / L+ rings has a central color connection area.

Operating principle

When the connector is clipped onto the ring, the magnet in the advanced C-ZAM ring ① triggers the connector toggle thus enabling the locking of the U-hook ② only onto the authorised components of the route.

The C-ZAM, C-ZAM V2 Rope, C-ZAM L and C-ZAM L+ rings enable users/operators to

- Authorize the hooking of the connectors only* onto these rings (CLiC-iT C-ZAM version: DAS020 Ax2).
- Facilitate the hooking of the connector onto cables (CLiC-iT Classic: DAS020 Ax1 version).
- Mark out one or several routes, notably by using different colored rings.



Is locking possible?	CLiC-iT C-ZAM	CLiC-iT Classic
C-ZAM ring	✓	✓
Steel cable	✗	✓
Other (rope, etc ...)	✗	✗

C-ZAM / C-ZAM L		C-ZAM L+	
✓	✓	✓	✗

C-ZAM ring	C-ZAM V2 Rope ring	C-ZAM L / C-ZAM L+ rings

Fitting tools required :

- C-ZAM and C-ZAM V2 Rope ring : 5 mm BTR key, can be installed with a screw gun.
- C-ZAM L and C-ZAM L+ : TORX M4 key, can be installed with a screw gun.

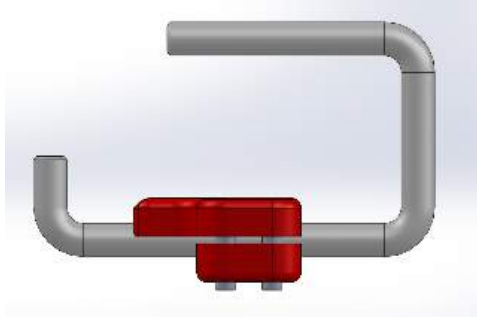
Fixing

The C-ZAM rings are designed to be fitted onto lifelines, with diameters of 10 mm, 12 mm and 12,7 mm.

Examples of fitting points for C-ZAM, C-ZAM L and C-ZAM L+ rings :



Ring on D12 cable



Ring on route entry/exit

Fitting point for C-ZAM V2 Rope: (Use C-ZAM V2 Rope only on ropes)



C-ZAM V2 Rope on rope

Recommendations













- Do not fit rings onto small-diameter cables.
- Do not fit rings where they will undergo direct shocks (base jumps).
- Fit extra rings onto the routes to enable users to get to easy access points in case of an emergency, such as lightning or a fire. For example, allow back tracking on some courses.
- Use and store C-ZAMs between -20°C and +40°C.
- C-ZAM rings are fitted with powerful magnets. Do not store them close to sensitive equipment (computers, phones, watches, etc.).
- At the start of zip-lines, do not fit the pulley ahead of or on the C-ZAM ring so as to avoid damaging it.
- Provide operators with a ring to enable them to trick the system so as to evacuate users.
- Have several spare rings immediately available to operators to free the lines in case of accidental damage to a C-ZAM ring. The C-ZAM rings are designed to be sturdy and long-lasting but the lack of a ring will hamper progress on a route. It is therefore better to be safe than sorry.
- To check effective operation and installation of the rings (ergonomic position and orientation for the user), test by hooking a CLiC-iT onto each ring before using them on the course.

Forbidden manoeuvre :


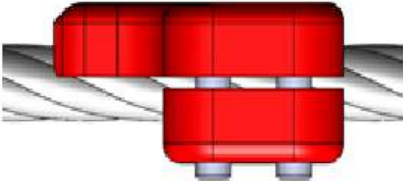
Do not try to trick the trigger of the connector on the top of the C-ZAM ring.



Procedure for fitting C-ZAM , C-ZAM V2 Rope and C-ZAM L / L+ rings

	Step 1	Step 2	Step 3	Step 4
C-ZAM				
C-ZAM V2 Rope				
C-ZAM L / L+				
	<p>Material provided :</p> <p>C-ZAM et C-ZAM V2 Rope</p> <ul style="list-style-type: none"> - 2 C-ZAM half rings - 4 screws <p>C-ZAM L / L+</p> <ul style="list-style-type: none"> - 3 C-ZAM half rings - 4 screws 	Position both half-rings on your cable or your rope	Screw crosswise using a 5mm BTR key (C-ZAM and C-ZAM V2 Rope) or a TORX M4 (C-ZAM L and C-ZAM L+) without tightening all the way	Finish screwing the 4 screws crosswise, tightening can be done using a screw gun (be careful to limit the torque)

Installation instructions

<p>Installation on 10 diameter</p> <p>Route in/out system</p>	<p>Wrap Chatterton scotch tape around the 10 diameter cable 3 times in order to obtain a diameter of 12</p>	
<p>Sheathed 12 mm diameter</p>	<p>Assembly described below</p>	
<p>1/2 inch diameter (12.7 mm)</p>	<p>Assembly described below</p>	
<p>Assembly on 12 mm diameter loop</p>	<p>Assembly described below</p>	

Harness connector clip C-TWO

Reference : DAS046

Function :

- Holds the connectors on the side of the harness between routes.
- Prevents connectors from dragging on the ground, particularly when used by children.

Specifications :

- Ø2 mm plastic-sheathed stainless-steel cable
- 100mm high-resistance polyamide handle
- No modifications need to be made to the harness.
- Tensile strength: 40 kg



Attached with a Lark's foot knot or cow hitch on :

- Clip : length 80mm
- Harness : length 67mm

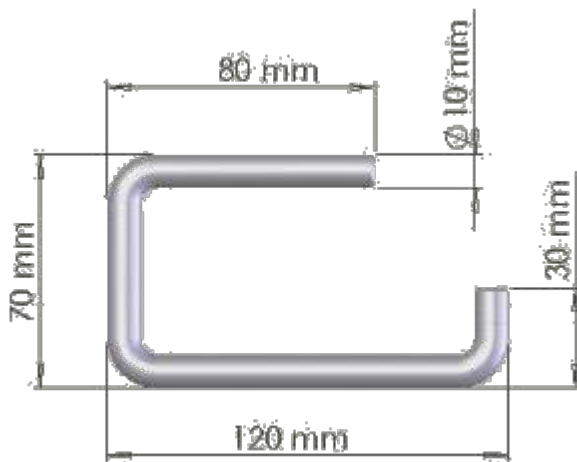


Route in/out system C-OFF

Reference : DAS044

Description

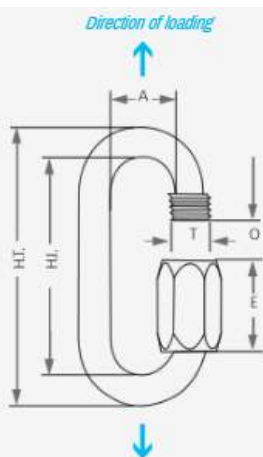
- Ø10 mm zinc-plated steel
- Permits the fitting and removal of the 2 connectors on the lifeline at the start and end of a route: to be fitted only at ground level.
- Fitted with cable clamps (not supplied)
- Compatible with C-ZAM sling.



Quick link

Reference: MRNI07.0

Standard EN Maillon rapide



Material

APPLICATION

PPE Climbing & Mountaineering
PPE Industrial

Tightening torque

Recommendation

Product request

Quote:
for quote request, insert quantity in the chart below
before clicking on the basket.

The original oval shape was developed on the principle of a chain link fitted with manual nut opening. This shape reflects the spirit of Maillon Rapide quick links connectors.

Stainless steel

Other materials and dimensions

Zinc plated steel | Zicral

Reference	Diameter		Dimensions - mm							Weight	BL	Quote
	mm	inches	H.T.	H.L.	A	O	E	T	g	kN	Qty	
MRNI07.0 EN	7	9/32"	66	52	16	8,5	21,5	10	52	45 kN		

Climbing sling C-0 / Swen sling C-1

Reference :		DAS060-35	C-0 35cm	DAS060-EL100	C-1 100cm
DAS060-25	C-0 25cm	DAS060-45	C-0 45cm	DAS060-EL110	C-1 110cm
DAS060-30	C-0 30cm	DAS060-EL90	C-1 90cm	DAS060-EL120	C-1 120cm

Life expectancy

The life expectancy of the loop depends on how and how often it is used. Including both the storage time and the time in use, the life expectancy is estimated at an average of maximum 15 years. Only an annual inspection by a trained person can determine whether or not the product is in good condition or should be taken out of use. This last point is even more true in the event of extensive use (daily use, excessive use). It may be stored for 5 years prior to use, which extends its shelf life from its date of manufacture.

In any case, dispose of the loop after 10 years of use.


Sale

For the user's safety, it is vital, if the product is resold outside the first destination country, that the distributor provides the product use, maintenance, scheduled check and repair instructions in the language of the country of use.

Marking

Brand name: CLiC-iT

Model : Swen runner

 : Pictogram indicating that users must read these instructions

EC: compliance with European directive

0082: number of the intervening certifying body for the monitoring of production (article 11a)

Number of European standard, i.e., EN 566: 2006

22kN : resistance guaranteed on production

Manufacturing number: the first 4 digits represent the serial number and the last 2 digits the year of manufacture

Certifying body intervening for the EC test of the type and article 11a :

APAVE SUDEUROPE SAS

CS60193

13322 MARSEILLE Cedex 16 – France

Description

This product is a runner for mountaineering, climbing and safety.

CLIMBING SLING

Materials :

Nylon

Polyester thread

14mm SPECTRA loop

CE 0082

EN 566 : 2006

Loop



SWEN SLING

CE 0082

EN 566 : 2006

Loop



IDENTIFICATION AND VERIFICATION SHEET

IDENTIFICATION

Model :

Type :

Serial number :

Year of manufacture :

Date of purchase :

Date of first use :

Frequency of use :

INSPECTIONS AND REPAIRS

INSPECTION 1

Date :

Defects/repairs :

Inspector's signature :

INSPECTION 2

Date :

Defects/repairs :

Inspector's signature :

INSPECTION 3

Date :

Defects/repairs :

Inspector's signature :

INSPECTION 4

Date :

Defects/repairs :

Inspector's signature :

INSPECTION 5

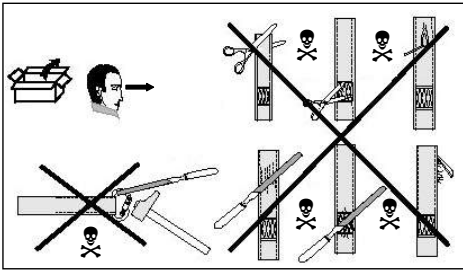
Date :

Defects/repairs :

Inspector's signature :

Checks before use

Thoroughly check and inspect the condition of the runner before each use, Monitor possible damage such as tears, frays, cut threads and worn patches.



- if it has been used to stop a fall or has suffered a significant impact, even if the product does not show any signs of damage.
- if the loop or the stitches are damaged.
- if it show significant signs of wear (frays, fluff).
- if it comes into contact with chemical products, acids, oil, or solvents.

In any of the above cases, the product should not be reused without prior written authorisation by a qualified person.

Positioning of the loop

Fit the loop onto the anchor point.



>2200Kg

=1600Kg

Use

Climbing and mountaineering activities are dangerous and may result in serious or even fatal injuries.

Please read this leaflet carefully.

This product should only be used by trained or competent people or, where appropriate, under the direct supervision of a trained and competent person. It is your responsibility to learn about the appropriate techniques and safety measures.

In any case, this equipment must not be used beyond its limits or in any other situation for which it is not designed.

In addition, if other components are used with the runner loop, these must be compatible. This runner loop must only be used with other components that comply with current European standards on mountaineering and climbing.

Precautions

Protect the loop against dangers that are likely to affect its performance by avoiding all contact with chemical reagents, electrical conductivity, jagged parts (risks due to jagged edges), abrasive surfaces or sharp edges. Avoid unnecessary exposure to UV light, extreme temperatures (exposure to frost), and to humidity.

The resistance of this product is directly affected by the knots used on it.

The loop must be withdrawn from circulation:

- if there is any doubt as to its safety.

Maintenance and storage

To clean, use clean warm water (max 30°C) and, if necessary, gentle soap.

Leave to dry in the open air at ambient temperature, away from all sources of direct heat. These cleaning and drying methods must be strictly adhered to.

Store the product in a dry, airy location away from direct light.

Ensure that the loops are protected against external aggressions when being transported.



Periodical inspections

You should inspect your loop regularly as maintaining the efficiency and resistance of the equipment has a bearing on the user's safety: Before and after each use, check the condition of the product and ensure that the markings are legible.

Check the condition of the loop and of the connections with other elements of the system during use.

Carry out a thorough inspection of the loop at least every 12 months using the manufacturer's prescribed methods of periodical inspections. These inspections must only be carried out by the manufacturer or a manufacturer-authorized person or organisation.

The equipment should be checked by one and the same person to ensure its better monitoring.

The equipment may not be modified or added to without the manufacturer's prior written agreement. Do NOT attempt to repair the equipment yourself: if the equipment needs to be repaired, return it to the manufacturer.

C-8 swivel

Reference : DAS070

Life expectancy

The life expectancy of the CLiC-iT swivel depends on how and how often it is used. Including both the storage time and the time in use, the life expectancy is estimated at an average of 10 years. It should be noted that climbing or caving in a saline environment considerably reduces the life expectancy of the swivel. Avoid knocking or rubbing against sharp parts or causing fraying (eg. rocks).

Only an annual inspection by a trained and competent person can determine whether or not the product is in good condition or should be taken out of use. This last point is even more true in the event of extensive use (daily use, excessive use). In any case, dispose of the swivel after 10 years of use.


Sale

For the user's safety, it is vital, if the product is resold outside the first destination country, that the distributor provides the product use, maintenance, scheduled check and repair instructions in the language of the country of use.

Markings

Brand name : CLIC-IT

Model : 24kN Swivel

 : Pictogram indicating that users must read these instructions

EC: compliance with European directive 0082: number of the intervening certifying body for the monitoring of production (article 11a)

24kN : resistance guaranteed on production.

Manufacturing number: the last 4 digits represent the serial number and the first 4 digits the month and the year of manufacture.

52 mm : useful maximum length between 2 swivel rings.

Certifying body intervening for the test:

EC of the type and article 11a :

APAVE SUDEUROPE

CS60193

13322 MARSEILLE CEDEX 16 – France

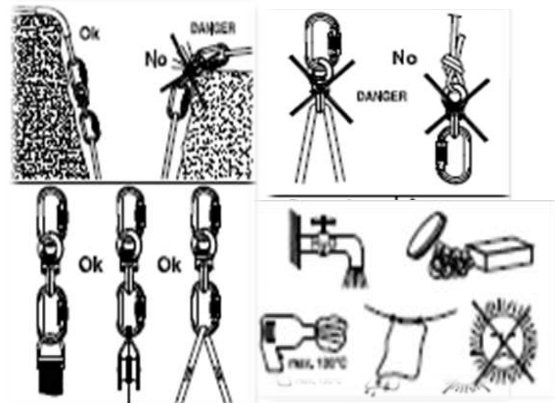
Description

Swivel made of stainless steel integrating a mechanical rotation without ball bearings.

CLIC-IT SWIVEL 24kN

Materials : stainless steel

Mass : 90 g



IDENTIFICATION AND VERIFICATION SHEET

IDENTIFICATION

Model :
Type :
Serial number :
Year of manufacture :
Date of purchase :
Date of first use :

Frequency of use :

INSPECTIONS AND REPAIRS

INSPECTION 1

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 2

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 3

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 4

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 5

Date :
Defects/repairs :

Inspector's signature :

Check before use

With each use, the state of the swivel must be rigorously and visually inspected by a trained and competent person.

Use

The CLiC-iT swivel is a system that allows free rotation removing the twist and may be associated with personal protective equipment.

This swivel can be mounted on personal protective equipment against falls from EN362 heights, used in mountaineering and EN12275 climbing or for high rope activities. These activities are dangerous and could result in serious and even fatal injuries. It is not necessary for this product to be personally aimed at a single user in the event of a collective donation.

Carefully read and understand these instructions.

This product should only be used by trained or competent people or, where appropriate, under the direct supervision of a trained and competent person. It is your responsibility to learn about the appropriate techniques and safety measures.

In any case, this equipment must not be used beyond its limits or in any other situation for which it is not designed. If other components are used with this product, their compatibility must also be checked.

It is vital that you are positioned under the anchor point of the anti-fall system in such a way as to minimise the possibility of a fall or to minimise the height of the fall. Leaving enough free space under the user is a basic condition for a safe stop of a fall; the height of the fall, the extension of the rope or the movement of the user's swing has to be taken into account in order to avoid all possible obstacles.

A safe and efficient rescue method should be established should someone find themselves in trouble while using this product. Ensure the user's health and medical condition, which would influence safety during normal usage and in case of an emergency when using the product.

Equipping yourself with a personal protective system against falls (PPE) does not justify freely exposing yourself to fatal risks.

The manufacturer declines all responsibility in the event of misuse or incorrect application of the product or for swivels modified or repaired by third parties not authorised by the manufacturer. These repairs must be carried out according to the operating method provided by the manufacturer.

Verify that the use of this equipment is compatible with other systems conforming to the European standards, such as for example, regarding sports equipment: EN566 sling, EN892 dynamic ropes, EN12275 connectors and the industry equipment: EN362 connectors, etc.).

As a reminder, a fall-arrest harness is the only harness designed to hold the body that will be allowed to be used in a fall-arrest system.

Verify that the system is correctly assembled and that the various elements work without interfering.

When using several articles be careful to make sure that the safety function of one of the articles is not affected by the safety function of another article or doesn't interfere with it.

The total length of a sub-system with a lanyard containing a shock absorber, manufactured ends and connectors (example: CLiC-IT Pro lanyards) cannot be longer than 2 m.

When the swivel is inserted in a fall-arrest system, pay attention to its length to properly regulate the other elements and not compromise the system's efficiency. As a reminder, a lanyard should not be used to stop falls if it does not have a shock absorption system, for example, a shock absorber.

Storage and transport

Remove the swivel from its packaging and store it in a dry, clean and ventilated spot. The swivel should not come into contact with corrosive chemical substances, solvents and heat sources. There are no other special precautions to be taken during transport.

Maintenance

Always ensure the swivel is in good condition before and during use. Replace the swivel in case of doubts about its condition, if it shows signs of wear or corrosion. Avoid contact with heat sources, corrosive substances. In case of contact wash immediately with clean water (between 15 and 20°C) then dry with a cloth.

Verify the totality of the swivel and its proper rotation. If any doubts persist, please contact SARL DEHONDT. All maintenance and inspection of the swivel must be reported on the following inspection sheet. No lubrication is necessary under normal conditions of use. Verify the legibility of the product's markings at each periodic inspection.

General operating instructions

Before each use, verify, inspect and ensure the compliance of the CLiC-IT swivel. In case of doubt, replace it. As a single-use (not integrated in a CLiC-IT lanyard), the system's anchor point should preferably be positioned above the user and should have a minimum resistance of 15Kn. This swivel was examined for use in standard weather conditions (-30°C/+50°C). Replace the product if it was subject to a significant fall, even if it doesn't show any faulty visual or functional aspects.

Should the swivel be used on an edge, the use of the swivel should comply with the illustrations presented in this document.

C-8+ swivel

Reference : DAS132

Life expectancy

The life expectancy of the CLiC-iT C8+ swivel depends on how and how often it is used. Including both the storage time and the time in use, the life expectancy is estimated at an average of 10 years. It should be noted that climbing or caving in a saline environment considerably reduces the life expectancy of the swivel. Avoid knocking or rubbing against sharp parts or causing fraying (eg. rocks).

Only an annual inspection by a trained and competent person or the manufacturer can determine whether or not the product is in good condition or should be taken out of use. This last point is even more true in the event of extensive use (daily use, excessive use). In any case, dispose of the swivel after 10 years of use.


Sale

For the user's safety, it is vital, if the product is resold outside the first destination country, that the distributor provides the product use, maintenance, scheduled check and repair instructions in the language of the country of use.

Markings

Brand name : CLIC-IT

Model : 25kN Openable swivel C8+

 : Pictogram indicating that users must read these instructions

EC: compliance with European directive 0082: number of the intervening certifying body for the monitoring of production (article 11a)

25kN : resistance guaranteed on production.

Manufacturing number: the last 4 digits represent the serial number and the first 4 digits the month and the year of manufacture.

57 mm : useful maximum length between 2 swivel rings.

Certifying body intervening for the test:

EC of the type and article 11a :

APAVE SUDEUROPE

CS60193

13322 MARSEILLE CEDEX 16 – France

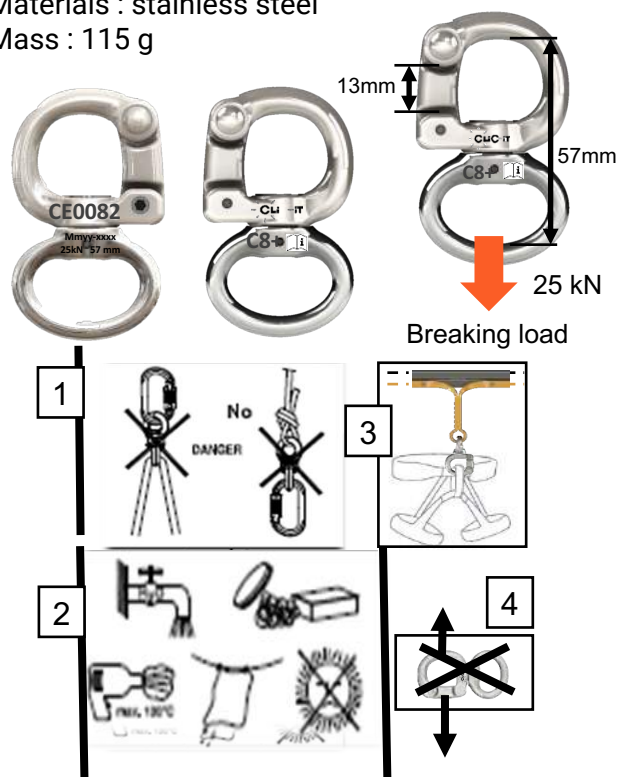
Description

Swivel made of stainless steel integrating a mechanical rotation without ball bearings and a openable part with double security.

CLIC-IT openable SWIVEL 25kN

Materials : stainless steel

Mass : 115 g



1: prohibited assembly

2: storage and maintenance

3: Correct fitting on a harness

4: prohibited solicitation

IDENTIFICATION AND VERIFICATION SHEET

IDENTIFICATION

Model :
Type :
Serial number :
Year of manufacture :
Date of purchase :
Date of first use :

Frequency of use :

INSPECTIONS AND REPAIRS

INSPECTION 1

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 2

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 3

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 4

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 5

Date :
Defects/repairs :

Inspector's signature :

Check before use

With each use, the state of the swivel must be rigorously and visually inspected by a trained and competent person.

Use

The CLiC-iT C8+ swivel is a system that allows free rotation removing the twist and may be associated with personal protective equipment. This product is intended for occasional openings.

This swivel can be mounted on personal protective equipment for use on Via Ferrata and acrobatic course only. These activities are dangerous and could result in serious and even fatal injuries. It is not necessary for this product to be personally aimed at a single user in the event of a collective donation.

Carefully read and understand these instructions.

This product should only be used by trained or competent people or, where appropriate, under the direct supervision of a trained and competent person. It is your responsibility to learn about the appropriate techniques and safety measures.

In any case, this equipment must not be used beyond its limits or in any other situation for which it is not designed. If other components are used with this product, their compatibility must also be checked.

Equipping yourself with a personal protective system against falls (PPE) does not justify freely exposing yourself to fatal risks.

The manufacturer declines all responsibility in the event of misuse or incorrect application of the product or for swivels modified or repaired by third parties not authorised by the manufacturer. These repairs must be carried out according to the operating method provided by the manufacturer.

Verify that the use of this equipment is compatible with other systems conforming to the European standards, such as for example, regarding sports equipment: EN566 sling, EN892 dynamic ropes, EN12275 connectors.

Verify that the system is correctly assembled and that the various elements work without interfering.

When using several articles be careful to make sure that the safety function of one of the articles is not affected by the safety function of another article or doesn't interfere with it.

Storage and transport

Remove the swivel from its packaging and store it in a dry, clean and ventilated spot. The swivel should not come into contact with corrosive chemical substances, solvents and heat sources. There are no other special precautions to be taken during transport.

Maintenance

Always ensure the swivel is in good condition before and during use. Replace the swivel in case of doubts about its condition, if it shows signs of wear or corrosion. Avoid contact with heat sources, corrosive substances. In case of contact wash immediately with clean water (between 15 and 20°C) then dry with a cloth.

Verify the totality of the swivel and its proper rotation. If any doubts persist, please contact SARL DEHONDT. All maintenance and inspection of the swivel must be reported on the following inspection sheet. No lubrication is necessary under normal conditions of use. Verify the legibility of the product's markings at each periodic inspection.

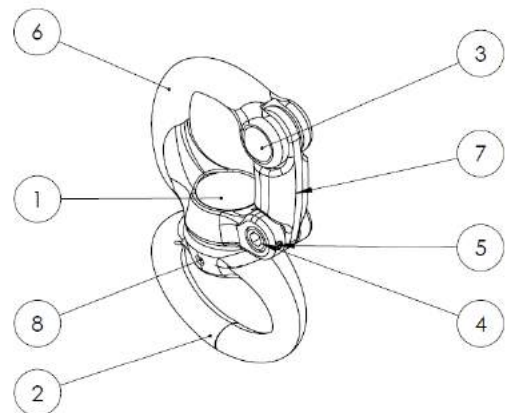
General operating instructions

Before each use, verify, inspect and ensure the compliance of the CLiC-iT C8++ swivel. In case of doubt, replace it. This swivel was examined for use in standard weather conditions (-30°C/+50°C). Replace the product if it was subject to a significant fall, even if it doesn't show any faulty visual or functional aspects.

Effect of aging

All products are subject to aging, due to use, storage. Aging can reduce the effectiveness of the product. The aging of the product depends directly on the use of the product, the frequency of use, the competence of the user, the environment during use. In addition, changing standards can make the product obsolete.

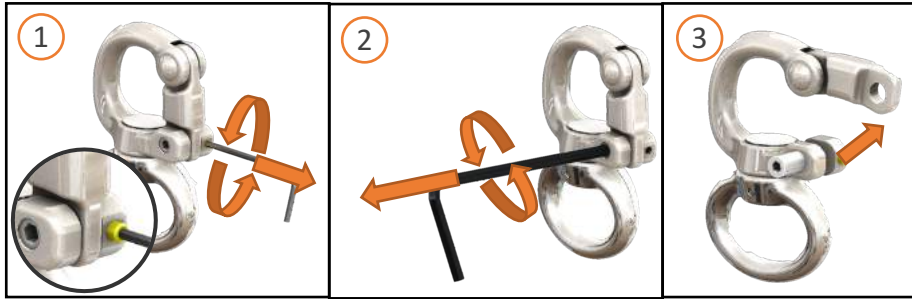
Component detail



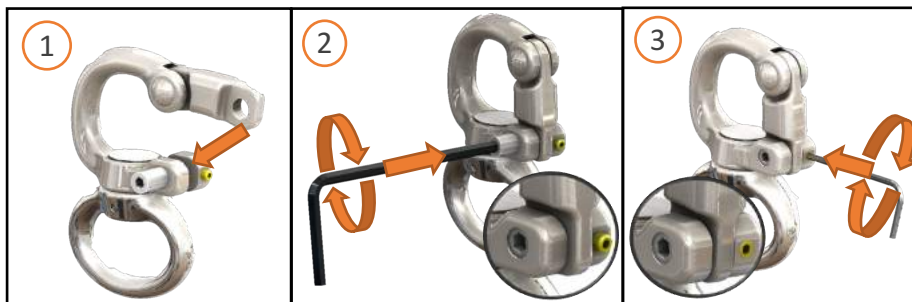
Piece number	Piece	Material	Qty
1	Axis	Stain* 1,4404	1
2	Ring	Stain* 1,4462	1
3	Rivet	Stain* 1,4301	1
4	Closing axis	Stain* 1,4301	1
5	Locking screw	Stain* 1,4301	1
6	Openable Ring	Stain* 1,4462	1
7	Finger	Stain* 1,4462	1
8	Assembly pin	Stain* 1,4301	1

*Stain = Stainless steel

Disassembly



Assembly



The screws must be changed during each disassembly / assembly (thread locking glue on the locking pin (blue color))

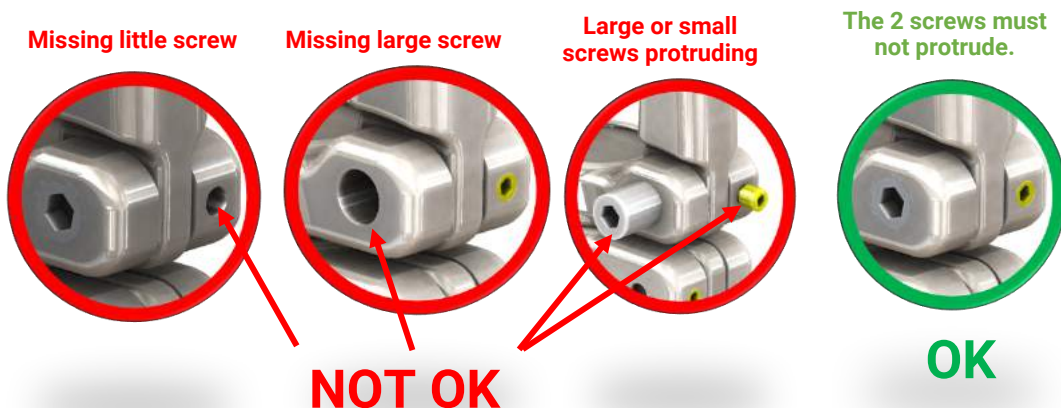
The C-8+ swivel is supplied by default with its disassembly / assembly tool. Available without tools on request.

Assembly

Only mount in a suitable place where you can easily avoid losing the screws from the opening ring. Make sure the 2 screws are present before and after each assembly / disassembly. The two screws prevent the opening of the system. If one of the screws is missing, the C8 + swivel must not be used, in this case contact CLiC-iT technical support. Tighten the screw securely. The C8 + swivel is locked only if the latch is closed and the screws are fully tightened. Charging the C8 + in any other way is dangerous and can reduce its resistance, for example when the screws are not fully tightened. The C8 + swivel must only be opened in exceptional circumstances (eg when the textile strap is worn and needs to be replaced).

Control

Before each use, check the presence and correct positioning of the safety screws.



C-8++ swivel

Reference: DAS155

Life expectancy

The life expectancy of the CLIC-iT C8++ swivel depends on how and how often it is used. Including both the storage time and the time in use, the life expectancy is estimated at an average of 10 years. It should be noted that climbing or caving in a saline environment considerably reduces the life expectancy of the swivel. Avoid knocking or rubbing against sharp parts or causing fraying (eg. rocks).

Only an annual inspection by a trained and competent person or the manufacturer can determine whether or not the product is in good condition or should be taken out of use. This last point is even more true in the event of extensive use (daily use, excessive use). In any case, dispose of the swivel after 10 years of use.


Sale

For the user's safety, it is vital, if the product is resold outside the first destination country, that the distributor provides the product use, maintenance, scheduled check and repair instructions in the language of the country of use.

Markings

Brand name : CLIC-IT

Model : 25kN Openable-openable swivel C8++

 : Pictogram indicating that users must read these instructions

EC: compliance with European directive 0082: number of the intervening certifying body for the monitoring of production (article 11a)

25kN : resistance guaranteed on production.

Manufacturing number: the last 4 digits represent the serial number and the first 4 digits the month and the year of manufacture.

63 mm : useful maximum length between 2 swivel rings.

Certifying body intervening for the test:

EC of the type and article 11a :

APAVE SUDEUROPE

CS60193

13322 MARSEILLE CEDEX 16 – France

Description

Swivel made of stainless steel integrating a mechanical rotation without ball bearings and a openable part with double security.

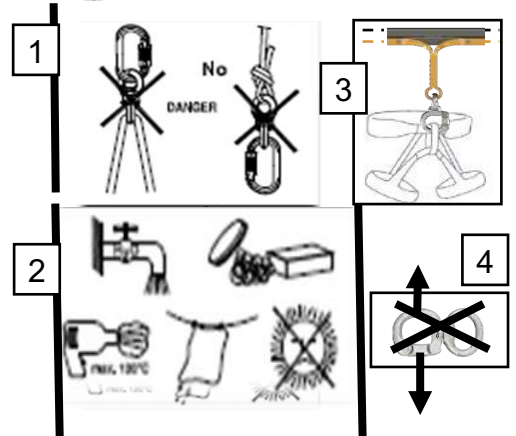
EMERILLON openable-openable

CLIC-IT 25kN

Materials : stainless steel

Mass : 152 g

CE 0082



1: prohibited assembly

2: storage and maintenance

3: Correct fitting on a harness

4: prohibited solicitation

IDENTIFICATION AND VERIFICATION SHEET

IDENTIFICATION

Model :
Type :
Serial number :
Year of manufacture :
Date of purchase :
Date of first use :

Frequency of use :

INSPECTIONS AND REPAIRS

INSPECTION 1

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 2

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 3

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 4

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 5

Date :
Defects/repairs :

Inspector's signature :

Check before use

With each use, the state of the swivel must be rigorously and visually inspected by a trained and competent person.

Use

The CLiC-iT C8++ swivel is a system that allows free rotation removing the twist and may be associated with personal protective equipment. This product is intended for occasional openings.

This swivel can be mounted on personal protective equipment for use on Via Ferrata and acrobatic course only. These activities are dangerous and could result in serious and even fatal injuries. It is not necessary for this product to be personally aimed at a single user in the event of a collective donation.

Carefully read and understand these instructions.

This product should only be used by trained or competent people or, where appropriate, under the direct supervision of a trained and competent person. It is your responsibility to learn about the appropriate techniques and safety measures.

In any case, this equipment must not be used beyond its limits or in any other situation for which it is not designed. If other components are used with this product, their compatibility must also be checked.

Equipping yourself with a personal protective system against falls (PPE) does not justify freely exposing yourself to fatal risks.

The manufacturer declines all responsibility in the event of misuse or incorrect application of the product or for swivels modified or repaired by third parties not authorised by the manufacturer. These repairs must be carried out according to the operating method provided by the manufacturer.

Verify that the use of this equipment is compatible with other systems conforming to the European standards, such as for example, regarding sports equipment: EN566 sling, EN892 dynamic ropes, EN12275 connectors.

Verify that the system is correctly assembled and that the various elements work without interfering.

When using several articles be careful to make sure that the safety function of one of the articles is not affected by the safety function of another article or doesn't interfere with it.

Storage and transport

Remove the swivel from its packaging and store it in a dry, clean and ventilated spot. The swivel should not come into contact with corrosive chemical substances, solvents and heat sources. There are no other special precautions to be taken during transport.

Maintenance

Always ensure the swivel is in good condition before and during use. Replace the swivel in case of doubts about its condition, if it shows signs of wear or corrosion. Avoid contact with heat sources, corrosive substances. In case of contact wash immediately with clean water (between 15 and 20°C) then dry with a cloth.

Verify the totality of the swivel and its proper rotation. If any doubts persist, please contact SARL DEHONDT. All maintenance and inspection of the swivel must be reported on the following inspection sheet. No lubrication is necessary under normal conditions of use. Verify the legibility of the product's markings at each periodic inspection.

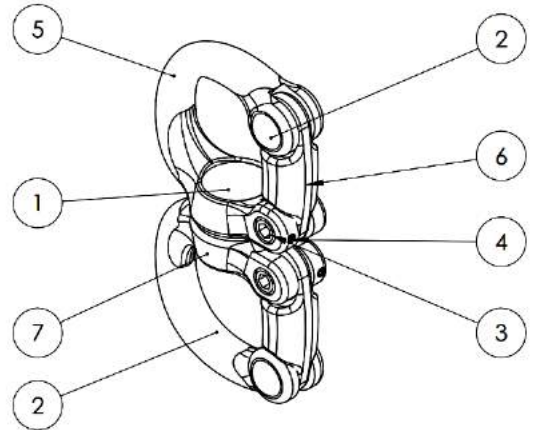
General operating instructions

Before each use, verify, inspect and ensure the compliance of the CLiC-iT C8++ swivel. In case of doubt, replace it. This swivel was examined for use in standard weather conditions (-30°C/+50°C). Replace the product if it was subject to a significant fall, even if it doesn't show any faulty visual or functional aspects.

Effect of aging

All products are subject to aging, due to use, storage. Aging can reduce the effectiveness of the product. The aging of the product depends directly on the use of the product, the frequency of use, the competence of the user, the environment during use. In addition, changing standards can make the product obsolete.

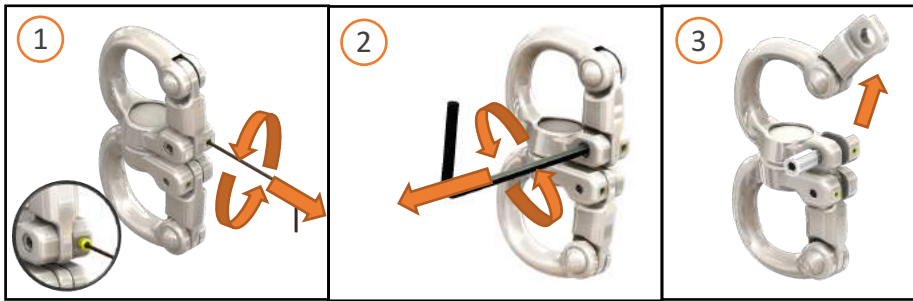
Component detail



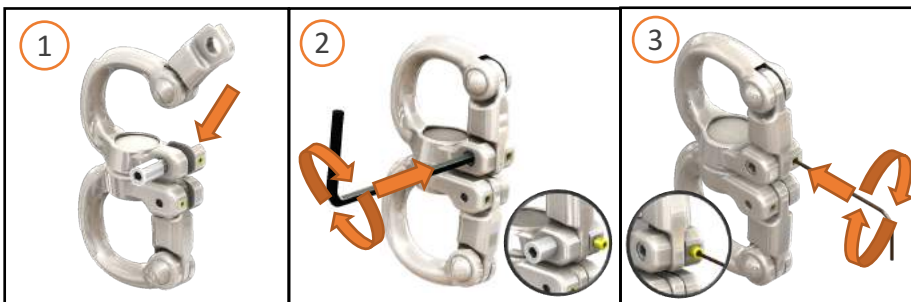
Piece number	Piece	Material	Qty
1	DAS133 Axis	Stain* 1,4404	1
2	DAS135 Rivet	Stain* 1,4301	2
3	DAS136 Closing axis	Stain* 1,4301	2
4	Locking screw	Stain* 1,4301	1
5	DAS138 Openable Ring	Stain* 1,4462	2
6	DAS139 Closing finger	Stain* 1,4462	2
7	Fluted pin	Stain* 1,4301	1

*Stain = Stainless steel

Disassembly



Assembly



The screws must be changed during each disassembly / assembly (thread locking glue on the locking pin (blue color))

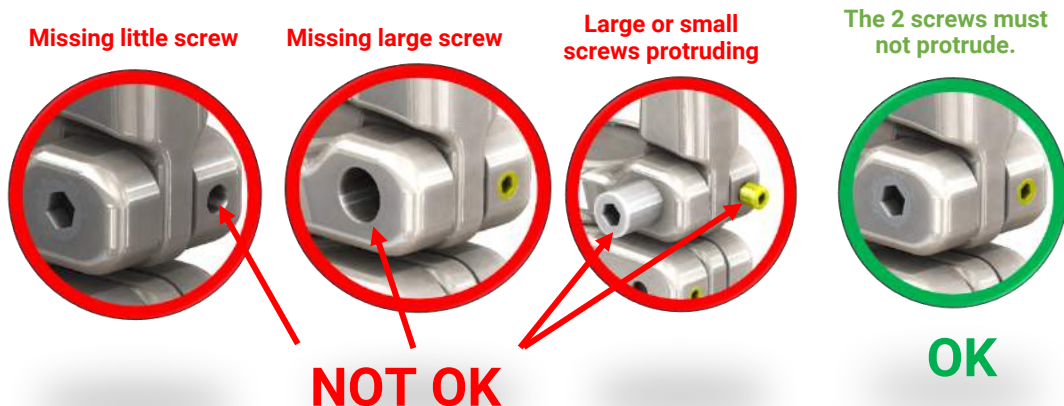
The C8++ swivel is supplied by default with its disassembly / assembly tool. Available without tools on request.

Assembly

Only mount in a suitable place where you can easily avoid losing the screws from the opening ring. Make sure the 4 screws are present before and after each assembly / disassembly. The two screws prevent the opening of the system. If one of the screws is missing, the C8++ swivel must not be used, in this case contact CLiC-iT technical support. Tighten the screw securely. The C8++ swivel is locked only if the latch is closed and the screws are fully tightened. Charging the C8++ in any other way is dangerous and can reduce its resistance, for example when the screws are not fully tightened. The C8++ swivel must only be opened in exceptional circumstances (eg when the textile strap is worn and needs to be replaced).

Control

Before each use, check the presence and correct positioning of the safety screws.



C-CONNECT

Reference: DAS104

Life expectancy

The life expectancy of the products depends on how and how often it is used. Including both the storage time and the time in use, the life expectancy is estimated at an average of 10 years. It should be noted that use in a saline environment considerably reduces the life expectancy of the swivel. Avoid knocking or rubbing against sharp parts or causing fraying (eg. rocks). Only an annual inspection by a trained and competent person can determine whether or not the product is in good condition or should be taken out of use. This last point is even more true in the event of extensive use (daily use, excessive use). In any case, dispose of the swivel after 10 years of use.


Sale

For the user's safety, it is vital, if the product is resold outside the first destination country, that the distributor provides the product use, maintenance, scheduled check and repair instructions in the language of the country of use.

Marking

Brand name : CLiC-iT

Model : C-CONNECT

 : Pictogram indicating that users must read these instructions

EC: compliance with European directive

0082: number of the intervening certifying body for the monitoring of production (article 11a)

25kN : resistance guaranteed on production.

Manufacturing number: the last 4 digits represent the serial number and the first 4 digits the month and the year of manufacture.

78 mm: maximum operating length between the C-CONNECT fixing area and the CLiC-iT grip zone.

Certifying body intervening for the EC test of the type and article 11a :

APAVE SUDEUROPE

CS60193

13322 MARSEILLE CEDEX 16 – France

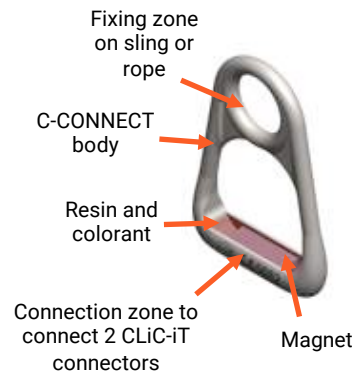
Description

C-CONNECT made out of C45 steel integrating a buried magnet in a red high-resistance resin.

C-CONNECT CLiC-iT

Materials : steel C45

Mass : 158 g



IDENTIFICATION AND VERIFICATION SHEET

IDENTIFICATION

Model :
Type :
Serial number :
Year of manufacture :
Date of purchase :
Date of first use :

Frequency of use :

INSPECTIONS AND REPAIRS

INSPECTION 1

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 2

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 3

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 4

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 5

Date :
Defects/repairs :

Inspector's signature :

Checks before use

With each use, the state of the product must be rigorously and visually inspected by a trained and competent person

Use

The CLiC-iT C-CONNECT is a connecting element to be used with individual protection equipment for high wire climbing.

It is not necessary for this product to be personally aimed at a single user in the event of a collective donation.

Carefully read and understand these instructions.

This product should only be used by trained or competent people or, where appropriate, under the direct supervision of a trained and competent person. It is your responsibility to learn about the appropriate techniques and safety measures.

In any case, this equipment must not be used beyond its limits or in any other situation for which it is not designed.

If other components are used with this product, their compatibility must also be checked.

Equipping yourself with a personal protective system against falls (PPE) does not justify freely exposing yourself to fatal risks.

The manufacturer declines all responsibility in the event of misuse or incorrect application of the product or for products modified or repaired by third parties not authorised by the manufacturer. These repairs must be carried out according to the operating method provided by the manufacturer.

Verify that the use of this equipment is compatible with other systems conforming to the European standards.

Verify that the system is correctly assembled and that the various elements work without interfering. When using several articles be careful to make sure that the safety function of one of the articles is not affected by the safety function of another article or doesn't interfere with it.

Additional important recommendation to follow

It is vital that you are positioned under the anchor point of the anti-fall system in such a way as to minimise the possibility of a fall or to minimise the height of the fall.

Leaving enough free space under the user is a basic condition for a safe stop of a fall; the height of the fall, the extension of the rope or the movement of the user's swing has to be taken into account in order to avoid all possible obstacles.

A safe and efficient rescue method should be established should someone find themselves in trouble while using this product. Ensure the user's health and medical condition, which would influence safety during normal usage and in case of an emergency when using the product.

Storage and transport

Remove the product from its packaging and store it in a dry, clean and ventilated spot. The product should not come into contact with corrosive chemical substances, solvents and heat sources. There are no other special precautions to be taken during transport.

Maintenance

Always ensure the product is in good condition before and during use. Replace the product in case of doubts about its condition, if it shows signs of wear or corrosion. Avoid contact with heat sources, corrosive substances. In case of contact wash immediately with clean water (between 15 and 20°C) then dry with a cloth. Verify the totality of the product and its proper rotation. If any doubts persist, please contact SARL DEHONDT. All maintenance and inspection of the product must be reported on the following inspection sheet. No lubrication is necessary under normal conditions of use.

Verify the legibility of the product's markings at each periodic inspection

General operating instructions

Before each use, verify, inspect and ensure the compliance of the product. In case of doubt, replace it. This product was examined for use in standard weather conditions (-30°C/+50°C). Replace the product if it was subject to a significant fall, even if it doesn't show any faulty visual or functional aspects.

If the connector is blocked

If the system is blocked, use a magnet (C-ZAM ring) to close the U-Hook.

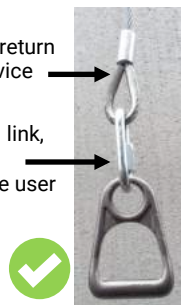


Use as PPE

The C-CONNECT may be placed between the connecting element of an automatic return anti-fall device (quick open link or detachable connector), and the CLiC-iT connectors.

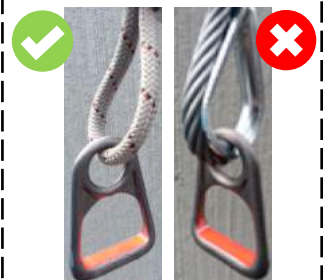
Automatic return anti-fall device

Quick open link, to be put in place by the user

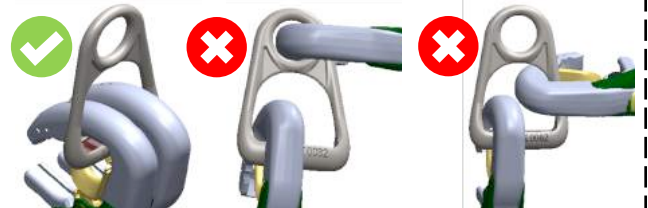


Fixing C-CONNECT to sling or rope (outside PPE directive)

Do not connect the C-Connect directly to a zip wire



Fixing CLiC-iT connectors to C-CONNECT



C-CONNECT V2

Reference: DAS170

Life expectancy

The life expectancy of the products depends on how and how often it is used. Including both the storage time and the time in use, the life expectancy is estimated at an average of 10 years. It should be noted that use in a saline environment considerably reduces the life expectancy of the swivel. Avoid knocking or rubbing against sharp parts or causing fraying (eg. rocks).


Only an annual inspection by a trained and competent person can determine whether or not the product is in good condition or should be taken out of use. This last point is even more true in the event of extensive use (daily use, excessive use). In any case, dispose of the swivel after 10 years of use.

Sale

For the user's safety, it is vital, if the product is resold outside the first destination country, that the distributor provides the product use, maintenance, scheduled check and repair instructions in the language of the country of use.

Marking

Brand name : CLiC-iT
Model : C-CONNECT V2

 : Pictogram indicating that users must read these instructions

EC: compliance with European directive
0082: number of the intervening certifying body for the monitoring of production (article 11a)

20kN : resistance guaranteed on production.

Manufacturing number: the last 4 digits represent the serial number and the first 4 digits the month and the year of manufacture.

100 mm: maximum operating length between the C-Connect fixing area and the CLiC-iT grip zone.

Certifying body intervening for the EC test of the type and article 11a :

APAVE SUDEUROPE
CS60193

13322 MARSEILLE CEDEX 16 – France

Description

C-CONNECT V2 made out of 6082 T6 steel integrating a buried magnet in a red high-resistance resin.

SARL DEHONDT – CLiC-iT
7 Rue Pierre Pfmilin - 51100 REIMS Cedex
- France
Phone : +33 (0)3 26 47 11 34 - Website :
www.clic-it.eu - Email : contact@clic-it.eu

C-CONNECT V2 CLiC-iT
Materials : 6082 T6 steel
Mass : 158 g



IDENTIFICATION AND VERIFICATION SHEET

IDENTIFICATION

Model :
Type :
Serial number :
Year of manufacture :
Date of purchase :
Date of first use :

Frequency of use :

INSPECTIONS AND REPAIRS

INSPECTION 1

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 2

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 3

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 4

Date :
Defects/repairs :

Inspector's signature :

INSPECTION 5

Date :
Defects/repairs :

Inspector's signature :

Checks before use

With each use, the state of the product must be rigorously and visually inspected by a trained and competent person

Use

The CLiC-iT C-CONNECT V2 is a connecting element to be used with individual protection equipment for high wire climbing.

It is not necessary for this product to be personally aimed at a single user in the event of a collective donation.

Carefully read and understand these instructions.

This product should only be used by trained or competent people or, where appropriate, under the direct supervision of a trained and competent person. It is your responsibility to learn about the appropriate techniques and safety measures.

In any case, this equipment must not be used beyond its limits or in any other situation for which it is not designed.

If other components are used with this product, their compatibility must also be checked.

Equipping yourself with a personal protective system against falls (PPE) does not justify freely exposing yourself to fatal risks.

The manufacturer declines all responsibility in the event of misuse or incorrect application of the product or for products modified or repaired by third parties not authorised by the manufacturer. These repairs must be carried out according to the operating method provided by the manufacturer.

Verify that the use of this equipment is compatible with other systems conforming to the European standards. Verify that the system is correctly assembled and that the various elements work without interfering. When using several articles be careful to make sure that the safety function of one of the articles is not affected by the safety function of another article or doesn't interfere with it.

Additional important recommendation to follow

It is vital that you are positioned under the anchor point of the anti-fall system in such a way as to minimise the possibility of a fall or to minimise the height of the fall. Leaving enough free space under the user is a basic condition for a safe stop of a fall; the height of the fall, the extension of the rope or the movement of the user's swing has to be taken into account in order to avoid all possible obstacles.

A safe and efficient rescue method should be established should someone find themselves in trouble while using this product. Ensure the user's health and medical condition, which would influence safety during normal usage and in case of an emergency when using the product.

Storage and transport

Remove the product from its packaging and store it in a dry, clean and ventilated spot. The product should not come into contact with corrosive chemical substances, solvents and heat sources. There are no other special precautions to be taken during transport.

Maintenance

Always ensure the product is in good condition before and during use. Replace the product in case of doubts about its condition, if it shows signs of wear or corrosion. Avoid contact with heat sources, corrosive substances. In case of contact wash immediately with clean water (between 15 and 20°C) then dry with a cloth. Verify the totality of the product and its proper rotation. If any doubts persist, please contact SARL DEHONDT. All maintenance and inspection of the product must be reported on the following inspection sheet. No lubrication is necessary under normal conditions of use.

Verify the legibility of the product's markings at each periodic inspection

General operating instructions

Before each use, verify, inspect and ensure the compliance of the product. In case of doubt, replace it. This product was examined for use in standard weather conditions (-30°C/+50°C). Replace the product if it was subject to a significant fall, even if it doesn't show any faulty visual or functional aspects.



If wear reaches one of the indicators, discard the product.

Use as PPE

The C-CONNECT V2 may be placed between the connecting element of an automatic return anti-fall device (quick open link or detachable connector), and the CLiC-iT connectors.



Automatic return anti-fall device

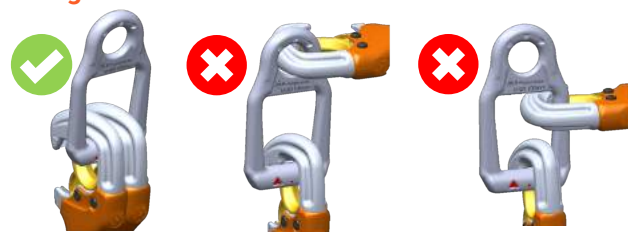
Quick open link, to be put in place by the user

Fixing C-CONNECT V2 to sling or rope (outside PPE directive)

Do not connect the C-CONNECT V2 directly to a zip wire



Fixing CLiC-iT connectors to C-CONNECT V2



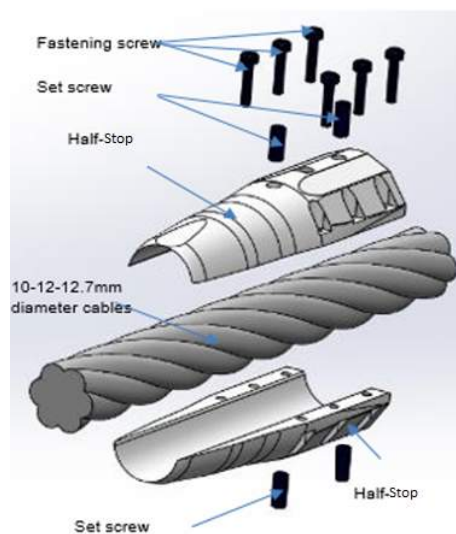
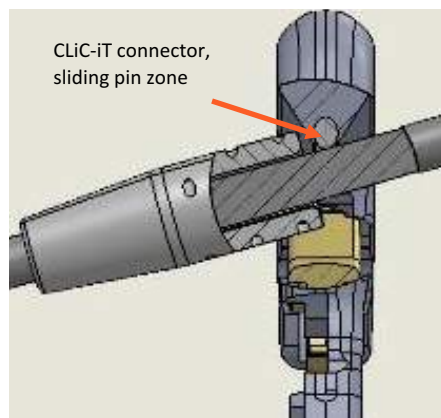
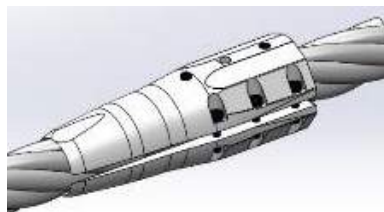
Anti-return mechanical stop C-STOP

Reference: DAS075

ANTI-RETURN MECHANICAL STOP C-STOP

Materials : Treated steel with a resistance to 100H of salt spray.

Dimension : 20 mm x 60 mm diameter



Installation

- Installation possible on metallic and plastic sheathed 10, 12 and 12.7mm diameter cables
- To be installed on a sloping course with angles of 18° to 35°.
- 2 metres is the maximum distance between two stops recommended by SARL DEHONDT.

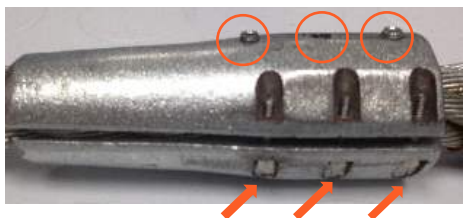
1. Use the CLiC-iT tightening tool.



2. Assemble the 4 Set screws



4. Assemble the 6 fastening screws



3. Cable preparation

In order to protect cable, wrap it twice with American sellotape before fitting the mechanical stop (4 turns for a 10 mm diameter cable).



5. Tighten the 4 Set screws



6. Check the holding of the C-STOP on the cable

Maintenance and recommendation

After a fall, and the resulting stop of CLiC-iT connectors caused by the anti-return mechanical stop, it is important to check the condition of the mechanical stop (condition of the set screws and the Half-stop) and also the condition of the CLiC-iT connectors (sliding pin zone). As the anti-return mechanical stop is a one-use stopper, it is not designed to withstand repeated shocks. Not respecting this recommendation can cause damage to the anti-return stop and, as a result, reduced function in the case of a fall.

Perform a monthly check to ensure that the screws are properly tightened on the cables. Non-compliance with these recommendations could lead to suppression of its stop function in the event of a fall.

Function

The anti-return mechanical stop allows the use of CLiC-iT Adventure/Mountain and Professional connector models on sloping courses, while acting as a safety stop during the fall of a person with a maximum mass of 80kg.

Lanyards Storage , C-RACK

Reference: DAS280

Storage Rack for Lanyards CLiC-iT C-RACK

Vertical storage of CLiC-iT: preserves control cables

Up to 80 CLiC-iT + harnesses.

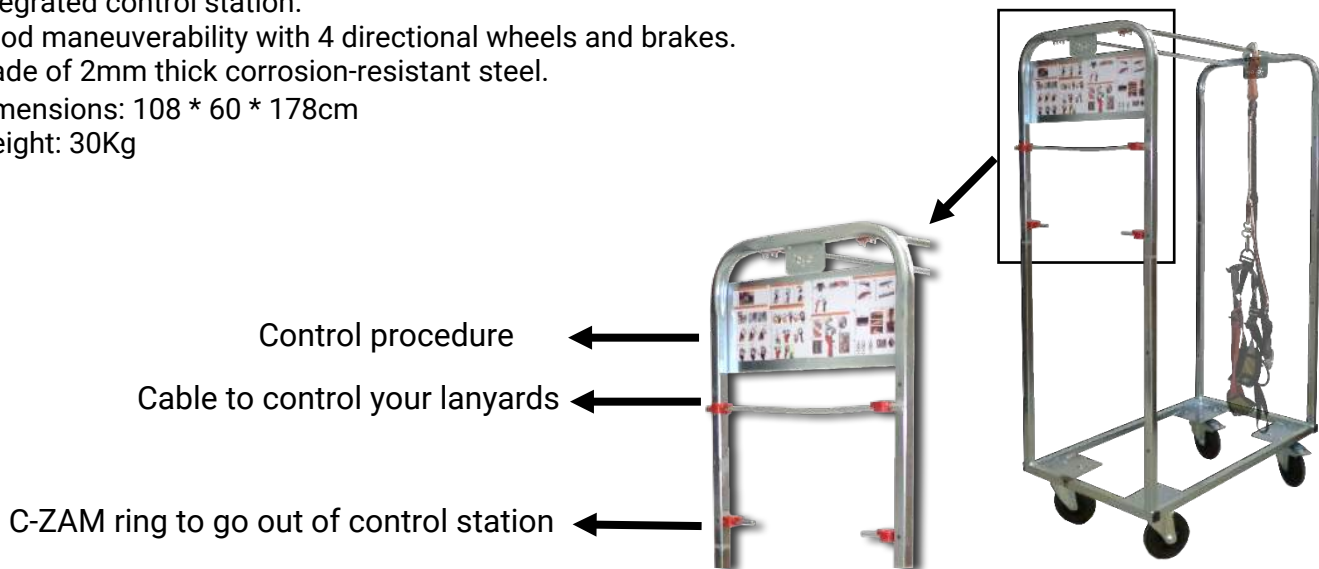
Integrated control station.

Good maneuverability with 4 directional wheels and brakes.

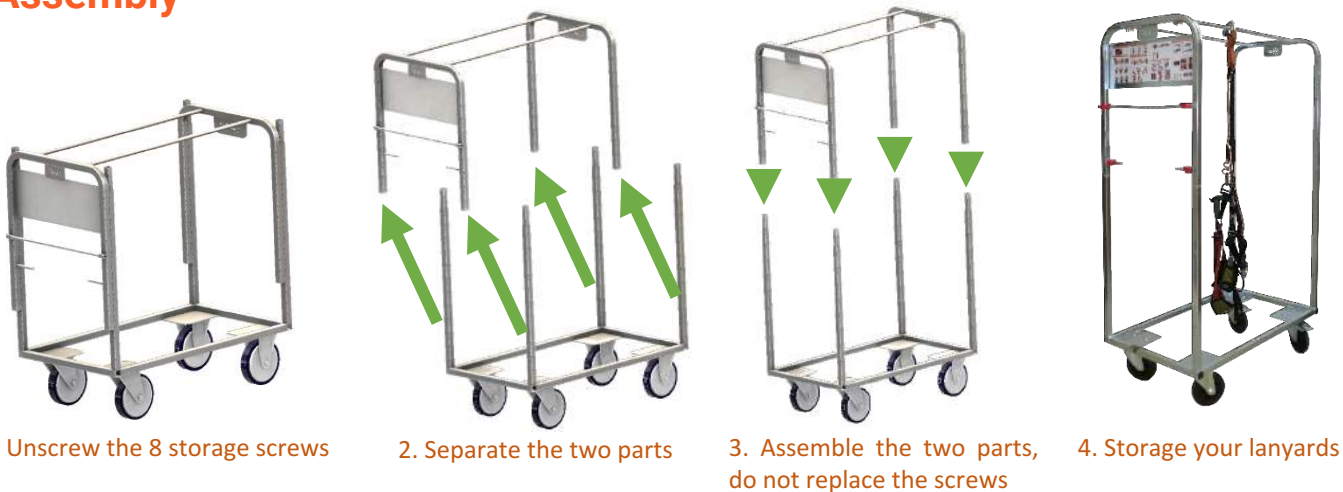
Made of 2mm thick corrosion-resistant steel.

Dimensions: 108 * 60 * 178cm

Weight: 30Kg



Assembly



Use

