

Manufacturer: CMC Rescue, Inc.

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Equipment

Models: Dynamic I-Lanyard, Static I-Lanyard, Dynamic Bullnose Lanyard

CMC Part Number(s):

- 201851 LANYARD, DYNAMIC 24" W/TERM, CMC
- 201852 LANYARD, DYNAMIC 30" W/TERM, CMC
- 201855 LANYARD, STATIC STATIC PRO 24" W/TERM, CMC
- 201856 LANYARD, STATIC STATIC PRO 30" W/TERM, CMC
- 201860 LANYARD, BULLNOSE, DYNAMIC, CMC

Warning notices and instructions must be read and observed

Notified Body conducting the EU type examination

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Notified Body Controlling Production of this Personal Protective Equipment

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Declaration of Conformity

CMC Rescue, Inc. affirms that this article is in conformity with the essential requirements and the relevant provisions of EU regulations. The original Declaration of Conformity can be downloaded at cmcpro.com.

TRACEABILITY & MARKINGS

See image.

FIELD OF APPLICATION

This Personal Protective Equipment (PPE) is designed for protection and the prevention of falls from a height when used in accordance with the standards and procedures described in these instructions. It shall not be used outside of its limitations, or for any purpose other than that for which it is intended.

- Static I-Lanyard as Lanyard according to EN 354: 2010
- Static I-Lanyard as Temporary Anchor Device according to EN 795/B: 2012
- Dynamic I-Lanyard as Lanyard according to EN 354: 2010
- Dynamic I-Lanyard as Temporary Anchor Device according to EN 795/B: 2012
- Dynamic Bullnose Lanyard as Lanyard according to EN 354: 2010

Responsibility

Activities involving the use of this device are inherently dangerous. The user shall assume all risks and responsibilities for any damage, injury or death, which may occur during or following the incorrect use of this equipment. This document must be provided to the user by the retailer in the respective country's language and must be kept with the equipment while it is in use. Observe relevant national regulations.

These instructions explain the correct use of your equipment. The warning symbols inform you of some potential dangers related to the use of your equipment, but it is impossible to describe them all. You are responsible for heeding each warning and using your equipment correctly. Any misuse of this equipment will create additional dangers. Contact CMC if you have any questions or difficulty understanding these instructions. Check cmcpro.com for updates and additional information.

Before using this equipment, you must:

- Read and understand these instructions and warnings.
- Obtain specific training and competency in its proper use.
- Familiarize yourself with its capabilities and limitations.
- Understand and accept the risks involved.
- Have a rescue plan in place to deal with any emergencies that could arise during use of the device.
- Be medically fit for activities at height and capable of controlling your own security and emergency situations.
- Check equipment before and after use.

WARNING: The user must ensure that, in the event of falling into the PPE system, rescue can take place immediately, safely, and effectively. Motionless suspension in a harness may cause severe injury or death. Avoid hanging unsupported in a harness for an extended period of time.

NOMENCLATURE

See image.

INSPECTION, POINTS TO VERIFY

Inspection

User safety depends on equipment integrity. Equipment should be thoroughly inspected prior to being placed into service and before and after each use. In addition, a detailed periodic inspection, by a competent person, is required at least every 12 months (depending on current local regulations, and your conditions of usage). Follow the inspection procedures available at cmcpro.com. Record and store the results of the inspection in the inspection checklist. If the product fails inspection, it should be taken out of service and marked accordingly or destroyed to prevent further use.

Lifespan / Retirement

The equipment has a lifespan of 10 years from the date of manufacture shown on the product label. Retirement is also a function of the operating conditions, level of use, and environmental conditions. Protect from sharp edges, open flame, extreme temperatures, UV rays, chemicals, oils, moisture, and mechanical stress. A fall load or other exceptional event can lead to retirement after a single use. Any concerns about its integrity is cause for retirement. If the product is retired, it should be taken out of service and marked accordingly or destroyed to prevent further use.

A product must be retired when:

- It has reached the 10 year age limit.
- It has been subjected to a major event (fall, shockload etc.).
- It has been exposed to extreme environments (Sharp edges, high temperatures, corrosive environment etc.) or become contaminated (chemicals etc.).
- It fails to pass inspection or there are any doubts about its reliability.
- It has an uncertain usage history.
- It becomes obsolete due to changes in legislation, standards, technique or compatibility.

Before Each Use

- Check the product for signs of wear including structural stitching, rope sheath, and rope core.
- Confirm product labeling is legible.
- Check for the presence of dirt or foreign objects that can affect or prevent normal operation (e.g. grit, sand, etc.).

During Use

Continually:

- Monitor the condition of the product. Hazards may affect the performance of the equipment such as extreme temperatures, sharp edges, chemical reagents, electrical conductivity, cutting, abrasion, climatic exposure falls.
- Evaluate environmental conditions. Damp or icy environments can alter the behavior of the product.
- Check the condition of attachment points and the connections to other equipment in the system. Make sure that all pieces of equipment in the system are correctly positioned with respect to each other.
- Connectors should be loaded in their strongest orientation.

Carrying, Maintenance, Storage & Transport

- Storage - Store in a cool, dry, dark place. Avoid chemicals, moisture, and direct sunlight. Store without mechanical stress caused by jamming, pressure, or tension.
- Transport - Keep away from direct sunlight, chemicals, dirt and mechanical damage. For this purpose, a protective bag or container should be used.
- Drying - Dry at room temperature between 10° C and 30° C, avoid direct sunlight, never use a tumble drier or direct heat.
- Cleaning - Wash soiled products in clean warm water or use mild unscented soap. Avoid detergent. Rinse well. Dry at room temperature between 10° C and 30° C, avoid direct sunlight, never use a tumble drier or direct heat. Do not use a pressure washer.

Principal Materials:

- Dynamic I-Lanyard: nylon
- Static I-Lanyard: polyester
- Dynamic Bullnose Lanyard: nylon

WARNING: Failure to follow these instructions may endanger life.

Warranty & Repairs

If your CMC product has a defect due to workmanship or materials, please contact CMC Customer Support at info@cmcpro.com for warranty information and service.

CMC's warranty does not cover damages caused by improper care, improper use, alterations and modifications, accidental damage or the natural breakdown of material over extended use and time.

The equipment should not be modified in any way or altered to allow attachment of additional parts without the manufacturer's written recommendation. If original components are modified or removed from the product, its safety aspects may be restricted.

All repair work shall be performed by the manufacturer. All other work or modifications void the warranty and releases CMC from all liability and responsibility as the manufacturer.

COMPATIBILITY

Equipment used with this product must meet regulatory requirements in your jurisdiction and/or country. Use only EN 362 connectors for connecting system components. Personal Fall Protection Systems shall follow the requirements of EN 363.

When combining this product with other equipment and/or using this product in a rescue/fall arrest system, users must understand the instructions of all components prior to use and comply with them to ensure that safety aspects of these items do not interfere with each other. This product should only be used in connection with PPE components bearing the CE-symbol to protect against falls from heights.

WARNING: Danger may arise and functionality may be compromised by combining other equipment with this product. User assumes all responsibility for non-standard use of this product or added components.

LANYARD EN 354: 2010

Rescue or Fall Arrest System:

Connection of the lanyard to a full body harness for a rescue or fall arrest system according to EN 363 takes place at the fall arrest attachment points on the harness; use only connectors complying with EN 362. Only a full body harness in accordance with EN 361 may be used with a fall arrest system.

WARNING: Do not use as part of a fall arrest system without an energy absorber.

Restraint or work positioning:

Connect the lanyard to the ventral (central) attachment point of a full body harness (EN 361), seat harness (EN 813), or belt for restraint and work positioning (EN 358). This attachment point is not suitable for fall arrest.

Temporary Anchor Device EN 795/B: 2012

Use only connectors that comply with EN 362. Use only anchor points that comply with EN 795/B: 2012 (minimum anchor strength of 12 kN or 18 kN for non-metallic anchors).

INSTRUCTIONS FOR USE: LANYARDS

EN 354:2010

Installation – Lanyard Only

- Attach the lanyard to a PPE connection point of the harness such as the sternal or ventral structural points.
 - For the Dynamic I-Lanyard and Static I-Lanyard, either connection eye may be connected to the harness.
 - For the Dynamic Bullnose Lanyard, BOTH harness connection eyes must be connected to the same PPE connection point on the harness.
- Use an EN 362 connector such as a locking carabiner or quick link (Class O).
- Thimbles are replaceable, use an appropriately sized thimble for the cross section of the installed connector.
- At the option of the end user, the plastic thimbles in the sewn terminations may be removed.
- For use as part of a fall arrest system, an energy absorber must be used.
- Lanyards are not intended for girth-hitch or choke-hitch applications.

Installation – Lanyard with Energy Absorber

- Total length of lanyard connected to an energy absorber (including terminations and connectors) must not exceed 2 meters (80 inches).
- The necessary free space in the work area beneath the user must be adequate to avoid collision with the ground or other obstacle in the fall path.
 - When used with an energy absorbing lanyard,
 - The manufacturer's instructions for the energy absorbing lanyard must be followed.
 - Connect the lanyard to an energy absorbing lanyard with an EN 362 connector.
 - With a compatible EN 362 connector, it is possible to connect two lanyards to one energy absorber to create an energy-absorbing Y-lanyard.
 - Do not attach the unused end of an energy-absorbing Y-lanyard to the harness.
 - Do not use two lanyards in parallel if both are equipped with an energy absorber.
 - Do not use the Bullnose Lanyard with an energy absorber.

Usage – Lanyard Only

- If the risk assessment PPE carried out before the start of work shows that loading over an edge is possible, appropriate precautions should be taken.
- Near a fall hazard, the amount of slack in the lanyard should be minimized.
- For the Dynamic I-Lanyard and Dynamic Bullnose Lanyard, avoid fall potential with a fall factor of 0.5 or greater.
- For the Static I-Lanyard, avoid fall potential.

Specific Instructions for Dynamic Bullnose Lanyard

- Do not tension both legs in opposing directions.
- Recommended best practice:
 - Configure legs to pass through the center of the bullnose to create a loop around the PPE connector.
 - In case the legs were to be oppositely tensioned, the girth hitch is intended to prevent catastrophic failure.
- For work positioning, one leg may be wrapped around an object and connected back to the bullnose using a PPE connector.
- The bullnose may be used as a connection point.

INSTRUCTIONS FOR USE: TEMPORARY ANCHOR DEVICE

EN 795/B: 2012

Installation

- Only competent persons or organizations should install anchor devices.
- The installation must be appropriately verified, either by analysis or testing.
- Check the integrity of the support to which the anchor is connected (e.g. wall, beam etc.).
- Check the documentation that must be furnished by the installer after installation (EN 795/B:2012 - Annex A.2).
- It is recommended that the anchor device is marked with the date of the next or last inspection.
- Temporary anchor devices must be positioned around a suitably-shaped anchor which can support at least 12 kN. Integrity can be drastically impaired by sharp edges, ridges, and crushing.
- Anchor components should be covered, where necessary, using suitable protectors.

General Instructions

- Anchor device is for the use of one person only.
- Anchor device should only be used for personal fall protection equipment and not for lifting equipment.
- When used as part of a fall arrest system, the user shall be equipped with a means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of 6 kN.
 - Maximum deflection of anchor device at 6 kN:
 - Dynamic Lanyards: 25%
 - Static Lanyards: 10%

EQUIPMENT RECORDS

Find the latest version of the PPE inspection forms at cmcpro.com. Record your PPE inspection results using these online documents.

ADDITIONAL INFORMATION

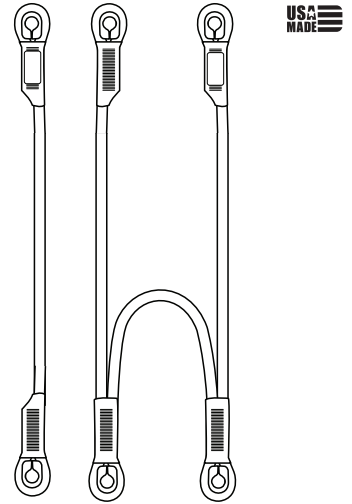
Warning notices and instructions must be read and observed

Declaration of Conformity

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XX CMC™

**I-LANYARD
BULLNOSE LANYARD**



⚠ WARNINGS

Activities involving the use of this device are potentially dangerous. You are responsible for your own actions and decisions. Before using this equipment, you must:

- Read and understand these user instructions, labels, and warnings.
- Familiarize yourself with its capabilities and limitations.
- Obtain specific training in its proper use.
- Understand and accept the risks involved.

FAILURE TO HEED ANY OF THESE WARNINGS MAY RESULT IN SEVERE INJURY OR DEATH.



Find the latest version and translations of this manual at cmcpro.com

CE
0598

Dynamic I-Lanyard

- EN 365:2004
- EN 354:2010
- EN 795/B:2012

Static I-Lanyard

- EN 365:2004
- EN 354:2010
- EN 795/B:2012

Dynamic Bullnose Lanyard

- EN 365:2004
- EN 354:2010

Scan for the latest version and translations of this manual.



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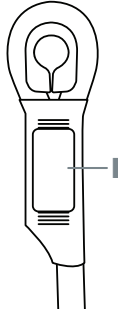
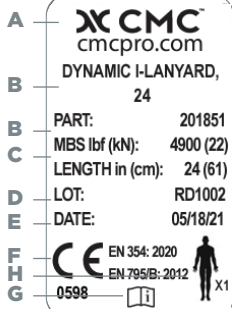
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cmcpro.com

ISO 9001 Certified

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CMC Control No.: 2018XXIN01_Rev00

Traceability & Markings



- A** Manufacturer Identification
Manufactured in USA
of US and Foreign
Components By CMC
Rescue, Inc.
6740 Cortona Drive
Goleta, CA 93117
cmcpro.com
- B** Model Identification
- C** Minimum breaking strength
- D** Lot number
- E** Date of manufacture (Month/Day/Year)

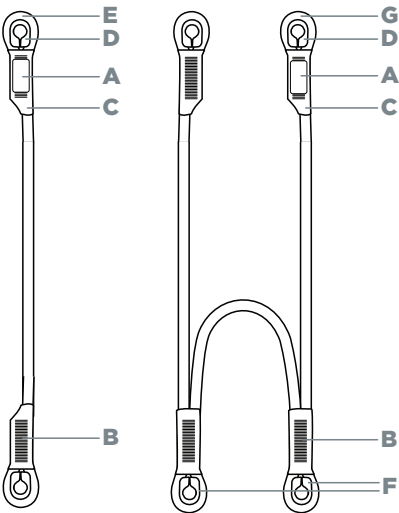
F EN 354: 2010
EN 795/B: 2012



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00380 Helsinki,
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- G** Carefully Read the Instructions before Use
- H** Single user only indication
- I** Product Label Locations

Nomenclature

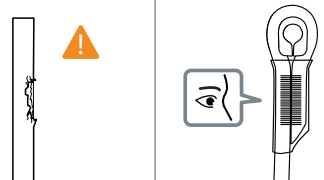
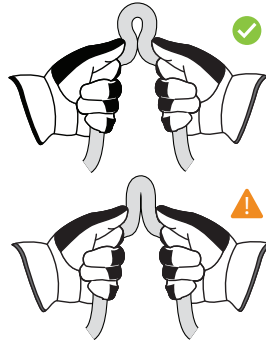


I-Lanyard

Bullnose Lanyard

- A** Label
- B** Structural Stitching (multiple locations)
- C** Shrink Tubing
- D** Thimble
- E** I-Lanyard Connection Eye
- F** Bullnose Harness Connection Eyes
- G** Bullnose Non-Harness Connection Eye

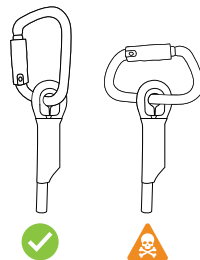
Before Each Use



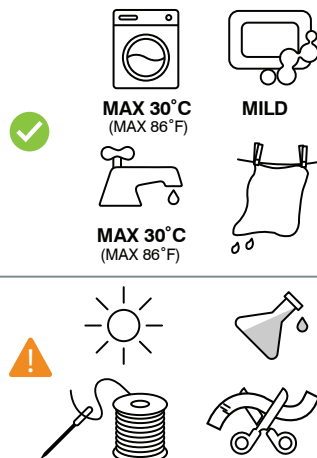
Legend

	Imminent risk of serious injury or death.		Anchor
	Imminent risk of accident or injury.		Attachment Point
	Appropriate function or use.		Load
	Equipment incompatibility.		Grip

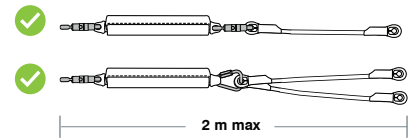
During Use



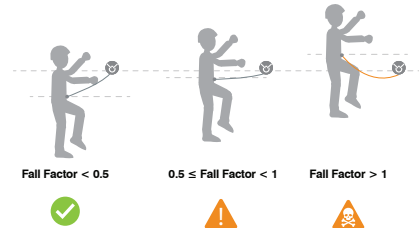
Carrying, Maintenance, Storage & Transport



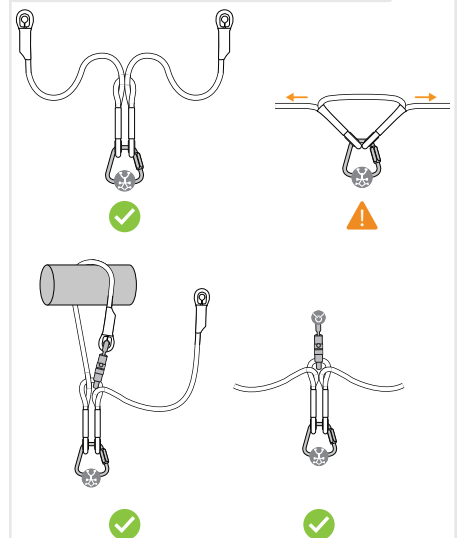
Installation - Lanyard with Energy Absorber



Usage - Lanyard Only



Specific Instructions for Dynamic Bullnose Lanyard



Installation

