



- ◆ Available in 24", 36" & 48" lengths
- ◆ Available with aluminum or stainless steel rings
- ◆ Multi colored, layered web makes for easy identification for defects

FRICITION SAVERS

Features:

CMI friction savers allow easy installation and retrieval from the ground

Friction savers offer consistent friction when working aloft in the tree in different positions

Friction savers may be wrapped on a stem where no natural crotch is present.

Friction savers offer less bend radius, less friction, and reduced wear to a rope due to the rope not making contact with the bark.

Important notes:

This product has been manufactured and tested for work at height applications. Do not use this product unless you have been properly trained, fully understand and are comfortable using this product. If you do not understand how to use this product you should seek professional assistance before using. Failure to follow and abide by these instructions and/or professional assistance may result in serious injury or death. User should be in good physical condition while using this product. Certain medical conditions may inhibit the user during normal or emergency use. Always have a good backup or rescue plan in place to enable the safety and retrieval of the user in the event of a fall or injury. Do not modify or repair this product under any circumstance. If in doubt, quarantine the product or retire from service. Do not use this product for any other purpose other than what it is designed for. Doing so may result in serious injury or death.

Inspection/ Before use/ During use:

The safety of the end user relies heavily on the efficiency and durability of the equipment. Always make it a point to thoroughly inspect your equipment for excessive wear before each use. If you are not qualified to do so, seek professional help before putting this equipment back into service. Details like manner of usage, frequency of use, and even environmental factors affect and should be taken into account for a full inspection of the product. A detailed inspection log is good practice to keep around so that the products lifespan can be monitored. Because this product is used for life safety, detailed and frequent inspections are highly encouraged. User should bear in mind that this product has a long working lifespan but that lifespan of the product may be substantially compromised for any hard falls or for using the product in any manner for which it is not intended.

Before each use always inspect the product for any cuts, or burning on the web due to abrasion. Take a good look at the load bearing stitching and ensure no stitching has been cut or is coming loose. Also check for any fading or degradation due to excessive wear or UV exposure. If any of the above conditions are present, retire the product from use immediately and destroy the product.

While using the product, keep an eye on the product and any conditions that may affect the performance of life of the product. Always ensure all components are positioned correctly with respect to each other to ensure smooth operation.

Minimum Breaking Strength:

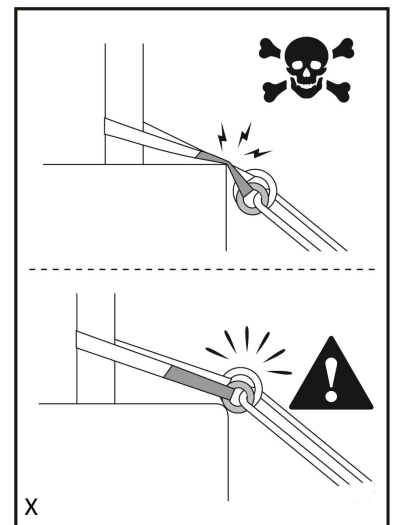
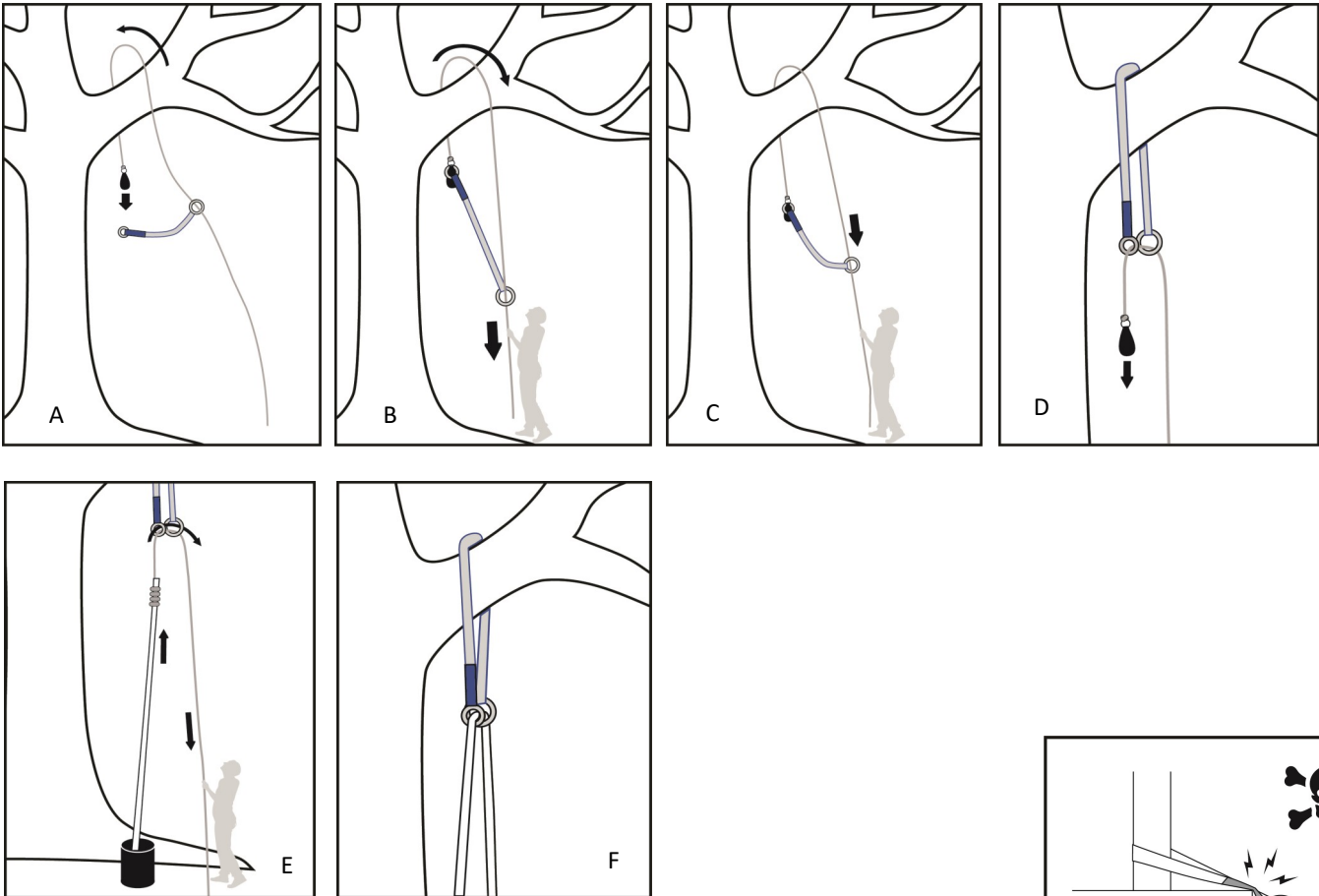
FS24AL, FS36AL & FS48AL	Aluminum ring models when used in basket configuration	18,000 lbs
FS24AL, FS36AL & FS48AL	Aluminum ring models when used in a straight pull configuration	8,000 lbs
FS24SS, FS36SS & FS48SS	Stainless Steel ring models when used in basket configuration	18,000 lbs
FS24SS, FS36SS & FS48SS	Stainless Steel ring models when used in a straight pull configuration	8,000 lbs

WLL on 18,000 lbs 10:1 ratio is 1,800 lbs; WLL on 8,000 lbs 10:1 ratio is 800 lbs

Installation:

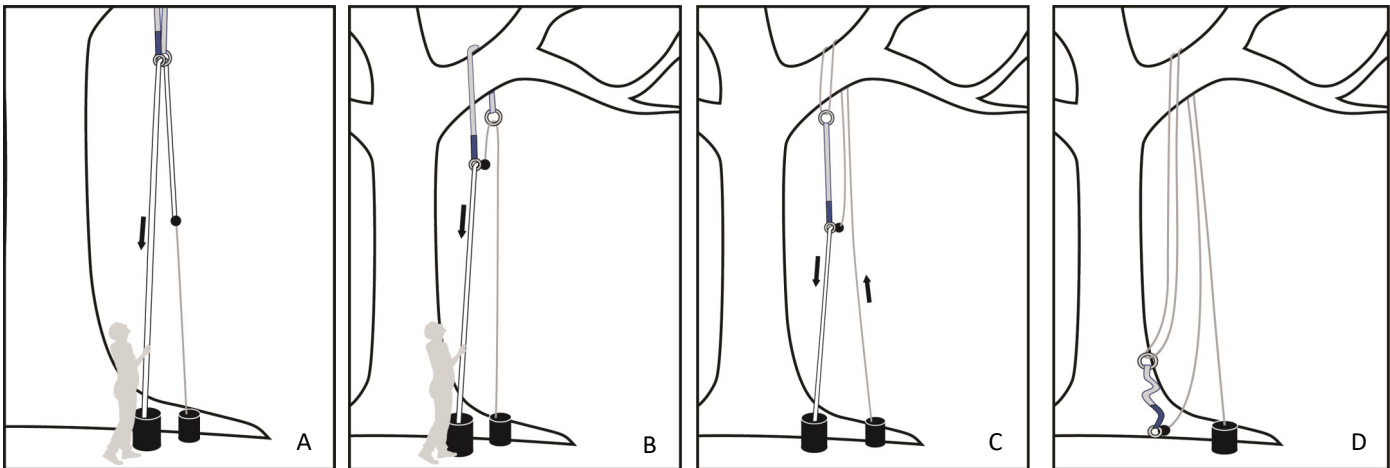
Friction savers may only be installed to structures that can handle the maximum loads that occur with the use of this device. The structure must be void of any sharp edges or surfaces that may harm or damage the webbing or rings while in use (See fig X below). Doing so may damage the webbing or rings potentially decreasing the overall strength of the product. If the friction saver is used as part of a fall arrest system, the user must be equipped with a means of limiting the fall arrest forces on the user when the fall is arrested.

- A. Pass throwline through large ring. Attach throw weight to the line and install over desired structure
- B. Pass throwline through small ring. Attach throw weight and raise anchor sling
- C. Position friction saver over structure
- D. Lower the throw weight
- E. Attach climbing line to installation line
- F. Pass climbing line through both rings of the friction saver



Removal/ Retrieval:

- A. Attach retrieval line equipped with retrieval ball to climbing line
- B. Pass retrieval line through large ring
- C. Lower friction saver to the ground
- D. Detach friction saver
- E. Remove all lines and put away (not pictured)



Other considerations:

- ◆ Never climb above the anchor point. Any fall from above the anchor point could result in product failure, extreme injury or death.
- ◆ User should make sure all slack in the system is taken up tight between the user and anchor point.
- ◆ Always position the friction saver in such a way as to minimize any potential falls and also avoid any great fall distances.
- ◆ If using this as a fall arrest system, always check to make sure there is enough clearance beneath the user before each use to avoid a potential ground fall or obstacle collision
- ◆ Always know the use history of your equipment and do not let anyone else use your equipment.

Lifespan:

Webbing products may experience a decrease in strength over time due to the conditions the webbing is exposed to. CMI recommends that all webbing products be inspected before each use, and if a defect is found, the product disposed of immediately. In regards to weight bearing products such as harnesses and sewn lanyards, the product should be replaced after five years, if no defects have been found during that time. However, if the webbing product has been inspected annually by a certified independent inspector, and no defects have been found the lifespan can be extended to ten years from date of manufacture/in-service date as long as the product is in good, serviceable condition. The inspections must be documented and retained by the user. Due to the unique nature of this product having webbing and either aluminum or stainless steel rings, it is important to remember that the rings and/or web may wear faster than normal due to dirty ropes or aggressive tree barks. It is possible to only get a single use out of this product if used in very challenging conditions. CMI makes no claims as to how long the product will last due to the wide array of conditions this product can be used in. All users should use common sense when using this product. Any premature wear may render the product inoperable in just a few uses. When in doubt, throw it out. There is no gear in any kind of questionable condition worth risking anyone's life on.

Cleaning and Drying:

If the friction saver becomes excessively dirty, it may be cleaned with fresh water and a mild soap. Allow to dry completely in an area out of direct sunlight.

Storage and Transport:

- ◆ Equipment should be stored in a pack or suitable storage container. It is not advisable to leave your gear in places where extreme temperatures may be present such as a window or trunk of a car exposed to direct sunlight. Heat can damage your equipment!
- ◆ If you must transport your gear in the trunk of a car or the bed of a pickup, ensure that the gear is away from any potential corrosive agents.
- ◆ Store all gear out of direct sunlight in a well-ventilated area
- ◆ Do not allow your gear to be stored in or around harsh chemicals or corrosive agents. If your gear comes into contact with any of these substances, it should be retired.
- ◆ Do not store gear in damp places where it can become moldy. Be aware that if not dried properly and stored incorrectly, your gear may mold which can cause health hazards and also be detrimental to your gear.

If you have any questions, do not hesitate to reach out to CMI directly. We are here and at your service.....

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Made in the USA

www.cmigearusa.com