

CARABINER USER'S GUIDE

Maintenance of PenSafe Carabiners:

Keep carabiners dry and clean. Do not store in humid or salty air, with damp clothing or near corrosive chemicals. Do not file, engrave, etch or modify carabiners for any reason. The use of lukewarm water with dish soap provides the best and safest method of cleaning without having any adverse effects on the plating. Rinse carabiner in lukewarm water after cleaning. A clean dry cloth can be used to dry the carabiner. Small applications of mineral oil can be used on contact surfaces as a lubricant after cleaning. If cleaning and lubrication does not result in a perfectly functioning connector, replace the connector immediately. Connector obsolescence is related to use and storage conditions; generally, connectors are conservatively estimated to have a useful life of five years or less. If a carabiner is dropped or impact loaded, ensure it is inspected by a qualified person. Additional information regarding NFPA certified carabiners can be found in NFPA 1500, NFPA 1983 (Incorporated in the 2022 Edition of NFPA 2500) and NFPA 1858 Standards.

Inspection and Retirement Criteria of Carabiners:

Refer to the user guide and perform inspection on Each carabiner before and after each use. Inspectors must ensure all surfaces of the carabiner to be free of cracks, sharp edges, corrosion, burrs and excessive wear. Check to ensure that the gate functions freely and independently, use at least 3 functional tests in succession. Ensure that the locking mechanism closes completely. If your carabiner does not pass the above inspection, remove It from service and destroy it.

Limitations and Proper Use of Carabiners:

All carabiners are designed and tested to specific load designations. Be aware of the designed load limitations and proper user technique. Do not overload a carabiner. The carabiners need to be connected to an anchor point smaller than the gate opening (indicated above). You must ensure that the carabiner is completely closed and locked when in use. No Connector is to be used in a connection where the Gate Keeper may be loaded. Care must be taken to avoid loading the connector across the gate, particularly over edges or other obstructions. Please check the anticipated orientation during loading before use. Connectors and anchorages should be selected to ensure there is appropriate dimensional and configured compatibility. Connectors are not to be connected to another connector. No more than one connector should be connected to any connection point at one time unless this has been specifically designed for and authorized; compatibility and interference must be considered. No foreign items should be used in conjunction with a connector. Connectors are utilized in a variety of fall protection equipment systems. Always verify before use that your equipment consists of products compatible with each other and in conformity with the applicable regulations, standards and directives in force. Where fixed anchorages are used they should be selected to ensure that the connector gate and/or connector locking mechanism cannot be compromised. Gate size as compared to the intended anchorage must be considered before intended use. Connectors with gate openings greater than one inch must not be connected to d-rings or d-ring anchorage connectors. Connectors must be connected such that in the event of a fall, the connector is loaded on its major axis. Loading of connectors in any orientation other than that of the major axis may result in the failure of the connector. If you are in any doubt whatsoever about the safe condition of the connector replace it immediately. During use the gate keeper must close and lock. If the connector has been used to arrest a fall it shall be withdrawn from use and destroyed. Also verify that the system has been properly assembled and that each component functions without interfering with any of the other components. Immediately before use, visually and functionally inspect to ensure that the connector is in a serviceable condition and operates correctly. There must not be any signs of wear, corrosion, deformation or defects in general. It is the user's responsibility to ensure that he/she understands the correct and safe use of the connector. Connectors are designed for normal climatic conditions. All contact with chemical reagents or other corrosive substances should be avoided. The user must be adequately trained in the appropriate techniques and security measures to be adopted. PenSafe assumes responsibility only for the uses for which the product is designed and is not responsible for product failure related to poor maintenance, user negligence, or where the product has been modified or repaired by persons not specifically authorized. PenSafe declines any and all responsibility for accidents, injuries or death due to improper application and incorrect use of its products by the user and/or failure to follow the above mentioned instructions.

WARNING

- * **YOU COULD BE KILLED OR SERIOUSLY INJURED IF YOU DO NOT READ AND UNDERSTAND THIS LABEL BEFORE USING THIS PIECE OF EQUIPMENT.**
- * **SPECIAL TRAINING AND KNOWLEDGE ARE REQUIRED TO USE THIS EQUIPMENT.**
- * **YOU MUST THOROUGHLY READ AND UNDERSTAND ALL MANUFACTURER'S INSTRUCTIONS BEFORE USE.**
- * **USE AND INSPECT THIS EQUIPMENT ONLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.**
- * **REFER TO ADDITIONAL MANUFACTURER'S INSTRUCTIONS FURNISHED WITH THE EQUIPMENT BEFORE USE. YOU CAN CONTACT THE MANUFACTURER AT 1-866-212-2211.**

IF THERE IS ANY DOUBT IN YOUR MIND CONCERNING THE USE OF THIS PRODUCT - DO NOT USE IT!

NFPA 2500 (1983), 2022 ED. ANSI/ASSP Z359.12-2019 and CSA Z259.12-2016 "Meets the Carabiner Requirements of NFPA 1983, Incorporated in the 2022 Edition of NFPA 2500."			
Part/Style	MBS Value	Class	Made In
A333PS & A913PS - Kwiklock	30 kN	T	Taiwan
A337PS & A917PS - Locksafe	30 kN	T	Taiwan
A393PS – Kwiklock	26 kN	T	Taiwan
A397PS – Locksafe	26 kN	T	Taiwan
Pensafe Inc. 1175 Barton Street, Unit #4 Stoney Creek, Ontario, Canada. L8E 5H1			



Part #	Material	Carabiner Specifications							Certification			
		Min Tensile Strength LBS [kN]	Min Gate Strength LBS [kN]	Min Side Load Strength LBS [kN]	Minor Axis Strength LBS [kN]	Transverse Body Load Strength LBS [kN]	Gate Opening IN [mm]	Safe Working Load for Lifting Carabiners (LBS)	ANSI/ASSP Z359.12-2019	CSA Z259.12-16	EN362-2004	NFPA 2500 (1983)-2022 Marked Upon Request
A333PS/A337PS	Aluminum	6,730 [30kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.65 [16.51]		√	√		√
A393PS/A397PS	Aluminum	5,833 [26kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.83 [21]		√	√		√
A843PS/A847PS	Aluminum	6,730 [30kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.81 [20.57]		√	√	A843PS Only	
A903PS	Aluminum	6,730 [30kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.77 [19.56]		√	√		
A907PS	Aluminum	6,730 [30kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.77 [19.56]		√	√	√	
A913PS/A917PS	Aluminum	6,730 [30kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.77 [19.56]		√	√		√
C415/C417	Formed Steel	6,730 [30kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.63 [16]		√	√	C415	
C334	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.67 [17]				√	
C335	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.65 [19]		√	√	√	
C772	Formed Steel	10,000 [45kN]					0.94 [24]					
C775	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.94 [24]		√	√	√	
C714PS	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]	2.12 [53.83]		√	√		
C734PS	Formed Steel	8,000 [35kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]	2.0 [50.8]		√	√		
C763PS	Formed Steel	9,000 [40kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]	1.86 [47.24]		√	√		
C843PS/C847PS	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.96 [24.38]		√	√		
C812PS	Formed Steel	10,000 [45kN]					0.73 [18.54]					
C813PS	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.65 [16.51]		√	√		
C734L	Formed Steel	8,000 [35kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		2.0 [50.8]	1700 or 1/5 of the ultimate tensile load				
C763L	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		1.86 [47.24]	2000 or 1/5 of the ultimate tensile load				
C813L	Formed Steel	10,000 [45kN]	3,600 [16kN]	3,600 [16kN]	3,600 [16kN]		0.65 [16.51]	2000 or 1/5 of the ultimate tensile load				

INSPECTION RECORD

DATE	CLEANLINESS / FINISH	FUNCTION (CLOSES & LOCKS)	RESULT

