

Product	CatNo	EN	EN	ASSE/	CAV/	NFPA	Strength	Gate
		12275	362:	ANSI	CSA	1983:	kN	Opening
		2004	Z559.12	Z559.12	2012			(mm)
Aero Offset D	A372 / A372AV	B	B/T	-	-	-	25	17
Aero HMS	A362 / CB	B&H	B/T	-	-	-	25	19
	A362AV / CB	B&H	B/T	-	-	-	25	17
	A363 / CB	B&H	B/T	-	-	-	25	17
	A367 / CB	B&H	B/T	-	-	-	25	17
Sentinel	A262 / A262AV	B&H	B	-	-	-	24	20
	A263	B&H	B	-	-	-	24	17
	A267	B&H	B	-	-	-	24	17
Revolver	A272 / A272AV	B	B	-	-	-	24	16
	A273	B	B	-	-	-	24	15
	A277	B	B	-	-	-	24	15
	A282	B	B	-	-	-	25	17
Mamba	A302 / A302AV	B	B	-	-	-	24	18
Shadow	A303	B	B	-	-	-	24	17
	A307	B	B	-	-	-	24	17
Phantom	A312	B	B	-	-	-	24	15
Ultra O	A322 / CB	B	B/T	-	-	-	25	22
	A322AV / CB	B	B/T	-	-	-	25	22
	A323 / CB	B	B/T	-	-	-	25	19
	A324	B	B	-	-	-	25	19
	A327 / CB	B	B/T	-	-	-	25	19
	A332 / CB	B	B/T	-	-	-	30	22
	A332AV / CB	B	B/T	-	-	-	30	22
	A333 / CB	B	B/T	-	-	-	30	22
	A333ANSI / CBANSI	B	B/T	2009	2011	-	30	16
	A334 / CB	B	B/T	-	-	-	30	20
	A337 / CB	B	B/T	-	-	-	30	22
	A337ANSI / CBANSI	B	B/T	2009	2011	-	30	16
Rhino	A542AV	B&H	B	-	-	-	27	20
	A543	B&H	B	-	-	-	27	19
	A547	B&H	B	-	-	-	27	19
Scaffold Hooks	A113	B	B	-	-	-	22	42
	A734	T	T	1992	-	-	23	52
	A734OL / TA733OLCR	T	T	1992	-	-	23	52
	A734ANSI Ultima	T	T	2009	2011	-	38	53
	A763	T	T	1992	-	-	32	58
Zodiac	A822 / CB	B	B/T	-	-	-	32	18
	A822AV / CB	B	B/T	-	-	-	32	18
	A823 / CB	B	B/T	-	-	-	32	18
	A827 / CB	B	B/T	-	-	-	32	18
Klettersteig	A842 / CB	B&K	B/T	-	-	-	30	26
	A842AV / CB	B&K	B/T	-	-	-	30	26
	NFPA / A843 / CB	B&K	B/T	-	-	-	30	24
	A843ANSI / CBANSI	B	B/T	2009	2011	-	30	21
	A844 / CB	B&K	B/T	-	-	-	30	22
	NFPA / A847 / CB	B&K	B/T	-	-	-	30	24
	A847ANSI / CBANSI	B	B/T	2009	2011	-	30	21
	A872 / CB	B&H	B/T	-	-	-	25	24
	A872AV / CB	B&H	B/T	-	-	-	25	24
	A892 / CB	B&H	B/T	-	-	-	25	25
	A892AV / CB	B&H	B/T	-	-	-	25	25
	A893 / CB	B&H	B/T	-	-	-	25	23
	A897 / CB	B&H	B/T	-	-	-	25	23
	A902 / CB	B&H	B/T	-	-	-	30	25
	A902AV / CB	B&H	B/T	-	-	-	30	25
	A903 / CB	B&H	B/T	-	-	-	30	21
	A903ANSI / CBANSI	B	B/T	2009	2011	-	30	19
	A904 / CB	B&H	B/T	-	-	-	30	19
	A907 / CB	B&H	B/T	-	-	-	30	23
	A907ANSI / CBANSI	B	B/T	2009	2011	-	30	19
	A912 / A912AV	T	T	-	-	-	30	24
	A913	T	T	-	-	-	30	23
	A913ANSI	T	T	2009	2011	-	30	19
	A917	T	T	-	-	-	30	19
	A917ANSI	T	T	2009	2011	-	30	19
Sidewinder	A98K21	T	T	-	-	-	25	21
	A98K31	T	T	-	-	-	25	18
	A98K31ANSI	T	T	2009	2011	-	25	15
	A98K71	T	T	-	-	-	25	20
	A98K71ANSI	T	T	2009	2011	-	25	15

Steel Connectors								
Small Scaffold	C113	-	T	-	-	-	45	38
10mm Equal	C412 / CB	B	B/T	-	-	-	30	15
	C413ANSI / CBANSI	B	B/T	2009	2011	-	30	14
	C417 / CB	B	B/T	-	-	-	30	15
	C417ANSI / CBANSI	B	B/T	2009	2011	-	30	13
10mm Oval	C452	B	B	-	-	-	30	16
	C453	B	B	-	-	-	30	18
	C453ANSI	B	B	2009	2011	-	30	12
	C457	B	B	-	-	-	30	17
	C457ANSI	B	B	2009	2011	-	30	17
Scaffold Hooks	C714	T	T	1992	-	-	45	52
	C714ANSI	T	T	2009	2011	-	45	50
	C734	T	T	1992	-	-	35	52
	C734ANSI	T	T	2009	2011	-	35	50
	C763	T	T	2009	2011	-	45	55
12mm Offset	C812 / CB	B	B/T	-	-	-	45	18
	C813 / CB	B	B/T	-	-	-	45	15
	C813ANSI / CBANSI	B	B/T	2009	2011	-	45	17
	C817 / CB	B	B/T	-	-	-	45	15
	C817ANSI / CBANSI	B	B/T	2009	2011	-	45	15
Klettersteig	C842 / CB	B&K	B/T	-	-	-	45	24
	C843 / CB	B&K	B/T	-	-	-	45	24
	C843ANSI / CBANSI	B	B/T	2009	2011	-	45	23
	C847 / CB	B&K	B/T	-	-	-	45	24
	C847ANSI / CBANSI	B	B/T	2009	2011	-	45	21
12mm Boa	C852	B&H	B	-	-	-	40	24
	C853	B&H&K	B	-	-	-	40	24
	C853ANSI	B	B	2009	2011	-	40	22
	C857	B&H&K	B	-	-	-	40	24
	C857ANSI	B	B	2009	2011	-	40	22
Captive Eye	C962	T	T	-	-	-	45	16
	C963	T	T	-	-	-	45	18
	C963ANSI	T	T	2009	2011	-	45	16
	C967	T	T	-	-	-	45	16
	C967ANSI	T	T	2009	2011	-	45	16

Stainless Steel Connectors								
Stainless Steel Oval	S322 / CB	B	B/T	-	-	-	27	18
	S322AV / CB	B	B/T	-	-	-	27	18
	S323 / CB	B	B/T	-	-	-	27	16
	S323ANSI / CBANSI	B	B/T	2009	2011	-	27	14
	S327 / CB	B	B/T	-	-	-	27	15
	S327CB / CBANSI	B	B/T	2009	2011	-	27	13
Stainless Steel Offset	S812 / CB	B	B/T	-	-	-	45	18
	S812AV / CB	B	B/T	-	-	-	45	18
	S813 / CB	B	B/T	-	-	-	45	14
	S813ANSI / CBANSI	B	B/T	2009	2011	-	45	13
	S817 / CB	B	B/T	-	-	-	45	14
	S817ANSI / CBANSI	B	B/T	2009	2011	-	45	13
	S842 / CB	B	B/T	-	-	-	40	22
	S842AV / CB	B	B/T	-	-	-	40	22
Klettersteig	S843 / CB	B	B/T	-	-	-	40	21
	S843ANSI / CBANSI	B	B/T	2009	2011	-	40	20
	S847 / CB	B	B/T	-	-	-	40	20
	S847ANSI / CBANSI	B	B/T	2009	2011	-	40	20

**EN: Warning! Working at height, rock climbing, mountaineering and related activities are inherently dangerous. It is the responsibility of any person using this equipment to learn and practice the proper techniques for use of the equipment for its designed purposes safely and to receive and take appropriate action in situations where rescue may be required. Even the correct use of equipment and techniques may result in fatal consequences. Medical conditions can affect the safety of the equipment user in normal and emergency use. Any person using this equipment assumes all risks and full responsibility for all damages or injury which may result from the use of it. It is impossible to predict them all. There is no substitute for instruction by a trained and competent person.**

**USER INSTRUCTIONS**

**IMPORTANT: Please read and understand this information before use, and retain this information for future reference.**

**General Information**

1. These instructions cover the use of DMM Locking Connectors, conforming to one or more international standards. Refer to product list for details. If in doubt please contact your supplier or DMM.

2. This product may be used in conjunction with any appropriate item of Personal Protective Equipment (PPE) relevant to European Union Directive 89/686/EEC. It may be acceptable for use in other applications, please consult your supplier.

3. Immediately before use, visually/instructively inspect to ensure that this product is in a serviceable condition and operates correctly. This inspection should be recorded on the inspection form supplied. We recommend a thorough inspection at least once every 6 months by a competent person (this may be the manufacturer).

4. **Personal Issue:** this product may be issued for personal use, and may be used either separately or as part of a system.

5. Lives depend on your equipment. The user should be aware of its history (use, storage, inspection etc.). If this equipment is not for personal use (e.g. used in mountaineering centres), we strongly recommend a systematic approach to record keeping. This should always be carried out by a competent person.

6. **WARNING:** If you are in any doubt about the safe condition of this product, replace it immediately.

7. **WARNING EN362:2004:** If this product has been used to arrest a fall it should be withdrawn from use and destroyed.

8. Ensure that the instructions for other components used in conjunction with this product are complied with. It is the user's responsibility to ensure that he/she understands the correct and safe use of this product.

9. This product is designed for use in normal climatic conditions (-40°C - +50°C). It may be suitable for other conditions, please consult your supplier.

10. No responsibility will be accepted by DMM for damage, injury or death resulting from misuse. If in doubt contact your supplier or DMM.

11. No special transportation precautions are necessary; however, avoid all contact with chemical reagents or other corrosive substances.

12. Care must be taken to avoid loading this product over edges and other obstructions. Check the anticipated orientation during loading before use.

13. **Anchors.**

13.1 The anchorage point of the fall arrest system should be above the position of the user and conform to EN 1795:2012 and have a minimum strength of 20kN.

13.2 Positioning of the anchorage point is crucial for safe fall arrest and this must take into account the anticipated fall distance including rope stretch, the deployment of the shock absorption system (where used) and the length of the connector so that obstructions (such as the ground) may be safely avoided.

13.3 Mountaineering: the user is advised that the safety of any rock, snow or ice (or any combination of them) anchorage point (belay) natural or unnatural cannot be guaranteed as safe and therefore good judgment by the user is a necessity in order to obtain adequate protection.

14. **EN362:2004**

14.1. All connectors are tested using steel pins of diameter 12mm. If in doubt check compatibility of mating parts before use. Care must be taken if this connector is likely to be loaded using wide straps (>12mm wide) as this may reduce the strength of the connector if loading occurs. If in doubt please consult your supplier or DMM.

14.2. Manual Locking connectors (screwgate) should be used only where the user does not have to attach and remove the connector many times during a working day.

15. **Maintenance and Servicing:** This product must not be marked, modified or repaired by the user unless authorised by DMM. Note: this product is not user maintainable with the exception of the following:

15.1 **Disinfection:** disinfect using a disinfectant containing quaternary ammonium compounds reinforced with chlorhexidine (e.g. Savlon) in sufficient quantities to be effective. Soak the product for 1 hour at dilutions recommended for general use using clean water at per (15/2) not exceeding 25°C then rinse thoroughly as per (15/2).

15.2 **Cleaning:** if soiled rinse in clean warm water of domestic supply quality (maximum temperature 25°C) with mild detergent at appropriate dilution (pH range 5.5 - 8.5). Thoroughly rinse and dry naturally in a warm ventilated room away from direct heat. Important: Cleaning is recommended after every use in a marine environment.

15.3 **Lubrication:** Lubricate the mechanism with a suitable lubricating oil. This should be carried out after cleaning. Cleaning and lubrication may cure a defective mechanism. If it does not, replace the product immediately. Lubrication is recommended after every use in a marine environment.

15.4 **Storage:** after any necessary cleaning store unpacked in a cool, dry, dark place in a chemically neutral environment away from excessive heat or heat sources, high humidity, sharp edges, corrosives or other possible causes of damage. Do not store wet.

16. **Lifespan and Obsolescence.**

16.1 **Lifespan:** this is the maximum life of the product, subject to detailed conditions, that the Manufacturer recommends that the product should remain in service.

16.2 **Obsolescence:** a product may become obsolete before the end of its lifespan. Reasons for this may include changes in applicable standards, regulations, legislation, development of new techniques, incompatibility with other equipment etc.

17. **European Union Type Examination:** EU type examination for this product is carried out by Notified Body No. 0120: S.G.S. (UK) Ltd., Worle Parkway, Weston-Super-Mare, Somerset, BS22 6WA, UK.

18. **Explosion Markings:** Note additional markings may be included on this product as required by product certification standards other than EN362 (2004):

**DMM Wales UK** - Name of manufacturer/ country of origin.

**xxxxX** - EN362:2004 - Strength rating, → major axis gate closed (loading along spine with gate closed and locked), EN12275:2013/MEETS NFPA 1983 (2012ED) - Minimum breaking strength, ← minor axis gate closed, ↖ cross gate (minor axis, gate closed), ↗ major axis gate open.

**Y120CE** - CE mark (notified body number and CE mark).

**Y120AYXXXX** - Year/Day of manufacture and individual serial number.

**Book Pictogram** - reminder that the end user should read & understand these instructions, and those supplied with other items of PPE which may be used in conjunction with this item.

RFID [http://dmmprofessional.com/documents/productinfo/id\\_info\\_sheet.pdf](http://dmmprofessional.com/documents/productinfo/id_info_sheet.pdf)

**EN362:2004/B/T** - European Standard and Class of connector.

**Axxx/Cxxx/Sxxx** - Product Code

**D** - For connectors of type D (EN12275:2013 Directional Connectors) where relevant.

**H** - For connectors of type H (EN12275:2013 HMS Connectors) where relevant.

**K** - For connectors of type K (EN12275:2013 Klettersteig Connectors) where relevant and when fitted with automatic locking gates.

**T** - Technical use as per NFPA 1983 (2012ED)

**G** - General use as per NFPA 1983 (2012ED)

**CONNECTIONS DESIGNATED NFPA MEET THE AUXILIARY EQUIPMENT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT TESTING SERVICES, 2012 EDITION. MINIMUM BREAKING STRENGTHS AND RATINGS ARE DETERMINED AT THE CONFIGURATION OF LOWEST STRENGTH PER MANUFACTURERS INSTRUCTIONS**

**Guarantee:** DMM guarantees this product for 3 years against any defects in materials or manufacture. The guarantee does not cover this product for normal wear through use, incorrect storage, poor maintenance, accidental damage, negligence, any modifications or alterations, corrosion, or for any usage for which the product was not designed.

**WARNING:** If a carabiner or quickdraw is left 'fixed' on a rock face or any other structure it could be subject to very high levels of wear, abrasion, weathering and/or corrosion. These factors can produce sharp edges on the carabiner which may damage/cut a climbing rope. The same factors may also reduce the strength of carabiners and textile components which may catastrophically fail causing injury or death. If fixed carabiners or quickdraws are to be used on a climbing wall, thorough inspection by a competent person should be undertaken in a systematic way.

**EN: Belay Master**

The Belay Master screwgate carabiner is specifically for use in belaying and descending systems and is designed for use with all belay devices and the "Italian Hitch" knot (also known as the HMS knot). Refer to 3.1 and 3.2 for detailed instructions.

2. The moulded plastic wing each which is an integral part of this carabiner is designed to:

- 2.1 Help the user maintain control of their belay.
- 2.2 Keep the carabiner oriented in the correct position thereby avoiding rotation during use.
- 2.3 Discourage cross gate loading of the carabiner while in use.

3.1.2 It is important that the gate of the carabiner is securely locked during use and that the plastic clip is positioned correctly.

3.2 Discourage leverage across the gate of the carabiner when used in conjunction with Figure of







EN = Anti Vibration Screwcap, CB = Captive Bar, B = Basic Connector, T = Termination Connector, H = HMS Connector, K = Klettersteig Connector

Product CatNo EN ENH ASSE/ 362: ANSI CAN/ NFPA Strength Gate Opening (mm)

Aero Offset D	A372 / A372AV	B	B/T	25	17
Aero HMS	A362 / CB	B&H	B/T	25	19
	A362AV / CB&V	B&H	B/T	25	17
	A363 / CB	B&H	B/T	25	17
	A367 / CB	B&H	B/T	25	17
Sentinel	A262 / A262AV	B&H	B	24	20
	A263	B&H	B	24	17
	A267	B&H	B	24	17
Revolver	A272 / A272AV	B	B	24	16
	A273	B	B	24	15
	A277	B	B	24	17
Mamba	A282	D	T	25	17
Shadow	A302 / A302AV	B	B	24	18
	A303	B	B	24	17
	A307	B	B	24	17
	A312	B	B	24	15
Phantom	A322 / CB	B	B/T	25	22
Ultra O	A322AV / CB&V	B	B/T	25	22
	A323 / CB	B	B/T	25	20
	A324	B	B	25	20
	A327 / CB	B	B	25	19
Ultra D	A332 / CB	B	B/T	30	22
	A332AV / CB&V	B	B/T	30	22
	A333 / CB	B	B/T	30	22
	A333ANSI / CB&NSI	B/T	2009 2011	30	16
	A334 / CB	B	B/T	30	20
	A337 / CB	B	B/T	30	22
	A337ANSI / CB&NSI	B/T	2009 2011	30	16
Rhino	A542/AV	B&H	B	27	20
	A543	B&H	B	27	19
	A547	B&H	B	27	19
Scaffold Hooks	A113	B	B	22	42
	A734	T	T	23	52
	A734OL / TA733OLC&R	T	1992	23	52
	A734ANSI Ultima	T	2009 2011	38	53
	A763	T	1992	32	18
Zodiac	A822 / CB	B	B/T	32	18
	A822AV / CB&V	B	B/T	32	18
	A823 / CB	B	B/T	32	18
	A827 / CB	B	B/T	32	18
Klettersteig	A842 / CB	B&K	B/T	30	26
	A842AV / CB&V	B&K	B/T	30	26
	NFPA / A843 / CB	B&K	B/T	30	24
	A843ANSI / CB&NSI	B/T	2009 2011	30	21
	A844 / CB	B&K	B/T	30	22
	NFPA / A847 / CB	B&K	B/T	30	22
	A847ANSI / CB&NSI	B/T	2009 2011	30	21
Belay Master Z	A872 / CB	B&H	B/T	25	24
	A872AV / CB&V	B&H	B/T	25	24
25 kN Boa	A892 / CB	B&H	B/T	25	25
	A892AV / CB&V	B&H	B/T	25	25
	A893 / CB	B&H	B/T	25	23
	A897 / CB	B&H	B/T	25	23
30 kN HD Boa	A902 / CB	B&H	B/T	30	25
	A902AV / CB&V	B&H	B/T	30	25
	A903 / CB	B&H	B/T	30	21
	A903ANSI / CB&NSI	B/T	2009 2011	30	19
	A904 / CB	B&H	B/T	30	19
	A907 / CB	B&H	B/T	30	23
	A907ANSI / CB&NSI	B/T	2009 2011	30	19
	A912 / A912AV	T	T	30	24
	A913	T	T	30	23
	A913ANSI	T	2009 2011	30	19
	A917	T	2009 2011	30	23
	A981	T	2009 2011	25	21
	A982	T	2009 2011	25	18
	A983	T	2009 2011	25	15
	A983ANSI	T	2009 2011	25	15
	A987	T	2009 2011	25	20
	A987K1ANSI	T	2009 2011	25	15

EN ENH ASSE/ 362: ANSI CAN/ NFPA Strength Gate Opening (mm)

Small Scaffold	C113	T	T	45	38
10 mm Equal	C412 / CB	B	B/T	30	15
	C413 / CB	B	B/T	30	15
	C413ANSI / CB&NSI	B/T	2009 2011	30	14
	C417 / CB	B	B/T	30	15
	C417ANSI / CB&NSI	B/T	2009 2011	30	13
10 mm Oval	C452	B	B	30	16
	C453	B	B	30	18
	C453ANSI	B	2009 2011	30	17
	C457	B	B	30	12
	C457ANSI	B	2009 2011	30	17
	C714	T	1992	45	52
Scaffold Hooks	C714ANSI	T	2009 2011	45	50
	C734	T	1992	35	52
	C734ANSI	T	2009 2011	35	50
	C763	T	2009 2011	40	55
12 mm Offset	C812 / CB	B	B/T	45	18
	C813 / CB	B	B/T	45	15
	C813ANSI / CB&NSI	B/T	2009 2011	45	17
	C817 / CB	B	B/T	45	17
	C817ANSI / CB&NSI	B/T	2009 2011	45	15
	C842 / CB	B&K	B/T	45	24
	C843ANSI / CB&NSI	B/T	2009 2011	45	23
	C847 / CB	B&K	B/T	45	24
	C847ANSI / CB&NSI	B/T	2009 2011	45	21
12 mm Boa	C852	B&H	B	40	24
	C853	B&H&K	B	40	24
	C853ANSI	B	2009 2011	40	22
	C857	B&H&K	B	40	24
	C857ANSI	B	2009 2011	40	22
	C963	T	T	45	16
	C963	T	T	45	16
	C963ANSI	T	2009 2011	45	16
	C967	T	T	45	16
	C967ANSI	T	2009 2011	45	16

EN ENH ASSE/ 362: ANSI CAN/ NFPA Strength Gate Opening (mm)

Stainless Steel Connectors	S322 / CB	B	B/T	27	18	
Stainless Steel Oval	S323AV / CB&V	B/T	B/T	27	18	
	S323 / CB	B	B/T	27	14	
	S323ANSI / CB&NSI	B/T	2009 2011	27	16	
	S327 / CB	B	B/T	27	15	
	S327CB / CB&NSI	B	B/T	2009 2011	27	13
Stainless Steel Offset	S812 / CB	B	B/T	45	18	
	S812AV / CB&V	B	B/T	45	18	
	S813 / CB	B	B/T	45	14	
	S813ANSI / CB&NSI	B/T	2009 2011	45	13	
	S817 / CB	B	B/T	45	14	
	S817ANSI / CB&NSI	B/T	2009 2011	45	13	
Stainless Steel	S842 / CB&V	B	B/T	40	22	
Klettersteig	S843 / CB	B	B/T	40	21	
	S843ANSI / CB&NSI	B/T	2009 2011	40	20	
	S847 / CB	B	B/T	40	20	
	S847ANSI / CB&NSI	B/T	2009 2011	40	20	

**SL: Opozorilo!** Delo na višini, plezanje, gorništvilo in povezane aktivnosti so same po sebi nevarne. Vse osebe, ki jih vabljajo to opremo, se morajo naučiti uporabljati ustreznih tehnik in jih vaditi, da bodo lahko uporabljale opremo za njen predviden namen ter previdne in sprejele ustrezne ukrepe v primerih, ko bo morala potrebna reševanje. Do usodnih posledic lahko pride celo ob pravilni uporabi opreme in tehniki. Zdravstvena stanja lahko vplivajo na varnost uporabljenih oprem, ki jih uporabljate in jih morate vedno preveriti. Zelo pomembno je, da uporabljate opremo, prevzema vsa tveganja in polno odgovornost za vso škodo ali telesne poškodbe, ki lahko nastanejo pri uporabi opreme. V ta dokument ni mogoče zajeti vseh načinov uporabe. V navodilih in na slikah v nadaljevanju je prikazanih nekaj najpogostejših pravilnih ter nepravilnih načinov uporabe, saj ni mogoče predvideti vseh. Ta navodila ne nadomeščajo navodil kvalificirane in usposobljene osebe.

**NAVODILA ZA UPORABNIKA**

**POMEMBNO:** Pred uporabo preberite te informacije in se seznanite z njimi ter jih obdržite za prihodnjo uporabo.

**Splošne informacije**

1. V teh navodilih je opisana uporaba izdelka DMM Vponke z matico, ki je skladen z enim ali več mednarodnimi standardi. Za podrobnosti si ogledajte seznam izdelkov. Če ste v dvomih, se obrnite na prodajalca ali podjetje DMM. 2. Ta izdelek je mogoče uporabljati v povezavi s katerim koli ustreznim izdelkom osebne zaščitne opreme (OZO), ki ustreza Direktivi 89/686/EGS Evropske unije. Izdelek je morda primeren tudi za uporabo v drugih načinih uporabe. Posvetujte se s prodajalcem. 3. Ta izdelek morate tik pred uporabo vizualno/funkcionalno pregledati in se prepričati, da je v uporabljenem stanju in deluje pravilno. Priporočamo, da vsaj enkrat na vsakih 6 mesecev izdelke temeljito pregledate usposobljena oseba (to je lahko proizvajalec). Ta pregled je treba zabeležiti v priloženi obrazci za pregled. 4. **Oseba uporabnik** la izdelka mora vedno uporabljati iz osebno uporabo, uporabljaja pa ga lahko kot samostojni izdelek ali kot del sistema. 5. Od vaše opreme so odvisna življenja. Uporabnik mora poznati njeno zgodovino (uporabo, shranjevanje, pregled itd.). Če se ta oprema ne uporablja za osebno uporabo (če se ne uporablja pr, v pekalnih sredstvih), priporočamo sistematični pristop k vodilni evidenci. Evidence mora vedno voditi uporabnik. 6. **OPAZORILO:** če ste v kakršnih koli dvomih glede varnega stanja tega izdelka, ga takoj zamenjajte. 7. **OPAZORILO EN362:2004:** Če je bil ta izdelek uporabljen za zaustavitev padca, ga morate prenehati uporabljati in unčiti.

8. Vedno upoštevajte navodila za druge komponente, ki jih uporabljate s tem izdelkom. Uporabnik je sam odgovoren, da se seznanji s pravilno in varno uporabo tega izdelka. 9. Ta izdelek je zasnovan za uporabo v običajnih podnebnih razmerah (-40 °C ~ +50 °C). Izdelek je morda primeren tudi za uporabo v drugih razmerah. Posvetujte se s prodajalcem. 10. Podjetje DMM ne sprejema nobene odgovornosti za škodo, poškodbe ali smrt, do katere pride zaradi naparčne uporabe. Če ste v dvomih, se obrnite na prodajalca ali podjetje DMM.

11. Pri prevozu ni treba upoštevati nobenih previdnostnih ukrepov, vendar pa morate prepričati stik s kemičnimi reagenti ali drugimi jedkimi snovmi. 12. Pazite, da tega izdelka ne obremenite prek robov in drugih ovir. Pred uporabo preverite predvideno usmeritev med obremenitvijo. 13. **Sidra.**

13.1 Sidrna točka lovilnega sistema mora biti nad položajem uporabnika ter mora ustrezati standardu EN795:2012 in zagotavljati najmanjšo trdnost 12kN. 13.2 Izbiraj pravilna mesta sidrne točke, ki je ključnega pomena za varno livenje in laskanje, zato je izbiri mesta treba upoštevati predvideno razdaljo padca, vključno z elastičnostjo vrvi, uporabo sistema za ublažitev udara (če se uporablja) in dolžino vponke, da se je mogoče varno izogniti oviram (kot so tla). 13.3 **Gorništvilo:** uporabnik mora upoštevati, da ni mogoče zagotoviti varnosti skale kot naravne ali nenaravne sidrne točke na skali, snegu ali ledu (ali poljubni kombinaciji teh), zato mora uporabnik dobro presoditi, ali je zagotovljeno ustrezno varovanje.

14. **EN362:2004**

14.1. Vse vponke so preskušene z jeklenimi klini premera 12 mm. Če ste v dvomih, pred uporabo preverite združljivost priključnih delov. Če obstaja verjetnost, da bo ta vponka obremenjena s širokim trakovi (širšimi od 12mm), morate biti previdni, saj to lahko zmanjša nosilno zmogljivost obremenitve. Če ste v dvomih, se posvetujte s prodajalcem ali podjetjem DMM. 14.2 Vponke z matico na navoj (spring gate) lahko uporabite le, kadar uporabniku med delovnim dnem ni treba velikokrat namestiti in odstraniti vponke. Spremembe ali popravila, razen od podjetja podjetje DMM. **Opomba:** uporabnik tega izdelka ne sme združevati sam, z izjemo naslednjega: 15.1 **Defezifikacija:** izdelek lahko defezificirate z defezifikacijskim sredstvom, ki vsebuje kvarterne amonijeve spojine s klorheksidom (npr. Savlon) v zadostni količinih, da začne učinkovati. V skladu z navodili iz razdelka 15.2 izdelke 1 uro namakajte v razredni tekočini, priporočeni za splošno rabo za uporabo čiste vode. Če je temperatura 25 °C, in nato temeljito izperite v skladu z navodili iz razdelka 15.2.

15.2 **Čiščenje:** če je oprema umazana, jo izperite s čisto toplo vodo iz gospodinjstva vodovodnega omrežja (najvišja temperatura 25 °C), ki jo ustrežno razredite z blagim detergentom (raztopn pH od 5 do 8,5). Oprimo temeljito izperite in posušite namakano opremo s čisto vodo. Če se oprema uporablja za potapljanje, Pomembno: v morskem okolju je čiščenje priporočeno po vsaki uporabi. 15.3 **Mazanje:** mehanizem namazite z ustreznim mazalnim oljem. Mehanizem namazajte po čiščenju. Počkajte, da odvoščeno mazivo otečje, in ga nato obrišete. Če s čiščenjem in mazanjem ne popravite okvarjenega mehanizma, takoj zamenjajte izdelek. V morskem okolju je mazanje priporočeno po vsaki uporabi. 15.4 **Shranjevanje:** po vsakem potapljanju temeljito očistite in namakajte izdelek shranite v hladni, suhi in temen prostor v kemično nevtralnem okolju, ki ni izpostavljen prekomerni toploti ali virom toplote, visoki vlažnosti, ostrim robovom, jedkovinam ali drugim močnim vzrokom poškodb. Izdelka ne shranite, če je mok. 16. **Zivljenska doba in zastarelost.**

16.1 **Zivljenska doba:** to je najdaljša življenska doba izdelka, izpostavljenega navaden pogojem, ki jo proizvajalec priporoča in ki zagotavlja delovno stanje izdelka. 16.2 **Zastarelost:** izdelek lahko zastara pred koncem svoje življenske dobe. Med razloge za to lahko spadajo spremembe veljavni standardov, uredb in zakonodaje, razvoj novih tehnik, nezdružljivost z drugo opremo itd. 17. **Pregledni Evropski standardi:** Pregledajte ta seznam izdelka v skladu s predpisi EU izvajaja priloženi organ. SL 0120: S.G.S. (UK) Ltd., Worle Parkway, Weston-Super-Mare, Somerset, BS22 6WA, UK. 18. **Razlaga oznak:** (Upoštevajte, da so na tem izdelku lahko dodane oznake, kot to zahtevajo standardi za skladnost izdelka, ki ni EN362 (2004): **DMM Wales UK** - ime proizvajalca/država izvora. **xxkN** - EN362:2004 - nazivna moč. **➔** zaprta zaskočna glavne ose (obremenitev vzdolž hrbenice z zaprti in blokirano zaskočko). EN12275:2013/EN12275:2013/MEETS NFPA 1983 (2012ED) - MBS (najmanjša pretzna trdnost), **➔** zaprta zaskočna glavne ose, **➔** navkrižna zaskočka (manjša os, zaprta zaskočka) **➔** odprta zaskočna glavne ose. **CE**-oznaka (številka vlagateljevega organa in CE-oznaka). **LEDANXXXX** - L-eto/dan proizvodnje in posamezna serijska številka.

**Piktogram knjige** - Opozorilo, da mora končni uporabnik prebrati ta navodila in se seznaniti z njimi, ter prebrati navodila, priložena drugim izdelkom osebne zaščitne opreme, ki jih morda uporabljate skupaj s tem izdelkom.

RFID http://dmmprofessional.com/documents/productinfo/id\_info\_sheet.pdf

EN362:2004/B/T - Standardi, s katerimi je skladen izdelek.

**D** - Vponke tipa D (EN12275:2013, usmerjavne vponke), kadar je primerno.

**H** - Vponke tipa H (EN12275:2013, HMS vponke), kadar je primerno.

**K** - Vponke tipa K (EN12275:2013, posebna vponka, vna ferrata), kadar je primerno in kadar so opremljene s skladno zaskočko z matico.

**T** - Tehnična uporaba v skladu z NFPA 1983 (2012ED)

**C** - Splošna uporaba v skladu z NFPA 1983 (2012ED)

**SL: Belay Master**

1. Vponka z matico na navoj Belay Master je posebej namenjena uporabi pri varovalnih sistemih in sistemih sestopanja ter je zasnovana za uporabo z vsemi varovalnimi napravami ter vozlov s sedežna zanka (imenovan tudi vozle HMS). Glejte sliko (A). Vponka Belay Master je skladna s standardom EN12275 in je razvrsčena kot vponka tipa H (HMS). 2. Ulta plastična varovalnika, ki je sestavni del te vponke, je zasnovana za naslednje: 2.1 Uporabnik lahko nadzoruje svoji varovalni sistem. 2.2 Vponka je usmerjena v pravilnem položaju, kar preprečuje rotacijo med uporabo. 2.3 Preprečena je prečna obremenitev vponke med uporabo. 2.4 Zagotavlja, da je zapiralni mehanizem vponke med uporabo varno zaprt, kar preprečuje naključno odpiranje zaradi vibracij in nenadne obremenitve. 2.5 Preprečuje prečno obremenitev zapiralnega mehanizma vponke, kadar jo uporabljate z napravo Figure of 8s in drugimi podobnimi napravami.

3. **Namesitev vponke Belay Master**  
Pravila namesitve vponke Belay Master je ključnega pomena za zagotovitev potrebne varnosti in omogočanje namenskega delovanja

3.1 Na sliko prikazan pravilen način namesitve in blokade sistema Belay Master na plezalni pas EN12277 tip C, vključno s pravilno usmeritvijo in uporabo s temi pasovi ter uporabo s številnimi drugimi napravami za varovanje in spuščanje.

3.2 Vponka Belay Master mora biti med uporabo pravilno usmerjena, plastična varovalnika pa v pravilnem položaju.

3.3 **Zelo pomembno:** Zapiranje vponke Belay Master (slike D i, ii, iii). Če je vponka nameščena na pas, morate zapreti zaskočko in jo popolnoma pravi v zapač vponke, blokirano napravo z matico na navoj morate popolnoma priviti, plastično varovalnika pa poravnati s popolnoma zaprto zaskočko in jo nato zapreti s klikom. S tem zaprete blokirano napravo z matico na navoj in zaprt položaj! Upoštevajte, da lahko plastično varovalno zaprete s klikom le, če je blokirna naprava vponke popolnoma prava in zaprta. Varovalke ne poskušajte zapreti s silo, saj lahko poškodujete.

Če želite odpreti vponko Belay Master, izvedite ta postopek v obratnem vrstnem redu.

3.4 **Pomembno:** plastična varovalnika na vponki Belay Master ni nosilna. Varovalni napravi, vrti ali katerikoli drugih izdelkov opreme, ki jo uporabljate s to napravo, ne smete v nobenem primeru namestiti na plastično varovalno.

**BG: Belay Master**  
1. Kadar uporabnik Belay Master s vintov šoloz s specifično za upotreba pri sistemih za fiksiranje in spuskane, i e projektirani za upotreba s siskni ustruktura za fiksiranje in 'Italan Hitch' vzlen (izvesten ose kato HMS vzlen). Naprave sprava s diagrama (A). The Belay Master souvletstva na EN12275 i ce klasifikacija kato karabiner ot tip H (HMS).

2. Obrazovanje i plasticna varoval

