

ROLLNLOCK

EN Pulley / rope clamp
 IT Carrucola / bloccante
 FR Poulie / bloqueur
 DE Seilrolle / Seilklemme
 ES Polea / bloqueador
 PT Rolodana / bloqueador
 SE Blocket / replåkman
 FI Väkipyörä / estäjä
 NO Trinsen / tauklemmen
 CZ Kládky / blokantů
 JP ブーリー/ロッキング

Ref. No. 2D652
80 g

MADE IN ITALY
EN 12278:2007
EN 567:1997
CE 0333

89/686/CEE -
 Personal Protective Equipment against falls from a height.

i = G + S

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0 TRACEABILITY

individual serial number
AAAA - DDD - YY
 progressive number day of manufacture year of manufacture

1 COMPATIBILITY

1.1

For use with:
 Ropes EN 892 / EN1891 Ø 8 + 13 mm.
 Webbing 10 + 16 mm (Attention! Exceptional use, not to be used for the protection against falls from a height!)

1.2

Attention! Not to be used with cables!

2 NOMENCLATURE OF PARTS

2.1 2.2 2.3

3 ROPE CLAMP MODE INSTALLATION

Raise the mobile side plate and turn 180° to open it out. Feed the rope through in the correct direction, then turn the side plate to the closed position. Insert the connector in the hole and connect it to the harness.

3.1 3.2 3.3 3.4 - CHECK 3.5 - OK! 3.6 - TESTING

4 ROPE CLAMP MODE INSTRUCTIONS FOR USE

Up Alto Haut Oben Arriba

STOP! Max 4 kN

4.1 4.2 - LOCKING 4.3 - SHORT DESCENT

9 HAULING PULLEY MODE EXAMPLE OF USE

Example of use: self-ascending from a crevasse, crevasse rescue in case the alpinist is able to cooperate, crevasse rescue of an alpinist that is unable to cooperate.

9.3 9.5

5 HAULING PULLEY MODE INSTALLATION

Install correctly the device and connect it to the anchor point. Before the use check that the device operates correctly and the rope is in the right direction.

5.1 5.2 5.3 5.4 - CHECK 5.5 - OK! 5.6 - TESTING

6 HAULING PULLEY MODE INSTRUCTIONS FOR USE

The device allows the rope to slide in one way and locks in the opposite. Ideal for hauling loads or rescuing persons.

6.1 - HAULING 6.2 - HAULING 6.3 - LOCKING

7 SIMPLE PULLEY MODE INSTALLATION AND USE

To switch from hauling pulley mode to simple pulley mode, move the sheave position lever until it engages the pin. It works as a pulley.

7.1 7.2 7.3 7.4 7.5

SAFE WORKING LOAD
 5 kN
 2,5 kN 2,5 kN

BREAKING LOAD
 20 kN
 10 kN 10 kN

8 SLING ADJUSTMENT MODE INSTALLATION AND USE

In exceptional cases, the device can be employed for the length adjustment of a lanyard or a daisy chain, connected to the harness by means of a knot.

8.1 8.2 8.3

OK! Exceptional use, not to be used for the protection against falls from a height!

NO! Exceptional use, not to be used for the protection against falls from a height!

10

10.1 Anchor 10.2 Hand 10.3 Harness 10.4 Load

9.1 9.2 9.4 9.6

ENGLISH

The instructions for use for this device are made up of a general part and a specific part, and both must be read carefully before use. Attention! This sheet only contains the specific instructions.

SPECIFIC INSTRUCTIONS EN 567 / 12278.
 These user instructions include the necessary information for a correct use of pulley/rope clamp Rollnlock. This is a personal protective equipment (PPE) intended to be included in a fall protection system as, for example, harnesses and life lines.

0) FIELD OF APPLICATION.
 EN 12278:2007 - Mounting equipment: rope clamps. EN 12278:2007 - Mounting equipment: pulleys. Must be used with ropes (core + sheath) static or semi-static (EN 1891) 8 ≤ Ø ≤ 13 mm. Attention! In exceptional cases, you can use the device also with 10 + 16 mm webbing. Exceptional use, not to be used for the protection against falls from a height!

1) NOMENCLATURE OF PARTS (Fig. 2.1).
 A) Mobile side plate; B) Fixed side plate; C) Bushing; D) Connector hole; E) Locking cam; F) Sheave position lever; G) Pulley; H) Sheave position pin.

2) MARKINGS (Fig. 2.2-2.3). The following information are engraved on the device: 1) Pictogram showing the maximum load in kN, in pulley mode, that can be applied between the pulley and the expected connecting point. 2) 0333 - Number of the notified body responsible for the control of the manufacturing. 3) Number of the EN norms of reference: EN 567 - Rope clamps; EN 12278 - Pulleys. 4) Logo advising the user to carefully read the instruction manual before employing the device. 5) CE marking. 6) Correct way of opening. 7) Diameter range of the usable ropes. 8) Product model. 9) Name of the manufacturer or of the responsible for the introduction in the market. 10) Pictogram showing the maximum load in kN, in rope clamp mode, that can be applied between the pulley and the expected connecting point. 11) Batch number (0000). 12) Correct way of use. 13) UUA logo. 14) Serial number (AAAA-DDD-YY).

3) TRACEABILITY (Fig. 0). The device includes an individual serial number (AAAA-DDD-YY) composed by progressive number (AAAA), day of manufacture (DDD) and year of manufacture (YY).

4) CHECK LIST. Before each use verify, the cam rotates freely, without jamming and the spring of the cam snaps in the rope locking position; all teeth of the cam are present and without any sign of wear; the connector chosen for fitting the equipment works in a symmetrical manner (Fig. 12.3+12.5); the karabiner, placed in the device attachment hole, rotates freely; the karabiner locking system works properly; watch out for dirt, (ex. sand or mud); rope and locks do not show signs of corrosion, burns, wear, cuts or fraying yarns. During use, always verify the correct placement of the rope inside the device; the pulley and the rope must not lean against or get in touch with cutting edges and abrasive materials (Fig. 11-12); pay attention using iced, wet, muddy, dirty ropes and any foreign body which might prevent the good working of the locking cam on the rope; regularly check the good working conditions of the device comprising the correct placing of the other components included in the system; make sure the connectors are properly locked and the safety catch is closed; ensure the rope is always in tension to avoid possible free-falls; avoid having slack rope between the anchor and the attachment on the harness.

5) USER INSTRUCTIONS. The device is designed for use in various modes: **rope clamp mode** - ideal for ascending a rope (Fig. 3-4); **hauling pulley mode** - ideal for hauling loads or rescuing persons (e.g. bags of material, crevasse rescue) (Fig. 5-6-9); **simple pulley mode** - the rope runs freely in both directions (Fig. 7). The device has been designed to be used in weather conditions that can normally be withstood by humans (operating temperature range between -30°C and +40°C). For user safety, it is essential that the device or the anchor point are always positioned correctly and the work carried out in such a way as to minimize the risk of falling and the height of fall. The user must always be below the anchor point. The device must only be used with suitable ropes. Do not use on metal cables.

5.1 - Locking mode installation. Raise the mobile side plate and turn 180° to open it out (Fig. 3.1). Feed the rope through in the correct direction (Fig. 3.2), then turn the side plate to the closed position (Fig. 3.3). Attention! Check that the side plate couples perfectly with the bushing (Fig. 3.4). Insert the connector in the hole and connect it to the harness (Fig. 3.5). Check that the device operates correctly and the rope is in the right direction (Fig. 3.6). Attention! To move the rope, the operations from Fig. 3.1 to Fig. 3.5 must be carried out in the opposite order.

Use. This device slides freely upwards and locks in position. To ascend a rope, pull downwards parallel to the rope (Fig. 4-2). Be careful when approaching the anchor and/or friction points. In no case should the rope clamp be used when the potential fall factor is greater than 1 (Fig. 12.2), i.e. the user must stay at all time below the device and/or the anchor point (Fig. 12.1). Attention! A fall factor greater than 1 may cause the rope to break. Attention! In order to ascend on a vertical rope, Rollnlock must be used in combination with another rope clamp device connected to the harness. Attention! This device is not designed for use during descents but it can be used for short sections as follows: relieve the load from the device to partially open the cam (1), move the rope clamp down (2) and reapply the load (Fig. 4.3).

5.2 - Hauling pulley mode. Follow the instructions under point 5.1. Install, install, and connect the connector to the anchor point (refer to drawings 5.1-5.6). **Use.** The device connected to the anchor point allows the rope to slide in one direction (Fig. 6.1-6.2), and locks in the opposite direction (Fig. 6.3). With Rollnlock you can create a single rescue or rescue hoists. The images show some examples of use: self-ascending from a crevasse (Fig. 9.1-9.2); crevasse rescue in case the alpinist is able to cooperate (Fig. 9.3-9.4); crevasse rescue of an alpinist that is unable to cooperate, using one (Fig. 9.5-9.7) or two Rollnlock (Fig. 9.6).

5.3 - Simple pulley mode. If you wish to switch from hauling pulley mode to simple pulley mode, move the sheave position lever until it engages the pin "8" (Fig. 7.1-7.4). Attention! When doing this, hold the rope from the device with one hand. To shift from simple pulley to hauling pulley, release the lever from the pin (8). **Use.** With the cam locked in the open position, the device allows the rope to run freely in either direction (Fig. 7.5). Make sure the device works properly. Fig. 7.6: Safe working load. Fig. 7.7: Breaking load.

5.4 - Sling adjustment mode. Rollnlock can be employed for the length adjustment of a lanyard (Fig. 8.1) or a daisy chain (Fig. 8.2), connected to the harness by means of a knot. Attention! Exceptional use, not to be used for the protection against falls from a height. Attention! In case of use of a webbing loop, the free edge must be linked to a connector by means of a knot that prevents the sliding of the two parts of the loop (for ex. a clove hitch, etc.). Attention! To be used only with webbings having a width between 10 and 16 mm.

6) LEGEND Anchor (Fig. 10.1); Hand (Fig. 10.2); Harness (Fig. 10.3); Load (Fig. 10.4).

ITALIANO

Le istruzioni d'uso di questo dispositivo sono costituite da una parte generale e da una specifica, ed entrambe devono essere lette attentamente prima dell'utilizzo. Attenzione! Questo foglio riporta solo le istruzioni specifiche.

ISTRUZIONI SPECIFICHE EN 567 / 12278.
 Queste note contengono le informazioni necessarie per un utilizzo corretto della carrucola/bloccante Rollnlock. Essa è un dispositivo di protezione individuale (DPI) destinato ad essere integrato in sistemi di protezione contro le cadute, per esempio imbracature e funi.

0) CAMPO DI APPLICAZIONE. EN 12278:2007 - Attrezzatura per alpinismo: bloccanti. EN 12278:2007 - Attrezzatura per alpinismo: pulegge. Da utilizzare con: corde (anima + calza) statiche o semistatiche (EN 1891) o dinamiche (EN 892) 8+13 mm. Attenzione! In casi eccezionali è possibile utilizzare il dispositivo anche con fettucce da 10 a 16 mm. Utilizzo eccezionale, non utilizzare per la protezione contro le cadute dall'alto.

