

ROPE CLAMPS

EN Handled rope clamps / rope clamps
 IT Maniglie da risalita / bloccanti
 FR Bloqueurs poignée / bloqueurs
 DE Seilklemme mit Griff / Seilklemme
 ES Puño bloqueador / Bloqueador



MADE IN ITALY / PATENTED
 EN 12841:2006-B / EN 567:1997

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



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4 MARKING / NOMENCLATURE OF PARTS

4.1, 4.2, 4.3

5 PROPER DIRECTION OF USE MAX LOADS PERMITTED

5.1, 5.2

UP, 4 kN, 6,5 kN (max. rope Ø), 18 kN, 20 kN, 20 kN, 5 kN, 12 kN

13 ASCENDER - PRECAUTIONS OF USE

13.1, 13.2, 13.3, 13.4, 13.5, 13.6

OK!, DANGER

14 CHEST ASCENDER - PRECAUTIONS OF USE

14.1, 14.2, 14.3, 14.4, 14.5

OK!, DANGER

15 ASCENDER / HANDLED ASCENDER - OTHER USES

15.1, 15.2

ENGLISH

The instruction manual for this device consists of general and specific instructions, both must be carefully read and understood before use. **Attention!** This list shows the specific instruction only.

0) FIELD OF APPLICATION
 EN 12841:2006-B - Rope access system / rope adjustment device type B / working line ascender. Must be used with ropes (core + sheath) static or semi-static - EN 1891 type A 10 ≤ Ø ≤ 13 mm. EN 567:1997 - Mountaineering equipment: rope clamps. Must be used with ropes (core + sheath) static or semi-static (EN 1891) or dynamic (EN 892) 8 ≤ Ø ≤ 13 mm.

1) WARNINGS AND RESPONSIBILITIES. The rope clamps described here are personal protection equipment (PPE) intended to be included in a fall protection system as, for example, harnesses and life lines. Full body harnesses are the only mean of retaining for the body permitted in a fall arrest system. **Attention!** The use of this device is reserved only for qualified operators properly trained or for persons that are placed under the direct supervision of skilled and trained operators. Before performing work at heights, it is mandatory to prearrange a rescue plan to give immediate assistance to the operator in difficulty; inform the operator about the rescue plan. Moreover, it is recommended that PPE is supplied to the final user. In alternative, the PPE must be thoroughly checked, before and after each use, by a qualified and authorized inspector.

2) MARKING (Fig. 4). On the device are engraved the following information: CE marking; Name of the manufacturer or of the responsible for the admission in the market; Product model; 0333 - Number of the notified body responsible for the control of the manufacturing; Number, year and features of the relevant EN normative of reference (EN 12841:2006-B - Rope access system / Rope adjustment device type B / Working line ascender; ROPE Ø 10 ≤ Ø ≤ 13 - for use with static or semi-static ropes EN 1891 type A, Ø between 10 and 13 mm; 100 kg - Maximum work load permitted; EN 567:1997 - Rope clamps; ROPE Ø 10 ≤ Ø ≤ 13 or use with static or semi-static ropes (EN1891) or dynamic (EN892), Ø between 10 and 13 mm); Correct way of use (P); Logo advising the user to carefully read the instruction manual before employing the device; UAA logo; Country of manufacturing; Batch number (0000); Year of manufacture (last two figures of batch number); Possible serial number.

3) NOMENCLATURE OF PARTS (Fig. 4).
 A) Double upper slot; B) Locking cam; C) Opening/safety/leave release; D) Grip; E) Lower slot; F) Bracket attachment slot; G) Upper slot.

4) SAFETY CHECK LIST. Check carefully before each use; there are no signs of abrasion, cracks, corrosion; the cam rotates freely, without jamming and the spring of the cam snaps fit in the rope locking position; the cam teeth are present and show no signs of wear; the connector placed in the attachment slot is free to rotate unimpeded; the karabiners lock properly; no dirt on the device (ex. sand); check the rope for signs of abrasion, corrosion, fraying yarns and stitches or swages, are in good state; make sure there is enough space below the user at the work station to prevent him from colliding with the ground or other obstacles in the event of a fall. **During each use:** always verify the correct placement of the rope inside the device; pay attention using lead, 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; take great care to prevent the rope coming out when using it transversally on stretched ropes.

5) USER INSTRUCTIONS.
 This equipment is meant to be used in normal climatic conditions tolerated by human beings (operating temperature range between -29°C and +40°C). During the use, it is essential for your own safety, that the device and the anchor points are always correctly placed, and that the work is organized in such a way, to minimize the risk of a fall from a height. The anchor point must be always located at or above waist level to minimize the eventual free fall dis-

6 ASCENDER / HANDLED ASCENDER - INSTALLATION AND TESTING

6.1 - SETUP, 6.2, 6.3, 6.4 - OK!, 6.5 - CHECK, 6.6 - TESTING

7 ASCENDER / HANDLED ASCENDER - INSTRUCTIONS OF USE

7.1, 7.2 - LOCKING, 7.3 - NO!, 7.4, 7.5

STOP!, DANGER

8 ASCENDER / HANDLED ASCENDER - ATTENTION!

8.1, 8.2

DANGER

1 MODELS CHART

Product model	Weight
LEFT HANDLED ASCENDER	215 g
RIGHT HANDLED ASCENDER	215 g
CHEST ASCENDER	140 g
ASCENDER	150 g

9 CHEST ASCENDER - INSTALLATION AND TESTING

9.1 - SETUP, 9.2 - SETUP, 9.3 - SETUP, 9.4 - OK!, 9.5 - CHECK, 9.6 - TESTING

10 CHEST ASCENDER - INSTRUCTIONS OF USE

10.1 - ASCENDING, 10.2 - LOCKING, 10.3 SHORT ASCENDING

STOP!

2 ROPE COMPATIBILITY

	STANDARD EN 567:1997	ROPE EN 1891 / EN 892 Ø 8-13 mm
	STANDARD EN 12841:2006-B	ROPE EN 1891-A Ø 10-13 mm

11 PATENT - EASY RELEASE UNDER TENSION

11.1, 11.2, 11.3

DOWN

12 WARNINGS

12.1, 12.2

OK!, DANGER

3 LEGEND

3.1 - ANCHOR	3.2 - LOAD	3.3 - HARNESS
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16 ATTENTION!

16.1, 16.2, 16.3

Anchor point EN 795 min. 12 kN
 max 30°
 OK!, DANGER

17 ATTENTION!

Rope adjustment device: tipe B - ascender -
 working line
 safety line
 Rope adjustment device: tipe A - safety device -

DANGER

18 ASCENDING A ROPE SIMULTANEOUS SPELEO PROGRESSION

18.1, 18.2

handled ascender, chest ascender, foot ascender

19 ASCENDING A ROPE ALTERNATE SPELEO PROGRESSION

19.1, 19.2

handled ascender, chest ascender, foot ascender

