

CLIMBING HARNESSSES

EN Sit harness for climbing.
IT Imbracatura bassa per arrampicata.
FR Harnais cuissard pour l'escalade.
DE Kletterstizgurt.
ES Arnés de cintura para escalada.
PT Cadeirinha baixa para escalada.
SE Låg klättringssäte.
NO Sittesete for klatring.
FI Matalat kripellyvaljaat.
DK Siddesete til klatring.
NL Zitgordel voor klimmen.
SI Plezalni pas za alpinistično športno.
SK plezanje. Horolezecká sedačka.
TR Tırmanma alt koşumu.
CZ Sedací úvazek pro sportovní lezení.
CN 攀登坐式安全带。

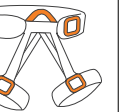
MADE IN EUROPE
EN 12277:2007 - TYPE C

i = G + S

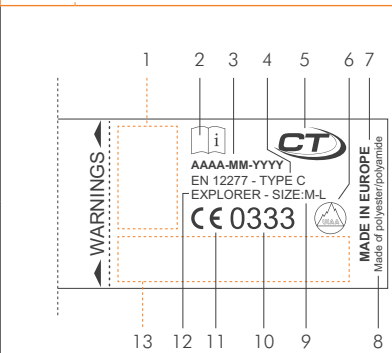
CT
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Central fax. +39 035 78 23 39
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89/686/CEE -
Personal Protective Equipment against falls from a height.

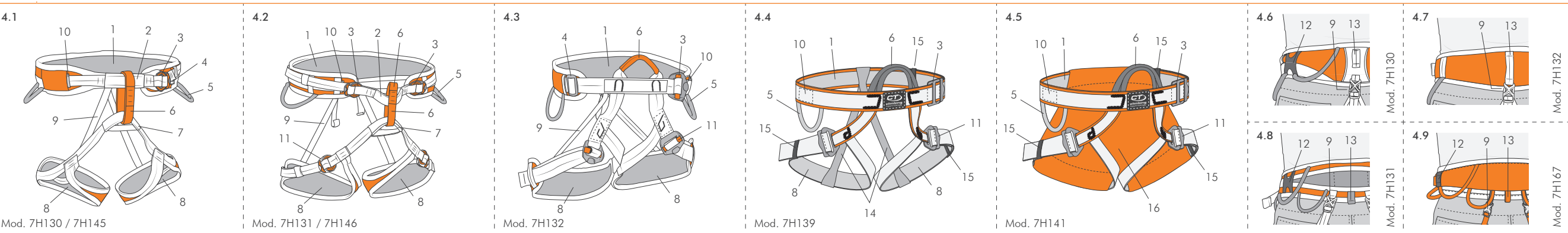
1 MODELS

ON-SIGHT	ASCENT WALL / ANTHEA	EXPLORER
7H130 / 7H145	7H131 / 7H146 7H147 / 7H167 7H148 / 7H168	7H132
		
DISCOVERY	PRO-CANYON	CANYONING PROTECTION
7H139	7H140	7H141
		

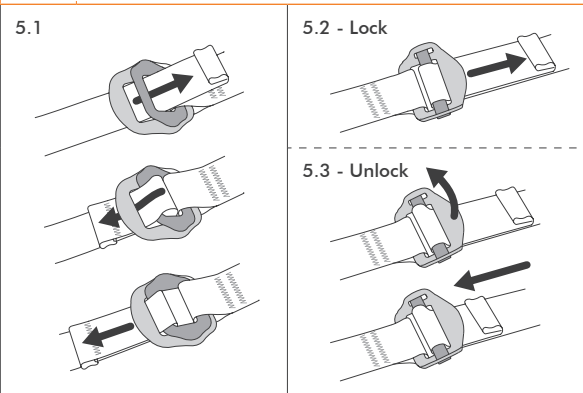
3 MARKING



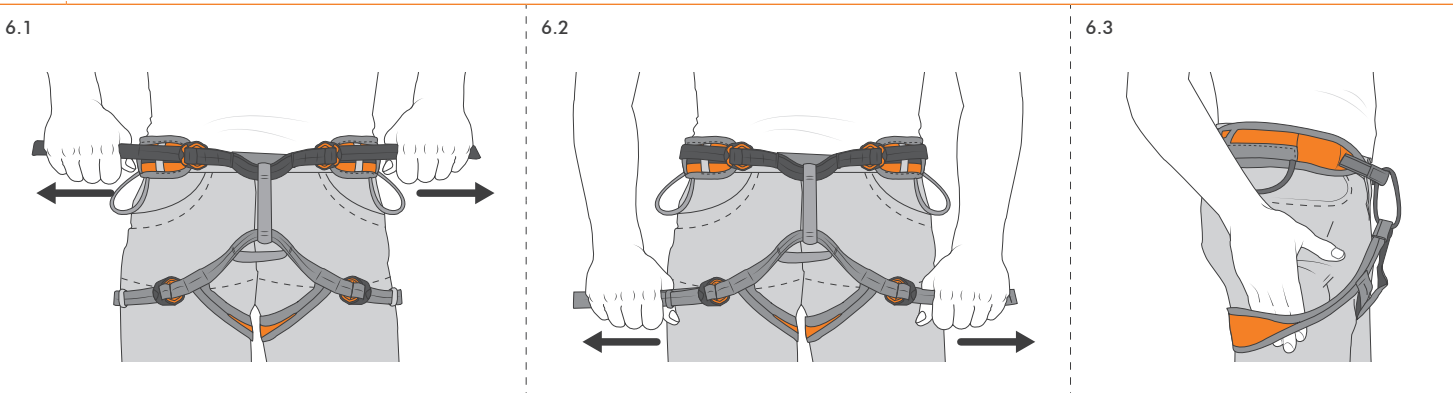
4 NOMENCLATURE OF PARTS



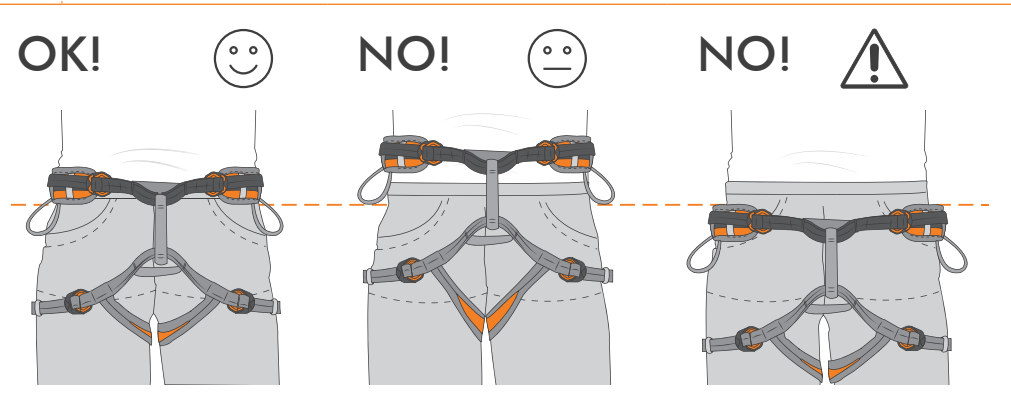
5 ADJUSTMENT BUCKLES



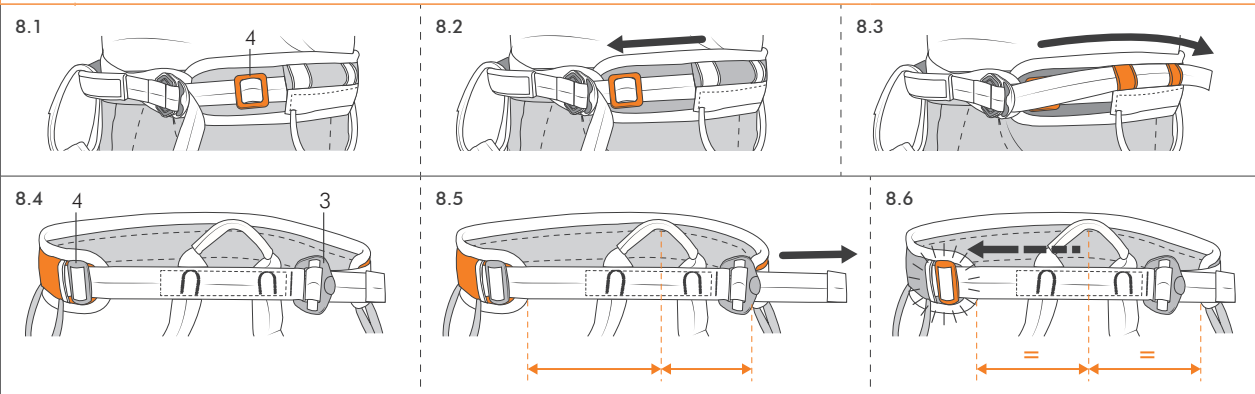
6 ADJUSTMENT OF THE HARNESS AND THE LEG LOOPS



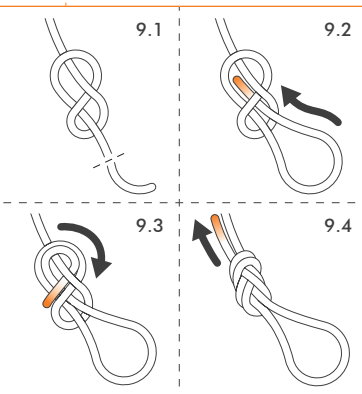
7 CORRECT POSITIONING OF THE HARNESS



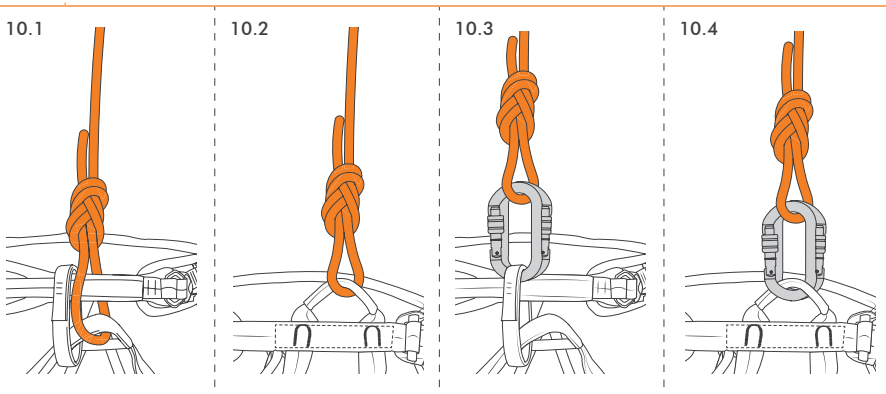
8 SRS SYSTEM (SIZE REGULATION SYSTEM)



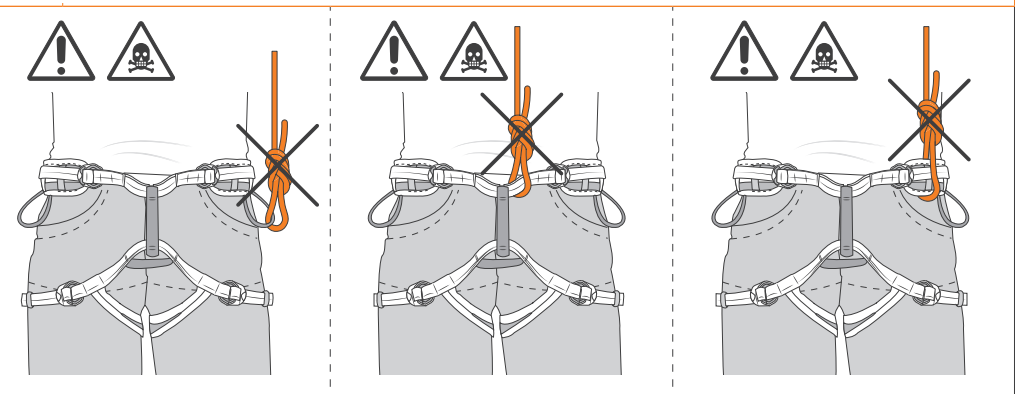
9 FIGURE OF HEIGHT



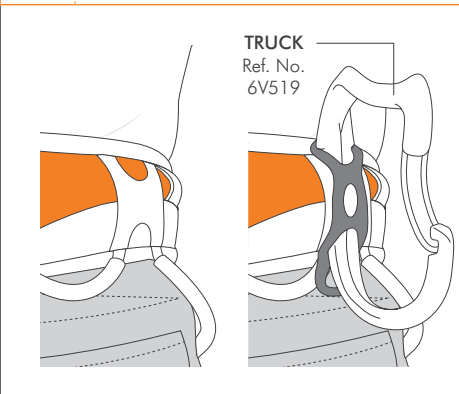
10 CONNECTING MODES



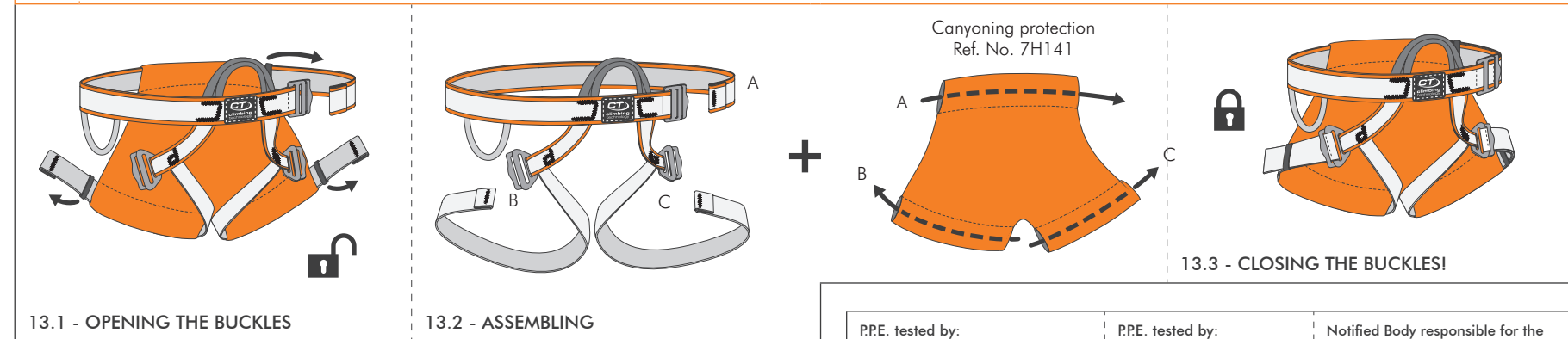
11 INCORRECT CONNECTING MODES



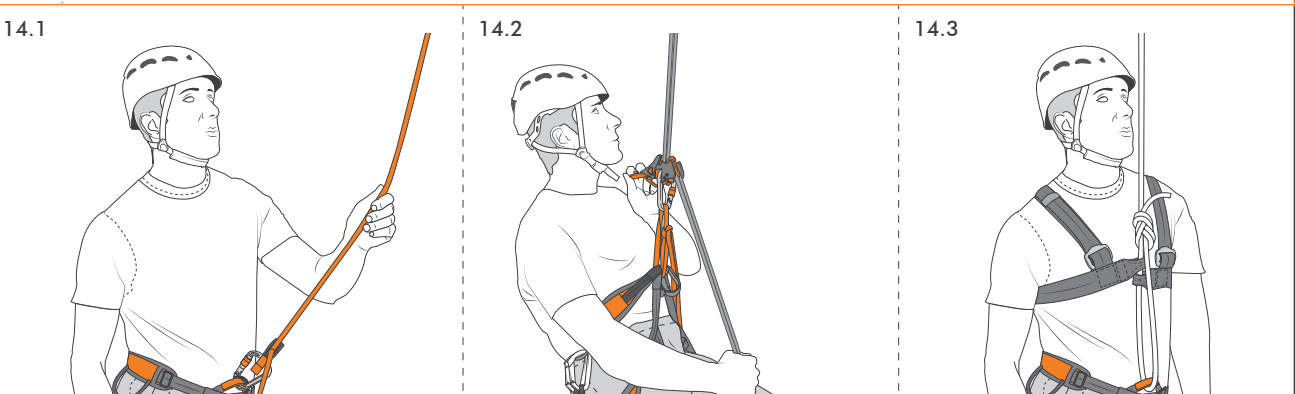
12 ACCESSORIES



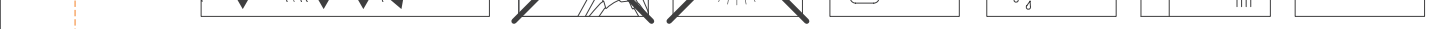
13 PRO-CANYON MODEL - REPLACEMENT OF "CANYONING PROTECTION"



14 CLIMBING TECHNIQUES



15



ENGLISH

The instruction manual for this device consists of general and specific instructions, both must be carefully read and understood before use. **Attention!** This leaflet shows the specific instruction only. **SPECIFIC INSTRUCTIONS EN 12277 - TYPE C.** These notes comprise all the necessary information for a correct use of the harnesses for mountaineering, including those for climbing purposes. They are personal protection equipment (PPE) intended to be included in a fall protection system as, for example, connectors and ropes. **Attention!** The use of this device is reserved only for qualified operators and trained operators.

0) FIELD OF APPLICATION. EN12277:2007 - Mountaineering equipment: harnesses. The norm applies to the complete harness (type A), to the small size harness (type B), to the sit harnesses (type C), and to the chest harnesses (type D).

1) NOMENCLATURE (Fig. 4): 1 - Belt; 2 - Belt loop; 3 - Belt adjustment buckle(s); 4 - SRS buckle for the size adjustment; 5 - Tool carrier loop; 6 - Belay loop; 7 - Loop; 8 - Leg loops; 9 - Leg loops elastic supports with clip; 10 - Label; 11 - Leg loops adjustment buckle(s); 12 - Fixing band for tool carrier connector; 13 - Rear loop for chalk bag; 14 - Removable elastic leg sustain straps; 15 - Removable elastic strap retainers; 16 - Anti-wear protection for canyoning.

2) MARKING. The following information are printed on the label (Fig. 2): 1) Pictogram showing the correct connecting methods. 2) Logo advising the user to carefully read the instruction manual before employing the device. 3) Serial number. 4) Number of the relevant EN normative of reference. 5) Name of the manufacturer or of the responsible for the immission in the market. 6) UIAA logo. 7) Country of manufacturing. 8) Building materials. 9) Size of the product. 10) 0333 - Number of the notified body responsible for the control of the manufacturing. 11) CE marking. 12) Product model. 13) Pictogram showing how to close and fix the adjustment buckles.

3) TRACEABILITY. Discovery and Pro-Canyon models (Fig. A): individual serial number (AAAA-MM-YY) composed by progressive number (AAAA), month (MM) and year of manufacture (YY). Other models: month (MM) and year of manufacture (YYYY).

4) SAFETY CHECK LIST. Check carefully before each use: webbing and stitchings do not present cuts, abrasions, burns or corrosion; the buckles don't present signs of wear, holes, corrosion or deformation. During each use, regularly check the good working conditions of the device comprising the correct placing of the other components included in the system; pay attention to humidity and ice conditions because they could jeopardize the resistance of the device. **Attention!** It is important to check regularly the buckles and/or the adjustment devices during the use. **Attention!** The performances of a device may decrease due to ageing or to a improper storage.

5) USER'S INSTRUCTIONS.

5.1 - Adjustment. Choose a harness with the suitable size (Fig. 2). Wear the harness so that the belt and the leg loops are positioned at the correct height (Fig. 7). Adjust the belt using the adjustment buckle(s) (Fig. 5), so that it fits perfectly to the body, without being too tight (Fig. 6.1). Adjust the leg loops using the adjustment buckles, if present, and the support elastics, so that one hand can pass between the leg loop and the user's leg (Fig. 6.2-6.3). **Attention!** Before use, it is necessary to carry out a hanging test in a safe environment. In order to ensure that the harness has the correct size, it owns the possibility of a suitable adjustment and an acceptable comfortability level for the intended use.

5.2 - SRS system (Size Regulation System). After wearing and adjusting the harness as indicated in paragraph 4.1 you can use the SRS system for an optimal adjustment of the size: • 7H130/7H145. Move the SRS buckle (4) towards the belay loop, so that the final part of the belt is stabilized (Fig. 8.1-8.2). Insert the exceeding webbing into the opposite strap retainers (Fig. 8.3). • 7H132. After adjusting the belt operating on the adjustment buckle (3) (Fig. 8.4-8.5), the belt might be not centred compared to the belay loop (Fig. 8.5). In order to optimise the positioning, slip the webbing of the belt inside the SRS buckle (Fig. 8.6).

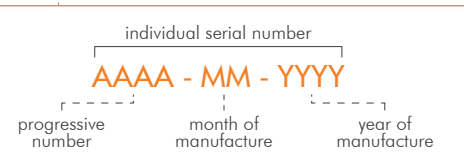
5.3 - Use. The harness must be only connected to the system through the attachment points intended for this use: single attachment point (belay loop - Fig. 10.2) or double at-

achment point (harness loop + loop - Fig. 10.1). For connecting the rope to the harness use a figure of 8 (Fig. 9) or two screw gate connectors having opposed gate (Fig. 10.3-10.4). **Attention!** Do not use different attachment points than the indicated ones (Fig. 11). **Attention!** Never use a tie-in method with only one connector, as it may come to be loaded in a wrong position across the gate. The harness of type C can be used combined with a chest harness of type D (Fig. 14.3). **Attention!** The use of a single harness of type D not coupled with a harness of type C can lead to risks of injuries.

5.4 - Techniques. The harness can be used in mountaineering activities, for the belay techniques (Fig. 14.2), Via Ferrata routes, etc. The Pro-canyon model has been specifically designed for canyoning. **Attention!** Before each use, pre-arrange a suitable rescue plan that could be executed in a safe and efficient way.

6) PRO-CANYON. The anti-wear protection present on the Pro-canyon model can be replaced with the opposite spare part Canyoning Protection (Ref. No. 7H141). For a correct replacement, kindly proceed as follows: pull the slings out of the belt and leg loops buckles (Fig. 13.1); remove the elastic strap retainers and the damaged wear-proof protection, and insert the webbings of the belt (A) and of the leg loops (B-C) into the corresponding loops (A-B-C) of the spare part (Fig. 13.2); put again in the elastic strap retainers, close the buckles as shown on Fig. 5.1 and insert the the exceeding webbing (Fig. 13.3). **Attention!** Before use, always check that the webbings do not present foldings and are correctly inserted into the buckles.

A TRACEABILITY



2 SIZE CHART

REF. No.	SIZE	A (cm)	B (cm)	Weight
Model: ON-SIGHT				
7H130AO	XS	65÷75	46÷50	270 g
7H145AO			46÷50	265 g
7H130BO	S	70÷80	50÷54	285 g
7H145BO			50÷54	280 g
7H130CO	M	75÷85	54÷58	300 g
7H145CO			54÷58	295 g
7H130DO	L	80÷90	58÷62	315 g
7H145DO			58÷62	310 g
7H130EO	XL	85÷95	62÷66	325 g
7H145EO			62÷66	320 g

Model: ASCENT				
7H146GO	XXS	50÷65	34÷45	350 g
7H131AB	XS-S	65÷80	50÷60	430 g
7H146AB			50÷60	410 g
7H131CD	M-L	75÷90	55÷65	450 g
7H146CD			55÷65	430 g
7H131DE	L-XL	85÷100	60÷70	480 g
7H146DE			60÷70	450 g

Model: WALL				
7H167AB	XS-S	65÷75	50÷60	355 g
7H147AB	XS-S	65÷80	45÷60	335 g
7H147CD	M-L	75÷90	50÷65	355 g
7H167CD	M-L	75÷90	55÷65	375 g
7H147DE	L-XL	85÷100	55÷70	375 g
7H167DE	L-XL	85÷100	60÷70	395 g

Model: ANTHEA (developed for woman)				
7H168AB	XS-S	60÷75	50÷60	345 g
7H148AB	XS-S	60÷75	45÷60	335 g
7H148CD	M-L	70÷85	50÷65	355 g
7H168CD	M-L	70÷90	55÷65	365 g
7H148DE	L-XL	80÷95	55÷70	375 g
7H168DE	L-XL	80÷100	60÷70	385 g

Model: EXPLORER				
7H132 BC	S-M	60÷80	50÷62	360 g
7H132 CD	M-L	75÷95	58÷70	375 g

Model: DISCOVERY				
7H139AF	UNI	65÷115	46÷76	350 g

Model: PRO-CANYON				
7H140AF	UNI	65÷115	46÷76	495 g



