



Kinisi

MAX / PRO / KEY / AIR

Sit Harness

EN 813:2024

EN 358:2018

INS-KINISI-G1-V001

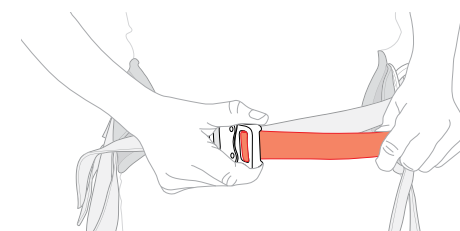
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- 1.1** Working at height and related activities are inherently dangerous. It is the responsibility of any person using this equipment to learn and practice the proper techniques for use of the equipment for its designated purposes and to foresee and 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 damage or injury which may result from the use of it. There is no substitute for instruction by a trained and competent person. This product shall only be used by a person trained and competent in its safe use.
- 1.2** No responsibility will be accepted by DMM for damage, injury or death resulting from misuse. If in doubt, contact DMM. The following instructions and pictograms show some of the common correct and incorrect methods of use; it is impossible to predict them all.
- 1.3** **IMPORTANT:** Please read and understand this information before use. Manufacturer's instructions shall be provided to users, in the language of the country where the equipment is being used. Please retain this information for future reference.
- 1.4** These instructions cover the use of the DMM Kinisi MAX, PRO KEY and AIR Sit Harness, conforming to EN 813:2024 and EN 358:2018. Sit harness and waist belt are approved for a maximum weight of 150kg (including user, tools and equipment). The purpose and intended use of this sit harness is for progression on rope and work positioning. Designed for the prevention of falls from a height when used in accordance with the standards and procedures described in these instructions. This product must not be used beyond its limits, nor be used for any purpose other than that for which it is designed e.g. do not use for fall arrest.
- 1.5** Red parts in the illustrations serve to emphasise the discussed elements and do not signify the actual color of the part. Refer to the example provided below.



Warning Symbols

2



Yes



No



Pay attention



Warning!
May result in
injury or damage
to product



Warning!
May result
in death

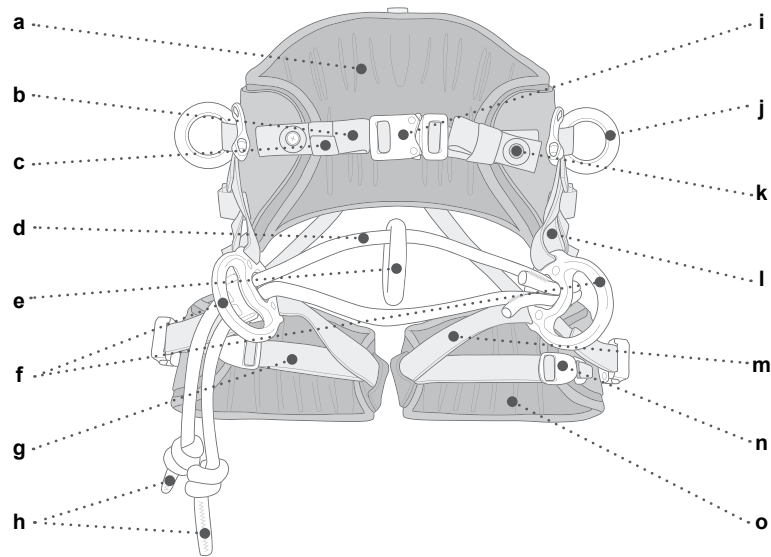


Warning!
Nyloc nuts must
be replaced with
a new Nyloc nut
if removed

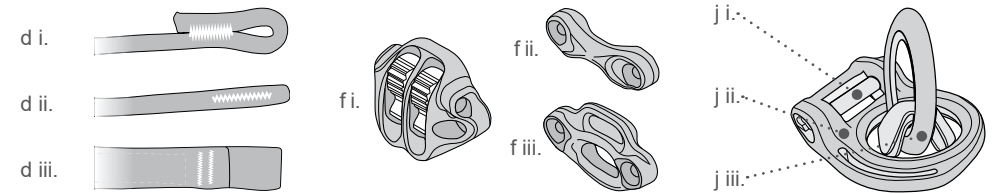
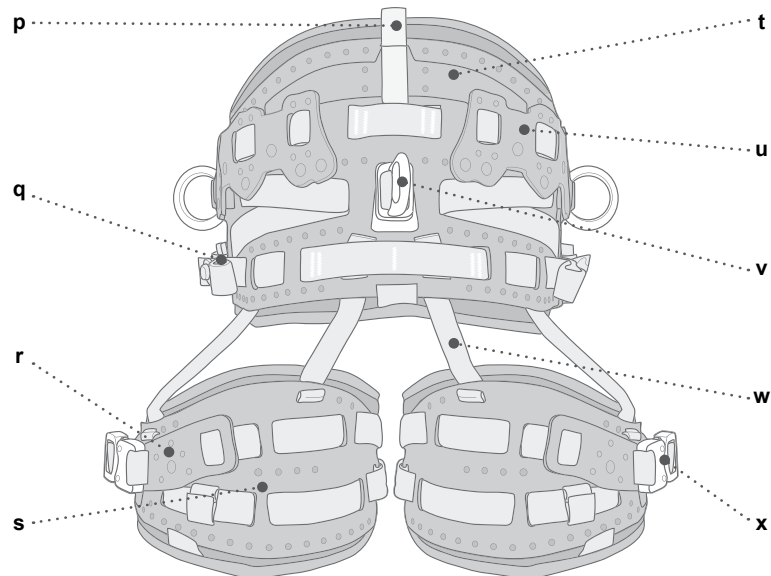


Warning!
Use torque
wrench

3.1 Front



3.2 Rear



	Part	Material
a	Waist Pad	Foam/Polyester
b	Waist Webbing	Polyester
c	Waist Elastic Keeper Loop	Elastic
d	Bridge	See d.i / d.ii / d.iii
d.i	Sewn Eye Rope	Dyneema/Polyester
d.ii	Sewn End Rope	Dyneema/Polyester
d.iii*	Sewn Eye Webbing	Polyester
e	Anchor Ring	Aluminium
f	Modular Forward D	Aluminium
f.i	Rope Adjuster	Aluminium
f.ii	Rope Bone	Aluminium
f.iii*	Knot Blocker	Aluminium
g	Leg Elastic	Elastic
h	Stiffener Tack	Polyester
i	Cobra Waist Buckle	Aluminium
j	Side Ring	See j.i / j.ii / j.iii
j.i	Lying Ring Axle	Stainless Steel

	Part	Material
j.ii	Lying Ring	Aluminium
j.iii	Side Ring	Aluminium
k	Webbing Stopper	Plastic
l	Riser Webbing	Polyester
m	Leg Webbing	Polyester
n	Plastic Hook Buckle and D-Ring	Plastic
o	Leg Pads	Foam/Polyester
p	Non PPE Upper Assembly Attachment	Polyester
q	Riser Buckle	Aluminium
r	Leg Gear Brackets	Plastic
s	Leg Loop	Plastic
t	Waist Belt	Plastic
u	Waist Gear Brackets	Plastic
v	Rear Restraint	Aluminium
w	Rear Elastic	Elastic
x	Cobra Leg Buckle	Aluminium

*Sold separately

Sizing - Kinisi Max 4

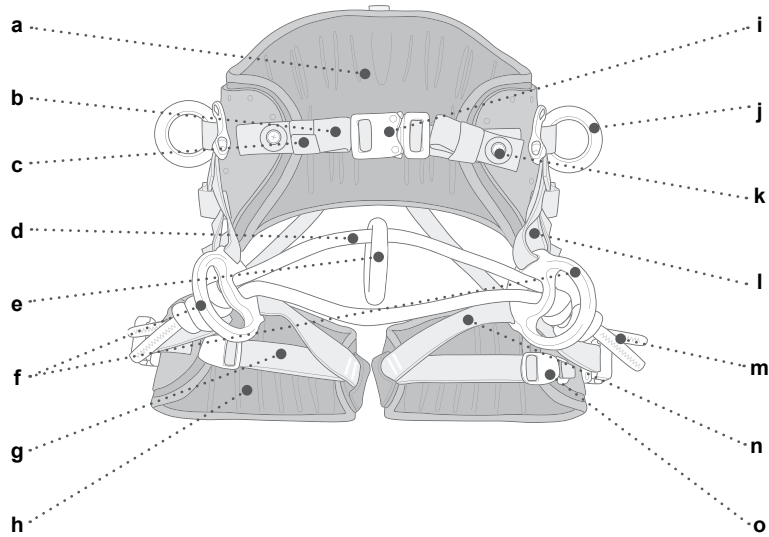
Stock Code	Size	Conformance	Waist (cm inches)**	Legs (cm inches)**	Max. Weight (kg lbs)*	Weight (kg lbs)
HC611	Small	EN 813:2024, EN 358:2018	65 - 83 25.6 - 32.7	44 - 59 17.3 - 23.2	150 330	2.4 5.3
HC612	Medium	EN 813:2024, EN 358:2018	75 - 102 29.5 - 40.1	47 - 63 18.5 - 24.8	150 330	2.8 6.2
HC613	Large	EN 813:2024, EN 358:2018	88 - 123 34.6 - 48.4	51 - 73 20.1 - 28.7	150 330	3.0 6.6

*Including user, tools and equipment.

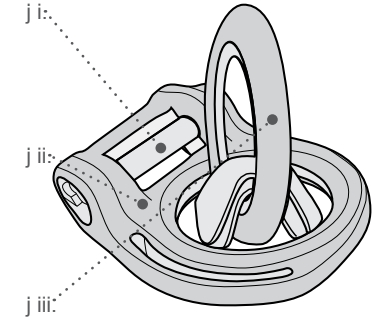
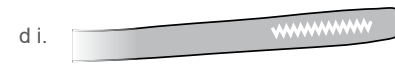
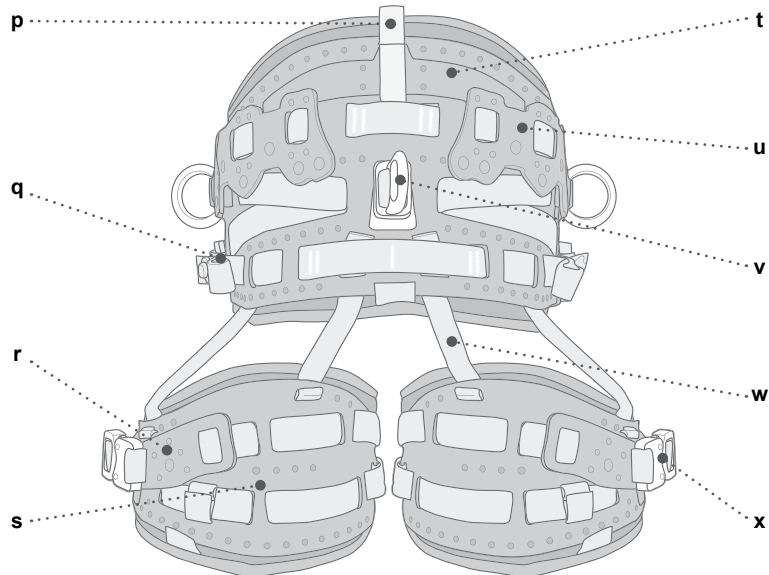
**The original manufacturing size is displayed in the table above. If a user alters the harness in accordance with Excess Webbing (section 28), sizes may differ.

5 Nomenclature - Kinisi Pro

5.1 Front



5.2 Rear



	Part	Material
a	Waist Pad	Foam/Polyester
b	Waist Webbing	Polyester
c	Waist Elastic Keeper Loop	Elastic
d	Bridge	See d.i
d.i	Sewn End Rope	Dyneema/ Polyester
e	Anchor Ring	Aluminium
f	Classic Forward D	Aluminium
g	Leg Elastic	Elastic
h	Leg Pads	Foam/Polyester
i	Cobra Waist Buckle	Aluminium
j	Side Ring	See j.i / j.ii / j.iii
j.i	Lying Ring Axle	Stainless Steel
j.ii	Lying Ring	Aluminium
j.iii	Side Ring	Aluminium
k	Webbing Stopper	Plastic
l	Riser Webbing	Polyester
m	Stiffener Tack	Polyester
n	Leg Webbing	Polyester

	Part	Material
o	Plastic Hook Buckle and D-Ring	Plastic
p	Non PPE Upper Assembly Attachment	Polyester
q	Riser Buckle	Aluminium
r	Leg Gear Brackets	Plastic
s	Leg Loop	Plastic
t	Waist Belt	Plastic
u	Waist Gear Brackets	Plastic
v	Rear Restraint	Aluminium
w	Rear Elastic	Elastic
x	Cobra Leg Buckle	Aluminium

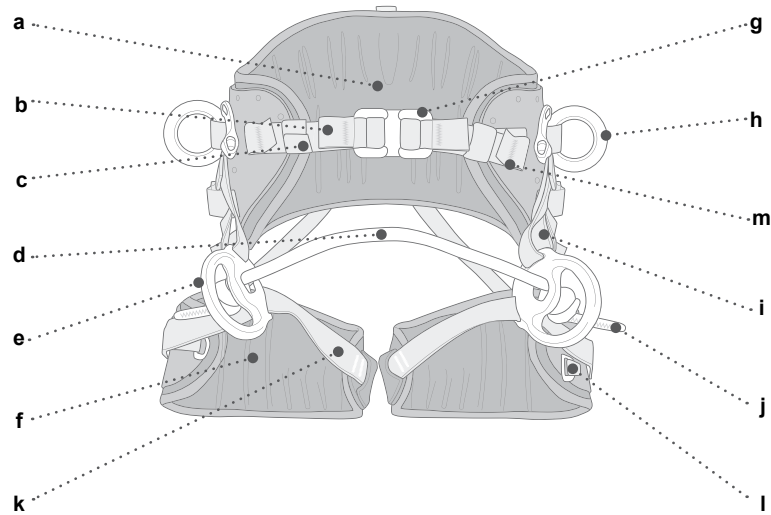
Sizing - Kinisi Pro 6

Stock Code	Size	Conformance	Waist (cm inches)**	Legs (cm inches)**	Max. Weight (kg lbs)*	Weight (kg lbs)
HC621	Small	EN 813:2024, EN 358:2018	65 - 83 25.6 - 32.7	44 - 59 17.3 - 23.2	150 330	2.2 4.9
HC622	Medium	EN 813:2024, EN 358:2018	75 - 102 29.5 - 40.1	47 - 63 18.5 - 24.8	150 330	2.6 5.7
HC623	Large	EN 813:2024, EN 358:2018	88 - 123 34.6 - 48.4	51 - 73 20.1 - 28.7	150 330	2.8 6.2

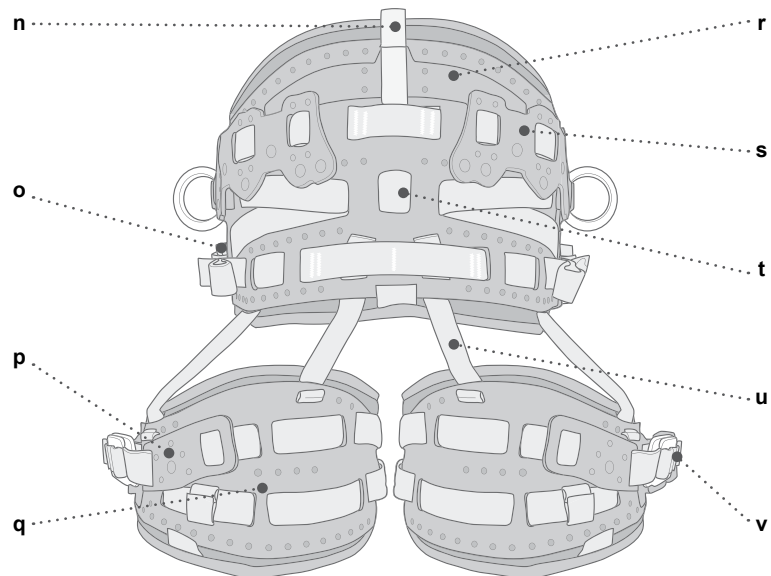
*Including user, tools and equipment.

**The original manufacturing size is displayed in the table above. If a user alters the harness in accordance with Excess Webbing (section 28), sizes may differ.

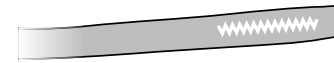
7.1 Front



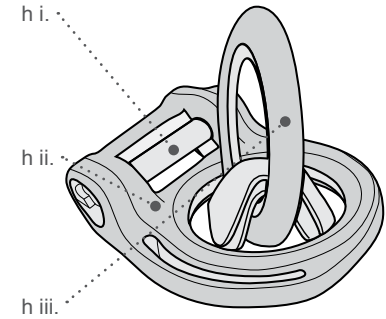
7.2 Rear



d i.



	Part	Material
a	Waist Pad	Foam/Polyester
b	Waist Webbing	Polyester
c	Waist Elastic Keeper Loop	Elastic
d	Bridge	See d.i
d.i	Sewn End Rope	Dyneema/ Polyester
e	Classic Forward D	Aluminium
f	Leg Pads	Foam/Polyester
g	Frame Waist Buckle	Aluminium
h	Side Ring	See j.i / j.ii / j.iii
h.i	Lying Ring Axle	Stainless Steel
h.ii	Lying Ring	Aluminium
h.iii	Side Ring	Aluminium
i	Riser Webbing	Polyester
j	Stiffener Tack	Polyester
k	Leg Webbing	Polyester



	Part	Material
l	Plastic D-Ring	Plastic
m	Webbing Fold	Polyester
n	Non PPE Upper Assembly Attachment	Polyester
o	Riser Buckle	Aluminium
p	Leg Gear Brackets	Plastic
q	Leg Loop	Plastic
r	Waist Belt	Plastic
s	Waist Gear Brackets	Plastic
t	Rear Restraint	Polyester
u	Rear Elastic	Elastic
v	Frame Leg Buckle	Aluminium

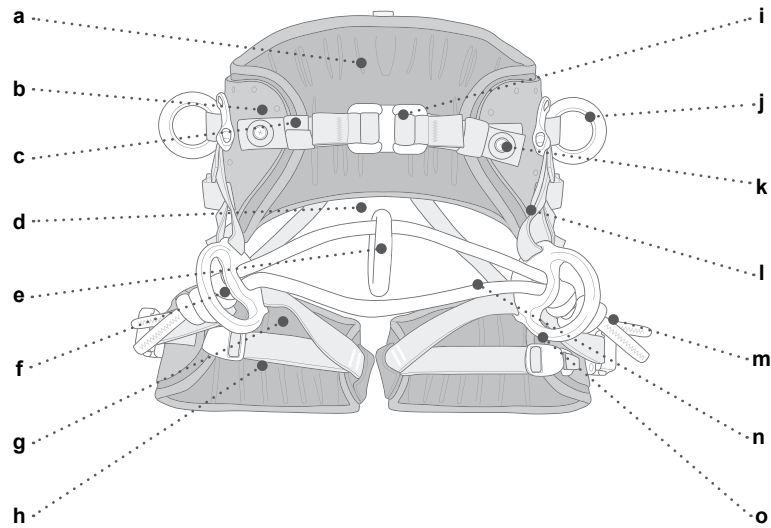
Sizing - Kinisi Key 8

Stock Code	Size	Conformance	Waist (cm inches)**	Legs (cm inches)**	Max. Weight (kg lbs)*	Weight (kg lbs)
HC671	Small	EN 813:2024, EN 358:2018	65 - 83 25.6 - 32.7	44 - 59 17.3 - 23.2	150 330	1.6 3.5
HC672	Medium	EN 813:2024, EN 358:2018	75 - 102 29.5 - 40.1	47 - 63 18.5 - 24.8	150 330	2.1 4.8
HC673	Large	EN 813:2024, EN 358:2018	88 - 123 34.6 - 48.4	51 - 73 20.1 - 28.7	150 330	2.3 5.1

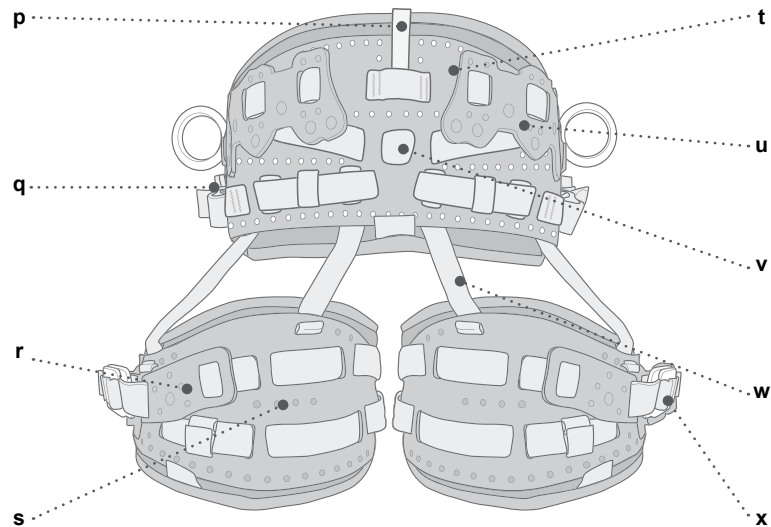
*Including user, tools and equipment.

**The original manufacturing size is displayed in the table above. If a user alters the harness in accordance with Excess Webbing (section 28), sizes may differ.

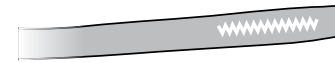
9.1 Front



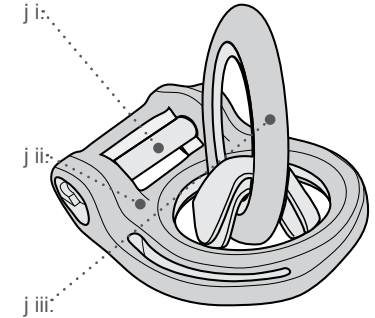
9.2 Rear



d i.



j i.



j ii.

j iii.

	Part	Material
a	Waist Pad	Foam/Polyester
b	Waist Webbing	Polyester
c	Waist Elastic Keeper Loop	Elastic
d	Bridge	See d.i
d.i	Sewn End Rope	Dyneema/ Polyester
e	Anchor Ring	Aluminium
f	Classic Forward D	Aluminium
g	Leg Elastic	Elastic
h	Leg Pads	Foam/Polyester
i	Frame Waist Buckle	Aluminium
j	Side Ring	See j.i / j.ii / j.iii
j.i	Lying Ring Axle	Stainless Steel
j.ii	Lying Ring	Aluminium
j.iii	Side Ring	Aluminium
k	Webbing Stopper	Plastic
l	Riser Webbing	Polyester
m	Stiffener Tack	Polyester
n	Leg Webbing	Polyester

	Part	Material
o	Plastic Hook Buckle and D-Ring	Plastic
p	Non PPE Upper Assembly Attachment	Polyester
q	Riser Buckle	Aluminium
r	Leg Gear Brackets	Plastic
s	Leg Loop	Plastic
t	Waist Belt	Plastic
u	Waist Gear Brackets	Plastic
v	Rear Restraint	Polyester
w	Rear Elastic	Elastic
x	Frame Leg Buckle	Aluminium

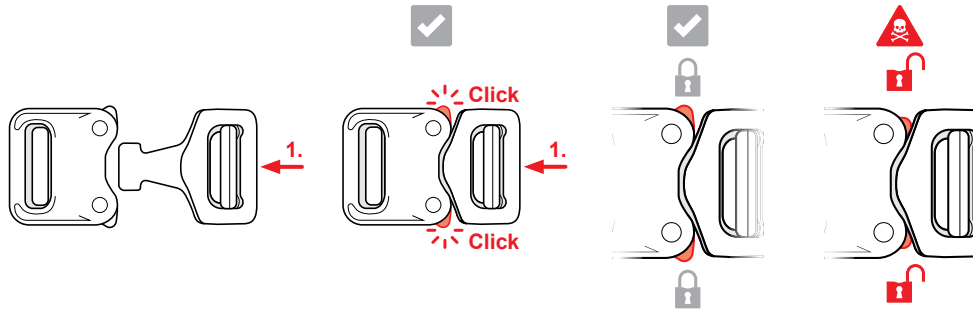
Sizing - Kinisi Air 10

Stock Code	Size	Conformance	Waist (cm inches)**	Legs (cm inches)**	Max. Weight (kg lbs)*	Weight (kg lbs)
HC662	Medium	EN 813:2024, EN 358:2018	75 - 102 29.5 - 40.1	47 - 63 18.5 - 24.8	150 330	2.7 5.9

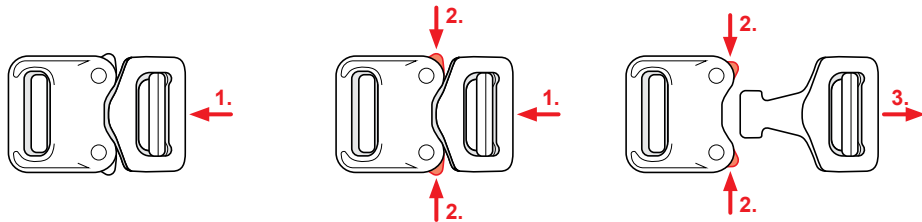
*Including user, tools and equipment.

**The original manufacturing size is displayed in the table above. If a user alters the harness in accordance with Excess Webbing (section 28), sizes may differ.

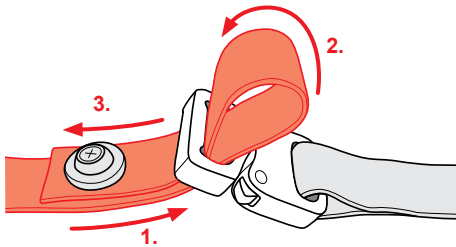
11.1 Close Waist Buckle and Leg Buckle.



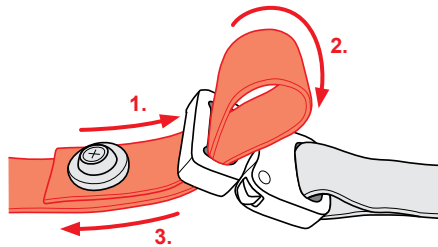
11.2 Open Waist Buckle and Leg Buckle.



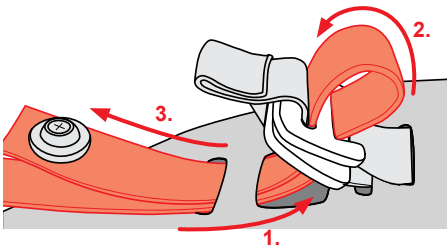
11.3 Tighten Waist Webbing and Leg Webbing.



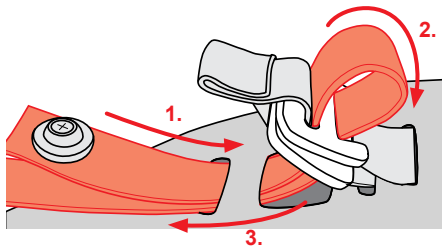
11.4 Loosen Waist Webbing and Leg Webbing.



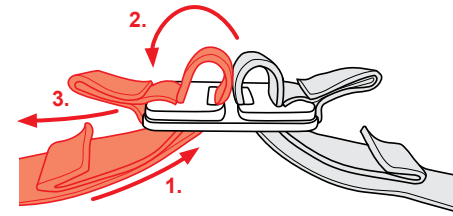
11.5 Shorten Riser Webbing.



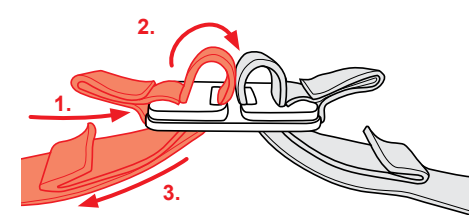
11.6 Lengthen Riser Webbing.



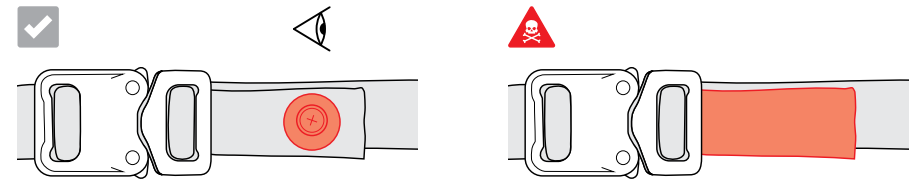
11.7 Tighten Waist Webbing.



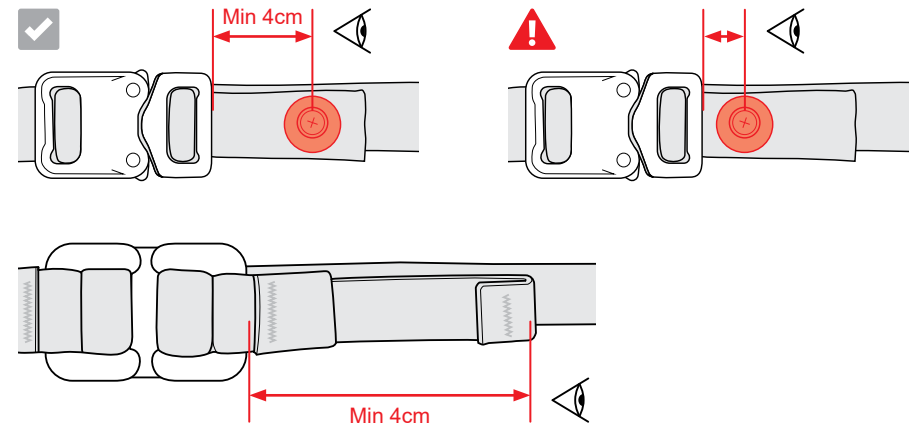
11.8 Loosen Waist Webbing.




11.9 Webbing Stopper or Turn Back must be present.

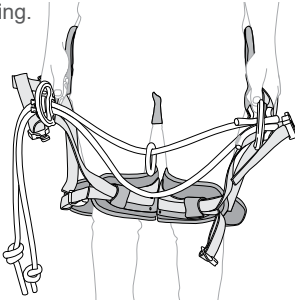


11.10 Webbing Stopper adjustments limits.

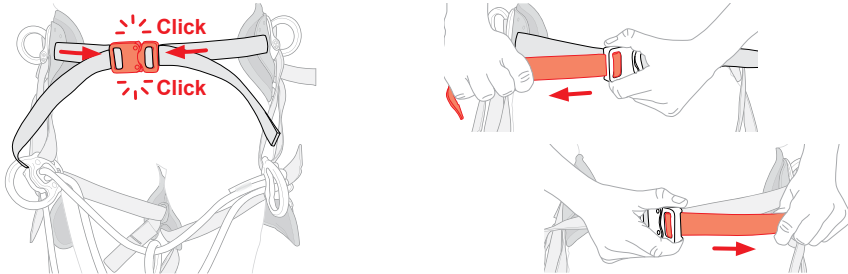


- 12.1**  Before first use the user must carry out a comfort and adjustability test in a safe place to ensure that the sit harness is the correct size, has sufficient adjustment and is of an acceptable comfort level for the intended use.

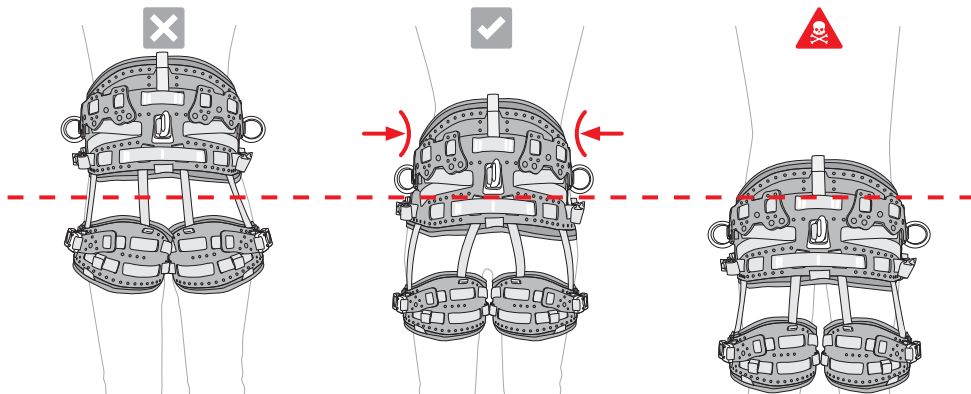
- 12.2** Fit the harness while standing.



- 12.3** Secure and tighten the Waist Belt Webbing.



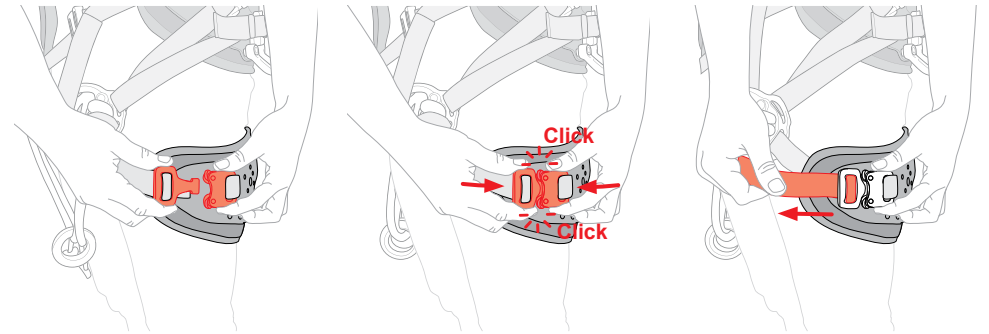
- 12.4** Ensure harness is positioned correctly. The waist belt shall not be able to slip down off the hips.



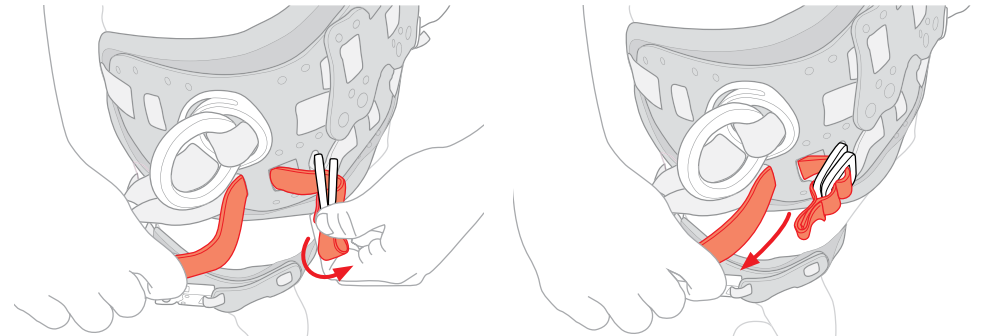
- 12.5** Leg Elastics can be used to ensure Leg Loops are tight enough to hold position while standing.



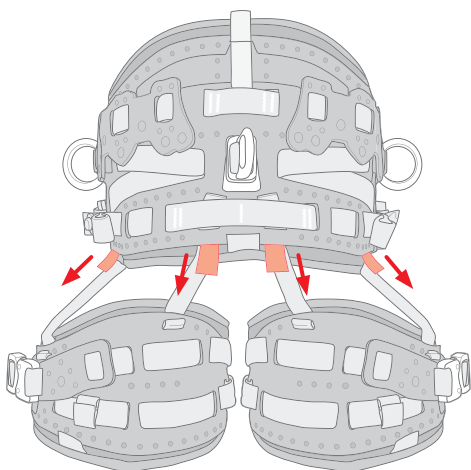
- 12.6** Secure Leg Buckles. Adjust Leg Webbing to desired length.



- 12.7** Adjust Riser Webbing to desired length.



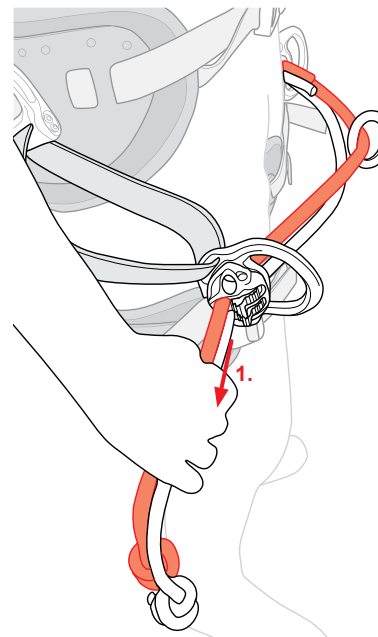
12.8 Adjust Rear Elastics.



12.9 Before use, a pre-climb harness checks must be carried out with the user suspended from the EN 813 attachment points (section 15) of the harness, with their equipment, at ground level to ensure:

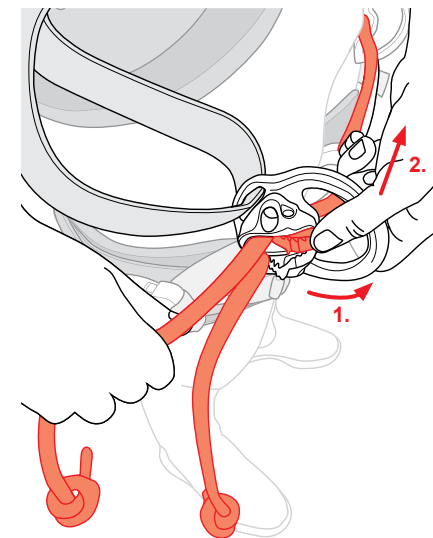
- Waist Buckle and Leg Buckles are securely fastened.
- Waist Belt and Leg Loops remain in the correct position when the user lifts their feet off the ground.

13.1 Shorten Bridge.

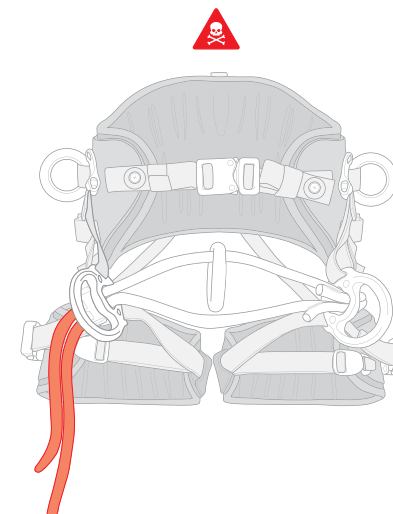
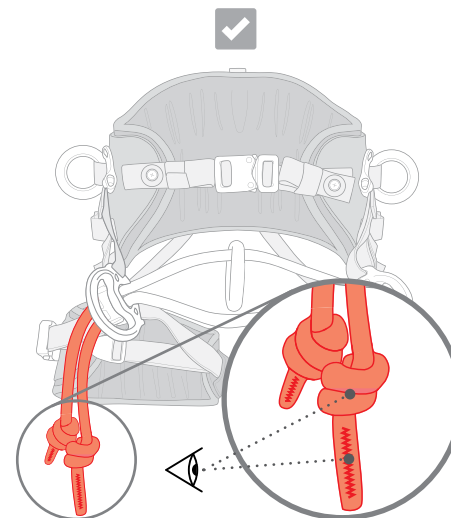


13.2 Lengthen Bridge.

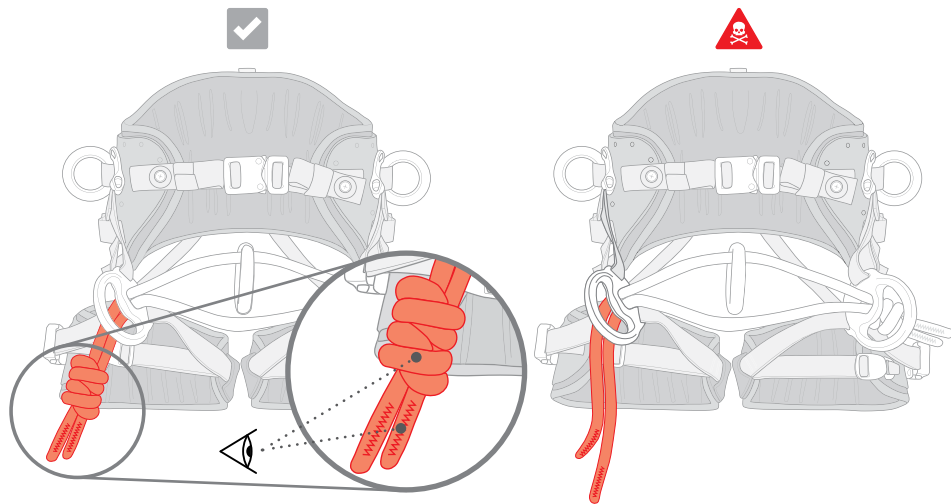
! When lengthening the bridge, ensure to remain in work positioning or restraint. Do not work in fall arrest.



13.3 Ensure Rope Bridge Tails are knotted as per guidance in Knots (section 36) and Stiffener Tacks are present.

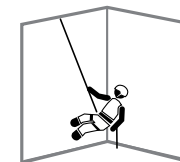


- 14.1** Ensure Rope Bridge Tails are knotted as per guidance in Knots (section 36) and Stiffener Tacks are present. Length of Bridge is determined by knot placement.

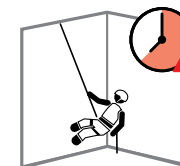


- 15.1** EN 813 - Attachments for work positioning including suspension.

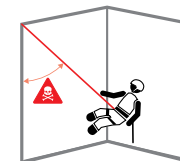
- 15.1.1** ✓ Wherever possible the anchor must be directly above the user. Anchor points and structural members (including trees) must be suitable and hold a load of at least 12kN. Where applicable anchor points must meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. anchor devices must comply with EN 795.



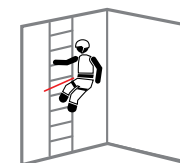
- 15.1.2** ⚠ Suspension trauma may cause severe injury and death. Avoid hanging unsupported in the harness for an extended period of time.



- 15.1.3** ⚠ Ensure user pendulum swings are minimised and manage the risk.

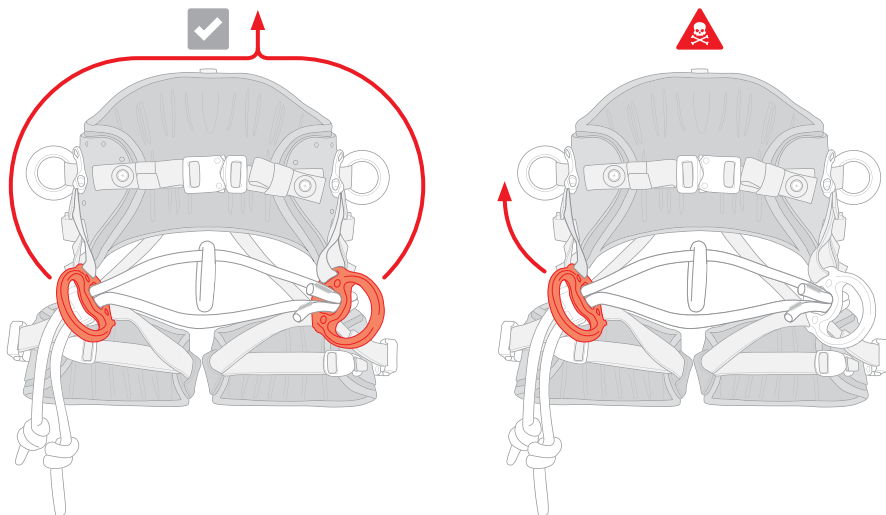


- 15.1.4** ⚠ Sit harness not to be used for fall arrest! A full body harness would be required for fall arrest.

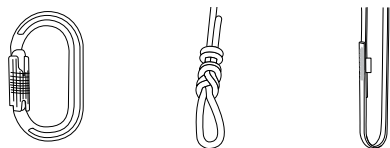


15.2 Forward Ds. For use in work positioning including suspension.

15.2.1 The two Forward Ds must always be attached simultaneously.



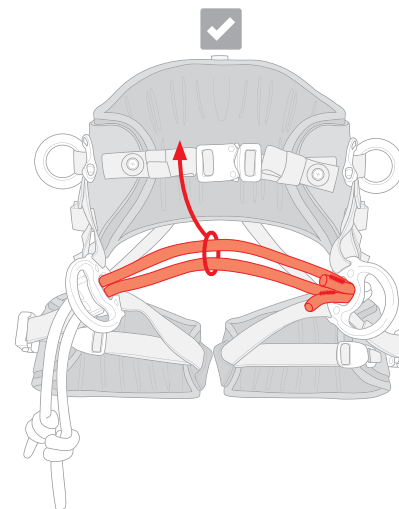
15.2.2 Example products which are compatible with Forward Ds.



Ensure that you comply with the instructions for any components that are used with this product. Where applicable ensure other components meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. Lanyards shall meet EN 354 or EN 358, connectors EN 362.

15.3 Rope Bridge(s). For use in work positioning including suspension.

15.3.1 Each Rope Bridge can be attached singly or in combination.



15.3.2 Example products which are compatible with Double Rope Bridges.

Visit: dmmwales.com/collections/kinisi-compatible-ppe



A327
Ultra O



R500-40
Anchor Ring



SW420
Compact Bow
Shackle

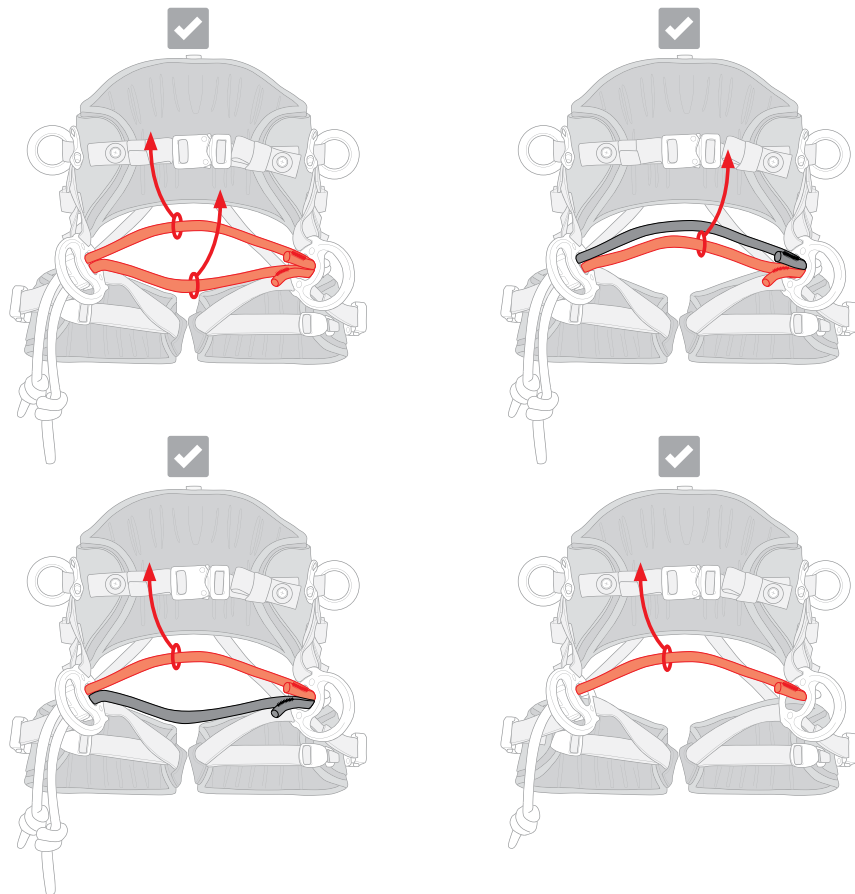


SW100
SW200
Axis Swivels



Ensure that you comply with the instructions for any components that are used with this product. Where applicable ensure other components meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. Lanyards shall meet EN 354 or EN 358, connectors EN 362.

15.3.3. The Rope Bridge can be attached singly.



15.3.4 Example products which are compatible with Single Rope Bridges.

Visit: dmmwales.com/collections/kinisi-compatible-ppeA327
Ultra OR500-40
Anchor RingSW420
Compact D
ShackleSW410
Compact Bow
ShacklePUL400
Rigger Pulley
with locking boltSW100
SW200
Axis Swivels

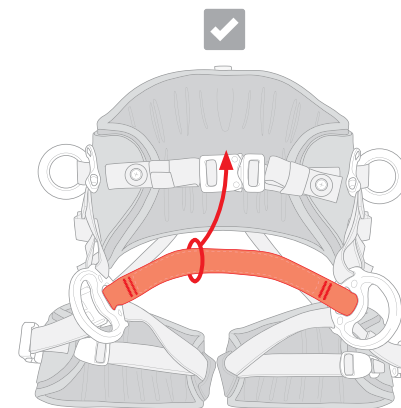
Ensure that you comply with the instructions for any components that are used with this product. Where applicable ensure other components meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. Lanyards shall meet EN 354, connectors EN 362.

15.3.5 Example products which are compatible with Rope Bridges.

Visit: dmmwales.com/collections/kinisi-compatible-ppeA327
Ultra OR500-40
Anchor RingSW420
Compact D
ShackleSW410
Compact Bow
ShacklePUL400
Rigger Pulley
with locking boltSW100
SW200
Axis Swivels

Ensure that you comply with the instructions for any components that are used with this product. Where applicable ensure other components meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. Lanyards shall meet EN 354, connectors EN 362.

15.4 Webbing Bridge. For use in work positioning including suspension.




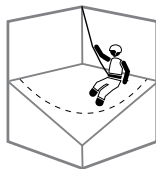
15.4.1 Example products which are compatible with Webbing Bridge.


Visit: dmmwales.com/collections/kinisi-compatible-ppeA347
American OR500-40
Anchor RingSW410
Compact Bow
ShackleSW100
SW200
Axis Swivels

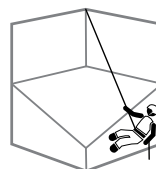
Ensure that you comply with the instructions for any components that are used with this product. Where applicable ensure other components meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. Lanyards shall meet EN 354, connectors EN 362.


16.1 Attachments for EN 358 - work positioning including suspension.

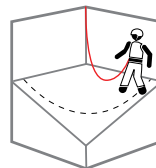
16.2  Work positioning enables a person to work supported by personal fall protection equipment in such a way that a free fall is prevented. It is essential for safety that the anchor point for work positioning must be located at or above the user's waist level. Anchor points and structural members (including trees) must be suitable and hold a load of at least 12kN. Where applicable anchor points must meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. anchor devices must comply with EN 795.



16.3  A waist belt should not be used if there is a foreseeable risk of the user becoming suspended or being exposed to unintended tension by the waist belt. A back up or fall arrest system may be required to supplement the equipment supporting the user for work positioning.



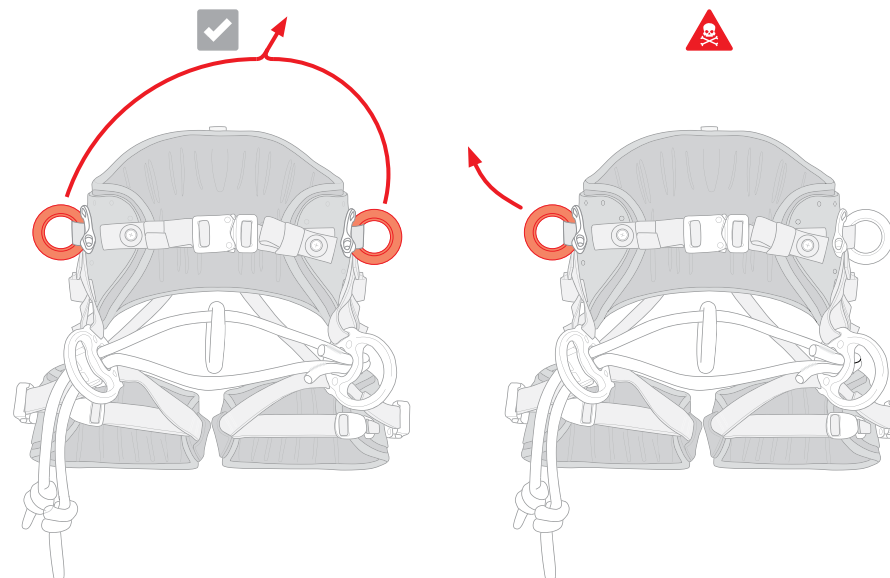
16.4  The lanyard / anchor device from the anchor point to the secured user should always be kept as taut as possible.



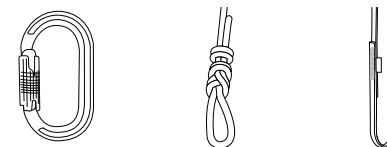
16.5 Side Rings. For use in work positioning including suspension.


Side rings can be used to help position if in suspension with an appropriate attachment see Work Positioning Including Suspension (section 15). Ensure not to work in suspension from the Side Rings.

16.6 The two Side Rings must always be attached simultaneously.




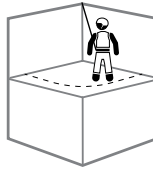
16.7 Example products which are compatible with Side Rings.




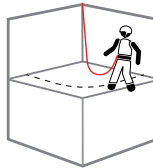
 Ensure that you comply with the instructions for any components that are used with this product. Where applicable ensure other components meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. Lanyards shall meet EN 354, connectors EN 362.


17.1 Attachment for EN 358 - restraint.

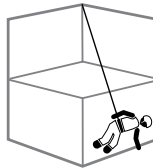
- 17.2  Restraint for preventing the user entering an area where there is a risk of falling. It is essential for safety that the anchor point for restraint must be located at or above the user's waist level. Anchor points and structural members (including trees) must be suitable and hold a load of at least 12kN. Where applicable anchor points must meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. anchor devices must comply with EN 795.



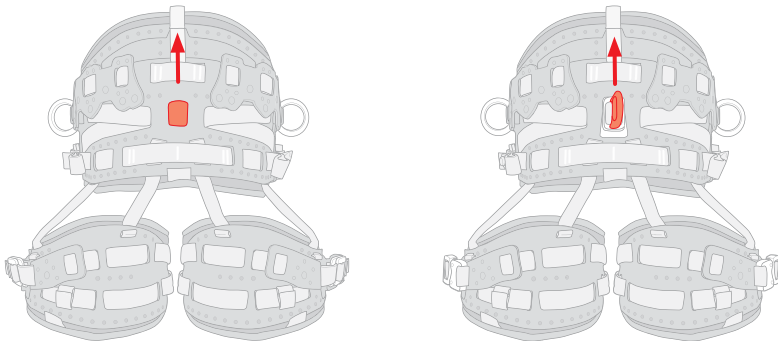
- 17.3  The lanyard / anchor device must prevent the user from reaching zones where the risk of a fall from height exists.



- 17.4  A waist belt should not be used if there is a foreseeable risk of the user becoming suspended or being exposed to unintended tension by the waist belt.



17.5 Rear Restraint. For restraint only! Not for work positioning or suspension.

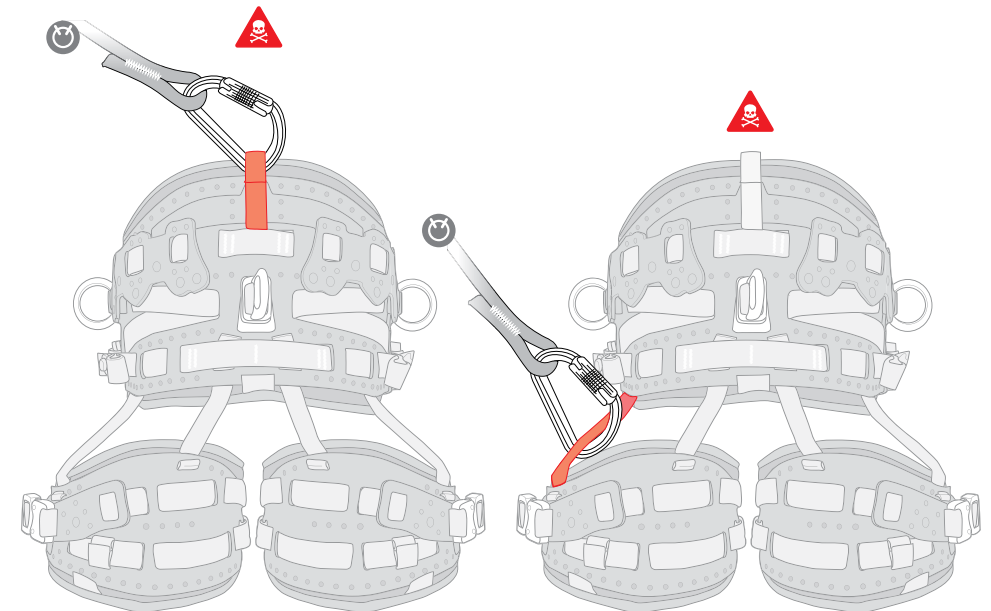
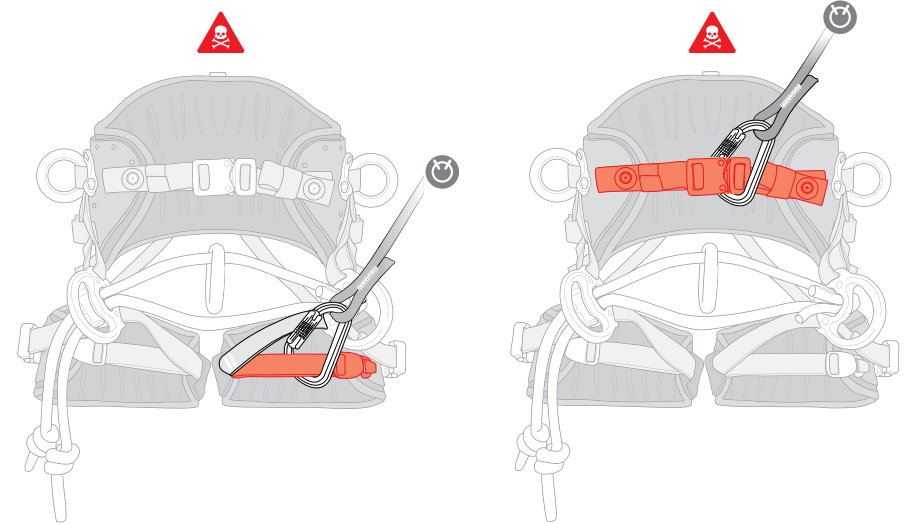


17.6 Example products which are compatible with Rear Restraint.




Ensure that you comply with the instructions for any components that are used with this product. Where applicable ensure other components meet the appropriate harmonised standards according to the regulation (EU) 2016/425 e.g. Lanyards shall meet EN 354, connectors EN 362.


18.1 Non exhaustive list of incorrect attachment.



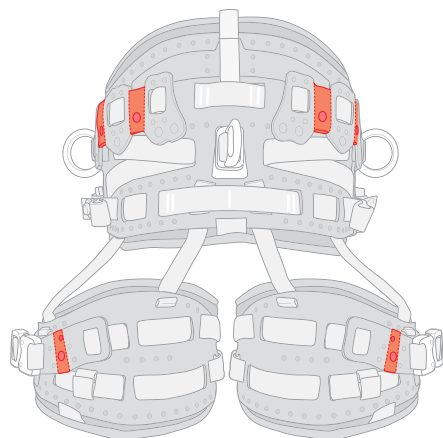
19 Non PPE Attachment

- 19.1**  Sit harness and waist belt are approved for a maximum weight of 150kg (including user, tools and equipment). Tools and equipment must not exceed a total of 30kg.

- 19.2** Gear Bracket. Not PPE. Not for use in work positioning, suspension or restraint.

-  Maximum 12kg weight per tool.
Maximum 13kg total weight per gear bracket.
Maximum load 12kg per attachment point.

- 19.2.1** Example products which are compatible with Gear Brackets.
Visit: dmmwales.com/collections/kinisi-compatible-accessories



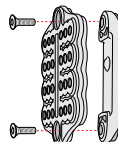
A771
Mega Vault



A558
Vault Wire Gate




A552
Vault Lock

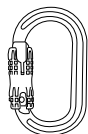
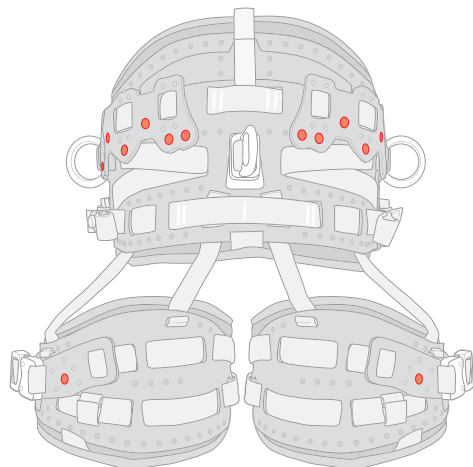


XSRE-PL
Parking Lot

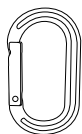
- 19.3** 10mm holes. Not PPE. Not for use in work positioning, suspension or restraint.

-  Maximum load 5kg per attachment point.

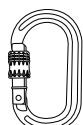
- 19.3.1** Example products which are compatible with 10mm holes.
Visit: dmmwales.com/collections/kinisi-compatible-accessories



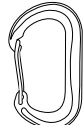
A537
XSRE Locksafe



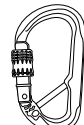
A531
XSRE



A532
XSRE Lock




A538
XSRE Wire

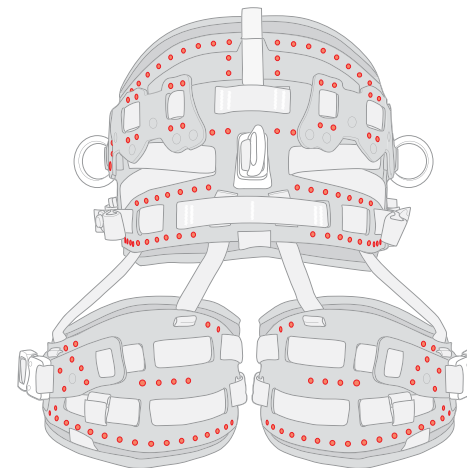


A482CB
XSRE Lock
Captive Bar

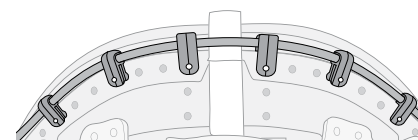
Non PPE Attachment 19

- 19.4** 5mm holes. Not PPE. Not for use in work positioning, suspension or restraint.

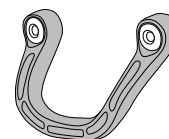
-  Maximum load 5kg per attachment point.



- 19.4.1** Examples of products which are compatible with 5mm holes.
Visit: dmmwales.com/collections/kinisi-compatible-accessories



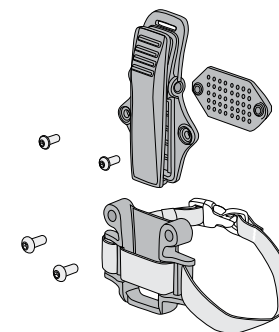
HC600T
Tendon



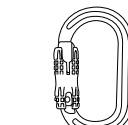
FGL-LARGE
Stowaway



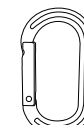
FGL-SMALL
Stowaway



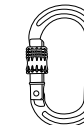
BC100
Caiman



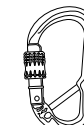
A537
XSRE Locksafe



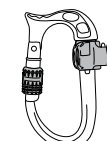
A531
XSRE



A532
XSRE Lock



A482CB
XSRE Lock
Captive Bar

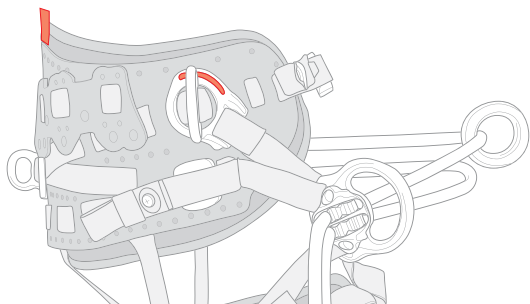


A692
Micro Vault

- 19.5** Non PPE upper assembly attachments. Not PPE. Not for use in work positioning, suspension or restraint.



Maximum load 10kg per attachment point.

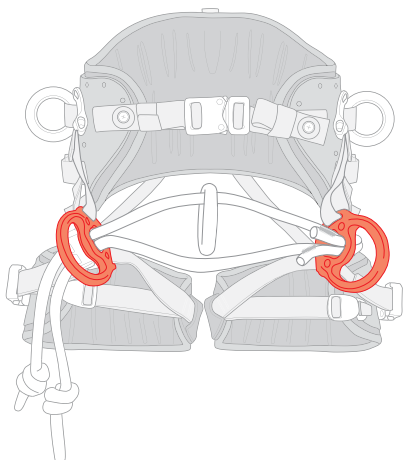


- 19.6** Bosun Seat Eye available on Modular Forward D only. Not PPE. Not for use in work positioning, suspension or restraint.



Maximum load 75kg per side (75+75 = 150kg).

- 19.6.1** Compatible product. Visit: dmmwales.com/collections/kinisi-compatible-accessories

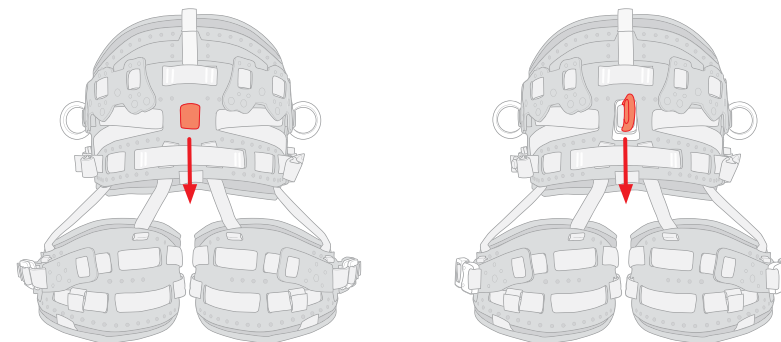


R270-KIT
Bosun Seat Eye

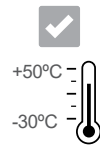
- 19.7** Rear Attachment. For restraint only. Not for work positioning or suspension. Suitable as non PPE for tools.



Maximum load 12kg. If using for a tool, use with an energy dissipation lanyard to limit max force to below 4kN.

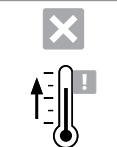
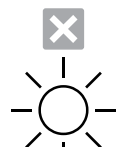
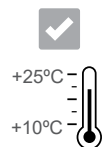


20.1 Operating Conditions



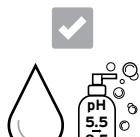
Avoid corrosive acids, bases, liquids, vapours, gases abrasive and/or sharp edges, water, or moisture. Be careful using the equipment around moving machinery and electrical hazards. This product is designed for use in normal climatic conditions (between -30°C and 50°C). Wet and icy conditions can reduce the strength of this product. If in any doubt contact DMM.

20.2 Storage and Transportation Conditions



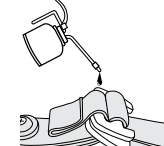
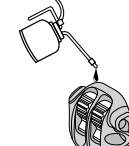
After any necessary cleaning and drying, store the harness, in a cool, dry, dark place in a chemically neutral environment away from excessive heat or heat sources, high humidity, sharp edges, corrosives, or other possible causes of damage. Do not store wet.

20.3 Cleaning and Disinfection



Clean after every use in a saline environment. Wash in 30°C clean domestic grade water with liquid soap (not any containing halogen) in the pH range 5.5 to 8.5 for 15 minutes. Rinse in clean water and dry naturally in a warm ventilated room away from direct heat. Never dry in an electric dryer or near radiators. It may be necessary to repeat the process to effectively clean and/or disinfect a product.

20.4 Lubrication



Lubrication of Rope Adjuster, Waist Buckle, and Leg Buckle(s) should be carried out after hardware components have been cleaned and allowed to dry. Lubricate the mechanism with a suitable lubricating oil. Apply oil sparingly and wipe any excess off with a clean cloth. Ensure that no oil gets on rope or webbing and do not apply any oil near where the rope or webbing may touch during use.

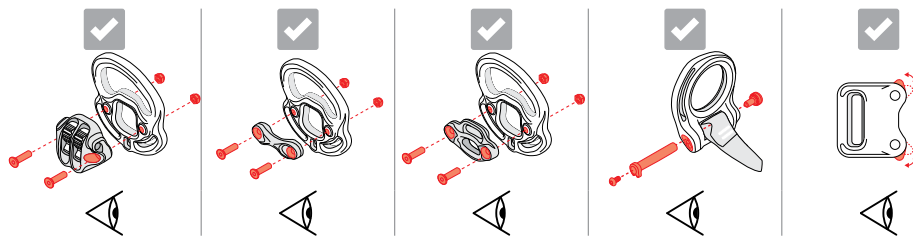
20.5 Maintenance and Servicing



This product must not be marked, modified or repaired by the user unless authorised by DMM, except for the modifications shown in Modification - Warning (section 25), and onwards. If in any doubt contact DMM. See Modification - Warning (section 25) for further information.

20.6 Inspection and Thorough Examination

We recommend an inspection by a competent person prior to being placed into service, before and after each use. We also recommend a thorough examination at least once every 6 months by a competent person (this may be the manufacturer).



Make certain any connection to a harness is checked before use.

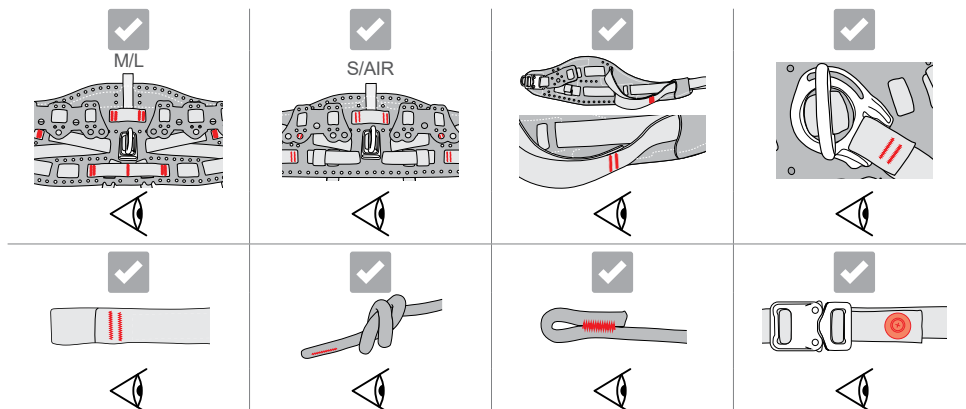
Regularly check fastening and adjustment elements during use. Cleaning and Disinfection (section 20.3) and Lubrication (section 20.4) may fix a dysfunctional mechanism.

Ensure all screws are present and secure.



Ensure there are no signs of corrosion of metal parts, marks arising from abrasion, marks arising from cuts or impact, deformation, cracks or sharp edges.

Ensure product markings are legible and all surfaces/parts both inside and outside have been thoroughly checked.



Check condition of all structural stitches, rope, webbing and terminations (especially areas where it passes through hardware). Check stoppers are present.

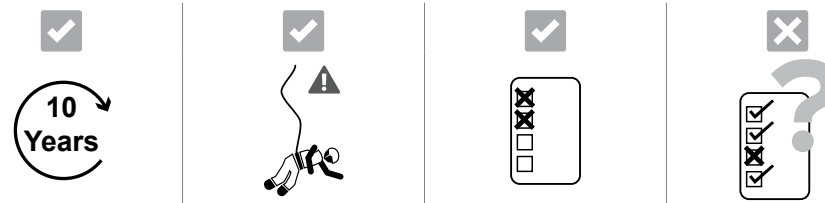
20.7 Quarantine

A product must be labelled in an obvious and unambiguous way and placed into quarantine so that it can not be used accidentally when:

- Not in accordance with Operating Conditions (section 20.1) or Storage and Transport Conditions (section 20.2).
- Marked, modified or repaired not in accordance with Maintenance and Servicing (section 20.5).
- It fails to pass Inspection and/or Thorough Examination (section 20.6).

A product may only be reintroduced into service upon thorough examination and written statement of approval by a competent person. If in doubt of the condition of the harness, contact DMM; do not use again unless DMM replies, in writing, that it may be returned to service.

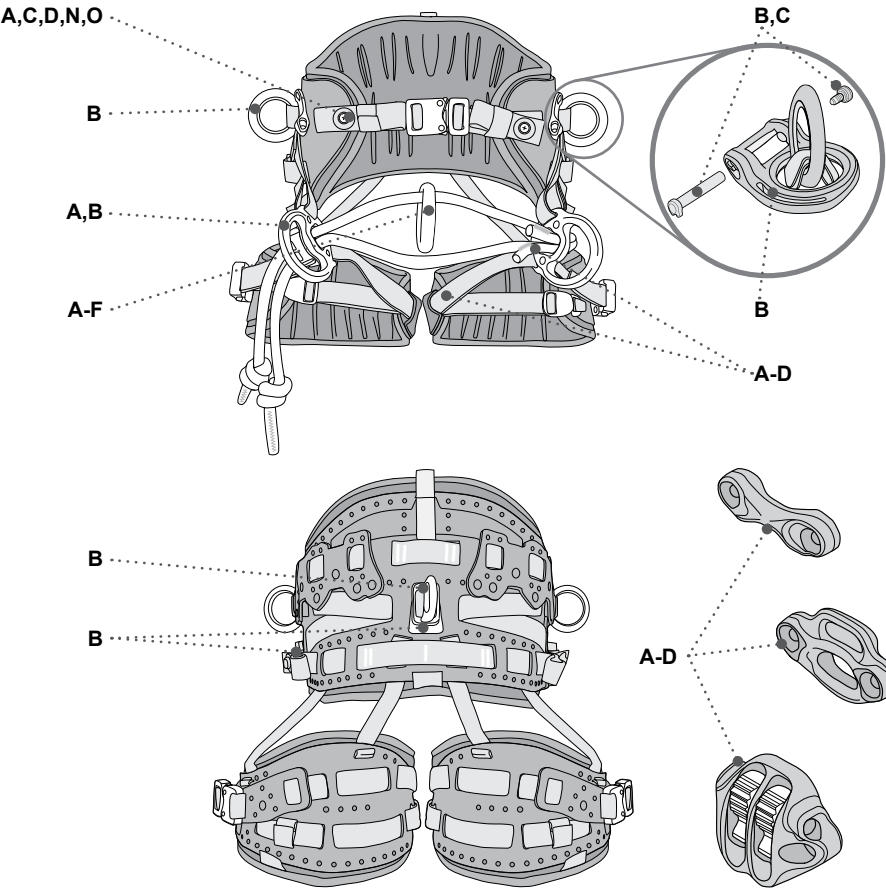
20.8 Lifespan and Obsolescence



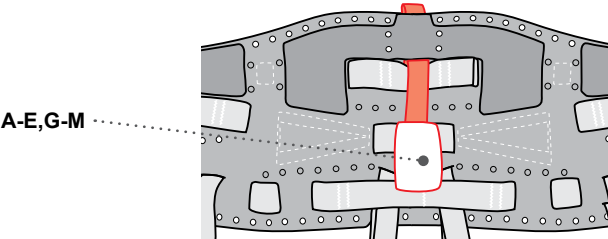
A product must be retired when:

- It is over 10 years from date of manufacture and made of plastic or textiles.
- It has been subjected to a major load or the forces of arresting a fall.
- It fails to pass a thorough examination after Quarantine (section 20.7).
- You do not know its full usage and/or storage history.
- It becomes obsolete due to changes in legislation, standards, technique or incompatibility with other equipment.

21.1 Reference table 14.3.



21.2 Inside Waist Belt.



21.3 Harness markings.

Ref	Marking	Information
A	DMM	Manufacturer – DMM International Ltd, Y Glyn, Llanberis, Gwynedd, Wales, UK, LL55 4EL
B	YRDAYXXXX#	Year/Day of manufacture and individual serial number
C	RXXX / HCXXX	Part code
D		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
E	CE 0598	CE mark and notified body number
F	XXkN	MBS
G	S / M / L	Harness size
H	Waist: XX- XXcm	Waist size range in cm
I	Legs: XX - XXcm	Leg size range in cm
J	Max. Load: 150kg	Maximum rated load (including user, tools, and equipment)
K	EN 813:2024, EN 358:2018	Standards to which the product conforms
L		Drawings to indicate how to operate buckles
M	Kinisi Max	Product name
N	XXXXXX	Batch Number
O		Plastic resin code
P		Date stamp

22.1 Component inspection and thorough examination record. Prior to use the user is obliged to complete the following information.

Manufacturer	DMM International Ltd
Product Name	
Place of purchase	
Serial Number	
Name Of User	
Purchase date	
Date of first use	
Personal issue item	
Notes	

22.2 Written inspection and thorough examination record reference. See table 15.3.

- **P** - Pre-use check
- **W** - Weekly inspection
- **T** - Thorough examination
- **E** - Exceptional circumstances

Note: Thorough examinations must be conducted by a competent person.

22.3 Written inspection and thorough examination record.

Name and signature of competent person															
Next inspection date															
Accept, correct or reject															
Findings and actions (defects, repairs, etc)															
Inspection Type (P, W, T or E)															
Date															

23 Type Examination

- 23.1** EU notified body for type examination and production process: No. 0598: SGS Fimko Ltd, Takomotie 8, FI-00380, Helsinki, Finland.
- 23.2** CE/EU Declaration of Conformity: dmmwales.com/EU-DoC

24 Guarantee

- 24.1** 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 usage, incorrect storage, poor maintenance, accidental damage, negligence, any modifications or alterations, corrosion, or for any usage for which the product was not designed.

Modification - Warning 25

- 25.1** The Bridges, and many other parts of the Kinisi Sit Harnesses, may be customised or replaced based on: user preference, regular replacement intervals, evidence of wear and tear, or due to failure at inspection, or thorough examination.
- 25.2** The following instructions and pictograms show the only modifications approved by DMM, as well as some of the common incorrect modifications; it is impossible to predict them all. Do not alter or add to the equipment in any other way without prior written consent from DMM.
- 25.3** No responsibility will be accepted by DMM for damage, injury or death resulting from incorrect assembly or modification. If in doubt, contact DMM. Any person modifying this equipment assumes all risks and full responsibility for all damages or injury which may result from incorrect assembly or modification. This product may only be modified by a competent person.
- 25.4** **IMPORTANT:** Please read and understand this information before modification.

26 Replace Elastic Keeper Loop

Product Code	Product Description	Small HC6#1	Medium HC6#2	Large HC6#3
HC600-02KIT	Kinisi Waist Elastic Keeper Loop	✓	✓	✓

- 26.1** Elastic Keeper Loop can be placed either side of the Waist Buckle to manage excess webbing. Leg Elastic Keeper Loop and Riser Elastic Keeper Loop are sewn in so can not be replaced.

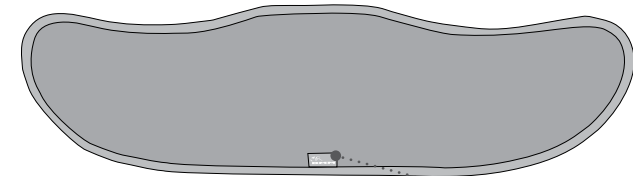


Replacement Pads 27

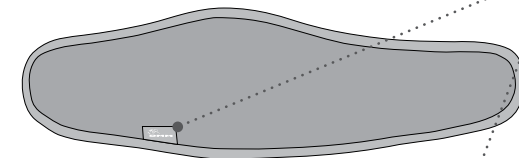
Product Code	Product Description	Small HC611 HC621 HC671	Medium HC612 HC622 HC672	Large HC613 HC623 HC673	Medium HC662
HC601-10	Kinisi Small Waist Pad	✓			
HC601-20-KIT	Kinisi Small Left & Right Leg Pad Kit	✓			
HC602-10	Kinisi Medium Waist Pad		✓		
HC602-20-KIT	Kinisi Medium Left & Right Leg Pad Kit		✓		✓
HC603-10	Kinisi Large Waist Pad			✓	
HC603-20-KIT	Kinisi Large Left & Right Leg Pad Kit			✓	
HC662-10	Kinisi Air Medium Waist Pad				✓

- 27.1** There are three pads that can be replaced: Waist Pad, Left Leg Pad and Right Leg Pad. They come in three sizes: small (light grey), medium (dark grey) and large (black). The size can be found on the sewn in label.

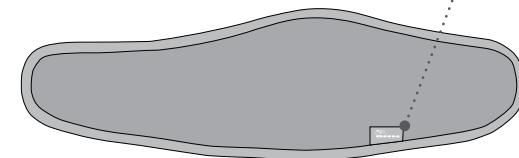
- 27.2** Waist Pad.




- 27.3** Left Leg Pad.



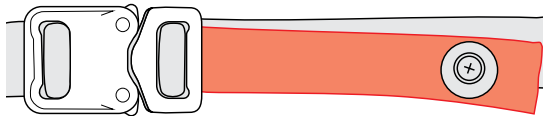
- 27.4** Right Leg Pad.



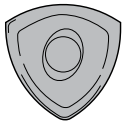
- 28.1**  Read section 25 - Modification - Warning before continuing! The following modifications may cause damage, injury or death.

Product Code	Product Description	Small HC6#1	Medium HC6#2	Large HC6#3
HC600WS-KIT	Kinisi Webbing Stopper Kit	✓	✓	✓

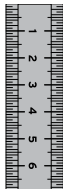
- 28.2** It is possible to permanently shorten excess webbing. This is possible on: Waist Webbing (non-replaceable), Riser Webbing and Leg Webbing. Cutting the excess webbing will reduce the adjustment range making the harness a personal issue item.



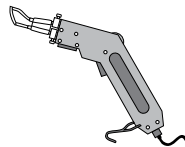
28.3 Tools



Tailor's chalk




Ruler



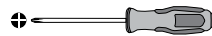
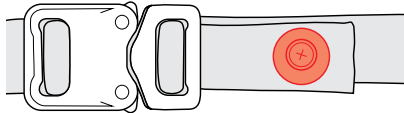
Hot knife



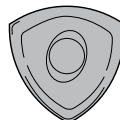
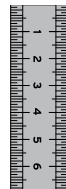
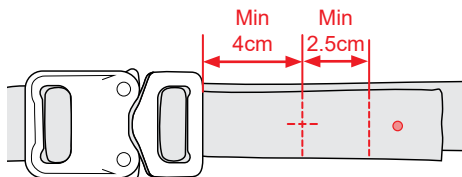
Crosshead screwdriver


- 28.4**  Follow guidance in Fitting (section 12) set the harness to the maximum desired size. Account for bulky clothing and allow for extra adjustment.

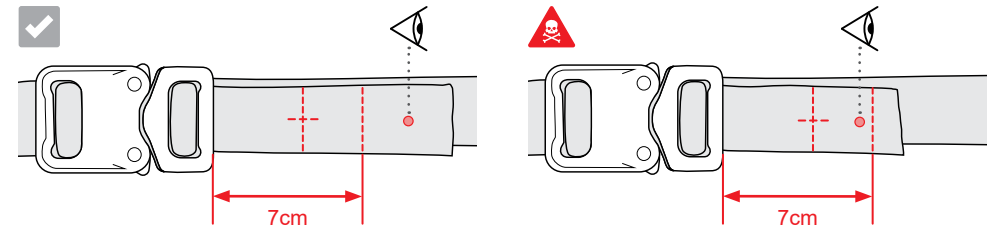
- 28.5** Remove the Webbing Stopper.




- 28.6** Mark with tailors chalk at a minimum of 4cm from the buckle, including a centre line to aid positioning. This is the proposed Webbing Stopper location. Mark with tailors chalk minimum of 2.5cm from the proposed Webbing Stopper location. This is the proposed cut line.



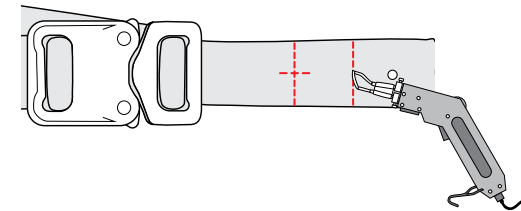
- 28.7**  The cut line must be on the buckle side of the current Webbing Stopper hole! If it is not, stop and re-connect the Webbing Stopper through the current Webbing Stopper hole.



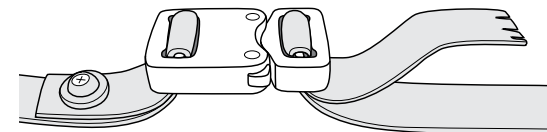
- 28.7**  Follow guidance in Fitting (12) before proceeding! If when the harness is fitted correctly, the proposed Webbing Stopper location does not conform with guidance in section 28.11, stop and reconnect webbing stopper through current webbing stopper hole.

- 28.8** Adjust the webbing to ensure you do not damage any other part of the harness with the hot knife.

- 28.9** Cut the webbing at the cut line with a hot knife. A hot knife is the only cutting method permitted.

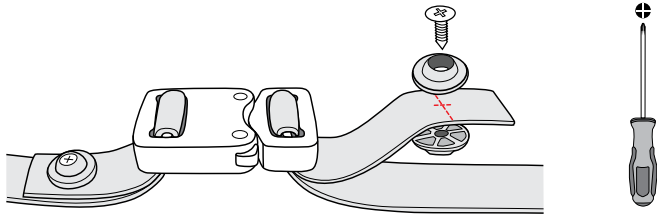


- Heat sealed webbing ends are a safety requirement. If the webbing has frayed or unsealed yarns then reapply heat cautiously to reseal.

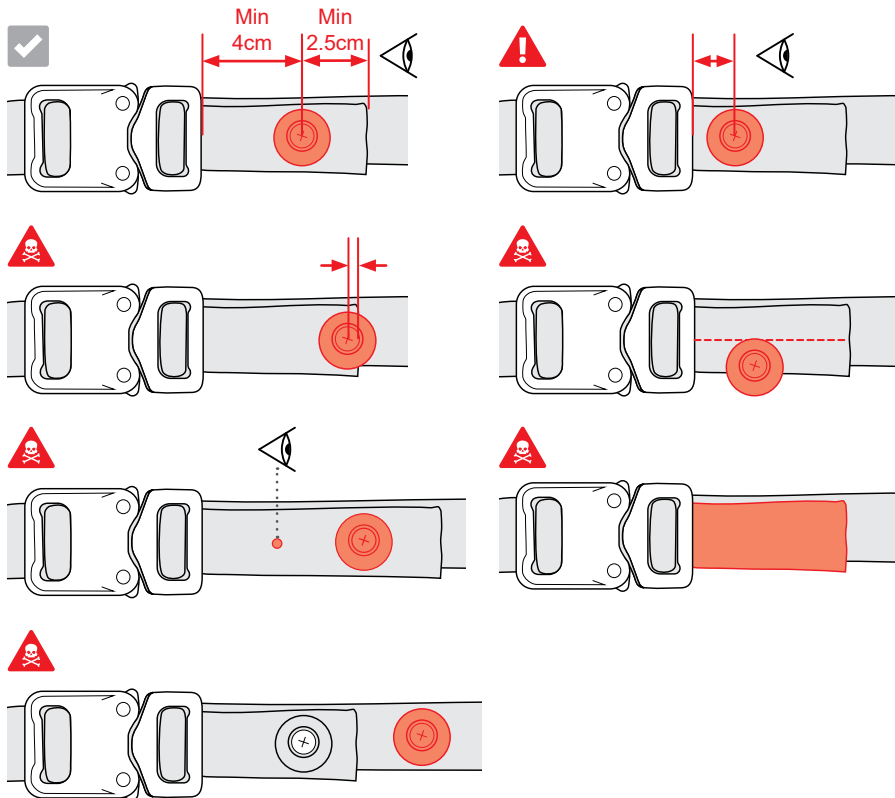


28 Excess Webbing

- 28.10** Using a crosshead screwdriver, screw the Webbing Stopper at the proposed Webbing Stopper location on centreline of the webbing.

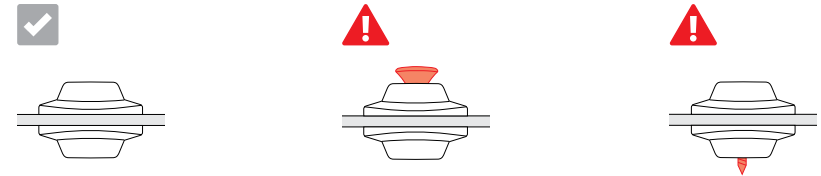


- 28.11** Inspect Webbing Stopper is present and within adjustments limits. Don't put webbing stoppers anywhere other than the adjustment end of the webbing.

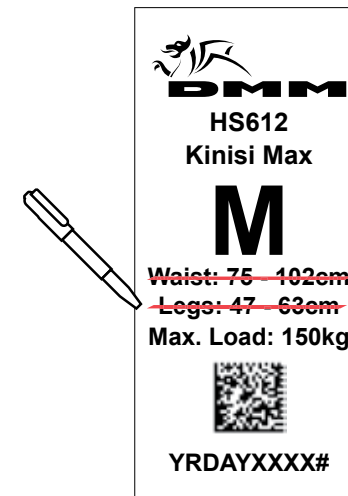


Excess Webbing 28

- 28.12** Ensure screw head is flush with the webbing stopper and does not protrude out of webbing stopper.




- 28.13** Modify label by scoring out the sizing with an indelible marker pen.



- 28.14** Record that the harness is for personal issue only in the Inspection and Examination Record (section 22.1).


Replace Waist Buckles 29

Product Code	Product Description	Small HC6#1	Medium HC6#2	Large HC6#3
HC600-80-KIT	Kinisi Waist Cobra Buckle Kit	✓	✓	✓
HC600-14-KIT	Kinisi Waist Frame Buckle Kit	✓	✓	✓

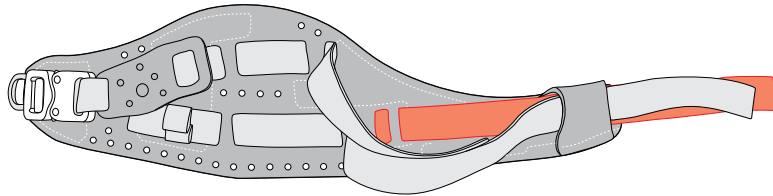
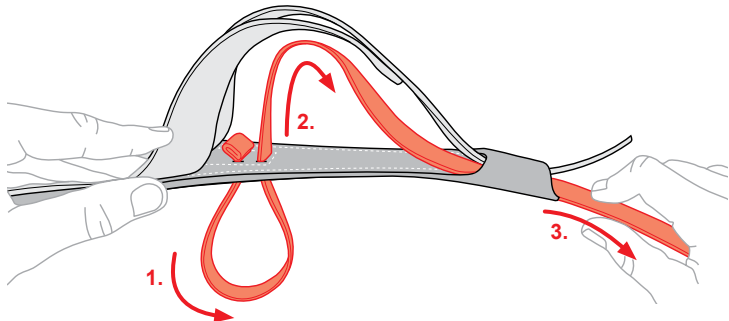
- 30.1**  Read section 25 - Modification - Warning before continuing! The following modifications may cause damage, injury or death.

Product Code	Product Description	Small HC6#1	Medium HC6#2	Large HC6#3
HC602-22-KIT	Kinisi Front Leg Elastic Kit	✓	✓	✓

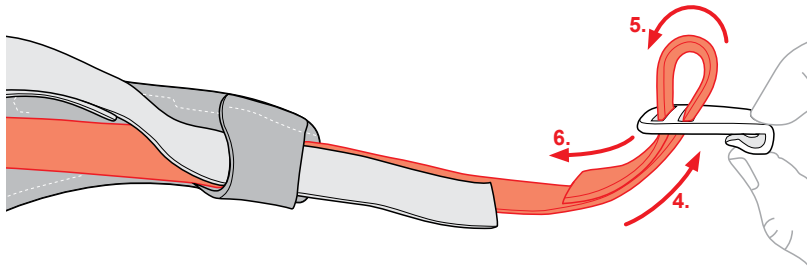
- 30.2** Remove Leg Elastic by cutting and unthreading from Plastic Buckle and then Leg Loop.


 Only remove Leg Elastics from one side initially. Then reference the remaining threaded Leg Elastic(s) for the specific threading method.

- 30.3** Thread Leg Elastics into Leg Loop.



- 30.4** Thread Leg Elastics into plastic buckle.




- 31.1**  Read section 25 - Modification - Warning before continuing! The following modifications may cause damage, injury or death.

Product Code	Product Description	Small HC6#1	Medium HC6#2	Large HC6#3
HC604-02-KIT	Kinisi Rear Elastic Kit	✓	✓	✓

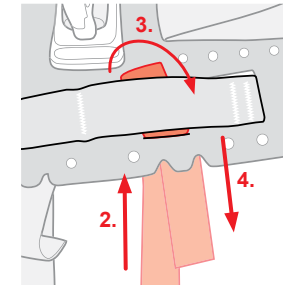
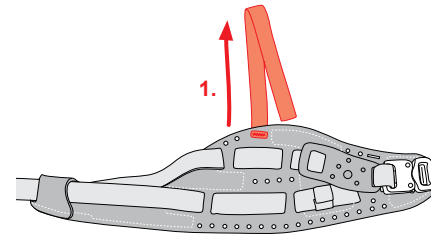
- 31.2** Small harnesses use 2 elastics. Large and Medium harnesses use 4 elastics.

- 31.3** Remove Rear Elastic by unthreading from Waist Belt and then Leg Loop.

 Only remove Rear Elastics from one side initially. Then reference the remaining threaded Rear Elastic(s) for the specific threading method.

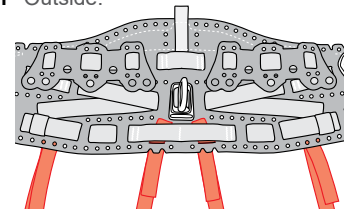
- 31.4** Thread Rear Elastics into Leg Loop.

- 31.5** Thread Elastics into Waist Belt.

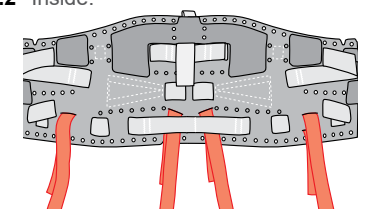


- 31.6** Large and Medium harnesses.

- 31.6.1** Outside.

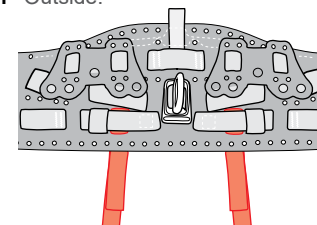


- 31.6.2** Inside.

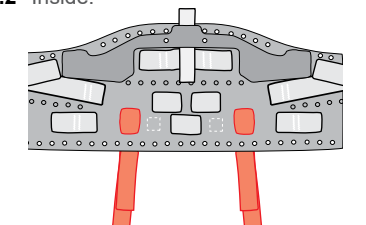


- 31.7** Small harnesses.

- 31.7.1** Outside.



- 31.7.2** Inside.



32.1



Read section 25 - Modification - Warning before continuing! The following modifications may cause damage, injury or death.

Product Code	Product Description	Small HC611 HC621	Medium HC612 HC622	Large HC613 HC623	Small HC671	Medium HC662 HC672	Large HC673
HC611L-KIT	Kinisi PRO/MAX Small Left Leg Loop Replacement	✓					
HC611R-KIT	Kinisi PRO/MAX Small Right Leg Loop Replacement	✓					
HC612L-KIT	Kinisi PRO/MAX Medium Left Leg Loop Replacement		✓				
HC612R-KIT	Kinisi PRO/MAX Medium Right Leg Loop Replacement		✓				
HC613L-KIT	Kinisi PRO/MAX Large Left Leg Loop Replacement			✓			
HC613R-KIT	Kinisi PRO/MAX Large Right Leg Loop Replacement			✓			
HC671L-KIT	Kinisi KEY Small Left Leg Loop Replacement				✓		
HC671R-KIT	Kinisi KEY Small Right Leg Loop Replacement				✓		
HC672L-KIT	Kinisi KEY/AIR Medium Left Leg Loop Replacement					✓	
HC672R-KIT	Kinisi KEY/AIR Medium Right Leg Loop Replacement					✓	
HC673L-KIT	Kinisi KEY Large Left Leg Loop Replacement						✓
HC673R-KIT	Kinisi KEY Large Right Leg Loop Replacement						✓

32.2

Remove the Leg Loop by unthreading the Rear Elastic, removing the Webbing Stopper, and unthreading the webbing.



Only remove Leg Webbing from one side initially. Then reference the remaining threaded Leg Webbing for the specific threading method.

32.3

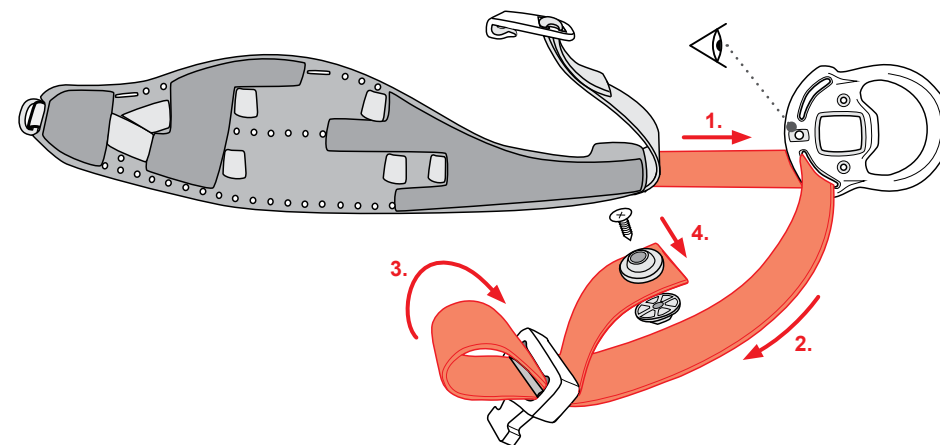
Thread webbing of new Leg Loop through Forward D and Leg Buckle.



Ensure the correct side Leg Loop is used, Forward D is correctly threaded, and the Leg Buckle is threaded correctly.

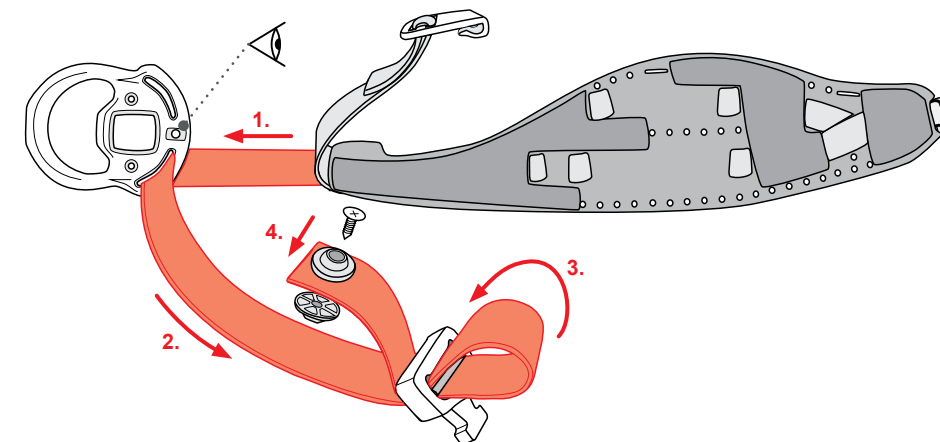
32.4

Right Leg Webbing (inside of Leg Loop).



32.5

Left Leg Webbing (inside of Leg Loop).



32.6



Thread Rear Elastics into Waist Belt - see Replace Rear Elastic (section 30).

32.7





Attach Webbing Stopper - see Excess Webbing (section 28).

32.8

For Kinisi harnesses with Classic Forward D's identify the correct direction of forward D by the angle of the D which should always be angled out and away from the body.


33 Replace Riser Webbing

33.1  Read section 25 - Modification - Warning before continuing! The following modifications may cause damage, injury or death.

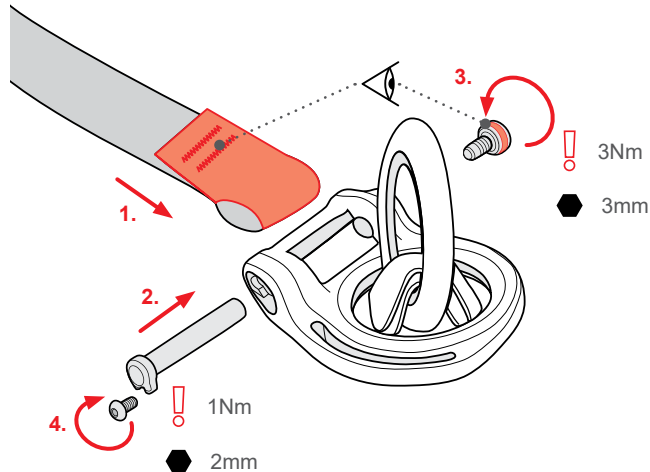
33.2  **Warning!** Use torque wrench.

Product Code	Product Description	Small HC6#1	Medium HC6#2	Large HC6#3
R600-KIT	Kinisi Side Ring Axle Kit	✓	✓	✓
HC602-13-KIT	Kinisi Waist Riser Webbing Kit	✓	✓	✓

33.3 Remove Riser Webbing by removing Webbing Stopper, unthreading Riser Buckle and Forward D, and undoing Lying Ring Axle.

 Only remove Riser Webbing from one side to begin. Then reference the remaining threaded Riser Webbing for the specific threading method.

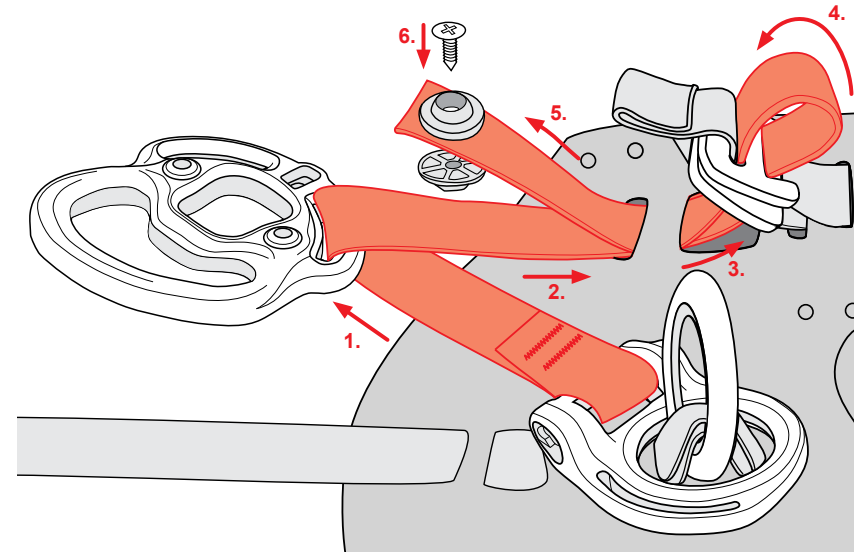
33.4 Ensure Webbing Turn Back end faces outwards, and attach webbing to Lying Ring by passing Lying Ring Axle through the sewn eye in the webbing. Ensure the O-ring is present on the larger screw. Secure axle with both locking screws.



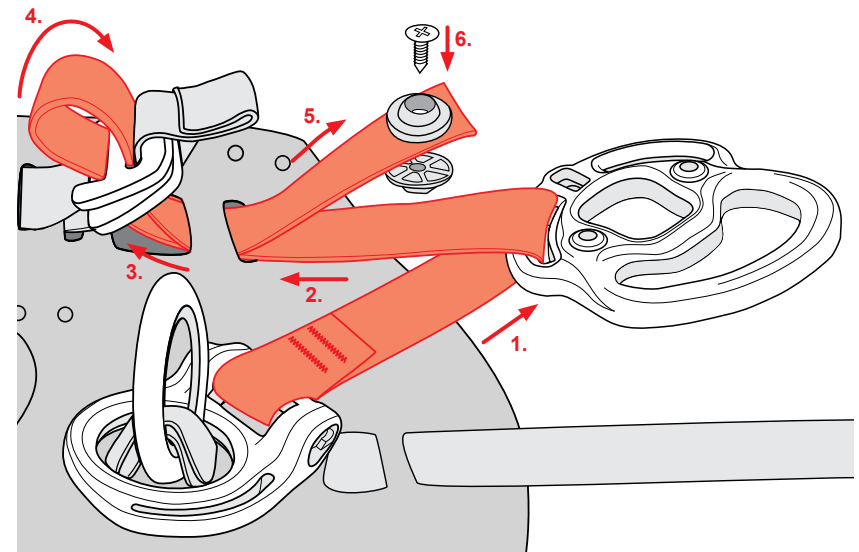
33.5 Thread webbing through the Forward D then the slot in the waist, and correctly thread the Riser Buckle before passing the tail back through the slot in the waist.

Replace Riser Webbing 33

33.6. Right hand Riser Webbing threading.

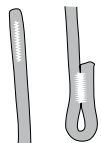
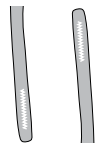
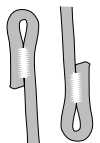
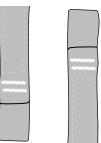


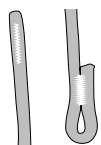
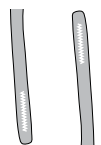
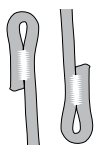
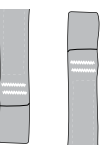
33.6.1 Left hand Riser Webbing threading.



33.7  Attach Webbing Stopper. For using Webbing Stoppers see Excess Webbing (section 28).

34.1 These are the bridge options featuring a variety of terminations and lengths.

Product Code	Length (cm)	Terminations			
					
HC650R-A1-90 HC650R-B1-90	90	✓			
HC650R-A1-110 HC650R-B1-110	110	✓			
HC650R-A1-130 HC650R-B1-130	130	✓			
HC650R-A1-150 HC650R-B1-150	150	✓*			
HC650R-A1-170 HC650R-B1-170	170	✓			
HC600R-A0-95 HC600R-B0-95	95		✓		
HC600R-A0-115 HC600R-B0-115	115		✓**		
HC600R-A0-135 HC600R-B0-135	135		✓		
HC600R-A0-155 HC600R-B0-155	155		✓		
HC600R-A0-175 HC600R-B0-175	175		✓		
HC650R-A2-30 HC650R-B2-30	30			✓	
HC650R-A2-35 HC650R-B2-35	35			✓	
HC650R-A2-40 HC650R-B2-40	40			✓	
HC650R-A2-45 HC650R-B2-45	45			✓	
HC650R-A2-50 HC650R-B2-50	50			✓	
HC650R-A2-55 HC650R-B2-55	55			✓	
HC650R-A2-60 HC650R-B2-60	60			✓	
HC650W-30	30				✓


Product Code	Length (cm)	Terminations			
					
HC650W-35	35				✓
HC650W-40	40				✓
HC650W-45	45				✓
HC650W-50	50				✓
HC650W-55	55				✓
HC650W-60	60				✓


* HC650R-A1-150 and HC650R-B1-150 installed as standard on Kinisi Max


** HC600R-A0-115 and HC600R-B0-115 installed as standard on Kinisi Pro and Kinisi Air.
HC600R-A0-115 installed as standard on Kinisi Key

34.2 Rope bridges (HC600R, HC650R) are available in both light green (-A) and dark green (-B).

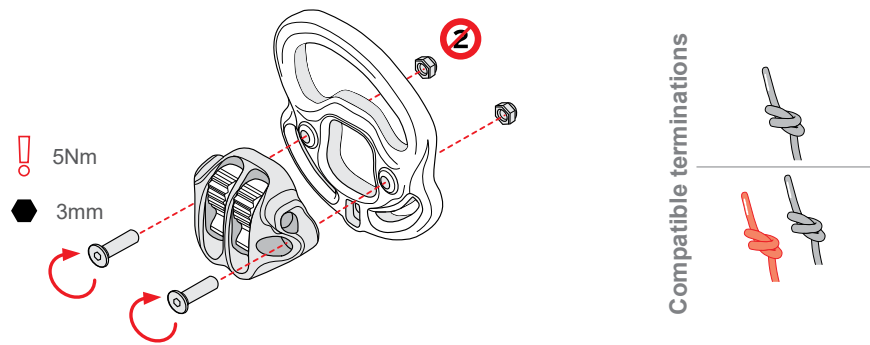
35.1 Compatible Modular Forward D Products

35.2  Read section 25 - Modification - Warning before continuing! The following modifications may cause damage, injury or death.

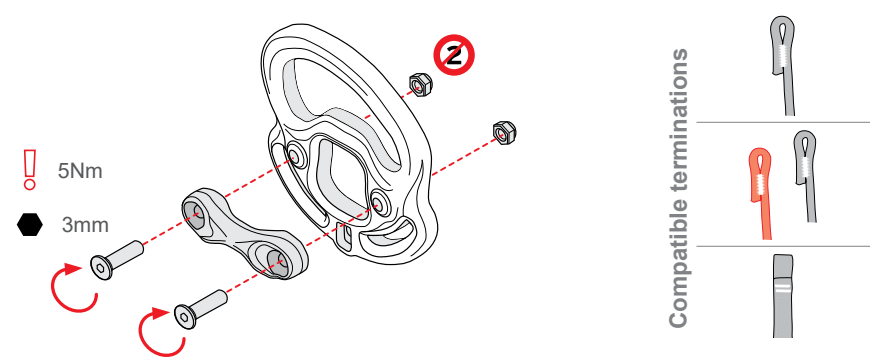
35.3  **Warning!** Nyloc nuts must be replaced with a new Nyloc nut if removed.

35.4  **Warning!** Use torque wrench.

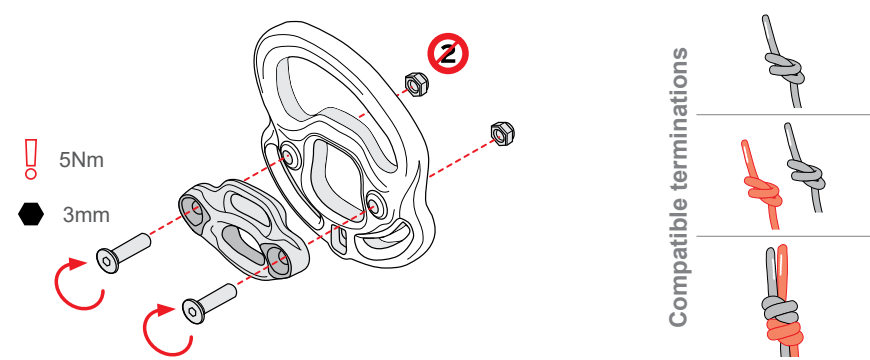
35.5 Attaching a Rope Adjuster - R260.



35.6 Attaching a Rope Bone - R250-20.



35.7 Attaching a Knot Blocker - R250-40.



35.8 Bridge hardware compatibility.

Terminations	Product			
	R260	R250-20	R250-40	
	✓	✗	✓	✓
	✓	✗	✓	✓
	✗	✗	✓	✓
	✗	✓	✗	✗
	✗	✓	✗	✗
	✗	✓	✗	✗

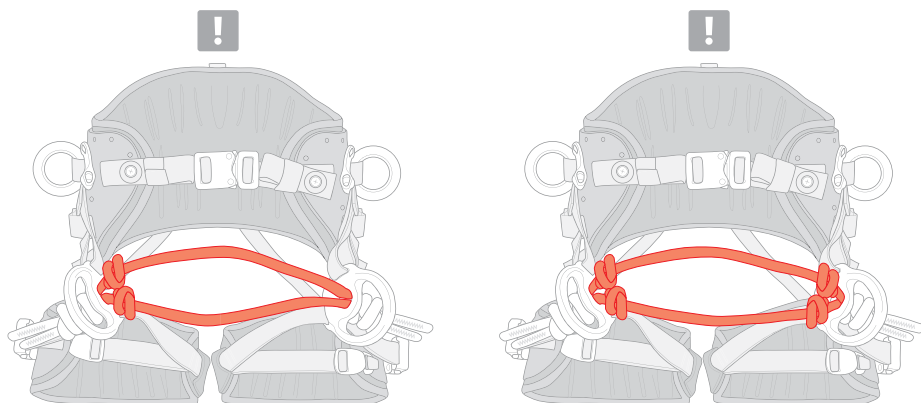
Product Code	Product Description	Small HC6#1	Medium HC6#2	Large HC6#3
R270-UPGRADEKIT	Forward D Upgrade Kit	✓	✓	✓

35.9 Modular Forward D Upgrade Kit available for Kinisi Pro, Air and Key. Upgrade Kit comes installed as standard on Kinisi Max

Replacing or upgrading forward D's see modification instructions section 28, 31, 32, 34 and 36
Replacing Riser Webbing, Replacing Leg Loops, Exess Webbing, Bridge Hardware and Knots.

36 Incorrect Bridge Use

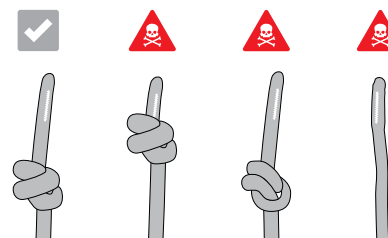
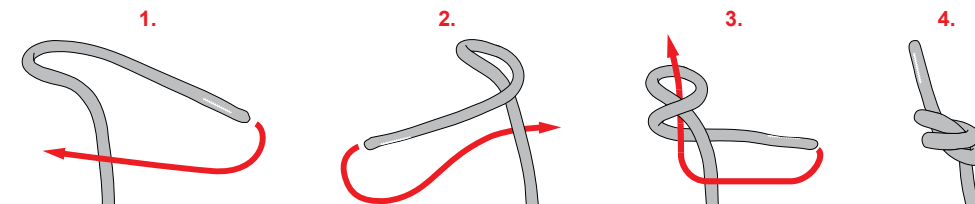
36.1 Non exhaustive list of incorrect Bridge use. Bridge Hardware used:



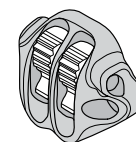
37.1 Read section 25 - Modification - Warning before continuing! The following modifications may cause damage, injury or death.

37.2 See Bridge Hardware (section 34) for hardware compatibility.

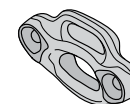
37.3 How to tie a Single Stopper Knot.



Compatible Bridge Hardware



R260



R250-40

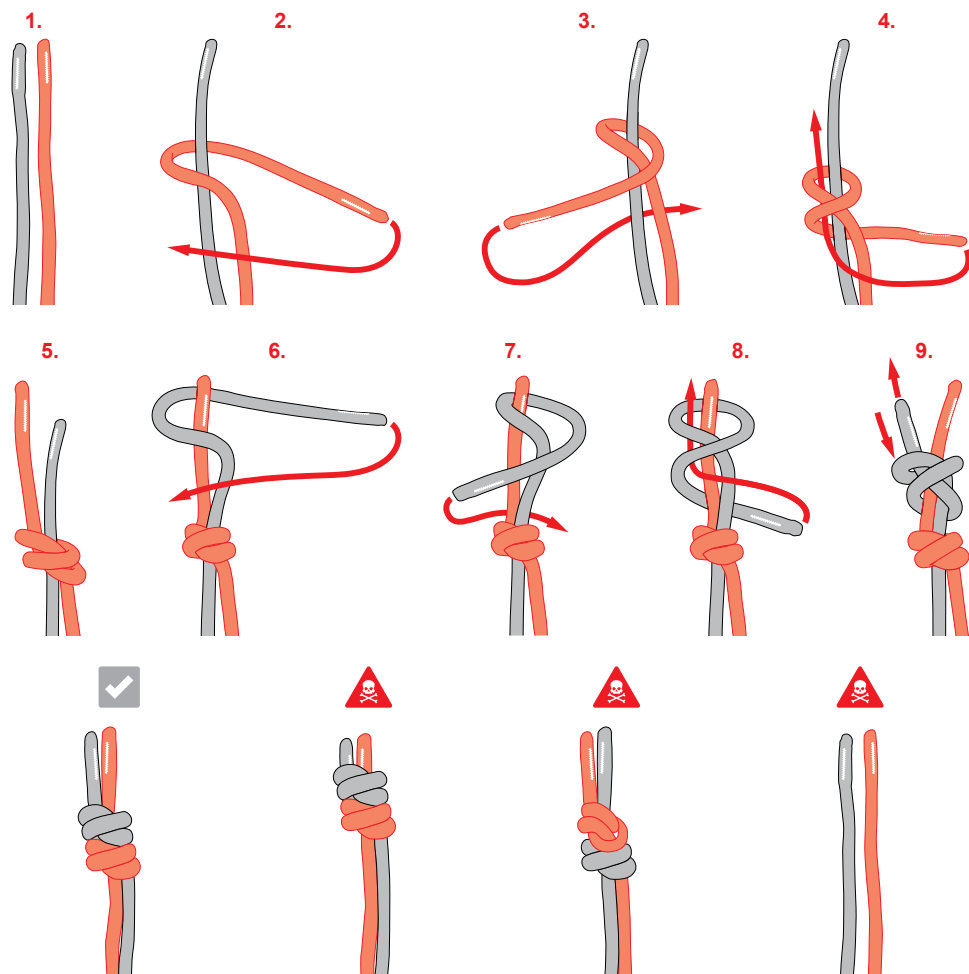


Modular Forward D



Classic Forward D

37.4 How to tie a Double Stopper Knot.



Compatible Bridge Hardware



R250-40

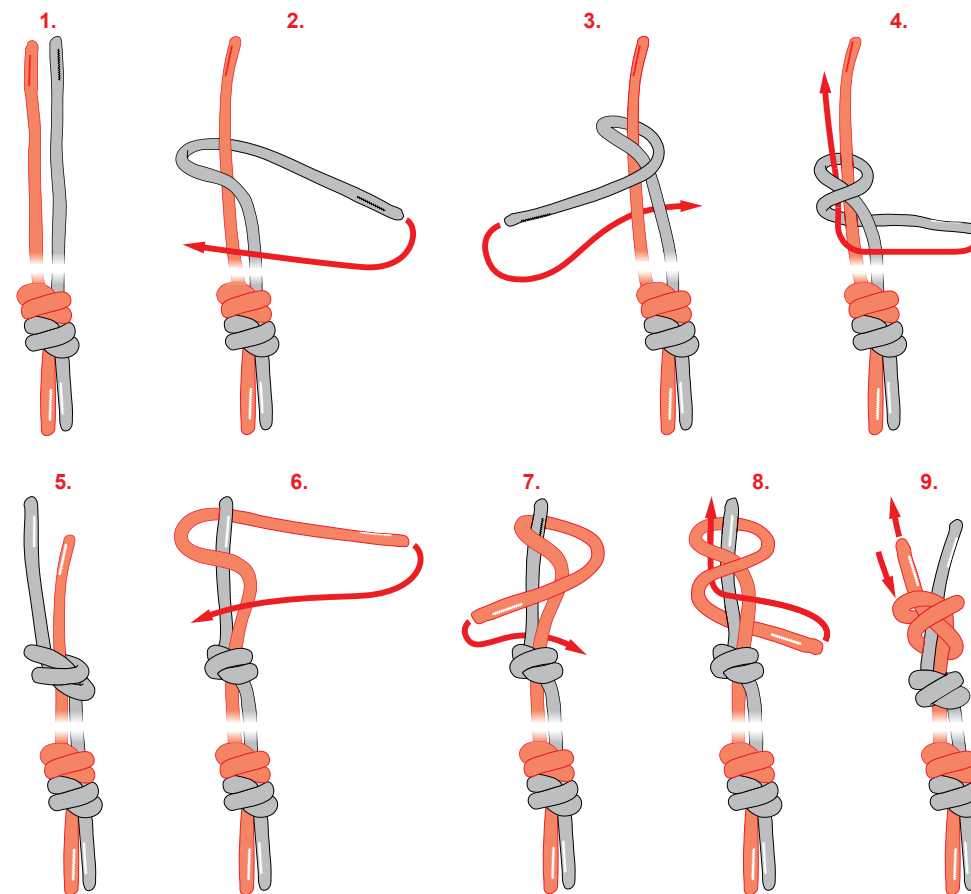


Modular Forward D



Classic Forward D

37.5 How to tie a second Double Stopper Knot.



Compatible Bridge Hardware



R250-40



Modular Forward D



Classic Forward D



CE 0598

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