



USER INSTRUCTION MANUAL
IRSQ FIGURE OF EIGHT

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODEL:

AFX208001

**CERTIFIED TO
EN 15151-2:2012**

Please read and understand the manufacturer's instructions for each component or part of the complete system. Manufacturer's instructions must be followed for proper use, care, and maintenance of this product. These instructions must be retained and be kept available for the user's reference at all times. Alterations or misuse of this product, or failure to follow instructions, may result in serious injury or death.

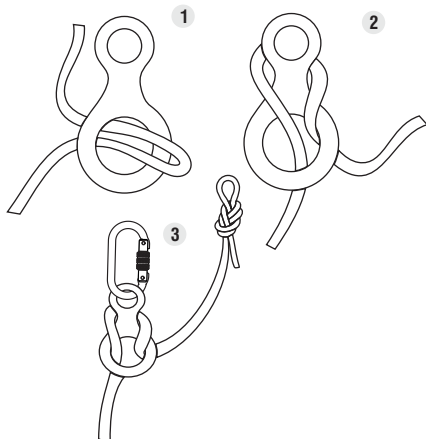
Note: The user is advised to keep this user instructions document for the life of the product.

1. **INTRODUCTION:** This product is used as a component of a rope descent system.
2. **APPLICATION:** The descent brake in figure of 8 is designed for mountaineering activities, caving, rafting, and rescue.
3. **TECHNICAL SPECIFICATION:**

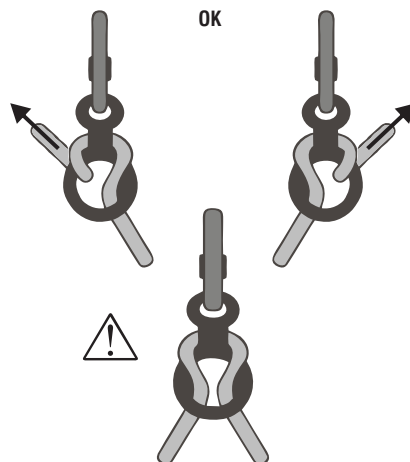
Ref.	Material	Inner dia	Height	Weight	M.B.S	Weight Holding Capacity	Finish
AFX208001	Aluminium	Big: 52mm Small: 26mm	145mm	136.0gms	50 kN	Upto 136.0kgs	Natural silver/ Coloured, Anodized

4. **INSPECTION:**
 - Visually inspect the system before each use to ensure that it is in a serviceable condition and is operating correctly. Inspect for any signs of cuts, sharp edges, burns or abnormal shrinkage, no visible damages, no deformations or oxydation that may damage the rope. If during inspection, doubts are raised about the safety of the system or a component, these should be replaced either by the manufacturer or a competent person.
 - For your safety, always inspect your equipment before, during and after the use, and pass it a through a periodic inspection with qualified personnel at least every 12 months. This frequency may vary depending on the frequency and intensity of use. If you have any doubt about the condition of the equipment, replace it immediately and removed from service.
 - In the event of deformation or doubt, the descent brake should not be reused and removed from service .
5. **PRECAUTIONS:**
 - Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
 - The equipment shall only be used by a person trained and competent in its safe use.
 - A rescue plan shall be in place to deal with any emergencies that could arise during the work.
6. **PRE-USE CHECK:** Check that the devices are used in combination with other systems suitable for mountaineering, caving, rafting and rescue, and also that they are compatible, check that they comply with the rules, standards and EU directives. In any case, we recommend that you use connectors according to the EN362 standard. Thus, before the use, refer to the recommendations for the use of each system component.
Never use metallic rope with the descent brake.
7. **HOW TO USE:** This user instruction will not teach you the techniques for using this equipment; the use of this equipment is therefore reserved for expert users. So it is essential, to be trained in these techniques before the use.
Whatever the technique of using the descent brake: (descent, assurance of the first one on the rope, check during the use the good position of the connector in the descent brake, the efforts of traction on the connector must be only done in the direction of the major axis.

INSTALLATION ON ROPE

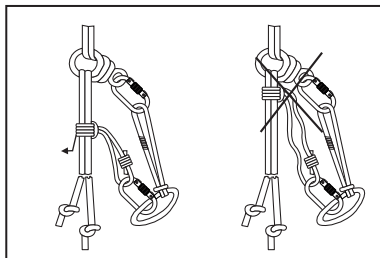


BRAKING



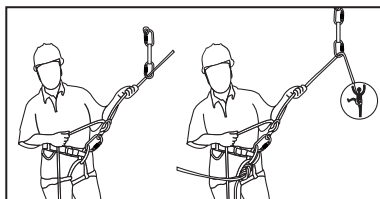
8. DESCENT:

- The descent brake in figure of 8, must only be used during the descents in double rope techniques, according to the adjacent figure. It is necessary to attach oneself preventively to the descent rope by the intermediate of a self-locking knot (Prussik).
- Check that the self-locking knot does not enter in contact with the descent brake when it will be in tension, otherwise it will not lock onto the rope.
- The lowering speed on double rope must be moderated to avoid an overheating of the descent brake, which would cause a rapid wear of both descent brake and rope.



9. INSTRUCTION FOR USE:

- The descent brake in figure of 8 can be used in simple rope for the retrieval of the second climber, or for the assurance of the first one (see adjacent figure). Be careful, in this case the braking action developed by the descent brake is strictly related to the diameter and type of the rope used.
- Check the efficiency of your operation before the use and in safe place when you are using new, thin or very slippery ropes.
- It is forbidden to make the assurance with 2 ropes since only the rope which enters into the throat of the descent brake would be braked.
- For the recovering of the second climber on the rope, it is necessary to have an extension as shown in the figure here on the left.
- Make sure that you always secure the end of the rope in order to prevent the risk that its end involuntarily comes out of the descent brake and thus prevent serious injury or death.
- To stop the fall of a person quickly and easily, grip the rope firmly and always put the hand under the descent brake..



10. LIMITATION:

- This product should be a personal property of its user.
- The equipment shall only be used by a person trained and competent in its safe use.
- The equipment shall not be used outside its limitation, or for any purpose other than that for which it is intended.

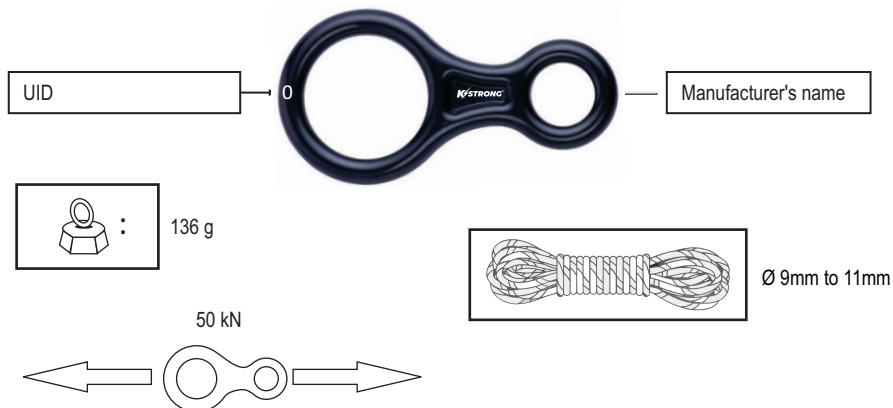
11. SERVICING AND STORAGE: (Comply strictly with these instructions)

During transport, keep the equipment away from cutting part and keep it in its packaging. Clean with soap and water, wipe with a dry cloth and hang in a ventilated area to dry naturally away from any direct heat or source of heat, even for items that got wet during their use. Bleach and detergents are strictly prohibited. The equipment should be stored in a temperate and dry place in its packaging, away from sunlight, heat and chemicals.

12. WARNING:

- An inappropriate use can cause serious and even fatal accidents.
- The user is responsible for the risk it is exposed. People who are not able to fulfill these responsibilities must not use this product. KStrong cannot be held liable for any direct or indirect accident occurring as a result of use other than provided for in this notice; do not use this equipment beyond its capabilities!

LABELLING



LIFESPAN: The estimated product Lifespan is 10 years from the date of manufacture. The following factors can reduce the Lifespan of the product: intense use, contact with chemical substances, specially aggressive environments, extreme temperature exposure, UV exposure, abrasions, cuts, violent impacts, bad use or maintenance.

DISCLAIMER: Prior to use, the end user must read and understand the manufacturer's instructions supplied with this product at the time of shipment and seek training from their employer's trained personnel on the proper usage of the product. Manufacturer is not liable or responsible for any loss, damage or injury caused or incurred by any person on grounds of improper usage or installation of this product.

EQUIPMENT RECORD		
Product		
Model & type/Identification	Trade Name	Identification number
Manufacturer	Address	Tel, email into use
Year of manufacture	Purchase Date	Date first put into use
Other relevant information (eg. document number)		

PERIODIC EXAMINATION AND REPAIR HISTORY				
Date	Reason for entry (periodic examination or repair)	Defects noted, repairs carried out and other relevant information	Name and signature of competent person	Periodic examination next due date

Any use other than those described in this instructions are to be excluded.

For EU Declaration, please visit <https://kstrong.com/asia/eu-declaration-form/>



KStrong Inc.
 150 N. Radnor Chester Road Suite F200
 Radnor, Pennsylvania 19087 United States
 Contact number : 1-833-KSTRONG

www.kstrong.com

USA South America ASIA

AKS-AFX208001-110121-v2