

KNUCKL

ROPE GRIPPER DEVICE



The KNUCKL is a lightweight Rope Gripper device designed to assist in activities such as lifting, hauling, pulling and holding ropes. It is ergonomically designed to fit in the user's hand and significantly increase their grip whilst reducing fatigue.

Guidance for use:

- There are many possible uses for this device. The user should understand its capabilities and limitations. For example:
 - Hauling or pulling ropes in a work/rescue application
 - Holding/gripping ropes in a recreational sailing application
 - Aid in rope climbing
 - If the device is used in a work environment its use should be adequately risk assessed and used by competent persons who understand its use and possible misuse.
 - Use T-piece between 2nd and 3rd finger
 - Use caution when gripping loaded or moving ropes
 - For optimum grip the rope should be pushed into the V-groove of the device
 - Ideal rope diameter is Ø 8mm – 13mm (5/16" – 1/2")
-
- The gripping efficiency of the device should not be significantly reduced if the rope is wet or dirty, however wet and dirty ropes will reduce its lifespan. The lifespan of the device will be prolonged if used with care. It is impossible to estimate the lifespan of the device but it is manufactured using a glass filled nylon which is specifically chosen as an abrasion resistant and hardwearing material. If the ridges inside the rope V-groove are in good condition then the user will be able to apply significant grip. If the rope slips through the device it could be that it is upside down or that the ridges are wearing. Always test the functionality of the device before use.
 - The device can be used with or without gloves
 - The KNUCKL device comes complete with a spiral (bungy) lanyard which should be used to avoid dropping the device. It can be placed around the wrist or choke hitched around a harness or an article of clothing and the small swivel karabiner clip attaches into the lower eye of the device.
 - At Height is not liable for the consequences of direct or indirect damage resulting from the use of this device.

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The KNUCKL device was designed and developed in the UK and is manufactured in the UK. It has a registered design in the UK.



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Nomenclature

- Top finger support
- Supplier logo (www.atheightuk.com)
- T-piece
- Rope V-groove with ridges
- Lower finger support
- Weight is 30g / 1oz (complete with bungy lanyard)



Packing and Storage

- Each device is supplied with a plastic header card which is full recyclable and its 'user instruction manual'
- Store the device away from chemicals.
- Clean the device with a brush with warm soapy water from time to time

WARNING – the KNUCKL is not an item of PPE (Personal protective Equipment) and is not designed for use as a direct connection for ascending/climbing however it can be used as part of a system if used in conjunction with a hand ascender or chest ascender in certain applications.

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