



In cases where there is a risk of falling and where, for technical reasons or for work of a very short duration where safe access may not otherwise be guaranteed, you must consider the use of personal protective equipment. Such use should never be improvised, and the choice to do so should be specifically appropriate to the basic safety measures at the place of work.

INSTRUCTION FOR USE

Do not use **DESCENDER R.E.** without first carefully reading the Instructions for Use. This guide shows the various possible uses. Some known forms of misuse are displayed as crossed through. Not all possible misuses are shown, as there is a vast amount of them. In case of a problem with use or queries, please contact the manufacturer.

DESCRIPTION

(1) Movable sides, (2) fixed sides, (3) spool, (4) cam, (5) the safety latch, (6) handle, (7) pivot.
Basic materials: aluminum alloy (sides), steel (cam)

USE

Caution: Professional training is essential prior to use.

This product may only be used by a responsible and professionally trained individual, or by an individual under constant, direct supervision by such an individual. Check to make sure that the product is compatible with the rest of your equipment. Only use products that fulfill the requirements of the appropriate standards and regulations.

It is essential that the person using this product have been informed regarding the possibilities of rescue in the event of an accident.

WARNING

The self-blocking mechanism functions only in the event that nothing is preventing movement of the handle. Free movement of the handle cannot be interfered with by anything (snap hook, loop, rope...). Under no circumstances can operation of the device be restricted by anything during use.

Do not allow the device to be wedged in a crevice or other bottleneck – it will not work in this case. The self-blocking function is dependent upon the state of the rope (diameter, age, flexibility, cleanliness, etc.).

Avoid impact of the device against the rock face or any firm obstacle. Prevent loading over a sharp edge.

Do not allow any kind of sand or debris to get into the device. Contact of the friction elements of the device with greasy substances decreases its braking abilities.

For parts such as the (3) spool and (4) cam, wear occurs through high friction, and it is necessary to pay increased attention to these parts, and as soon as a significant loss of material is evident, it is necessary to discontinue use of the device or submit it for inspection to a manufacturer authorized individual, see chapter on Lifetime and Periodic Inspection.

IMPORTANT

The **DESCENDER R.E.** device fulfills the standards of EN 341:1992 Class A

The scope of usable rope diameters is 10-12 mm. The maximum height of descent is 100m. Maximum weight is 150 Kg (shown on product label)

The **DESCENDER R.E.** utility is not intended for rope with a diameter of less than 10mm, because at smaller diameters the self-blocking ceases to function. In this case, it can be used as a simple descender requiring additional braking. Check that your cable meets the required



application. Anchoring of mooring ropes must conform to the requirements of the standard EN 795.

OPERATION CHECK

Verify that the cam and its spring can move freely without friction or rubbing.

To verify the correctness of the rope placement, and functioning of the utility check operation.

Carry out the check during self-securing and before beginning your own activity.

Descending:

Do not forget to tie a knot at the bottom end of the rope. Despite the fact that the DESCENDER R.E is self-blocking, for safety reasons, always hold the loose end of the rope during descent. The braking effects for the speed of descent are regulated by the strength of the grip on the loose end of the rope. If you want to block the rope, release the handle grip, if you want to unblock the utility, grip the handle.

Check points:

Prior to each use, check that both sides, the friction components (cam groove, spool), block mechanism component parts (safety latch, side nuts), functioning of the cam and spring in the safety latch. Finally, check the functioning of the DESCENDER R.E. as a whole.

Any tampering in the body of the product or repairs outside of our manufacturing premises is forbidden.

STORAGE AND MAINTENANCE

The user is not to carry out any extraordinary maintenance, but is to restrict his or her actions to only cleaning and lubrication the product in accordance with the below listed guidelines.

Cleaning: repeatedly rinse the product with lukewarm drinking water, possibly with the addition of a gentle cleaner (neutral soap). Leave it to dry in a natural manner, in a sufficient distance from direct sources of heat.

Lubrication: Repeatedly grease the moveable parts with silicone containing oil. Prevent contact of the textile elements with the oil. This operation must be carried out after cleaning and thorough drying.

Disinfection: submerge the product in warm water with a disinfectant containing ammonia salts, rinse with drinking-quality water, leave to dry and then lubricate.

Storage: After cleaning, drying and lubrication, store utilities individually in a cool and dry place which is chemically neutral (by all means, avoid salty environments), and sufficiently distant from sharp edges, heat sources, humidity, corrosive substances or other possible damaging conditions.

Do not store the utilities in a wet state!

Lifetime and Periodic Inspections

The life of metal and plastic products is **10 + 5 years** (5 years of storage in compliance with the instructions, 10 years from the first use). If the authorised person establishes that the product is not suitable for further safe use it is competent to recommend discontinuation of further use of the product even before elapse of its lifespan.

Metal and plastic products must be checked **at least once in 12 months** by the manufacturer or a person authorised for inspections of PPE of category III and simple structure (hereinafter



“authorised person”) such as IRATA and SPART LEVEL 3 etc. These inspections should also be performed in the case of emergencies (fall, aggressive chemical environment, mechanical damage or doubt of the user).

Warranty

The MANUFACTURER provides a guarantee of 3 years for defects of material and workmanship.

The guarantee does not relate to defects caused by normal wear and tear, negligence, unprofessional handling, improper use, prohibited adjustments and poor storage.

Accidents, damages, negligence and use for which **DESCENDER R.E.** is not designated are not covered by this guarantee.

The MANUFACTURER is not liable for direct, indirect or accidental damages in connection with the use of our products or as a consequence thereof.