

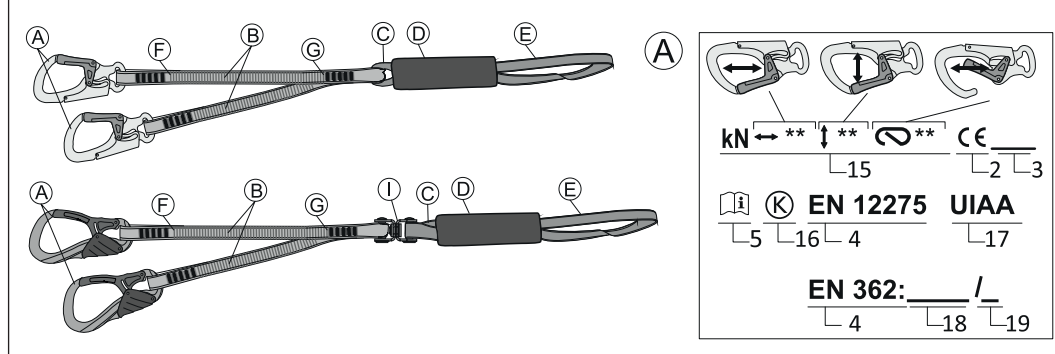


Fig. 1a

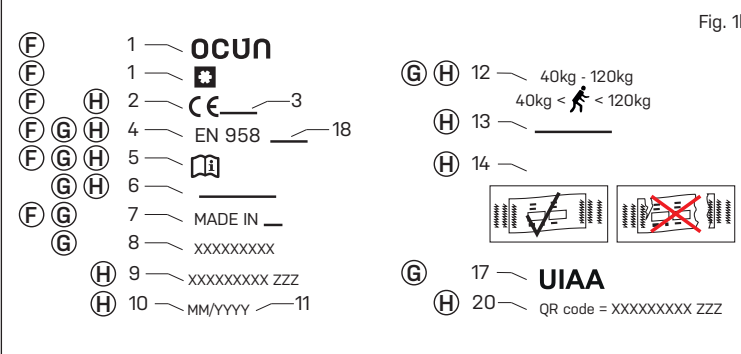


Fig. 1b

ENGLISH

Energy absorber for use on klettersteig - Via Ferrata set (VF set)

Do not use this product without first carefully studying these instructions. These instructions contain important information for the correct use, storage and maintenance of the VF set. Any other use is **PROHIBITED**, and may cause a serious accident, injury or death. There are many unsuitable ways to use this product, only a few of which are described in these instructions (crossed-out illustrations). The VF set may only be used by persons who are competent and responsible, or by persons under the direct supervision and control of such persons. The user is responsible for the risks that may arise as a result of failure to comply with the correct method of use.

USAGE
The purpose of this equipment is to gradually absorb the effects of a fall that may occur during a climb, and to reduce the impact on the user to a maximum of 4 kN, but not more than 120 kg. The VF set is designed for use on a maximum force of 4 kN, with a 80 kg load in the dry, to a maximum impact force of 6 kN, with a 120 kg load in the dry, to a maximum impact force of 6 kN, with a 120 kg load in the wet, to a maximum impact force of 8 kN. This equipment must be used in combination with a full-body or sit harness (Fig. 7). If the user is wearing a rucksack, we recommend using the VF set with a combined sit and chest harness, or a full-body harness. The climbing harness to use must comply with the valid standard EN 12277. The VF set must be connected to the harness, i.e. with its tie-in point, according to Figs. 2, 3 and 4. This method of tying in will prevent any spontaneous or uncontrolled disconnection of the set from harness. Fig. 5 illustrates the correct procedure and use of the VF set during a climb.

Warning: The opposite end of the flexible arm must never be attached to the harness (Fig. 6)!

Shortening the flexible arm, e.g. by using a knot, is strictly prohibited!

The product is equipped with a belay loop (Fig. 1a, marked G), which allows the user to connect to an anchor point or via ferrata cable for the purpose of resting, ensuring the safety of a climbing partner, etc. Only carabiners that comply with the applicable EN 12275 standard may be used as connecting elements. When using the belay loop, both elastic straps must remain connected to the cable or anchor point at all times.

Warning: Never use the belay loop on its own or to continue climbing. It is prohibited to connect straps and slings to the loop!

CHECKS

Before every use, open the protective cover of the progressive-tear energy absorber and check to see whether the control label "H" (Fig. 8) has been torn. The tearing of this label signals that the progressive-tear energy absorber has already been activated and that the entire VF set must be withdrawn from use. Check the seams on the progressive-tear energy absorber.

If they are damaged (tears, worn, or the fibres are torn) it is necessary to withdraw the entire VF set from use. Before and during every use, the product should be checked for any signs of damage. If there is even the slightest doubt about the safety of the VF set, it must be replaced right away. Check that the set is correctly and safely tied, the state of the connections and carabiners, the state of the straps and slings, and the functioning of the carabiners' auto-locking device. The strength of the carabiner is considerably reduced if the gate is open! Be extra attentive when using the VF set: there is a risk of getting caught up in the equipment (i.e. a danger of restricting part of the body or choking).

The equipment must be periodically checked by a competent person at least once every 12 months. To ensure you have a good overview on the equipment's usage, we recommend assigning all parts of the equipment to just one user, who will know its entire history. The results of checks should be entered on the product's record sheet.

In the event of a fall, check whether the product has been damaged or whether the progressive-tear strap has been activated. An activated progressive-tear strap (indicated by the tearing of control sticker "H") is unable functionally to fully arrest a subsequent fall. Even short falls will cause minor damage to the energy absorber and the product must be exchanged once the climb has been completed. If the fall is greater (4–5 m), or if other parts of the VF set have been damaged, then any further progress is not recommended unless the VF set (including carabiners) is replaced.

Warning: If the user's weight is less than 40 kg (total weight without gear) or greater than 120 kg (total weight including other gear), then an additional safety device, e.g. rope, should also be used. The use of the rope is also recommended for unskilled persons and children. This product has been designed for use on secured via ferrata routes built in accordance with EN 16869:2017, with a maximum distance between two anchor points of 3 m in a vertical section. If there is a risk of the user falling more than 5 m, the use of additional safety equipment, such as a rope, is recommended. Commercial hiring of VF sets is only possible provided that regular checks are carried out and hire records are maintained by a competent person. Every user must be familiarized with these instructions for use and, where applicable, given the appropriate training by the operator of the hire shop.

ACCESSORIES
Verify that the product is compatible with other elements of the system and that these elements comply with the applicable regulations, standards, and directives. Verify that the entire system has maximum compatibility and that the safe operation of its individual components does not interfere with each other.

MATERIALS

The materials used do not cause allergic reactions, hypersensitivity or skin irritation.

STORAGE AND TRANSPORT

Store the product in a cool, dry and well-ventilated space. Protect against direct sunlight, chemicals, direct heat sources and mechanical damage. We recommend transporting and storing the product in the cover which was supplied with the product.

MAINTENANCE

Modification or repair of the product outside of the Ocun brand's manufacturing plant is prohibited.

CLEANING AND DISINFECTION:

Cleaning and disinfection: Clean soiled products with cool or warm water up to 30° C, or using a mild soap solution (then wash thoroughly with clean water). Dry in a shaded and well-ventilated place, avoiding direct sunlight. Chemical cleaning and disinfection are not permitted and can seriously damage the product.

EFFECT OF CHEMICAL COMPOUNDS:

It is absolutely necessary to avoid contact with chemical compounds (chemicals), especially with acids and alkalis. Damage caused by acids is not optically visible. Products that have come into contact with acids (e.g. car battery acid) must be immediately retired from use.

LIFESPAN AND RETIREMENT FROM USE:

The lifespan of products is affected by many factors, such as frequency and method of use, method of storage, climate conditions, and the like.

The product must be always replaced if:

- extremely high loads occur during a heavy fall

- seams or straps may be damaged

- it has been exposed to a strong thermal, contact or friction heat, with visible traces of melting

- you do not know its complete past history

- if the product has not been regularly professionally examined

MAXIMUM SERVICE LIFE:

When stored optimally and not used: 14 years from the date of manufacture.

MAXIMUM USE DURATION:

Under ideal storage conditions and very infrequent use, the product should be replaced no later than 10 years after first use.

Warning:

In extraordinary circumstances and conditions, the product may need to be discarded after its first use. Moisture and/or ice reduces the strength of the product.

DESCRIPTION OF PARTS (Fig. 1a)

(A) carabiners, (B) flexible arm, (C) resting loop, (D) progressive-tear energy absorbing strap, (E) connection loop, (F,G

