

ENGLISH

Karabiner/Connector with manual screwgate (fig. 4) and with automatic 3-way locking (Push & Twist) (fig. 5)

Basic-connector EN362: 2004 class B

Connectors with gate-locking device EN12275: 2013 Without marking: class B (H) : class H / (K) : class K

Field of application:

- Karabiners are used as connecting devices for connecting pieces of equipment.
Karabiners are used in mountain sports as Personal Protection Equipment (PPE) and also in safety techniques involving the use of ropes, including:
- Shock absorption
- Securing against fall
- Retention
- Rescue

In these cases, the karabiner should be used by its owner personally, or by someone to whom it has been personally allocated.

The stated breaking strain of the karabiner should never be exceeded; neither should it be used in situations other than those for which it is intended.

GENERAL INFORMATION

WARNING

All activities requiring the use of this piece of PPE are by nature dangerous. Carelessness and improper use of the equipment can lead to injury and even death.

Before using the equipment, you must have read and fully understood the accompanying information booklet.

Additionally, specialist training in correct application is essential. Furthermore, you should be familiar with both the capabilities and limitations of the product and you must accept and understand the risks associated with its use.

Ignoring the above warnings can have fatal consequences.

RESPONSIBILITY / LIABILITY

Specialist training is essential before the use and implementation of PPE.

Karabiners may only be used by responsible, trained persons. Every individual has the responsibility to undergo a recognised training course in application, technique and safety procedures.

INSTRUCTIONS FOR USE OF KARABINERS

Manufacturer's instructions for the use, maintenance and storage of a karabiner. This regards a unit of Personal Protection Equipment (PPE) against fall in accordance with standards EN362 and EN12275.

Negligent or incorrect use of PPE can lead to injury or even death.

We would like to bring it to your attention that the accompanying instructions must be read and fully understood. Should you still have questions, please ask your dealer or us.

USE

The karabiner must be replaced immediately if there is any doubt about its condition.

A karabiner which has been used in a fall should not be used, but rather sent back to... for maintenance and safety checks.

Our karabiners are manufactured in accordance with EN12275 for use in mountain sports, and in accordance with EN362 for rope-work at elevation (Safety technique). It should be stressed that the stated strength values and the safe use of the karabiner can only be guaranteed when used correctly.

- Visual check that the karabiner is undamaged and that all moving parts function.
Karabiner body, gate and screw / Push & Twist mechanism should show no signs of fracture, stress, corrosion or deformity.
Gate should shut itself fully by force of the spring alone.
Screw must shut easily and fully without using undue force.
Push & Twist barrel should recluse itself fully after release.
Rivets should not be damaged, deformed, or loose.

Inspections during use:

- The good condition of the product (PPE) and its connection to other pieces of equipment should be checked regularly during use.
For correct position and positioning of the PPE (karabiner and other elements) see fig. 6.
The karabiner must not be stressed above its gate (= transverse loading) fig. 6.

Directions for use:

A karabiner must only be used with a closed and locked gate (fig. 4 and 5). The locking of a karabiner is done through the screwing of the screw barrel as far as it will go, or by releasing or unlocking the automatic safety catch (Push & Twist).

A locking barrel can work itself loose and lead to the karabiner opening. It is essential to keep checking regularly that it is shut. The breaking strain of a karabiner is seriously impaired by an open gate - with potentially fatal consequences.

Remember that the swinging motion after a fall can have a negative impact on your securing system. It can also result in a collision, so keep securing your fall line. Safety measure: use a redundant back up system.

COMPATIBILITY / ACCESSORIES

When a karabiner is used as a connecting element in PPE, it must be compatible with the elements it is attaching (in size, shape etc.). An incompatible connection can have undesired effects, such as a searing or rupture.

The perfect functioning of the karabiner can only be guaranteed with correct handling and in combination with PPE tested, EU marked accessories.

Attachment to an overly-wide belt or a fat pole can affect the rigidity of the karabiner.

In braking systems, attention should be paid to the length of the connecting elements, because the length affects the height of a fall.

ANCHORS

The anchor point for a braking system using a karabiner must always be above the user, and confirm to EN795 standard. The minimum breaking strain of the anchor must be 12kN. Self-locking or manual-lock karabiners should only be used if the user does not clip on or unclip too often over a working day and where it is possible to check the lock visually.

The rules are to be observed for the respective activity (work at elevation involving ropes, sports).

Further Informations / Precautions:

- The instructions must be available in the language relevant to the country in which the goods are to be sold.
Good physical condition is a prerequisite for work and activity at height.
Simply hanging from a harness for a long period can lead to serious injury and death.
Before use of the PPE prepare a rescue plan to ensure a safe, fast and effective rescue in case of an emergency situation.
Changes and repairs may only be carried out by the manufacturer.
Labelling on the product must remain legible for the lifetime of the product.
The height of a fall must be reduced as far as possible: the clearance under the user must be checked every time a braking system is used, so that a potential fall will not result in hitting the ground or any other obstacle.
The intended purpose of the equipment must be checked and verified against all relevant norms, regulations regarding safety in the workplace.
The instructions must be observed by anyone coming into contact with this piece of PPE.
The instructions for this PPE and all other items of equipment must be made available to every user.

STORAGE

Always store your karabiner in a dry environment away from direct sunlight. High humidity, salty conditions (maritime air) or an acidic atmosphere (battery acid) will reduce the lifespan of your karabiner.

CLEANING / MAINTENANCE

Remove large lumps of dirt with clean water. For cleaning use a clean, lightly oiled cloth. The hinge and all movable parts should be lubricated regularly preferably with a dry lubricant (e.g. MoS2 or PTFE) or with oil that is free from sap and acid (fig. 2).

STRENGTH MARKING

The values achieved in testing exceed the minimums required by EN12275 and EN362, and are marked on the karabiner as follows:

- major axis strength with closed gate

minor axis strength (loaded across the gate)

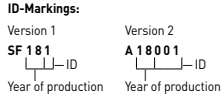
gate open strength

HMS connector - this karabiner is designed for use with the 'french hinge'.

Klettersteig connector - this karabiner is made for use on via ferrata.

CE 0408. This CE-marking shows that the quality management (ISO 9001) of the manufacturer is controlled by an independent notified body...

* TÜV Austria Services GmbH Krugerstraße 16, A-1015 WIEN



Charakterisare are remarks for internal final inspection.

Date of manufacture:

06/18 = month/year

LIFESPAN

The lifespan of a karabiner depends on the respective conditions, intensity and frequency of use. An exact figure cannot be given owing to widely differing speeds of wear...

The maximum lifespan does apply from the first use of the product. For a longer lifespan an expert has to allow the further use in the course of the periodic inspection. In this case liability and risk are transferred to the expert respectively to the organisation for that he makes this decision.

A karabiner which has been stressed in a fall should be disposed of immediately after use. Karabiners must only be used if they are undamaged and all moving parts function perfectly. If you have any doubts about the usability of a karabiner, it should be disposed of.

TYPE EXAMINATION / DECLARATION OF CONFORMITY

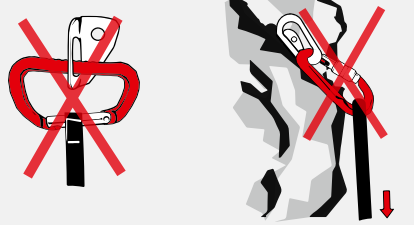
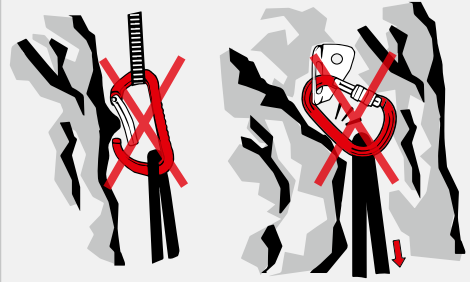
SW karabiners are tested as Personal Protection Equipment (PPE) according to EU regulation 2016/425 and are CE marked. The prototype tests are carried out by: TÜV SÜD Product Service GmbH

Declarations of conformity are available on www.karabiner.at.

Other languages and last version see www.karabiner.at. Subject of literal mistakes and technical modifications.

!!! GEFAHR / DANGER !!!

DIESE ODER ÄHNLICHE KARABINERPOSITIONEN / -BELASTUNGEN UNBEDINGT VERMEIDEN! AVOID FOLLOWING POSITIONS OF THE KARABINER!



BITTE BEACHTEN!

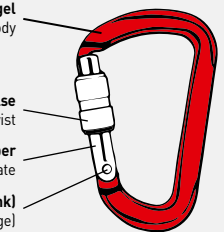
Es gibt noch eine große Anzahl von Fehlanwendungen, die beim Gebrauch von Karabinern auftreten können. Hier sind nur einige der häufigsten aufgezeigt.

PLEASE NOTE!

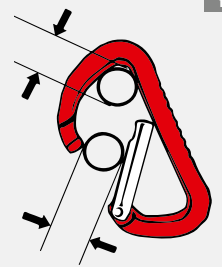
There are a lot of other wrong applications which make the use of a karabiner dangerous. Shown here is just a selection of frequently done mistakes.

BENENNUNG DER TEILE / NOMENCLATURE OF PARTS

- Bügel body
Sicherungshülse screw / Push & Twist
Schnapper gate
Niet (Gelenk) rivet (hinge)



FUNKTIONSMASS / FUNCTIONAL DIMENSION



SCHNAPPERÖFFNUNG / GATE OPENING

Table with 11 columns: Artikel Nr., Modell, Werkstoff, Festigkeit (Hauptachse, Nebenachse, Schnapper), Schnapperöffnung, Funktionsmaß, Geprüft nach Norm, Anmerkungen. Contains data for various karabiner models like HMS Pro EL, HMS 3D, HMS PICCO, etc.

Anwender-Eigentümer / user-owner:
Modell / type:
Serien Nr. / serial no.:
Produktionsjahr / year of production:
Kaufdatum / date of purchase:
Verkaufsstelle / place of purchase:
Erstverwendung / date of first use:

Table with 7 columns: Prüfungsdurchführung, Visuelle Prüfung, Funktionskontrolle, Prüfergebnis, Datum, Prüfstelle, Datum der nächsten Prüfung.

Anmerkungen / Defekte / remarks / defects