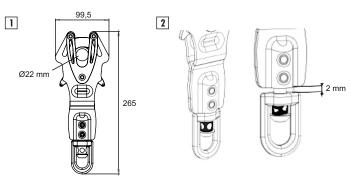
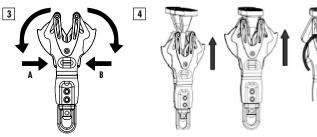
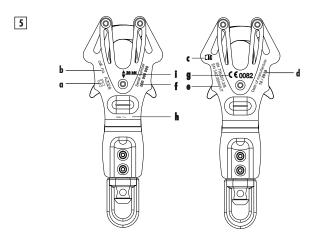


# **AUTOMATIC SNAP HOOK AZ028**

EN795:2012/B EN362:2004/A/T







# EN

PL-NOTE: Before use of this device please read and understand this instruction manual.

# **GENERAL INFORMATION**

Snap hook AZ028 is an anchor device compliant with EN 795:2012/B.

Snap hook AZ028 is an anchor device compliant with EN 362:2004.

Snap hook is made from aluminium alloy.

Snap hook is designed for use by one user at a time.

Static strength of snap hook is min. 20 kN

Snap hook conforms to Regulation of the European Parliament and of the Council (EU) of 9 March 2016 on personal protective equipment 2016/425.

Dimensions of snap hook are given in Figure 1. Opening of snap hook is 22 mm.

Snap hook is a connector between personal protective equipment and anchor point.

Figure 1. Dimensions and opening of snap hook

Snap hook AZ028 is provided with fall indicator. When arresting a fall the indicator becomes destroyed, thus the user is noticed to withdraw the device from use immediately. The fall indicator becomes deformed with forces above 2.5kN. It is made from aluminium and anodized in colour other than snap hook body to make it clearly visible. Once the indicator becomes deformed, extra clearance appears between the swivel and the body, and if the clearance exceeds 2mm the device may have been overloaded.

Figure 2. Fall indicator

# RELEASE OF ANCHOR POINT TO SERVICE

Before the device is used for the first time make sure to:

- inspect its technical condition
- · complete the Identity card with date of first release to service (record should be made by person in charge of personal protective equipment in user's organisation)

Anchor point should be used with relevant personal protective equipment against falls from height conforming to the following standards:

- EN 353-1, EN 353-2, EN 354, EN 355, EN 360 for fall arrest systems;
- EN 362 for connectors
- EN341, EN1496, EN1497, EN1498 for rescue equipment
- EN 361 for full body harnesses:

- EN 813 for sit harnesses:
- EN 358 for work positioning systems;
- EN 795 for anchor devices

Figure 3. Preparation of snap hook for installation

## INSTALLATION OF SNAP HOOK

Before snap hook is installed, make sure it is fully opened by pressing latches A and B simultaneously. Once pressed the latches will be opened and locked in open position. If only one latch is pressed, it will be opened, and once released the latch will be closed instantly.

Figure 4. Installation on anchor point.

When snap hook is opened install it on an anchor point by sliding snap hook over anchor point and pushing it in slightly. Snap hook will close automatically.

After closing check for proper and reliable fixation by pulling the snap hook.

## MARKING OF PRODUCT

- Manufacturer data b-Name of product
- Read the manual before use d-Date of manufacture No of standard e-
- f-Serial number of product
- No. of notified body supervising the product g-h-Number of simultaneous users of device. Axial tearing strength of snap hook

Figure 5. Marking of product

## ESSENTIAL PRINCIPLES FOR USE OF PERSONAL FALL PROTECTION EQUIPMENT

personal fall protection equipment should be used only by personnel trained in its use

personal fall protection equipment must not be used by a person with medical condition that could affect the safety of the equipment user in normal and emergency use.

develop a rescue plan to be implemented during operation whenever necessary.

being suspended in personal fall protection equipment (e.g. after arresting a fall) please note symptoms of

to avoid negative effects of suspension make sure a corresponding rescue action plan is prepared. It is recommended to use support tapes.

it is forbidden to make any alterations or additions to the equipment without prior written consent given by the manufacturer

any repair shall only be carried out by manufacturer of the equipment or his certified representative. personal fall protection equipment shall not be used for any purpose other than intended.

personal fall protection equipment provides individual protection and shall be used by one person only. before each use make sure that all parts of fall protection system cooperate correctly. Periodically examine connections and fitting of components of the equipment to prevent any accidental loosening or disconnection.

it is forbidden to use a combination of the equipment where function of any one item is affected by, or interferes with the function of any other.

before each use of personal fall protection equipment carry out a detailed inspection to ensure that the device is operable and operates correctly.

in particular, before use inspect all accessible elements of the equipment for any damages, excessive wear, corrosion, abrasion, cutting or improper function. On individual devices pay particular attention to:

- in full body harnesses, sit harnesses and work positioning devices: buckles, regulating elements, attachment points (buckles), webbing, seams, belt loops;
- in energy absorbers: attachment loops, webbing, seams, housing, connectors;
- in lanyards and textile guides: rope, loops, thimbles, connectors, regulating parts, splices; in lanyards and steel guides: rope, wires, clamps, loops, thimbles, connectors, regulating

parts:

in retractable type fall arresters: lanyard or webbing, retractor and locking mechanism for proper operation, housing, energy absorber, connectors;

- in guided type fall arresters: body, proper guiding, locking mechanism for proper operation, rollers, bolts and rivets, connectors, energy absorber;
- in metal parts (connectors, hooks, snap hooks): load-bearing body, rivets, main pawl, function of locking gear.

at least once a year, after each 12 months of use, personal fall protection equipment must be withdrawn from use to carry out periodic detailed inspection. Periodic inspection may be carried out by a properly qualified and skilled person. Also periodic inspection can be carried by manufacturer of the equipment or his authorized representative.

in some cases, if fall protection equipment has a complex design (e.g. fall arresters), periodic inspections can be carried out by manufacturer of the equipment, or his authorized representative only. After the periodic inspection, date of the next inspection should be defined.

regular periodic inspections are essential in respect of the equipment condition and safety of users which is dependant on functionality and durability of the equipment.

during periodic inspection it is necessary to check the legibility of all markings on the equipment (identity

label of the device). Do not use the equipment if marking is illegible.

it is essential for the user's safety that the product is re-sold outside the original country of destination the reseller must provide instructions for use, for maintenance, for periodic inspection and for repair in  $language\ of\ the\ country\ where\ the\ product\ is\ to\ be\ used.$ 

personal fall protection equipment must be withdrawn from use and discarded immediately (or other procedures based on instruction manual should be applied) if it has been used to arrest a fall.

full body harness compliant with EN 361 is the only device supporting user's body in fall arrest systems. fall arrest system can be connected to attachment points (buckles, loops) on full body harness marked with capital letter "A"

anchor point (device) of the fall protection equipment should have a stable structure and position so as to prevent a possibility of the load fall and minimize a free fall distance. Anchor point of the equipment should be located above the user's work station. The shape and construction of the anchor point shall not allow for a self-acting disconnection of the equipment. Minimum strength of anchor point of the equipment should be 12kN. It is recommended to use certified and marked anchor points of the equipment compliant

it is obligatory to verify the free space required under the user at workplace before each occasion of using the fall protection system, so that, in case of a fall, there is no collision with the ground or other obstacle in the fall path. The required free space should be determined on basis of the data given in the instruction manual of the equipment to be used

when using the equipment, inspect it on a regular basis, paying special attention to risks and damages affecting operation of the equipment

and the user's safety, and in particular to kinks and rope movement on sharp edges, oscillatory falls, electrical conductivity, any damages such as cuts, abrasions, corrosion, influence of extreme temperatures, negative influence of environmental factors, chemical substances.

personal fall protection equipment must be transported in a package (e.g.: bag made of moisture-proof

textile or foil bag or cases made of steel or plastic) to protect it against damage or moisture. personal fall protection equipment should be cleaned without causing adverse effect on the materials used in the production of the equipment. For textile materials (webbings, ropes) use agents suitable for delicate fabrics. Can be washed in hands or in a washing machine. Rinse thoroughly. Clean energy absorbers using damp cloth only. Do not immerse energy absorber in water. Wash textile products with water only. When the equipment becomes wet, either from being in use or after cleaning, allow it to dry naturally, and keep it away from sources of heat. In metallic products lubricate slightly some mechanical parts (springs, hinges, pawls, etc.) regularly to ensure their better operation.

personal fall protection equipment should be stored loosely packed in well-ventilated rooms, protected from direct light, UV degradation, dust, sharp edges, extreme temperatures and aggressive chemical substances

all parts of personal fall protection equipment must conform to instruction manuals for the equipment and standards in force:

- EN 353-1, EN 353-2, EN 354, EN 355, EN 360 for fall arrest systems;
- EN 362 for connectors EN341, EN1496, EN1497, EN1498 for rescue equipment
- EN 361 for full body harnesses;
- EN 813 for sit harnesses;
- EN 358 for work positioning systems;
- EN 795 for anchor devices

## PERIODIC INSPECTIONS

The device should be subject to a periodic inspection after at least each 12 months of usage, starting from date of the first use. Periodic inspection can be carried out only by a competent person with adequate knowledge and trained in periodic inspection of personal fall protection equipment. Conditions of the device use may influence the frequency of periodic inspections which may be carried out more frequently than after 12 months of usage. All periodic inspections must be recorded in the identity card for the device.

#### TIME OF USAGE

Maximum time of usage of correctly operating snap hooks is unlimited.

Snap hook must be withdrawn from use immediately and destroyed if it has been used to arrest a fall or there are any doubts concerning its function and reliability.

ATTENTION: Maximum time of usage of snap book depends on intensity and environment of use. If the device is used in heavy conditions, being exposed to frequent contact with water, sharp edges, corrosive substances, extreme of temperatures, it may be necessary to withdraw the device after only one use.

#### WARRANTY

The manufacturer grants a warranty for 12 months from the date of purchase of the device. If a defect is found in any part, the warranty and guarantee period for this part is extended by the time of repairs and effective removal of the defect found. The following are covered by the warranty: defects in material, structural defects, anti-corrosion coating defects.

According to the requirements of EN 365 an anchor point shall be subject to periodic inspections carried out at least every 12 months. Periodic inspection shall be carried out by a service point authorized by the Manufacturer or a person trained in inspections of such equipment.

A trained person is a person who, based on own specialized education and adequate experience, has sufficient knowledge in installed protective and rescue equipment, and is familiarized with applicable OHS regulations, guidelines and generally acknowledged technical rules to such extent that is able to assess safety of use and correct application of protection devices.

Before each use of the system check whether date of the next inspection is not expired. Do not use the device after this date. Before each use of the system visually check the system for its integrity and technical condition and whether steel cable is tensioned.

If any defect or lack of integrity is found, do not use the point.

If any doubts arise as regards the use of the equipment, please contact the manufacturer and never repair the equipment on your own!

A system which has been used to arrest a fall must be withdrawn from use immediately!

The system which has been used to arrest a fall may be admitted for use again after a detailed inspection is carried out by the manufacturer or an authorized service point.

When using the system, pay special attention to risks affecting the protective equipment operation or the user's safety, and in particular to kinks and rope movement on sharp edges, oscillatory falls, electricity, influence of extreme temperatures, equipment damage, adverse environmental factors, chemical substances and contamination.

Neither modify, repair components of the system nor replace them with non-original spare parts.

PROTEKT - Starorudzka 9 - 93-403 Łódź - Poland

tel. +4842 6802083 - fax. +4842 6802093 - www.protekt.com.pl

Notified body responsible for EU type test certification in accordance with Regulation 2016/425: PRS - No.1463, Polski Rejestr Statków S.A. al. gen. Józefa Hallera 126 80-416 Gdańsk, Poland

Notified body responsible for supervision of manufacturing of the equipment: APAVE SUD EUROPE SAS (no 0082) - CS 60193 - F13322 MARSEILLE CEDEX 16 - FRANCE

# **IDENTITY CARD**

It is the responsibility of the user organisation to provide the identity card and to fill in the details required. The identity card should be filled in before the first use by a competent person, responsible inthe user organization for protective equipment. Any information about the equipment like periodic inspections, repairs, reasons of equipment's withdrawal from use shall be noted into the identity card by a competent person in the user organization. The identity card should be stored during a whole period of equipment utilization. Do not use the equipment without the identity card.

| MODEL AND TYPE OF EQUIPMENT |  |
|-----------------------------|--|
| SERIAL/BATCH NUMBER         |  |
| REFERENCE NUMBER            |  |
| DATE OF MANUFACTURE         |  |
| DATE OF PURCHASE            |  |
| DATE OF FIRST USE           |  |
| USER NAME                   |  |

| PERIODIC INSPECTION AND REPAIR HISTORY CARD |                                       |  |  |                            |  |
|---|---------------------------------------|--|--|----------------------------|--|
| DATE OF<br>INSPECTION                       | REASON FOR<br>INSPECTION<br>OR REPAIR | DEFECTS,<br>CONDITION NOTED<br>REPAIRS CARRIED OUT | NAME AND SIGNATURE<br>OF COMPETENT<br>PERSON | NEXT<br>INSPECTION<br>DATE |  |
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