

**ADMISSIBLE TIME OF USE**

The snap hook can be used for 5 years. After this period the device must be withdrawn from use to carry out manufacturer's detailed inspection.

The manufacturer's inspection can be carried out by:

- manufacturer
- or person recommended by manufacturer
- or company recommended by manufacturer.

During this inspection will be established admissible time of the snap hook use till next manufacturer's inspection.

The snap hook must be withdrawn from use immediately and destroyed when it have been used to arrest a fall.

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 IN THE 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.  
 THE IDENTITY CARD SHOULD BE STORED DURING A WHOLE PERIOD OF EQUIPMENT UTILIZATION.  
 DO NOT USE THE EQUIPMENT WITHOUT THE IDENTITY CARD.  
 ALL RECORDS IN THE IDENTITY CARD CAN BE FILLED IN ONLY BY A COMPETENT PERSON.

# IDENTITY CARD

MODEL AND TYPE OF EQUIPMENT	
REF. NUMBER	
SERIAL NUMBER	DATE OF MANUF.
USER NAME	
DATE OF PUTTING INTO OPERATION	
DATE OF PURCHASE	

## PERIODIC EXAMINATION AND REPAIR HISTORY

DATE	REASON FOR ENTRY PERIODIC EXAMINATION OR REPAIR	DEFECTS NOTED, REPAIRS CARRIED OUT AND OTHER REVELANT INFORMATIONS	NAME AND SIGNATURE OF COMPETENT PERSON	PERIODIC EXAMINATION NEXT DUE DATE
1				
2				
3				
4				



POLAND  
93-403 Lodz  
ul. Starorudzka 9

tel: (+48 42) 680 20 83  
fax: (+48 42) 680 20 93  
www.protekt.com.pl



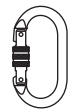
## Instruction Manual READ CAREFULLY BEFORE USE THE EQUIPMENT

CE 0082 EN 362:2004

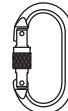
# PROTEKT® SNAP HOOK

EC type examination carried out by APAVE SUDEUROPE SAS - CS 60193 - 13322 MARSEILLE CEDEX 16 - FRANCE  
 APAVE SUDEUROPE SAS is Notified body involved EC type Examination and involved in the production control phase


### Snap hooks with screw locking



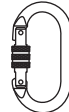
**AZ 011**  
steel  
snap hook class B  
opening 18 mm



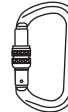
**AZ 011A**  
light alloy  
snap hook class B  
opening 18 mm




**AZ 013A**  
light alloy  
snap hook class B  
opening 25 mm



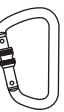
**AZ 011inox**  
stainless steel  
snap hook class B  
opening 18 mm




**AZ 012**  
light alloy  
snap hook class B  
opening 19 mm




**AZ 014**  
light alloy  
snap hook class B  
opening 24 mm




**AZ 017**  
steel  
snap hook  
class B  
opening 25 mm



**AZ 018**  
steel  
snap hook  
class B  
opening 22 mm




**AZ 055**  
light alloy snap hook - class T  
opening 50 mm




**AZ 055i**  
light alloy snap hook - class T  
opening 50 mm


### Snap hooks with double finger locking




**AZ 002**  
steel  
snap hook class T  
opening 17 mm




**AZ 002A**  
light alloy  
gate opening 24 mm




**AZ 022**  
steel  
snap hook  
class A  
opening 50 mm




**AZ 023**  
light alloy  
snap hook  
class A  
opening 55 mm




**AZ 024**  
light alloy  
snap hook class A  
opening 110 mm




**AZ 025**  
steel  
snap hook class A  
opening 83 mm



**AZ 061AS**  
light alloy  
snap hook class T  
opening 23 mm

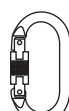


**AZ 061ASi**  
light alloy  
snap hook class T  
opening 23 mm

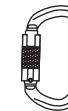


**AZ 060**  
steel (galvanized)  
snap hook class T  
gate opening 21 mm

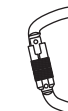
### Snap hooks with automatic locking "twist-lock"




**AZ 011T**  
steel  
snap hook class B  
opening 18 mm



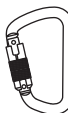
**AZ 012T**  
light alloy  
snap hook class B  
opening 19 mm




**AZ 014T**  
light alloy  
snap hook class B  
opening 24 mm




**AZ 014DT**  
light alloy  
snap hook class B  
opening 22 mm




**AZ 017T/DT**  
steel  
snap hook class B  
opening 25 mm




**AZ 018T**  
steel  
snap hook class B  
opening 22 mm




**AZ 019T**  
light alloy  
snap hook class B  
opening 27 mm



**AZ 019DT**  
light alloy  
snap hook class B  
opening 27 mm



**AZ 111**  
light alloy  
snap hook class B  
opening 42 mm

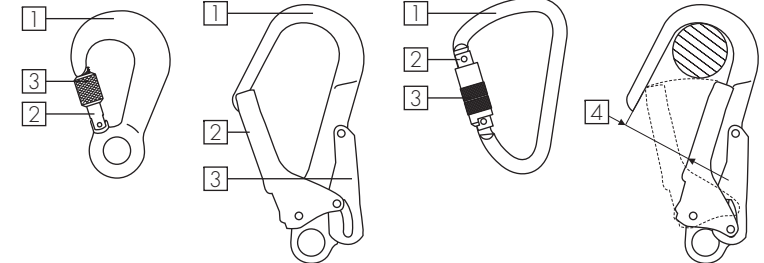


**AZ 072DT**  
zinc plated steel  
snap hook class T  
opening 21 mm

Snap hook is a component of the personal protective equipment against falls from a height. Snap hook must conform to EN 362 - Personal protective equipment against falls from a height - connectors. Snap hook is the openable device used to connect components of fall arrest equipment into complete fall arrest system.

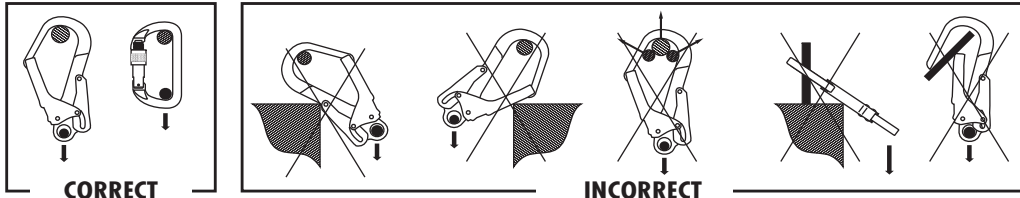
### BASIC EQUIPMENT

- 1 body
- 2 gate
- 3 gate locking gear
- 4 gate opening - maximum gap for the passage of an element into the snap hook and which allows the correct functioning of the gate-locking feature

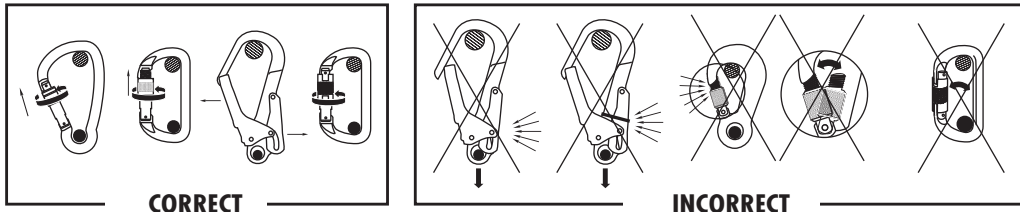


## BASIC RULES OF USING THE SNAP HOOK

- before each use, a close visual examination of the snap hook components (body, gate, locking gear) must be carried out in respect of mechanical, chemical and thermal defects. The examination must be done by a person who is going to use the snap hook. In the case of any defect or doubt of correct condition of the snap hook do not use the snap hook.
- using the snap hook, in connection with fall arrest system, must be compatible with manual instructions of the fall arrest systems and obligatory standards:
  - EN361 -for the safety harness;
  - EN353-1, EN353-2, EN355, EN354, EN360 -for the fall arrest systems;
  - EN341 -for the rescue equipment;
  - EN358 -for the work positioning equipment.
- the snap hooks with manual locking (e. g. screw locking) shall be acceptable only in cases where the user does not have to attach and remove the snap hook many times a working day.
- during use the snap hook must be protected from a contact with acids, solvents, basics, open fire, hot metal drops and sharp edges. If you have any doubts about the conditions where the snap hook will be used, ask the producer.
- before use the fall arrest system, the rescue operation must be introduced to avoid any danger that can happen during using the equipment.
- the shape of the structural anchor point should not let self-acting snap hook disconnection see the drawings:



- necessarily protect the snap hook gate with locking gear - see the drawings:



- the length of the snap hook should be taken into account when used in any fall arrest system as it will influence the length of a fall.
- it must be taken into consideration that some situations during use may reduce the length of the snap hook, e. g. connecting to wide straps.

## CONTENT OF THE SNAP HOOK MARKING

Check the legibility of the product markings before each use, otherwise withdrawn from use.

reference number of the device ———— **AZ 018**


number of the manufacturing series  
(month/year or year of the device manufacture) ———— **03/05 (or 2005)**

CE mark and identity number of the  
authorized body responsible  
for controlling manufacture of the device **CE 0082**

European standard  
(number:year/class) ———— **EN 362:2004/B**

marking of the manufacturer  
or distributor **CP**

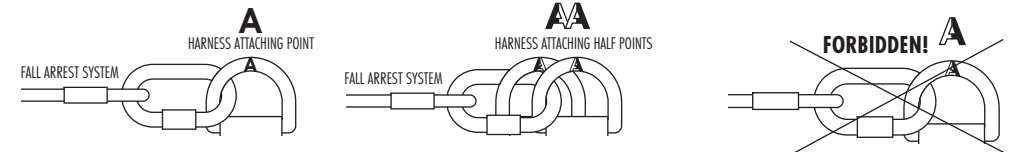


 — necessity of knowledge  
the instruction manual  
before using the device

**↔ 20 kN** — minimum strength for the major axis  
when closed and locked position.

## THE ESSENTIAL PRINCIPLES FOR USERS OF PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT

- personal protective equipment shall only be used by a person trained and competent in its safe use.
- personal protective 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.
- a rescue plan shall be in place to deal with any emergencies that could arise during the work.
- it is forbidden to make any alterations or additions to the equipment without the manufacturer's prior written consent.
- any repair shall only be carried out by equipment manufacturer or his certified representative.
- personal protective equipment shall not be used outside its limitations, or for any purpose other than that for which it is intended.
- personal protective equipment should be a personal issue item.
- before use ensure about the compatibility of items of equipment assembled into a fall arrest system. Periodically check connecting and adjusting of the equipment components to avoid accidental loosening or disconnecting of the components.
- it is forbidden to use combinations of items of equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
- before each use of personal protective equipment it is obligatory to carry out a pre-use check of the equipment, to ensure that it is in a serviceable condition and operates correctly before it is used.
- during pre-use check it is necessary to inspect all elements of the equipment in respect of any damages, excessive wear, corrosion, abrasion, cutting or incorrect acting, especially take into consideration:
  - in full body harnesses and belts - buckles, adjusting elements, attaching points, webbings, seams, loops;
  - in energy absorbers - attaching loops, webbing, seams, casing, connectors;
  - in textile lanyards or lifelines or guidelines - rope, loops, thimbles, connectors, adjusting element, splices;
  - in steel lanyards or lifelines or guidelines - cable, wires, clips, ferrules, loops, thimbles, connectors, adjusting elements;
  - in retractable fall arresters - cable or webbing, retractor and brake proper acting, casing, energy absorber, connector;
  - in guided type fall arresters - body of the fall arrester, sliding function, locking gear acting, rivets and screws, connector, energy absorber;
  - in connectors - main body, rivets, gate, locking gear acting.
- after every 12 months of utilization, personal protective equipment must be withdrawn from use to carry out periodical detailed inspection. The periodic inspection must be carried out by a competent person for periodic inspection. The periodic inspection can be carried out also by the manufacturer or his authorized representative. In case of some types of the complex equipment e.g. some types of retractable fall arresters the annual inspection can be carried out only by the manufacturer or his authorized representative.
- regular periodic inspections are the essential for equipment maintenance and the safety of the users which depends upon the continued efficiency and durability of the equipment.
- during periodic inspection it is necessary to check the legibility of the equipment marking.
- it is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in language of the country in which the product is to be used.
- personal protective equipment must be withdrawn from use immediately when any doubt arise about its condition for safe use and not used again until confirmed in writing by equipment manufacturer or his representative after carried out the detailed inspection.
- personal protective equipment must be withdrawn from use immediately and destroyed when it have been used to arrest a fall;
- a full body harness is the only acceptable body holding device that can be used in a fall arrest system.
- in full body harness use only attaching points marked with big letter "A" to attach a fall arrest system. Marking like "A/2" or a half of "A" means the necessity of attaching a fall arrest system to both attaching points together simultaneously. It is strictly forbidden to attach a fall arrest system to the single attaching point marked "A/2" or a half of "A". See drawings below:



- the anchor device or anchor point for the fall arrest system should always be positioned, and the work carried out in such a way, as to minimise both the potential for falls and potential fall distance. The anchor device/point should be placed above the position of the user. The shape and construction of the anchor device/point shall not be allowed to self-act disconnection of the equipment. Minimal static strength of the anchor device/point is 12 kN. It is recommended to use certified and marked structural anchor point complied with EN795.
- it is obligatory to verify the free space required beneath the user at the workplace before each occasion of use the fall arrest system, so that, in the case of a fall, there will be no collision with the ground or other obstacle in the fall path. The required value of the free space should be taken from instruction manual of used equipment.
- there are many hazards that may affect the performance of the equipment and corresponding safety precautions that have to be observed during equipment utilization, especially:
  - trailing or looping of lanyards or lifelines over sharp edges,
  - any defects like cutting, abrasion, corrosion,
  - climatic exposure,
  - pendulum falls,
  - extremes of temperature,
  - chemical reagents,
  - electrical conductivity.
- personal protective equipment must be transported in the 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.
- the equipment can be cleaned without causing adverse effect on the materials in the manufacture of the equipment. For textile products use mild detergents for delicate fabrics, wash by hand or in a machine and rinse in water. Plastic parts can be cleaned only with water. When the equipment becomes wet, either from being in use or when due cleaning, it shall be allowed to dry naturally, and shall be kept away from direct heat. In metallic products some mechanic parts (spring, pin, hinge, etc.) can be regularly slightly lubricated to ensure better operation. Other maintenance and cleaning procedures should be adhered to detailed instructions stated in the manual of the equipment.
- personal protective equipment should be stored loosely packed, in a well-ventilated place, protected from direct light, ultraviolet degradation, damp environment, sharp edges, extreme temperatures and corrosive or aggressive substances.