- 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.

ADMISSIBLE TIME OF USE

The pipe anchor 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 After this period the device must be withdrawn from use to carry out manufacturer's detailed inspection.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 pipe anchor use till next manufacturer's inspection.

The pipe anchor must be withdrawn from use immediately and destroyed when it have been used to arrest a fall.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 INTHE USER ORGANIZATION FOR PROTECTIVE EQUIPMENT.
ANY INFORMATION ABOUT THE EQUIPMENT LIKE PERIODIC INSPECTIONS, REPAIRS, REASONS OF EQUIPMENT'S WITHDRAWN FROM USE SHALL BE NOTED INTO THE IDENTITY CARD BY A COMPETENT PERSON.
THE IDENTITY CARD SHOULD BE STORAGED 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					

SafetyLiftinGear.com
Unit R1D Rockingham Gate Poplar Way
West Cabot Park Bristol BS11 0YW
Tel: 0808 123 69 69 Fax: 0117 9381 602
sales@safetyliftingear.com

Notified body, at which the European certification was performed and which supervises the production of the equipment:
APAVE SUDEUROPE SAS - BP 193 -
13322 MARSEILLE CEDEX 16 - FRANCE

Instruction Manual

READ CAREFULLY BEFORE USE THE EQUIPMENT

CE 0082 EN 362:2004/A

PIPE ANCHOR

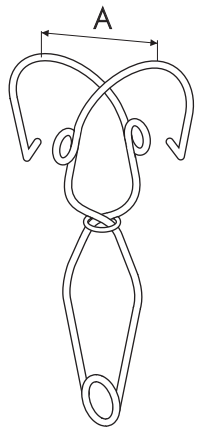
The pipe anchor is a component of a personal fall arrest equipment. It is used as a connector between structural anchor point and a fall arrest device.
The pipe anchor complies with EN 362.

CONSTRUCTION

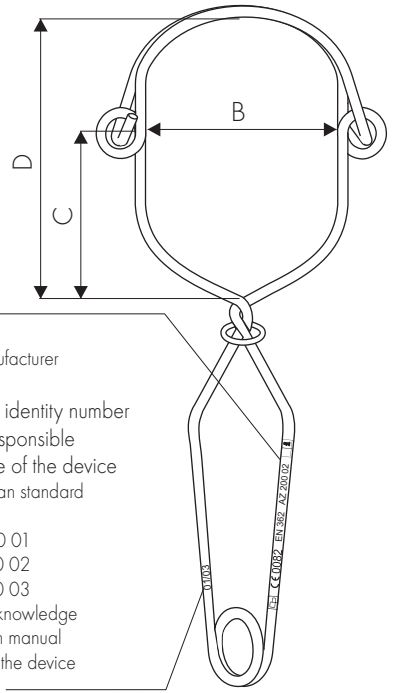
The pipe anchor is made of one piece stainless steel bar of diameter 6mm.
The pipe anchor is manufactured in 3 sizes.
The size depends on inside clearance (A) which determinates a radius of profile on which the pipe anchor can be installed.

The pipe anchor sizes:

dimension	size/reference number		
	small/AZ 200 01	middle/AZ 200 02	large/AZ 200 03
A	80	100	120
B	81	112	140
C	85	105	125
D	128	175	208



"A" - gate opening - maximum gap for the passage of an element into the pipe anchor and which allows the correct functioning of the gate-locking feature

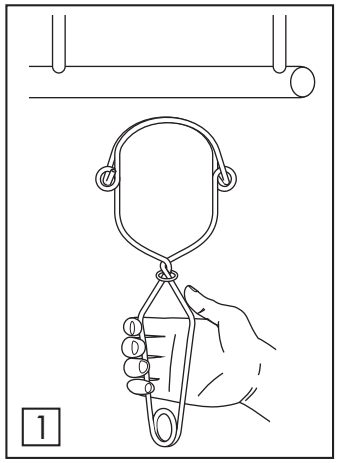


MARKING:
- - marking of manufacturer or distributor
- CE 0082 - CE mark and identity number of the authorized body responsible for controlling manufacture of the device
- EN 362:2004/A - European standard (number / year / class)
- reference number - AZ 200 01
  AZ 200 02
  AZ 200 03

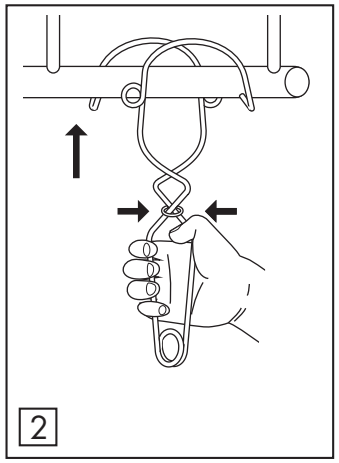
necessity of knowledge the instruction manual before using the device

MANUFACTURING SERIES (serial number):
"01/05" - also denotes month and year of manufacturing

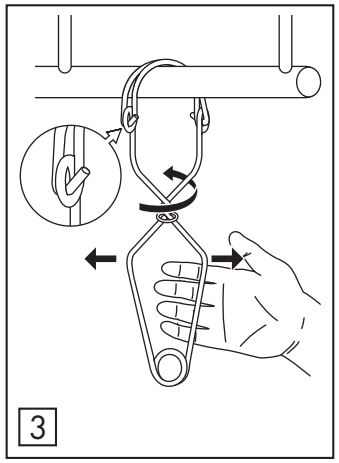
INSTALATION OF THE PIPE ANCHOR



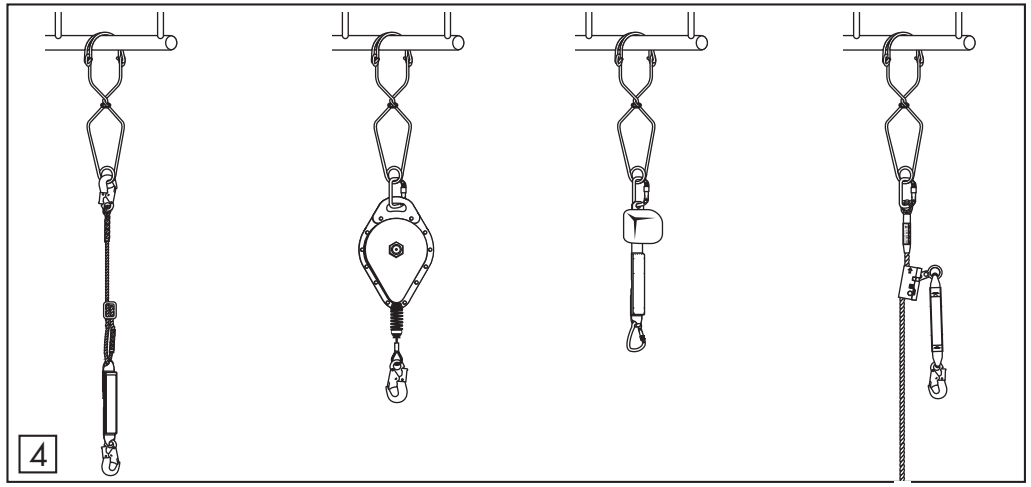
Hold the anchor grip with one hand



Squeeze the grip to open anchor arms to needful distance.
Install the anchor on construction element.



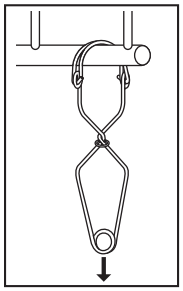
Release the grip, turning the anchor simultaneously.
Necessarily make sure that the pipe anchor is properly closed and installed on the construction element.



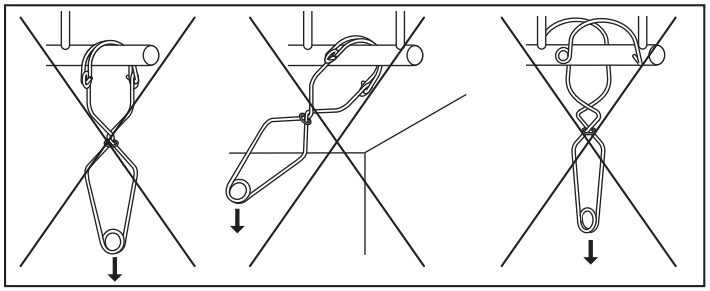
Connect a fall arrest device to the pipe anchor ending, e.g. energy absorber with lanyard, fall arrester or working rope of guided type fall arrester.

STRUCTURAL ANCHOR POINT TO WHICH WILL BE CONNECTED THE PIPE ANCHOR SHOULD BE SITUATED ABOVE WORKING POSITION AND SHOULD HAVE STATIC RESISTANCE MIN. 10 kN.

THE SHAPE OF THE STRUCTURAL ANCHOR POINT SHOULD NOT LET SELF-ACTING PIPE ANCHOR DISCONECTION



CORRECT

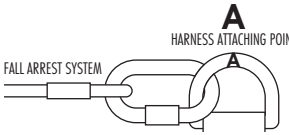


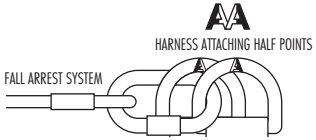
INCORRECT

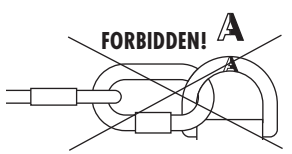
- using the pipe anchor, in connection with fall arrest system, must be compatible with manual instructions of the fall arrest systems and obligatory standards:
- EN361 - for the safety harness;
- EN353-1, EN353-2, EN355, EN354, EN360 - for the fall arrest systems;
- EN341 - for the rescue equipment;
- EN358 - for the work positioning equipment.
- the connectors with manual locking shall be acceptable only in cases where the user does not have to attach and remove the snap hook many times during a working day.
- the length of the pipe anchor 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 stength of the pipe ancor, e. g. connecting to wide straps.

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 every12 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 allowed to self-acting disconnection of the equipment. Minimal static strength of the anchor device/point is 10 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.