



Before using the connector you must carefully read the instruction of use for this equipment

## INSTRUCTION OF USE

CE 2834

Connector JE5017

EN 362:2004

### DESCRIPTION

Manufactured according to PPE Regulation (EU) 2016/425, EN362:2004. Steel connector JE5017 was designed and made according to European standard EN 362:2004. The supervision over the structure and design of the product is exercised by INSPEC INTERNATIONAL LTD. (Notified body nr 0194) The connector is a component of personal protective equipment that protects against fall in compliance with the standard EN 362:2004. The connector is used to connect the individual components of the fall arrest system into one whole. The connector can be an integral part of the fall arrest component (e.g. safety lines) or it can be a separate component of the fall arrest system.

### STRUCTURE of steel connector JE5017:

1. Locking mechanism
2. Main trigger
3. Body

Connectors JE5017 are made of 35CrMo steel

### CORRECT USE OF THE CONNECTOR

The connector has a manual screw lock (fig.1, pt 1). Connector with manual lock should be used when the work does not require its repeated connecting and disconnecting during work.

Before using the connector, you should inspect: connector's overall condition, if there are any deep scratches, if there are any damage caused by impacts, if the lock work properly (including the twisting of the lock), whether the conditions for using this protective equipment against fall were met. Inspection and checking is performed by the person using the connector. This applies to the other components. In order to allow proper control of the technical condition of the equipment, the connector should be used by one person only. The connector that took part in fall prevention can't be used, without an inspection carried out by the manufacturer or a person authorized by him. In the case of the connector, including the fall arrest equipment, the anchoring point should be above the user. The anchoring point should have adequate strength against forces caused by a possible fall of the user. Before each use of fall arrest system that include a connector, the user should check if all of the devices are correctly attached and can work together without any disturbances and if they are compliant with applicable standards:

- EN 354, EN 355-1, EN 353-2, EN 369, EN 363 – for fall arrest subassemblies
- PN-EN 795 – for anchoring points ( elements of stable structure )
- PN EN341 – for evacuation devices.
- EN 361 – for safety harness
- EN 358 – for work in suspension.

Protect the connector during work from contact with solvents, acids, alkalis, open flames, hot metal splashes and sharp-edged objects. If in doubt about the working conditions, please contact the manufacturer to determine the applicability.

The anchoring point of the solid stable structure needs to have a shape that prevents accidental disconnection or damage of the connector. It should be connected according to the direction of stress. The structure's anchoring point to which the fall arrest system is connected to, which includes the connector should be located above the workplace and have static strength of min. 10 kN. The use of marked and certified solid structure points in accordance with EN 795 is recommended.

It is essential to remember to secure the trigger with the locking mechanism.

8. At least once every 12 months an interim review should be carried out for every component of the fall arrest system by a trained person responsible for periodic inspections of personal protective equipment. Periodic inspections may also be carried out by the equipment manufacturer or a person or company authorized by the manufacturer. After the periodic inspection, the date of the next one should be specified. Regular periodic inspections are an essential matter determining the state of the equipment and user's safety, but they do not absolve the user from checking the equipment before use, look pt. 5.

9. All information regarding the personal protective equipment against falls from height (name, serial number, date of purchase, putting into use, user's name, information on repairs and withdrawal from use) must be included in the use sheet for the equipment. The workplace in which the equipment is used is responsible for entries in the use card. The card is filled by the person responsible in the workplace for the protective equipment. Do not use equipment that does not have a filled out use card.

10. When using the equipment, pay special attention and avoid dangerous phenomena affecting the operation of the equipment and the user's safety, in particular: looping ropes, moving ropes on sharp edges, direct contact of equipment components with sharp edges, wear or damage of equipment under the influence of climatic factors including UV radiation, shuttle falls, extreme temperature influences, chemicals or corrosive substances, conductivity.

11. The personal protective equipment against falls from height can be used at ambient temperature from -40°C to +80°C.

12. The personal protective equipment against falls must be immediately withdrawn from use if there are doubts about the technical condition or its correct operation. Re-introduction of the equipment for use may take place after a detailed technical inspection, with written consent for the re-use of the equipment by the manufacturer.

13. Safety harness must be withdrawn from use if they took part in fall prevention and must be permanently destroyed.

14. Only the safety harness compliant with standard EN 361 is an acceptable device used to support the body as an personal protection equipment against fall.

15. Anchorage points for fall protection equipment should have a stable structure and a position limiting the possibility of falling and minimize the length of free fall. Anchorage points should be above the user's workstation. The shape and construction of the equipment anchorage points must ensure permanent connection of the equipment and can't lead to its accidental disconnection. The minimum static strength of anchorage points to protect against fall from a height is 10kN. It is recommended to use certified and marked equipment anchorage points in accordance with PN-EN 795.

16. It is mandatory to check the free space under the workstation where the personal protective equipment will be used to protect against falling from a height in order to avoid hitting objects or surfaces while stopping the fall. The value of the required free space under the work place should be checked in the instructions of use of the protective equipment that we intend to use, e.g. for safety shock absorbers with a rope, the required free space should be 6.5 m (fig 3)

17. Personal protective equipment against fall from a height should be transported in the packaging in order to protect against damage, moisture and UV radiation. It should be stored in well ventilated dry rooms, protected from UV radiation, dust, sharp objects, extreme temperatures and caustic substances.

18. The personal protective equipment against falls from height should be cleaned and disinfected so as not to damage the material ( raw material ) from which it is made. Textiles should be cleaned with cleaning agents for delicate fabric. It can be cleaned by hand or in washing machine. Rinse thoroughly. Parts made of plastic should be washed in water only. Damped during cleaning or during use, the equipment should be thoroughly dried in natural conditions, away from source of heat. Metal parts and mechanisms can be periodically lightly lubricated to improve their performance.

19. If the personal protective equipment against fall from height is sold outside the country of origin, the supplier must provide instruction of use, instruction of maintenance and information on periodic inspections and repairs of the equipment in the language of the country in which the equipment will be used.

20. It is forbidden to use personal protective equipment to protect against fall from height, if the marking is illegible, check the readability of the markings before each use.

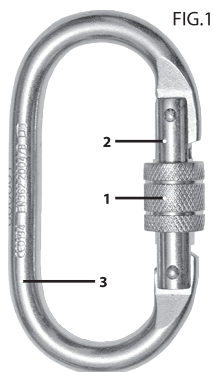


FIG. 1

Always take into account the length of the connector in the fall arrest system because it affects the height of the fall. The guarantee of proper operation of the trigger is periodic (e.g. 1 per month) lubrication of moving parts of the connector with silicone oil or other with similar properties.

It is necessary to pay attention to some elements connected with the connector that may reduce its strength, e.g. connecting the connector with wide straps

### Description of applications and compliance:

The connector is intended for use in order to prevent falls from a height during general construction works, works on roofs and facades of the building, electric poles, rescue operations, etc. The connector has been designed to combine various components of fall arrest equipment and anchoring systems.

### SHELF LIFE

All products manufactured by JECH can be used for up to 10 years since date of production. At least once every 12 months an interim review should be carried out for every component of the fall arrest system. The frequency of such inspection must be regulated by the type, intensity and frequency of use.

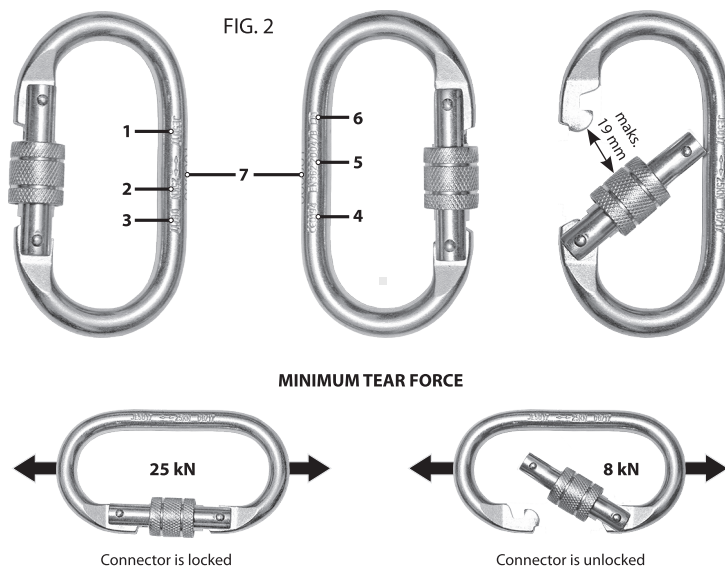
### RULES FOR USING FALL ARREST SYSTEMS

1. The fall arrest system is a personal protective equipment and should be used by one person only.
2. Personal protective equipment against falls from height can be used only by the person that is trained in their use. It can't be used by a people whose health condition may affect safety (in everyday work as well as in rescue operation).
3. Before starting work at heights, a rescue plan should be prepared.
4. Any modification to the fall arrest devices are prohibited without written permission of manufacturer, and the repair of the equipment may only be carried out by the manufacturer or his authorized representative.
5. Before each use check connections and matching components of equipment to avoid loosening or disconnecting, check that all components of the equipment creating the fall arrest system work properly with each other. Perform a thorough inspection to assure the condition and correct operation. It is forbidden to use fall arrest system if any of the component of the system is preventing the functioning of any other component.
6. During the inspection, all equipment elements should be checked, paying special attention to any damage, excessive wear, corrosion, abrasion, cuts and incorrect operation. Special attention should be paid to individual devices:
  - In safety harness it's straps, adjusting elements, buckles, attachment elements, loops and stitches;
  - In Energy absorbers it's anchoring loops, straps, stitches, rope (if there is any), connectors, rubber casing;
  - In ropes and sliding fall arresters it's rope, loops, thimbles, connectors and adjusting elements;
  - In retractable type fall arrester it's rope or webbing, casing, energy absorber, connector, checking if retractor works correctly as well as locking device;
  - In self-locking device it's the body of the device, correct movement along the guide, locking device, rollers, screws and rivets, connectors, energy absorbers;
  - In connectors it's body, rivets, trigger, locking mechanism.
7. Before each use of fall arrest system, the user should check if all of the devices are correctly attached and can work together without any disturbances and if they are compliant with applicable standards:
  - PN-EN354, PN-EN 355, PN-EN 353-1, PN-EN 353-2, PN EN 360, PN EN 362 – for fall arrest subassemblies
  - PN-EN 795 – for anchoring points ( elements of stable structure )
  - PN EN341 – for evacuation devices.
  - PN EN 358 – for devices for work in suspension.

### MARKING DESCRIPTION

Connector JE5017 has following markings (fig. 2):

1. Model and manufacturer's brand JECH: JE5017
2. Stress direction and minimum tear force 25 kN
3. Manufacturing date (month and year)
4. Certification marking: CE Notified body number: 2834
5. The European standard which this individual protection measure fulfills with the indication of the method of closing as a component of protection against falling from a height: EN 362:2004/B
6. Before using connector JE5017 please read the instructions of use of the device carefully.
7. Individual series number



MINIMUM TEAR FORCE



Certification and Supervision:  
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Declaration of Conformity download at: www.oxyline.eu/dc

I-JE1058; Wyd. 5; rev. 08.01.2020; Oxyline sp. z o.o.