UK CA | CE0082
EN362:2004

LIFEGEAR.UK

LIFEGEAR.UK, BRISTOL, ENGLAND

R05T

Gate openning = 19mm

Class B

The connector R05T is classed as a personal protective Equipment(PPE) by the European Regulation 2016/425 and has been shown to comply with this regulation through the Harmonized European Standard EN362:2004. This product is designed to provide protection against falling from a height.
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 the language of the country in which the product is to be used.

CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT

Carabiner Operation

To connect the carabiner to the connection point, rotate the gate clockwise and push to the center of the carabiner. When positioned around a connection point, release the gate and rotate anti clockwise to lock.

Warning

--The connector must only be used with the gate closed and locked. Its strength is greatly reduced if the gate is open.
--Systematically verify the gate is closed by pressing it with your hand and lock the carabiner gate manually if necessary.
--The connector is strongest when closed and loaded on its major axis. Any other positions reduces its strength**.**
Never exceed the rated strength of the carabiner.

-- Hazards that may affect the performance of the equipment and corresponding safety precautions that have to be observed e.g: extremes of temperature, trailing or looping of lanyards or lifelines over sharp edges, chemical reagents, electrical conductivity, cutting, abrasion, climatic exposure, pendulum falls.
-- Medical conditions that could affect the safety of the user in normal and emergency use of the equipment. Such as acrophobia etc.
--Dangers may arise from the use of combinations of equipment in which the safe function of any one item is affected by, or interferes with the safe functions of another. Ensure the compatibility of items of equipment when assembled into a system.

- Avoid loading a connector across its gate when in use.
- After use, the carabiner should be subjected to maintenance procedures as relevant to the equipment, e.g. Lubrication.
- A full body harness is the only acceptable body holding device that can be used in a fall arrest system.
- Regular periodic examinations are necessary. The safety of the users depends upon the continued efficiency and durability of the equipment.

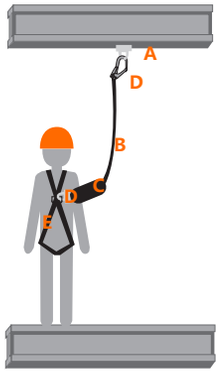
Limitation of Use

It is designed to be used as connector for fall arrest, work positioning, restraint, suspension, or rescue systems. This product must not be loaded beyond its strength rating, nor be used for any purpose other than for which it is designed.

Anchor Point

It is essential to verity the free space required beneath the user at work place before each occasion of use,so that, in the case of a fall, there will be no collision with the ground or other obstacle in the fall path.
Avoid using in extremes of temperature, trailing or looping of lanyards of lifelines over sharp edges, chemical reagents, cutting, abrasion, climatic exposure & pendulum falls.

The anchorage point should conform to EN795, be chosen so as to avoid collision with other objects in the event of a fall.
The anchor device or anchor point for 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 place above the position of user. in such a way, as to minimise both the potential for falls and potential fail distance.
The shape and construction of the anchor device/ point shall not allow self-acting disconnection of the equipment.
Minimal static strength of anchor device/point is 12 kN.
This connector must be used in conjunction with equipment which conform to the European standards (EN 362-EN361 - EN795 - EN363 - etc.) and the user need make sure all recommendations of every piece of equipment composing the fall arrest system are understood and applied.
The connector must be attached to the fall arrest attachment point of the harness or the anchor point. (example like the picture as below)



A anchor point
B lanyard
C energy absorber
D connector
E full body harness

Lifespan

The expected lifespan of the connector is unlimited, but inspection before each use is obligatory. The lifespan greatly depends upon the conditions of use.

Compatibility

Connectors must be compatible with other system components: full body harness, energy absorber and lanyard. Non-compatible connectors may unintentionally disengage. Fall protection systems must conform to EN363.
A full body harness is the only acceptable body holding device that can be used in a fall arrest system.
The length of the connector should be taken into account when used in any fall arrest system, as it will influence the length of a fall.

Pre-use Visual Inspection

Always complete a visual inspection of the carabiner immediately before use to ensure that it is in a serviceable condition and operates correctly;
The carabiner should have no sharp, burr, damaged, missing part, cracks, nicks or breaks in the metal. The carabiner should have no deformation, sign of corrosion, heat damage. The carabiner should have good and correct function.
Equipment is withdraw from use immediately if:
1/ any doubt arise about its condition for safe use or;
2/ it have been used to arrest a fall and must not be used again until confirmed in writing by a competent person that it is acceptable to do so.

Periodic examination

The carabiner must be inspected by a competent person other than the user at intervals set out within the relevant regulations. The competent person inspection is referred to as a thorough examination.
Recommendation: in regard to the frequency of periodic examinations, taking account of such factors as legislation, equipment type, frequency of use, and environmental conditions. The periodic examination frequency shall be at least every 12 months.
Periodic examinations are only to be conducted by a competent person for periodic examination and strictly in accordance with the manufacturer's periodic examination procedures.
Check the legibility of the product markings in periodic examination.

Formal inspection checklist and code

Type of Part Insp	Condition	Code	Overall Assessment code
Metallic	Deformed/fractured	M1	
	Corroded/deep pits	M2	
	Missing/lose	M3	MA-Metallic acceptable
	Heat exposure	M4	
	Chemical exposure	M5	
	Burrs/Sharp edge	M6	
	Cuts/deep nicks	M7	MN-Metallic not acceptable
	Malfunction	M8	
	Other	M9	

Trained User

Ensure that the medical conditions of the user is fit for using the equipment. The equipment shall only be used by a person trained and competent in its safe use. A rescue plan needs to be established to deal with any emergencies that could arise during the work. Users must be aware that forces experienced during the arrest of a fall or prolonged suspension may cause injury.

Rescue

Before and during use, consideration should be given as to how any rescue could be safely and efficiently carried out.

Storage & Transportation

Store the carabiner in a cool, dry and clean place out of direct sunlight. Avoid area where heat, moisture, light, oil, or their vapors or other degrading elements may be present.
For transporting the carabiner, it should be packed in a poly bag with desiccant and not together with any sharp edged tools.

Repair & Replace

Do not make any alterations or additions to the equipment without the manufacturer’s prior written consent. And any repair shall only be carried out in accordance with the manufacturer’s procedures.

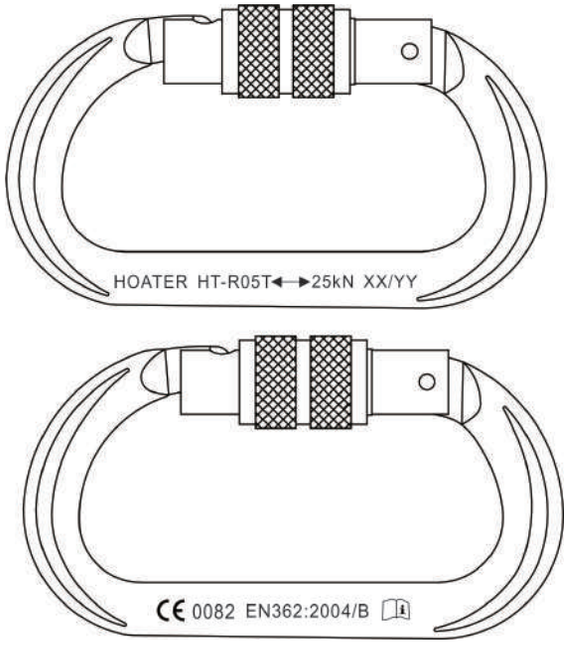
Cleaning

Clean the carabiner with a lightly oiled cloth. Excessive accumulation of dirt, paint or other foreign matter may prevent proper function of carabiner. Questions concerning the condition of the carabiner, or any doubt about putting the carabiner into service, please contact the qualified safety engineer or contact HOATER.
When the equipment becomes wet, either from being in use or when due to cleaning, it must be allowed to dry naturally, and shall be kept away from direct heat.

Material

HT-R05T: made by Aluminum;

Marking



◄► Means the major axis gate closed and locked, 25kN means loading rate; HOATER means brand name and HT-R05T means model number;
EN362:2004: means European standard and public year, Class B means the level of connector;
CE means conform according to Regulation 2016/425; the vertical dimension of the CE marking not less than 5mm
1019 means notified body number (VVUÚ a.s., Pikartská 1337/7, Ostrava-Radvanice, 716 07, Czech Republic)
XX/YY:branch number, xx express: month, yy express:year.

Means “Always read and follow the warnings and instructions for use”

Warning: The marking should be periodically checked for the legibility and marking shall be clearly, durably and permanently marked by any mean without effect on material.

Record
Keep a record for each carabiner.

Applied to connector: HT-R05T

Manufacturer: HANGZHOU HETAI SAFETY BELT CO.,LTD
NO.268 DAKAN ROAD,QINGSHAN LAKE SCIENCE AND TECHNOLOGY CITY HANGZHOU, ZHEJIANG,CHINA

Notified body for EU type examination and production control: APAVE SUDEUROPE SAS (n°0082)

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EQUIPMENT RECORD

Product:		
Model & type/ Indentification	Trade name	Identification numer
Manufacturer	Address	Tel, fax, email and website
Year of manufacture	Purchase date	Date first put into use
Other relevant information (e.g. document number)		

PERIODIC EXAMINATION AND REPAIR HISTORY

DATE	Reason for entry (periodic or repair)	Defects noted, repaire carried out and other relevant information	Name and signature of competant person	Periodic examination next due date

USER INSTRUCTIONS