PERIODIC CHECKING OF PERSONAL PROTECTIVE EQUIPMENT

CONNECTORS

DEVICE IDENTIFICATION SHEET					
Trademark	CT	Manufacturer	Aludesign S.p.A. Via Torchio 22, 24034 Cisano B.sco (BG) ITALY	Product (type, model, code)	
Serial number			Year of manufacture		
Purchase date	/ /	Data of first use	/ /	Expiry date	/ /
Reference standards	☐ EN 362 ☐ EN 12275				
User (company, name and address)			PPE included, if present (ex. system composed by more than a PPE)		

PARTS IDENTIFICATION	
PRIMARY ELEMENTS	Body, gate, screw-up locking sleeve, pin, swivel, fixed bar, ACL (Anti-Cross Loading) system.
SECONDARY ELEMENTS	/
REPLACEABLE PARTS	/

DEVICE PERIODIC CHECK SHEET		☺	🗑	🔧	👁
1) HISTORY AND GENERAL CHECK					
1.1	Check the existence and the readability of the marking details, in particular the CE symbol and the applicable EN norm/standard.	☐	☐		
1.2	Check that device has not exceeded the storage and/or in-use lifetime.	☐	☐		
1.3	Check that the device is intact and no parts are missing (check against a new product).	☐	☐	☐	☐
1.4	Check that the device has not been modified outside the factory or serviced in a non-approved centre.	☐	☐	☐	☐
1.5	Check that the device has not experienced an exceptional event (e.g. fall from height, violent blow, etc.). Even in the absence of visible defects or deterioration, the original strength could be seriously reduced.	☐	☐		
2) VISUAL CHECK					
2.1	CHECKING THE BODY • Verify there are no deformations, cuts or cracks more than 1 mm deep.	☐	☐	☐	☐
	• Verify that there are no signs of wear deeper than 1 mm, paying more attention to the areas of contact with rope and other devices. Check there is no corrosion or oxidation.	☐	☐	☐	☐

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		☺	🗑	🔧	👁
2.2	CHECKING THE OTHER PARTS (GATE, SCREW-UP LOCKING SLEEVE, PIN, FIXED BAR, ACL SYSTEM, SWIVEL, ETC.)				
	• Verify there are no deformations, cuts or cracks more than 1 mm deep. Check there is no corrosion or oxidation.	☐	☐	☐	☐
	• Check that all parts are in the original position (check against a new product).	☐	☐	☐	☐
	• Check that internal openings are not obstructed with foreign material.	☐	☐	☐	☐
3) VERIFICA FUNZIONALE					
3.1	CHECKING CLOSURE SYSTEM CONNECTORS WITH AUTOMATIC GATE AND LOCKING SYSTEM Check how the gate opens by actioning the locking system (locking sleeve or second lever) as shown on the instructions for use. Check that when the locking device is released that it immediately and automatically returns to its position. For models with screw-up docking sleeve: check the operation of the sleeve by unscrewing and screwing it up completely. For all other models: check that the docking system (sleeve or second gate) automatically returns to the initial position when released. Important! Check that, with the locking mechanism engaged, that the gate cannot be opened. If necessary, lubricate moving parts with a silicon-based spray and in accordance with the device's instructions for use	☐	☐	☐	☐
3.2	CHECKING CLOSURE SYSTEM - SCREW-UP CONNECTORS OR QUICKLINKS Check the functioning of the sleeve by unscrewing and screwing it up completely. When the sleeve is screwed up, the threads should not be visible. If necessary, lubricate the threads with a silicon-based spray and in accordance with the device's instructions for use.	☐	☐	☐	☐
3.3	CHECKING THE SWIVEL				
	• Verify that the swivel can rotate freely without jamming.	☐	☐	☐	☐
	• Check that the swivel cannot move so far as to cover the green load-indicator ring (if present). If this happens, it means that the connector has been subjected to a load of more than 3 kN: check the anti-fall system to which it is connected.	☐	☐	☐	☐
3.4	CHECKING THE ACL SYSTEM Check the ACL bar opens correctly and returns to its initial position when released.	☐	☐	☐	☐
3.5	CHECKING CLOSURE SYSTEM - SQUEEZE-ACTIONED CONNECTORS				
	• Check opening by forcibly squeezing the handles together.	☐	☐	☐	☐
	• Check that when the handles are released, the two hooks insert correctly into their respective eyes.	☐	☐	☐	☐

The examiner's verdict on the severity of the anomaly must be based on objective criteria and the specific training received. The producer accepts no responsibility deriving from inexact information recorded by the user or servicer.

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CHECK RESULTS	☐ DEVICE FIT FOR USE	☐ DEVICE UNFIT FOR USE	☐ DEVICE TO BE CHECKED / TO KEEP CONTROLLED
Date of the check	/ /	Reason for the check	☐ Periodic check ☐ Additional check
Notes (defects found, repairs performed or other relevant information)	....		
Name and signature of the person responsible for checking	NAME		SIGNATURE
Date of next check			/ /

Fill-out this inspection sheet following the inspection procedure, photographs and instructions supplied by the manufacturer, which you can download from www.climbingtechnology.com. The examiner's verdict on the severity of the anomaly must be based on objective criteria and the specific training received. The producer accepts no responsibility deriving from inexact information recorded by the user or servicer.

PHOTO APPENDIX
CONNECTORS

Notes:

Connector's markings not completely legible.

Body with distinct signs of use in area subject to wear.

Notes:

Steel connector completely corroded after long exposure to saline environment.

Oxidation on connector prevents closing catches functioning correctly.

Notes:

Double-lever connector with clear signs of corrosion.

Connector with clear incision/cut on body.

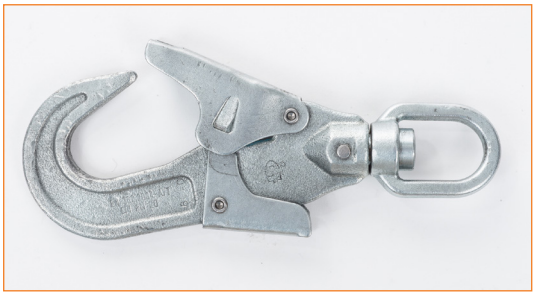
Notes:

Connector with screw-up locking sleeve showing clear signs of oxidation.

Connector with screw-up locking sleeve extremely deformed due to incorrect use.

PHOTO APPENDIX
CONNECTORS

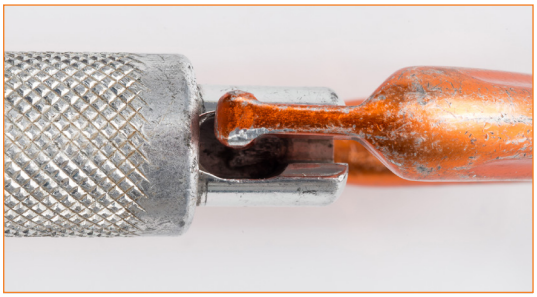
Double-lever connector has been subject to major deformation. Body is visibly deformed and double-lever closure mechanism completely compromised.



Double-lever connector has been subject to major deformation. Body is visibly deformed and double-lever closure mechanism completely compromised. .

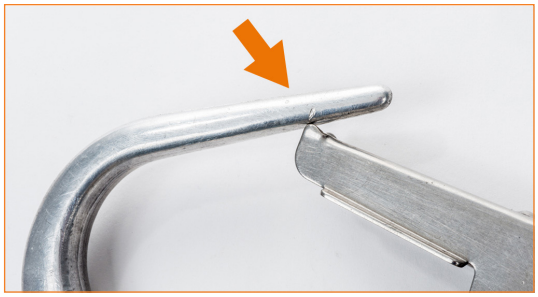
Notes:

Connector with damaged nose because of the misalignement of the lever.



Connector with misaligned lever from the body.

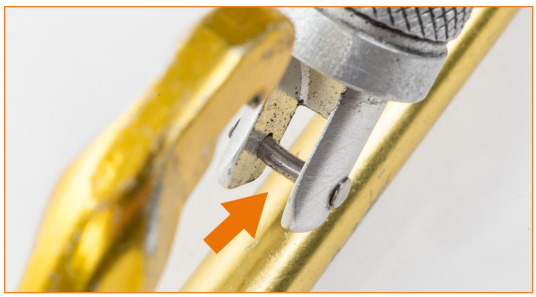
Notes:



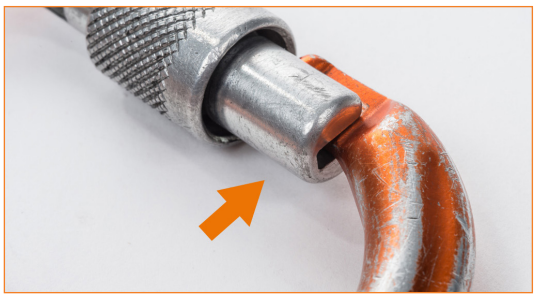
Connector with catch no longer aligned with body due to major torsion loading.

Connector with completely blocked lever or with damaged / missing spring

Notes:



Connector with traditional closure mechanism - closure pin deformed.



With gate in closed position, gate remains slightly open with play towards correctly-closed position.

Notes:

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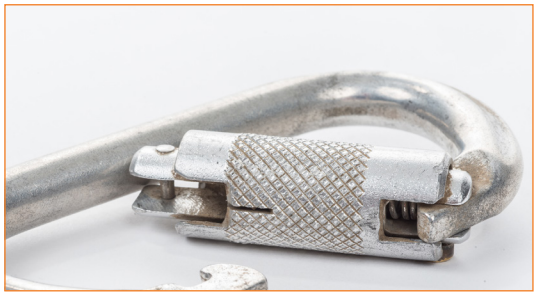
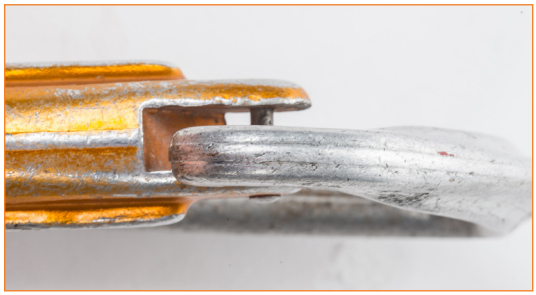
Notes:

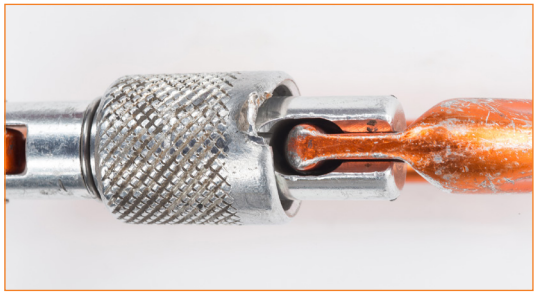


Connector with gate that remains open.

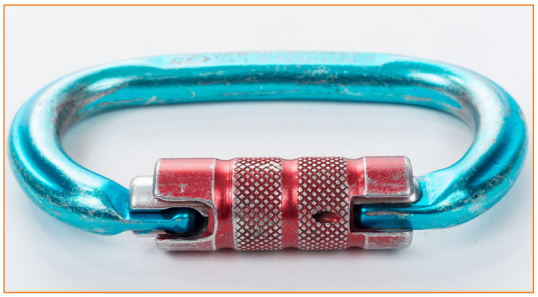


Connector whose gate has excessive lateral play.

Notes:



Connector whose screw-up locking sleeve has been severely damaged.



Connector with sleeve which doesn't automatically return to the locked position. ⚠ Lubricate the sleeve as indicated in the user instructions. If the problem is not completely resolved, scrap the device.

Notes:

Connector with heavily damaged screw gate.

Double-lever connector whose rear safety lever doesn't return automatically into position.

Notes:

Connector with deformed ACL bar.

Connector with deformed ACL bar.

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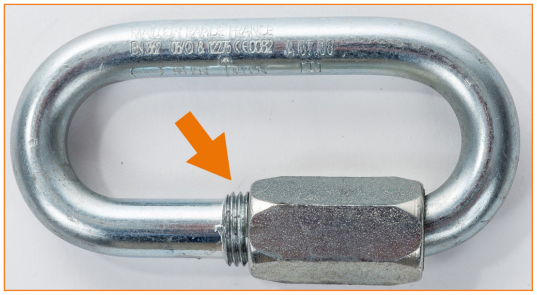
Connector with missing bar.

Notes:

Connector has been loaded to more than 3 kN: the swivel can move far enough to cover the fall indicator. Service the anti-fall system containing the connector.

Quicklink with signs of oxidation and screw-up sleeve which you can't easily screw up.

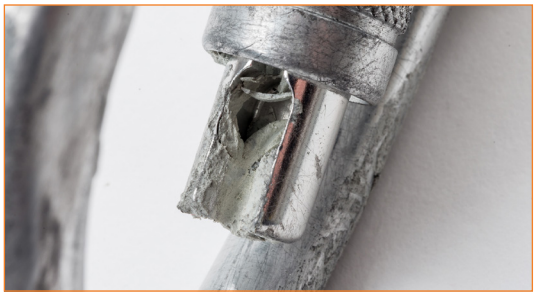
Notes:



Quicklink with the screw-up sleeve screwed beyond allowed limit.

Connector with worn-out pin.

Notes:



Connector with material inside holes and cracks.
⚠ Clean the device with compressed air and soap and water. If the problem is not resolved, scrap the device.

Connector with squeeze-actioned closure which doesn't hook-in correctly.

Notes:

Connector with squeeze-actioned closure which doesn't hook-in correctly.