

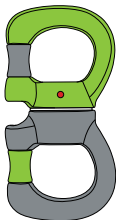


If you have any doubts or difficulties in understanding this manual, please contact XINDA.

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Ver.20260501



可开启万向结说明书

COMPACT GATED SWIVEL

Safety precautions

This manual explains how to use the equipment and only appropriate techniques and uses are described. Warning signs tell the potential risks but they don't cover everything. Please read every each warning carefully and use your equipment properly. Any misuse might lead to danger. If you are in doubt, please contact XINDA.



Risk of severe injury or death



Risk of accident or harm

OK!

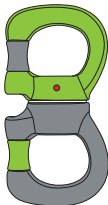
Appropriate way of use



Incorrect way of use

Style

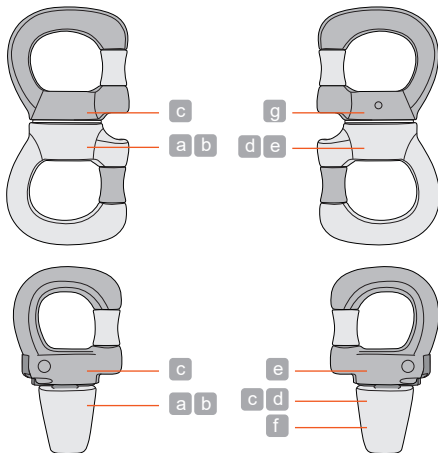
Series G
swivel
casters



Series B
swivel
casters



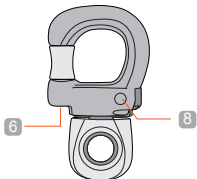
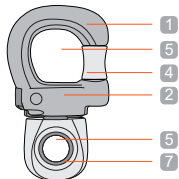
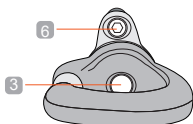
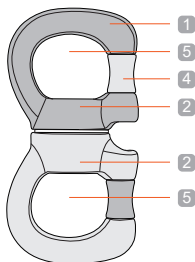
Explanation



- a. Name of the manufacturer or brand name;
- b. Product part number;
- c. Breaking strength;
- d. Applicable product standards;
- e. Date of manufacture;
- f. Reminder to users to read the instructions before using the product
- g. Serial number.

ISO9001 Standards Complied



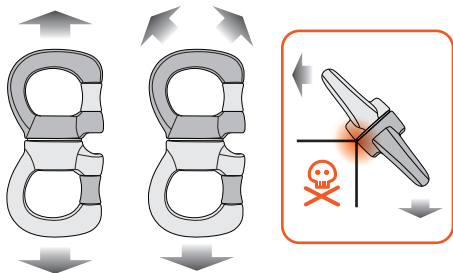


(1) Main body
(4) Spacer ring
(7) Locking ring

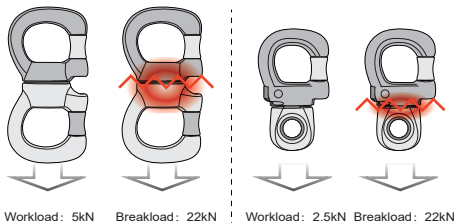
(2) Bearing
(5) Mounting hole
(8) Rivet

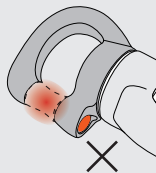
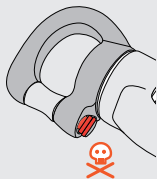
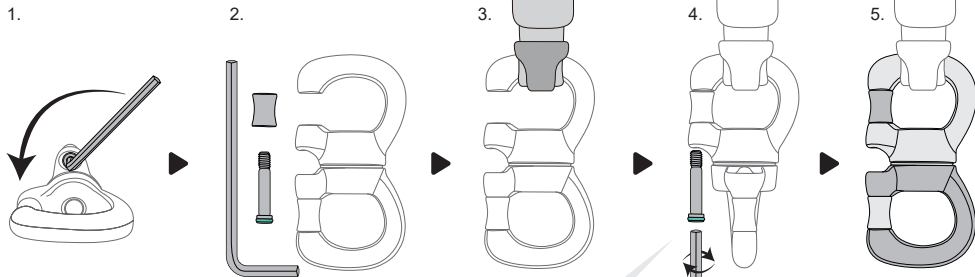
(3) Rotating shaft
(6) Screw

Direction of force

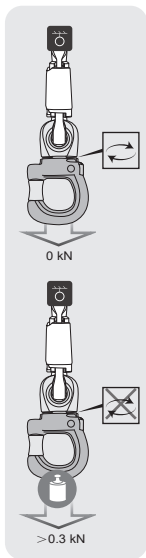
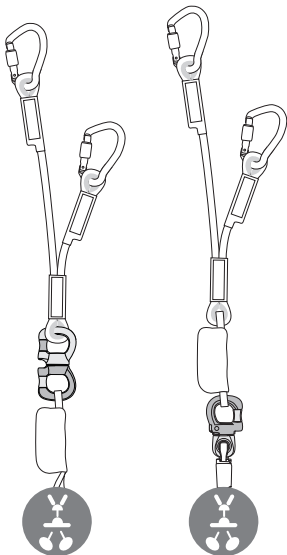


Load





Examples of Use



SCOPE OF APPLICATION

Personal Protective Equipment (PPE) for Fall Protection
Connecting equipment.

This product must not be used beyond its load limit or for purposes other than those for which it was designed.

DISCLAIMER WARNING

Any activity involving the use of this equipment carries inherent risks.
You are responsible for your own actions, decisions, and safety.

Before using this equipment, you must:

- Read and understand the entire user manual;
- Undergo specific training for the use of this equipment;
- Familiarize yourself with your equipment, understand its performance, and be aware of its limitations;
- Understand and accept the risks involved.

Failure to heed any of the above warnings may result in serious injury or death.

This product must only be used by competent and responsible individuals, or under the direct visual supervision of competent and responsible individuals.

You are responsible for your own actions, decisions, and safety, and must accept the consequences. If you are unable to assume this responsibility or fully understand these instructions, do not use this equipment.

PRE- AND POST-USE INSPECTIONS

Your safety is closely tied to the condition of your equipment.

We recommend a comprehensive inspection at least once every 12 months.

Before each use

- Check for any deformation, cracks, scratches, wear, or corrosion (on the body, rivets, and washers).
- Check that the two parts of the main body rotate freely.
- Check that the buckle retaining ring is present and that the buckle is securely fastened to its shaft.
- Check that the screws are tightened (e.g., properly installed, with no gaps).

During Each Use

- It is essential to frequently check the condition of the product and its connection to other equipment within the system. Ensure that all equipment within the system is correctly positioned relative to one another.

MAIN MATERIALS: aluminum alloy, steel.

COMPATIBILITY

This product is part of a safety system. Verify that it is compatible with other equipment used in conjunction with it.

Equipment used with your MICRO SWIVEL must comply with the current standards in your country (e.g., EN 354 lanyards or EN 362 carabiners).

INSTALLATION

Installation/Removal of Screws:

- Check the condition of the threadlocker and reapply it if necessary.
- Install in the correct location to prevent loss of washers or screws.
- Ensure that the O-ring is installed on the screw. If the O-ring is missing, please contact us.
- To ensure proper equipment performance, screws must be installed correctly and tightened to the specified torque. Only a torque wrench can be used to properly tighten the screws.
- Check to ensure the retaining ring is not loose. The universal joint is safe for use only when the retaining ring is closed and the screws are fully tightened. The universal joint is dangerous when subjected to forces in other ways and may have reduced strength, such as when screws are not tightened.

The adjustable ring on the swivel joint is intended only for semi-permanent installations (not for frequent installation/removal).

Installation of the Swivel Joint Connection Ring

- The swivel joint achieves maximum strength when loaded in the direction of the main axis. Avoid loading the swivel joint at the spacer ring. Avoid any friction or lever forces.
- Maintain the system's load to prevent misalignment of the swivel joint or carabiner.

ADDITIONAL INFORMATION

- In a fall arrest system, if the lanyard affects the fall distance, the length of these lanyards must be factored into the calculation.
- You must develop a rescue plan and be able to implement it quickly in case of difficulties when using this equipment.
- The system's anchor point should ideally be positioned above the user and comply with EN 795 (minimum strength of 12 kN).
- In a fall arrest system, you must check before each use that there is sufficient clearance below the user to prevent impact with the ground or obstacles during a fall.
- Ensure the anchor point is correctly positioned to reduce the risk of a fall and minimize the fall distance.
- The fall arrest harness is the only piece of equipment in the fall arrest system designed to support the body.
- When multiple pieces of equipment are used in combination, the safety function of one piece may compromise the safety function of another, potentially leading to sudden hazardous situations.
- Ensure your product does not come into direct contact with rough surfaces or sharp objects.
- The user must be physically fit for work at heights. Warning! Unintentional suspension in the safety harness may result in serious physical injury or even death.
- When using any equipment in conjunction with this product, strictly follow its instructions for use.
- Instructions for use must be provided to the user in the language of the country where the product is used.
- Please place the instructions for use removed from the equipment in a permanent file for future reference.
- Ensure that the markings on the product are clearly visible.

WHEN TO RETIRE YOUR EQUIPMENT:

Warning: A single accident may render the product unusable immediately after its first use (e.g., due to usage methods and intensity, or environmental conditions such as harsh environments, marine environments, sharp edges, extreme temperatures, or exposure to chemicals).

When to Discard Your Equipment:

- The product has exceeded its service life:
- It has been subjected to severe impacts or loads:
- It fails product testing. You have doubts about its safety:
- You are unsure of the product's full usage history (e.g., product markings are unreadable):
- It has been phased out (e.g., due to changes in laws, standards, technology, or incompatibility with other equipment).

Dispose of these products to prevent future misuse.

3-YEAR WARRANTY

We provide a 3-year warranty against defects in materials or workmanship. The warranty does not cover: wear and tear, deformation, oxidation, unauthorized modifications or repairs, improper operation, improper maintenance or storage, or damage resulting from use for purposes other than those for which the product was designed.