



INSTRUCTION FOR USE EAR-SHAPED CARABINERS

TYPE

A-3106/A-3107

ver.202608/A

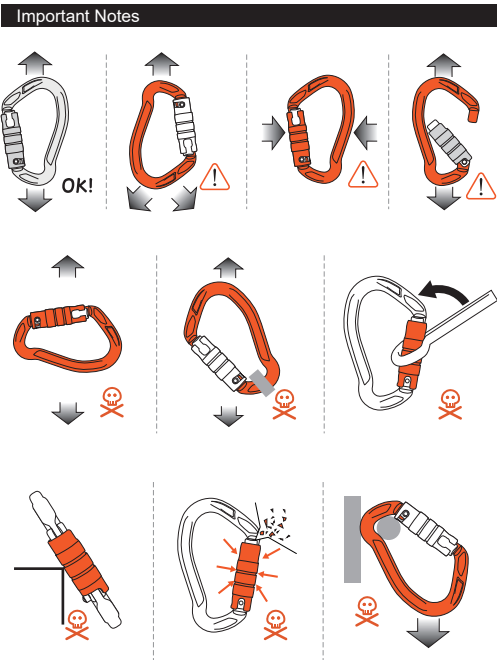
WARNING

- Activities involving the use of this equipment are inherently dangerous and can lead to severe injury or even death. You must be responsible for your actions and decisions.
 - Read and understand the instructions before use. Before using this product, it is essential to have got adequate training, understood and mastered the basics and techniques.
 - This product must not be used beyond its limits, nor be used for any purpose other than for which it is designed. If you have any doubts or difficulties in understanding this manual, please contact XINDA.
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设备检测记录表 EQUIPMENT RECORD					
产品(Product):					
型号(Model&type):		品牌Trade name 欣达(XINDA)		型号识别码(ID number):	
生产厂家 Manufacturer:		产地: 中国		联系方式 +86 400-8856993 info@xindaoutdoor.com www.xindasafety.com	
欣达XINDA					
生产日期 / 报废期限 Year of manufacture/life expiry date			采购日期 Purchase date		首次使用日期 Date first put into use
其他备注 (文件编号等) Other relevant information(e.g. document number)					
定期检验与维修履历 PERIODIC EXAMINATION AND REPAIR HISTORY					
日期 Date	检查项目 Inspections	记录事由 Reason for entry (periodic examination or repair)	缺陷记录、维修内容及相关说明 Defects noted, repairs carried out and other relevant information	检测人员签字 Name and signature of competent person	下次检测到期日 Periodic examination next due date

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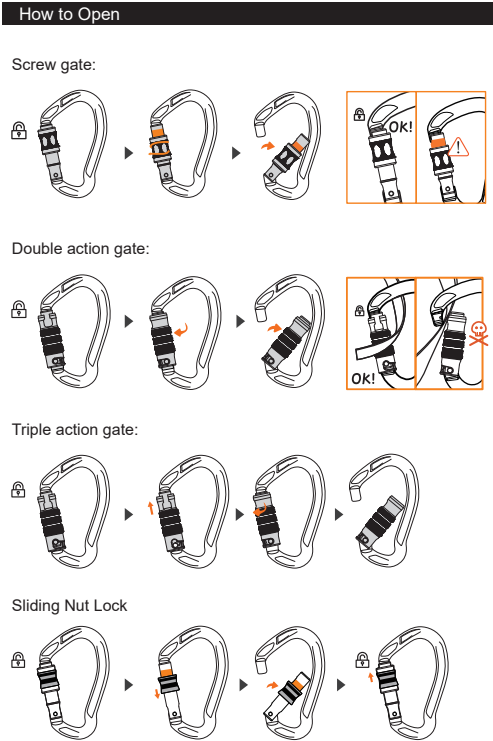
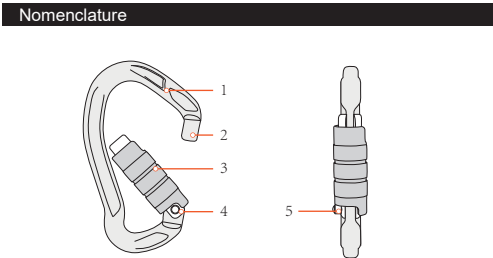
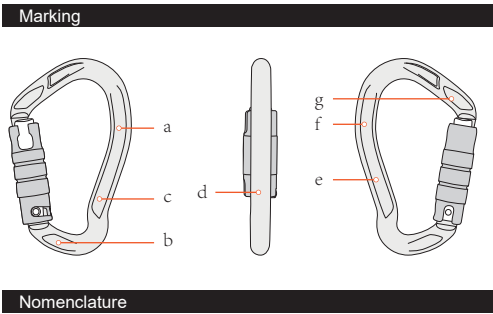
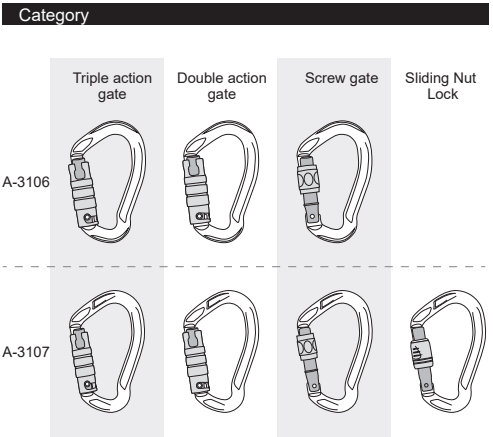


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Safety precautions

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
	Appropriate way of use
	Incorrect way of use



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Instructions for Use

APPLICATION
Personal protective equipment (PPE) used for fall protection from height.
K (via ferrata).
Auto-locking lanyard-end carabiner via ferrata and adventure park use, and for attaching a canyoning descender.
This product must not be pushed beyond its limits, nor be used for any purpose other than that for which it is designed.
⚠ Warning: Carabiners can not be used for industrial.
Acceptable temperature: -20 C~50 °C.

LOCKING SYSTEM
A. Screw gate: Turn the rotating cylinder by hand to lock.
B. Double action gate: The cylinder can be self locking. Turn the cylinder and unlock.
C. Triple action gate: The cylinder can be self locking. Lift and turn the cylinder and unlock.
D. Pull-down auto-lock (rail-style Class K climbing carabiner): The locking sleeve closes automatically; opening it requires two steps: pull down the sleeve and open the locking gate.

STRENGTH
MBS stands for minimum breaking strength.
Major axis MBS: The minimum breaking strength for the major axis when the gate is closed.
Minor axis MBS: The minimum breaking strength for the minor axis when the gate is closed.
Gate opening MBS: The minimum breaking strength for the major axis when the gate is open.

No.	Maj or MBS (kN)	Min or MBS (kN)	Opening MBS (kN)	Gate opening dia (mm)	Outer length (mm)	Outer width (mm)	EN12275	UIAA	Material
A3106N	25	8	7	23	108	67	/	/	AL
A3106TN	25	8	7	23	108	67	/	/	AL
A3106TNS	25	8	7	23	108	67	/	/	AL
A-3107N	24	8	7	25	124	76	/	/	AL
A-3107TN	24	8	7	25	124	76	/	/	AL
A-3107TNS	24	8	7	25	124	76	/	/	AL
A-3107S	24	8	7	25	124	76	/	/	AL

(see strength on the table)

MAIN MATERIAL: Aluminum Alloy.

MARKING
a): The name of the manufacturer or the brand name under which the product is marketed; b): A logo reminding users to read the instructions before using the product; c): Product type; d): Product serial number; e): Breaking load; f): Applicable standards; g): Product country of origin.

NOMENCLATURE
1. Lock body; 2. Nose; 3. Door lock; 4. Door lock hinge; 5. Locking mechanism

COMPATIBILITY
○ Carabiners are used as connecting elements in personal fall protection systems, i.e. fall arrest, rope access, restraint and rescue systems. Good compatibility means good functional interaction. Different shaped carabiners are suited to different equipment and environment. Carabiners are for climbing; Screw gate carabiners are for harsh environment; Auto lock carabiners work well when they are frequently opened and closed and come into contact with foreign objects.
○ Aluminum carabiners are lighter and finer for most situations and the environment where handiness is required.
⚠ Warning: The connector cannot be opened when under load.
Verify that this product is compatible with the other elements of the system in your application (compatible = good functional interaction). Equipment used with your connector must meet current standards in your country (e.g. EN 354 lanyard for work).

SAFETY CHECK
Before each use:
- Verify that the condition of the gate, the spring, the main body, the nose are free of wear, cracks, deformation, corrosion...
- Verify that there are no foreign objects in the eye and the locking system works well and the locking system works well.
Note: The wear of the coated surface will accelerate the process of oxidation and corrosion.

During each use:
- Verify that the carabiner is clipped into other equipment;
- Verify that the gate closes well and no other foreign objects will obstruct the locking system;
- Verify that the load is on the major axis;
- Verify that there is no complicated loading such as leverage pressure, extrusion or cross loading.
⚠ Warning: Any foreign objects or shocks might unlock the carabiner.

ADDITIONAL INFORMATION:
○ The user's health and body condition must be fit for working at heights. Unconscious suspension at height can lead to severe injury or even death. Ensure that a rescue procedure is in place.
○ The pulley effect should be taken into consideration when

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climbing. Any impact on the climber will increase the loading on the top anchor by 1.7 times.
○ In the industrial use, the breaking load of a single anchor point must be 12kN at least or meet the standards of EN 795. The position of anchor should be higher than the user's connection. In a fall arrest system, it is essential to take the length of carabiners into consideration and check the required clearance below the user in order to avoid any impact with the ground or with an obstacle in case of a fall.
○ In a safety system, the weakest component determines the strength of the whole system.
○ Avoid that the rope and other braided fabric rub against sharp edges or rough surfaces.
○ A risk assessment is needed, and protection measures should be taken before use.
○ Working alone is not allowed, and you should have a rescue plan and the means to implement it in case of encountered difficulties.

LIFE SPAN, REGULAR INSPECTION AND RETIREMENT
○ No storage limit for the metal in the proper environment; the plastic parts of the equipment can be stored up to 10 years and the rubber parts can be up to 3 years.
○ The equipment may need to be retired only after one use because of misuse, accidents or compatibility problems.

○ The practical lifespan depends on the type and intensity of usage, harsh environment (marine environment, extreme temperatures, sand and mud etc.). Equipment check has great effect on the lifespan. The comprehensive inspection is required once every 12 months minimum, apart from normal check before use, during use and after use. The greater the intensity of use, the more checks you need. Record the results of the inspection.
○ The inspector must be competent or authorized by the manufacturer.

INFORMATION INCLUDED ON THE INSPECTION MANUAL
Model number/data matrix/purchase date/manufacture date/first time to use/standards/inspection date/records (malfunction, condition, user's usage record) /results and suggestions (to retire the equipment or not)/next inspection date/inspector's data (name and contact).

WHEN TO RETIRE YOUR EQUIPMENT:
a). You don't know its usage history.
b). You doubt about its performance, strength or safety.
c). It fails to pass PPE inspection.
d). Malfunctions are found.
e). It fails to meet updated regulations or standards.
f). It has been subjected to a major fall or load.

HOW TO RETIRE YOUR EQUIPMENT
Mark it with irremovable labels or destroy it as to prevent further use. For instance, drill or cut it. Or return it to the manufacturer for disposal.

RESPONSIBILITIES
1). You are responsible for your actions and decisions. If you cannot take the responsibilities, don't use it.
2). Only qualified person or one under supervision of a competent and experienced person can use this product.
3). You must take training course including theory and practice, basics for working at height, proper ways to use and relevant safety system knowledge before use.
4). When it is resold to other countries or regions, the instruction manual must be made in local languages.
5). XINDA is not responsible for any direct or indirect non-quality induced consequences.

STORAGE AND TRANSPORT:
Remaining fluid and other stain on metal equipment must be rinsed and dried and then stored in a dry environment. The equipment must not come into contact with abrasion, load, chemicals, sharp edges or heat source etc. as those are inherently harmful. Metal equipment must be specially stored in the container and transported in compliance with storage requirements.
The use and storage of the product is suggested to be taken care of by accountable people.

MAINTENANCE
Proper maintenance and storage can extend the lifespan of the equipment and also guarantee the user's safety.
1). Wear treatment: You can polish the carabiner surface with sandpaper when it is worn by sharp metal (like hangers), becoming rough or having cracks.
Note: The depth of the wear or cutting nick cannot be over 1mm!
2). Cleaning: Use clean water (20°C) and soft brush to rinse the external and internal of the product. No high-pressure water. No industrial-grade cleansers. Rinse afterwards and dry it naturally. No heat drying.
3). Long time use of the equipment will reduce the lubrication of the parts such as pivots. Lubricating oil or grease is suggested to be in use.
4). Warning: No modification, alternation or improper maintenance is allowed. It can only be repaired in the XINDA factory.

LIMITED WARRANTY:
XINDA provides a 3-year warranty against any material or manufacturing defects. Exclusions: normal wear and tear, deformation, oxidation, modifications or alterations, misuses, incorrect storage, poor maintenance, uses for which this product is not designed.

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