



Figure 8 with Side Ears Instructions for Use

MicroEight F1 MiniEight F2

WARNING!

For expert use only!

- These activities are inherently dangerous and carry a significant risk of injury or death that cannot be eliminated.
- It is the user's responsibility to obtain specific training and to use it safely. These instructions DO NOT tell you everything you need to know.
- Do not use unless you can and will understand and assume all risks and responsibilities for all damage/injury/death that may result from use of this equipment or the activities undertaken with it.
- Any device is subject to failure-carefully check before and after each use.
- You must always have a backup-never trust a life to a single tool.
- Everyone using this equipment must be given and thoroughly understand the instructions and refer to them before each use.
- You must have a rescue plan and the means to implement it. Inert suspension in a harness can quickly result in death!
- Do not use around electrical hazards, moving machinery or near sharp edges or abrasive surfaces.
- We are not responsible for any direct, indirect or accidental consequences or damage resulting from the use of our products.

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INTRODUCTION

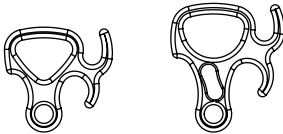
This Rock Exotica figure 8 has side ears that let you easily vary the friction, accomodating a wide range of rope sizes. It is also easy to tie off. These features make it superior to conventional 8's.

RAPPEL SAFETY

Rappeling is among the most dangerous activities that climbers and others at height do and it accounts for numerous serious accidents. Specific instruction and supervised practice in a controlled situation is mandatory. If you have any doubt as to your ability to safely accomplish your rappel you **must** be belayed. If you lose control of a rappel for any reason you will not be able to recover and serious injury or death will probably occur.

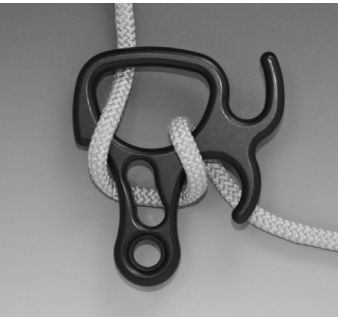
TEST YOUR SYSTEM

Friction will vary depending on rope size, type & condition. Test with your rope in a safe manner to determine compatibility & the particular wrap(s) you will use. Remember that rope weight adds friction & will become less as you get closer to the end of the rope.



	MicroEight	MiniEight
Weight	1.7 oz (49gm)	2.1 oz (60gm)
Height	2.96" (75mm)	3.64" (92mm)
Width	3.05" (78mm)	3.21" (82mm)
Max Rope (Single Rope)	13mm	13mm
Max Rope (Double Rope)	10.5mm	10.5mm

#1: Standard figure 8 wrap



#3: More friction than #2



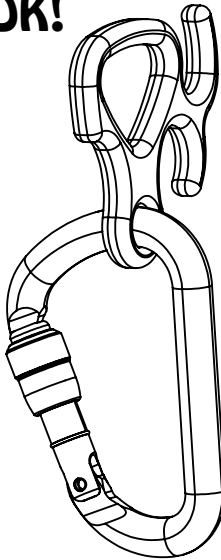
#2: Hook top horn for more friction



#4: Like #3 but may be smoother



OK!



Carabiner Attachment

The Micro & Mini are designed for a tight fit on a 12mm carabiner, such as the Rock Exotica Pirate. Their biner hole has an O-ring that grips the carabiner frame. If the fit seems too tight, you can put a little light grease on the O-ring.

Only use a locking biner! Always Check for Wear!

All 8's, but especially small ones must be carefully monitored for wear & retired because strength can be drastically reduced. Dirty ropes can be very abrasive & quickly wear out an 8.

Tying Off

The side ears make tying off easy. But in case your tie off accidentally comes undone, you must also be tied on to the rope.

Don't Rappel off the End of Your Rope

This accounts for a number of accidents. A nice, big knot in the rope end can prevent it.

You Must Always Grip the Free End of the Rope!

Long Rappels

Rappel devices can get hot & small 8's get especially hot the longer the rappel. Use a bigger 8 for longer rappels.

Backup

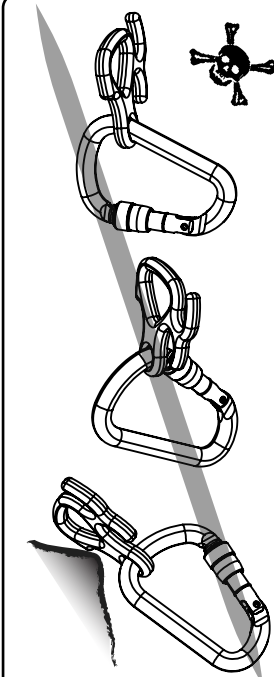
You can get some backup protection by proper use of a Prusik or other method. But you must ensure it will catch & you don't inadvertently fall & pull it down.

Limitations On Use

It is impossible to imagine all the ways this equipment can be misued. It must only be used by fit, specifically trained and experienced users.

Self Rescue

You must be able to free yourself if you get stuck on a knot or your 8 girth hitches. This is a simple matter if you are trained & prepared, but can be fatal if you are not.



PURCHASE RECORD	
Model	
Complete Batch #	
Year of Manufacture	
Purchase Date	
Date of 1st Use	
User	

Rope Sizes

The rope sizes in the table are guidlines only. Single ropes up to 13mm can normally be used. It is possible to fit a double rope depending on size; generally ropes up to about 10.5mm can be used.

The minimum rope size can be quite small because you can use a wrap with a lot of friction. If you do this, you must be sure your wrap never slips off into a lower friction configuration.

Note that just because you can generate friction with a small rope doesn't mean it is safe. Small ropes are harder to hold and much easier to cut over a sharp edge.

Belay Slot

The MiniEight has a belay slot that will fit up to 8 or 9mm rope. This is not intended to belay a leader fall. Only use in a low angle, low fall potential situation. Test First!

An Inward Force on a Carabiner Gate is Very Dangerous

Because the sleeve can be broken, causing catastrophic disconnection. This can result from a figure 8, brake bar rack or other object levering against the gate. Keeping your equipment properly positioned can prevent this.

Inspection Before & After Each Use

Check for cracks, deformation, corrosion, wear, etc.

Inspection During Use

Regularly inspect and monitor your system, confirming the carabiner is locked and the 8 is positioned properly.

Manufacture Date:

Year, Day of Year, Code  
Serial Number for  
the Day



09001A  
001

DATE	CONDITION	INSPECTOR

Principal Material

Aluminum alloy. The Micro & Mini are alloy 7075 which is harder & longer lasting than the more common alloy figure 8's usually use.

The 8's are soft anodized. This makes it less likely to develop the sharp edges that can occur with hard anodizing.

Responsibility

Thorough and specific training is absolutely essential before use.

Being at height is dangerous and it is totally up to you to reduce the risks as much as possible - but the risks can never be eliminated.

You must personally understand and assume all risks and responsibilities of using this equipment. If you cannot or do not want to do this, do not use this equipment.

Lifetime

10 years maximum, but will often be much less depending of conditions and frequency of use; it could even be a single use in some cases.

Retire from Service & Destroy if the Equipment:

Does not pass inspection or there is any doubt about its safety.

Is misused, altered, damaged, exposed to harmful chemicals, etc.

Consult the manufacturer if you have any doubts or concerns.

Maintenance & Storage

Clean if necessary with fresh water, then allow to dry completely.

Store in a dry place away from extremes of heat and cold and avoid exposure to chemicals.

Repairs to Equipment

Are only allowed by the manufacturer or those authorized in writing by the manufacturer.

Detailed Inspection

In addition to inspection before, during and after each use, a detailed inspection by a competent inspector must be done at least every 12 months or more frequently depending on amount and type of use. Make a copy of these instructions and use one as the permanent inspection record and keep the other with the equipment.

It is best to issue new gear to each user so they know its entire history.