



Totem

Basiccam

INSTRUCTIONS FOR USE

WARNING

- This product is for rock climbing and mountaineering. These activities are inherently dangerous and entail a risk of **SERIOUS INJURY** and/or **DEATH**.
- It is your decision to practice rock climbing and mountaineering, so you are responsible for your own actions and decisions. Value your safety at all times, and weigh up your capacities and the risks involved.
- It is imperative before using this product to read carefully and understand the following instructions and warnings, and familiarise yourself with its proper use.
- Any person using this equipment undertakes all risks and full responsibility for any damages or injuries that may arise from its utilisation. If you do not accept this responsibility, do not use the Basic Cam.
- The manufacturer and retailers of the Basic Cam explicitly disclaim any and all responsibility and liability (direct, indirect, incidental or other) for any death, injury or damage to any person or property that may arise in relation to the use of this product.

USING BASIC CAMS

- Practice placing Basic Cams when you are still on the ground.

- It is not possible to cover all usage situations in these instructions. We strongly recommend to get qualified instruction.

- Pull the trigger to close the cam lobes and insert the Basic Cam in the crack, lobes first. Release the trigger to allow the cam lobes to make contact with the rock face. It is best for the cam lobes to work at less than half their expansion range, i.e.

when they are between 50% and 90%

closed (**see figure 1**). Try to avoid closing them completely, as you will find it difficult to get them out afterwards.

- Ensure that all the cam lobes make good contact against the rock face, and that the crack beneath the contact point does not open (**see figure 2**).

- Give a tug in the expected loading direction to check the Basic Cam placement stability.

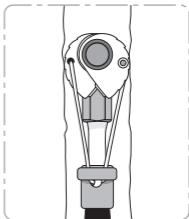


Figure 1



Figure 2

- Rope drag could lead the Basic Cam unit to walk out of its placed position. The use of long runners helps to avoid this.

- The Basic Cam works on friction between the rock face and the cam lobes, and any loose shale, dirt, ice or moisture can reduce friction and cause the Basic Cam to slip out the crack.

- Do not use the Basic Cam with the cam lobes near to fully open. Any movement in the rope can change the position of the Basic Cam and it could fail. Use another larger Basic Cam.

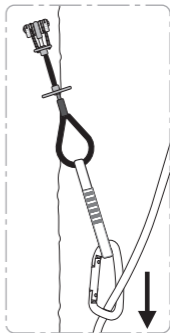


Figure 3

- Align the Basic Cam with the expected loading force (**see figure 3**).

- Basic 0.70HY and Basic 0.85HY references have a small sized two cam lobes and another bigger sized two cam lobes, and are special for flared cracks. The small cam lobes must be placed in the thinner portion of the crack (**see figure 4**).

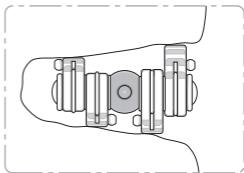


Figure 4

- Do not use the Basic Cam in shallow cracks, where the Basic Cam body can not be properly aligned with the expected load (see **figure 5**). The strength is lower in this situation, and also the device could slip out.

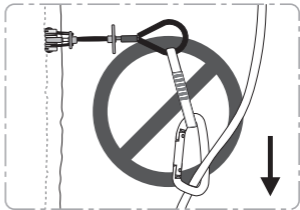


Figure 5

- Basic Cam cannot function as passive protection, and must not be used as shown in **figure 6**.

- Use a carabiner to attach the rope to the Basic Cam, as shown in **figure 7** or **figure 8**.

- Exercise caution with cracks created by loose rocks. The Totem Cam multiplies its pulling force against the walls of the crack. This can lead the device to fail or make the rock fall or break.

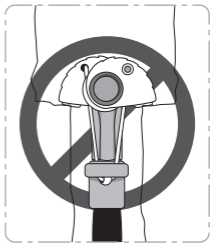


Figure 6

- Do not position the Basic Cam at the edge of the crack, especially on

weaker rocks.

- The Basic Cam main wire rope or sling can be damaged if they are loaded across sharp edges of rock. Sharp edges should be avoided if possible. If the main wire rope is kinked or frayed the Basic Cam must be replaced. If the sling is damaged replace it.

- A heavy fall can damage the plastic cover at the sling attachment point. Ensure that the inner wire rope is not exposed. If this is the case, the Basic Cam must be replaced.

- Do not rely your life on only one piece of protection. If failure of the piece of protection would entail a dangerous fall, double the pro.

- A climbing fall situation can lead to forces greater than the Basic Cam's

strength. To reduce this risk, use dynamic belay, shock absorbers and avoid excessive friction between rope and rock. Caution should be exercised specially at the beginning of the pitch and with the smallest Basic Cams.

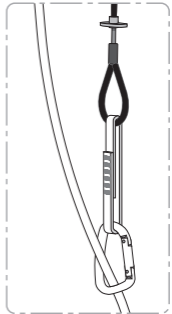


Figure 7

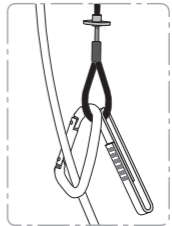


Figure 8

MAINTENANCE AND CARE

- Always check the main wire rope for damage before and after each use. Slightly bent wire rope is still safe, and you can straighten them manually. If the wire rope is kinked or frayed, you must replace the Basic Cam immediately.
- If the webbing or stitching is frayed, melted or torn, the sling must be replaced. We offer a resling service for Basic Cams.
- If your Basic Cam has sticky action, make a solution of warm water with mild detergent at appropriate solution (pH range 5,5-8,5), swish the cam lobes in this solution while working the trigger, and dry completely avoiding direct sunlight and heat sources. Use a watery wax lube solution to lubricate the axle and springs after washing, and wipe away excess.
- Trigger wire ropes can be replaced with thin tennis cord. However, we recommend you use our trigger wire rope replacement service.
- We recommend you carry Basic Cams at the top of your bag, to prevent any undesirable bending of wire ropes and cam lobes.
- Basic Cams should only be stored while completely dry, in a dark ventilated clean, chemically neutral environment, well away from heat sources, high humidity and any type of corrosive agent.

REPLACE A BASIC CAM IF:

- The main wire rope is kinked or frayed.
- The cam lobes have been damaged in a fall.
- The plastic at the sling attachment point is damaged, so the inner wire rope is exposed.
- The axle or stem is bent.
- The cam lobes are so worn, that trigger wire rope supporting hole is damaged.
- Replace frayed, melted or torn slings.
- Replace kinked or frayed trigger wire ropes.
- The Basic Cam's estimated lifespan is 5 years from its first usage.

QUALITY & CERTIFICATION

- Basic Cam is CE-certified, and meets the EN 12276 standard.
- Each Basic Cam is tensile-tested to 60% of its rated strength.
- Each Basic Cam has an exclusive serial number on the upper trigger plate. The first two digits show the year of manufacture. We use this code to ensure the traceability of all Basic Cam parts so we know the material batch used for each part in your Basic Cam and the related test results.

WARRANTY

- Totem products are warranted to the original retail purchaser as free from material and workmanship flaws for a period of one year from purchase. The product will be replaced without charge if, following our inspection, no misuse or alteration is detected. Totem offers no other warranty either expressed or implied.

MARKING



- Logo and trademark.

- TOTEM: Company name.

- Basic 0.65: Reference.

The number means the approximate covered crack width in inches at 33% of expansion range (0.65 given as an example).

- CE 0082: notified body number delivered the CE certificate and for the CE quality control system for the final product.

Basic Cam is CE certified by:

APAVE SUDEUROPE SAS

BP 3 - 33370 ARTIGUES près BORDEAUX - France

Notified body number 0082.











- 7kN: rated strength (7kN given as an example).

- Serial number: there is a 7-digit serial number on the upper trigger plate.

The first two digits show the year of manufacture.

Basiccam

SPECS CHART

Reference	Color	Strength	Width	Weight
Basic 0.65	Green	7 kN	 13,6 mm  21,4 mm	66 g
Basic 0.70HY	Green/Yellow	7 kN	 16,6 mm  21,4 mm	68 g
Basic 0.75	Yellow	9 kN	 16,6 mm  26,1 mm	73 g
Basic 0.85HY	Yellow/Red	9 kN	 19,9 mm  26,1 mm	75 g
Basic 0.95	Red	11 kN	 19,9 mm  31,6 mm	78 g



TOTEM MT, Koop. E.
Florida, 56 - 24b
20120 Hernani (Gipuzkoa)
Phone: +34 943 555 465
e-mail: info@totemcams.com

www.totemcams.com

