

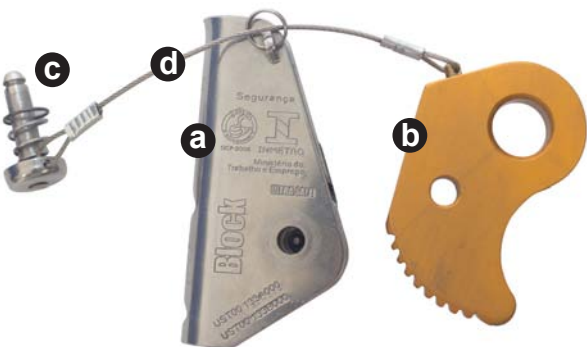
Option with carabiner



Option with shock absorber and carabiner



Option with extensor tape, shock absorber and a carbiner



SPECIFICATION SHEET

Fall arrester Block for rope with carabiner

Code: UST00133A000

Fall arrester Block for rope with shock absorber and carabiner

Code: UST00133B000

Fall arrester Block for rope with extensor tape, shock absorber and carabiner

Code: UST00133C000

Trademark: ULTRA SAFE

Features

Materials

- **Body, lock and shaft:** stainless steel
- **Cam (blocker):** Duralumin alloy
- **Connector:** steel or aluminium
- **Shock absorber:** high tenacity polyester tape

Non-aggressive raw materials

This equipment is manufactured with raw materials that do not contain substances known or suspected of causing damage to the user.

Weights and Free-fall Zone (ZLQ)

Block w/ HMS alum. carab.	354 g	ZLQ = 2,85 m
Block w/ Oval steel carab.	463 g	ZLQ = 2,85 m
Block w/ ABS and HMS alum. carab.	364 g	ZLQ = 3,60 m
Block c/ ABS and Oval steel carab.	519 g	ZLQ = 3,60 m

Parts of fall arrester (see resources on the side):

- Body;
- Cam (blocker);
- Axle;
- Steel cable that holds the axle to the body of the lock falls;
- Release safety button of the shaft, located in one of the sides of the body of the scope and protected by a black box that prevents it to be triggered accidentally, as for example, in an eventual strike.

For installation of the rope in the fall arrester

- 1 Hold the fall arrester in such a way that the arrow engraved on the body is facing up;
- 2 Remove the cam (blocker) pressing slightly on the Security button. When pressed, an external spring is thrown, unlocking the shaft automatically and the cam is released;
- 3 Insert the rope within the body of the fall arrester;
- 4 Reseat the cam in the direction indicated by an arrow engraved on the body of the Block;
- 5 Align the channel (holes) of the cam and the body;
- 6 Reinstall the axle until you hear a sound of "TEC" indicating that the locked axis;
- 7 Pull the steel cable that links the axle to the body of the device, so that the same is in the correct position, without twisting;
- 8 Test the locking direction of the fall arrester before starting work by pulling it down and make sure that the system works correctly.

To remove the noose of the device

- 1 Press the button to release the axle;
- 2 Remove the cam;
- 3 Remove the rope. Option with back Ribbon, absorber and carabiner



SPECIFICATION SHEET

Recommended usage

- Fall protection during vertical offset (ascent and descent);
- Rope access;
- Flexible life lines-rope;
- Work on roofs;
- Metal structures;
- Stairs – mobile masts;
- Facades;
- Confined space;
- Rescue.

ATTENTION: make sure the cord has the same diameter as specified in the body of the fall arrester. Use only 11 to 12 mm ropes that meet ABNT NBR 15,986. Soul strings and low coefficient of elongation for access by ropes, with which the fall arresters were tested.

Recommendations

- It is essential that you use a reliable anchorage point. The anchorage system must be designed in such a way that, even in the most adverse conditions of use, the user is able to perform the activity of risk with the guarantee of a safety factor 2 for the whole system;
- Use ropes of 11 to 12 mm that meet ABNT NBR 15,986. Soul strings and low coefficient of elongation for access by ropes, with which the fall arresters were tested. Check with the manufacturer of the device on the rope to be used;
- The rope must withstand at least 22 kN, remaining free or protected from any contact with abrasive surfaces (sharp edges, burrs, etc.);
- During use of the equipment the rope must be tensioned lightly (do not use anchor points at the bottom of the line, use a ballast);
- After suffering a fall, the rope must be discarded;
- This fall arrester is indicated for a single user and must always be used as a second safety system against falling (backup), never use only the fall arrester in your security system for your horizontal or vertical offset (rise or fall). Always use two or more systems against falls, as standards;
- Consider whenever the personal fall protection system is designed in such a way that the force of impact transmitted to the worker in the event of a fall is less than 6 kN;
- Never disconnect the structure;
- Periodically Inspect your PPE;
- Do not modify or use the fall arrester for another purpose;
- The connector must always be CLOSED and locked;
- Consider ALWAYS the Fall-free zone (ZLQ);
- Never store damp or wet equipment inside bags and backpacks closed.
- Warning: never use the fall arrester with a rope of different diameter to the specified in the device. RISK OF LIFE!!
- READ THE MANUAL!

ADVANTAGES AND BENEFITS

- The Fall arrester Block has a very efficient locking system: after successive tests conducted in a laboratory approved by INMETRO with a weight of 100 kg and fall factor=2, was verified in all of them a slide on the rope less than 1 cm before the definitive locking of the device. This result is excellent, especially when compared with most crashes falls available on the market, that can glide up to 80 cm when subjected to the same test;
- The locking system (cam) uses a spring mechanism that maintains a homogeneous and constant pressure on the rope, which provides a great anchoring the rope, easy, quick and without possibility of error;
- When used in rope access in ascent mode, the Block generates low attrition and has an easy identification of the correct use of the equipment;
- In the descent mode, the Block follows the descent of rope access worker gently and safely, without the need for intervention of the same;
- The Block is the lightest in the market falls lock: depending on the available versions (with Shock absorber and aluminum or steel carabiner) the approximate weight of the set wavers between 354 g and 519 g (see table on previous page).