Product Information BEAM Anchor

Models A0009, A0010, A0011

Item Code Manufacturer YAA251, YAA252, YAA253

Manufacturer inside European Union:
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WARNING:

This personal protective equipment (PPE) is to be used as part of a fall protection system. The user must read and understand the manufacturer's product information and familiarize themselves with all components of the equipment.

Users must be instructed accordingly before using this equipment. This device is not suitable for lifting / transporting materials or objects.

This appliance is intended for use by one person. Any modification, misuse or non-compliance with the product information may result in serious injury or even death.

Users must be physically fit, mentally and physically healthy and not under the influence of alcohol, drugs or medication.

If the suitability of users is not clearly recognizable, medical advice must be sought.

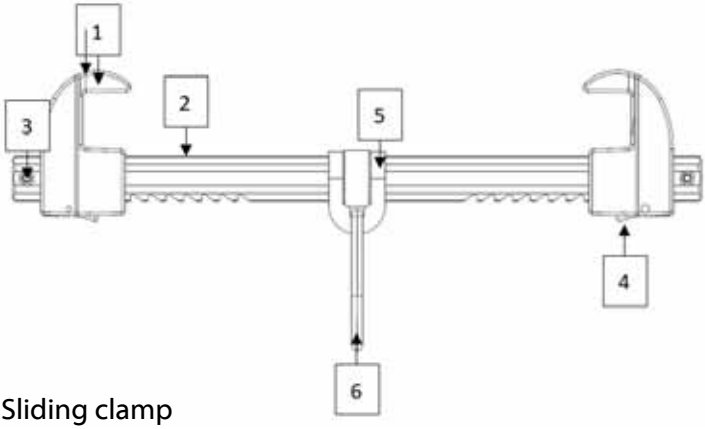
IMPORTANT NOTE:
If you have any questions about the device or its use, care or other issues, please do not hesitate to contact the relevant dealer, distributor, importer or manufacturer.

This product complies with the requirements of standard EN 795:2012, TYPE B and REGULATION (EU) 2016/425 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.
Conformity assessment and control of manufacture is carried out by the notified body No. 2849, INSPEC International B.V., Beechavenue 54, 1119 PW, Schiphol Rijk, NL

Inhaltsverzeichnis

NOTE:
This product information is part of the scope of delivery. Keep this product information, preferably together with the device. Keep the test report enclosed here or the one you have created. It is best to keep test logs together with the device.

Parts and components



1. Sliding clamp
2. Hexagonal Rod
3. End Screw with nylon nut
4. Safety Lock Button
5. D-Ring Hanger
6. D-Ring

Dimensions

Setting option:	A0009	384 mm max; 63.5 mm min
	A0010	537 mm max; 63.5 mm min
	A0011	689 mm max; 63.5 mm min
Flange thickness:	A0009	38 mm maximum
	A0010	38 mm maximum
	A0011	38 mm maximum

Type of materials

Stainless steel; Aluminum (alloy); Steel (alloy, coated)

Weight:	A0009	1930 Gramm
	A0010	2220 Gramm
	A0011	2510 Gramm

Marking

Logotype
Importer

A00..

Item Code
Importer

YAA...

Item Code
Manufacturer

Logotype
Manufacture

CE

2849

notified
Body

CE
mark

EN795:212B

EN Standard
for this device

12 kN

minimum
breaking
strength

1 x

Marking
1 Person only

Product information
brochure attached

YYMM **XXXX**

Year Month
manufacture

individual
number

Unique
serial nummber
consisting of date
of manufacture +
individual number

USAGE

Intended use:

The mobile anchor point made of aluminum, hereinafter referred to as „BEAM Anchor“, is used as an element for anchoring a fall protection system or as a mobile anchor point for a rope access system. The BEAM Anchor is designed to be attached to a horizontal I-beam. The BEAM Anchor can also be used as an anchorage point for a lanyard with energy absorber, a fall arrest device for fall protection or as an anchorage point for a restraint system.

WARNING!

The BEAM Anchor may only be used within the permitted and intended areas of application. Any modification, unintended use, repair or similar will invalidate any liability and warranty of the manufacturer / importer. In the interest of the safety of all parties involved, please follow all rules that apply in connection with safety equipment of this category.

PLEASE NOTE:

Bandwidth:
The BEAM Anchor can only be used on suitable supports. Please refer to the „Dimensions“ section for the permissible and possible dimensions..

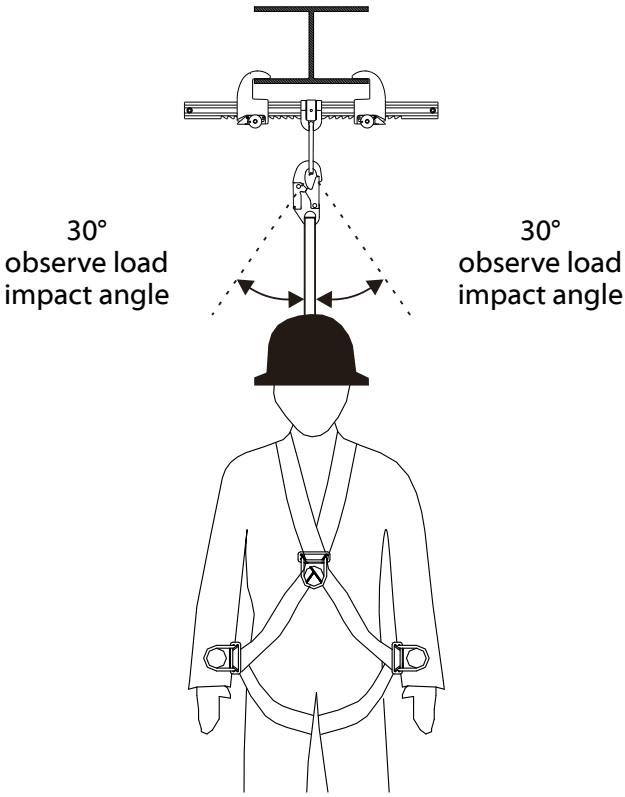
Capacity:
This aluminum beam anchor is designed for use by one person with a total weight (clothing, tools, etc.) of no more than 140 kg (310 lbs). No more than one person may be connected to this device at the same time.

Fallprotection/ Fallabsorber:

BWhen using a retractable type fall arrester, the force applied must not exceed 6 kN. If this value is exceeded, a shock absorber in accordance with EN 355 must be used. Please observe the product information supplied with the energy absorber. Ensure that the systems are compatible.

Load angle:

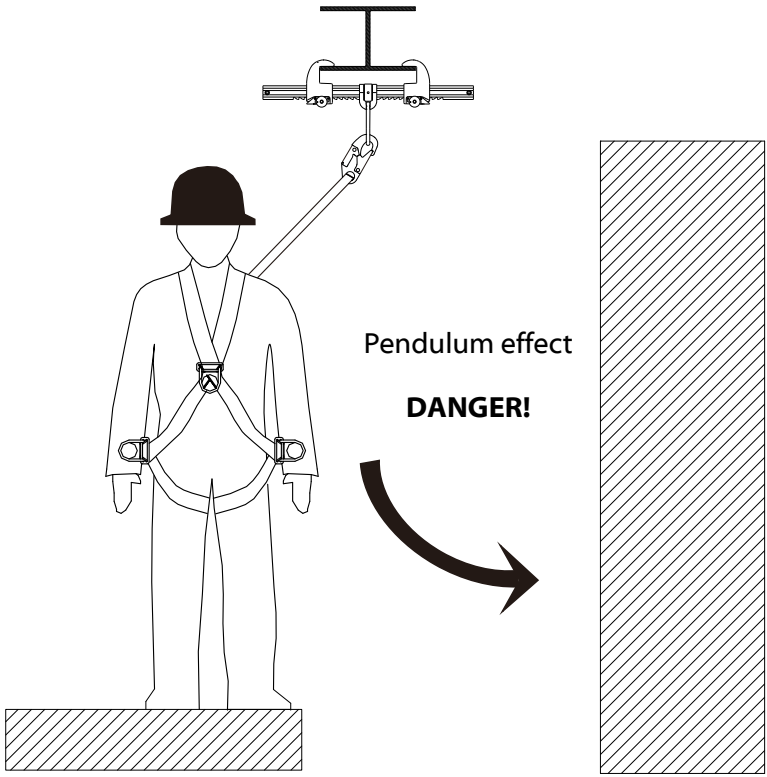
The forces that can act on the BEAM Anchor may only deviate a maximum of 30° from the vertical center line of the support element (on both sides).



Load angle

Pendulum effect:

Be aware of the dangers of the pendulum effect before installation and during use. Ensure that these sources of danger are eliminated or at least minimized as far as possible. Pendulum effects can occur if the BEAM Anchor is not positioned directly above the anchor point. Users should always try to stay as close as possible to the vertical center line below the anchor point or perform work there. Pendulum effects occur when a fall takes place outside the vertical center line of the beam used as an anchor point. Pendulum effects after a fall can significantly increase the risks involved. Even relatively unspectacular falls can turn into serious incidents or even fatalities due to subsequent pendulum effects.

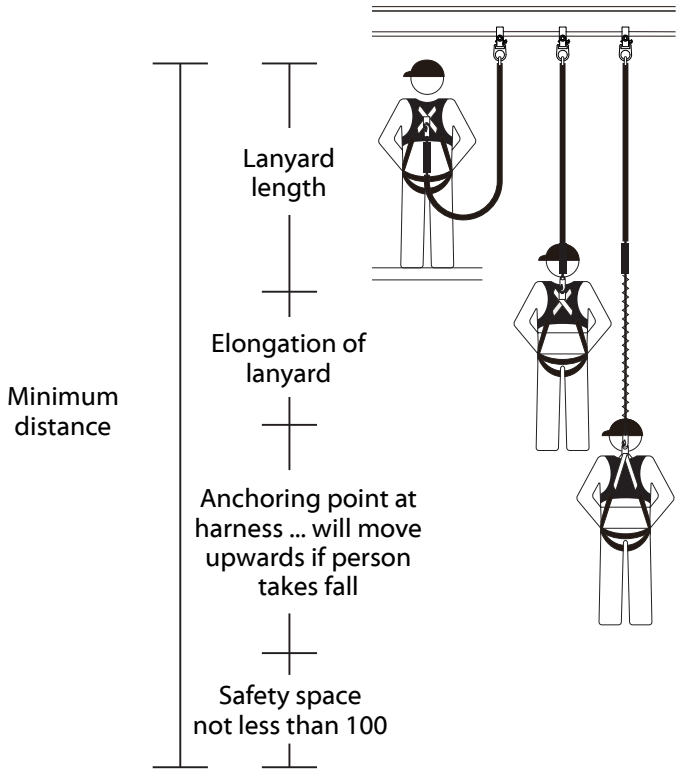


Pendulum effect

Fall space:

There must be sufficient space below the anchor point to catch a fall before the user hits the ground or an obstacle in the fall zone. The assessment of the necessary fall space must take the following parameters into account:

a. Height of the BEAM Anchor attachment point
b. Length of the lanyard
c. Possible extension of the lanyard / fall arrester
d. Elongation / slippage of the anchor point on the harness
e. Height of the user
f. Possible slack rope or delay of the holding system



Assessment of fall space

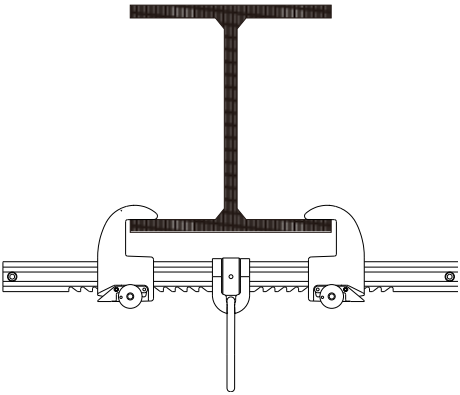
Fall arrest system/ fall protection system/ restraint system/ rope access technology:

The BEAM Anchor can be used either with equipment expressly certified by the manufacturer, with equipment complying with the EN standard (with CE certification), or with equipment complying with the ANSI standard or equipment with similar/comparable certifications. Equipment that does not have any of these certifications may not function properly and may result in danger, injury or even death, as it may affect the operation and safety of the entire system. Users must wear a full body harness when connected to the BEAM Anchor. Carabiners used must comply with EN 362 or similar standards and have a locking mechanism. A screw lock must be checked regularly for safety, even during use. The manufacturer recommends the use of snap hooks equipped with automatic closures. Users must be protected from forces in excess of 6 kN by means of equipment, e.g. by limiting the fall distance or using fall-absorbing elements in accordance with EN 355 or similar, if approved in the geographical area of application.

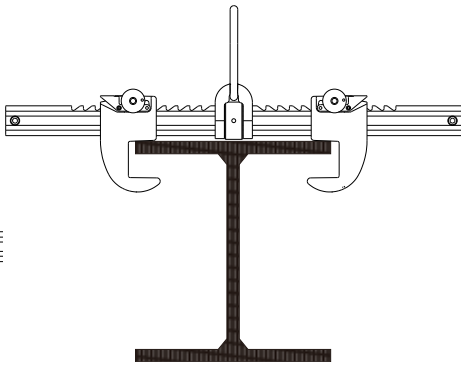
NOTICE:
A hazard analysis must be carried out before using the BEAM Anchor. An adequate rescue concept must be drawn up. Appropriate equipment and trained personnel must be available on site in order to be able to carry out a rescue safely and promptly.

Installation and use

Underside hanging



Top side overlying



Before using the BEAM Anchor, carry out an inspection in accordance with this product information.

The BEAM Anchor can only be attached to a suitable I-beam. The BEAM Anchor can be attached „hanging“ on the underside or „lying“ on the top of a suitable I-beam.

Step 1:
Press the safety lock to adjust the sliding clamps.

Step 2:
Place the BEAM Anchor on the beam flange at the lower or upper position of the I-beam.

Step 3:
Place a sliding clamp against one side of the beam flange. Slide the other sliding clamp against the opposite side of the beam flange. Make sure that the D-ring is in the middle position of the I-beam.

Step 4:
Ensure the safety locks are locked into place.

Step 5:
Ensure the safety lock have not bottomed out. If safety lock has bottomed out, reinstall the sliding clamp to the next locking position.

WARNING:
The BEAM Anchor must always be positioned in such a way that the risk of falling and the possible fall distance are minimized, i.e. above the user, with as little deviation from the main axis as possible (risk of swinging) and not at an angle to the support element to prevent slipping or even possible loosening. The freer and more unobstructed the fall path in the fall zone, the more secure the anchoring of the BEAM Anchor to the support element. Ensure that there is sufficient free fall space before use. Add 1 m safety reserve to the calculated fall space.

TRAINING / INSTRUCTION

It is the responsibility of the user to ensure that this product information has been read and understood. Before using this PPE, it is the responsibility of the user to acquire the appropriate knowledge about the properties of the PPE used, the limits of its suitability for use, the possible uses and the correct maintenance and care of the PPE. The manufacturer as well as the importer (manufacturer in the sense of the GSG) decline any responsibility for damages that occur in connection with the use of the device. If you are unable or unwilling to accept this responsibility, do not use this device!

PPE INSPECTION

Frequency of inspection:

It is best to check the BEAM Anchor for completeness, function and perfect condition of all components before each use. The BEAM Anchor must be checked at least once every 12 months by a competent person who is not the user. The results of this inspection must be documented in a test report.

The BEAM Anchor must be taken out of operation if one or more of the following things are detected:

a. Perfect legibility of the labeling such as CE marking, EN standard (here EN 795:2012B, breaking load 12 kN, symbol „ 1 person“, date of manufacture, reference to product information, individual number, manufacturer's logo, article numbers, importer's logo

b. Externally visible damage. Cracks, deformation, dents, sharp edges. Inspect all relevant parts such as the hexagonal toothed axle, sliding clamps, safety clamps, safety pins. Make sure that all parts are complete.

c. Corrosion. Check the entire BEAM Anchor for corrosion/rust. Light rust, so-called rust film, which can be removed using wire wool or very fine emery paper, for example, poses no danger as long as all moving parts function properly. Deeper corrosion that cannot be removed with wire wool or very fine sandpaper is a safety risk. Sharp edges or burrs can be removed with a file as long as they do not indicate any safety-relevant damage or impair the function.

d. Ensure that the safety pins can be inserted correctly into the holes provided and that the locking buttons function correctly (engage, remove). Ensure that the moving parts all run smoothly

and can be engaged or released.

e. Record all relevant information in the test report.

If you have any doubts about the proper functioning or resilience of the BEAM Anchor, remove it from service. Make the device unusable or mark it as „unusable“ to prevent uninformed persons from making use of a defective and therefore dangerous device.

If the device has been subjected to a fall that has triggered an overload indicator on a fall arrester, carabiner or a shock absorber, discard the device, render it unusable or mark it as „unusable“.

If you are of the opinion that the appliance could be repaired, send it to your dealer or the importer. Do not make any changes to the device and do not carry out any repairs yourself unless you have been expressly authorized in writing by the importer.

NOTICE:
If the safety locks are incomplete or damaged, it is quite possible that the appliance can still be used. Please contact the dealer or importer. If necessary, spare parts can be connected to the appliance. Follow the agreements with your dealer or importer. Please do not carry out any repairs yourself unless written approval has been given by the importer.

WARNING!
Repairs or modifications made to the device by persons not authorized in writing will result in the immediate expiry of any liability or any claims under guarantee or warranty.

DISPOSAL:
The appliance can be disposed of as scrap metal.

MAINTENANCE, SERVICING, STORAGE, TRANSPORTATION

Cleaning/ Maintainance:
Clean the BEAM Anchor regularly with water and a mild soap solution. Do not use acids or corrosive chemicals. These could damage the system components. A suitable lubricant can be applied to the sliding clamps, the safety clamps or the safety pins.

Storage:
Store the device in a cool, dry, dark, chemically neutral place, away from sharp corners, artificial heat sources, moisture, corrosive substances or other harmful conditions.

Transportation:
Transport the device in a protective container to prevent damage to the device, soiling or injury to persons from sharp edges. For example, use the supplied transport box, a robust bag, a container made of sheet metal/plastic or similar.

Avoid exposing the appliance to UV radiation outside the times of use..

Devices that are scheduled for testing, e.g. because time intervals have expired, must be withdrawn from circulation and marked with a „do not use“ label until the test has been completed and the corresponding entry has been made in the test log.

Service Life:
The BEAM Anchor is made entirely of metal and is not subject to any measurable decay processes. The BEAM Anchor can be stored and used indefinitely as long as the function and condition of the device permit. Whether a device can continue to be used is the decision of the user or the competent person who carries out the annual inspection.

If you have any questions in connection with this device and its usability,

please contact your responsible dealer or the importer at info@aliens-outdoor.de

ATTENTION:
This product information must be made available to the user in the language of the country in which this product was sold. Dealers who pass on this product are responsible for this fact.

INSPECTION AND MAINTENANCE LOG

Company: _____

individual Serial Number: _____

Date of first use: _____

Model Number: _____

Year	Date	By a Qualified Person	No Missing Parts	No Corrosion	No Deformation	Functioning Condition	No Changes to Attachment Structure
		Corrective Action			Maintenance Performed		

Year	Date	By a Qualified Person	No Missing Parts	No Corrosion	No Deformation	Functioning Condition	No Changes to Attachment Structure
		Corrective Action			Maintenance Performed		

EU Declaration of Conformity available on: www.aliens-outdoor.de