

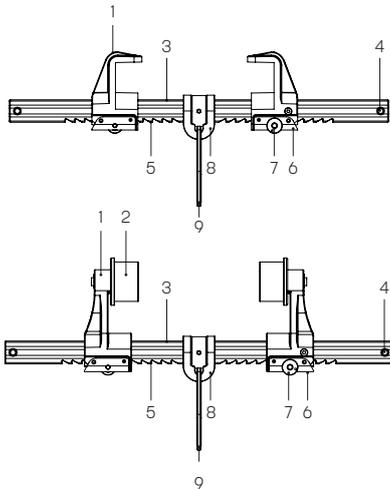


NOTIFIED BODY FOR EU TYPE EXAMINATION AND PRODUCTION CONTROL:

CCQS Certification Services Limited, Block 1 Blanchardstown Corporate Park, Ballycoolin Road, Blanchardstown, Dublin 15 D15 AKK1, Ireland

This product is to be used as part of a personal fall protection system. The user must read the manufacturer's instruction and be familiar with each component of the equipment. The user must fully understand this instruction and to be trained before using this equipment. This equipment should not be used for material lifting or any other use other than a fall protection system. This product is intended for one person. Any alteration, misuse of this equipment, or failure to follow instructions, may result in serious injury or death.

NOMENCLATURE OF PARTS & MARKING



The Beam Anchor consists of the following components:

1. Sliding clamp (AB100)
2. Wheel (AB200)
3. Hexagonal rod
4. End Screw w/Nylon Nut
5. Positioning ratchet for Lock Pin
6. Safety Lock
7. Quick Release Lock Pin
8. D-Ring Hanger
9. D-Ring

MATERIALS

All materials used in the construction of this equipment are as follows:

- Stainless Steel
- Anodized Alloy Aluminium
- Plated Alloy Steel

MARKINGS

- ELLERsafe: Manufacturer name
- AB100 or AB200 is model number;
- CE means conform according to Regulation 2834;
- EN795:2012. means European standard and publication date
- 22kN means maximum rated load

☞ Read the instruction for use

ELLER®SAFE AB100 CE 2834 EN795:2012/B 22kN 1x†

LIMITATIONS

The Beam Anchor is used as an anchorage connector for a personal fall arrest system. It's designed to be attached on the horizontal I-Beam. The Beam Anchor can be used as an end termination for either a shock-absorbing lanyard or self-retracting lifeline for fall arrest, or with a positioning lanyard for fall restraint.

Beam Flange Sizes: The Beam Anchor may only be installed on beams with flanges within the adjustment range of 76-300mm.

- Capacity: This Beam Anchor is designed for one person use with a combined weight (clothing, tools, etc.) of no more than 140kgs. No more than one personal protective system may be connected to this equipment at one time.
- Free Fall: Personal fall arrest systems used with this equipment must be rigged to limit the free fall to a maximum of fall factor 1. The maximum free fall must always be within the manufacturer's free fall capacity of the system components used to arrest the fall. When a free fall greater than Fall Factor 1 is possible, we recommend using a personal fall arrest system incorporating with an energy absorbing lanyard.
- Anchor Load Angle: Loads imposed on the Beam Anchor by the personal fall arrest system must remain within 30 degrees of the vertical centre line of the beam.
- Swing Falls: Before installing or using, make consideration for eliminating or minimizing all swing fall hazards.
- Fall Clearance: There must be sufficient clearance below the anchorage connector to arrest a fall before the user strikes the ground or other obstruction.
- Personal Fall Arrest System: The Beam Anchor is designed for use with CE/EN certified components. Use of this equipment with non-approved components may result in incompatibility between equipment, and could affect the reliability and safety of the complete system. An EN361 full body harness must be worn by the user when connected to the Beam Anchor. When making connections with the Beam Anchor, use an EN362 connector and eliminate all possibility of accidental opening of the gate.

USAGE

Inspect the equipment according to INSPECTION of this manual before each use.

The Beam Anchor can only be installed on a horizontal I-beam, and positioned on the bottom or top of the I-beam.

- Step 1. Remove the quick release lock pins. Then press the safety lock to adjust the sliding clamps.
- Step 2. Place the Beam Anchor onto beam flange on the bottom or top position of the I-beam.
- Step 3. Place a sliding clamp against one side of the beam flange. Slide the other sliding clamp against opposite side of the beam flange. Ensure the D-ring is at the middle position of the I-beam.
- Step 4. Ensure the safety lock is in nearest position to the beam flange.
- Step 5. Insert the quick release lock pins to fix the safety locks, ensuring pins are locked into place.
- Step 6. Ensure the safety lock have not bottomed out. If safety lock has bottomed out, reinstall the sliding clamp to the next locking position.

INSPECTION

Frequency:

Before each use, inspect the Beam Anchor according to following steps. The Beam Anchor must be formally inspected by a competent person other than the user at least every 12 months. Record the results in INSPECTION AND MAINTENANCE LOG.

Inspection Steps:

- Step 1. Inspect Beam Anchor for damage: Look for cracks, dents, or deformities. Look for bending or wear on the hexagonal rod, sliding clamps, safety lock, and quick release lock pin. Ensure no parts are missing.
- Step 2. Inspect entire unit for excessive corrosion.
- Step 3. Ensure the quick release lock pin can be inserted through the hole on safety lock button, and locks in place.
- Step 4. Record the inspection date and results in the INSPECTION AND MAINTENANCE LOG.

If inspection reveals an unsafe or defective condition, remove the equipment from service and destroy, or return to a qualified service point for repairs.

MAINTENANCE, SERVICE & STORAGE

Periodically clean the Beam Anchor with water and a mild soap solution. Do not use acids or other caustic chemicals that could damage the system components. A lubricant may be applied to the safety lock button and the quick release lock pin.

Store the equipment in a cool, dry, dark place, chemically neutral, away from sharp corners, sources of heat, humidity, corrosive substances or other damaging conditions.

REPAIRS

- It is not allowed to repair or make alterations to the Beam Anchor.
- If the quick release lock pin is damaged or absent, the equipment is still in a workable condition. However for safety concerns the equipment must be taken out of service until a new pin is installed by a qualified person.

Replacement pins can be supplied by the manufacturer or qualified service point.

