



TECHNICAL DATASHEET

EDGE FIXED BEAM Anchorage Solution

Fixed Beam Anchor

STANDARD: CONFORMS TO EN 795:2012 TYPE B, ANSI Z359.18-2017 TYPE A C E

Product Introduction:

- Fixed Beam Anchor is a temporary transportable anchor device, which provides an anchorage point while being attached safely on a 'I' beam, without penetrating it. The beam anchor arm has flanges made of brass, and is adjustable to suit different beam sizes.
- Once installed, the D-ring on the aluminium bar of the beam anchor can be used for connection with a variety of connectors for suitable anchorage.



Features:

- Design:** Light weight and adjustable design compatible for different size i-beam.
- Physical parameters:** Robust & durable made from high impact aluminium alloy.
- Anchorage connection:** Provides a secure mobile anchorage connection to structural beams for attaching fall protection equipment.
- Corrosion resistance:** Made up with highly corrosion resistant material increase

Product Specifications:

Model	: EDGE FIXED BEAM
Material	: Aluminium & brass
Breaking Strength	: 23 kN (Minimum)
Safe Working Load Limit	: 140 kg
Fixing Range	: 76mm to 300mm
Net Weight	: 2.3 kg

Benefits:

- Portable & Versatile:** Easily installed and removed, suitable for temporary or permanent use on various beam sizes.
- Reduces Setup Time:** Quick installation saves time during construction, maintenance, and inspection tasks.
- Lightweight Design:** Easy to transport and reposition, reducing worker fatigue.



Fixed Beam Anchor

Applications:

- Provides a **secure anchorage point** on structural I-beams for fall arrest and restraint systems.
- Ideal for **construction and steel structure work** such as bridges, towers, and high-rise buildings.
- Used in **industrial maintenance** in oil & gas plants, power plants, factories, and warehouses.
- Suitable for **rope access operations** during building cleaning, inspection, and repairs.
- Enables safe work positioning in **temporary or permanent anchorage setups**.
- Any elevated horizontal workspace with compatible I-beam lacking permanent or fixed anchor points.

Industries:

The Fixed Beam Anchor is essential for creating a fixed anchorage point for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- **Fall Protection Only:** Use exclusively as a personal fall protection anchorage; never use for material lifting or towing.
- **Training Requirement:** Ensure all users are trained and competent in fall protection and anchorage system use.
- **Environmental Caution:** Avoid installation on beams with oil, grease, or environmental damage that could compromise grip.

Usage Instruction:

- **Inspections:** Conduct periodic inspections and remove from service if any defect is found.
- **Loading:** The Beam Roller should not be loaded beyond their rated capacity.

Storage:

- Store in a cool and dry place, avoid metal container. storage area should be free from direct/high heat or sun light as it can distort the colour and the efficiency. The edge fixed beam anchor can be stored and transported in their cartons or proper carrying case to prevent from physical damage, corrosion due to atmospheric moisture, excessive heat or cold.