



1. General information

Anchoring point is designed for simultaneous connection of 3 users. It is made from polyester tapes and galvanized steel elements. In accordance with EN 795:2012 type B strength of this point is min. 20 kN - the force is applied to any attachment point for personal fall protection equipment.

The set comprises:

- working tape (width 35 mm) with a length as specified in the order – maximum 50 m with tensioning mechanism
- 4 washers to secure corners of structure
- 3 washers with clamp buckle type D.

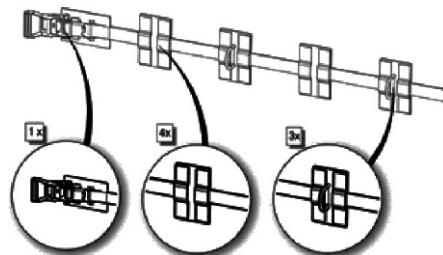


Figure 1. Composition of set

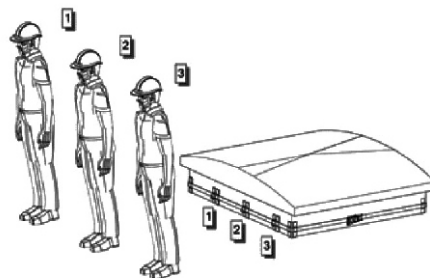


Figure 2. Number of column anchoring point co-users

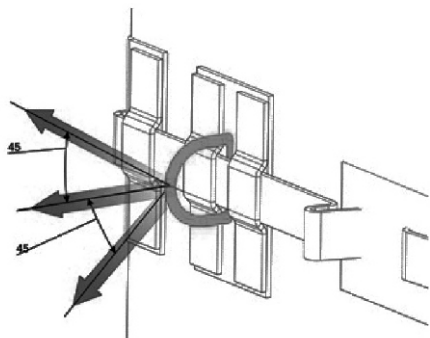


Figure 3. Permissible directions of point load

Anchoring point can be used as an ultimate anchor point for horizontal lifelines compliant with EN 795 Type C. Anchoring point has been tested for increased strength of anchor points (30kN) due to such application. When using anchoring point as an attachment point for horizontal anchor devices it is not possible to simultaneously connect a user with personal fall protection equipment to buckles of the device. Users can be connected only to horizontal anchor devices in accordance with instruction manual for a given horizontal anchor system.

Anchoring point AE100 can be installed on reinforced-concrete, steel poles and skylight structures on condition these structures are able to withstand the following loads:

- 20 kN – for use directly for personal fall protection equipment
- 30 kN – for use with horizontal anchor devices.

2. Time of usage

Maximum time of usage is 10 years from the date of manufacture. After this period the device must be subject to a detailed manufacturer's inspection. The inspection may be carried out by manufacturer or person with necessary knowledge in this respect or trained by the manufacturer

3. Device marking

- Name of device
- Reference no.
- Xxx length of device (xx=20 – 20 m)
- No. of notified body
- No. of standard
- Read the manual before use
- Serial no.
- Date of manufacture
- Manufacturer
- Maximum number of users

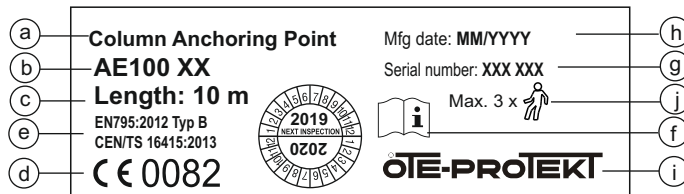


Figure 3. Method of device marking

4. Device configuration

The device can be configured freely with anchor points and washers. Washers should be inserted from the side of the free end of the tape depending on shape of the structural element to which it should be mounted.

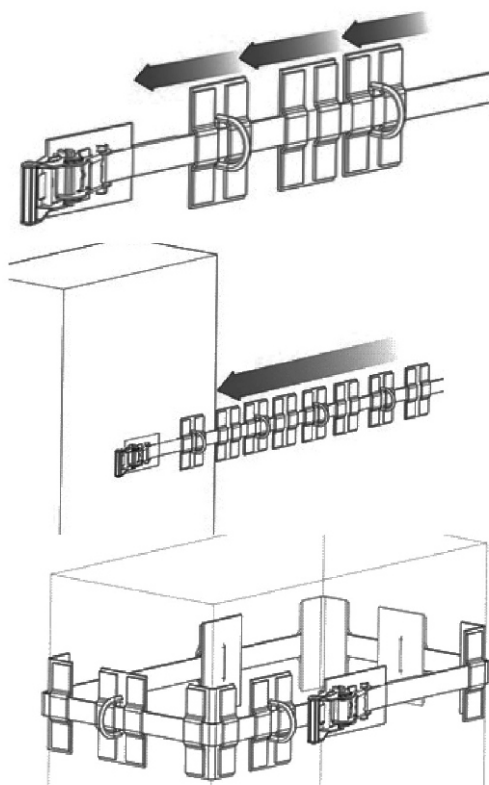


Figure 5. Device configuration

5. Installation of the point

- Before installation the device AE100 should be stored in a clean place, free from vapours of aggressive substances and in conditions preventing any mechanical damages.
- It is necessary to take into account environmental conditions in the place of installation which may cause corrosion of the anchor point and fasteners.
- Follow general rules for use of personal fall protection equipment in accordance with EN 795:2012.
- Example installations are shown in figures.

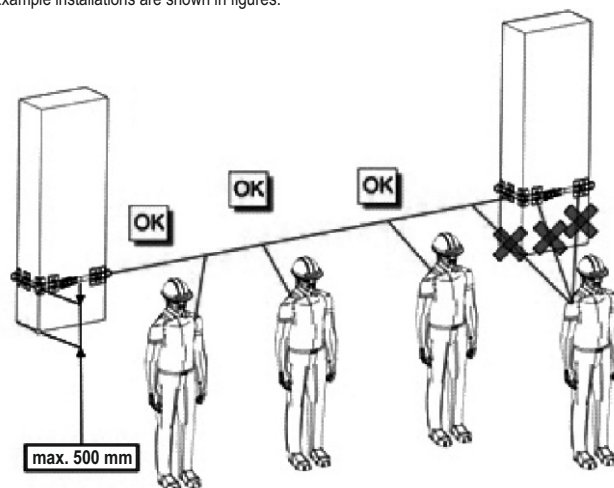


Figure 6. Use of horizontal anchor systems

