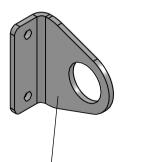
NOTES

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ANCHORING POINT AT 153

PRODUCT DESCRIPTION



The AT 153 anchoring point is a class A1 anchoring device consistent with PN-EN 795 standard. The device is used for anchoring the fall arresting personal protection equipment to all sorts of permanent structures.

The AT 153 anchoring point is designed for use by one person.

The device can be installed on vertical, horizontal or inclined surfaces. It is permanently fixed with the use of two M12 bolts or anchors.

Strength enhancement to 32kN is possible when fixed to steel substrate with the use of bolts and to concrete substrate with the use of an adapter and 4 anchors.

Strength enhancement to 32kN allows the use of AT 153 as an element for fixing horizontal anchoring lanyards, e.g. AE 320.

MARKING



AT 153 EN 795-A1

08/12

Ref. number

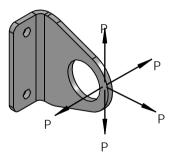
Standard

Serial number = Month/Year of production

Designation of manufacturer

Attention! Read these instructions!







APPLICATION AND LISE PRINCIPLES

- Read these instructions prior to commencement of the anchoring point installation
- Absolutely observe the recommendations.
- 2. These instructions should always be available to persons who install or use the anchoring
- The anchoring point may be installed solely by persons who have the appropriate knowledge and experience. Knowledge of the PN-FN 795 standard and these instructions is of particular importance.
- The installer must be familiarised with the manufacturer's guidelines with respect to anchor and bolt installation for anchoring point assembling.
- The installed anchoring point shall be accepted (inspected) by a competent person (engineer, qualified designer, inspector, etc.). This person shall also check (assess) in terms of strength the permanent structure on which the anchoring point was assembled. Full responsibility for the anchoring point installation shall be borne by the installer. Neither the manufacturer nor distributor shall be held responsible for careless assembly or inconsistent
- 7 with recommendations. The manufacturer and/or distributor provide on request all the necessary technical information about the product, technology of its assembly, method of inspection and declaration of conformity.
- The protection equipment cooperating with the anchoring point should be connected with the use of a connector which meets the requirements and provisions of PN-EN 362 standard, and the recommendations comprised in the instructions for use of the given equipment.
- The AT 153 anchoring point should be used solely for connecting fall arresting personal protection equipment, consistent with directive 89/686/EEC so that the resulting protection system is in conformity with PN-EN 363 or PN-EN 358 standards.
- Where the installer wants to install the anchoring point on a substrate other than those specified in these instructions, e.g. on wood, such installation shall be preceded by strength calculations by an authorised designer in terms of meeting the requirements of PN-EN 795. It is forbidden to use an anchoring point which exhibits defects (fractures, corrosion, deformation, etc.) visibly by the naked eye. It is forbidden to use an anchoring point which was used for fall arresting. Connection of the personal protection equipment to the anchoring point for more than one person, e.g. the anchoring line AE 320 is possible solely when the anchoring point has strength enhanced to 320 N
- 11.
- 13 has strength enhanced to 32kN.
- It is forbidden to hang any loads or weights etc. on the anchoring point.

 It is forbidden to make any modifications to the device, inconsistent with these instructions. 15
- 16. The installed anchoring point which is a part of the protective system should be located above the user.

INSTALLATION

- The AT 153 anchoring point should be stored in a clean and dry place and protected against mechanical, chemical, etc. damage.
- Installation of the anchoring point shall be carried out according to the art of making 2. mechanical (bolts) and structural (anchors) connections.
- mechanical (bolts) and structural (anchors) connections.

 The anchoring point should be installed with the use of size M12 bolt or anchor elements, made of stainless steel at least of grade A2 and strength class 70 or galvanized steel of grade 8.8. The length of bolts and anchors should be adjusted to the planned connections (thickness of the anchoring point, type and thickness of the substrate, etc.).

 When choosing the location for installation of the anchoring point it is necessary to take the local environmental aspects into account (acidic, alkaline environment, etc.), which affect the corrosion resistance of the anchoring point and the fixing elements.

 When installing the anchoring point follow the recommendations specified in the informative annex to PN-EN 795 standard.

 Installation of the anchoring point on concrete substrate should be carried out with the

- Installation of the anchoring point on concrete substrate should be carried out with the use of size M12 mechanical or chemical anchors. The concrete substrates should be featured by compressive strength of not less than 20 MPa.
- Exemplary solutions of assembly are presented in figures in these instructions.

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ANCHORING POINT AT 153

NOTES



INSPECTION AND MAINTENANCE

- 1. Each time before use the anchoring point will be subject to visual inspection.
- 2. If the anchoring point took part in fall arresting it should be inspected in detail and, if approved, released for further use or replaced with a new one, after inspecting the permanent structure at the fixing point.
- 3. It is recommended to carry out periodical reviews of the anchoring point every 12 months, in accordance with the guidelines of PN-EN 795 class A.
- 4. Periodical checks and any special inspections should be recorded in the Identity Card.

IDENTITY CARD

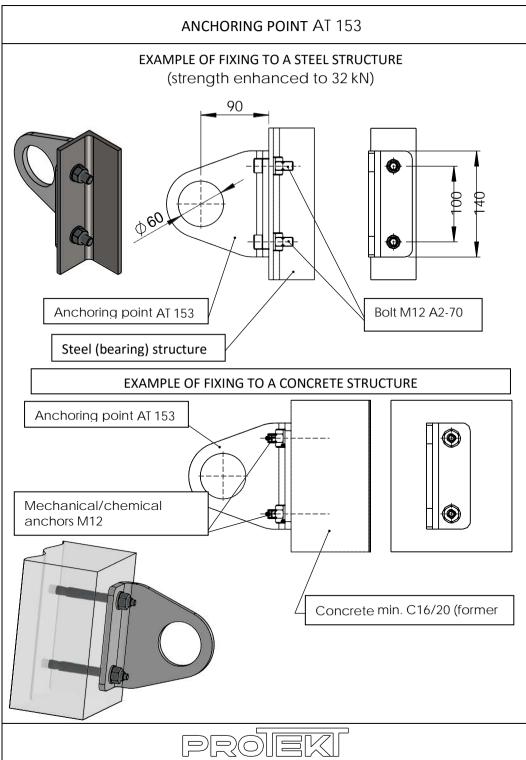
Name of equipment	Ref. number	User's name	
Date of production	Serial number	Date of installation	

Technical inspections

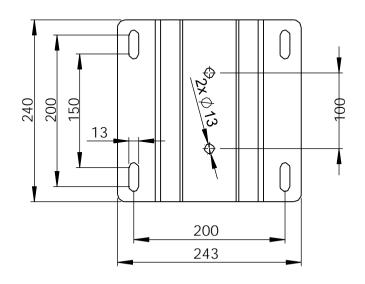
rechnical inspections					
Date	Nature of inspection (periodical, repair, etc.)	Remarks	Date of next inspection	Signature	

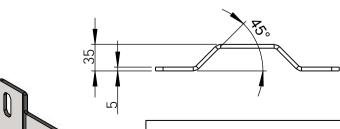
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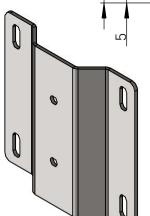
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ADAPTER AT 153A FOR FIXING TO A CONCRETE SUBSTRATE (for strength enhancing to 32 kN)







TECHNICAL DATA

- 1. Material: stainless steel AISI 304
- 2. Sheet thickness: 5 mm
- 3. Assembly on a concrete substrate with the use of 4 mechanical or chemical anchors M12: stainless grade of minimum A2 or galvanized minimum class 8.8

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ANCHORING POINT AT 153

EXAMPLE OF FIXING TO A CONCRETE SUBSTRATE WITH THE USE OF ADAPTER AT 153 A (strength enhanced to 32 kN)

