

# ANCHOR DEVICE PROTON

## INSPECTIONS

1. Before each use a visual inspection should be carried out by the user to ensure that the anchor point is in good condition.
2. When the anchor point was engaged in fall arresting than it should be replaced with new one or submitted under detailed inspection carried out by qualified technician. The result of inspection and permission to further usage shall be recorded in the Operational Sheet.
3. It is recommended that the device is periodically inspected every 12 month after installation. The periodic inspection must be carried out by a qualified person. The result of inspection must be recorded in the Operational Sheet.
4. During the inspections any mechanical, chemical or thermal defects (cracks, deformation or corrosion) should be taken into account.
5. When the anchor point was engaged in fall arresting than it should be replaced with new one or submitted under detailed inspection carried out by qualified technician. The result of inspection should be recorded in the Operational Sheet.
6. In case of any doubt please contact with producer or its authorised representatives.

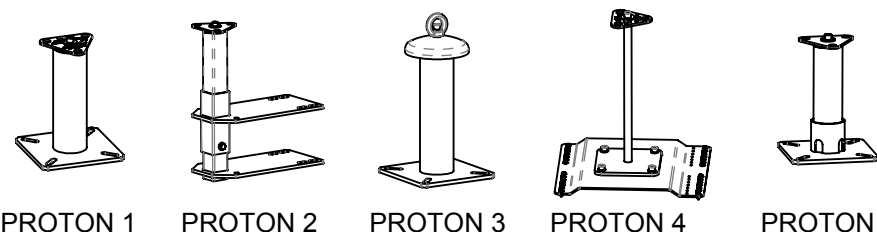
OPERATIONAL SHEET		
Name of the device:	Ref. number:	User name:
Manufacturing date:	Serial number:	Installation date:

Technical examinations and repairing history				
Date	Reason for servicing / repair	Device's condition after servicing	Next examination date	Name and signature of competent person

Producer:  
PROTECTON OY WWW.PROTECTON.FI

# ANCHOR DEVICE PROTON

## INSTRUCTION MANUAL



## PRODUCT DESCRIPTION

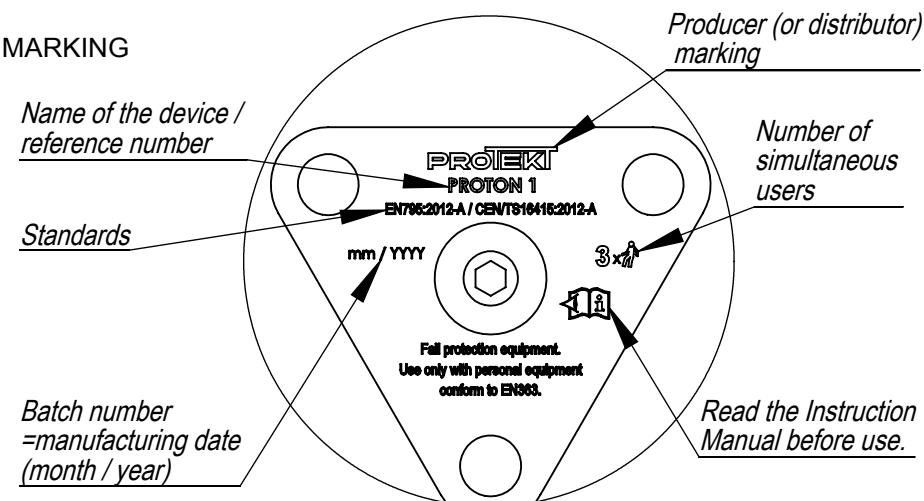
The PROTON range of anchor devices conform to the EN 795:2012 standard and the FprCEN/TS16415:2012. They are designed for connecting a personal equipment against falls from a height to a fixed construction.

The PROTON1 (as well 2, 4, 5) consist of a pole of different height equipped with rotating plate on it's top with three openings for connecting a personal equipment. The PROTON3, on the pole top, is equipped with flange and single eye for connecting personal equipment. The PROTONs: 1; 2; 3; 5 are made of hot deep galvanized steel. The PROTON4 is made of stainless steel.

Number of simultaneous users: 3person for PROTON 1;2;4;5 and 1 person for PROTON 3.

The PROTONS anchor devices may be installed by a people who have enough knowledge and experience in this subject. The method of installation should strictly follow the "PROTON installation manual" guidelines.

## MARKING



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## INSTALLATION

This PROTON anchor device must be installed exclusively by qualified person who have enough knowledge and experience in this subject. In particular such a person should know the EN795 standard, the bolts or anchors manufacturer's guidelines concerning assemblies and this manual. The assembled anchor point should be checked (approved) by a person authorised to check (e.g. engineer or qualified designer).

The person who assembles the anchor point takes full responsibility for the assembly. Neither the manufacturer nor the distributor are responsible for an assembly that is careless and incompliant with the guidelines. On request, the manufacturer and/or distributor deliver all the necessary technical information concerning the product, the technology of its assembly, the way of checking it and the product's declaration conformity to the standards.

As far as possible, the anchor point should be located above the user, in order to limit the fall distance. The environmental conditions existent in place of installation, having an effect on corrosion of the anchor point and/or attachments, should be taken into account.

## ESSENTIAL RULES OF APPLICATION

1. This manual must be read before installation of the anchor point and before using as well. The instruction must be followed.
2. This instruction manual must be kept available to all users. Additional copies can be delivered on request by producer or distributor.
3. The PROTON range of anchor devices can be applied for attaching PPE against falls from a height conform to the EN363 or EN358 standard.
4. Personal protective equipment in association of the PROTON must not be used by people whose health condition may influence their safety during normal use or emergency procedures.
5. Rules of attaching the fall protection system must conform to EN363 standard and standards of applied equipment (e.g. EN354/355 - safety lanyards and energy absorbers, EN353-2 - guided type fall arresters, EN360 - retractable fall arresters, EN358 - work positioning systems).
6. Before each use, the free space required beneath the user at the workplace should be verified, so that, in the case of a fall, there will be no collision with the ground or the other obstacle in the fall path.
7. The anchor point shall be used exclusively in accordance with its purpose. Any special applications must be agreed with producer or authorised representatives. Suspending any loads to the device is forbidden.
8. It is forbidden to use the anchor device on which any damage appears (significant corrosion, cracks or deformations).
9. It is forbidden to make any alteration or additions to the device without the manufacturer's prior written consent.
10. It is forbidden to use an anchor device which serve to fall arresting without detailed inspection and written permission recorded into Operational Sheet.
11. If the product is re-sold outside the original country of destination this instruction should be provided in the language of the country in which the product is to be used.

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## USAGE

The PROTON anchor device is designed to bear dynamic loads which appears during fall arresting up to three persons at the same time. (See fig on right) The PROTON 1 or 2 or 3 or 5 may be used both for protection against falls from a height and for work in suspension. Any possible deformation of the above PROTONs which can appear during fall arresting are unimportant for calculation of the required free space under an user. The PROTON4 may reach deflection up to 0.5 m during fall arresting. The PROTON4 is not recommended as an anchor point for: rope access work, work in suspension or rescue.

