

**RAYCAST® HIGH PRECISION
BASE PLATE-TO-COUCH TOP
FIXATION DEVICES
LOXON™ IN PLASTIC FOR HP
SYSTEM ON QFIX® QUANTUM™
COUCH TOPS**



Article No. : **33218**

A. GENERAL PRODUCT INFORMATION

The product referred to in these instructions is a device used to connect RAYCAST HP base plates to a Qfix® Quantum™ couch top.

To attain an optimal result, it is recommended to use this product in combination with Orfit immobilisation products.

B. PRODUCT DESCRIPTION

LOXON IN PLASTIC for HP is designed for reproducible positioning and stable fixation of Orfit base plates 32110 & 32110/12 (HP Base Plates in CFL), 32110/MR (HP Base Plate in GFL) and 35751N (HP Base Plate in HPL) on any couch with Quantum™ indexing capabilities. Information on these other parts can be found in the respective 'instructions for use' and on www.orfit.com.

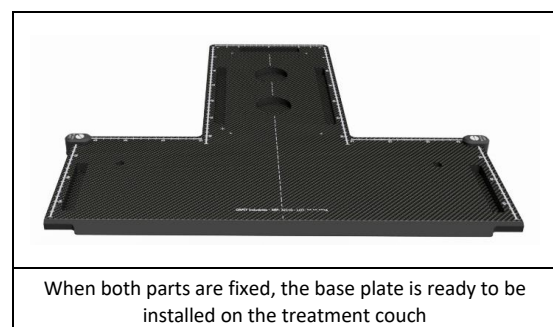
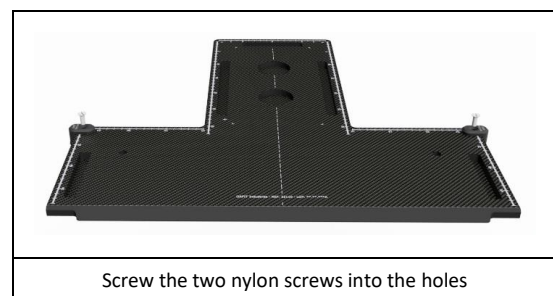
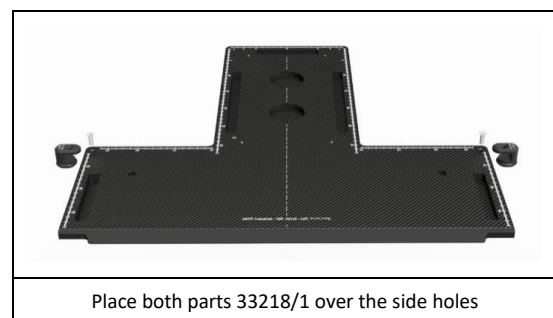
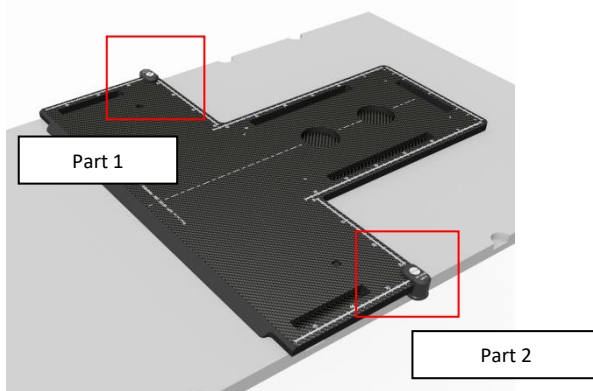
C. PARTS LIST

Article number	Description	pieces
33218/1	Loxon for H&N Base Plate	2
29053/1/5	Nylon screw M6 x 16	2
32207/3	O-ring	4

D. FIXATION TO BASE PLATES

Fixation to the 32110, 32110/12, 32110/MR and 35751N base plates

LOXON consists of two identical pieces that are mounted on both sides of the base plate as shown below:



The two parts of LOXON are mounted on the Orfit Industries base plate with the M6 x 16 screws supplied in the package. Always mount the fixation devices on the base plate before installing the base plate on the couch.

E. PRECAUTIONS FOR USE

- Handle with care.
- Artefacts and imaging effects should be checked by scanning the part prior to actual use.
- Always make sure the Loxon™ is securely locked and indexed in the correct location on the couch.
- Do not apply excessive force on the Loxon™. Detailed information can be found in the section 'Mechanical properties'.

F. STORAGE

Always store the product in a safe place to prevent it from getting damaged.
Store the product between +10°C (50°F) and 40 °C (104°F).

G. PROPERTIES

F.1. Physical Properties

Dimensions (1 item): L 35 mm x W 31 mm x H 25 mm
L 1.38" x W 1.22" x H 0.98"
Weight (1 item): 0.02 kg
0.044 lbs

This product is made entirely of electrically non-conductive, non-metallic and non-magnetic materials and is MR safe.

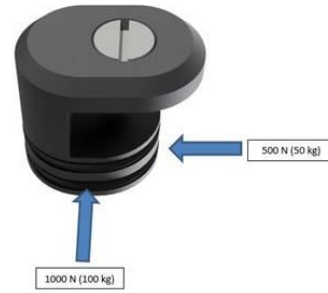


F.2. Mechanical Properties

The LOXON IN PLASTIC is made of a composite material that provides the necessary stability to get accurate patient positioning even under frequent use.

A single fixation block Ref. 33218 can endure the following forces:

- 500 Newtons (50 kg) in the lateral direction of the couchtop.
- 1000 Newtons (100 kg) in the longitudinal direction of the couchtop.



F.3. Dosimetric Properties

Because of the high density material, do not use in the path of the beam.

Artefacts and imaging effects should be checked by scanning the part prior to actual use.

H. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of an ethanol based disinfectant, applied with a soft cloth. If unsure about the cleaning fluid, do not use. **Never use aerosol sprays, corrosive cleaning agents, solvents or abrasive detergents.** Further cleaning instructions can be found in the [Orfit Cleaning Guidelines](#).

Periodic checks of the products should be done to insure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself**, but contact your distributor if there are any questions or concerns.

The product can be disposed of with household waste.

I. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets and regulatory information, please visit our website www.orfit.com.

Note:

It is prohibited to make alterations to this text without prior approval from Orfit Industries.
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