

RAYCAST® HIGH PRECISION BASE PLATE-TO-COUCH TOP FIXATION DEVICES

AIO LATERAL FIXATION DEVICE



Article Nos. : **32814**

32815

32816

32817

A. GENERAL PRODUCT INFORMATION

These products are lateral fixation devices to attach the AIO, IMRT & SBRT long base plates to **couch tops with a width of 500, 510, 520 and 530 mm** with the Pinpoint™, Exact™, iBEAM®, Prodigy™ type indexing and to non-indexed couch types. Make sure to choose the right article, depending on the specific width of the treatment couch:

Article #	Description
32814	AIO Lateral Fixation Device, 500 mm
32815	AIO Lateral Fixation Device, 510 mm
32816	AIO Lateral Fixation Device, 520 mm
32817	AIO Lateral Fixation Device, 530 mm

B. PRODUCT DESCRIPTION

This fixation device features two positioning blocks that can be attached on both sides of the long base plates of the AIO (#32301, #32301/PED, 32301/NOLS) and IMRT (#32150, #32150/PED) & SBRT (#32317/1) base plates. The fixation device is specifically designed to fix the baseplate **laterally on treatment couches with a width of 500, 510, 520 or 530 mm**. They are compatible with Pinpoint™, Exact™, I-Beam™, Prodigy™ type indexed couches as well as with non-indexed couch types. To obtain a highly reproducible patient position, **it is required to use the device in combination with one of the following longitudinal fixation devices**: indexing bars #32154, #32166, #32151, #32165, #32190, #32191, etc. Information on these other parts can be found in the respective 'Instructions for Use'.

Parts list **32814**:

#	Ref. No.	Description
2	32814	AIO Lateral Fixation, 500 mm
4	32813/5	M5 x 20 Screw

Parts list **32815**:

#	Ref. No.	Description
2	32815	AIO Lateral Fixation, 510 mm
4	32813/5	M5 x 20 Screw

Parts list **32816**:

#	Ref. No.	Description
2	32816	AIO Lateral Fixation, 520 mm
4	32813/5	M5 x 20 Screw

Parts list **32817**:

#	Ref. No.	Description
2	32817	AIO Lateral Fixation, 530 mm
4	32813/5	M5 x 20 Screw

C. INSTRUCTIONS FOR USE

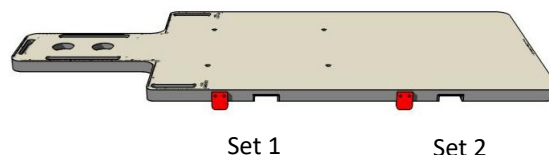
The two blocks of this fixation device have a circular recess on the inside that fits over the bulbs of the Prodigy™ and Pinpoint™ style indexing system.

Mount both indexing plates to the side of the base plate using the four M5x20 screws. You will need a flat-head screwdriver to turn the screws. Do not excessively tight the screws as they are made out of plastic.

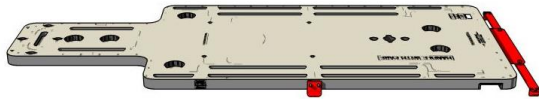
Fixation on an IMRT or AIO Base Plate



It is possible to use 2 sets of this fixation device on the IMRT (#32150, #32150/PED), AIO (#32301, #32301/PED, 32301/NOLS) and SBRT (#32317/1) Long Base Plate for lateral fixation on a couch top. See picture below. **Never do this when the baseplate is hanging over the edge of the couch.**



In all cases – except for non-indexed couches - use a set of the AIO Lateral Fixation Device (or an additional secondary set) in combination with a 2-pin bar at the caudal end to ensure a longitudinal fixation. See picture below.



Remark:

You can only use 2 sets of this fixation device on an AIO plate if the lot number is **/03/** or higher. The lot number is engraved on the patient support surface at the caudal end.

Version **/03/** is standard production for AIO low density and high density base plates since May 2011.

If the lot number is older (example **/02/**) then only one set can be used at the center base plate position.

D. 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 (122°F).

E. PROPERTIES

E.1. Physical Properties

Dimensions : L 38 mm x W 36 mm x H 15 mm (20/25/30 mm, depending on ART#)

Weight: 0.013 kg

E.2. Material Properties

Material POM (fixation plate): 1,4 gr/cm³

Material PVDF (screws): 1,78 gr/cm³

These products are made entirely of electrically non-conductive, non-metallic and non-magnetic materials and are MRI safe.



Warning: keep metal wrenches which might be supplied in the package out of the MRI room.

E.3. Dosimetric Properties

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

F. MAINTENANCE AND WASTE MANAGEMENT

This product can be cleaned and disinfected by means of soapy water or an isopropanol 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.**

Periodic checks of the product should be done to make sure the parts are not worn and require repair or replacement. **Do not attempt to make repairs yourself.** Contact your distributor if there are any questions or concerns.

The product can be disposed of with household waste.

G. FIXATION DEVICES COMBINATION PACKAGES

These products are part of one or more of following fixation devices combination packages:

- 33141
- 33129
- 33162
- 33143
- 33154
- 33156
- 33144
- 33136
- 33165
- 33138
- 33163
- 33142
- 33155
- 33166
- 33145

H. 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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