

Foundation System 30 mm Tube and 30 mm Adapter Instructions

WHAT'S IN THE BOX

One of the following:

Aluminum 30 mm Adapter (FND-130030)

Titanium 30 mm Adapter (FND-220030)

Aluminum Fixed Adapter with 30 mm Aluminum Tube (FND-131330), includes Tube Insert (FND-000030)

Titanium Fixed Adapter with 30 mm Aluminum Tube (FND-221330), includes Tube Insert (FND-000030)

30 mm Aluminum Tube (FND-011330), includes 2 Tube Inserts (FND-000030)

Instructions

INSTALLATION

Connecting a 30 mm Tube to a 30 mm Adapter

Note: A 30mm Tube Insert (Part No. FND-000030) is required for the end of the 30 mm tube that does not have a Fixed Adapter. The end with the Fixed Adapter already has a 30 mm Tube Insert installed. (If using a 30 mm Tube that does not have a fixed adapter, repeat steps 2 and 3 for both ends.)

1. Cut the 30 mm Tube to length using standard methods. Be sure to deburr the inside of the tube after cutting, and chamfer the outside edge of the tube.
2. Press a 30 mm Tube Insert into the open end of the 30 mm Tube. The insert should fit snugly and be flush with the end of the tube.

Warning: Failure to install a 30 mm Tube Insert will lessen the structural integrity of the tube and could cause failure of the prosthesis and injury to the amputee.

3. Install a 30 mm Adapter onto the end of the tube and tighten the adapter clamp bolt to 8-10 ft-lbs (11-14 Nm). For subsequent tightening, you may need to increase the torque to 10-12 ft-lbs (14-16 Nm).
4. To cut the pylon after the 30 mm Tube Insert has been installed, press the insert slightly farther into the tube than the cut so that the 30 mm Tube Insert will not be cut. For definitive assembly, the insert must be pulled back out so that it is flush with the end of the tube. Install a 10 mm bolt into the hole in the center of the insert to facilitate pulling the insert out.

Once alignment has been achieved, apply Loctite 242 (or equivalent) to all pyramid setscrews and tighten the setscrews to 12 ft-lbs (16 Nm).

Increasing the Length of the Prosthesis

The only way to increase the length of a prosthesis made with Foundation components is to install a longer 30 mm Aluminum Tube. **Do not attempt to increase the length by inserting a spacer of any type into a 30 mm Adapter.**

Warning: Inserting a spacer between the pylon and the 30mm Adapter may cause failure of the prosthesis and/or injury to the amputee.

Connecting a 30 mm Adapter to a Foot Pyramid

Before attaching a 30 mm Adapter to a prosthetic foot using a foot pyramid, ensure that the end of the foot bolt stays within 1/16" (2 mm) of the top of the foot pyramid.

Caution: If the foot bolt extends more than 1/16" (2 mm) above the foot pyramid, the bolt will interfere with the function of the Foundation components.

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WARRANTY

The warranty for the Foundation System Pylons and 30 mm Adapters is one year from date of invoice, provided that the components are selected according to the following criteria:

Note: The weights listed below are modified body weights. Modified body weight is defined as the weight of the amputee plus any loads carried by the amputee.

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Level 4</u>
Aluminum 30 mm Adapter	250 lb. 115 kg.	250 lb. 115 kg.	220 lb. 100 kg.	n/r*
Titanium 30 mm Adapter	250 lb. 115 kg.	250 lb. 115 kg.	250 lb. 115 kg.	250 lb. 115 kg.
Aluminum Fixed Adapter with 30 mm Aluminum Tube	250 lb. 115 kg.	250 lb. 115 kg.	220 lb. 100 kg.	n/r
Titanium Fixed Adapter with 30 mm Aluminum Tube	250 lb. 115 kg.	250 lb. 115 kg.	220 lb. 100 kg.	220 lb. 100 kg.
30 mm Aluminum Tube, 400 mm	250 lb. 115 kg.	250 lb. 115 kg.	220 lb. 100 kg.	220 lb. 100 kg.

*n/r - not recommended

Level 1: Has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence. Typical of the limited and unlimited household ambulator.

Level 2: Has the ability to traverse low level environmental barriers such as curbs, stairs, or uneven surfaces. Typical of the community ambulator.

Level 3: Has the ability or potential for ambulations with variable cadence. Typical of the community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilization beyond simple locomotion.

Level 4: Has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress, or energy levels. Typical of the prosthetic demands of the child, active adult, or athlete.

Note: Participation in regular sports and/or exercise activities will decrease the service life of Aluminum Foundation Components. WillowWood recommends use of the Titanium Foundation or Magnum Components for patients with these increased activity levels.

Use of a Foundation System Pylon or 30 mm Adapter for amputees who do not meet the above criteria or who engage in extremely high and abusive activities is against WillowWood's recommendations and will void the one year warranty. "Extremely high and abusive activities" are defined as activities such as skydiving, karate, and judo; activities that could result in injury to an individual's natural limbs; and activities that expose the prosthesis to corrosives such as salt water.

WARRANTY DISCLAIMER

WillowWood warrants that each product manufactured will, at the time of delivery, be of workmanlike quality and substantially free of defects. WILLOWWOOD MAKES NO OTHER WARRANTY, IMPLIED, OR EXPRESSED, AND MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty shall terminate immediately upon an action to combine our products with other materials or in any manner to change the nature of our products. The sole remedy is replacement of the products or credit for the products. WillowWood's liability shall not exceed the purchase price of the product. WillowWood shall not be liable for any indirect, incidental, or consequential damage.

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