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Bounders Free Range & Bounder Dorsi Stop Fabrication Instructions

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Bounders Free Range Fabrication Instructions

1: Bounders Free Range

Available in two (2) lengths and three (3) durometers.



Bounders Free Range

Bounders are a Patent Pending product



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Instructions for use:

1. Cover patient model with a minimum of three layers of sheer wicking.

2. Apply the tooling dummies according to the proper tooling placements.

3. Pull plastic directly over the tooling dummies.

4. Press the plastic flat on top of tooling.

5. Grind/Buff outside of plastic to the tooling surface.

6. Remove tooling.

7. The distal Dacron strap is fed through the slot from the inside and riveted down at the hole from the tooling.

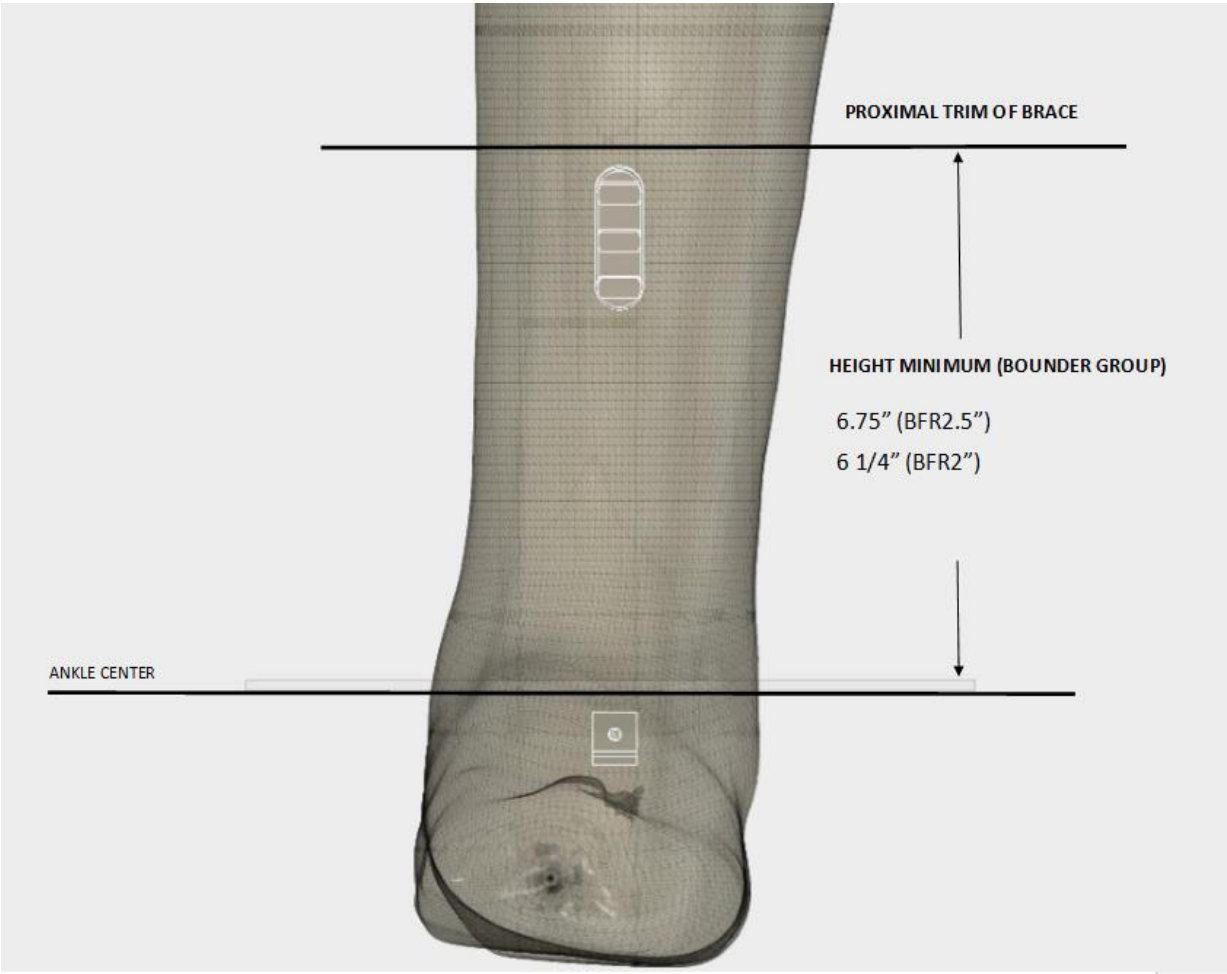
Adjustable and interchangeable plantar assist. Available in 3 durometers and 2 lengths. Kit includes single Bounders Free Range with both distal and proximal tooling.



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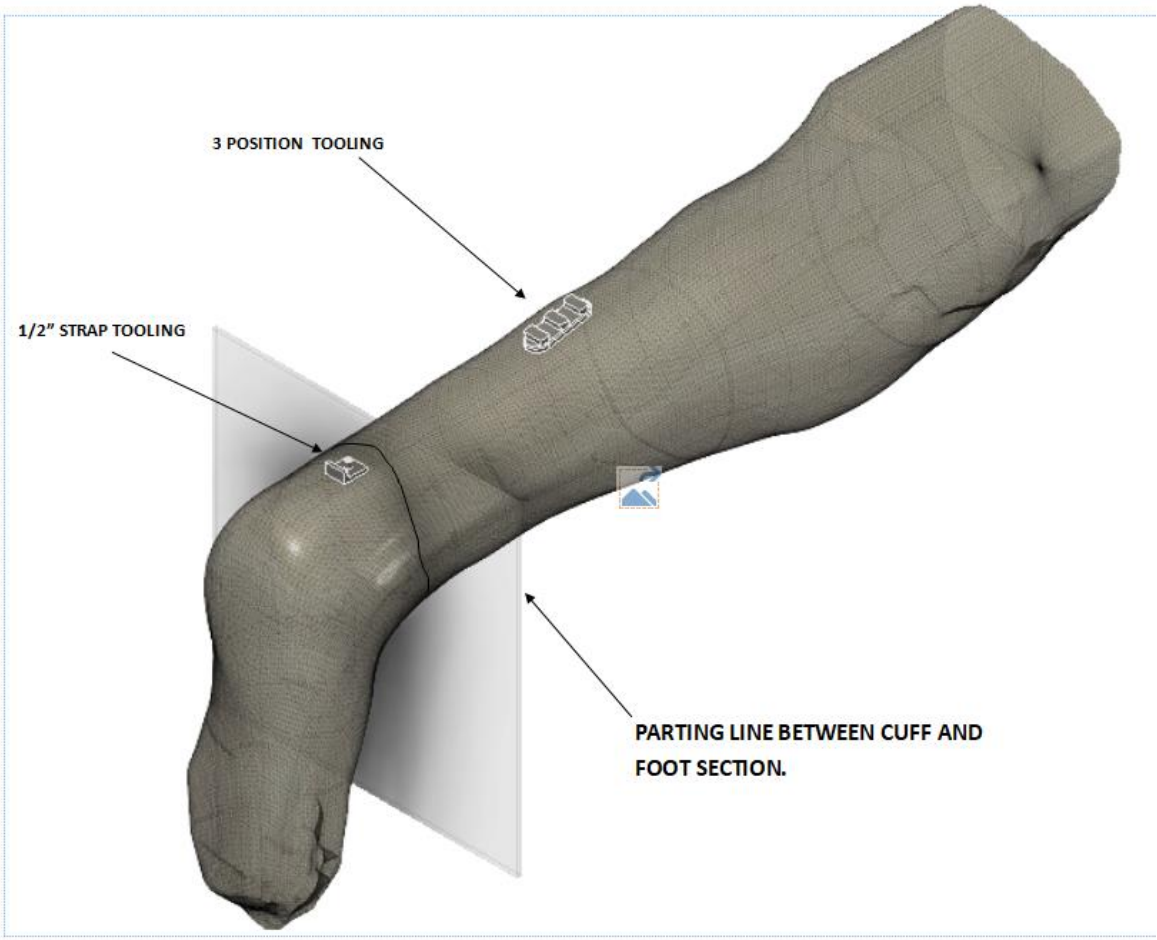
Because of the space needed to function, each Free Range Bounder Part has a minimum height requirement.

THERE IS NO MAXIMUM HEIGHT REQUIRED FOR THE AFO.



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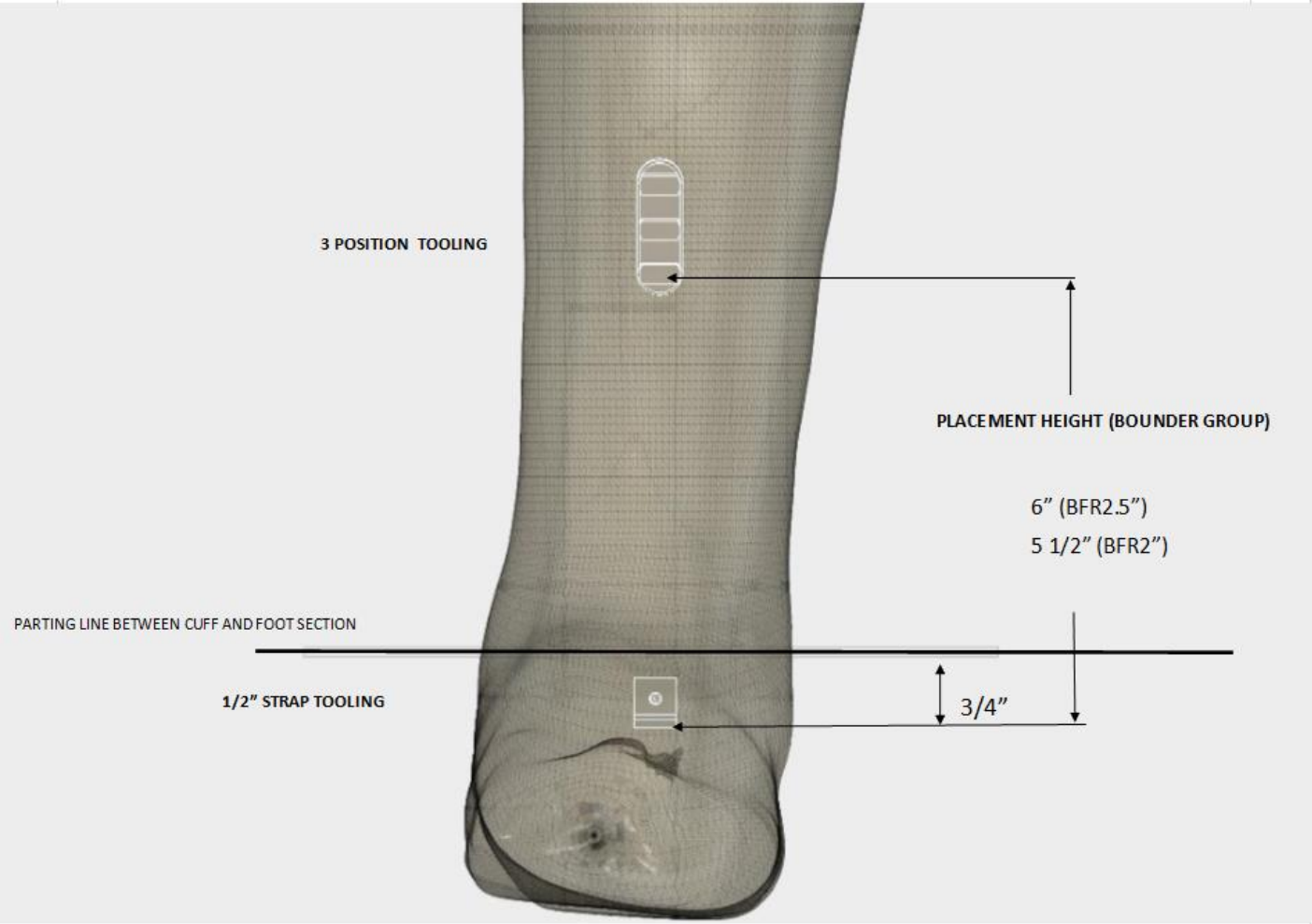
Location of Tooling Dummies on the posterior of the model prior to pulling the plastic



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Correct Tooling Dummies placement for Bounders Free range parts



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Bounders Dorsi Stop Fabrication Instructions

2: Bounders Dorsi Stop

Available in one (1) length and three (3) durometers.



Bounders Dorsi Stop

Bounders are a Patent Pending product



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Instructions for use:

1. Cover patient model with a minimum of three layers of sheer wicking.

2. Apply the tooling dummies according to the proper tooling placements.

3. Pull plastic directly over the tooling dummies.

4. Press the plastic flat on top of tooling.

5. Grind/Buff outside of plastic to the tooling surface.

6. Remove tooling.

7. The proximal and distal Dacron strap is fed through the slot from the inside and riveted down at the hole from the tooling.

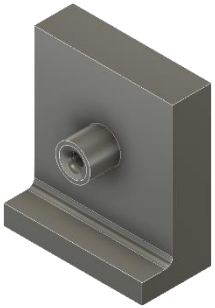
Plantar assist with internal dorsi flexion stop. Available in 3 durometers. Kits sold with proximal and distal tooling.



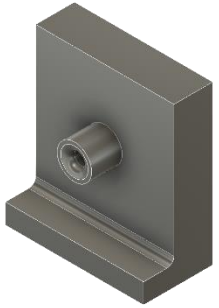
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USE OF THE BOUDER DORSI STOP PARTS REQUIRES PROPER SETUP OF TOOLING DUMMIES ON THE POSTERIOR SIDE OF THE MODEL PRIOR TO PULLING THE PLASTIC.



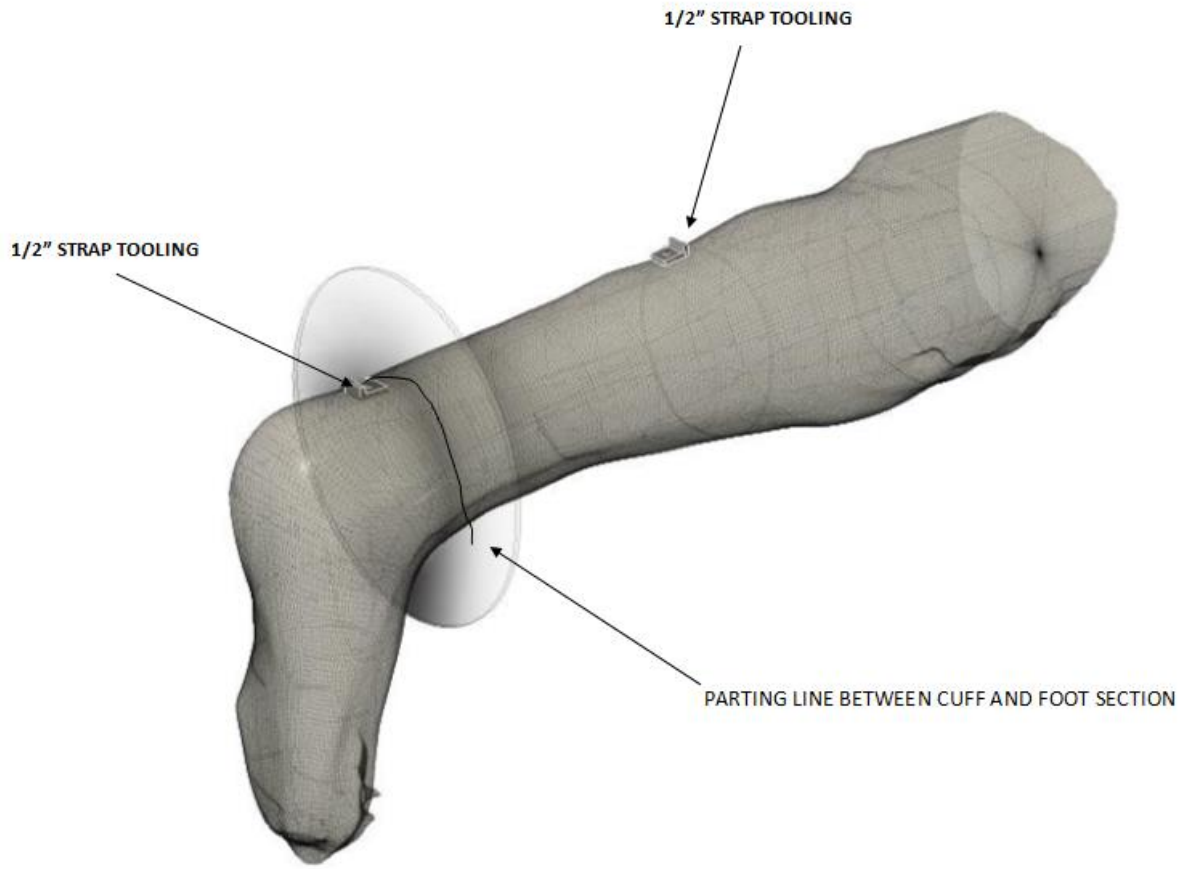
1/2” Strap Tooling:
This is the proximal attachment point for the Bounders.



1/2” Strap Tooling:
This is the distal attachment point for the Bounders.

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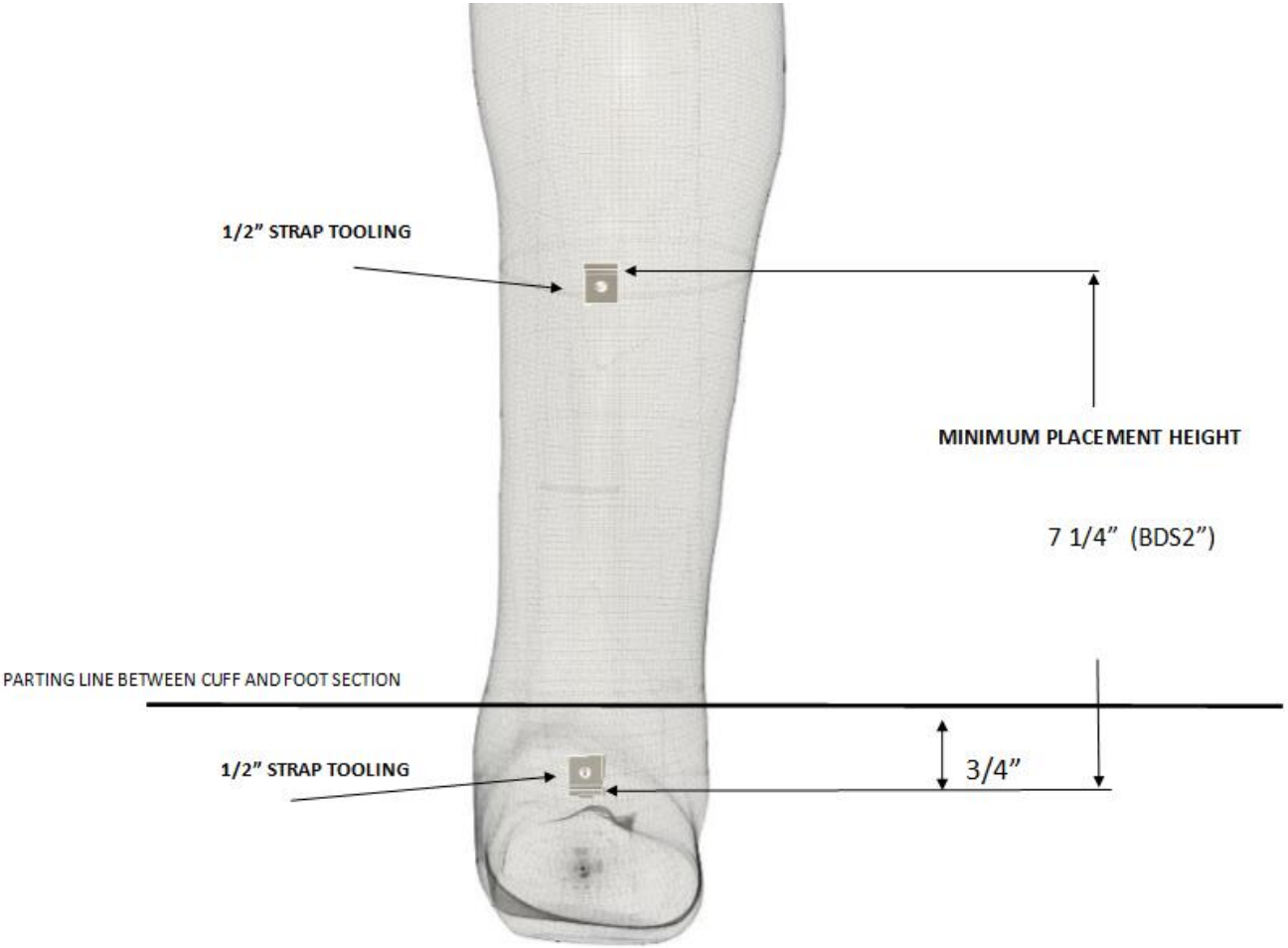
Location of Tooling Dummies on the posterior of the model prior to pulling the plastic



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Proper Tooling Dummies placement for Bounders Dorsi Stop Parts



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Bounders Dorsi Stop Tuning Instructions

The KEY to success with the Dacron strap is to pull it TIGHT so its' almost at its' end range. The AFO should only progress 2-3 degrees into dorsiflexion before the Bounders Dorsi Stop reaches its end stop. You will notice that the patient will still achieve 5-7 degrees of dorsiflexion during ambulation.

(Crouch gait patients require the AFO should be pre-set in 10-12 degrees of PF.)

1. ***Attach the Bounder to the distal attachment using one of the supplied Dacron straps.***

2. ***Slide the Dacron from the proximal end of the Bounder through the proximal strap tooling slot, leave unattached.***

3. ***The Bounder is adjusted by varying the length of the proximal Dacron attachment.***

4. ***With AFO standing upright on table pull proximal Dacron until full extension of bounder is achieved.***

5. ***From this point let out enough Dacron slack to allow the AFO to flex 3 degrees. Once the proper amount has been determined mark the Dacron for proximal hole attachment, then burn a hole and attach. Cut away any excess strap.***

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