

Free Motion Hinge

The stainless steel Surestep Free Motion Hinge is a simple, low profile hinge that is quickly becoming the first choice by O&P clinicians across the country. With no alignment rods or jigs necessary, these hinges can be visually aligned, formed and pulled within a few short minutes, saving valuable fabrication time. Now available in 3 sizes; infant, pediatric and adult.



ADULT



PEDIATRIC



INFANT

Tired of replacing bent rivets?

Say goodbye to the days of pounding rivets and replacing poorly installed speedy rivets! With the Surestep Rivet Press, you will be able to streamline the fabrication process, saving time and eliminating the need for the re-installation of rivets.

Contact the Surestep team to purchase your rivet press today!



Technical Support

Surestep

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South Bend, IN 46635
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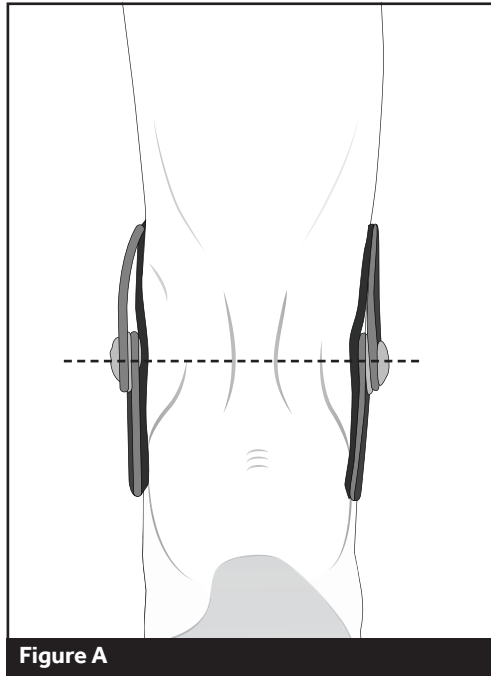
STAINLESS STEEL
Free Motion Hinge



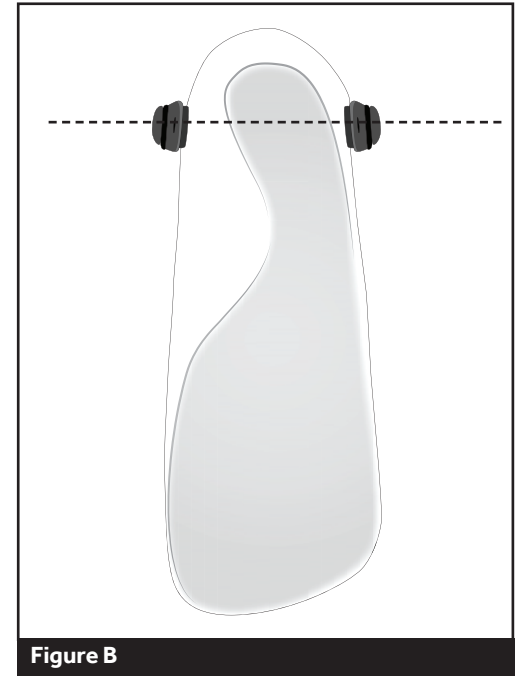
surestep.net

Instructions

1. Pour negative model as normal.
No pins or rods are necessary.
2. Strip and modify mold as normal, with standard malleolar build-ups.
3. Prior to positioning hinges on mold, place at least one layer of nylon over positive model.
4. Position each hinge so that the axis of the hinge is at or near the joint axis, taking care to “visually” align the hinges to the same height (A).
If necessary, shift hinges up, down, anteriorly or posteriorly (B) to improve alignment.
 - Any necessary changes to the contour of the hinge can easily be done by hand, no contouring tools should be necessary.Small gapping between hinge and mold is normal and expected. It is not necessary to fill these small gaps with plaster or clay.
5. Place hinges on positive model by peeling off the protective paper and using the self-adhesive cork spacer to stick to the model.
6. Wrap electrical tape around the mold, tightly securing the hinges in place.
7. Add at least one layer of vacuum nylon over the mold and hinges. At this point, there should be sandwiched between two layers of nylon.
8. Vacuum form as normal.



9. When removing orthosis from mold, **DO NOT CUT ACROSS HINGES WITH CAST SAW OR BAND SAW.**
10. Using a hot knife, cut/melt plastic directly over center of hinge, to separate proximal and distal sections of AFO.
11. Finish plastic as normal.



12. Attach hinges to AFO with #10 or #12 copper rivet/burr or with Chicago style screws. Compressions or “speedy rivets” may be used, at your discretion, on pediatric and infant size hinges. Only use these style rivets if compressing with a rivet squeezer. **DO NOT USE A HAMMER AND RIVET BAR** when using speedy rivets or compression rivets.