



THUASNE



Townsend
ATHUASNE COMPANY

SpryStep[®] Custom

Specialty Bracing Innovation



TOWNSEND
THUASNE USA

SpryStep® Custom

Recommended base code L1950 (posterior model)
or L1945 (anterior model)

The SpryStep® range is now available in a custom version, offering two main configurations: posterior and anterior. With its posterior lateral strut design, the SpryStep® offers an unparalleled dynamic gait for the patient. The precise selection and layup of diverse composite materials create remarkable strength and beautiful cosmetic characteristics.



Malleable calf cuff
self-contours to the
patient's anatomy

SpryStep® Custom is offered in a
wide variety of strut stiffnesses,
to address the patient's weight,
mobility and pathology

The spiral strut is uniquely
positioned behind the malleoli
to amplify energy return and
fit more easily into most shoes

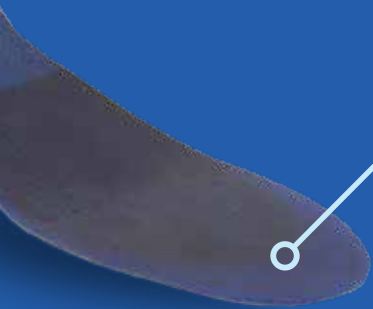


SpryStep® Plus is also available in a
custom version that accommodates
patients with complex anatomy
and mobility issues



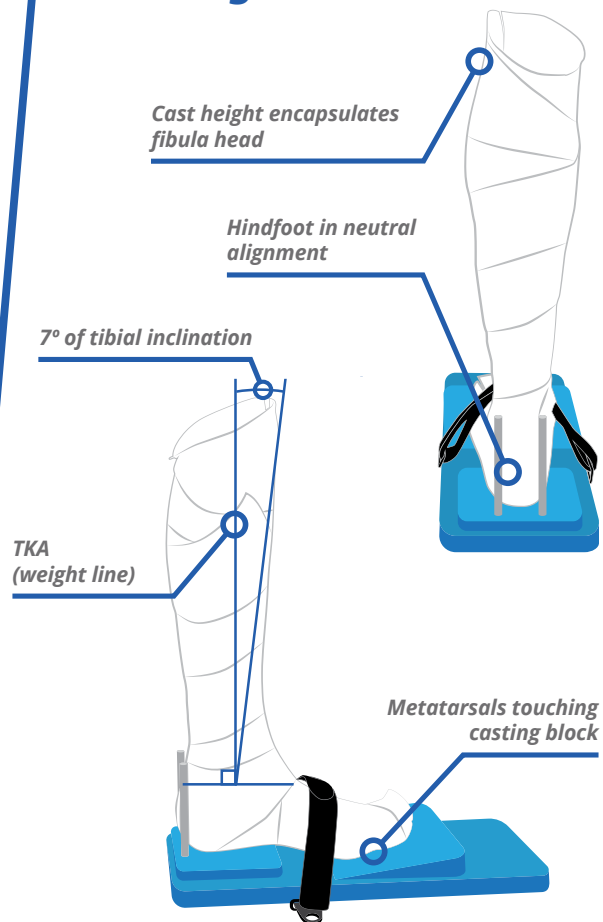
Optional pre-tib shell available on posterior shell model

Strong and incredibly lightweight composite superstructure tested to 2-million cycles*



Cyclic load resistant aramid forefoot

Casting Protocols



Accurate representation of heel height must be captured in the negative cast (use of casting block or other systems)

Indicate Bony Landmarks

- Fibula head
- Tibial tubercle
- Tibial crest
- Medial & lateral malleolus
- Navicular bone
- 1st metatarsal head
- 5th metatarsal head
- Base of 5th metatarsal

For posterior models: please run the cut strip anterior

For anterior models: please run the cut strip posterior

** The SpryStep® Custom was independently tested by mechanical engineers using a surrogate leg and a loaded cyclic testing device, achieving two million cycles with no structural deficits. Cycle testing performed by an independent lab under ISO10328 servo pneumatic test system. This standard is typically used to test prosthetic feet.*

Casting Protocols are critical to the success of the SpryStep® Custom. Make sure the negative cast mold complies with these requirements. Adherence to the casting and ordering protocol enables Thuasne USA's staff to accurately modify the cast and fabricate the brace. Attention to detail will ensure the device achieves the desired control and mobility objectives.

Importance of the order form

Prior to ordering a SpryStep® Custom, carefully review the order form. As a complement to the cast, the order form provides critical information to customize the brace fabrication.

SpryStep® Family

PDAC Approved L1951 & L1932

Along with the Custom SpryStep®, Thuasne USA also offers SpryStep® off-the-shelf composite AFOs.



SpryStep® Dynamic Spiral Strut AFO

PDAC APPROVED L1951

Launched in October, 2016, the SpryStep® is an elegant and effective solution that is incredibly durable. During the first year of sales, reported warranty replacements due to delamination were 2 units per 1000 sold.



SpryStep® Plus Dynamic Anterior AFO

PDAC APPROVED L1932

The SpryStep® Plus incorporates the SpryStep® posterior lateral strut and trimmable forefoot design in an anterior Ground Reaction AFO. The geometry provides excellent dynamic properties and optimized durability.



SpryStep® Max Dynamic Anterior AFO

PDAC APPROVED L1932

The SpryStep® Max is an enhanced rendition of a traditional full anterior shell AFO, with increased dynamic response and knee stabilizing benefits.



Townsend /Thuasne USA

ThuasneUSA.com • 4615 Shepard Street, Bakersfield, CA 93313 • 800.432.3466