

Prescription profile:

Component weight:	555g* (with foot shell)
Max. Patient weight:	Size 22-30=100kg K1-K4 Size 25-30=125kg K1-K3
Build height:	65mm size 22-24 70mm size 25-26 75mm size 27-30
Heel height:	10mm
Recommended for activity level:	

		Amputee Weight (kg)								Spring set
		44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125	
	1	1	2	3	4	5	6	7		
	1	2	3	4	5	6	7	8		

Size 25-30 only

Example
ESP **25L** **3**
Size/side Spring set



COSMESIS

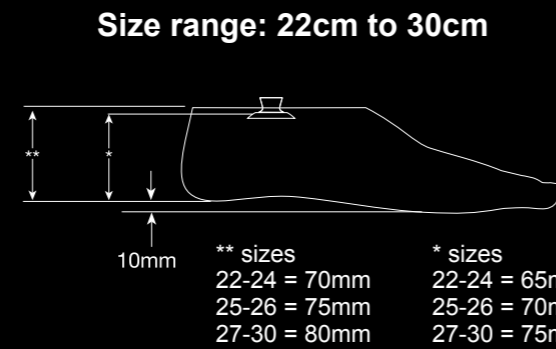
The Esprit foot shell includes a clip in cosmesis attachment plate for ease of cosmetic finishing. This comes as part of the foot package.

*For dark tone footshell please suffix part number with D

Sizes 25-30 rated to 125kg
 Sizes 22-24 rated to 100kg

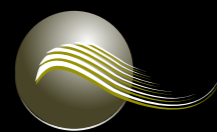
WARRANTY

36 months for Esprit foot,
 12 months for foot shells



THE SPIRIT OF THE AGE: INNOVATION IN A MINIATURE PACKAGE.

A low profile foot with all the best terrain features, including independent heel and toe springs configured to give you excellent ground compliance and response.



endolite
 get busy living



endolite
 get busy living

Tests prove that the Esprit Foot provides superior terrain compliance, yet retains good energy return at toe off.

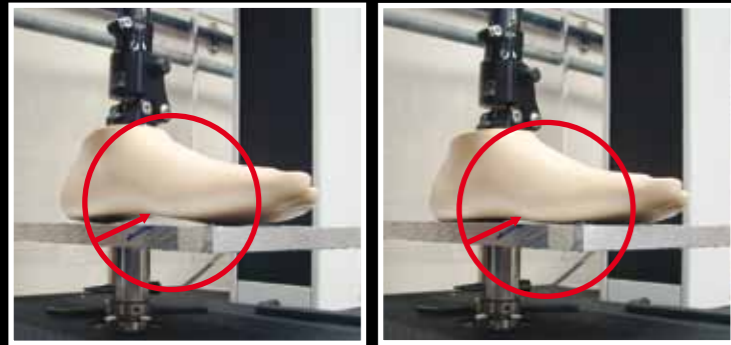


Fig. A

Fig. B

These test pictures demonstrate that Esprit reaches foot flat on a 5° incline under a 500N load, see Fig. A & B, whereas competitor feet require 900N to 1500N to reach foot flat (spring categories selected for a 70kg amputee). This proves that the Esprit is providing active compliance, throughout the gait cycle and not just at initial heel strike.



The Esprit is the ideal choice for active amputees, who want the benefits of an energy responsive foot in a minimum build height. Designed to be compatible with the latest adjustable heel height units and shock absorbing devices, the Esprit offers superior gait response in a compact design.

Energy Management: The Low Profile springs comprise an e-carbon™ lay up to ensure a proportional and efficient response to the user's preferred activities. The smooth roll over has a beneficial effect on trans-femoral stability and gait efficiency. **Stability:** The tri-pod system provides excellent medio-lateral compliance and conforms effectively to all terrain. **Build combinations:** There is a range of shock absorbing and heel adjustable components to compliment the Esprit.

Gradient Compliance:

The Esprit mimics the natural foot by actively conforming to all terrain. In tests the Esprit demonstrated compliance, perfectly matched to the user weight and activity levels, right through the gait cycle.

Vertical Compliance: Maximised by patented independent heel and toe spring deflection, Esprit compresses during activities to increase user comfort.



Brio Adjustable heel height device



TTPro® Shock and torque absorber

Vertical Compression

The vertical compression results, Fig. C, demonstrate that Esprit provides better shock absorption than competitors: X, Y & Z.

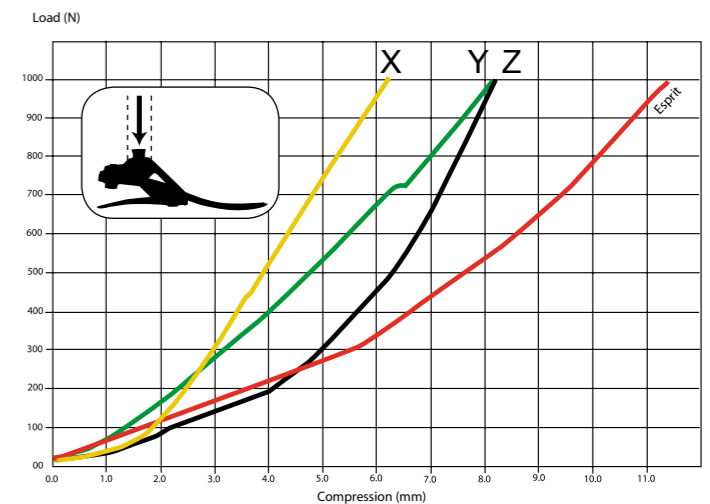


Fig. C

Gait Analysis

- Even transfer of shear forces for a smooth roll over
- Tri-pod spring orientation ensures natural load transfer at late stance
- Efficient propulsion for energy responsive mobility