

ENDOLITE

Chas. A. Blatchford & Sons Ltd

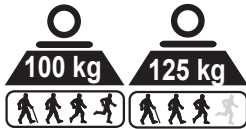
Lister Road, Basingstoke, Hampshire, RG22 4AH, United Kingdom

Telephone: +44 (0)1256 316600 Facsimile: +44 (0)1256 479705

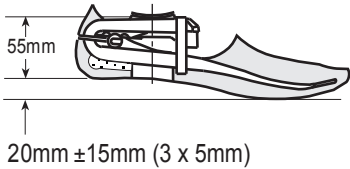
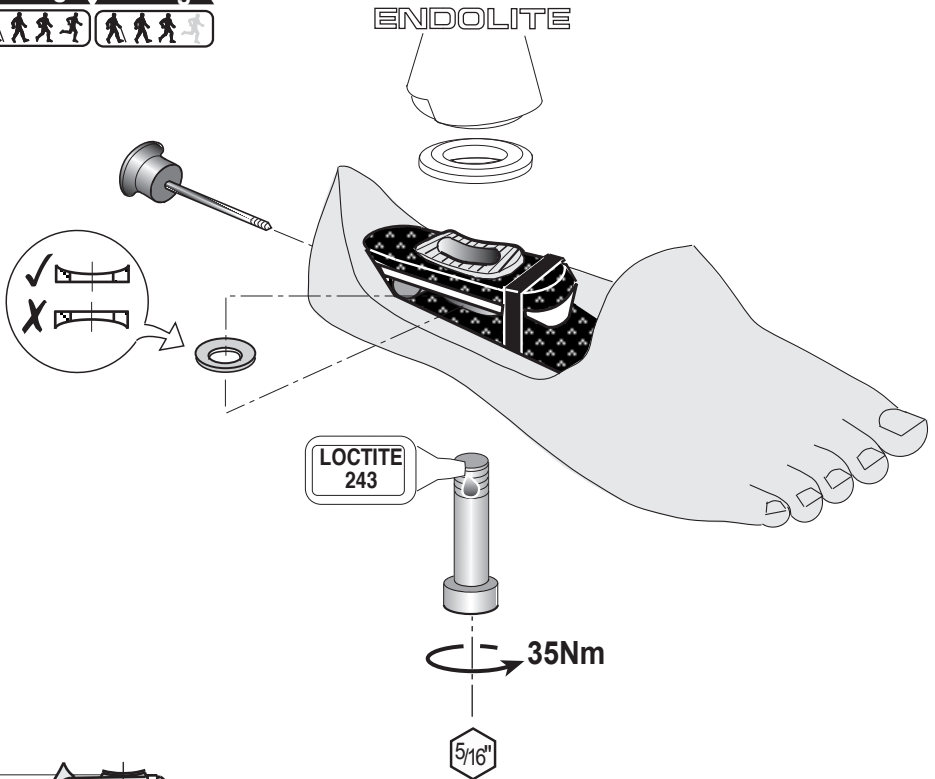
Email: sales@blatchford.co.uk www.blatchford.co.uk

Dynamic Response Foot 2

529120 - 137



ENDOLITE



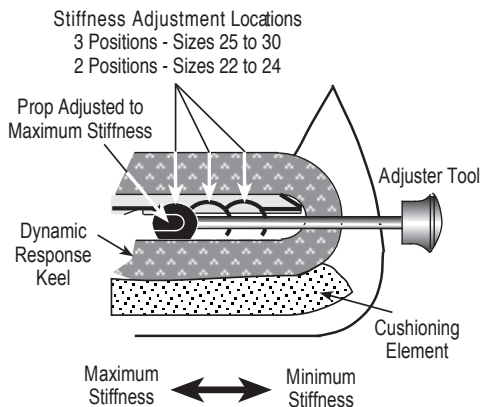
938091/03-0305

**The Dynamic Response Foot
is designed to be combined with the
Standard range of Multiflex Ankles
and is supplied with all necessary items
for immediate fitting.**

The ankle should be fitted with an 80° Blue or 70° Orange Snubber depending on the patient's activity level and weight. Snubber Support (500022) should be fitted as shown. This arrangement ensures that the majority of dorsi flexion occurs in the highly efficient keel whilst retaining the ankle's M-L and plantar flexing properties. The Prosthetist may select any hardness of rubber for the ball of the ankle to give the desired plantar flexion characteristics.

The heel height (nominally 20mm) is adjustable in the same way as existing Multiflex Feet to suit a particular patient's requirements. However, optimum overall performance may be achieved if the foot is slightly plantar flexed.

The keel itself has a stiffness which may be adjusted by the Prosthetist to suit individual patient requirements. The stiffness is controlled by the location of the movable prop which, in turn, controls the working length of the keel. When the prop is moved, for adjustment, it will locate (with a click) into one of the pre-set locations.



To adjust the position:-

1. Insert Adjuster Tool (940061) through the hole in the heel of the foot and screw into the prop.
2. The movable prop MUST then be pushed FULLY forward before proceeding with the adjustment.
3. Adjustment is then achieved by PULLING the prop to required location (see diagram). Maximum stiffness is obtained with the prop in the forward location.
4. Unscrew and remove tool.

On the finished prosthesis, the position of the prop can be ascertained by inserting the Adjuster Tool and simply PULLING the movable prop and counting the number of locations/clicks moved. Readjust to original or new location.

NOTES:

1. If the Dynamic Response Foot is removed from Multiflex Ankle, the Foot Bolt (400022) should be cleaned and Loctite 243(926012) added to thread before re-assembly. TORQUE TIGHTEN TO 35Nm.
2. If a knife is used to remove the Ankle Fairing, care must be taken to avoid cutting through the restraining strap. (See diagram for position).
3. After extended periods of use in one position, the stiffness adjuster prop of the Dynamic Response Foot may develop a slight 'creaking' noise. This can be easily eliminated by adjusting the prop from one extreme to the other and then returning it to the preferred position. Exceptionally a spot of petroleum jelly may be required to re-lubricate the mating surfaces.