

# TaiLor Made™ Foot Quick Guide for Ottobock Microprocessor Knees

**The 1T01 TaiLor Made foot has now been approved by Otto Bock HealthCare Products GmbH for possible combination with the following knees:**

- Ottobock 3B5 Genium® X3
- Ottobock 3B1 Genium®
- Ottobock 3C88/98-3 C-Leg® 4 (restricted to sizes 22 cm – 27 cm)
- Ottobock 3C88/98-2 C-Leg® 3
- Ottobock 3C60 Kenevo®

**Use the following steps for properly configuring the Ottobock microprocessor-controlled knee with the 1T101 foot.**

## **Genium and Genium X3**

### Special Considerations

- Follow the software prompts for a fitting with a standard Ottobock foot.

### X-Soft Software Set-up

- In the Job Specification tab, choose the “**Standard**” option under Foot Type.

**Note:** When using the Tube Adapter Configuration Tool in X Soft with ‘Standard’ foot selected, the system height for that particular foot must be manually entered into the configuration tool.

**Bench Alignment:** Follow the Ottobock C-Leg Bench Alignment recommendations (see below)

**Note:** Do not follow the bench alignment recommendation in X-Soft since this will be incorrect for the TaiLor Made foot.

**Static Alignment:** Follow the standard procedure for using the CAA (Computer Assisted Alignment) in the software.

## **C-Leg**

**Special Considerations:** Follow the software prompts for a fitting with a standard Ottobock foot.

### C-Soft Plus Software Set-up

- In the Job Specification tab, choose the “**Standard**” option under Foot Type

**Note:** When using the Tube Adapter Configuration Tool in XSoft with ‘Standard’ foot selected, the system height for that particular foot must be manually entered into the configuration tool.

**Note:** There is no selection of the foot type in C-Soft.

**Bench Alignment:** Follow the Ottobock C-Leg Bench Alignment recommendation in the instructions for use (see below).

**Static Alignment:** Follow the C-Leg Static Alignment recommendation in the instructions for use (see below).

## **Kenevo**

Although this knee is allowed for use with the TaiLor Made foot, Ottobock would not typically suggest this K2 knee with a carbon foot except under special circumstances.

Please contact an Ottobock Professional Clinical Service clinician if wanting to use this combination.

## **C-Leg Bench Alignment Recommendation from Instructions For Use**

- Position the middle of the foot (MF) approx. 30 mm/1.18 inch anterior to the alignment reference line (A). This applies to all foot components that are recommended for use with the product, regardless of the previous alignment specifications in the Instructions for Use of those feet.
- Noting the alignment recommendation of the foot component, add 5 mm to the effective heel height (shoe heel height – sole thickness in the forefoot area), and set the outward rotation of the foot.
- Place the alignment reference point (=knee axis) approx. 0-5 mm/0-0.19 inch anterior to the alignment reference line. Take into account the knee-ground distance and outward rotation of the knee (the adapter insert provides for a rotation of approx. 5°). The recommended sagittal positioning of the alignment reference point is 20 mm/0.79 inch above the medial tibial plateau.
- Connect the foot and knee joint using a tube adapter. To do so, tilt the joint in the correct position and set the required tube length.
- Mark the lateral center of the socket with a centered, proximal dot and a centered, distal dot. Mark a line through both dots from the socket brim to the end of the socket. Use the 4H105 knee extender (see IFU page 22).
- Now position the socket such that the alignment reference line passes through the proximal centre dot. Adjust the socket flexion to 3° – 5°, but take the individual situation (e.g. hip joint contractures) and the ischial tuberosity-to-ground distance into account.
- The adjustment software helps to determine the socket flexion precisely.
- Connect the socket and modular knee joint using an adapter.

## **C-Leg Static Alignment Recommendation from the Instructions For Use**

- To determine the load line, have the patient (with shoes) stand on the force measurement plate with the prosthesis side and on the height compensation plate with the other leg. The prosthesis side must be sufficiently loaded (> 35% body weight). Note the weight display on the L.A.S.A.R. Posture.
- Optimize the alignment solely by changing the plantar flexion. Only make adjustments to the distal and proximal set screws of the socket adapter on the prosthetic foot, so that the load line (laser line) runs approx. 30 mm/1.18 inch in front of the alignment reference point (= knee axis) of the knee joint.