

**Patient Information**

**Fit Date:** \_\_\_\_\_

**Patient's Last Name:** \_\_\_\_\_

**Patient's First Name:** \_\_\_\_\_

Male  Female      **Age** \_\_\_\_\_

**Weight** \_\_\_\_\_ (LBS)      **Height** \_\_\_\_\_ (IN)

**Leg:**  Left  Right

**Townsend Knee Orthosis Ordered:** \_\_\_\_\_

**Comments:** \_\_\_\_\_

\_\_\_\_\_

**1. Choose and complete the most appropriate Premier or Full Shell knee orthosis order form**

**2. Choose one of the following extension options:**

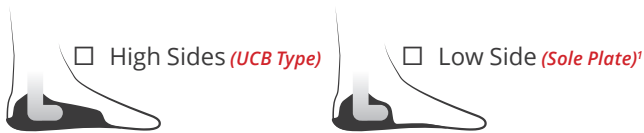
- Medial Extension
- Lateral Extension

**3. Fill out orthometry chart**

**4. Choose the ankle joint**

**5. Choose the foot plate options**

- Graphite Lamination<sup>1</sup> (*rigid, max control, less adjustable*)  
<sup>1</sup> (*Not available in sulcus or toe length*)
- Polypropylene (*stiff, heat adjustable*)
- Co-Polymer (*softer, more flexible, heat adjustable*)
- Black Poly Pro (*good all around and heat adjustable*)






<sup>2</sup> **DO NOT use low side foot plate with anterior stop ankle joints.**

**Foot Plate Trim**

- Heel cup (*proximal to the base of the 5th metatarsal*)
- Trim proximal to the metatarsal heads
- Trim to toe sulcus
- Trim to toes - Outline of full foot required!!!

**Heel Trim**

-  Open heel (*graphite footplate only*)
-  Half heel
-  Full heel (*Closed*)

**Foot Plate Padding**

- Fabricate entire foot plate with no padding
- Line entire foot plate with 1/8 inch padding
- Line entire foot plate with 1/4 inch padding
- Line sides with 1/8 inch; sole with 1/4 inch
- Line sole with 1/8 inch; no padding on sides

**Description**

The Townsend graphite extension to the floor is available for any custom Premier or Full Shell frame. The extension can be added to the medial or lateral side of the orthosis. You must provide a KAFO cast or KAFO digital scan. This option is not an add-on or retrofit. It is a continuation of the lamination during initial fabrication.

**First Function**

The Townsend graphite extension provides a definitive solution to migration concerns. Also, the graphite extension provides enhanced leverage for stability, correction and rotation control.

**How to Order**

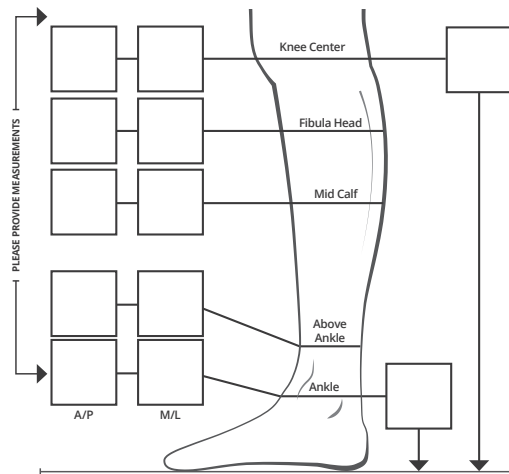
You can design a Townsend Knee Orthosis with an extension to the floor in five easy steps!

**Townsend Ankle Joints**

- HD Free
- Dorsi Assist

**Becker Ankle Joints** (*Townsend stocked items*)

- Free Ankle
- Dorsi Assist
- Double Adjustable with Springs Only  
(Anterior or posterior pins may damage the frame)
- Standard Action (*Model # 3025-A*)  
(Fused ankle when assembled)
  - Set fused ankle position at \_\_\_\_\_ ° of plantar flexion
  - Set fused ankle position at \_\_\_\_\_ ° of dorsi flexion
- Grind limited motion to:
  - \_\_\_\_\_ ° plantar flexion **and/or** \_\_\_\_\_ ° dorsi flexion
- Grind as free ankle



**Bend knee to 90 degrees and check toe out**

Desired Toe Out is \_\_\_\_\_ degrees

Heel Height of Shoe \_\_\_\_\_ "

Casting Block Used \_\_\_\_\_ "