

Full Shell BK Carbon Graphite

Specialty Bracing Solutions

Contact Information

☐ Clinician ☐ Fitter/Assistant/Tech ☐ Other: _____

Name: _____

Email: _____ Phone: _____

Billing & Shipping

PO#: _____

Billing Account#: _____

Shipping Account#: _____

Ordering Clinician

☐ CPO ☐ CO ☐ CP ☐ Other: _____

Name: _____

Email: _____ Phone: _____

Shipping Address: _____

City: _____ State: _____ Zip: _____

Shipping Preference

☐ Ground

☐ Next Day AM

☐ Next Day PM

☐ 2-Day AM

☐ 2-Day PM

(If no preference is indicated, this order will be shipped 2 Day PM) Note: We do not ship products directly to patients.

Please Follow Step-By-Step Cast Protocol Instructions

The Townsend Full Shell BK Orthosis is designed to fit directly over your patients prosthetic socket. The thigh and tibial shell will integrate with any conventional or vacuum suspension system. All protocol must be followed as an intimate fit is imperative for proper function and acceptance by your patient.

1. Cast your patient, fit your test socket, and then laminate your definitive socket with adaptors as needed.
2. Complete your dynamic alignment as necessary and finalize all adjustments that need to be completed.
3. Add plastic wrap over your patients entire prosthesis. This includes the shoe, pylon, adaptors, gel liners, and suspension sleeves.
4. Add a stockinette and a cut strip to the prosthesis. If you are ordering an anterior tibial shell, the cut strip MUST be on the posterior of the socket. If you are ordering a posterior calf shell, the cut strip MUST be on the anterior of the socket. Cut strips on the same side of the distal shell will result in a poor fit.
5. Use elastic plaster or hybrid casting tape only. Do not use standard plaster or fiberglass casting rolls.
6. Wrap your cast from the four hole or distal adaptor to three inches above your thigh shell length. Once you have wrapped your cast, you must stand the patient. The patient MUST stand in the same position that you completed your dynamic alignment in.
7. Once the cast has hardened, mark the MTP, MPT, and tibial crest on the OUTSIDE of the cast. This will help isolate proper knee center during modification and alignment.
8. Make a single line down your cut strip and add hash marks down this line. Remove your cast and secure with staples to ensure proper alignment.
9. Allow cast to fully dry before shipping in a well padded box.

Patient Information

Fit Date: _____ Patient ID: _____

Age _____ Weight _____ (LBS) Height _____ (IN)

☐ Male ☐ Female Leg: ☐ Left ☐ Right

Diagnosis: _____

Surgeries (type/date): _____

Is the patient currently using any assistive device?

☐ Brace/KAFO ☐ Crutch ☐ Wheel chair
☐ Cane ☐ Walker

☐ Suspension Type: _____

☐ Socket Type: _____

Casting Info

Casted position:

☐ Seated ☐ Standing with
☐ Standing Dynamic Alignment
☐ Supine ☐ Static Bench Alignment

Weight Bearing Amount

☐ Full weight ☐ Partial weight ☐ No weight

It is imperative to compare angular and motion differences when evaluating the patient's static (non weight bearing) and dynamic (standing-walking) alignments.

Casted Over:

☐ Over Test Socket ☐ Over Definitive Socket

Model

☐ Anterior Thigh ☐ Posterior Thigh
☐ Anterior Tibia ☐ Posterior Tibia

Thigh Shell Length ☐ 7" ☐ 8" ☐ 9" ☐ Other _____"

Tibia Shell Length ☐ 6" ☐ 7" ☐ Other _____"

☐ Anti-Migration Silicon Infused Strap Pads*

Tibia Straps

☐ No Straps ☐ One Strap ☐ Two Straps

Set Hinge Position (Must be completed)

- ☐ 0° ☐ 5° ☐ 10° ☐ 15°
☐ Other ____°

Knee Hinge Options**Locking Joints****Townsend Hinge TD003**

- ☐ 5 Bar Locking Joint ☐ Single Pivot Locking

Lock Release Option

- ☐ Manual Trigger
☐ Cable w/Twist release on anterior side
☐ Cable w/Twist release on lateral side
(if posterior configuration - has to be lateral)

Locking Motion

- ☐ Free Motion ☐ No Free Motion
(not available with lever)

Becker Hinge TD003-B

- ☐ Modular Ring Lock Model 1402-B
☐ Automatic Angled Levered Lock Model 1017A
☐ Modular Ratchet Lock Model 1018A
☐ Bend Levers As A Bail Rod

Lock Release Option

- ☐ BLISS ☐ Bail Rod

Townsend Free Knee Hinges TD003

- ☐ 5 Bar Free Knee

Townsend Joints Accessory

- ☐ Install Extension Assist Bands/Posts
☐ Extension Stop Kit (*not available for 5 Bar Locking Joint*)
☐ Flexion Stop Kit for TM5+ (*installed by customer*)
☐ Flexion Stop for 5 Bar Free and Locking joint (*factory installed only*)

- ☐ 15° ☐ 30° ☐ 45° ☐ 60° ☐ 75° ☐ 90°

Fabric Inlay

- | | | |
|------------------------------------|-----------------------------------------|------------------------------------------|
| <input type="checkbox"/> Black | <input type="checkbox"/> Royal Blue | <input type="checkbox"/> Sheer Teal* |
| <input type="checkbox"/> Beige | <input type="checkbox"/> Green | <input type="checkbox"/> Sheer Purple* |
| <input type="checkbox"/> Gray | <input type="checkbox"/> Burgundy | <input type="checkbox"/> US Flag Fabric* |
| <input type="checkbox"/> Red | <input type="checkbox"/> Clear Graphite | <input type="checkbox"/> Fabric |
| <input type="checkbox"/> Navy Blue | <input type="checkbox"/> Sheer Red* | 1 yard from patient* |

Special Instructions: _____
