

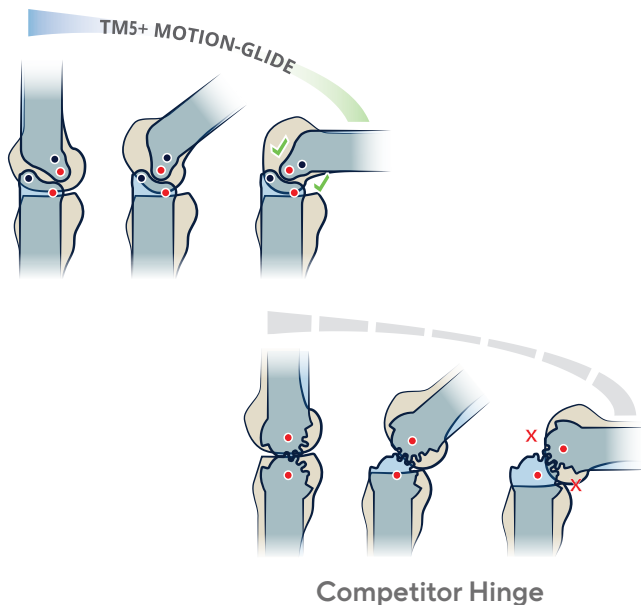
Core Technologies

Townsend Motion Hinge

The foundation for Townsend/Thuasne USA knee bracing, our core technologies give patients the fit, comfort and control they deserve. Every Rebel Series brace features the Townsend Motion Hinge, suspension technology and rotation control.

Townsend Motion Hinge

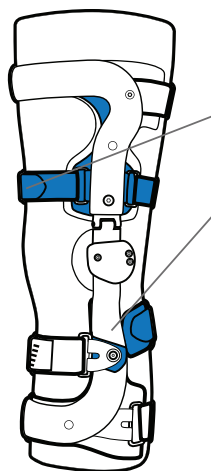
Hinge motion is important: the Townsend Motion Hinge tracks with the anatomical roll-and-glide motion of the knee to keep the brace properly positioned on the leg.



Suspension Technology

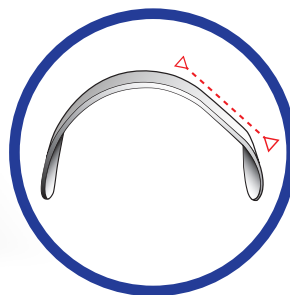
The C/S package is a pairing of semi-rigid sub-shells that compress into the femoral tissue above the bony condyles.

The Synergistic Suspension Strap nestles into the flexion fold behind the knee, and uses the top of the calf muscles as an anatomical shelf.



Rotation Control

Rotation control: the Rebel Reliever™ lower shell is contoured to fit intimately along the flatter medial side and rounded lateral side of the shin bone.



Rebel Pro



THUASNE®

Rebel Series L1845



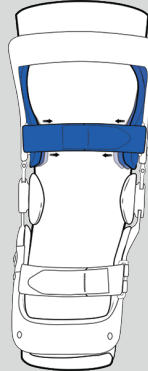
Rebel Series Braces

PDAC APPROVED L1845

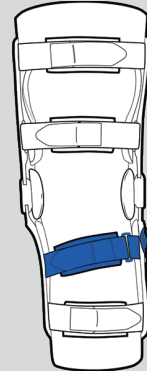
The ultimate solution for recovery and protection, the Rebel Series line of knee braces combines high-grade aluminum with Townsend/Thuasne USA's trusted core technologies. Featuring the patented TM5+ hinge, shell options ranging in strength and size, suspension technology, rotation control and a three-measurement custom fit, the Rebel Series is the perfect choice for a variety of patients and activity levels.



Anti-migration Technology



***Optional C/S Package**
(Compression/Suspension)



**Synergistic
Suspension Strap**

Powdercoat colors



Recommended for: Ligament injuries and/or reconstructive knee surgery.

Features

- Rigid aircraft grade aluminum frame
- Townsend Motion TM5+ Hinges
- Exclusive Synergistic Suspension Strap
- Rotation control tibial shell contour

Options

- Available in three different frames
 - > **Rebel Lite (lowest weight, less rigid) 13" only**
 - > **Rebel (ideal for most patients)**
 - > **Rebel Pro (heavy users and contact sports)**
- Anti-migration strap padding
- ACL or combined instabilities
- 6", 7", or 8" lower; 7" or 8" upper
- Compression/Suspension anti-migration package*
- Flexion stop kit (Extension stop kit included)
- Powdercoat finish in a variety of colors

Ordering Methods

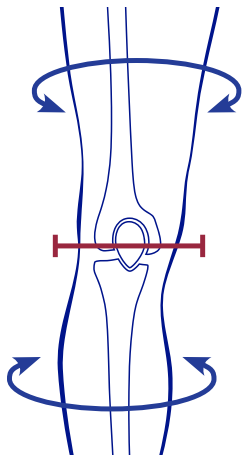
- OTS sizing
- Custom fit from 3 leg measurements
- Custom from a cast or digital leg scan

Size	M-L Knee Width	6" Above Knee	6" Below Knee	Circumference
XS	3 – 3 ½"	12 ½ – 15 ½"	11 – 12 ½"	
SM	3 ½ – 4"	15 ½ – 18 ½"	12 ¼ – 13 ¾"	
MD	4 – 4 ½"	18 ½ – 21"	13 ¼ – 15"	
LG	4 ½ – 5"	21 – 23 ½"	14 ¼ – 15 ¾"	
XL	5 – 5 ½"	23 ½ – 25"	15 – 17"	
2XL	5 ½ – 6"	25 – 28"	17 – 19"	
3XL*	6 – 6 ½"	28 – 31"	19 – 21"	

***Rebel Pro 14" only**

L1845

Custom Fit To Three-Measurement Fabrication Process



Measurements

- Knee M-L Width
- Thigh circumference
6" above knee center
- Calf circumference
6" below knee center

Modification & Documentation

- Shells are hand-bent and squared to match the knee M-L of the patient as well as any other special requests (i.e. relief for prominent fibula head, adapting to disproportionate anatomy etc.)
- Brace is assembled using specifically calibrated tools, ensuring proper fit and function of components.
- Modifications are documented for ease of billing and sent to the provider along with custom-fit brace

Built by Experts

- Average tenure of a technician performing the bending and squaring process is nine years
- Each technician has received specialized training in the fabrication of this orthosis
- Modifications are made under the supervision of a Certified Prosthetist/Orthotist (CPO)



Scan the QR Code to see *Thuasne USA's*
Custom Modification and Billing
Recommendation Guide



Rebel