



THUASNE

Rebel Reliever™
L1845



 **TOWNSEND**
THUASNE USA

Rebel Reliever™

PDAC APPROVED L1845

Clinically proven to reduce pain and instability while improving walking capacity, muscle function and quality of life. The Rebel Reliever's patented LoadShifter mechanism and tool-less SnapLock technology gives patients power over their OA with the ability to increase corrective pressure for greater pain relief when they need it the most.

Matte Color Options



Black



Grey



White



Red



Atlantic Blue

Satin Color Options



Lemon



Orange



Lime



Fuchsia



Pacific Blue

Recommended for: Moderate to severe medial or lateral osteoarthritis / as well as patients who have OA in combination with ligament instability.

Features

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

Ordering Methods

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

Options

- Tibial shell length 6", 7" or 8"
- Compression/Suspension anti-migration package
- Anti-migration strap padding
- PCL strap
- Flexion stop kit (extension stop kit included)
- Powdercoat finish in a variety of colors

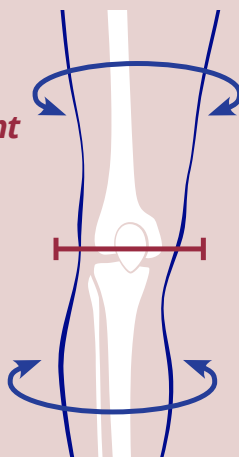
Size	M-L Knee Width	6" Above Knee	6" Below Knee	Circumference
SM	3 ½ – 4"	15 ½ – 18 ½"	12 ¼ – 13 ¾"	
MD	4 – 4 ½"	18 ½ – 21"	13 ¼ – 15"	
LG	4 ½ – 5"	21 – 23 ½"	14 ¼ – 15 ¾"	
XL	5 – 5 ½"	23 ½ – 25"	15 – 17"	
2XL	5 ½ – 6"	25 – 28"	17 – 19"	

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



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

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

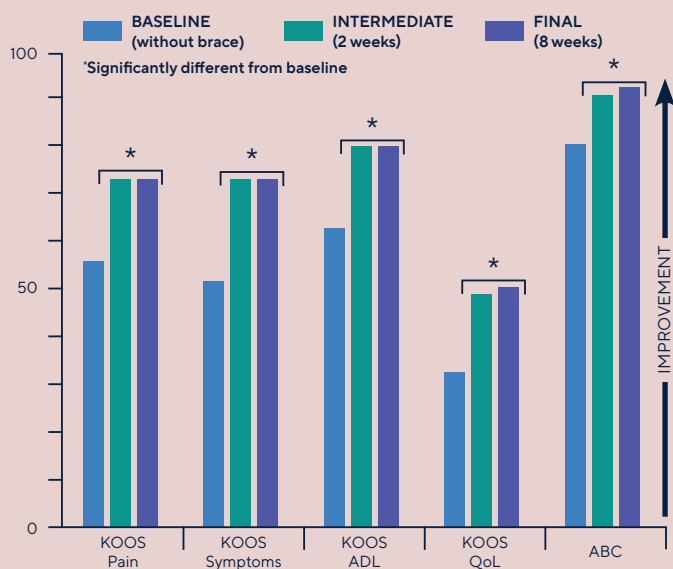
Built by Experts

- 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)

Clinically Proven to Reduce Pain & Improve Quality of Life

Studies show Rebel Reliever reduces pain and symptoms of OA, improves balance and muscle function, and provides immediate, positive impacts to quality of life for patients.

Stony Brook University Study

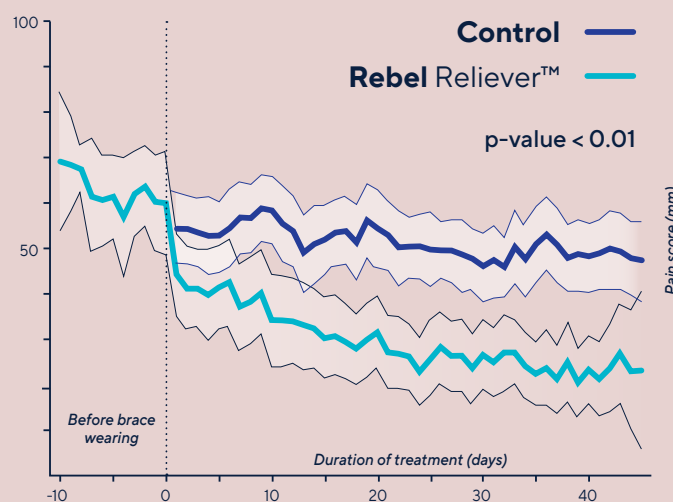


Studies demonstrate a reduction of pain and symptoms of OA, improved balance confidence and average daily living participation, and an overall improvement in quality of life.



Scan the QR code
to see the full study

ROTOR Randomize Clinical Trial



The Rebel Reliever™ knee brace
significantly reduces pain immediately
and for a sustainable time



Scan the QR code
to see the full study

Or visit Thuasneusa.com for more!

Core Technologies

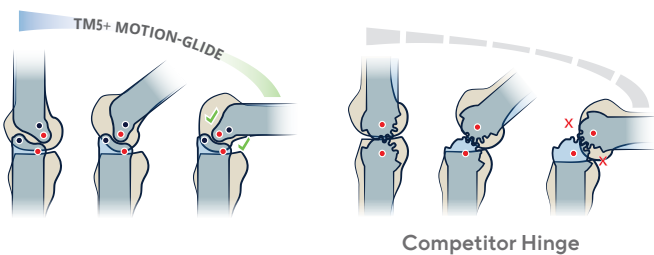
Proven off-loading capacity

Rebel Reliever™ off-loading capacity relies on three factors:

- A simple yet extremely efficient off-loading mechanism that is adjustable to the patient's needs.
- A combination of anti-migration and anti-rotation technologies to provide reliable off-loading, all-day-long.
- Three-measurement fabrication ensures three-point system effectiveness.

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.



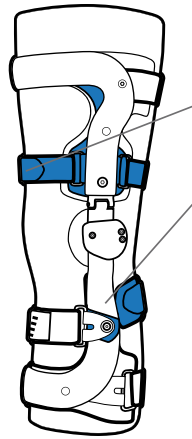
Adjustable Correction for OA Braces: LoadShifter

The patented LoadShifter mechanism and tool-less SnapLock are innovative features incorporated into the femoral section of Townsend's Rebel Reliever™, Premier Reliever and Reliever Air rigid OA knee braces. By releasing the SnapLock, the fitter can utilize the LoadShifter to adjust the angle of the thigh shell. Increasing corrective pressure at the top of the leg amplifies the three-point counterforce at the knee and distal end of the brace – improving leg alignment and reducing compressive load on the damaged side of the knee.

Suspension Technology

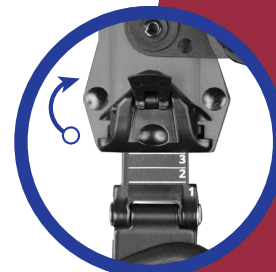
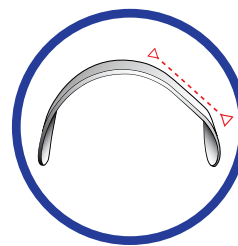
The C/S package is a pairing of semi-rigid sub-shells that compress into the femoral tissue above the bony condyles.

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

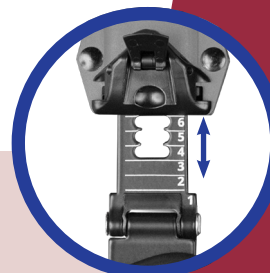


Rotation Control

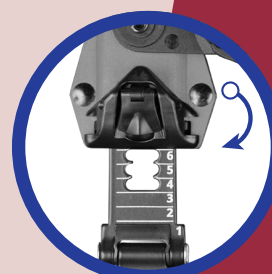
Rotation control: the Rebel Reliever™ lower shell is contoured to fit intimately along the flatter medial side and rounded lateral side of the shin bone.



Lift



Slide



Lock



THUASNE

Rebel Series L1845



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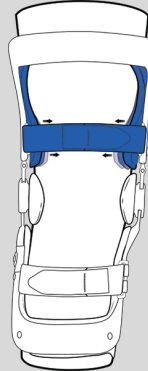
Rebel Series Braces

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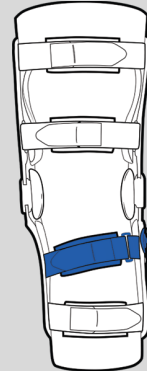
The ultimate solution for recovery and protection, the Rebel Series line of knee braces combines high-grade aluminum with Townsend/Thuasne USA's trusted core technologies. Featuring the patented TM5+ hinge, shell options ranging in strength and size, suspension technology, rotation control and a three-measurement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

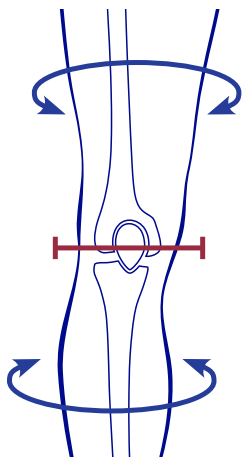
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3XL*	6 – 6 ½"	28 – 31"	19 – 21"	

***Rebel Pro 14" only**

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Rebel

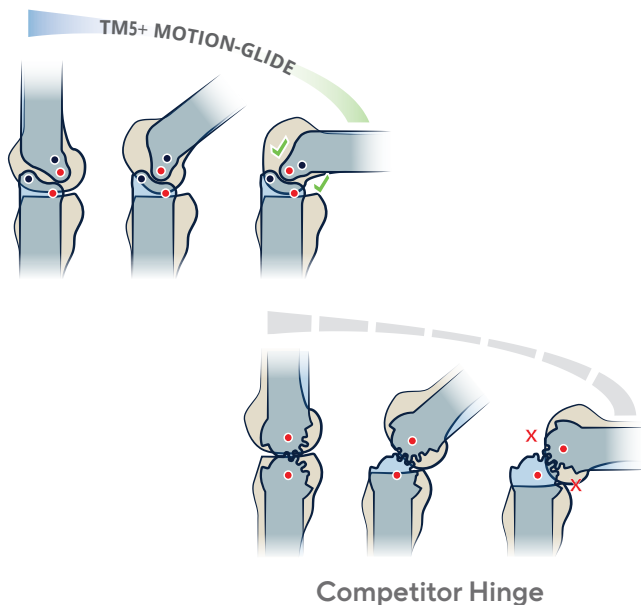
Core Technologies

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

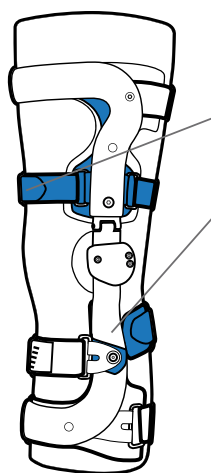
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Suspension Technology

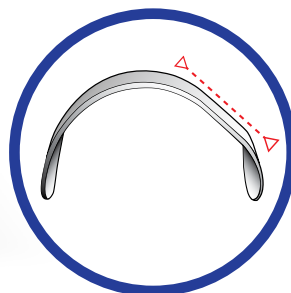
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Rotation Control

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Rebel Pro