

REBOUND® ACL

The Rebound ACL brace is an evolution in bracing, designed to comfortably apply an anatomically correct, dynamic load to the anterior cruciate ligament (ACL). As an element in either conservative or surgical management, the Rebound ACL brace complements clinical protocols and is conducive to an ideal biomechanical joint environment as a foundation for long-term successful patient outcomes. The innovative technology in the Rebound® Dynamic Tension System (DTS) offers individualised adjustment options to reduce strain on the healing ACL.

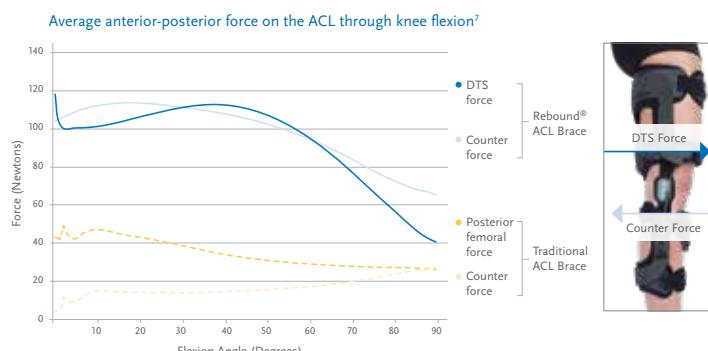


FUNCTIONAL HEALING – WHERE MOBILITY MEANS RECOVERY

INDICATIONS FOR USE

Conditions benefiting from an agonistic force that varies throughout flexion in proportion to ACL tension applied to the thigh and calf in the sagittal plane. These may include:

- Anterior cruciate ligament (ACL) injury
- Reconstruction
- Non-surgical treatment



FEATURES AND BENEFITS

- Dynamic technology for knee stability, with a Dynamic Tension System™ that applies an agonistic, dynamic force to the ACL that is flexion-angle dependent (LaPrade et al., 2017) and designed to reduce ACL deficiency (positive anterior-drawer test), promoting knee stability.
- Specific load adaptation according to the patient's individual anatomy and rehabilitation requirements. Clinical and biomechanical studies indicate that the Rebound ACL brace reduces strain on the ACL during activity and significantly reduces strain on the meniscus in ACL-deficient knees (Tomescu et al., 2017). Biocompatible, hi-tech materials, including Blue is You™ patient touchpoints and ActiveGrip™ liners, promote suspension and comfort.
- Lightweight, aircraft-grade aluminium frame
- Available in sizes S-XL
- Flexion & extension range-of-motion lock-outs.
- Posterior frame optimised for fit and support, with open anterior for ease of donning/doffing Clinically-tested comfort, validated by wearers and with load mapping data collected during rehabilitation activities, the Rebound® Dynamic Tension System (DTS) provides a comfortable load to the posterior thigh and anterior tibia.

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REQUIRED MEASUREMENTS



Measure knee caliper medio-laterally at joint width in standing, weight-bearing position.



Measure calf circumference 15 cm below mid-patella. Leg in extension.



Measure thigh circumference 15 cm above mid-patella. Leg in extension.

ORDERING INFORMATION

STANDARD

Size	Left	Right	Caliper	Calf circumference 15 cm below mid patella	Thigh circumference 15 cm above mid patella
SM	B-124601191	B-124501191	8.9 - 10.2cm	29.2 - 34.3cm	41.9 - 47.0cm
MD	B-124601192	B-124501192	10.2 - 11.4cm	34.3 - 39.4cm	47.0 - 52.1cm
LG	B-124601193	B-124501193	11.4 - 12.7cm	39.4 - 44.5cm	52.1 - 57.2cm
XL	B-124601194	B-124501194	12.7 - 14.0cm	44.5 - 49.5cm	57.2 - 62.2cm

Recommended for patients 1.56m and taller

REPLACEMENT PARTS

Description	Part#
Extension stop kit (0°, 5°, 10°, 20°, 30°, 40°)	B-124702035
Flexion stop kit (0°, 15°, 25°, 35°, 45°, 55°, 65°, 75°, 90°, 105°)	B-124702034
Shear Knob Kit	B-705130051
SM/MD Strap Kit	B-124702030
LG/XL Strap Kit	B-124702031
Condyle Pad Kit	B-701090009
Tibial Pad	B-124702032
Tibial Hex Pad	B-124702033

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ACCESSORIES

ANTI-MIGRATION WRAP

SIZE	RIGHT	LEFT
S/M	B-124501195	B-124601195
S/M HEX	B-124501196	B-124601196
L/XL	B-124501197	B-124601197
L/XL HEX	B-124501198	B-124601198

UPPER DOESKIN LINER KIT

SIZE	RIGHT	LEFT
S	B-124702004	B-124702000
M	B-124702005	B-124702001
L	B-124702006	B-124702002
XL	B-124702007	B-124702003

LOWER ACTIVEGRIP LINER KIT

SIZE	RIGHT	LEFT
S	B-124702014	B-124702010
M	B-124702015	B-124702011
L	B-124702016	B-124702012
XL	B-124702017	B-124702013

LOWER DOESKIN LINER KIT

SIZE	RIGHT	LEFT
S	B-124702024	B-124702020
M	B-124702025	B-124702021
L	B-124702026	B-124702022
XL	B-124702027	B-124702023

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ORDERING INFORMATION FOR REBOUND ACL CUSTOM

REBOUND ACL CUSTOM

Part#	Type	Min / Max Caliper	Min / Max Circ. above	Min / Max Circ. below	Measuring
B-124701000	Right	8.9 - 14cm	41.9 - 62.2cm	29.2 - 49.5cm	SmartMeasure, Cast
B-124701001	Left				

Caliper = M/L width at knee center
Circumference = 15cm above / below mid-patella
Ideal for patients 1.56m and taller

SMARTMEASURE®

A digital measuring system for custom knee braces on the iPhone or iPad. The most intuitive, efficient and accurate way to measure for any Össur custom knee brace. Utilises a section-based, step-by-step approach to guide you through the entire brace selection, measuring and order process.



Description	Part#
Constant Force Caliper	B-312000000

Scans, CMS (CTI only), CCS and casting also accepted. Knee M/L required.

REQUIRED MEASUREMENTS

- Custom made to measure (Smartmeasure, 3D-Scan or patient cast)