

Product Data Sheet

Description

The Becker GEO is a prefabricated, carbon composite evaluation orthosis used to assess the benefit of an AFO on ankle and knee stability. Based on the Triple Action ankle joint, the GEO can also help determine the appropriate booster spring configuration for definitive Triple Action AFOs. Additionally, the GEO may be used as a therapeutic aid for patient rehabilitation and mobilization.

The Becker GEO is designed to be used with Becker's evidence-based Systematic Tuning Procedure for Triple Action Ankle Joints, which allows clinicians to quickly and easily tune the orthosis to determine the unique supportive needs of the patient. Ankle alignment, plantarflexion / dorsiflexion spring stiffness and range of motion are all independently adjustable to help simplify tuning.

The Becker GEO comes fully assembled and includes adjustment tool kit, heel lifts, product manual, tuning procedure and carrying case.

Features

- Triple Action ankle joints allow independent adjustment of:
 - Ankle alignment
 - Plantarflexion/dorsiflexion range of motion
 - Plantarflexion/dorsiflexion spring stiffness
- (4) high stiffness spring options included

Indications

- Large GEO: Patients under 90kg (200 lb.) with size 41 EU (9 US) men's shoe or larger*
- Small GEO: Patients under 90 kg (200 lb.) with size 36 EU (7 US) women's shoe or larger*
- Lower limb functional deficits as a result of:

- Stroke
- Cerebral palsy
- Multiple sclerosis
- Spina bifida
- Spinal cord injury
- Charcot-Marie-Tooth
- Other neuromotor deficits

*GEO footplates are trimmable to accommodate smaller shoe sizes

Model 3B00-GEO Becker GEO™

Order No.	Description	UOM
3B00-GEO-LL	GEO-Large, Left	Each
3B00-GEO-LP	GEO-Large, Pair	Pair
3B00-GEO-LR	GEO-Large, Right	Each
3B00-GEO-SL	GEO-Small, Left	Each
3B00-GEO-SP	GEO-Small, Pair	Pair
3B00-GEO-SR	GEO-Small, Right	Each
3B00-GEO-PADS	GEO-(2) Piece Pad Set	Set



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Tuning Procedure

The Becker GEO is designed to be used with Becker's evidence-based **Systematic Tuning Procedure for Triple Action Ankle Joints**.

To view, please scan the QR Code ►

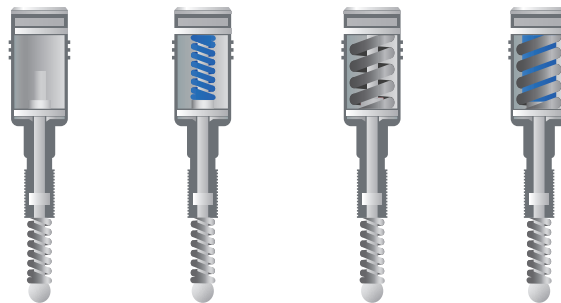


Spring Options



*The Booster Spring Unit cannot be removed from the Triple Action component housing. Doing so will destroy the Booster and void the product warranty.

*Internal bottom spring under boosters is covered with a lifetime warranty for defects in materials and workmanship.



Spring Configuration	1	2	3	4
Top Spring	None	Standard	High	High & Standard
Stiffness	X1 (low)	X2 (moderate)	X4 (high)	X5 (very high)
Max. ROM	10°	10°	10°	10°

