

TRIPLE ACTION®

Pediatric Ankle Joint

(13mm Systems)

Product Data Sheet

(EU / UK / CN / RU)

Model 3C76

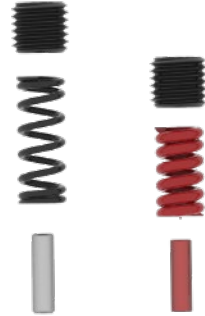
Adult Triple Action® 2.0 ankle joint



Order No.	Description	
3C76-LAT	Pediatric Triple Action Ankle Joint with Lateral Stirrup Option	Each
3C76-MEDL	Pediatric Triple Action Ankle Joint with Left Medial Stirrup Option	Each
3C76-MEDR	Pediatric Triple Action Ankle Joint with Right Medial Stirrup Option	Each

Accessories & Options

Included Springs & Pins



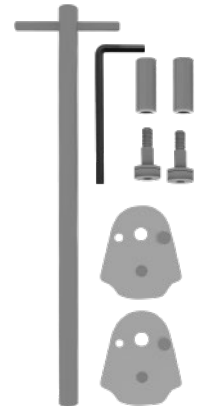
Spring Configuration	1	2
Spring	Standard (black)	High (red)
Stiffness	(low)	(mod)
Max. ROM	15°	8°

Stirrup Options



Fabrication Tool Kit Models 3C00-FTK

Order No.	Description	UOM
3C00-FTK	Fabrication Tool Kit - Includes Fabrication Dummy, Alignment Axis, Alignment Bushing, M6 Shoulder Screw and Fabrication Wrench (4mm).	Kit





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Description

The Pediatric Triple Action ankle joint for 13mm systems is designed to provide highly adjustable active ankle control of the lower extremity during all phases of the gait cycle. The component excels in the orthotic treatment of complex disorders such as cerebral palsy, spina bifida and other pathologic neuromusculoskeletal conditions.

Ankle alignment, plantarflexion / dorsiflexion spring stiffness and range of motion are independently adjustable to help simplify optimization. The clinician can easily tune the component to meet the changing needs of their patient through all stages of treatment.

The Triple Action ankle joint provides standard and high stiffness spring options and enhanced spring durability. Ankle alignment is read directly from the component body to simplify adjustment and track patient progress.

Features

- Independent adjustment of:
 - Ankle alignment
 - Plantarflexion / dorsiflexion range of motion
 - Plantarflexion / dorsiflexion spring stiffness

- Five spring stiffness options (with optional Staged Resist Adapter)

Indications

- Lower limb functional and structural deficits as a result of:
 - Cerebral Palsy
 - Spina Bifida
 - Traumatic Brain Injury
 - Incomplete Spinal Cord Injury
- Crouch Gait
- Plantarflexion Contracture
- Quadriceps Weakness
- Spasticity

Contraindications

- Patient weight greater than 50 kg (110 lb)
- Single upright orthoses (without a companion joint)

Specifications

Component Setting	Adjustment Range	Reference
Ankle Alignment	± 10°	0° alignment corresponds to the corrected angle of the cast during fabrication
Plantarflexion / Dorsiflexion Range of Motion	<ul style="list-style-type: none"> • 0-15° ROM adjustment range for spring configuration 1 • 0-8° ROM adjustment range for spring configurations 2 • 5° per turn of the adjustment screw 	With the adjustment screw turned fully clockwise, the 0° ROM setting locks the stirrup
Plantarflexion / Dorsiflexion Spring Stiffness (Model 3C76)	2 spring stiffness options (No. 1 & 2)	Spring stiffness depends on spring configuration

Dimensions (3C76)



p 800-521-2192 | 248-588-7480
f 800-923-2537 | 248-588-2960
BeckerOrthopedic.com

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