



TRIPLE ACTION[®]

Pediatric Ankle Joint

(13mm Systems)

Product Data Sheet

Features

- Independent adjustment of:
 - Ankle alignment
 - Plantarflexion/dorsiflexion range of motion
 - Plantarflexion/dorsiflexion spring stiffness
- Independent ankle alignment range of $\pm 10^\circ$
- (4) high stiffness spring options included with booster spring models (Figure 1)
- Compatible with unilateral or bilateral orthotic designs


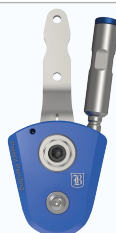
Indications

- Lower limb functional deficits as a result of:
 - Stroke
 - Cerebral palsy
 - Spina bifida
 - Spinal cord injury
 - Charcot-Marie-Tooth
 - Other neuromotor deficits

Contraindications

- Patient weight greater than 50 kg (110 lb)

Model 3C76 Component Selection

WEIGHT LIMITS (KG/LBS)	Unilateral	40 kg / 90 lb									
	Bilateral	50 kg / 110 lb									
GAIT PHASE WHERE ABNORMALITIES OCCUR	Booster Configuration										
		No Booster	Plantarflexion Resist Booster				Dorsiflexion Resist Booster				Plantarflexion & Dorsiflexion Resist Boosters
	Early Stance Phase	NORMAL	ABNORMAL				NORMAL				ABNORMAL
	Late Stance Phase		NORMAL				ABNORMAL				
	Leg	Either	Right	Left	Left	Right	Right	Left	Left	Right	Either
	Side		Lateral	Medial	Lateral	Medial	Lateral	Medial	Lateral	Medial	
Order No.	3C76-A0*	3C76-A1*		3C76-A2*		3C76-A2*		3C76-A1*		3C76-A3	

*Only available direct from Becker Orthopedic in some countries

Fabrication Options

Thermoplastic	
	Unilateral* 4mm (5/32") Polypropylene
	Bilateral 4mm (5/32") Polypropylene

*Important: Unilateral AFOs require medium size Tamarack Flexure Joint[®], or other free motion ankle joint.

Product Data Sheet

Stirrup Options



Lateral Stirrup
 Model 3C76-LAT-1



Medial Stirrup
 Models 3C76-MEDR-1 &
 3C76-MEDL-1

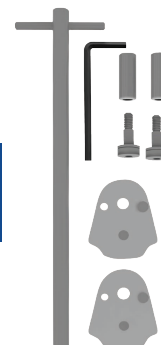


Universal Y-Long Stirrup
 Model 3C76-YLNG-1



Universal Rivet Stirrup
 Model 3C76-R-1

Accessories



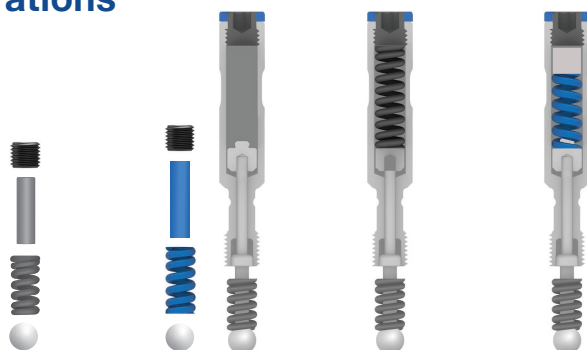
Fabrication Tool Kit
 Model 3C00-FTK

Fabrication Tool Kit - Includes
 Fabrication Dummy, Alignment Axis,
 Alignment Bushing, M6 Shoulder
 Screw and Fabrication Wrench (4mm).



**Tamarack Flexure
 Joint® Medium**
 Model 740-M

Spring Configurations



SPRING CONFIGURATION	1	2	3	4
Booster Required	No	No	Yes	Yes
Bottom Spring	Standard	High	High	High
Top Spring	None	None	Long ROM	High
Stiffness	X0.2 (low)	X1 (low)	X1.5 (moderate)	X2 (high)
Max. ROM	15°	10°	18°	10°

*Figure 1



*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 booster is covered with a lifetime warranty for defects in materials and workmanship.

