



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

Model 3C76 Component Selection

WEIGHT LIMITS (KG/LBS)	Unilateral	40 kg									
	Bilateral	50 kg									
GAIT PHASE WHERE ABNORMALITIES OCCUR	Booster Configuration	 No Booster	 Plantarflexion Resist Booster		 Dorsiflexion Resist Booster		 Plantarflexion & Dorsiflexion Resist Boosters				
		NORMAL	ABNORMAL		NORMAL		ABNORMAL				
	Early Stance Phase										
	Late Stance Phase				ABNORMAL						
Leg	Either	Right	Left	Left	Right	Right	Left	Left	Right	Either	
Side		Lateral	Medial	Lateral	Medial	Lateral	Medial	Lateral	Medial		
Order No.	62707 (3C76-A0*)	62670 (3C76-A1*)	62671 (3C76-A2*)	62671 (3C76-A2*)	62670 (3C76-A1*)	62670 (3C76-A1*)	62672 (3C76-A3)				

*Only available direct from Becker Orthopedic in some countries

Fabrication Options

Thermoplastic



Unilateral*
4mm Polypropylene



Bilateral
4mm Polypropylene

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

Product Data Sheet

Stirrup Options



Lateral Stirrup
 62673
 Model 3C76-LAT-I



Medial Stirrup
 62674-2/62674-1
 Models 3C76-MEDR-I
 & 3C76-MEDL-I

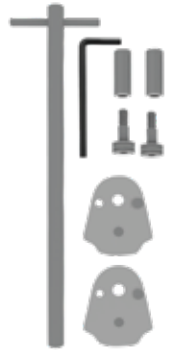


Universal Y-Long Stirrup
 62675
 Model 3C76-YLNG-I



Universal Rivet Stirrup
 62676
 Model 3C76-R-I

Accessories



Fabrication Tool Kit
 62709
 Model 3C00-FTK

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

Tamarack Flexure Joint[®] Medium
 62740 0012
 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.