



# TRIPLE ACTION<sup>®</sup>

## 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			
		NORMAL		ABNORMAL		NORMAL		ABNORMAL			
	Early Stance Phase	NORMAL		ABNORMAL		NORMAL		ABNORMAL			
	Late Stance Phase	NORMAL		NORMAL		ABNORMAL		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<sup>®</sup>, or other free motion ankle joint.

**Product Data Sheet**

**Stirrup Options**



**Lateral Stirrup**  
 Model 3A76-LAT-1



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



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

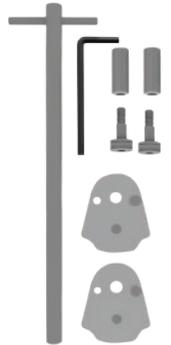


**Universal Rivet Stirrup**  
 Model 3C76-R-1

**Accessories**

**Fabrication Tool Kit**  
 Model 3C00-FTK

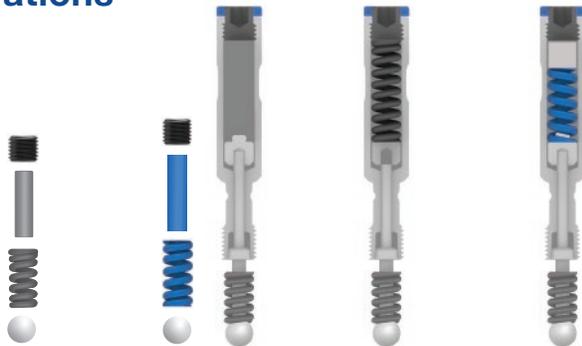
Fabrication Tool Kit - Includes  
 Fabrication Dummy, Alignment Axis,  
 Alignment Bushing, M6 Shoulder  
 Screw and Fabrication Wrench (4mm).



**Tamarack Flexure  
 Joint<sup>®</sup> Medium**  
 Model 740-M



**Spring Configurations**



SPRING CONFIGURATION	1	2	3	4
<b>Booster Required</b>	No	No	Yes	Yes
<b>Bottom Spring</b>	Standard	High	High	High
<b>Top Spring</b>	None	None	Long ROM	High
<b>Stiffness</b>	X0.2 (low)	X1 (low)	X1.5 (moderate)	X2 (high)
<b>Max. ROM</b>	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.

