

# Modular Orthotic Components

## Model 1402-B Modular Ring Lock Knee Joint



Like our traditional Modified Ring Lock Knee Joint, model 1402-B does not protrude in the flexed position. Its innovative design minimizes size and weight without compromising strength or durability. Universal coronal and sagittal contours reduce the overall profile of the joint to enhance the cosmesis of your orthotic design, while redesigned ring locks improve grip for patients and increase rigidity to resist stretching over time. Model 1402 also features optional, built-in, ball catches and is capable of accepting both 3/16" and 1/4" thick uprights.

Order No.	Size	Description
1402-B-P	B	Midsection Only - Pair
1402-B4-US	B	1/4" x 5/8" Aluminum Upright Set Only
1402-B6-US	B	3/16" x 5/8" Aluminum Upright Set Only
1402-B6S-US	B	3/16" x 5/8" Stainless Steel Upright Set Only

## Model 1017 Modular Lever Lock Knee Joint



Model 1017 is a modular lever lock knee joint that features an automatic locking system that engages when the joint reaches full extension. The modular design increases manufacturing options and allows for easier maintenance of the orthosis. The long angled lever is easily operated by the patient and can be shortened or contoured to suit individual needs. Model 1017 comes with an optional anterior pull-cable that allows the patient to simultaneously disengage both locks by pulling on the cable.

Order No.	Upright Dimensions	Upright Material
1017-A	3/16" x 3/4"	Aluminum/Stainless Steel/Titanium
1017-B	3/16" x 5/8"	Aluminum/Stainless Steel

## Model 1017-A38 Modular Heavy Duty Lever Lock Knee Joint



Model 1017-A38 is intended for patients who weigh up to 320 lbs. (145 kg) or those individuals with a severe biomechanical deficit. Equipped with 3/8" x 3/4" (9.5mm x 19.1mm) aluminum uprights, the 1017-A38 is modular in design and may be used in either a unilateral or double upright configuration. The 1017-A38 can also be fabricated into a variety of orthotic designs including conventional metal and leather, thermoplastics and composites.

Order No.	Upright Dimensions	Upright Material
1017-A38	3/8" x 3/4"	Aluminum

## Model 1018 Modular Ratchet Lock Knee Joint



The Modular Ratchet Lock, Model 1018, is designed to promote full knee extension by providing knee stability to the patient through an incremental range of knee flexion. The joint features a long, angled, locking lever that is easily operated by the patient. The lever may also be shortened, or configured into a standard bail.

\*Weight Limit 175 lbs. Special consideration should always be given to knee joint selection when dealing with a knee flexion contracture.

Order No.	Upright Dimensions	Upright Material
1018-A	3/16" x 3/4"	Aluminum/Stainless Steel/Titanium



### Model 2825-A38 Modular Heavy Duty Double Action Ankle Joint

Model 2825-A38 is a heavy duty double action ankle joint designed specifically for use with the 1017-A38 knee joint. The joint features a recessed pocket to accommodate the 3/8" thick aluminum uprights that come with the 1017-A38 knee joint.

Order No.	Size	Material
2825-A38	A	Stainless Steel



### Model SLM/ASLM-2825 Modular Double Action Ankle Joint

Our new modular double action ankle joints are available in both stainless steel and aluminum with your choice of a 3/4" recess (size A), or a 5/8" recess (size B) to accommodate our A & B size modular knee joint uprights. In addition, the recess is now square in shape to allow for easier upright attachment.

Order No.	Size	Material
SLM-2825-A	A	Stainless Steel
SLM-2825-B	B	Stainless Steel
ASLM-2825-A	A	Aluminum
ASLM-2825-B	B	Aluminum



### Model M3025 Modular Standard Action Ankle Joint

Our new modular standard action ankle joints are available in stainless steel with your choice of a 3/4" recess (size A), or a 5/8" recess (size B) to accommodate our A & B size modular knee joint uprights. In addition, the recess is now square in shape to allow for easier upright attachment.

Order No.	Size	Material
M3025-A	A	Stainless Steel
M3025-B	B	Stainless Steel



### Model 725 Compact Double Action Ankle Joint

Model 725 comes optimized with pins in the anterior channels and springs in the posterior channels to afford normal gait after initial contact, as well as provide maximum control and stability of the knee and hip. The Compact Double Action Ankle Joint is designed specifically for use with thermoplastics and is intended for both small adult and pediatric patients. Extra springs, pins and an alignment tool are included.

Order No.	Size	Material
725-M	Medium	Stainless Steel
A725-M	Medium	Stainless Steel



### Model 726 Modular Compact Double Action Ankle Joint

Model 726 is a modular version of model 725 with a larger recess to accommodate 3/16" x 1/2" uprights (not included). The upright attachment holes have been threaded to allow you to attach your uprights with screws. Extra springs, pins and an alignment tool are included.

Order No.	Size	Material
726-M	Medium	Stainless Steel
A726-M	Medium	Aluminum