

Q Why use MILINE?

A MILINE orthotic ankle joints are premium orthotic components that Perform!

Q What makes MILINE perform so well?

A MILINE orthotic ankle joints use bespoke springs that were developed by Becker Orthopedic for Triple Action. These springs are many times stronger than traditional ankle joint springs to actively manage the gait rockers and last many times longer than traditional ankle joint springs. In addition, MILINE orthotic ankle joints were designed for both unilateral and bilateral orthotic designs and cover a broad range of sizes to accommodate virtually any size patient using any fabrication technique.

Q How do you select the appropriate size MILINE component?

A MILINE orthotic ankle joints are selected by patient weight using the weight chart. MILINE 16mm stirrups are available in both standard duty and heavy duty. Which stirrup is selected depends upon the alignment of the limb and foot progression angle. Use heavy duty 16mm MILINE stirrups for patients with profound coronal plane postural abnormalities, or for those with excessive internal or external foot progression angle.



Model MI-216-A1U shown

Q How do you decide whether a MILINE standard action, dorsiflexion assist or double action are most appropriate for your patient? And when do you use Triple Action?

A Ankle joint functional type depends upon where your patient's gait deviations occur. For patients with isolated swing phase gait abnormalities, dorsiflexion assist may be most suitable. For patients with only swing phase and early stance phase gait abnormalities, double action with anterior motion limiter may be most suitable. If your patient presents with gait deviations in both early and late stance phase, Triple Action may be indicated.

Q Why aren't MILINE double action ankle joints offered with double boosters?

A Becker orthopedic was the first orthotic component manufacturer to offer a methodology for the tuning of metal ankle joint AFOs in the clinical setting. The Systematic Tuning Procedure for Triple Action offers a simple guideline for component adjustments to reduce gait deviations in the clinical setting. For patients with isolated early, or late stance phase gait deviations, MILINE double action ankle joints may be a good orthotic design solution. MILINE double action with a posterior, or anterior booster is configured with a motion limiter pin opposing the booster and is signable using the Systematic Tuning Procedure for MILINE Double Action Ankle Joints.