

Dirt- and Water-Resistant Carbon System Knee Joints





GARDENING

WORK



SPORTS



OUTDOORS



NEURO CLASSIC Carbon and NEURO LOCK Carbon System Knee Joint
For Everyday Life. Water-resistant. Ultralight. Unilateral Use.



system anchor
straight

locking pawl
with fixing pawl

seawater-resistant
stainless steel screwing

system anchor
calf curved

extremely robust,
ultralight carbon fibre
reinforced joint's upper
and lower part



Optimum Adjustment to Every Need



NEURO CLASSIC Carbon



NEURO LOCK Carbon

Features

With the new water-resistant system knee joints by FIOR & GENTZ it is now possible for the first time to produce a completely water-resistant KAFO. This gives patients even more flexibility and freedom in their everyday life.

For an optimum adjustment to the patient's needs, the ultralight and water-resistant system knee joints are available in two versions: the free moving NEURO CLASSIC Carbon and the locked NEURO CLASSIC Carbon



14mm



16mm



20mm

NEURO LOCK Carbon

The water-resistant NEURO LOCK Carbon system knee joint has a locking pawl that locks the joint permanently. The locking pawl can be handled by means of the lever extension or a pulling cable. Thanks to the fixing pawl, the system joint can be permanently unlocked whereby it becomes a free moving joint with integrated posterior offset. Patients can use this function, for instance, when riding a bicycle.

The NEURO LOCK Carbon is available in the system widths 14mm, 16mm and 20mm.



14mm



16mm



20mm

NEURO CLASSIC Carbon

The NEURO CLASSIC Carbon system knee joint is a water-resistant free moving joint with integrated posterior offset. It can be used as a supporting joint for the NEURO LOCK Carbon.

The NEURO CLASSIC Carbon is available in the system widths 14mm, 16mm and 20mm.

Functions of the NEURO LOCK H2O System Knee Joint



Locking/Unlocking

The system knee joint is permanently locked by the locking pawl. It can be unlocked for flexing the leg. The unlocking is done via a lever extension (lock lever) or a pulling cable. The orthotist can either mount the lever extension included in the scope of delivery or use a pulling cable which is available as an accessory part.

Special feature: The NEURO LOCK Carbon system knee joint can also be used as a main joint with complete load capacity in a unilateral construction orthosis.



Permanent Unlocking

The system knee joint can be permanently unlocked using the fixing pawl. This function is recommended, for example, when cycling or doing exercises during physiotherapy.



Precisely Adjustable Extension Stop

If play occurs due to wear, the position of the locking pawl can be infinitely adjusted by means of a precisely adjustable extension stop. Exchanging the locking pawl is therefore not necessary.

The Ideal KAFO Solution for Use in Wet Areas: NEURO LOCK Carbon System Knee Joint and NEURO SWING Carbon System Ankle Joint



NEURO LOCK Carbon
system knee joint
or
NEURO CLASSIC Carbon
system knee joint



NEURO SWING Carbon
system ankle joint

The NEURO SWING Carbon system ankle joint with its ultralight carbon fibre-reinforced joint case and its water-resistant spring units is perfectly suited for the production of a water-resistant orthosis.

You would like to produce a dirt- and water-resistant orthosis for your patient?

Use the Orthosis Configurator to independently select the necessary components for a dirt- and water-resistant orthosis. The Orthosis Configurator determines the appropriate system components using patient data and taking the load capacity into account.



www.orthosis-configurator.com

FIOR & GENTZ

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