MOMENTUM
HEALTH TECHNOLOGIES

Products & Services Catalogue 2023

Published June 2023

MHT CATALOGUES

MOMENTUM HEALTH TECHNOLOGIES

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CAD/CAM

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- O&P Carving Solutions

Orthotic Components

- Artikon Joint System – Knee
- Artikon Joint System – Ankle
- Artikon Joint System – Assort
- Streify Prefabricated Orthoses
- Albrecht Controlled Dynamic Stretch (CDS®) Hinges
- Albrecht Off-The-Shelf CDS® Orthoses

Prosthetic Components

- GO. Series Prosthetic Feet
- KINEGEN Prosthetic Knees
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- Waterproof Knees & Feet
- Waterproof Components
- 225kg Heavy Duty Components
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- Pin-Lock Suspension
- Locking System Adapters
- Vacuum Suspension

Prosthetic Liners

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- SkinCare Silicone Liners
- Gel Liners
- Liner Selection Guide
- DAW Stump Sheaths
- Application Aids
- Knee Sleeves

CENTRAL FABRICATION

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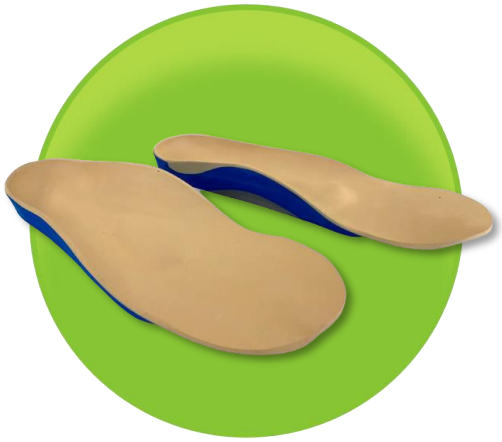
Lower Body Orthotics

Shoe Modifications

UCBL



Foot Orthoses

Partial Foot FO

MHT

Supra-Malleolar Orthosis (SMO)

Solid AFO

Foam Encapsulated AFO (FEAFO)

Streifyflex Encapsulated AFO

Need certain components not available on our order forms? MHT can order in other parts required for your prescription at cost, or you can ship them directly to us to use in your device.

Ask Momentum about Orthotic Central Fabrication today!

Ph: 02 6210 0066 E: info@momentumht.com.au momentumht.com.au

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Lower Body Orthotics

Leaf Spring AFO

Jointed AFO

Elastic Jointed AFO

Ground-Reaction AFO

MHT

AFO with Integrated SMO/FO

Dynamic Contracture Management AFO

Prosthosis

Bed-Resting AFO

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Lower Body Orthotics

PDE AFO

IN-Pulse AFO

T-Pulse AFO

CROW

MHT

Custom Specialty AFO (e.g. cycling)

Thermoplastic KAFO

Pre-Preg Carbon KAFO

C-Brace® KAFO
fully certified

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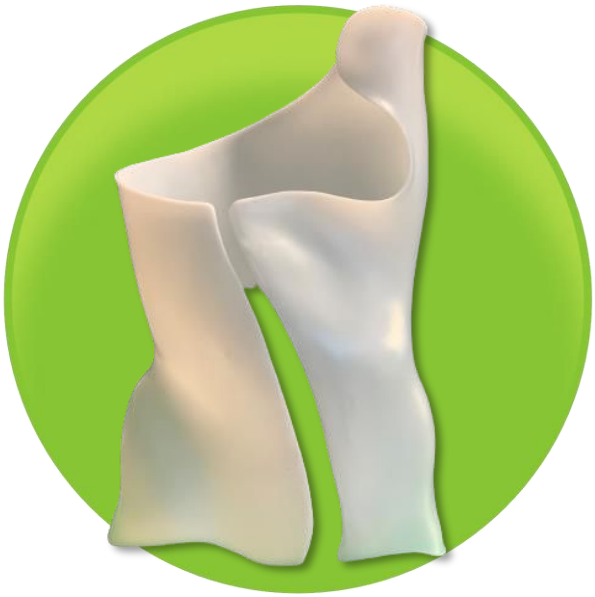
Upper Body Orthotics

Cranial Orthoses



Spinal Orthoses

Arm Orthosis

MHT

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Prosthetics

Check Sockets

Carbon Sockets

Customisable finishes

Flexible & PETG Inners

MHT

BOA Panel Sockets

Running Blade Sockets

Pelite Liners

Specialty Sockets (e.g. weightlifting arm)

Need certain components not available on our order forms? MHT can order in other parts required for your prescription at cost, or you can ship them directly to us to use in your device.

Ask Momentum about Prosthetic Central Fabrication today!

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Foam Carvings

Benefits of Foam vs Plaster

- **Lighter –** reduce OHS risk of moving heavy plaster casts around the workshop – especially spinals!
- **Easy to re-carve –** re-carve old shapes at any time from our digital record
- **Extruded trimlines –** simplify device fabrications with your trimlines extruding from the surface of the carve
- **Easy to modify –** easily adjust foam carvings by sanding or cutting off material, or add more foam by simply gluing on*

*60-second or Contact adhesive recommended

Carve Options	3-Axis	7-Axis
Low Density (90gsm)	✓	✓
High Density (250gsm)	✗	✓
UCBL/FO	✓	✓
AFO (posterior shell)	✓	✓
AFO (anterior shell)	✗	✓
KAFO	✗	✓
Spinal	✓	✓
Cranial / Face	✓	✓
Prosthetics (TT, TH, TR, TH)	✗	✓

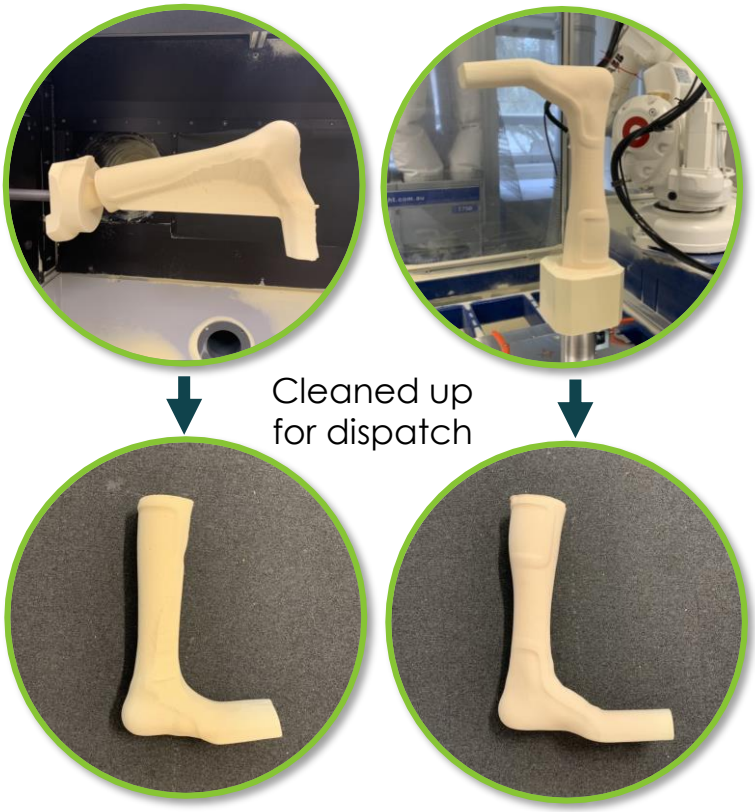
Easy 3-Step process to order!

1. Fill out a Foam Carving order form

2. Send order form, PO, & ready-to-carve files* to MHT Orders for carving

**Or utilize our Digital Modification Service!

3-Axis **7-Axis**



3. Carvings dispatched same/next business day

Ask Momentum about foam carvings today!

Ph: 02 6210 0066 E: info@momentumht.com.au momentumht.com.au

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Digital Modification Service

Using the Vorum CAD/CAM system for Orthotics & Prosthetics, MHT are proud to offer a Digital Modification Service to help support O&P clinicians. With consistent modification standards and workflows, be confident in receiving a ready-to-fit device fabricated to your exact requirements.

Why use our Digital Modification Service?

- **Less time in the plaster room** -> More time to spend with patients
- Cast/scans **modified exactly to measure**
- **Precise** angular adjustments
- Receive your devices **ready-to-fit**
- Our modification specialists will **directly contact you** if discrepancies are noted or any clarification is required

Easy 4-step process!

1. Take a physical cast or digital scan (VRSF, STL, or OBJ files accepted)
2. Fill out the appropriate order form, including patient measurements. Send cast/scan & order forms to MHT
3. Your cast/scan is digitally modified to provided measures & device type specifications
4. Your device is centrally fabricated & sent directly to you (or order a Foam Carving!)

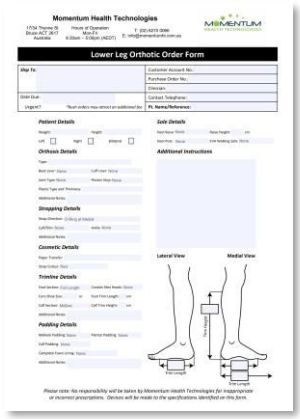
Device types currently offered*

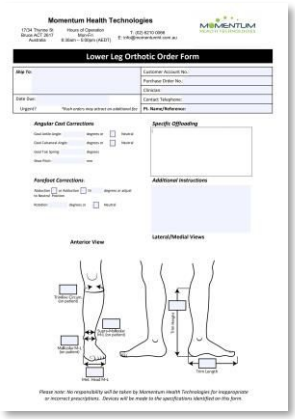
- **UCBLs**
- **Foot Orthoses**
- **Ankle-Foot-Orthoses**
- **Knee-Ankle-Foot-Orthoses**
- **Cranial Orthoses**

*Please contact us directly if you require modifications not listed

1

2





3

4

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Pre-Preg Carbon

What is Pre-Preg Carbon?

Pre-Preg refers to any material which has been impregnated with a predetermined amount of resin. Pre-Pregs are being increasingly utilized across a wide range of industries (including motor racing & aerospace) for its superior strength, uniformity, & weight compared to traditional wet laminations.

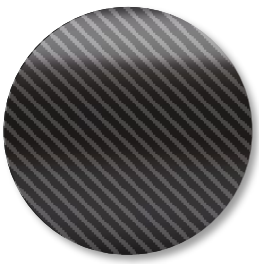
Pre-Preg Carbon used by MHT contains a weave of carbon-fibre infused with epoxy resin. The layup process allows a range of flexibility & stiffness in the device as well as several options for the surface finish. Pre-Preg is available at MHT as a fabrication material for both orthotics & prosthetics.

How do Pre-Preg laminations differ from traditional wet laminations?

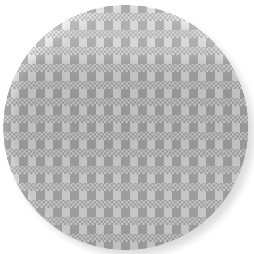
- **Set % of resin** content – **Increases the properties of the carbon fibre** and **reduces the properties of resin** in the composite
- **Reduced weight** compared to wet laminations
- Better fiber compression – **thinner shells** & **less bulk** as fibres don't swell with resin
- **Elimination of air bubbles**
- **Fibres stay in intended alignment** – best utilizes the properties of the directional weave, allowing **flexibility or stiffness where required**
- **Less material wastage**
- Greater ability to **incorporate multiple fabric materials** into the composite
- **Fully integrated** designs possible – add joints/components without need for bolts/screws

Pre-Preg Carbon Surface Finish Options

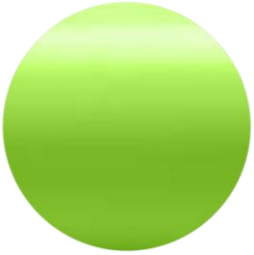
Pre-Preg IN-Pulse AFO
w/ Directional finish



Directional
(default finish)



Silverized



Vinyl Wrapped

Spray Painted

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IN-Pulse AFO Prescription Matrix

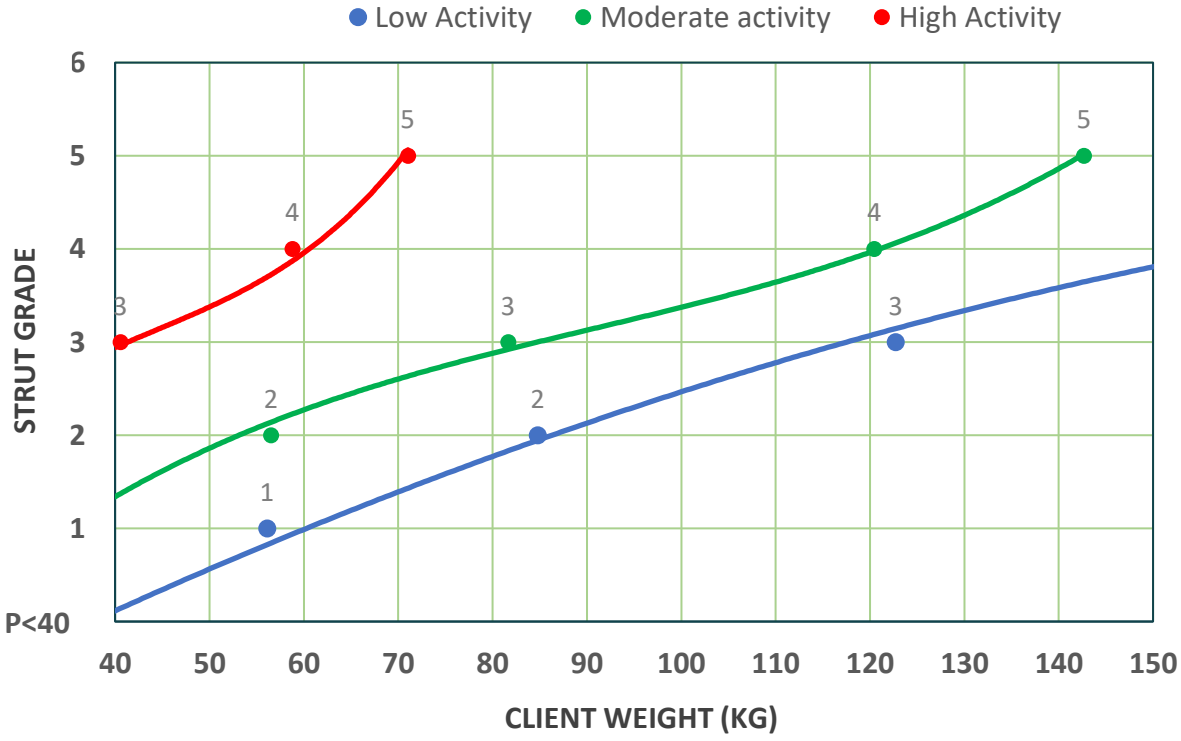
At MHT we have conducted rigorous testing of our proprietary Pre-Preg carbon AFO (the IN-Pulse) to design a new easy to use and accurate prescription matrix.

To develop this new matrix we measured the moment force required to cause a deflection angle of 10° dorsiflexion in the posterior strut, equating this force to the average peak dorsiflexion moment (Nm/kg) from a healthy patient of ages 23-44 during gait at walking speed between 1.3-1.5 m/s.

AFO Strut Grades: P, 1, 2, 3, 4, 5

- The centre line of the matrix (green) represents the recommended grade to weight for standard gait. For a softer strut, select a lower grade to the recommended (low activity – blue line). For increased stiffness, select a higher grade (high activity – red line).
- Our P grade AFO is recommended for paediatric patients weighing less than 40kg aiming for a flexible, low activity AFO

IN-PULSE CARBON FIBRE AFO PRESCRIPTION MATRIX



STRUT GRADES
P
1
2
3
4
5

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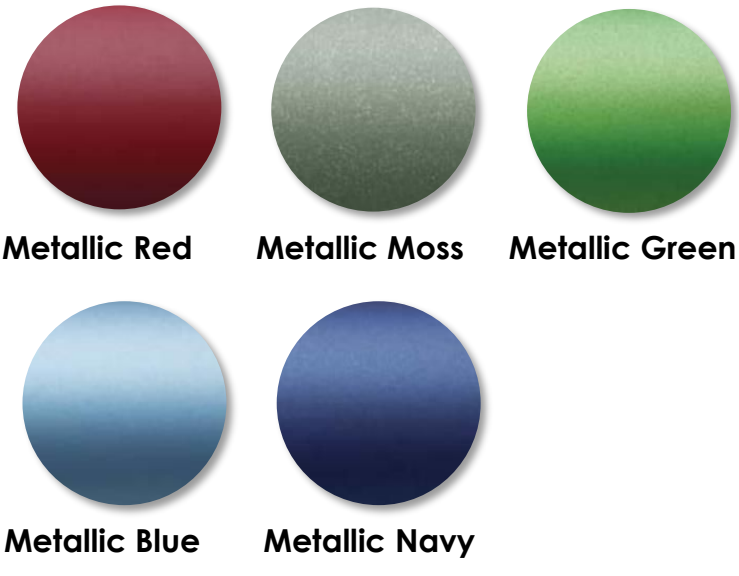
Vinyl Wrapping

Pulse AFOs w/ satin "flesh" finish

Carbon KAFO w/ custom "donut" design on entire device exterior

Satin Finish

Matte Metallic Finish



Why choose Vinyl Wrapping?

- Superior finish
- Bright colours & patterns
- Weather-resistant
- Custom colours & designs

Vinyl Wrapping available for:

- Laminated devices
- Pre-Preg Carbon devices
- Existing devices (including non-MHT fabricated devices)

Ask Momentum about Vinyl Wrapping O&P devices today!

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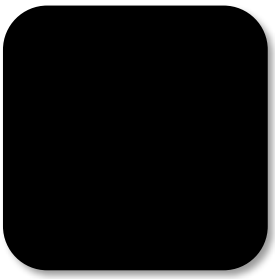
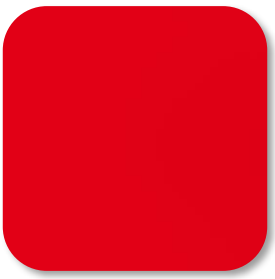
Thermoplastic Transfers

Plain
MHTTP00000

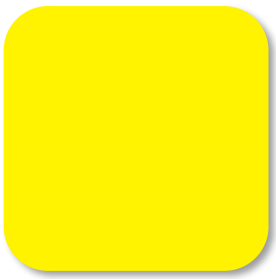


Black
MHTTP00005



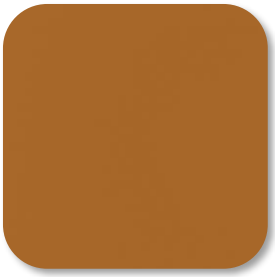
Red
MHTTP00060

Blue
MHTTP00009



Yellow
MHTTP00083

Light Pink
MHTTP00042



Brown
MHTTP00010

Tan
MHTTP00078

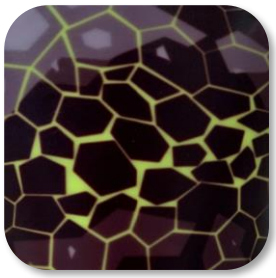
Oatmeal
MHTTP00047

Army Camo
MHTTP00002

Blue Camo
MHTTP00007

Pink Camo
MHTTP00054

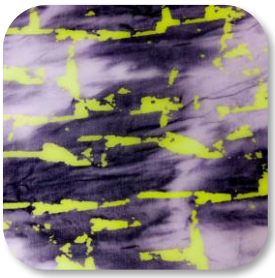
Military Camo
MHTTP00046



Geometric Camo
MHTTP00034

Digital Camo
MHTTP00023

Funky Camo
MHTTP00030



Crunch
MHTTP00020

FX
MHTTP00031

Carbon Braid
MHTTP00011

Carbon Plus
MHTTP00012

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Thermoplastic Transfers

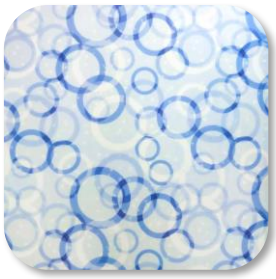
Solar
MHTTP00069

Ice Age 2
MHTTP00037

Tornado
MHTTP00081

Tie Dye
MHTTP00080

Chevron
MHTTP00015



Circles
MHTTP00016

Aquarell Dots
MHTTP00001

Raindrops
MHTTP00059

Paint Splatter
MHTTP00050

Denim
MHTTP00022

Punk
MHTTP00057

Supergirls
MHTTP00076

Comic Bam
MHTTP00018

Rock n Love
MHTTP00063

Hearts & Roses
MHTTP00035

Black Skulls
MHTTP00004

Paisley Skulls
MHTTP00052

Cosmos
MHTTP00019

Dark Sky
MHTTP00021

Space
MHTTP00070

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Thermoplastic Transfers

Galaxy
MHTTP00032

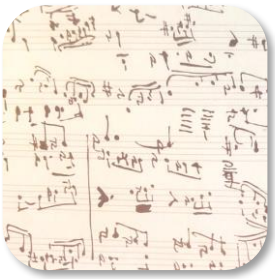
Rockets
MHTTP00062

Stars
MHTTP00075

Starlight w Pink
MHTTP00074

Rainbow Stars
MHTTP00058

Manhattan
MHTTP00044



Melody
MHTTP00045

Tattoo
MHTTP00079

Fly & Drive Blue
MHTTP00028

Fly & Drive White
MHTTP00029

Caribbean
MHTTP00013

Flower Power
MHTTP00027

Garden
MHTTP00033

Spotty Flowers
MHTTP00072

Sweetheart
MHTTP00077

Playroom
MHTTP00056

Ice Cream
MHTTP00038

Soccer Balls Red White Blue
MHTTP00068

Soccer Balls Blue Yellow
MHTTP00066

Soccer Balls Germany
MHTTP00067

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Thermoplastic Transfers

Bats
MHTTP00003

Blue Snake
MHTTP00008

Leopard
MHTTP00041

Zebra
MHTTP00084

Spider Web
MHTTP00071

Safari
MHTTP00064

Jungle Animals
MHTTP00039

Pink Turtles
MHTTP00055

Sharks
MHTTP00065

Ocean
MHTTP00048

Yellow Bugs
MHTTP00082

Horses
MHTTP00036

Paw Prints
MHTTP00053

Reptiles
MHTTP00061

Owls
MHTTP00049

Dino White Background
MHTTP00025

Dino Blue Background
MHTTP00024

Cartoon Unicorns
MHTTP00014

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Thermoplastic Transfers

Paisley Butterflies
MHTTP00051

Colourful Butterflies
MHTTP00017

Light Purple Butterflies
MHTTP00043

Spring Butterfly
MHTTP00073

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Further Information / Contact

For any questions about Central Fabrication for items/designs not listed in this catalogue, call us to discuss what we can do for you on
(02) 6210 0066
or email
info@momentumht.com.au

For any technical / pricing inquiries about MHT C-Fab products, please contact
info@momentumht.com.au

To order C-Fab products through MHT, please contact
orders@momentumht.com.au

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CAD/CAM

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CAD/CAM

VORUM

MOMENTUM HEALTH TECHNOLOGIES

O&P Scanning Solutions

Spectra™ handheld 3-D scanner

- Designed & built by Vorum – the only CAD/CAM solution provider to manufacture their own 3-D scanners for O&P
- 0.1mm scan resolution provides the highest accuracy on the market – capture every bump and contour for the best fitting custom devices
- Real-time shape emerges on the screen as you scan. No location dots or marks necessary – just point, press the trigger, and scan away
- Fast scans – can be done in minutes and even seconds
- VSRF file output contains full texture & digital landmarks for transfer of hand-drawn landmarks and areas of interest to the digital shape
- Spectra™ software allows for scan cleanup, volume measurement, and digital landmark additions before exporting – ensuring the highest accuracy
- Ability to scan split casts & digitally merge together
- Only O&P scanner to use blue-light scan technology, which delivers top performance at a fraction of the cost of laser-based scanners
- Designed to capture micro-movements for patients that struggle to keep still during the scan – especially useful for infant cranial scans
- Spectra™ will never become obsolete – Vorum is committed to the long-term development & consistent improvement of all scan hardware and software
- Dual cable tethers: one to PC via USB for data transfer & one to power bank

Can scan:
- Live patients
- Plaster wraps / casts
- Split casts
- Fibreglass casts
- Foam carvings
- Impression / crush boxes
- Existing devices

Can't scan:
- Individual fingers
- Dark textures

Luma™ Tablet-mounted / handheld 3-D scanner

- The only tablet-mounted 3-D scanner designed exclusively for O&P
- Scan with Luma mounted to tablet, or off-tablet using included 2m tether
- Unmatched portability, set up & packed down in seconds
- Easy calibration to scan / omit any colour
- +/- 1% volumetric accuracy
- Scan any body shape, including the inside of casts!
- Fast scans – can be done in minutes and even seconds
- Real-time shape emerges on the Surface Pro screen as you scan – easily follow scan progress without looking away at a separate screen
- Intuitive user interface with powerful scan cleaning tools
- VSRF file output includes full texture information for transfer of hand-drawn landmarks and areas of interest to the digital shape for the highest accuracy
- STL output option also included at no extra cost!

Recommended for:
- Live patients
- Plaster wraps / casts
- Fibreglass casts
- Foam carvings
- Impression / crush boxes

Not recommended for:
- Directly scanning patients with clonus

Contact MHT to organize your demo of Spectra and/or Luma!

Ask Momentum about Vorum CAD/CAM today!

vorum.com Ph: 02 6210 0066 E: info@momentumht.com.au momentumht.com.au

CAD/CAM

VORUM

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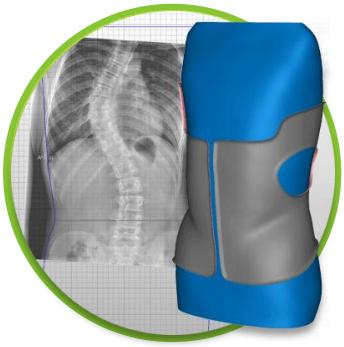
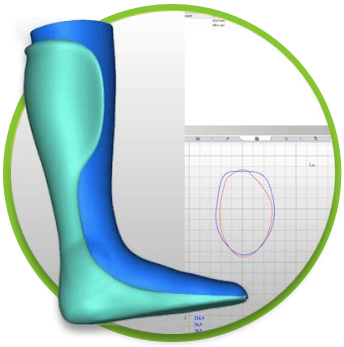
O&P Digital Modification Solutions





Contact MHT to organize a free demo of the Canfit™ Design Suite!

Canfit™ Design Suite

The only all-in-one CAD software solution for O&P

Vorum's Canfit™ Design Suite represents the cutting edge of O&P technology. With the ability to **modify any kind of O&P device in just minutes** within the one program, the Canfit™ Computer-Aided-Design solution is the **most comprehensive and easy-to-use** O&P modification software on the market. Vorum CAD/CAM solutions are **installed in 45+ countries across 800+ sites**, and have helped clinics achieve reported **gains of 450%+ in efficiency and 600%+ in productivity**, as well as better fitting devices. As THE inventors of O&P CAD/CAM with 30+ years experience, Vorum back up their products with comprehensive training and the best support. Read on to find out why Canfit™ might be right for your O&P practice:

Canfit™ is the **ONLY** Cad software for O&P which:

- is a **single program** for head-to-foot O&P design
- has **true networking capability** with proper file locking for a single version of truth with patient files (e.g. it's the only software that can be configured in Citrix environments)
- has **patented tool** for **variable depth trimline flaring**
- has **built-in export option for 3-D printing** with **variable thickness** design on the device, including **addition of components**
- ability to generate shapes from 3D scans or solely patient measurements with Library Shapes
- has the ability for the clinician to **decide the axis of rotation**
- allows the creation of **custom modification workflows**
- has a **trademarked, comprehensive, goal-driven training program** to ensure success, known as **SurePath™**

Maximise your efficiency with Canfit™ **Library Shapes, Overlays & Macros:**

- **Library Shapes**
  - create scaled body shapes from **patient measurements alone**
  - **no casting or scanning** required!
  - use preloaded shapes from Vorum's database or we can help you **create your own shapes** to use
- **Overlays**
  - add buildups, loading, & trimlines in **seconds**
- **Macros**
  - Create **consistent, repeatable workflows**
  - Modify shapes in **only minutes**

Other features of Canfit™ Design Suite include:

- VSRF file input contains **full texture & digital landmarks** for transfer of hand-drawn landmarks and areas of interest to the digital shape
- **Overlay patient x-rays and photos** to better help visualizing modifications
- Has the ability to import scans from non-Vorum scanners (STL Import) and export to non-Vorum carvers (STL Export)

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CAD/CAM

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MOMENTUM HEALTH TECHNOLOGIES

O&P Digital Modification Solutions

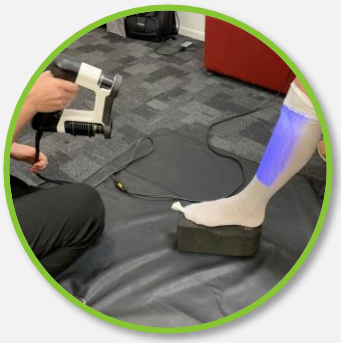
Canfit™ Access

Pay-per-output access to Canfit™ Design

Momentum Health Technologies have partnered with Vorum to create an easy, locally supported CAD/CAM solution; the Canfit™ Access Model. Canfit™ Access provides the **full software capabilities** of a full Design Suite license, but you **only pay when you output a file for carving/printing**. Canfit™ Access is designed for exclusive use with Vorum's Luma tablet-mounted scanner.

Features of Canfit™ Access include:

- **One-off upfront setup & cost**
- Pay-per-carve export solution lets you **perfect your design before sending** for carving or central fabrication at MHT
- **Free Canfit Access Model upgrades** as they are released
- Design & **experiment with the software anytime**, anywhere
- **Full local support** through MHT – get support when you need it



Canfit™ Design From Scan

Modify any shape from digital scans only

Looking for a comprehensive CAD/CAM solution, but only need to work from digital 3D scans? Canfit™ Design From Scan provides the full extent of digital modifications available in a full Design Suite license, but **does not include any Library Shape functionality**.

Simply live-scan your clients or scan a fiberglass/plaster cast with the Spectra or Luma 3D scanner, import the scan files into Design from Scan, and create any type of O&P device with Canfit™'s full modification tool suite.

Import scan files from non-Vorum scanners with the **STL Import** option.

Which Canfit™ solution is right for you?

Feature	Access	Design From Scan	Design Suite
Modify any shape	✓	✓	✓
3D printing capability	✗	✓	✓
Unlimited output	✗	✓	✓
Library Shapes	✓	✗	✓
STL Import Option	✓	✓	✓
Annual maintenance fees	✗	✓	✓

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CAD/CAM

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MOMENTUM HEALTH TECHNOLOGIES

O&P Carving Solutions

3-Axis Carving Machine

The Prosthetics and Orthotics Industry Workhorse

Fast & Accurate – Carves most O&P molds in 5-20 minutes to speed up your fabrication. Expect a smooth finish on even the most complex shapes.

Reuse Carvings – Save on material costs by reusing old shapes to carve smaller ones and get the most out of every block.

Carve Multiple Shapes – Simply line up multiple shape files together and carve additional molds on a single block!

Large Capacity – handle almost any brace, from the smallest infant orthotic to the largest adult spinal orthotic.

Reliable – proven workhorse designed by Vorum specifically for O&P. Low maintenance and dependable for a 10+ year life

Devices

- TT, TF prosthetics
- Foam covers
- Spinals (TLSO)
- Sitting TLSOs
- AFOs, KOs, KAFOs
- Neck braces
- Cranial helmets
- Standing shells (in modules)

Ave. Speed (smooth finish)

- TT: 8 minutes
- AFO: 15 mins
- TLSO: 18 mins

Materials

- Polyurethane foam

6P Insole Carver

- Tailored to suit an array of carving needs – can carve both positive orthotic moulds and soft insoles
- Can handle complex shapes and can carve a variety of materials
- Can carve up to 6 pairs of insoles simultaneously
- Easily mill deep heel cups and high heel heights, and produce insoles with toe spring and metatarsal pads, arch support, and relief for ulcers, heel spurs, bunions and hammer toes.
- Can carve soft insoles from EVA, cork, and similar materials. Handles densities from 25-75 shore and depths up to 60mm.
- Included tools mill and part the insoles automatically, produce a smooth surface finish, maximize material use, and allow for easy separation
- Enclosed carving space with automatic door lock

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CAD/CAM

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O&P Carving Solutions

Forma ST 7-Axis Carver

Precision carving with a compact footprint

- **Maximum Fabrication Possibilities –** Carve anything from head to foot; even custom seat cushions. Do it all within a small footprint.
- **Save Time –** Accelerate your production workflow by leveraging VorumCAM to process Canfit shapes and STLs with ease.
- **Device Consistency –** Save fabrication time and increase consistency by carving device trimlines (optional).
- **Built for Speed and Accuracy –** Carves most O&P molds in 5-20 minutes. Achieve a smooth finish on even the most complex shapes
- **Effortless Preparation –** With optimized milling templates and shape auto-alignment, carvings can be quickly loaded hassle-free
- **Improved Carve Volume –** Exclusive machine configuration allows you to carve small KAFOs and full seat cushions.

Devices

- TT, TF prosthetics
- Foam covers
- Spinals (TLSO)
- Seats (2-piece)
- AFOs, KOs, KAFOs
- Neck braces
- Cranial helmets
- Standing shells

Ave. Speed (smooth finish)

- TT: 8 minutes
- AFO: 15 mins
- TLSO: 18 mins
- Seat (1-piece positive): 30 mins

Materials

- Polyurethane foam
- EVA
- Cork

Robot 7-Axis Carving Machine

The fastest, most versatile prosthetics and orthotics carving solution

- **Versatile –** Rotary carving capabilities allows for production of any prosthetic and orthotic shape
- **Flexible –** Carve shapes in the widest variety of materials
- **Efficient –** Designed for high-volume, high-speed, and accurate carving production

Devices

- TT, TF prosthetics
- Foam covers
- Spinals (TLSO)
- Seats (2-piece)
- AFOs, KOs, KAFOs
- Neck braces
- Cranial helmets
- Mattresses
- Standing shells

Ave. Speed (smooth finish)

- TT: 8 minutes
- AFO: 15 mins
- TLSO: 18 mins
- Seat (1-piece positive): 30 mins

Materials

- Polyurethane foam
- EVA
- Cork

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Further Information / Contact

To view the complete range of Vorum CAD/CAM products, visit
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For any technical / pricing inquiries about Vorum products or to organize a demo, please contact
info@momentumht.com.au

To order Vorum products through MHT, please contact
orders@momentumht.com.au

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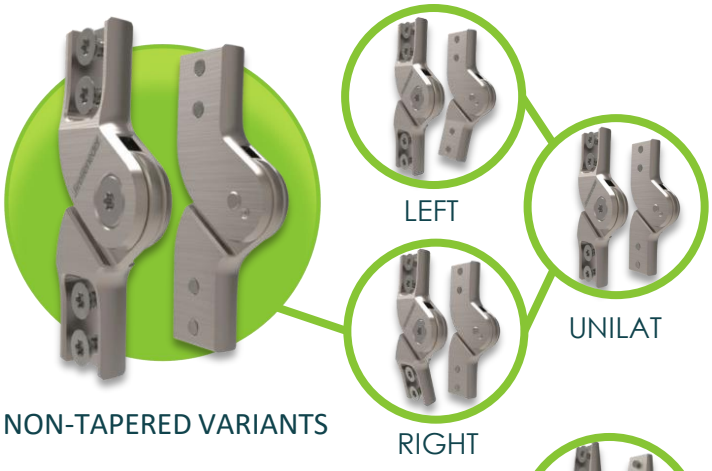
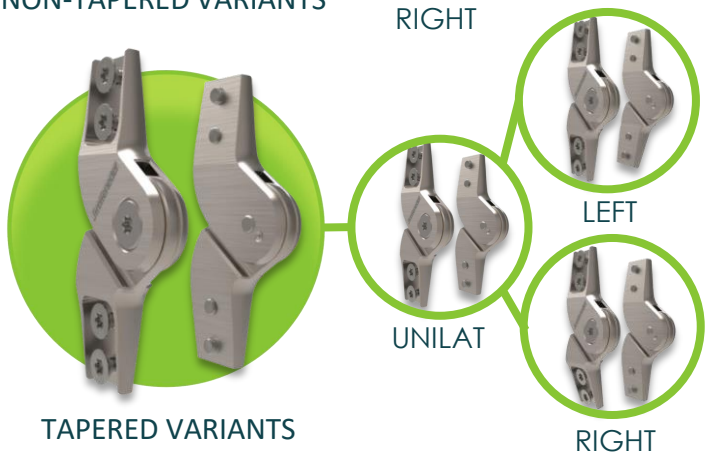
Artikon Joint System - Knee





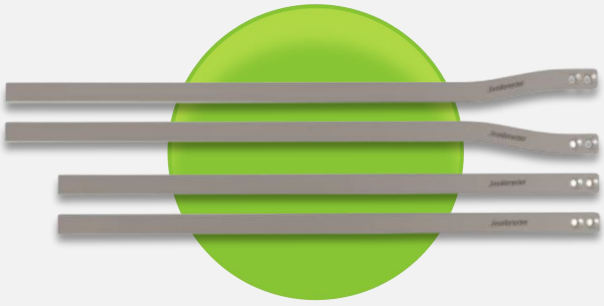
Artikon.genu System-Knee Joint Set

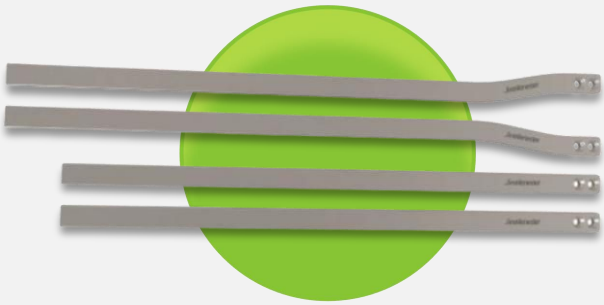
- monocentric joint for motion control
- choice of Left, Right, or Unilateral
- freely movable
- bilateral application
- as the joints are positioned offset to the pivot point of the bars, the bars can be positioned optimally at the upper and lower thigh
- extension stop 2° positive
- with ball bearing, 4 sliding discs & 2 stop bumpers
- incl. 8 high-quality Torx screws for side bar mounting
- incl. Torx wrench
- tapered variants for laminations only
- non-tapered variants for thermoplastics/carbon/steel-leather

Artikon System-Side Bar Set for System-Knee Joint Set

STAINLESS STEEL

- connection element from knee joint to ankle joint
- flat
- 1 set consists of left and right-side bars between knee/ankle and 2 side bars between knee/hip
- bars pre-curved near joint attachment to reduce metal fatigue
- short bars for laminations only
- long bars for thermoplastics/carbon/steel-leather


STAINLESS STEEL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Artikon Joint System - Ankle

Artikon.malleo System-Ankle Joint Set

without spring

ANGULAR VARIANTS

1J**10** 1J**11** 1J**12**

- joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- pressure spring for foot lift function
- incl. 4 high-quality Torx screws
- incl. Torx wrench

Artikon.malleo System stirrups for System-Ankle Joint Set **without spring**

- oil-free bushing and thrust washers
- stirrup forms the second, moveable part of ankle joint
- individually grindable dorsal extension/plantar extension to max 50°
- factory setting: stop on both sides at 0°
- 1J**20** for **rivet** tech, 1J**21** for **lamination** tech

1J**20**

1J**21**

Artikon.malleo System-Ankle Joint Set

with spring

ANGULAR VARIANTS

1J**30** 1J**31** 1J**32**

- joint for motion control
- universally applicable for either side
- freely movable
- bilateral application
- pressure spring for foot lift function
- incl. 4 high-quality Torx screws
- incl. Torx wrench

Artikon.malleo System Stirrups for System-Ankle Joint Set **with spring**

- oil-free bushing and thrust washers
- stirrup forms the second, moveable part of ankle joint
- individually grindable dorsal extension/plantar extension to max 20°
- factory setting: plantarflexion stop at 0°
- 1J**40** for **rivet** tech, 1J**41** for **lamination** tech

1J**40**

1J**41**

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Artikon Joint System - Assort

Artikon.junior knee joint bars for children

- material: stainless steel
- with ring lock
- flat joints – no angular variants
- aluminium upper & lower bars – 12mm , 14mm, & 16mm bar width available
- recommended pairing with Elastic Joints for Orthoses for ankle motion

Fidlock Magnetic Closure for Orthoses

- two-piece system to close strap connections of orthoses
- easy one-hand open by pulling the zipper, both sections close automatically
- material: synthetic material and stainless steel
- magnetic flux density: in closed condition approx. 4mT at a distance of 25.4 mm to the closure
- load capacity: 70kg
- to fit **25mm** straps

Elastic Joints for Orthoses

- material: polyeurethane (PUR)
- elastic joints are very durable, multifunctional in applications and movement supporting joints for orthoses
- the higher the flex grade (75, 85 or 95), the higher the motion support for dorsal- resp. plantar flexion

14J1 **12**J1 **11**J1 **10**J1 **10**J1/**E2**

Spare screws & nuts (10-pack)

10J1/E**10**

Dorsal Stopper for Elastic Joint

- material: steel, zinc-plated
- elastomers
- to inhibit the plantarflexion in the upper ankle
- components: deflection bumper, threaded part, securing nut, washer, rivet

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Streify Prefabricated Orthoses

PeroSupport.tec ankle-foot-orthosis

Features

- Carbon Pre-Preg fabrication for great energy storage & return
- Fidlock Magnetic Closure for ease of one-handed don/doff
- limits plantarflexion and thus helps foot clear ground in swing phase
- foot plate may be cut down to match patient foot shape & size
- max PT. weight: 120kg

Indications

- peroneal paresis
- dorsiflexion weakness
- foot drop
- emiplegics with mainly limp tip toe position

Contraindications

- material interactions/allergies
- do not wear directly on injured, irritated or damaged skin
- foot or ankle deformities
- diabetic foot syndrome/-ulcers
- swellings and dilation of the calf skin
- sensory disorders (e.g. polyneuropathy)
- heavy circulatory disorders/lymphoedema

PediSupport.night night stabilisation splint

Features

- Maintains foot in a 90° position
- Prevents a pes equinus foot position and thereby prevents an Achilles tendon contracture
- optimal immobilisation of the lower leg
- separate wedge to stretch the plantar fascia
- additional calf pad to take load of the heel for bedridden patients

Indications

- plantar fasciitis
- post-operative immobilisation of the lower leg
- dorsal flexor – resp. peroneal paralysis
- for night postural support
- pes equinus position

Contraindications

- material interactions/allergies
- do not wear directly on injured, irritated or damaged skin
- plantar flexion contracture of more than 10°
- severe plantar flexion spasms
- not suitable for walking

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ORTHOTICS

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Albrecht CDS® Hinges

Controlled Dynamic Stretch (CDS®)

CDS® Hinge 360°

CDS® Hinge 360° plus

CDS® Nano Hinge

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ORTHOTICS

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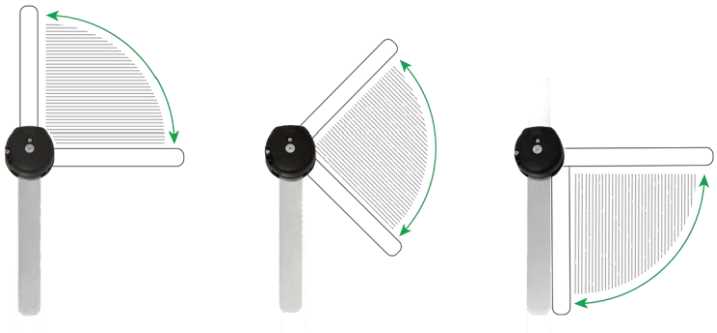
HEALTH TECHNOLOGIES

CDS® Individual Hinges

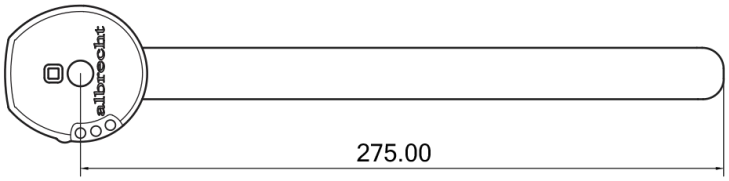
CDS® Hinge 360°

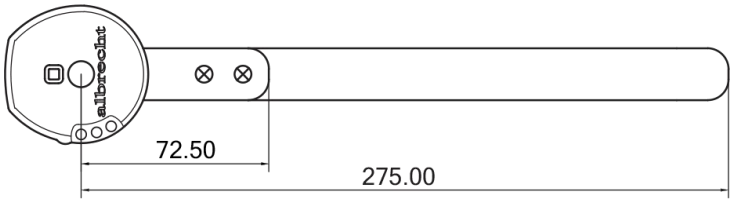
- Individual adjustment of the spring tension up to 5.2 Nm
- Spring tension can be switched on and off without tools and without varying the tension setting
- Range of motion can be limited
- Immobilisation is possible

- Available with 16, 20, & 24mm bar widths in **Stainless Steel**
- Available with 20 & 24mm bar widths in **Aluminium**



- The redression range can be adjusted in 15° increments
- 90° redression range can be positioned freely
- For therapy in extension or flexion
- For treatment of severe extension or flexion deficits

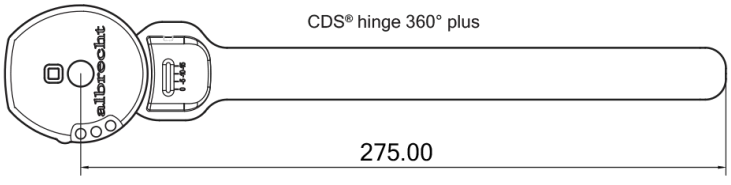


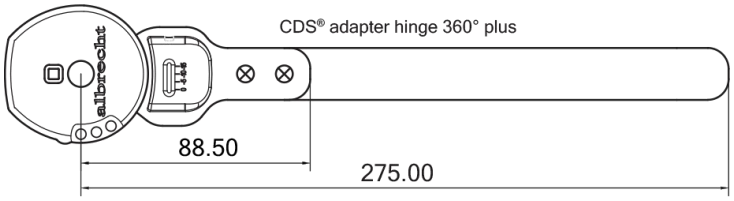


CDS® Hinge 360° plus

- Hinges called PLUS include a fine adjustment option
- Fine adjustment allows for the infinitely variable adjustment of the redression range
- The redression range may also be extended to -15° to enable hyperextension.

- Available with 16, 20, & 24mm bar widths in **Stainless Steel**
- Available with 20 & 24mm bar widths in **Aluminium**





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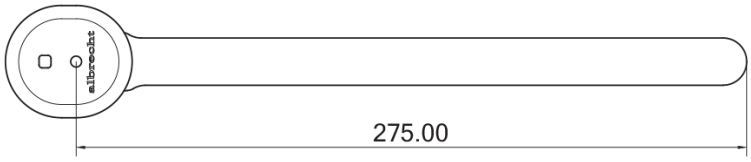
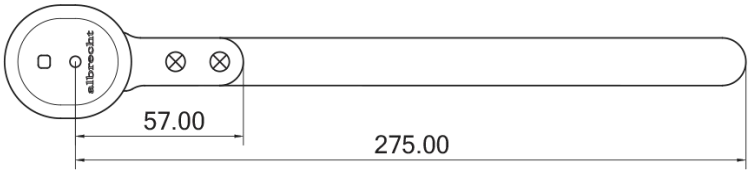
CDS® Individual Hinges

CDS® Nano

- Individual adjustment of the spring tension up to 2.2 Nm
- Spring tension can be switched on and off without tools and without varying the set spring tension
- The redression range can be adjusted in 10° increments

- Available with 16mm bar widths ONLY in both **Stainless Steel** & **Aluminium**

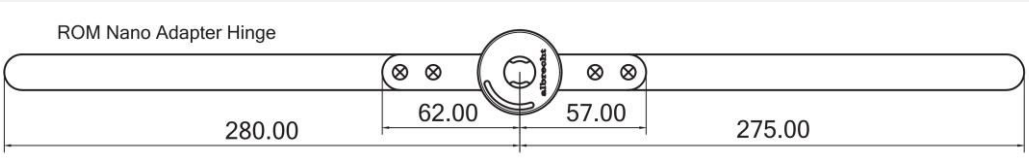




ROM Nano Adapter Hinge

- Limits may be adjusted without tools.
- Extension limit can be adjusted between -10° and 100° in 10° steps
- Flexion limits can be adjsuted between 0° and 130° in 10° steps
- Immobilisation possible between -10° and 100° in 10° steps

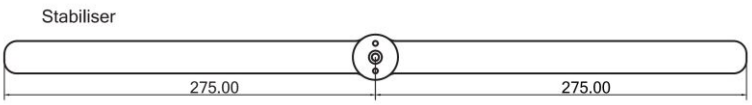
- Available with 16mm bar widths ONLY in both **Stainless Steel & Aluminium**

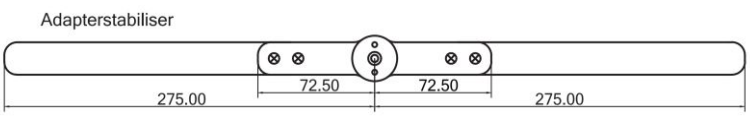


Stabiliser

- Stabilisers can be configured to match the hinge selected
- You can select stabiliser or adapter-stabiliser, aluminium or stainless steel as well as different widths

- **360 & Plus** sizes Available with 16, 20, & 24mm bar widths in **Stainless Steel**
- **360 & Plus** sizes Available with 20 & 24mm bar widths in **Aluminium**
- **Nano** Available with 16mm bar widths ONLY in both **Stainless Steel & Aluminium**





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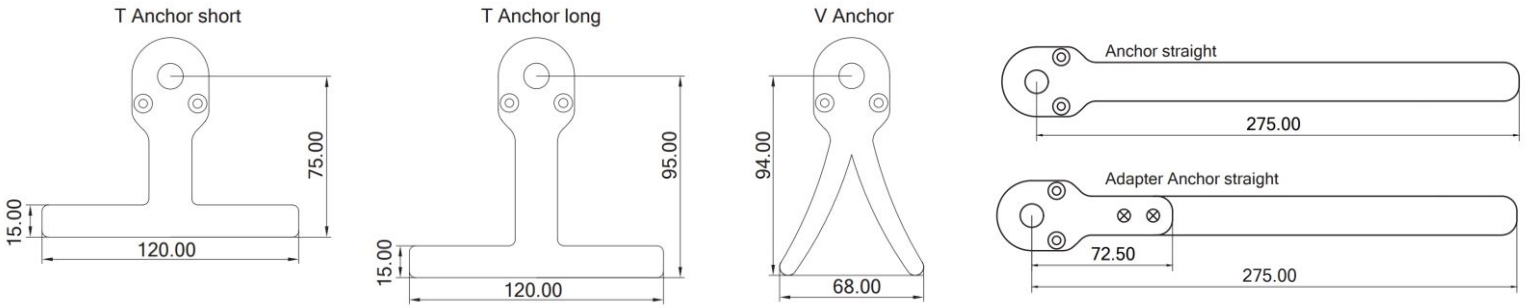
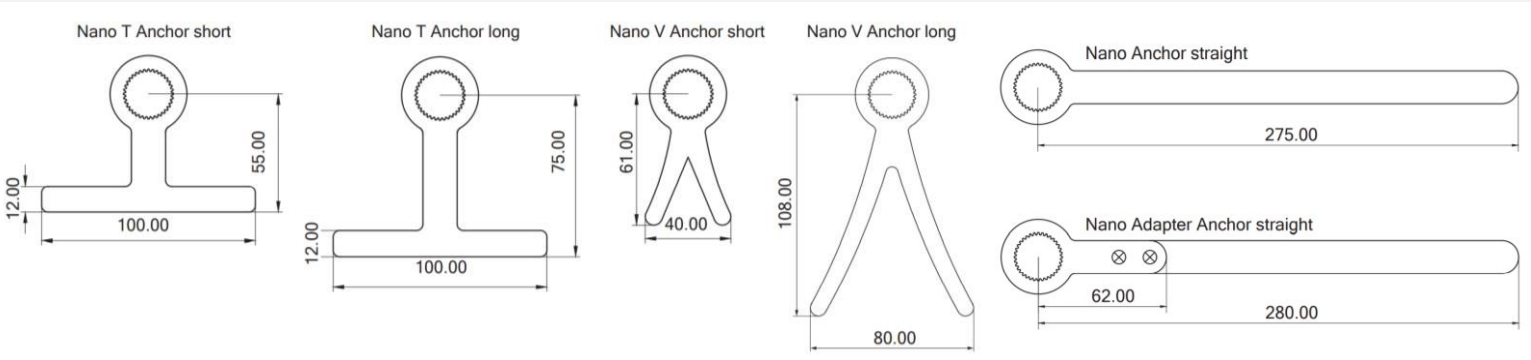
CDS® Extra Options

Anchor Options for CDS® Hinges



Anchor Options for CDS® Nano Hinges



CDS® Balancer / Alignment Kit

- The balancer enables the correct positioning of the hinges
- Kit contains:

- CDS® Balancer
- Alignment Set Replacement Kit
- Adjustable face wrench
- Spiral drill HSS/E DIN338 Typ N 3,2
- Spiral drill HSS/E DIN338 Typ N 4,2

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Off-The-Shelf CDS® Orthoses

Jack PCL Brace

• Indicated for PCL ruptures, and partial ruptures/elongations of the PCL

• Adjustable spring tension
• Constant translation force independent of flexion angle
• ROM possible from 0° to 120° – temporary immobilization possible
• Variable adjustment of the redression range
• Extendable size system incl. paedatric sizes
• Adjustable, Customisable thigh shells
• Easy handling & high level of comfort

CDS® Knee Brace (Flexion or Extension)

• Indicated for joint contractures, tendon tears, & post-surgical applications

• Available in both flexion & extension resistance options
• Activation of extensors/flexors and stretching of flexors/extensors
• Spring tension individually adjustable
• Spring tension can be switched on and off without tools
• Variable adjustment of the redression range
• Adjustable shell & strap system
• Easy handling & high level of comfort

CDS® Knee Brace Amputation

• Indicated for extension deficit of the knee following lower leg amputation

• Activation of extensors and stretching of flexors
• Spring tension individually adjustable
• Spring tension can be switched on and off without tools
• Variable adjustment of the redression range
• Adjustable shell & strap system
• Length adjustment of the shells
• Even pressure distribution
• Easy handling & high level of comfort

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ORTHOTICS

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FUNKTIONELLE REHABILITATION

MOMENTUM
HEALTH TECHNOLOGIES

Off-The-Shelf CDS® Orthoses

CDS® Ankle Brace

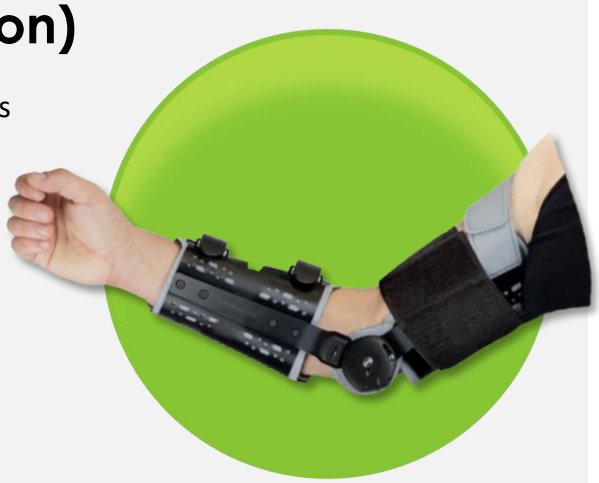
- Indicated for joint contractures & prevention of recurring contractures

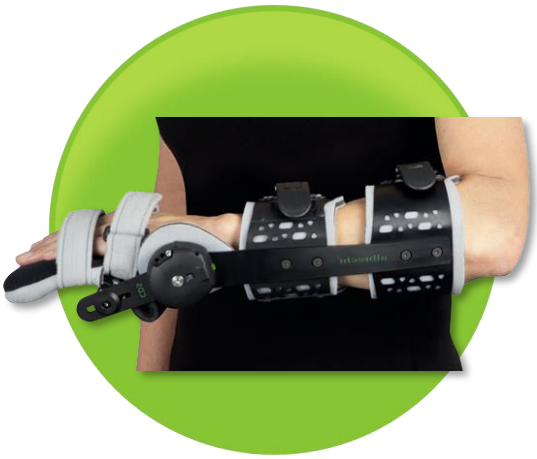
- Therapy in dorsal extension
- Spring tension individually adjustable
- Spring tension can be switched on and off without tools
- Adjustable ankle joint pivot point
- Adjustable foot internal/external rotation (5° either direction)
- Variable adjustment of the redression range
- Adjustable shell & strap system
- Easy handling & high level of comfort

CDS® Elbow Brace (Flexion or Extension)

- Indicated for joint contractures & prevention of recurring contractures

- Available in both flexion & extension resistance options
- Activation of extensors/flexors and stretching of flexors/extensors
- Spring tension individually adjustable
- Spring tension can be switched on and off without tools
- Variable adjustment of the redression range
- Adjustable shell & strap system
- Easy handling & high level of comfort





CDS® Wrist Brace (Flexion or Extension)

- Indicated for joint contractures & prevention of recurring contractures

- Available in both flexion & extension resistance options
- Activation of extensors/flexors and stretching of flexors/extensors
- Spring tension individually adjustable
- Spring tension can be switched on and off without tools
- Adjustable shell & strap system
- Handle angle adjustable according to course of treatment
- Optional variant includes carrying strap
- Easy handling & high level of comfort

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ORTHOTICS

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MOMENTUM
HEALTH TECHNOLOGIES

Off-The-Shelf CDS® Orthoses

CDS® Combination Knee-Ankle

- Indicated for joint contractures, muscle tears, knee tendon tears, conservative post-surgical treatment, spasticity following surgery on the CNS, muscular dystrophy, hereditary spastic paraparesis

- Therapy in dorsal extension at ankle & extension at knee
- Fast disconnection and reconnection of the elements by Coniungi
- Variable length between pivot points
- Adjustable foot internal/external rotation (5° either direction)
- Variable adjustment of the redression range
- Adjustable ankle joint pivot point
- Spring tension can be switched on and off without tools
- Available in paedatric sizes

CDS® Combination Elbow-Wrist

- Indicated for joint contractures, conservative post-surgical treatment, spasticity following surgery on the CNS, muscular dystrophy

- Therapy in extension at elbow & wrist
- Fast disconnection and reconnection of the elements by Coniungi
- Variable length between pivot points
- Adjustable foot internal/external rotation (5° either direction)
- Variable adjustment of the redression range
- Adjustable ankle joint pivot point
- Spring tension can be switched on and off without tools
- Available in paedatric sizes

To view the complete range of Albrecht Off-The-Shelf orthoses, please view the full Albrecht catalogue available here:

www.momentumht.com.au/products

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

GO. Series Prosthetic Feet

GO.smart carbon foot

- intelligent interaction between elastomer and carbon
- controlled dynamic properties
- wide basic spring for lateral stability
- prolonged full contact
- multi-axial

- heel height: 10 mm
- weight: 594g
- warranty: 24 months
- maintenance-free

- max. body weight up to 125kg / 275 lbs
- construction height: size 22 – 25 cm = 61 mm, size 26 – 29 cm = 69mm
- incl. foot shell and spectra-sock

GO.relax carbon foot

- intelligent interaction between elastomer and carbon
- natural gait pattern on various surfaces
- prolonged full contact
- wide basic spring for lateral stability
- multi-axial

- heel height: 10 mm
- weight: 620 g
- warranty: 24 months
- maintenance-free

- max. body weight up to 150 kg / 330 lbs
- construction height: size 22 – 25 cm = 103 mm, size 26 – 29 cm = 106mm
- incl. foot shell and spectra-sock

GO.free carbon foot

- intelligent interaction between elastomer and carbon
- natural gait pattern on various surfaces
- prolonged full contact
- wide basic spring for lateral stability
- multi-axial

- heel height: 10 mm
- weight: 660 g
- warranty: 36 months
- maintenance-free

- max. body weight up to 150 kg / 330 lbs
- construction height: size 22 – 25 cm = 144 mm, size 26 – 29 cm = 155mm
- incl. foot shell and spectra-sock

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

KINEGEN Prosthetic Knees

3A1000 KINEGEN.air

pneumatic polycentric knee

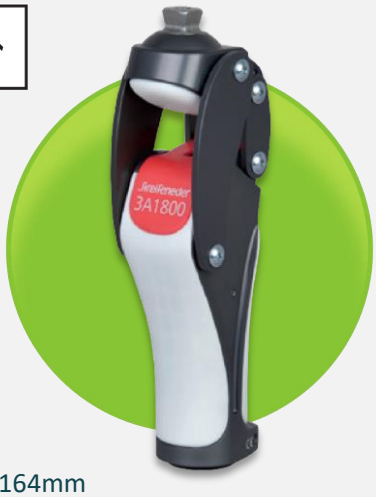
- pneumatic extension impact absorption for optimal wearing comfort
- high stance stability through load-dependent brake and posterior positioned joint axis
- easy adjustment via screws and brakes
- knee certitude even when walking at angular levels
- very smooth-running and thus minimal expenditure of energy for the patient
- wide activity range

- weight: 820g (without pylon)
- knee flexion angle: 145°
- includes Ø34mm pylon
- max. body weight up to 125kg / 275 lbs
- overall height: 249mm, proximal height: 53mm, distal height: 196mm

3A1800 KINEGEN.air-active

pneumatic polycentric knee

- pneumatic swing phase control by means of the adjustable pneumatic twin-chamber
- steplessly variable adjustment of the pneumatic extension- and flexion resistance for a natural gait pattern
- extension support using an integrated extension assist spring
- mechanical stance phase safety provided by polycentric technology
- shortened leg during the swing phase by means of polycentric knee joint construction
- low in maintenance
- large flexion angle
- intuitive operation
- simple cosmetic covering



- weight: 975g
- knee flexion angle: 150°
- max. body weight up to 125kg / 275 lbs
- overall height: 228mm, proximal height: 14mm, distal height: 164mm

3A2500 3A2500/**3** 3A2500/**4**

3A2500 KINEGEN.stream

hydraulic polycentric knee

- adjustable hydraulic end position damping for optimal wearing comfort
- very good adaption to the walking speed
- simple and safe switching into freewheel mode (cycling mode) via push button
- shiftable proximal connection in A-P direction approx. 10 mm
- shortened leg during swing phase by polycentric knee joint construction
- simple adjustment options of the hydraulic extension and flexion resistance by means of sensory feedback (clicks)
- integrated pneumatic chamber for extension assist
- various proximal connection options (pyramid and M36 threaded connection)
- energy saving initialization of swing phase
- mechanical stance phase control by polycentric technology
- high-capacity hydraulics due to bigger cylinder volume - thermically inoffensive
- excellent running smoothness due to high-quality bearings

- weight: 1124g
- knee flexion angle: 136°
- knee disarticulation friendly
- max. body weight up to 150kg (up to 125kg for 3A2500/3)
- overall height: 224mm, proximal height: 23mm, distal height: 173mm

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Prostheses for Children

S.A.C.H. Foot for Children with Split Toe

- thread M8
- heel height: 10mm
- with split toe
- with foam covered heel wedge
- recommended S.A.C.H. foot adaptor 160AK1/M8 →

160K1/M8

3K31 Modular Knee Joint

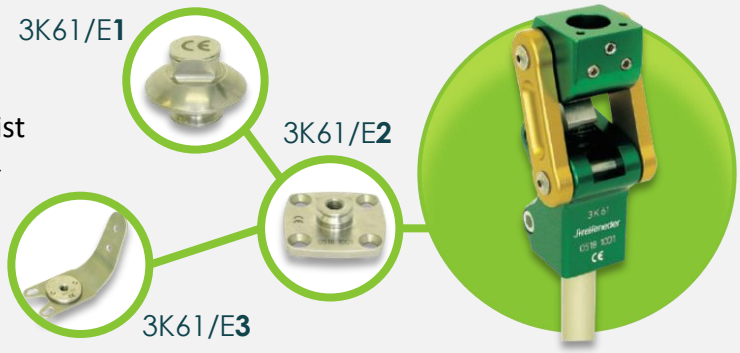
- weight: 169g
- max body weight: 45kg
- total height: 82mm
- monocentric
- proximal adjustment core
- with integrated extension assist
- proximal adjustment core
- distal tube clamp Ø22mm
- knee flexion angle: 145°
- light metal alloy / highly durable aluminium

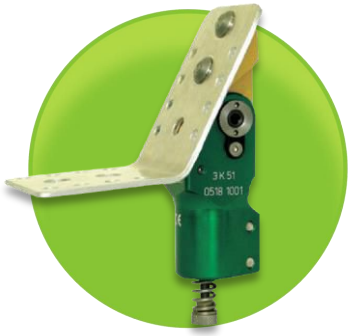
3K41 Modular Knee Joint with Lock

- weight: 151g
- max body weight: 45kg
- total height: 82mm
- monocentric
- with integrated extension assist
- proximal adjustment core
- distal tube clamp Ø22mm
- knee flexion angle: 145°
- light weight / highly durable aluminium

3K61 Modular Knee Joint

- weight: 334g
- max body weight: 45kg
- total height: 101mm
- adjustable axis lock
- polycentric
- with integrated extension assist
- 3 proximal adaptor options →
- distal tube clamp Ø22mm
- knee flexion angle: 150°





3K51 Modular Hip Joint

- weight: 228g
- max body weight: 45kg
- effective height: 15mm
- proximal: lamination disc
- distal: clamp for tube Ø22mm
- incl. counter sunk screw 22A5/M5x16

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Waterproof Knees & Feet

3A900 KINEGEN.wave

waterproof polycentric knee with lock

- with lock for maximum stance phase stability
- lock may be deactivated for more mobile users
- stepless variable adjustment of the extension- and flexion resistance for a natural gait pattern
- extension support using an integrated extension assist spring
- mechanical stance phase safety provided by polycentric technology
- shortened leg during swing phase by polycentric knee joint construction

- weight: 715g
- knee flexion angle: 145°
- distal Ø30mm tube clamp adapter
- proximal adjustment core
- max pt. weight: 125kg
- Total height: 165mm, eff. height: 108mm, proximal height: 25mm, distal height: 83mm

3A900/1 KINEGEN.wave

waterproof polycentric knee with lock

- with lock for maximum stance phase stability
- lock may be deactivated for more mobile users
- stepless variable adjustment of the extension- and flexion resistance for a natural gait pattern
- extension support using an integrated extension assist spring
- mechanical stance phase safety provided by polycentric technology
- shortened leg during swing phase by polycentric knee joint construction
- For knee disarticulations

- weight: 700g
- knee flexion angle: 145°
- distal Ø30mm tube clamp adapter
- proximal adjustment core
- max pt. weight: 125kg
- Total height: 157mm, eff. height: 99mm, proximal height: 16mm, distal height: 83mm

S.A.C.H. Foot for Bathing

- heel height: 10 mm ± 2 mm
- suitable for bathing/swimming prostheses
- foot made of PUR with waterproof coating of wooden surface
- core made of alder wood with bushing
- and pressure-cast heel wedge
- heel is flat-convex
- for use with waterproof 16A6/M10 S.A.C.H. Foot Adapter
- max pt. weight: **100kg**

16A6/M10 S.A.C.H. Foot Adapter -Titanium-

- complete with bolted connection
- proximal adjustment core
- M10 thread
- weight: 110g
- max. pt weight: 175kg
- mounting height: 9mm

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Waterproof Components

15S2/W Shuttle-Lock, waterproof

-Aluminium-

- no body weight restriction as lock is not a weight bearing component
- Activity level (walky): 1 to 4
- mounting height: approx. 23 mm
- suitable for thermoplastic and laminated sockets
- aluminium housing
- rastered pin
- component weight: 90g
- the Shuttle lock 15S2/W is characterised by its very small design and a high-strength aluminium housing. Suitable for fresh, salt or even chlorinated water and is manufactured in an excellent quality. The aluminium housing can be removed from the deep-drawing socket and used for the laminating socket. Processing is carried out using common deep-drawing or laminating methods.
- fully waterproof
- very flat construction
- twist-proof pin guide made of stainless steel
- locking unit completely exchangeable
- with lamination dummy 10S1/E6
- incl. special sealing grease 22A100
- please order press button extensions for geriatric patients or big sockets separately

Shuttle lock replacement lock unit, waterproof

- replacement lock unit 10S2/WE2 for Shuttle Lock waterproof 15S2/W
- complete, for simple exchange
- for use in salt or chlorinated water, the lock unit is made of corrosion-resistant materials.

6P50/W Active.valve TT, waterproof

-Aluminium-

- transtibial exhaust valve
- can be used for thermoplastic and laminated
- securing of the prosthesis via negative pressure in the socket
- pressure compensation via large push button
- very light, low installation height and easy assembly
- fully assembled on delivery
- only in combination with ContexGel.Knee Sleeve and silicone or polymer gel liner without distal connection
- including lamination dummy

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Waterproof Components

10A3/T Socket Adapter, center hole Ø8.5mm -Titanium-

- with adjustment core
- for direct laminations
- with lamination dummy 22A8
- max pt. weight: **175kg**
- mounting height: **14mm**
- weight: **69g**

10A21/S Socket Adapter, -Stainless Steel-

- with M36 inner thread
- for direct laminations
- infinitely variable rotation
- requires **lamination dummy 22A9**
- max pt. weight: **125kg**
- mounting height: **8mm**
- weight: **107g**

10A90/T Socket Adapter, center hole Ø8.5mm -Titanium-

- with adjustment core
- max pt. weight: **175kg**
- mounting height: **8mm**
- weight: **50g**

10A95/T Socket Adapter, rotatable -Titanium-

- with adjustment core support
- raster rotation adjustment
- max pt. weight: **175kg**
- mounting height: 1**8mm**
- weight: **76g**

10A22/T Socket Adapter, rotatable -Titanium-

- with adjustment core support
- with M36 external thread
- max pt. weight: **175kg**
- mounting height: **13mm**
- weight: **53g**

10A94 Socket Adapter, rotatable center hole Ø8.5mm -Alum. / Titanium / Stainl. Steel-

- with adjustment core
- with M36 external thread
- max pt. weight: **175kg**
- mounting height: **5mm**
- weight: **38g**

16A3 Lamination Disc, round Ø64 mm -Aluminium-

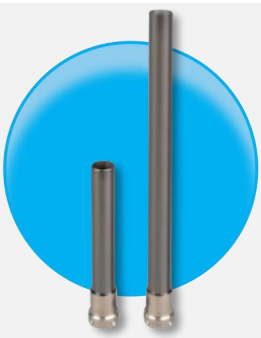
- for attachment to socket adapters or lock series 300
- with lamination dummy 22A13
- rotation secured
- max pt. weight: **150kg**
- mounting height: **9mm**
- weight: **45g**

10A50/T Double Adapter -Titanium-

- with adjustment core support on both sides
- max pt. weight: 125kg
- eff. height: **32 / 45 / 60 / 75mm**
- weight: **89 / 104 / 120 / 135 kg**

11A17/T Tube Clamp Adapter Ø30mm -Titanium-

- with adjustment core support
- max pt. weight: **175kg**
- mounting height: **14mm**
- total height: **47mm**
- weight: **82g**



15A4/T Tube Adapter Ø30mm -Titanium-

- with adjustment core support
- max pt. weight: **175kg**
  - Only for K1-3, 150kg for K1-4
- mounting height: **214 / 414mm**
- weight: **200 / 315g**

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

225kg Heavy Duty Components

11A250 Tube Clamp Adapter, Ø34mm -Titanium-

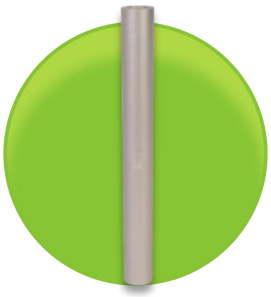
- adjustment core adapter **suitable for standard modular system**
- max patient weight: **225kg**
- eff. height: **16mm**
- total height: **55mm**
- weight: **131g**

11A225 Tube Clamp Adapter, Ø34mm -Titanium-

- adjustment core **exclusively suited for SACH foot adapter 16A7/M14** and **socket adapter 10A7/T**
- max patient weight: **225kg**
- eff. height: **21mm**
- total height: **55mm**
- weight: **167g**

10A7 Socket Adapter -Titanium-

- for **direct lamination**
- for **trans-tibial sockets**
- with **extra wide notch**
- with **adjustment core**
- max patient weight: **225kg**
- eff height: **23mm**
- weight: **213g**



28A3 Light Metal Alloy Tube, Ø34mm -Aluminium-

- max patient weight: **225kg**
- eff. height: **300mm**
- weight: **460g**
- suitable for adapters with tube support **Ø34mm**

S.A.C.H. Foot for Men up to 225 kg, with glued S.A.C.H. Foot Adapter

- heel height: 10 mm ± 2 mm
- with glued SACH Foot Adapter 16A7/M14
- carbon-frame with internal spring
- foot made of polyurethane
- heel is flat-convex
- flat forefoot for simple alignment

16A7/M14 S.A.C.H. Foot Adapter -Titanium-

- modular system oversize for 225 kg
- for adapter with large adjustment core
- complete with bolted connection
- steel screw with fine thread M14x1,5
- usage only in combination with screw adapter 11A225/T

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PROSTHETICS

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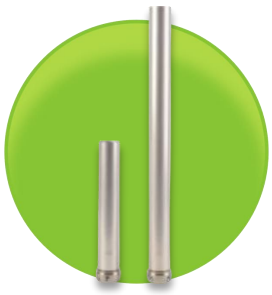
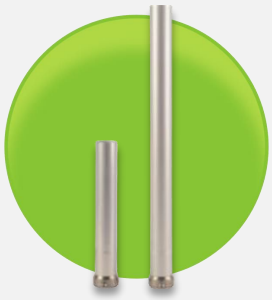
MOMENTUM HEALTH TECHNOLOGIES

Tube Adaptors / Pylons



150A3 Tube Adapter, Ø34mm -Stainless Steel-

- max patient weight: **150kg**
- eff. height: **215 / 415mm**
- weight: **280 / 395g**
- with adjustment core support



150A4 Tube Adapter, Ø34mm -Titanium-

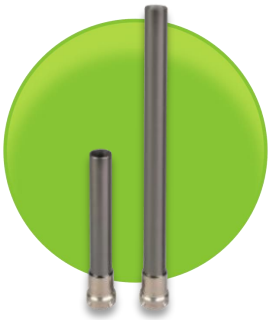
- max patient weight: **150kg**
- eff. height: **215 / 415mm**
- weight: **215 / 330g**
- with adjustment core support

15A2 Tube Adapter, Ø30mm -Aluminium-

- max patient weight: **100kg**
- eff. height: **214 / 414mm**
- weight: **175 / 290g**
- with adjustment core support

15A3 Tube Adapter, Ø30mm -Stainless Steel-

- max patient weight: **125kg**
- eff. height: **215 / 415mm**
- weight: **245 / 360g**
- with adjustment core support

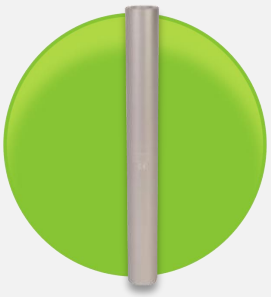


15A4 Tube Adaptor, Ø30mm -Titanium-

- max patient weight: **175kg**
- eff. height: **214 / 414mm**
- weight: **200 / 315g**
- with adjustment core support

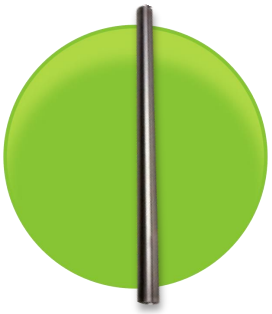
10A100 Vario Test Tube, Ø30mm -Aluminium-

- use **only during trial runs**
- allows **continual height adjustment**
- max patient weight: **125kg**
- adjustable height: **65mm**
- weight: **134g**



28A3 Light Metal Alloy Tube, Ø34mm -Aluminium-

- max patient weight: **225kg**
- eff. height: **300mm**
- weight: **460g**
- suitable for adapters with tube support **Ø34mm**



28A2 Light Metal Alloy Tube, Ø30mm -Aluminium-

- max patient weight: **100kg**
- eff. height: **500mm**
- weight: **250g**
- suitable for adapters with tube support **Ø30mm**

15A5 Tube Adapter, short Ø30mm

-Alum. / Titanium / Stainl. Steel-

- for **high loads**
- for **very short TT prostheses**
- max patient weight: **100 / 125 / 150kg**
- eff. height: **min 57mm, max 100mm**
- weight: **130 / 145 / 240g**
- with adjustment core support

11A13 Tube Adapter, rotatable Ø34mm

-Alum. / Titanium / Stainl. Steel-

- for **rotation adjustment**
- for **max length adjustment of 7mm**
- max patient weight: **100 / 125 / 150kg**
- eff. height: **46mm**
- weight: **70 / 77 / 120g**
- with adjustment core support

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Tube Clamp Adapters

11A250 Tube Clamp Adapter, Ø34mm -Titanium-

- adjustment core adapter **suitable for standard modular system**
- max patient weight: **225kg**
- eff. height: **16mm**
- total height: **55mm**
- weight: **131g**

11A225 Tube Clamp Adapter, Ø34mm -Titanium-

- adjustment core **exclusively suited for SACH foot adapter 16A7/M14** and **socket adapter 10A7/T**
- max patient weight: **225kg**
- eff. height: **21mm**
- total height: **55mm**
- weight: **167g**

11A125 Tube Clamp Adapter, Ø34mm -Titanium / Stainl. Steel-

- with adjustment core support
- max patient weight: **125kg**
- eff. height: **14mm**
- total height: **53mm**
- weight: **100 / 136g**

11A17 Tube Clamp Adapter, Ø30mm -Titanium / Stainl. Steel-

- with adjustment core support
- max patient weight: **175 / 125kg**
- eff. height: **14mm**
- total height: **47mm**
- weight: **82 / 135g**

15A4 Tube Clamp Adapter, Ø30mm

-Alum. / Titanium / Stainl. Steel-

- with adjustment core support
- max patient weight: **100 / 175 / 125kg**
- eff. height: **14mm**
- total height: **47mm**
- weight: **77 / 82 / 120g**

11A15 Tube Clamp Adapter, Ø30 mm

-Alum. / Titanium / Stainl. Steel-

- with adjustment core
- max patient weight: **100 / 100 / 125kg**
- eff. height: **6mm**
- total height: **55mm**
- weight: **70 / 78 / 125g**

11A12 Tube Clamp Adapter, 10° angle, Ø30 mm

-Alum. / Titanium / Stainl. Steel-

- with adjustment core support
- max patient weight: **75 /100 / 125kg**
- eff. height: **21mm**
- total height: **55mm**
- weight: **63 / 84 / 125g**

11A20 Tube Clamp Adapter, 20° angle, Ø30 mm

-Titanium-

- with adjustment core support
- max patient weight: **100kg**
- eff. height: **24mm**
- total height: **58mm**
- weight: **103g**

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Slide Adapters

10A41 Slide Adapter with Lamination Anchor

-Aluminium / Titanium-

- for **direct lamination** into transtibial prostheses with **long residual limbs;** for **connection with a prosthetic foot**
- for **additional translational adjustments**
- with **adjustment core support**
- adjustment range: **Aluminium +/- 9 mm, Titanium +/- 11mm**
- max patient weight: **75 / 100kg**
- eff. height: **49mm**
- weight: **135 / 213g**

10A42 Slide Adapter, Ø30mm -Aluminium / Titanium-

- for direct mount on tube adapter
- for **additional translational adjustment**
- with **adjustment core support**
- adjustment range: **Aluminium +/- 9 mm, Titanium +/- 11mm**
- max patient weight: **75 / 175*kg**

  ***175kg only for K1-3, 150kg for K1-4**
- eff. height: **39 / 35mm**
- total height: **72 / 68mm**
- weight: **150 / 185g**

100A42 Slide Adapter, Ø34mm -Titanium-

- for **direct mount on tube adapter**
- for **additional translational adjustment**
- with **adjustment core support**
- adjustment range: **+/- 11mm**
- max patient weight: **125kg**
- eff. height: **34mm**
- total height: **76mm**
- weight: **186g**

100A43/A Slide Adapter

-Aluminium-

- for **connection & angular changes between two adjustment cores**
- for **additional translational adjustment**
- with **adjustment core support on both sides**
- adjustment range: **+/- 9mm**
- max patient weight: **75kg**
- eff. height: **60 / 75mm**
- total height: **76mm**
- weight: **155 / 175g**

100A43/T Slide Adapter

-Titanium-

- for **connection & angular changes between two adjustment cores**
- for **additional translational adjustment**
- with **adjustment core support on both sides**
- adjustment range: **+/- 11mm**
- max patient weight: **100kg**
- eff. height: **60 / 75mm**
- weight: **214 / 224g**

10A45 Slide Adapter

-Aluminium / Titanium-

- for **connection & angular changes between two tube clamp adapters**
- for **additional translational adjustment**
- with **adjustment core support on both sides**
- adjustment range: **Aluminium +/- 9 mm, Titanium +/- 11mm**
- max patient weight: **75 / 100kg**
- eff. height: **36 / 22mm**
- weight: **158 / 150g**

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PROSTHETICS

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MOMENTUM HEALTH TECHNOLOGIES

Double Adapters

10A60 Double Adapter
-Aluminium-

- for **extension of a socket adapter with adjustment core**
- for **connection between two adjustment core adapters**
- with **adjustment cores on both sides**
- max patient weight: **100kg**
- eff. height: **15 / 23mm**
- weight:**78 / 92g**

11A14 Double Adapter,
-Alum. / Titanium / Stainl. Steel-

- for **extension of a socket adapter with adjustment core**
- with adjustment core and adjustment core adapter
- max patient weight: **100 / 125 / 150kg**
- eff. height: **36mm**
- weight: **88 / 96 / 156g**

100A50/T Double Adapter
-Titanium-

- for **connection between two adjustment cores**
- with **adjustment core support on both sides**
- **4 height variants** available
- max patient weight: **125kg**
- eff. height: **32 / 45 / 60 / 75mm**
- weight: **89 / 104 / 120 / 135g**

100A50/S Double Adapter
-Stainless Steel-

- for **connection between two adjustment cores**
- with **adjustment core support on both sides**
- **4 height variants** available
- max patient weight: **150kg**
- eff. height: **32 / 45 / 60 / 75mm**
- weight: **131 / 160 / 188 / 214g**

10A50/A Double Adapter
-Aluminium-

- for **connection between two adjustment cores**
- **10 height variants** available
- with **adjustment core support on both sides**
- max patient weight: **100kg**
- eff. height: **32 / 36 / 40 / 45 / 50 / 55 / 60 / 65 / 70 / 75mm**
- weight: **76 / 80 / 84 / 90 / 95 / 99 / 104 / 108 / 112 / 117g**

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PROSTHETICS

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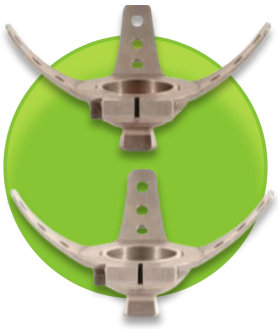
MOMENTUM HEALTH TECHNOLOGIES

Socket Adapters



10A1 Socket Adapter, rotatable, center hole Ø8.5mm

-Titanium-Steel / Stainless Steel-

- for **direct lamination**
- with **adjustment core**
- max patient weight: **100 / 125kg**
- eff. height: **13mm**
- weight: **147/170g**

*requires **lamination dummy 22A9**

10A2 Socket Adapter, rotatable

-Titanium-Steel / Stainless Steel-

- for **direct lamination**
- with **adjustment core support**
- max patient weight: **100 / 125kg**
- eff. height: **21mm**
- weight: **159/186g**

*requires **lamination dummy 22A9**

10A21 Socket Adapter, rotatable

-Stainless Steel-

- for **direct lamination**
- with **M36 inner thread**
- max patient weight: **125kg**
- mounting height: **8mm**
- weight: **107g**

*requires **lamination dummy 22A9**

10A5 Socket Adapter

-Stainless Steel-

- for **direct lamination**
- with **adjustment core**
- max patient weight: **150kg**
- eff. height: **12mm**
- weight: **118g**

10A7 Socket Adapter

-Titanium-

- for **direct lamination**
- for **trans-tibial sockets**
- with **extra wide notch**
- with **adjustment core**
- max patient weight: **225kg**
- eff height: **23mm**
- weight: **213g**

10A8 Socket Adapter, 4-Arm -Stainless Steel-

- for **direct lamination**
- also suitable for **direct connections to check sockets**
- with **adjustment core**
- max patient weight: **150kg**
- eff. height: **23mm**
- weight: **180g**

*requires **lamination dummy 22A9**

10A9 Socket Adapter, 4-Arm -Stainless Steel-

- for **direct lamination**
- also suitable for **direct connections to check sockets**
- with **adjustment core support**
- max patient weight: **150kg**
- eff. height: **28mm**
- weight: **170g**

*requires **lamination dummy 22A9**

10A25 Socket Adapter, 4-Arm -Stainless Steel-

- for **direct lamination**
- also suitable for **direct connections to check sockets**
- with **M36 inner thread**
- max patient weight: **150kg**
- eff. height: **15mm**
- weight: **90g**

*requires **lamination dummy 22A9**

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Socket Adapters

10A3 Socket Adapter, center hole Ø8.5mm

-Alum. / Titanium / Stainl. Steel-

- for **direct lamination into below-knee sockets**
- with **wide groove**
- with **adjustment core**
- max patient weight: **100 / 175 / 100kg**
- installation height: **14mm**
- weight: **57 / 69 / 100g**

10A6 Socket Adapter,

-Alum. / Titanium / Stainl. Steel-

- for **direct laminations into AK and BK sockets**
- with **wide groove**
- with **adjustment core support**
- max patient weight: **100kg**
- eff. height: **24mm**
- weight: **58 / 85 / 140g**

10A23 Socket Adapter, rotatable, M36 outer thread, center hole Ø8.5mm

-Titanium / Stainl. Steel-

- for **combination w/ M36 thread**
- with **adjustment core**
- max patient weight: **175 / 125kg**
- mounting height: **5mm**
- weight: **38 / 63g**

10A22 Socket Adapter, rotatable, M36 outer thread

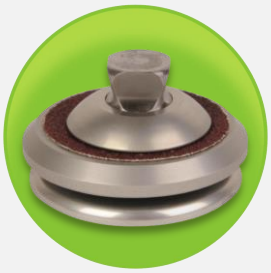
-Titanium / Stainl. Steel-

- for **combination w/ M36 thread**
- with **adjustment core support**
- max patient weight: **175 / 150kg**
- eff. height: **13mm**
- weight: **53 / 77g**

10A24 Socket Adapter, rotatable, M36 outer thread

-Stainless Steel-

- for **combination w/ M36 thread**
- with **adjustment core**
- max patient weight: **150kg**
- eff. height: 8**mm**
- weight: **89g**



10A44 Socket Adapter, slideable -Aluminium-

- for **both AK and BK** sockets
- for **quick interim sockets**
- with **adjustment core**
- max. **10mm offset**
- max patient weight: **100kg**
- eff. height: **14mm**
- weight: **163g**

10A16 Rotation Adapter

-Stainless Steel-

- max patient weight: **125kg***
- eff. height: **25mm**
- weight: **193g**
- rotation: **360°**
- guarantees **permanent backlash-freedom**
- rotating of the lower leg is **possible in flexion and extension**
- **automatically re-locks** into place
- **proximal adjustment core** and **distal adjustment core support**

***not approved for use in hip disarticulation prostheses**

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PROSTHETICS

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MOMENTUM HEALTH TECHNOLOGIES

Rotatable Socket Adapters

10A90 Socket Adapter, center hole Ø8.5mm

-Alum. / Titanium / Stainl. Steel-

- with **adjustment core**
- max pt. weight: **100 / 175 / 150kg**
- mounting height: **8mm**
- weight: **70 / 50 / 87g**

10A90TF Socket Adapter, center hole Ø8.5mm

-Alum. / Titanium / Stainl. Steel-

- with **adjustment core**
- max pt. weight: **100kg**
- mounting height: **8mm**
- weight: **48g**

10A92 Socket Adapter,

-Alum. / Titanium / Stainl. Steel-

- with **adjustment core support**
- max pt. weight: **100 / 100 / 125kg**
- eff. height: **16mm**
- weight: **44 / 65 / 106g**

10A89 Socket Adapter, eccentric center hole Ø8.5mm

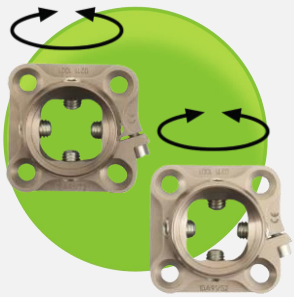
-Titanium / Stainless Steel-

- with **adjustment core support**
- with **7mm axial offset**
- max pt. weight: **100kg**
- eff. height: **16mm**
- weight: **78 / 118g**

10A93 Socket Adapter, diagonally offset center hole Ø8.5mm

-Alum. / Titanium / Stainl. Steel-

- with **adjustment core**
- with **5mm diagonal offset**
- max pt. weight: **75 / 100 / 125kg**
- eff. height: **8mm**
- weight: **50 / 62 / 102g**



10A91/2 Socket Adapter, rotatable

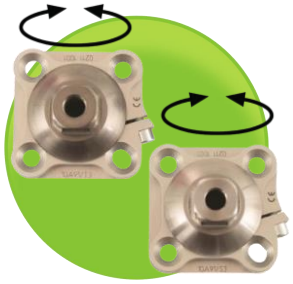
-Alum./Titanium / Alum./Steel-

- with **adjustment core support**
- with **continuous rotation adjust**
- max pt. weight: **100kg**
- eff. height: **22mm**
- weight: **77 / 106g**

10A94 Socket Adapter, eccentric center hole Ø8.5mm

-Alum. / Titanium / Stainl. Steel-

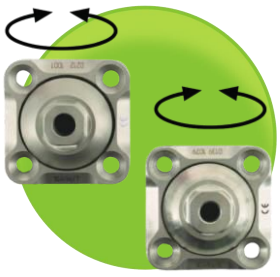
- **7mm axial offset**
- max pt. weight: **75 / 100 / 125kg**
- eff. height: **8mm**
- weight: **50 / 58 / 100g**



10A91/3 Socket Adapter, rotatable center hole Ø8.5mm

-Alum./Titanium / Alum./Steel-

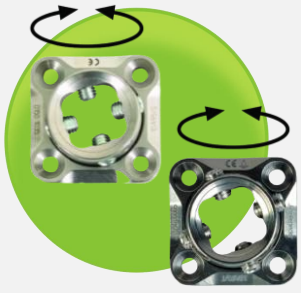
- with **adjustment core**
- with **continuous rotation adjust**
- max pt. weight: **100kg**
- eff. height: **12mm**
- weight: **65 / 90g**



10A96 Socket Adapter, rotatable center hole Ø8.5mm

-Titanium / Stainless Steel-

- with **adjustment core**
- with **raster rotation adjust**
- max pt. weight: **100 / 125kg**
- eff. height: **10mm**
- weight: **82 / 132g**



10A95 Socket Adapter, rotatable

-Titanium / Stainless Steel-

- with **adjustment core support**
- with **raster rotation adjust**
- max pt. weight: **175 / 125kg**
- mounting height: **18mm**
- weight: **82 / 132g**

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Adjustment Plates & Attachment Blocks

10A30/A Sliding Plate
-Titanium-

- **use only during test runs** within the orthopaedic workshop
- application into the final prosthesis is not permitted
- the sliding plate features M6 threaded holes to connect socket adapters by screws
- the thread holes allow an **offset position of 9, 18, 27 or 36 mm**
- offset position is possible in **lateral, medial, anterior or posterior** direction
- max pt. weight: **100kg**
- eff. height: **8mm**
- weight: **162g**

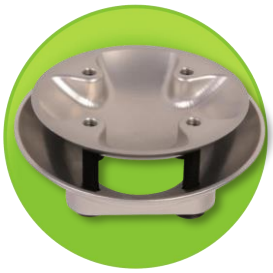
Socket Attachment block

- With **poplar wood**
- 4 countersink head bolts 22A5/M6x20
- **incl. lamination dummy 12A3/E2** and sealing grease 22A100
- with plastic for optimal sanding
- for **better connection with laminate**
- for **easier sanding**
- max pt. weight: **125kg**

12A5	12A3	12A7
• Ø **148mm**	• Ø **120mm**	• Ø **107mm**
• height: **65mm**	• eff. height: **65mm**	• eff. height: **33mm**

10A40/A Adjusting Device for Modular Prostheses
-Aluminium-

- **use only during test runs** within the orthopaedic workshop
- serves as an **adjustment aid** during fittings
- slide possibility in **sagittal** and **frontal** level
- adjustment range: **+/- 25mm** with calibration
- max pt. weight: **100kg**
- eff. height: **8mm**
- weight: **162g**



12A1 Socket Attachment Block
-Aluminium-

- for thermoplastic socket
- for AK and BK sockets
- quick interim socket
- incl. countersink screws M6x30
- 3 Size options available
- DS = distal stump-circumference
- Max pt. weight: **100kg**

12A1/1	12A1/2	12A1/3
• DS **400mm**	• DS **320mm**	• DS **250mm**
• eff. height: **25mm**	• eff. height: **20mm**	• eff. height: **20mm**

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Pin-Lock Suspension

10S1 Clutch-Lock

- no body weight restriction because the lock is not a weight bearing component
- Suitable for K1-4 (geared pin)
- mounting height: approx. **23mm**
- weight: **60g**
- suitable for thermoplastic and laminated sockets
- plastic housing is temperature resistant up to 200 °C
- The high-strength, glass-fibre reinforced plastic of the clutch lock can be removed from the thermoformed socket and also used for laminated sockets. Due to the dimensional stability, the lock is absolutely resistant to external influences such as temperature fluctuations or humidity. In combination with a 12A3, 12A5 or 12A7 Socket Attachment Block, the deviation from the socket gradient and plumb line can be easily corrected.
- "EasyClick" system: optimised pull-in and release mechanism
- Left-hand thread for increased safety
- very flat construction
- very light
- locking unit completely exchangeable
- with lamination dummy 10S1/E6L
- incl. special sealing grease 22A100.

15S4 Vacuum Clutch Lock -Aluminium-

- no body weight restriction because the lock is not a weight bearing component
- extremely good adhesion of the residual limb in the prosthesis
- precisely adjustable vacuum by simple use of the press button
- valve unit 10S4/L completely exchangeable
- with lamination dummy 10S1/E6L
- quickly convertible into pin system
- effective height: approx. **23mm**
- weight: **70g**

Push Button Extensions (order separately)

10S1/45

- material: **plastic**
- length: **45mm**
- diameter: **21mm**

10S1/50

- material: **aluminium**
- length: **50mm**
- diameter: **13mm**

10S1/70

- material: **aluminium**
- length: **70mm**
- diameter: **16mm**

10S1/85

- material: **aluminium**
- length: **85mm**
- diameter: **16mm**

Patient Key 10S1/E4

- material: **stainless steel**
- for adjustment of a clutch-lock locking unit

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PROSTHETICS

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MOMENTUM HEALTH TECHNOLOGIES

Pin-Lock Suspension

Lock Series 100

- no body weight restriction because the lock is not a weight bearing component
- K1-4 for 10S1 & 10S2 (geared & rastered pin)
- K1-3 for 10S3 (smooth pin)
- mounting height: approx. **23mm**
- weight: **10S1: 58g**, **10S2: 56g**, **10S3: 60g**
- suitable for **laminated sockets**
- plastic housing is temperature resistant up to 200 °C
- the locks of the series 100 distinguish themselves by a very small construction and a shock-resistant plastic housing. Inserted into an AK or BK socket with common lamination techniques, they serve as liner locks. In connection with a Socket Attachment Block 12A3, 12A5 or 12A7 you can easily correct the deviation of the socket gradient and the plumb line.

- very flat construction
- very light
- twist-proof pin guide made of stainless steel
- locking unit completely exchangeable
- with lamination dummy
- incl. special sealing grease 22A100

Lock Series 150

- no body weight restriction because the lock is not a weight bearing component
- K1-4 for 15S1 & 15S2 (geared & rastered pin)
- K1-3 for 15S3 (smooth pin)
- mounting height: approx. **23mm**
- weight: **15S1: 95g**, **15S2: 90g**, **15S3: 85g**
- suitable for **thermoplastic and laminated sockets**
- aluminium housing
- The lock series 150 is characterised by its very small design and a high-strength aluminium housing. The aluminium housing can be removed from the deep-drawing socket and used for the laminating socket. Processing is carried out using common deep-drawing or laminating methods. In conjunction with a 12A3, 12A5 or 12A7 Socket Attachment Block, the deviation of the socket gradient and plumb line can be easily corrected.

- "EasyClick" system: optimised pull-in and release mechanism
- very flat construction
- twist-proof pin guide made of stainless steel
- locking unit completely exchangeable
- with lamination dummy
- incl. special sealing grease 22A100

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PROSTHETICS

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MOMENTUM HEALTH TECHNOLOGIES

Pin-Lock Suspension

Lock Series 200

- max pt. weight: **125kg**
- K1-4 for 20S1 & 20S2 (geared & rastered pin)
- K1-3 for 20S3 (smooth pin)
- mounting height: approx. **30mm**
- weight: **20S1: 198g**, **20S2: 172g**, **20S3: 178g**
- suitable for **thermoplastic and laminated sockets**
- aluminium housing
- for the modular construction of prostheses, the flat locking systems of the series 200 offer a variety of combination possibilities.

- "EasyClick" system: optimised pull-in and release mechanism
- light, flat construction
- Non-rotating lamination disc with multiform ring
- continuous guide bushing made of stainless steel

- with Lamination Disc **20S1/E5**
- distally with channel for planar connection of all socket adapters with 4-hole connection
- easy cleaning and replacing of complete locking unit is possible without dismantling the prostheses

Lock Series 300

- max pt. weight: **125kg**
- K1-4 for 30S1 & 30S2 (geared & rastered pin)
- K1-3 for 15S3 (smooth pin)
- mounting height: approx. **30mm,** 33mm with hopper
- weight: **30S1: 77g**, **30S2: 82g**, **30S3: 80g**
- suitable for **thermoplastic and laminated sockets**
- plastic housing is temperature resistant up to 200 °C
- the new weight-optimised lock series 300 made of wear-resistant plastic is very suitable for direct lamination or for complete exchange, if you utilise a lamination dummy 30S1/D56 - 30S1/D76. You can attach different lamination discs and socket adapters with 6 screws in the distal end of the socket.

- "EasyClick" system: optimised pull-in and release mechanism
- Lightweight, weight-optimised construction made of plastic
- multifunctionally applicable
- continuous guide bushing, rotation secured, made of stainless steel

- locking unit completely exchangeable
- easy cleaning and replacing of complete locking unit is possible without dismantling the prostheses
- incl. hopper Ø 66 mm
- incl. special sealing grease 22A100

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PROSTHETICS

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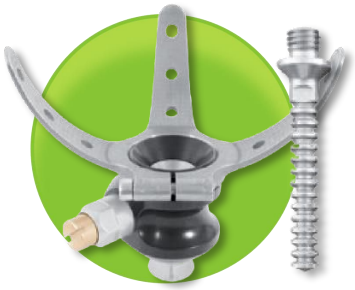
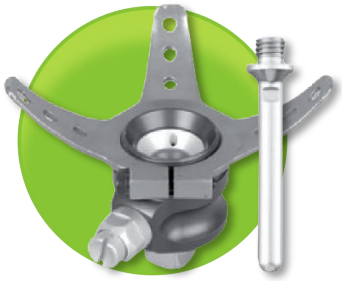
MOMENTUM HEALTH TECHNOLOGIES

Pin-Lock Suspension





Lock Series 400

- max pt. weight: **125kg**
- K1-4 for 40S1 & 40S2 (geared & rastered pin)
- K1-3 for 40S3 (smooth pin)
- mounting height: approx. **33mm**
- weight: **40S1: g, 40S2: g, 40S3: g**
- suitable for **thermoplastic and laminated sockets**
- aluminium housing
- due to the large socket adapter, series 400 is especially suitable for AK- and BK-residual limbs with very large distal circumference. The housing, made of a high quality aluminium alloy, is distally fitted with an adjustment core for a compact construction.
- "EasyClick" system: optimised pull-in and release mechanism
- with socket adapter 10A21/S for laminating into the socket
- with lamination dummy 22A9
- with distal adjustment core
- easy cleaning and replacing of complete locking unit
- incl. special sealing grease 22A100

Lock Series 500

- max pt. weight: **125kg**
- K1-4 for 50S1 & 50S2 (geared & rastered pin)
- K1-3 for 15S3 (smooth pin)
- mounting height: approx. **37mm**
- weight: **50S1: 170g, 50S2: 162g, 50S3: 160g**
- suitable for **thermoplastic and laminated sockets**
- aluminium housing
- The advantage of the lock series 500 is the time-saving manufacturing of thermoplastic sockets. Through the simple construction the housing will be completely enclosed by the socket material. The integrated cutting protection allows a fast and safe uncovering of the adjustment core.
- "EasyClick" system: optimised pull-in and release mechanism
- housing with pull-in channel
- continuous guide bushing made of stainless steel
- easy cleaning and replacing of complete locking unit is possible without dismantling the prostheses
- incl. special sealing grease 22A100

Ask Momentum about Streifeneder pin-lock suspension today!

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Locking System Adapters

16A10 Mini Lamination Disc Ø47mm -Titanium-

- accessory
- with adjustment core
- rotation secured, for direct lamination
- with 6 mounting screws 22A4/29x95 for attachment to the lock series 300
- max pt. weight: **75kg**
- eff. height: **6mm**
- weight: **47g**

16A10 Lamination Anchor 4-prong -Titanium-

- accessory
- with adjustment core
- with 6 mounting screws 22A4/29x95 for attachment to the lock series 300
- max pt. weight: **75kg**
- eff. height: **6mm**
- weight: **52g**

16A3 Lamination Disc, round Ø64mm -Aluminium-

- accessory
- with lamination dummy 22A13 for sealing
- rotation secured
- for direct lamination please use countersink screws 22A6/M6x14
- with 4 countersink screws 22A5/M6x14 (zinc-plated) for attaching of socket adapters
- and 6 mounting screws 22A4/29x95 for attachment to the lock series 300
- max pt. weight: **150kg**
- mounting height: **9mm**
- weight: **45g**

16A5 Lamination Disc, square [ ]52mm -Aluminium-

- accessory
- with lamination dummy 22A13 for sealing
- rotation secured
- for direct lamination please use countersink screws 22A6/M6x14
- with 4 countersink screws 22A5/M6x14 (zinc-plated) for attaching of socket adapters
- and 6 mounting screws 22A4/29x95 for attachment to the lock series 300
- max pt. weight: **150kg**
- mounting height: **9mm**
- weight: **32g**

22A13 Lamination Dummy

- replacement part
- for lamination disc 16A3 and 16A5
- for optimal sealing of the holes and threads without plasticine
- simple and safe handling

20S1/E5 Lamination Disc for Series 200

- replacement part for 20S1, 20S2 and 20S3
- with lamination dummy 20S1/E51
- with 4 socket cap screws 22A2/M6x8
- diameter: **64mm**

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PROSTHETICS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Vacuum Suspension

6P50 Below-Knee Exhaust Valve Active.valve -Aluminium-

- suitable for **thermoplastic and laminated BK-sockets**
- secures the prosthesis in the socket by vacuum
- pressure equalization by means of large push button
- very light weight, low construction height and simple mounting
- fully assembled upon delivery
- only in connection with knee sleeve ContexGel.Knee Sleeve
- suitable only for silicone- or polymer-gel-liners without distal connection
- including laminating dummy

6P20/T Above-Knee Screw Valve for deep-drawing socket -Aluminium-

- for **AK-sockets**
- only suitable for **thermoplastics**
- due to a specially designed thread a quick and easy fastening and loosening of the valve body is guaranteed
- laterally fixable lever via elastomer
- easy to handle because of a large surface of the push button
- incl. deep-drawing dummy

6P22

*Requires 2 two-hole keys 6P22 for tightening the upper and lower screw ring

6P50 Below-Knee Exhaust Valve Active.valve -Aluminium-

- for **AK-sockets**
- only suitable for **laminations**
- due to a specially designed thread a quick and easy fastening and loosening of the valve body is guaranteed
- laterally fixable lever via elastomer
- easy to handle because of a large surface of the push button
- incl. lamination dummy

30S4 Vacuum Lock

- effective height: 25 mm
- offers a high level of safety and comfort
- special muffler reduces noise
- suitable for thermoplastic and laminated sockets
- heat resistant plastic up to 200 °C
- no elongation in the socket
- exactly adjustable regulation of the valve
- incl. lamination dummy 30S4/E6 and o-ring set 30S4/E9

- max pt. weight: 150kg
- eff. height: **25mm**
- weight: **75g**

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MOMENTUM
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LINERS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Prosthetic Silicone Liners

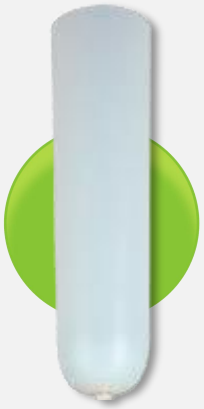
ClassicSil.basic

"allrounder" Liner made of 3 mm firm silicone

Designated use
- excellent for standard prosthetic care
- for residual limbs, medium pressure-sensitive, with sufficient soft tissue coverage

Characteristics
- optimal comfort and shock absorption
- integrated 10 cm distal outer matrix, reducing the distal elongation
- vertical stripe in front for easier donning
- distal rotation control supports guidance of the leg prosthesis

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available

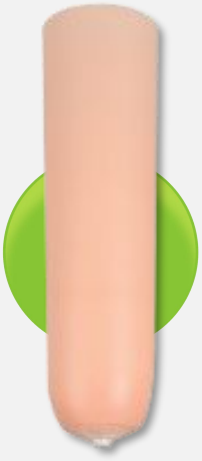


ClearSil.basic

Silicone Liner, without internal matrix, with and without distal connection

Designated use
- well-suited for short residual limbs
- interim prostheses and early applications

Characteristics
- distally very elastic
- due to the high stability, very suitable for medium active wearers of prostheses compresses the stump



DuoSil.basic

Two-layer silicone liner with 10cm internal matrix, with distal connection

Designated use
- suitable for medium active patients
- suitable for difficult stump conditions

Characteristics
- two-layer silicone liner with very soft internal silicone layer for high wearing comfort and optimal damping
- harder silicone layer on the outside gives the liner stability and tear resistance
- 10 cm inner matrix reduces axial expansion with distal connection

PrimoSil.basic

Liner made of 3mm especially soft silicone

Designated use
- suitable for interim/early applications, for moderate to medium active users
- well-suited for difficult stump conditions

Characteristics
- 3 mm very soft silicone for optimal comfort and shock absorption
- integrated 10 cm distal outer matrix, reducing the distal elongation
- distal rotation control supports guidance of the leg prosthesis

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available

ComfortSil.basic

Liner made of 3 mm especially soft silicone

Designated use
- excellent for geriatric basic prosthetic care
- suitable for pressure-sensitive stumps

Characteristics
- optimal comfort and shock absorption
- integrated 10 cm distal outer matrix, reducing the distal elongation
- vertical stripe in front for easier donning
- distal rotation control supports guidance of the leg prosthesis

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available

ComfortSil.soft

Liner made of 6 mm especially soft silicone

Designated use
- excellent for geriatric basic prosthetic care
- suitable for very pressure-sensitive stumps
- for bony stumps with low soft tissue coverage

Characteristics
- optimal comfort and shock absorption
- integrated 10 cm distal outer matrix, reducing the distal elongation
- vertical stripe in front for easier donning
- distal rotation control supports guidance of the leg prosthesis

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available

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LINERS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Prosthetic Silicone Liners

AK-Control.Sil

Above-Knee Liner made of 2mm medium firm silicone, with silicone stripes

Designated Use
- ideal for above-knee amputations
- voluminous below-knee amputations

Characteristics
- silicone anti-rotation stripe on the outer matrix to prevent twisting between liner and prosthetic socket
- distal rotation control supports guidance of the leg prosthesis
- very good radial expansion, adjusts to volume changes of the residual limb
- with distal connection for all Streifeneder pin types and lock systems

AK-Control.Sil no stripes

AK-Control.Sil liner with no silicone stripes

Designated Use
- ideal for above-knee amputations
- voluminous below-knee amputations

Characteristics
- distal rotation control supports guidance of the leg prosthesis
- very good radial expansion, adjusts to volume changes of the residual limb
- with distal connection for all Streifeneder pin types and lock systems

Control4Sil.basic

Above-Knee Sealing Lip Liner made of silicone, cylindrical shape

Designated use
- exclusively for vacuum socket technology
- ideal for above-knee amputations
- voluminous below-knee amputations

Characteristics
- 4 ring shaped sealing lips provide safe adhesion in a vacuum socket system
- gliding surface coating, for easier don/doff
- cylindrical liner shape
- easy to clean, therefore well suitable also for use in wet areas
- full length inner matrix prevents elongation and rolling of the liner to the outside

Control4Sil.conic

Above-Knee Sealing Lip Liner made of silicone, conical shape

Designated use
- exclusively for vacuum socket technology
- ideal for above-knee amputations
- voluminous below-knee amputations

Characteristics
- 4 ring shaped sealing lips provide safe adhesion in a vacuum socket system
- gliding surface coating, for easier don/doff
- conical liner shape
- easy to clean, therefore well suitable also for use in wet areas
- full length inner matrix prevents elongation and rolling of the liner to the outside

ClearSil.compression

Post surgical compression liner without internal matrix and without distal connection

Designated Use
- targeted stump compression after leg amputation
- early accommodation to silicone liner use
- early forming of the stump

Characteristics
- bandaging not necessary, therefore no restriction due to wrong bandaging
- enhances blood circulation and reduces edema accumulation

Sterione Quality Seal

To improve the hygienic conditions for liner wearers, some Streifeneder liners use special additives such as **Sterione** which produce an aseptic surface. This **patented technology** grants that the treated liner material **permanently inhibits infestation of bacteria and micro-organisms**.

The liners sold by Streifeneder have been awarded a quality seal and are approved as “antibacterial”. The symbol shown above indicates the use of Sterione for antibacterial effect. This effect has been approved by multiple independent testing institutes.

The quality seal grants:
- **Effectiveness period of at least five years**
- **Elimination of 5 million germs per hour and square-centimeter**

The application of Sterione effectively prevents:
- bacteria growth (e.g. pneumococco-bacilli and multi-resistant micro-organisms such as MRSA), Staphylococcus areus and Escherichia coli

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LINERS

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MOMENTUM HEALTH TECHNOLOGIES

SkinCare Silicone Liners

SkinCareSil.basic

Silicone liner made of 3mm especially soft silicone with aloe vera additive

Designated Use

- Especially for the care of pressure-sensitive residual limbs with skin and vascular diseases
- Very well suited as initial or geriatric care for low-active users

Characteristics

- Made of 3mm especially soft silicone
- Skin-caring properties due to aloe vera additive in the silicone
- Optimal wearing comfort and damping
- One-piece knitted textile cover for easily rolling the liner up or down with knitted-in 10 cm outer matrix, reduces distal lift
- High transverse elasticity - also in the distal area
- Coloured knitted vertical stripe at the front for better orientation when donning
- Distal rotation control supports guidance of prosthesis
- Available with distal connections and rotation control for all Streifeneder pin types and locking systems
- Available without distal connection, but with rotation control for vacuum socket-technology
- Abrasion proof one-piece knitted cover made of polyamide / elastane
- Distal silicone-rotation control

SkinCareSil.soft

Silicone liner made of 6mm especially soft silicone with aloe vera additive

Designated Use

- Especially for the care of pressure-sensitive residual limbs with skin and vascular diseases
- Very well suited as initial or geriatric care for low-active users
- For bony residual limbs with low soft tissue coverage

Characteristics

- Made of 6mm especially soft silicone
- Skin-caring properties due to aloe vera additive in the silicone
- Optimal wearing comfort and damping
- One-piece knitted textile cover for easily rolling the liner up or down with knitted-in 10 cm outer matrix, reduces distal lift
- High transverse elasticity - also in the distal area
- Coloured knitted vertical stripe at the front for better orientation when donning
- Distal rotation control supports guidance of prosthesis
- Available with distal connections and rotation control for all Streifeneder pin types and locking systems
- Available without distal connection, but with rotation control for vacuum socket-technology
- Abrasion proof one-piece knitted cover made of polyamide / elastane
- Distal silicone-rotation control

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LINERS

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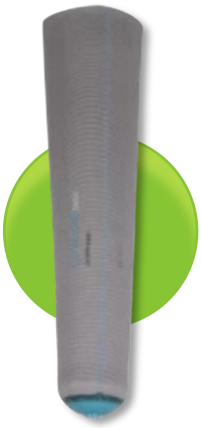
MOMENTUM HEALTH TECHNOLOGIES

Prosthetic Gel Liners



ContexGel.basic

3 mm uniform liner made of soft ContexGel

Designated Use
- below and above-knee amputations
- suitable for substitution of soft stump tissue
- for bony, pressure sensitive & difficult stumps

Characteristics
- thermoplastic mouldable at 60 °C
- great comfort & shock absorption in entire stump
- circular elongation adjusts to volume changes

- available with distal connection for all Streify pin & lock systems, and
- vacuum socket liner variant (without pin) available

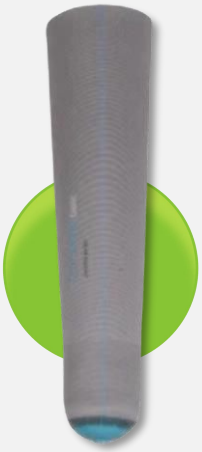
ContexGel.basic matrix

3 mm ContexGel liner with integrated outer matrix

Designated Use
- below and above-knee amputations
- suitable for substitution of soft stump tissue
- for bony, pressure sensitive & difficult stumps

Characteristics
- thermoplastic mouldable at 60 °C
- distal outer matrix to reduce elongation
- great comfort & shock absorption in entire stump
- circular elongation adjusts to volume changes

- available with distal connection for all Streify pin & lock systems



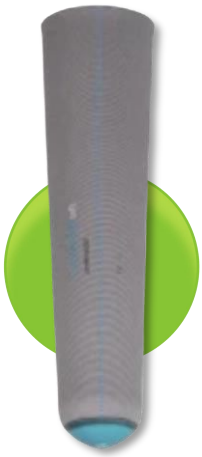
ContexGel.soft

ContexGel liner with 6mm ant & 3mm post wall

Designated use
- suitable to substitute soft tissue at the tibia edge front and the residual leg end
- suitable for difficult below knee stump conditions

Characteristics
- thermoplastic mouldable at 60 °C
- good shock absorption in the front stump area
- 10 cm inner matrix reduces axial expansion
- circular elongation adjusts to volume changes
- thinner material in the back distal area makes bending the knee in the prosthetic socket easier

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available



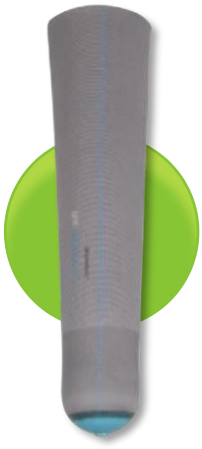
ContexGel.soft matrix

ContexGel.soft liner with outer matrix

Designated use
- suitable to substitute soft tissue at the tibia edge front and the residual leg end
- suitable for difficult below knee stump conditions

Characteristics
- thermoplastic mouldable at 60 °C
- good shock absorption in the front stump area
- integrated outer matrix reduces axial expansion
- circular elongation adjusts to volume changes
- thinner material in the back distal area makes bending the knee in the prosthetic socket easier

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available



ContexGel.soft +

ContexGel liner with 9mm ant & 3mm post wall

Designated use
- suitable to substitute soft tissue at the tibia edge front and the residual leg end
- suitable for bony, pressure sensitive, & difficult below knee stump conditions

Characteristics
- thermoplastic mouldable at 60 °C
- good shock absorption in the front stump area
- 10 cm inner matrix reduces axial expansion
- circular elongation adjusts to volume changes
- thinner material in the back distal area makes bending the knee in the prosthetic socket easier

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available

ContexGel.soft + matrix

ContexGel.soft+ liner with outer matrix

Designated use
- suitable to substitute soft tissue at the tibia edge front and the residual leg end
- suitable for bony, pressure sensitive, & difficult below knee stump conditions

Characteristics
- thermoplastic mouldable at 60 °C
- good shock absorption in the front stump area
- integrated outer matrix reduces axial expansion
- circular elongation adjusts to volume changes
- thinner material in the back distal area makes bending the knee in the prosthetic socket easier

- available with distal connection and rotation control for all Streifeneder pin types and lock systems
- vacuum socket liner variant (without pin) available

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LINERS

Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Liner Selection Guide

	ClearSil. compression	ClearSil.basic	DuoSil.basic	SkinCareSil.basic SkinCareSil.soft	PrimoSil.basic ComfortSil.basic ComfortSil.soft
Walky-System					
Pear-shaped BK stump (trans-tibial)	XXX	XX	X	XX	X
	postsurgical			3 mm basic	3 mm basic
Normal cylindrical, BK stump (trans-tibial)	XXX	XX	XX	XXX	XXX
	postsurgical			3 mm basic	3 mm basic
Bony conical BK stump (trans-tibial)		X	X	XXX	XXX
				6 mm soft	6 mm soft
Cylindrical AK-stump (trans-femoral)	XXX				
	postsurgical				
Conical AK-stump (trans-femoral)	XXX				
	postsurgical				

XXX = optimal XX = good X = suitable

How to choose the right liner

Finding your size in silicone liners

Measure the distal circumference approx. 4 cm above the end of the residual limb and select the liner in the same size (if this is the first time you are using the product) or one size smaller (by follow-up prosthetic care).

Finding your size in gel liners

Measure the distal circumference approx. 4 cm above the end of the residual limb and select the ContexGel liner size in the range of the distal and proximal residual limb circumference (measured 30 cm above the distal end of the residual limb).

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LINERS

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MOMENTUM HEALTH TECHNOLOGIES

Liner Selection Guide

	ClassicSil.basic	AKControl.Sil	Control4Sil.basic	Control4Sil.conic	ContexGel.basic ContexGel.soft ContexGel.soft+
Walky-System					
Pear-shaped BK stump (trans-tibial)	X 3 mm basic	X			XX
Normal cylindrical, BK stump (trans-tibial)	XXX 3 mm basic	XX for large BK-stumps			XXX
Bony conical BK stump (trans-tibial)					XXX
Cylindrical AK-stump (trans-femoral)		XXX	XXX		XXX use 3 mm version only
Conical AK-stump (trans-femoral)		X		XXX	XXX use 3 mm version only

XXX = optimal XX = good X = suitable

How to choose the right liner

Finding your size in silicone liners

Measure the distal circumference approx. 4 cm above the end of the residual limb and select the liner in the same size (if this is the first time you are using the product) or one size smaller (by follow-up prosthetic care).

Finding your size in gel liners

Measure the distal circumference approx. 4 cm above the end of the residual limb and select the ContexGel liner size in the range of the distal and proximal residual limb circumference (measured 30 cm above the distal end of the residual limb).

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LINERS

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MOMENTUM HEALTH TECHNOLOGIES

DAW Stump Sheaths

standard type,
conical universal shape

for knee disarticulation

DAW-Nylon-Sheath

Designated use

- the DAW nylon sheath is worn directly on the skin to keep the skin dry and to prevent irritation by reducing friction, which provides better adhesion between skin and prosthesis
- optimal compression of the tissue, therefore ideal support of blood reflux and stimulation of the capillary vessels

Characteristics

- the soft inner surface is comfortable on the skin
- the whipped seam of the cuff marks the outside
- the smooth outside facilitates getting into the prosthesis resp. makes it easier to put on additional sock

Material

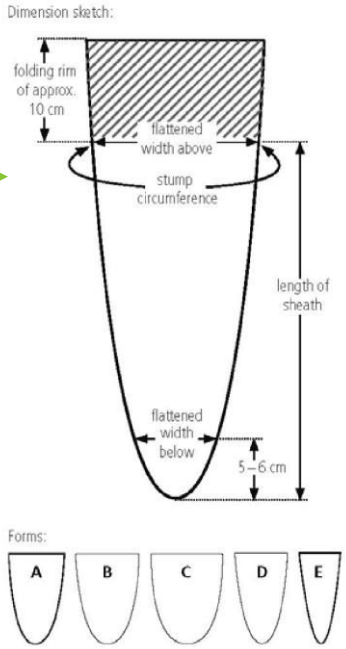
- 100 % PA (nylon), colour: white
- machine washable at 30 °C
- very fine, smooth and openly knitted quality
- the knitting technique prevents ladders

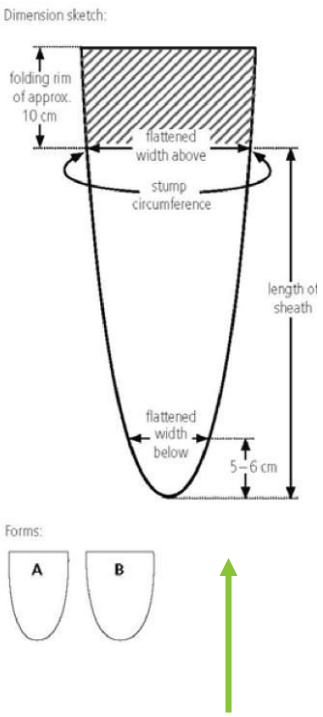
Size Guides

Standard type, conical universal shape

Form	Length in cm	Item-No.
A	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75	25A50/A..
B	25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80	25A50/B..
C	20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75	25A50/C..
D	20, 25, 30, 35, 40, 45, 50, 55, 60, 65	25A50/D..
E	20, 25, 30, 35, 40, 45, 50	25A50/E..

Form	Stump circ.*	Approx. width above x below sheath
A	40-50 cm	15 x 9 cm, 20 x 10 cm
B	50-60 cm	20 x 10 cm
C	more than 60 cm	25 x 17 cm
D	30-40 cm	15 x 9 cm
E	up to 30 cm	arm stump sock





For knee disarticulation

Form	Thigh circ.	Knee circ.	Length in cm	Item-No.
A	up to 50 cm	up to 35 cm	40, 45, 50, 55	25A51/A..
B	up to 60 cm	up to 35 cm	40, 45, 50, 55	25A51/B..

Ask Momentum about Streifeneder DAW Stump Sheaths today!

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LINERS

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MOMENTUM HEALTH TECHNOLOGIES

Application Aids

DAW-Slipper *Slip-on aid for above knee prostheses*

Designated Use
- slip-on aid for above knee prostheses (for suspension sockets)

Characteristics
- the smooth outside helps sliding into the AK prosthesis easier
- the loop of approx. 80 cm length helps pulling in and out through the valve opening
- very durable nylon quality with reinforced distal end
- original DAW product

Slide.fit *Slip-on aid for above knee prostheses*

Designated Use
- slip-on aid for above knee prostheses (for suspension sockets)

Characteristics
- the gliding material surface of the slip-on aid simplifies putting on the above-knee prosthesis
- long and stiffened sliding aid simplifies application through valve opening of the prosthetic socket
- due to the large grip-tongue, pulling out through the valve opening becomes more energy-saving
- contrast colour stitching for size identification

AK-Suspender *Above-Knee Prosthesis support*

Designated use
- fixes a prosthesis at the user's pelvis and prevents slipping of the prosthesis from the stump
- used to support AK suspension sockets, if sufficient vacuum cannot be achieved

Characteristics
- slip resistant, elastic neoprene at the inside of the leg section adheres to the socket
- stable, reinforced transversely elastic material in the pelvic / hip area optimally adjusts to the body shape
- individual adjustment options by two frontal hook- and loop fasteners
- machine washable at 30°C

BK-Suspender *Knitted Holding aid for Below-Knee Prostheses*

Designated use
- additional fixation of the BK-prosthesis at the leg; prevents slipping of the prosthesis on the residual limb
- supports and takes load off the knee joint capsule when wearing a short prosthesis

Characteristics
- high circular elasticity, nearly no elasticity in the vertical area
- anatomical, flectional shape

Ask Momentum about Streifeneder liner application aids today!

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LINERS

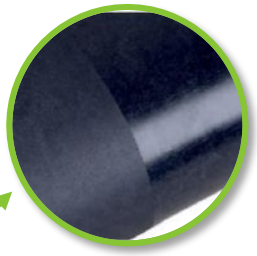
Streifeneder ortho production

MOMENTUM HEALTH TECHNOLOGIES

Knee Sleeves

ContexGel.Sleeve *ContexGel knee sleeve, 3 mm uniform, conical*

Designated use
- suitable for below-knee amputees as knee holding support or as sealing cap for vacuum
- smaller sizes are used as holding supports in arm prosthetics



Characteristics
- thermoplastic mouldable at 60 °C (140 °F)
- satinised knee area prevents tension sensations in the knee joint area
- minimisation of the elongation by outer matrix in the distal and proximal area
- excellent circular expansion adjusts to the socket- and user's anatomy
- product recommendation additionally for vacuum-socket technology (VST)

Material
- wall thickness: 3 mm uniform, conical shape
- soft ContexGel with medical white oil, antibacterially fitted
- abrasion proof one-piece knitted cover made of polyamide / elastane
- approx. 25 – 30 Shore 00
- colour: anthracite/mottled 30L10 / sand 30L50

Warranty
- 3 months

ContexGel.Protect *Protective Cover for ContexGel knee sleeve*

Designated use
- protective cover for sharp-edged prosthetic sockets

Characteristics
- expandable protective cover prevents premature tear of the ContexGel knee sleeves
- the protective cover is worn underneath the ContexGel knee sleeve
- the distal inner side is equipped with a silicone edge, which prevents slipping at the prosthetic socket
- additional adhering not necessary

Material
- durable and expandable functional fabric, made of polyurethane/polyamide/elastane
- colour: black

Steriоne Quality Seal

To improve the hygienic conditions for liner wearers, some Streifeneder liners use special additives such as **Sterione** which produce an aseptic surface. This **patented technology** grants that the treated liner material **permanently inhibits infestation of bacteria and micro-organisms**.

Ask Momentum about Streifeneder liner application aids today!

streifeneder.com Ph: 02 6210 0066 E: info@momentumht.com.au momentumht.com.au

Further Information / Contact

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