

# I - CATALOG

## COMPONENTS & MATERIALS



CURRENT VERSION: 20210303-EN-CATA-0010-PROTEOR  
12/03/2021



We are very excited to present our brand new I-Catalog. Updated in real time, make sure you have the latest version by downloading it from our website.

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Quickly access a category using the horizontal menu, then click on the desired product in the list.

When related products are linked, click on the eye  to go directly to the description.

At any time, when available, use the icons to download the IFU  or documentation  (login required).

If you have any questions, just click on the icon  to instantly send an e-mail to our customer service.

## PICTOGRAMS

### Activity level



**K 1**

- Has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence.
- Typical of the limited and unlimited household ambulator.



**K 2**

- Has the ability or potential for ambulation with the ability to traverse low level environmental barriers such as curbs, stairs or uneven surfaces.
- Typical of the limited community ambulator.



**K 3**

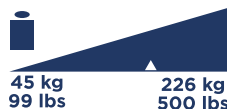
- Has the ability or potential for ambulation with variable cadence.
- Typical of the community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilization beyond simple locomotion.



**K 4**

- Has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress, or energy levels.
- Typical of the prosthetic demands of the child, active adult, or athlete.

### Maximum weight



Our products are tested as regards the in force standards NF. EN. ISO 10328 and NF. EN. ISO 22523 to withstand the user's weight and activity.

By maximum weight we mean the user's body weight plus the weight of the prosthesis and any load carried by the user.

### Water resistance



Weatherproof



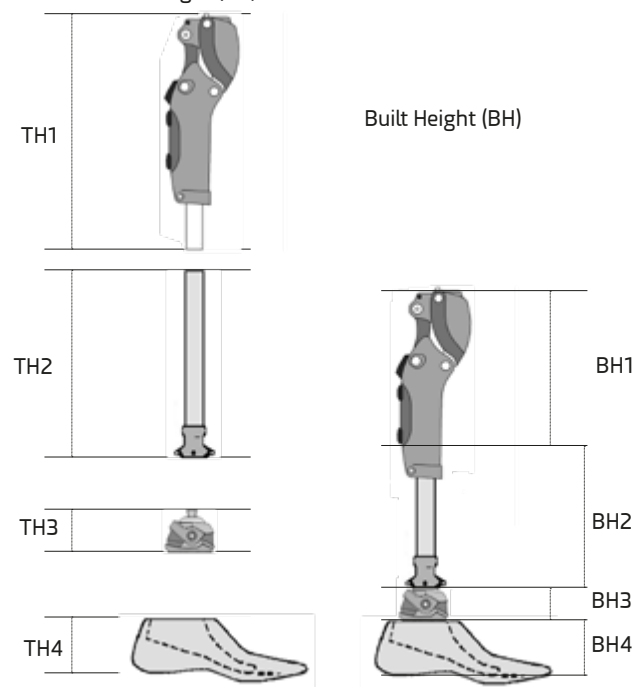
Waterproof



Salt and chlorine water

### Build Height Principle

Total Height (TH)





## WE ARE PROTEOR

The needs of patients are always changing; so is the need for innovative technology.

We understand the importance of the relationship between the end-user and their prosthetic componentry. It's because of this understanding that **PROTEOR** is in the constant pursuit of innovation with the best possible outcomes in mind.

Rooted in its mantra for over 100 years, the **Proteor Group's** commitment to putting the **#HumanFirst** has led to the development of the most encompassing product portfolio in O&P.

Putting the **#HumanFirst**, we are excited to deliver an extensive, progressive product line that includes everything today's patient needs to LIVE THE LIFE THEY LOVE. Discover the exciting **PROTEOR** product line today!

A whole new look. A whole new vibe. A whole new world. We are **PROTEOR**.



## TABLE OF CONTENTS

Click on to access

### Knees

- Microprocessor knees
- Other knees

### Ankles

- Microprocessor ankle
- Mechanical ankles

### Feet

- Energy return carbon feet
- Sports blade
- Energy return glassfiber feet
- Geriatrics and low activity
- Footshells

### Components

- Foot Adapter
- Tubes clamps & pylons
- Adapters
- Connectors
- Lamination adapter
- 4-hole adapter
- Cosmetics

### Liners & Sockets

- Liners
- Adjustable temporary socket
- Temporary fitting system
- Locks and valves

### Orthosis

- Multimotion
- Multistatic
- Ankle joints
- Knee joints
- Uprights
- Knee braces
- Spinal Orthosis

### Materials

- Casting
- Lamination
- Adhesive
- Thermoforming
- Lining and finishing
- Strap and buckle
- Screw Fitting

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## Knees

- Microprocessor knees
  - Plié 3
  - Allux 2
- Mechanical knees
  - Easy Ride
  - Hytrek
  - Hydeal II
  - Matik
  - Symphony
  - 1M112/113
  - 1M102/102V
  - 1M01/10





## Rediscover the versatility of the Plié® 3

The Plié® 3 MPK is designed for low to high activity ambulators, providing them the customized support they need and the response they demand.

- Both weatherproof and FULLY SUBMERSIBLE
- Lightweight design requires minimal energy
- The most responsive stumble and fall protection
- Move instinctively at users own pace in any direction, including taking short steps, walking backwards, or pivoting in confined spaces

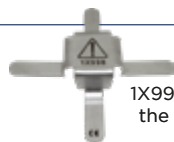
### TECHNICAL FEATURES

Item N°.	KS3-00-KNEE1-KT	KD3-00-KNEE2-KT
Weight	1235 g / 2.72 lbs	1235 g / 2.72 lbs
Build Height	235 mm / 9,25"	223 mm / 8.78"
Max. flexion	125 °	117 °
Proximal Connector	Male Pyramid	Threaded top
Distal Connector	Male Pyramid	
Max. patient weight	2.5 - 3: 125 kg / 4: 100 kg	
Activity level	2.5 - 3 - 4	
Water resistance	IP67 - Waterproof	
Battery Life	Greater than 24 hours depending on individual activity and storage practices	

Included with the knee:

- Standard black shell if colored shell not desired.
- USB key for Bluetooth connexion.
- Lithium-ion battery (2 pcs).
- Battery charger.
- Air pump with adapter.
- Smooth hose adapter for pump.

### DESIGNER FAIRINGS



1X998 To avoid damage to the pyramid during trials





## In pursuit of the world's safest knee.

ALLUX 2 is the first (and only) 4-Bar MPK that controls both stance, and swing phase. It's unique design boasts a dual safety system based on inherent stability factors and microprocessor control. ALLUX 2 heightens safety and security while providing exceptional functionality to the user.

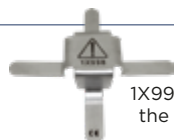
- PC and/or remote control no longer required. ALLUX 2 is fully programmable via a Bluetooth enabled device.
- Using a Bluetooth enable device, the user can choose from 5 different modes as needed.
- New needle bearings used in the 4-Bar linkage provide smooth movement, increased durability, improved water resistance, and an industry-leading 180° flexion.
- It's polycentric design reduces chances of stumbling by increasing toe-clearance. In case of stumbling, the microprocessor immediately increases hydraulic resistance to prevent sudden buckling.
- Because of its polycentric design and inherent stability, ALLUX 2 is also suitable for high or low activity users with long transfemoral, or knee disarticulate amputation levels.

### TECHNICAL FEATURES

Item N°.	1P380		1P380-KD	
Weight	1510g		1520g	
Build height	295mm (11.5")		287mm (11.33")	
Max. flexion	180°			
Proximal Connector	Male Pyramid		Threaded Top	
Distal Connector	Male Pyramid			
Max. patient weight	125kg / 275lbs	100kg / 200lbs	275lbs / 125kg	100kg / 200lbs
Activity level	2-3	4	2-3	4
Water resistance	IP44 - Weatherproof			
Battery & Supplemental backup battery	Lithium Ion			
Battery Life	4 days depending on individual activity and storage practices			

#### Included Components

- Charging plug cap
- Power OFF cap
- Charger
- AC adapter
- Backup battery
- Extension cable
- Backup battery charging cable



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Programmable via  
**Adjustment App**  
for Prosthetists  
(iOS and Android)



Adjustable via  
**Remote Control App**  
for Users  
(iOS and Android)





## High impact multisport knee.

The **EasyRide** knee was created in collaboration with adaptive athletes from around the world to ensure optimal performance capabilities for extreme, high impact, all-terrain sports such as surfing, snowboarding, skateboarding, cycling, skiing, and more. The **EasyRide** lets you get back to the activities you LOVE without limitations.

- Easy Ride knee is appropriate for patients involved in sports. Developed with handisport athletes, it has been designed while keeping constantly in mind specific needs of these patients.
- Thanks to its pneumatic shock absorber, it is particularly adapted to sports such as surfing, snowboarding, road biking, mountain biking, roller, skateboarding, paddling. Depending on practiced activity, the user can easily modify the knee configuration and its adjustments.
- Seaproof, Easy Ride knee has been developed for extreme conditions of use. It can operate between -25°C and +40°C

- Paddling
- Surfing
- Wind Surfing
- Water Skiing
- Wake Boarding
- Skiing (Downhill & Cross Country)
- Snowboarding
- Skateboarding
- Mountain Biking
- Road Biking
- And more...

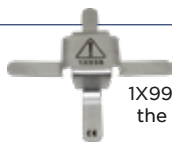
### TECHNICAL FEATURES

Item N°.	1P650	
Weight	1200g / 2.64lbs	
Position	Sliding	Biking
TH/BH/H	257/227/38 mm 10.12/8.94/1.5"	260/230/38mm 10.24/9.06/1.5"
Pre-flexion	12°	0°
Flexion	50°	130°
Material	Aeronautic Alloy	
Proximal Connector	Titanium Male Pyramid	
Distal Connector	Titanium Male Pyramid	
Max. patient weight	125kg / 275 lbs	
Activity level	4	
Water resistance	Seaproof	

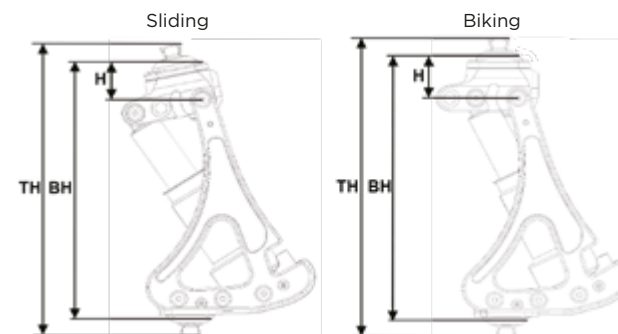
Package contents:

- 1 knee 1P650
- 1 air pump
- 2 Torx wrenches

- 1 pin driver
- 2 screws M6x14
- Instructions for use



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## A single axis knee with hydraulic regulation of stance phase and swing phase, equipped with a manual lock.

Strong high-end knee for dynamic transfemoral patients. Navigate everyday life activities on all types of terrain; including slopes and stairs. Offers smooth ambulation and the ability to safely descend stairs step over step.

- Increased patient dynamics.
- Powerful hydraulic brake.
- Wide braking range.
- Optional manual lock.
- Extension assist.
- Maximum patient weight: 150 kg / 330lbs.

### TECHNICAL FEATURES

Item N°.	1P131	1P130	P131-KD	1P130-KD
Color	Black	Blue	Black	Blue
Weight	1265g / 2.79lbs		1285g / 2.83lbs	
TH/BH/H	232/177/36 mm 9.1/7/1.4"		222/174/33 8.7/6.9/1.3"	
Materials	Aluminum, Stainless steel, Titanium			
Max. Flexion	120°			
Proximal Connector	Male Pyramid		Threaded Top	
Distal Connector	Ø34mm Tube			
Maximum patient weight	150kg / 330lbs			
Activity level	3-4			
Water resistance	Weather resistant			

### KITS

Item N°.	Content
1P130#KIT	1P130 + 1G01-HD + 1D41-HD
1P131#KIT	1P131 + 1G01-HD + 1D41-HD



#### STANCE:

Adjustment of sensitivity for switching to braking mode.

#### RESISTANCE:

Adjustment of braking power.

#### LOCK:

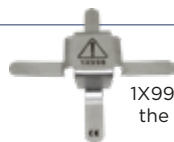
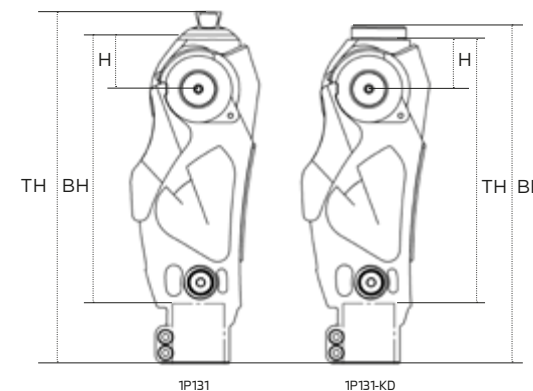
Manual hydraulic lock switch.

#### FLEXION:

Adjustment of flexion angle.

#### EXTENSION:

Dynamic control of swing phase and terminal impact.



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## Swith to the ideal road.

The HYDEAL II knee can keep up with the everyday life of an active amputee, who alternates walking speeds in his daily life trips. One of the improvements of the Hydeal II knee is an entirely re-engineered performance focused hydraulic unit. The unique improvements to the hydraulic unit allow for a smooth and fluid swing initiation which is also easier for the patient The 4 bar polycentric design offers increased stance phase geometric stability and safety

- Polycentric and hydraulic knee for moderate to high activity level amputee patients (K3 - K4)
- The Flexion and Extension resistance can separately be adjusted to obtain optimum walking conditions for the patient
- The polycentric 4-axis design offers enhanced stability during stance phase
- Suitable for practicing sports such as bike riding



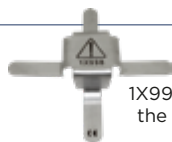
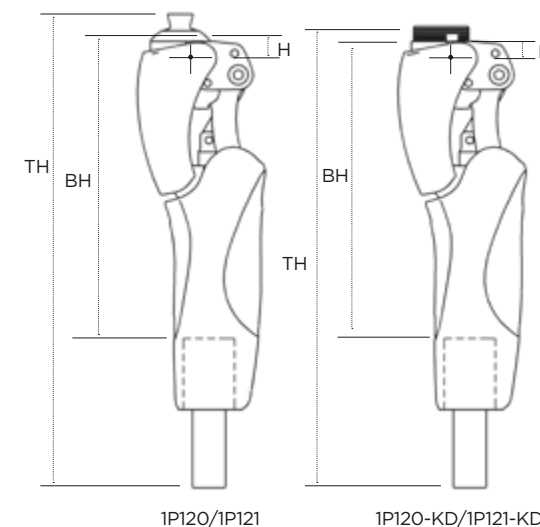
1P121

1P120-KD



### TECHNICAL FEATURES

Item N°.	1P120	1P121	1P120-KD	1P121-KD
Color	Grey	Orange	Grey	Orange
Weight	1050g / 2.31lbs		1080g / 2.38lbs	
TH/BH/H	318/200/14.5 mm 12.52/7.87/0.55"		309/197/11 mm 12.16/7.76/0.43"	
Materials	Aluminium, Stainless steel			
Max. Flexion	145°			
Proximal Connector	Male Pyramid		Threaded Top	
Distal Connector	Ø34mm Tube			
Maximum patient weight	125kg / 275lbs			
Activity level	3-4			



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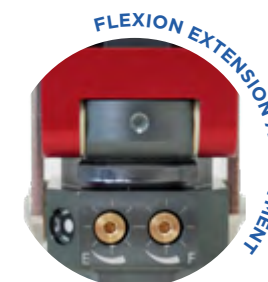


## The Matik was designed to provide an affordable 4-axis pneumatic knee for patients up to 275 lbs.

Simply and effectively designed to provide high function with low maintenance.

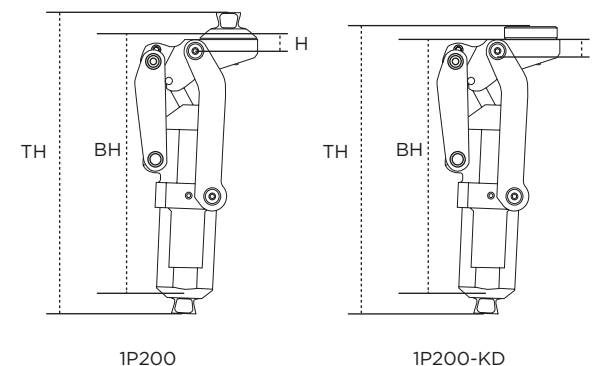
The easy swing of the pneumatic unit and the reduced weight of the knee give the patient a heightened sensation of fluidity and comfort. To support safety during swing phase and reduce the risk of a fall, the toe clearance height reaches 25mm, one of the industry's highest for this type of knee. Matik has both flexion and extension adjustments which address terminal impact and excessive heel rise potentials.

- Secure 4-axis geometry.
- Safety and security through generous toe clearance during swing phase.
- Compact and lightweight (743g / 26,21 oz).
- Adapted for patients up to 125 kg / 275 lbs .



### TECHNICAL FEATURES

Item N°.	1P200	1P200-KD
Weight	743 g / 1.64 lbs	
TH/BH/H	204/175/11,5 mm 8/6.9/0.4"	195/172/8 mm 7.7/6.8/0.3"
Materials	Aluminum, Stainless steel	
Max. Flexion	170 °	
Proximal Connector	Pyramid	Threaded Top
Distal Connector	Pyramid	
Max. patient weight	125 kg / 275 lbs	
Activity level	2-3	



1X998 To avoid damage to the pyramid during trials





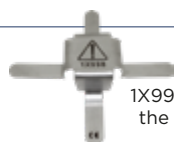
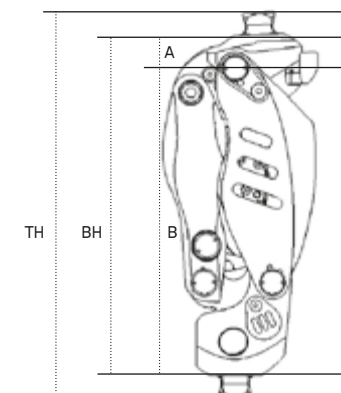
## Fluidity, functionality, safety: a perfect composition.

The Symphony Knee is designed with a unique, 6 Bar polycentric structure that provides an extremely high level of stability during stance phase. Its innovative mechanical sensor, the p-MRS system, automatically detects gait status and controls the stability of the knee joint accordingly. Its hydraulic cylinder provides a smooth swing phase and works with the Symphony's adjustable stance flexion feature to enhance the patient's ambulatory experience and provide a comfortable, confident gait to the user.

- 6 Bar hydraulic knee.
- Adjustable stance flexion.
- Easy to access user adjustable manual lock.
- High level of stability due to geometric locking of the knee through toe off.
- Low build height.
- Unique hydraulic cylinder design allows easy flexion initiation.
- Convenient and user friendly 7.75in overall height.
- High maximum flexion angle of 160°.

### TECHNICAL FEATURES

Item N°.	1P320	1P321	1P320-KD	1P321-KD
Proximal connector	Male Pyramid		Threaded Top	
Manual lock	-	X	-	X
Total Height	197mm (7.75")		191mm (7.5")	
A Item N°.. measurement	156 mm / 6."			
B Item N°.. measurement	14 mm / 0.6"		14.5 mm / 0.6"	
Weight	890 g / 1.96 lbs	940 g / 2.07 lbs	930 g / 2.05 lbs	980 g / 2.16 lbs
Max. flexion	160°			
Material	Titanium & Aluminum			
Max. patient weight	100 kg / 220 lb		125 kg / 275 lbs	
Mobility Grade	2-3			



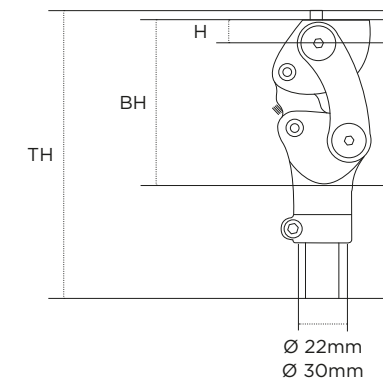
1X998 To avoid damage to the pyramid during trials



## Compact 4-axis knee



- Socket rotation adjustment:  $\pm 15^\circ$ .
- Friction adjustment.
- Extension assist adjustment.
- Safety in stance phase ensured by alignment and axis geometry.
- The 4-axis and linkage geometry provides a shortening of the leg segment during swing phase.



### TECHNICAL FEATURES

Item N°.	Max. Patient's Weight	Weight	Total Height	Build Height	Height	Material	Max. Flexion	Distal Adapter
1M112	45kg 99 lbs	320 g 0.70 lbs	155 mm 6.10"	75 mm 2.95"	11 mm 0.43"	Aluminum	165°	Tube Ø 22 mm
1M113	80kg 176 lbs	340 g 0.75 lbs						Tube Ø 30 mm

### ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER



1K164

For 1M112



1K40

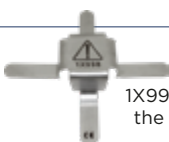


1K160



1K163

For 1M113



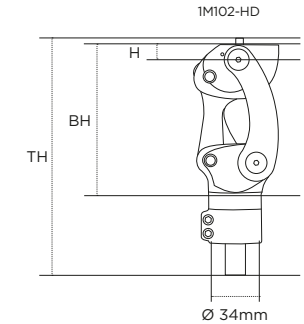
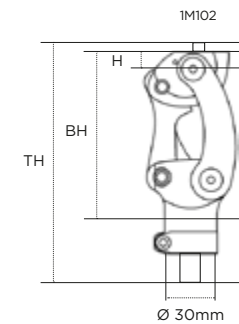
1X998 To avoid damage to the pyramid during trials





**The unique alignment and axis geometry of the 1M102 offer increased safety during stance phase.**

- Socket rotation adjustment:  $\pm 15^\circ$ .
- Friction adjustment.
- Extension assist adjustment.
- Possible fitting of long stumps and knee disarticulations.
- 1M02V: its optional lock ensures enhanced safety on difficult or uneven grounds, or during rehabilitation phase. The optional lock is operated by the patient himself.



## TECHNICAL FEATURES

Item N°.	Max. Patient's Weight	Weight	Total Height	Build Height	Height	Material	Optionnal lock	Max. flexion	Distal Adapter
1M102	100 kg 220 lbs	565 g / 1.24 lbs	184 mm 7.24"	108 mm 0.24"	12 mm 0.47"	Aluminum	No	160 °	Tube Ø 30 mm
1M102V		575 g / 1.27 lbs					Yes		
1M102-P6	125 kg 275 lbs	600 g / 1.32 lbs	184 mm 7.24"	113 mm 0.25"			No		Tube Ø 34 mm
1M102V-P6		625 g / 1.38 lbs					Yes		

## ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER



1K40



1K160-P6



1K160



1K163



Release Handle for 1M102V and 1M102V-P6

## KNEE DISARTICULATION KIT



1K40

1M102#KD

1M102

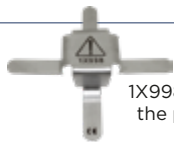


1K40

1M102V#KD

1M102V

1X110



1X998 To avoid damage to the pyramid during trials

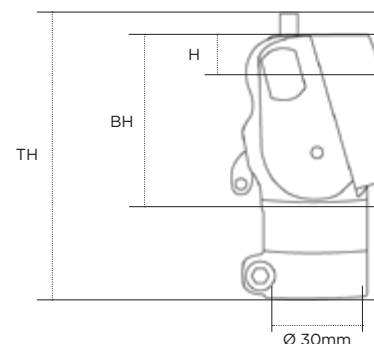


**With its convenient lock, the 1M Series ensures patient safety while walking.**

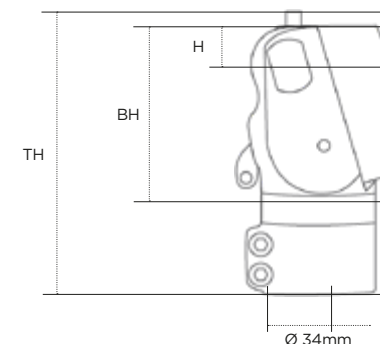


- Socket rotation adjustment:  $\pm 15^\circ$ .
- Joint friction adjustment.
- Lock with adjustable stop.

1M01 / 1M10



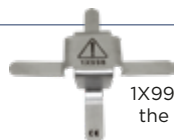
1M01-HD / 1M10-HD



## TECHNICAL FEATURES

Item N°.	Max. Patient's Weight	Weight	Total Height	Build Height	Height	Material	Release lever	Max. flexion	Distal Adapter
1M01	220 lbs	345 g 0.76 lbs	99 mm 3.89"	58 mm 2.28"	13 mm 0.51"	Aluminum + Stainless Steel	No	130 °	Tube Ø 30 mm
1M10	100 kg	355 g 0.78 lbs					Yes		
1M01-P6	275 lbs	375 g 0.83 lbs	102 mm 4.01"	59 mm 2.32"	14 mm 0.55"		No		Tube Ø 34 mm
1M10-P6	125 kg						Yes		

## ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER



1X998 To avoid damage to the pyramid during trials





## Ankles

- Microprocessor ankle
  - Kinnex 2.0
- Others
  - Kinterra
  - Multi-axis ankle
  - Single axis foot





OPTIONAL SANDAL TOE

F14-N2-0\_A\_-

Category 1-7 Size 22-31

Toe Configuration  
RU- regular  
SR- sandal toe, right  
SL- sandal toe, left



Spectra sock included  
Order Foot shell p.43 (3 colors choice)



1X998 To avoid damage to the pyramid during trials

## Designed for real life

Kinnex 2.0 microprocessor ankle combines sophisticated microprocessor ankle innovation with time tested carbon fiber foot technology, providing users a uniquely stable and natural walking experience whether on flat, angled, smooth or uneven terrain. Water the lawn or walk in the rain without worrying about exposure to water, dust and dirt.

- Seamlessly adjust to changes in ground slope within the first step.
- Confidently brave the elements with an IP67 certified ankle.
- Comfortably match heel heights with virtually any shoe for work or play (via App).
- Optimize energy storage and energy return with a bolt free full carbon fiber foot plate.
- 30° of Ankle Articulation 20° plantar flexion / 10° dorsi flexion allows the ankle and foot to be ideally positioned in relation to the ground.
- Battery Life: Greater than 24 hours depending on individual activity and storage practices

User Weight Rating:

125 kg for moderate activity,

100 kg for high activity (Mob 4 no sports)

Heel Height: The automated heel height adjustment has a range from 0 to 5 cm

Category selection according to weight and activity

Activity / Weight	44-52 kg 100-115 lbs	53-59 kg 116-130 lbs	60-68 kg 131-150 lbs	69-77 kg 151-170 lbs	78-88 kg 171-195 lbs	89-100 kg 196-220 lbs	101-116 kg 221-255 lbs	117-125 kg 256-275 lbs
Low	1	1	2	3	4	5	6	7
Moderate	1	2	3	4	5	6	7	-

Item N°.	Categories	Side	Size (cm)	Sandal toe option	Heel height	BH	Weight
F14	1 to 7	G / D	24 to 25	yes	10 mm	184 mm / 7.2"	1,49 kg / 3.281lbs
			26 to 28	yes		186 mm / 7.3"	
			29 to 30	no		186 mm / 7.3"	

User and Prosthetist App Streamlined set up, monitoring, customization and cadence reporting are a touch away with the Clinician and Patient Apps.





## Extraordinarily Normal

The Kinterra™ 2.0 Foot/Ankle System combines hydraulics and carbon fiber technology to provide low to moderate ambulators an exceptionally normal walking gait- regardless of terrain or walking speed. This results in rock solid stability and the confidence for users to choose a new path.

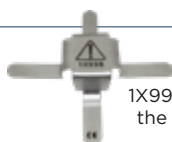
- Independent above the foot shell DF/PF adjustability
- 12° Range of Motion: (2° dorsi, 10° plantar) increased ankle movement for a more natural gait
- Optional Sandal-Toe: Available in sizes 22-28 cm
- A full length, unbolted sole plate ensures seamless stance phase roll-over for superior comfort



ROM-00-0\_A\_-  
Category 1-7 Size 22-31  
Toe Configuration  
RU- regular  
SR- sandal toe, right  
SL- sandal toe, left



Spectra sock included  
Order Foot shell p.43 (3 colors choice)



1X998 To avoid damage to the pyramid during trials

Category selection according to weight and activity

Activity / Weight	44-52 kg 100-115 lbs	53-59 kg 116-130 lbs	60-68 kg 131-150 lbs	69-77 kg 151-170 lbs	78-88 kg 171-195 lbs	89-100 kg 196-220 lbs	101-116 kg 221-255 lbs	117-125 kg 256-275 lbs
Low	1	1	2	3	4	5	6	7
Moderate	1	2	3	4	5	6	7	-

Item N°.	Categories	Side	Size (cm)	Sandal toe option	Heel height	BH	Weight
ROM	1 to 7	L / R	22 to 25	yes	10 mm	120 mm / 4 3/4"	795 g / 1.75 lbs
			26 to 28	yes		121 mm / 4 3/4"	897 g / 1,98 lbs
			29 to 31	no		124 mm / 4 7/8"	992 g / 2,19 lbs



# multi-axis ankle

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)


1D111

## Multi-axis Ankle

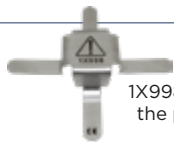
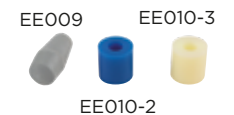
The multiaxis ankle enables any S.A.C.H. or DynaStep foot receiving a M10 screw to perform motions of plantar and dorsiflexion, as well as inversion-eversion.

- Helps flat foot achievement and is convenient for uneven grounds thanks to its numerous possible motions.
- Recommended for both trans-femoral and trans-tibial amputees.
- A wide range of front and rear bearings allows to match the ankle to patients' activity and weight.
- Delivered fitted with EE010-1 and EE008 bearings



	Multi-axis Ankle	Bumper for Heel Strike				Front Bearing		
Item N°.	1D111	EE013	EE007	EE008	EE009	EE010-1	EE010-2	EE010-3
Color		Brown	Beige	Black	Grey	Honey	Blue	Ivory
Hardness		X-soft	Soft	Medium	Hard	Soft	Medium	Hard
Connection	Male Pyramid / M10 screw							
Build Height	53 mm / 2.09"							
Weight (Size 25)	250 g / 0.55 lbs							

Adjustment Kit  
1D11150



1X998 To avoid damage to the pyramid during trials



# SINGLE AXIS FOOT

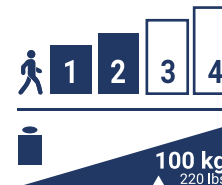


TABLE OF CONTENTS

KNEES

ANKLES

FEET

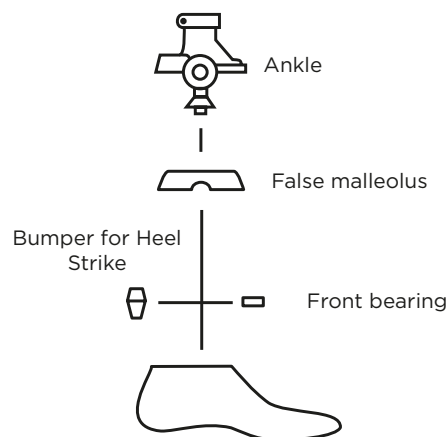
COMPONENTS

LINERS & SOCKETS

ORTHOSIS

MATERIALS

CONTACTS



**Single axis foot allows plantar flexion at heel strike and s dorsiflexion, which reproduces the physiological ankle joint.**

- Shock absorption at heel strike is ensured by heel inserts of various hardnesses.
- Step completion is ensured by the flexible forefoot.
- A variety of front bearings enables to accommodate equinus for heels from 10 to 30 mm.



## Complete Solution Kit

1B02+1D12+EE001+EE007+1E1301/1E1401/1E1501



## 1B02- #KIT

Side  
G- left  
D- right

Size  
22 to 29

## Foot only

## 1B02-

Side  
G- left  
D- right

Size  
22 to 29

	Foot	Ankle	False Malleoly			Rear Bumper for Heel Strike				Front Bearing				
Item N°.	1B02	1D12	1E1301	1E1401	1E1501	EE013	EE007	EE008	EE009	EE012	EE011	EE001	EE002	EE003
Side (left/right)	G / D													
Size	22 to 29		22 to 24	25 to 27	28 to 29									
Color	Caucasian					Brown	Beige	Black	Grey					
Stiffness						X-soft	Soft	Medium	Hard					
Thickness						50 mm				4 mm	5 mm	6 mm	7 mm	9 mm
Material		Alu	PU			Elastomer				Elastomer				
Weight (Size 25)	390 g	250 g	25 g	30 g	35 g	17 g	20 g				2 g	3 g	4 g	5 g
Heel height										10 mm	15 mm	20 mm	25 mm	30 mm
Max. Patient weight	100 kg / 220 lbs													
Connexion		Tube Ø 30 mm												
Activity level	1-2													





## Feet

- Energy return carbon feet
  - Dyna C
  - Dynadapt
  - Dynatrek
  - Sierra
  - Highlander & Max
  - Agilix
  - Pacifica & LP
  - Dynastar
  - Dynacity
  - Easy Run
- Energy return Glassfiber feet
  - Rush Hipro
  - Rush Rampage LP
  - Rush Hipro Rogue
  - Rush Evaq8 Collection
  - Rush H2O Collection
  - Rush Rover
  - Rush Kid
  - Rush Chopart
- Geriatrics & low activities
  - Dynastep
  - 3 parts foot
  - S.A.C.H.
  - Gery
- Footshells & spectra socks





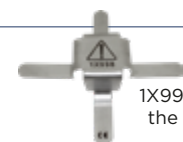
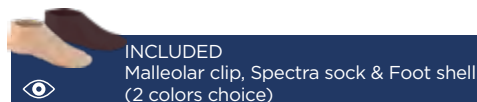
Caucasian

1A400-

Category 1-5  
Side G- left  
Size 22-29  
D- right

Ebony

1A400- G/D + 1A60010- B

Category 1-5  
Size 22-29  
Side G- left  
Size 22-29  
D- right

1X998 To avoid damage to  
the pyramid during trials

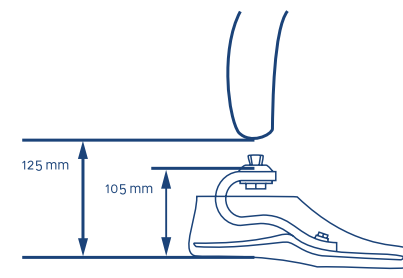
## To make every life expectation become a reality.

Dyna C foot is made of composite materials. It meets the needs of the patient with a dynamic gait by ensuring return of the energy previously stored. Possible warping of the composite materials and C-shaped design of the foot provide flexibility at heel strike and a progressive completion of the step.

- Lateral stability due to the large bearing surface at the fore-foot: 48 mm width, i.e. close to a sound foot.
- Dynamic effect increased by the long plantar keel, the effective foot length of the Dyna C foot amounts to 80% of its total length, versus 83 % for a sound foot.
- Split plantar keel providing inversion/eversion: appropriate for uneven grounds.
- Minimum height between the bottom of the socket and the ground: 12,5 cm
- Can be used for trans-tibial amputees with long residual limb and trans-femoral amputees fitted with large prosthetic knees.

### TECHNICAL FEATURES

Item N°.*	1A400
Side (left/right)	G / D
Size	22 to 29 cm
Weight (Size 25)	420 g
Build Height	105mm (4.13" )
Heel height	from 0 mm to 20 mm. (0 to .8")
Max. Patient weight	125kg / 275lbs
Activity level	3-4



Category selection according to weight and activity					
Activity / Weight	50 to 60 kg	60 to 75 kg	75 to 90 kg	90 to 105 kg	105 to 125 kg
Moderate	1	1	2	3	4
Normal	1	2	3	4	5
High	2	3	4	5	-

Categories available according to the foot size					
Size (cm) / Category	1	2	3	4	5
22 - 23	•	•	•		
24 - 25	•	•	•	•	
26 - 27	•	•	•	•	•
28 - 29		•	•	•	•





OPTIONAL SANDAL TOE

## Fit, Finish and Roll

- Slim profile, carbon fiber foot system with a slender, anatomic design
- Full length attached heel with no bolts or bushings
- Combination of smooth rollover function, improved stability, and dynamic response makes DynAdapt™ the best all-around foot for all K3 users
- EnduraCore® Technology delivers up to 3 times the fatigue life of a standard laminate
- Split keel and heel design delivers enhanced stability
- Lightweight construction – only 635g (incl. foot shell)

F10-00-0 A\_-

Category 1-7 Size 22-31

Toe Configuration  
RU- regular  
SR- sandal toe, right  
SL- sandal toe, left



Spectra sock included  
Order Foot shell p.43 (3 colors choice)



1X998 To avoid damage to the pyramid during trials

Category selection according to weight and activity

Activity / Weight	44-52 kg 100-115 lbs	53-59 kg 116-130 lbs	60-68 kg 131-150 lbs	69-77 kg 151-170 lbs	78-88 kg 171-195 lbs	89-100 kg 196-220 lbs	101-116 kg 221-255 lbs	117-130 kg 256-285 lbs	131-147 kg 286-325 lbs	148-166 kg 326-365 lbs
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-
High	2	3	4	5	6	7	8	9	-	-

Item N°	Categories	Side	Size (cm)	Sandal toe option	Heel height	Build Height	Weight
F10	1 to 9	L / R	22 to 25	yes	10 mm 3/8"	158 mm / 6 1/5"	535 g / 1.18 lbs
			26 to 28	yes		170 mm / 6 3/4"	635 g / 1.39 lbs
			29 to 31	no		182 mm / 7 1/5"	750 g / 1.65 lbs





1A600-

Category 1-6  
Side G- left  
D- right  
Size 22-31  
Color = Caucasian  
B = Ebony

## Over inclines, declines, sand, gravel, stairs, or any surface, the DynaTrek was designed to provide smoothness and reliability for the active user.

With its split-keel blade, the **DynaTrek** is an all-terrain foot that offers optimal inversion, eversion, and energy return.

- Increased patient dynamics.
- Great for transfemoral or transtibial patients.
- Convenient for any terrain.
- Maximum patient weight 330 lbs.
- Fully waterproof.
- Includes heel wedges for stiffness adjustment.
- Includes cosmetic kit contains: a foot shell, spectra sock, malleolar clip.

Item N°.	1A600	
Activity level	3-4	
Side (Right/Left)	G / D	
Weight (size 25 without footshell)	400 g / 0.88 lbs	
Size	22 to 25	26 to 30
Total Height	170 mm / 6.69"	180 mm / 7.08"
Build Height	154 mm / 6.1"	165 mm / 6.5"
Max. Patient Weight	150kg / 330lbs	

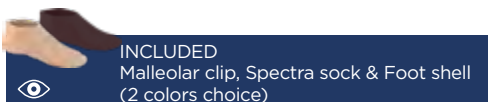
Category selection according to activity and weight

Activity/Weight	99-131 lbs 45-59kg	132-164 lbs 60-74kg	165-197lbs 75-89kg	198-230lbs 90-104kg	231-274lbs 105-124kg	275-330lbs 125-150 kg
Normal	1	2	3	4	5	6
Hlgh	2	3	4	5	6	-

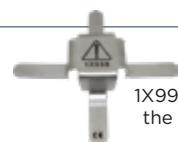
NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.

Category selection according to activity and weight

Size (cm)/Category	1	2	3	4	5	6
22 to 25	•	•	•	•		
26 to 30	•	•	•	•	•	•



INCLUDED  
Malleolar clip, Spectra sock & Foot shell  
(2 colors choice)



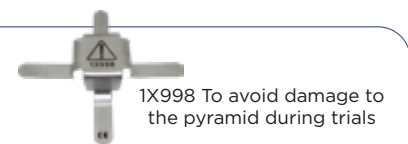
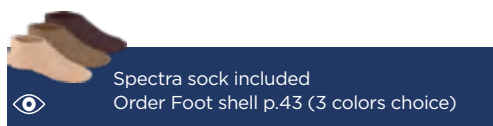
1X998 To avoid damage to  
the pyramid during trials





## Ultimate flexibility for a smoother gait

- Angle-top design increases the length of the carbon fiber spring to store and return more energy, and provide a smoother gait
- Split keel design delivers excellent inversion/eversion
- Full-length heel enables foot flat early in the gait cycle, providing a stable base of support and an exceptionally smooth gait



Category selection according to weight and activity

Activity / Weight	44-52 kg 100-115 lbs	53-59 kg 116-130 lbs	60-68 kg 131-150 lbs	69-77 kg 151-170 lbs	78-88 kg 171-195 lbs	89-100 kg 196-220 lbs	101-116 kg 221-255 lbs	117-130 kg 256-285 lbs	131-147 kg 286-325 lbs	148-166 kg 326-365 lbs
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-
High	2	3	4	5	6	7	8	9	-	-

Item N°.	Categories	Side	Size (cm)	Sandal toe option	Heel height	Build Height	Weight
FS1	1 to 9	L / R	22 to 25	yes	10 mm 3/8"	146 mm / 5 3/4"	515 g / 1,14lbs
			26 to 28	yes		172 mm / 6 3/4"	640 g / 1.41 lbs
			29 to 31	no		187 mm / 7 3/8"	750 g / 1.65 lbs



# HIGHLANDER® and HIGHLANDER® max

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)


FS3-00- A -

Category 1-9 Size 22-31

**Toe Configuration**  
RU- regular toe, universal  
SR- sandal toe, right  
SL- sandal toe, left



OPTIONAL SANDAL TOE

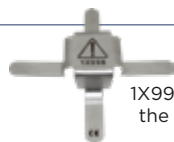
FS3-H5-00-0 A -

Category 10-12 Size 26-31

**Toe Configuration**  
RU- regular toe, universal  
SR- sandal toe, right  
SL- sandal toe, left



Spectra sock included  
Order Foot shell p.43 (3 colors choice)



1X998 To avoid damage to the pyramid during trials

## Proven technology for dependable performance

- Offers an ideal blend of stability and action, often preferred by transfemoral patients
- Split keel provides excellent inversion/eversion

## Highlander®



Category selection according to weight and activity

Activity Weight	44-52 kg 100-115 lbs	53-59 kg 116-130 lbs	60-68 kg 131-150 lbs	69-77 kg 151-170 lbs	78-88 kg 171-195 lbs	89-100 kg 196-220 lbs	101-116 kg 221-255 lbs	117-130 kg 256-285 lbs	131-147 kg 286-325 lbs	148-166 kg 326-365 lbs
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	
High	2	3	4	5	6	7	8	9	-	-

Item N°.	Categories	Side	Size (cm)	Sandal toe option	Heel height	Build Height	Weight
FS3	1 to 9	L / R	22 to 25	yes	10 mm 3/8"	98 mm / 3 7/8"	470 g / 1.04lbs
			26 to 28	yes		101 mm / 4 1/4"	590 g / 1.30 lbs
			29 to 31	no		121 mm / 4 3/4"	750 g / 1.65 lbs



## Highlander® MAX

AVAILABLE IN 7-10 DAYS

Category selection according to weight and activity

Activity / Weight	167-190 kg 366-418 lbs	191-217 kg 419-478 lbs	218-226 kg 479-500 lbs
Low	10	11	12

Item N°.	Categories	Side	Size (cm)	Sandal toe option	Heel height	Build Height	Weight
FS3-H5	10 to 12	L / R	26 to 28	yes	10 mm 3/8"	121 mm / 4 1/4"	590 g / 1.30 lbs
			29 to 31	no		130 mm / 4 3/4"	750 g / 1.65 lbs

## HEAVY DUTY COMPONENTS TO COMPLETE YOUR ORDER



ACC-00-20201-00



ACC-00-20202-00



ACC-00-20203-00

ACC-00-20203-00

KIT-00-20200-00



ACC-00-20202-00

2 x ACC-00-20201-00



#HUMANFIRST







**F15-00-0 A -**

Category 1-9      Size 22-31

**Toe Configuration**  
 RU- regular toe, universal  
 SR- sandal toe, right  
 SL- sandal toe, left

Spectra sock included  
 Order Foot shell p.43 (3 colors choice)

1X998 To avoid damage to the pyramid during trials

## Maximum Shock Value

The Agilix™ is a multi-axial, shock absorbing flexible foot system designed to manage loading impacts, reduce socket shear forces and improve comfort while walking on nearly any terrain. The ultra-lightweight design offers K3 ambulators shockingly comfortable performance at a value like no other.

- Vertical shock absorption and carbon fiber flexibility optimized for low to moderate impact K3 ambulators.
- Multi-axial function increases ground compliance and stability; streamlined, split-toe design results in improved long-term durability, saving time and money
- Full length dynamic heel attached at the toe ensures a seamless roll-over, for superior comfort and a more symmetrical gait
- Lower profile and lighter weight than the competitive alternative, allowing users to do more and feel less tired at the end of the day

Category selection according to weight and activity

Activity / Weight	44-52 kg 100-115 lbs	53-59 kg 116-130 lbs	60-68 kg 131-150 lbs	69-77 kg 151-170 lbs	78-88 kg 171-195 lbs	89-100 kg 196-220 lbs	101-116 kg 221-255 lbs	117-130 kg 256-285 lbs	131-147 kg 286-325 lbs	148-166 kg 326-365 lbs
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-

Item N°.	Categories	Side	Size (cm)	Sandal toe option	Heel height	Build Height	Weight
F15	1 to 9	L / R	22 to 25	yes	10 mm 3/8"	143 mm / 5 3/4"	553 g / 1.22 lbs
			26 to 28	yes		161 mm / 6 1/3"	609 g / 1.34 lbs
			29 to 31	no		172 mm / 6 3/4"	772 g / 1.71 lbs





Pacifica®

FS2-00-0 A\_-

Category 1-9 Size 24-31

Toe Configuration  
RU- regular toe, universal  
SR- sandal toe, right  
SL- sandal toe, left

## The perfect balance of flexibility and durability

- Choice of two low profile designs ideal for patients with long residual limbs or those needing more build space
- LP design requires less than 50 mm of clearance
- Lightweight and durable
- Foot lies within foot shell so cosmetic finishing is simplified



Pacifica® LP

FS4-00-0 A\_-

Category 1-9 Size 22-31

Toe Configuration  
RU- regular toe, universal  
SR- sandal toe, right  
SL- sandal toe, left



Spectra sock included  
Order Foot shell p.43 (3 colors choice)



1X998 To avoid damage to the pyramid during trials

Category selection according to weight and activity

Activity / Weight	44-52 kg 100-115 lbs	53-59 kg 116-130 lbs	60-68 kg 131-150 lbs	69-77 kg 151-170 lbs	78-88 kg 171-195 lbs	89-100 kg 196-220 lbs	101-116 kg 221-255 lbs	117-130 kg 256-285 lbs	131-147 kg 286-325 lbs	148-166 kg 326-365 lbs
Low	1	1	2	3	4	5	6	7	8	9
Moderate	1	2	3	4	5	6	7	8	9	-
High	2	3	4	5	6	7	8	9	-	-

### PACIFICA®

Item N°	Categories	Side	Size (cm)	Sandal toe option	Heel height	Build Height	Weight
FS2	1 to 9	L / R	24 to 25	yes	10 mm 3/8"	59 mm / 2 3/8"	485 g / 1.07lbs
			26 to 28	yes		61 mm / 2 3/8"	610 g / 1,34lbs
			29 to 31	no		63 mm / 2 1/2"	720 g / 1.59lbs

### PACIFICA® LP

Item N°	Categories	Side	Size (cm)	Sandal toe option	Heel height	Build Height	Weight
FS4	1 to 9	L / R	22 to 25	yes	10 mm 3/8"	47 mm / 1 7/8"	465 g / 1,03lbs
			26 to 28	yes		50 mm / 2"	570 g / 1.26 lbs
			29 to 31	no		60 mm / 2 3/8"	760 g / 1,68 lbs







## Caucasian

1A500-

Category 2-5  
Side G- left  
Size 22-29  
D- right

## Ebony

1A500- G/D + 1A60010- B

Category 2-5  
Size 22-29  
Side G- left  
Size 22-29  
D- right



INCLUDED  
Malleolar clip, Spectra sock & Foot shell  
(2 colors choice)



1X998 To avoid damage to the pyramid during trials

## Aiming to provide comfort and energy return.

The DynaStar was designed to provide daily comfort to the moderately active patient. It's 2-part module is assembled by with unique joint system consisting of a polyurethane (PU) link, and the free connection of the heel blade into the keel. The freedom of movement controlled by the PU link creates a very comfortable foot on any ground, no matter the user's walking pace. The combined action of the PU link and the carbon fiber keel absorbs ground force reaction at heel strike and for a more flexible and smoother roll over; the split keel and PU allow for eversion-inversion. The design of the DynaStar allows the user to feel lateral and anterior-posterior stability, while the rear stop absorbs possible overloads and ensures safety. The low build-height make it a great option for long BK limbs.

- Excellent comfort thanks to the original link between the keel and the heel strut.
- High stability, ideal for users standing up for long periods of time.
- During load, the energy is stored then released through the upper carbon fiber keel.

Item N°	1A500	
Color	Caucasian	Ebony
Activity level	2-3	
Side (Right/Left)	G / D	
Weight (Size 25 without Footshell)	345 g / 0.76 lbs	
Size	22 to 29	
Total Height	106 mm / 4.2"	
Build Height	86 mm / 3.4"	
Max. Patient Weight	125 kg / 275 lbs	

Category selection according to weight and activity				
Activity / Weight	45-59 kg 99-130 lbs	60-79 kg 132-174 lbs	80-99 kg 176-218 lbs	100-125 kg 220-275 lbs
Moderate	2	2	3	4
Normal	2	3	4	5
High	3	4	5	-

Categories available according to the foot size				
Size (cm) / Category	2	3	4	5
22 to 24	•	•		
25	•	•	•	
26 to 29		•	•	•





**1A510-**

Category 1-5    Side G- left, D- right    Size 22-30    Color = Caucasian, B = Ebony

## Dynacity is a carbon fiber energy storing foot engineered to bring flexibility and comfort for daily use in full confidence.

Designed for patients with moderate activity, Dynacity allows them to manage daily ambulations safely and with minimum effort.

- Moderate activity user
- Transfemoral or Transtibial fitting
- For daily use
- Progressive and smooth rollover
- Heel cushioning
- Maximum patient weight: 125 kg/275 Lbs
- Weather resistant
- Polyurethane foot shell supplied

Item N°	1A510#	1A510#*B
Color	Caucasian	Ebony
Activity level	2-3	
Side (Right/Left)	G / D	
Weight (Size 25 without Footshell)	445 g / 0.98 lbs	
Size	22 to 30	
Total Height	106 mm / 4.2"	
Build Height	130 mm / 6.1"	
Max. Patient Weight	125kg / 275lbs	

**INCLUDED**  
Malleolar clip, Spectra sock & Foot shell  
(2 colors choice)



1X998 To avoid damage to the pyramid during trials

Category selection according to weight					
Size	45 to 59 kg 99 to 131 lbs	60 to 74 kg 132 to 164 lbs	75 to 90 kg 165 to 198lbs	91 to 107 kg 200 to 235 lbs	108 to 125 kg 238 to 275 lbs
22 - 24	1	1	2	2	NA
25 - 26	2	2	3	3	4
27 - 28	2	3	3	4	4
29 - 30	4	4	4	5	5



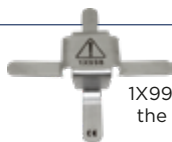
- For the every day user.
- Rotatable titanium pyramid adapter.
- Curved fiberglass blade.
- Lower blade with optimized curvature.
- Anti-slip sole.
- 6 vibrant designs.



USA (U)

1A920-\_\_

Category 1-6      Color O/N/E/G/V/U



1X998 To avoid damage to the pyramid during trials

## TECHNICAL FEATURES

Weight	1080 g / 2.20lbs
Build Height	220 mm / 8.66"
Materials	Fiberglass + rubber
Connection	Rotatable Pyramid

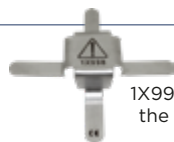


Orange (O)    Black (N)    Water (E)    Tag (G)    Purple (V)

Green replacement sole	1A92013-1
Black replacement sole	1A92013-2

Category selection according to activity and weight							
Activity/Weight	40-49kg 88-108lbs	50-59kg 110-130lbs	60-69kg 132-152lbs	70-79kg 154-174lbs	80-88kg 176-194lbs	90-99kg 198-218lbs	100-110kg 220-242lbs
Moderate Impact		1	2	3	4	5	6
High Impact	1	2	3	4	5	6	





1X998 To avoid damage to the pyramid during trials

- Highly-dynamic
- Durable
- Smooth roll-over
- High-energy return
- All-terrain
- Waterproof (fresh or salt water)
- Reduced socket issues

		HiPro
Weight (Size 25 without foot shell)		653 g / 1.44 lbs
Build Height including Foot shell	22 - 24	165 mm / 6.5"
	25 - 27	175 mm / 6.9"
	28 - 29	181 mm / 7.1"
Heel rise		10mm / 3/8"
Foot shell		Caucasian or Ebony

Category selection according to activity and weight									
Weight/ Activity level	0-48 kg 0-105 lbs	49-64 kg 06-140 lbs	65-79 kg 141-175 lbs	80-95 kg 176-210 lbs	96-111 kg 211-245 lbs	112-127 kg 246-280 lbs	128-143 kg 281-315 lbs	144-159 kg 16-350 lbs	160-166 kg 351-365 lbs
Low impact <i>Walking, golfing</i>	1	2	3	4	5	6	7	8	9
Moderate impact <i>Hiking, skiing</i>	1	2	3	4	5	6	7	8	9
High impact <i>Baseball, wakeboarding</i>	1	2	3	4	5	6	7	8	9
Very high impact <i>Sprinting, basketball</i>	2	3	4	5	6	7	8	9	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



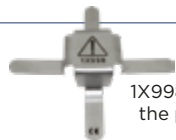
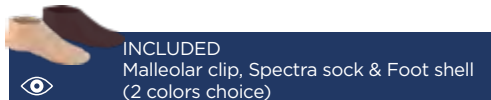
## Innovation you can feel

Thanks to the unique sole plate and virtually indestructible glass composite, the RAMPAGE LP® delivers the smoothest transition from heel strike to toe-off of any prosthetic foot in the industry. Patients will experience unparalleled comfort, range of motion and zero dead spots in every step.

- Low-profile build
- Superior ground compliance
- Smooth roll-over
- High-energy return
- Cosmesis-friendly
- All-terrain
- Waterproof (fresh or salt water)
- Reduced socket issues

### TECHNICAL FEATURES

		Rampage LP
Weight (Size 25 without foot shell)		538 g / 1.186 lbs
Built Height including footshell	22 - 24	114 mm / 4.5"
	25 - 27	121 mm / 4.75"
	28 - 29	121 mm / 4.75"
Heel rise		10 mm / 3/8"
Foot shell		Caucasian or Ebony

[ONLINE ORDER FORM](#)


1X998 To avoid damage to the pyramid during trials

Category selection according to activity and weight									
Weight/ Activity level	0-48 kg 0-105 lbs	49-64 kg 06-140 lbs	65-79 kg 141-175 lbs	80-95 kg 176-210 lbs	96-111 kg 211-245 lbs	112-127 kg 246-280 lbs	128-143 kg 281-315 lbs	144-159 kg 16-350 lbs	160-166 kg 351-365 lbs
Low impact <i>Walking, golfing</i>	1	2	3	4	5	6	7	8	9
Moderate impact <i>Hiking, skiing</i>	1	2	3	4	5	6	7	8	9
High impact <i>Baseball, wakeboarding</i>	2	3	4	5	6	7	9	9	-
Very high impact <i>Sprinting, basketball</i>	3	4	5	6	7	8	9	-	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



## Increased performance. Increased comfort. Added torsion.

RUSH ROGUE® provides the most realistic and dynamic foot and ankle motion available. The Vertical Loading Pylon provides comfortable relief from high impact loading allowing the user to push the foot to the limits. The components are made of advanced fiberglass composite which is three times more flexible than most conventional prosthetic feet. The roll through characteristics of the foot provide exceptional energy return with no “dead spot” allowing users to push themselves to the limits on the court or in aggressive terrain.

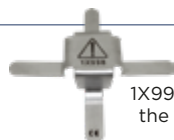
- Vertical Loading Pylon for vertical shock relief and impact absorption.
- Smooth roll through for high energy return and comfortable in any situation.
- Biomimetic ankle action to simulate the human foot – no one will know you wear a prosthetic.
- Extreme reliability for extended use in any high impact application a human can survive.
- Rotational torsion relief to ease the impact to knee, hip and back. ( $\pm 8^\circ$ )

### TECHNICAL FEATURES

		Hipro Rogue
Weight (Size 25 without foot shell)		875 g / 1.93 lbs
Build Height including Foot shell	22 - 24	165 mm / 6.5"
	25 - 27	178 mm / 7"
	28 - 29	181 mm / 7.125"
Heel rise		10 mm / 3/8"
Foot shell		Caucasian or Ebony

[ONLINE ORDER FORM](#)


**INCLUDED**  
Malleolar clip, Spectra sock & Foot shell  
(2 colors choice)



1X998 To avoid damage to the pyramid during trials

Category selection according to activity and weight									
Weight/ Activity level	0-48 kg 0-105 lbs	49-64 kg 06-140 lbs	65-79 kg 141-175 lbs	80-95 kg 176-210 lbs	96-111 kg 211-245 lbs	112-127 kg 246-280 lbs	128-143 kg 281-315 lbs	144-159 kg 16-350 lbs	160-166 kg 351-365 lbs
Low impact <i>Walking, golfing</i>	1	2	3	4	5	6	7	8	9
Moderate impact <i>Hiking, skiing</i>	1	2	3	4	5	6	7	8	9
High impact <i>Baseball, wakeboarding</i>	2	3	4	5	6	7	9	9	-
Very high impact <i>Sprinting, basketball</i>	3	4	5	6	7	8	9	-	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



## Simplistic, effective, efficient

Finally, an unprecedented elevated vacuum system that seamlessly integrates effective vacuum with the same rugged simplicity of all the RUSH Foot® designs. The RUSH Foot EVAQ8 Collection is the easy solution to providing maximum vacuum efficiency in just a few quick steps. No batteries or complicated, mechanical pump required.

- Simple, integrated design.
- Stabilizes volume, increases linkage, and heightens proprioception through elevated vacuum suspension.
- All-terrain, fully-submersible.
- Requires minimal maintenance.
- The RUSH FOOT EVAQ8 Collection is available in the HiPro, ROGUE, and RAMPAGE LP models.

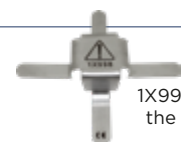
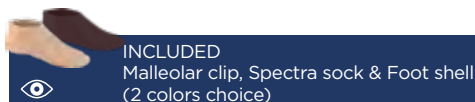
### TECHNICAL FEATURES

		HiPro EVAQ8	Rampage LP EVAQ8	HiPro Rogue EVAQ8
Weight (Size 25 without foot shell)		658 g / 1.45 lbs	549 g / 1.21 lbs	896 g / 1.975 lbs
Build Height	22 -24	6.5" / 165 mm	4.5" / 114 mm	6.5" / 165 mm
	25 - 27	6.875" / 175 mm	4.75" / 121 mm	7" / 178 mm
	28 - 29	7.125" / 181 mm	4.75" / 121 mm	7.125" / 181 mm
Heel rise		10 mm / 3/8"		
Foot shell		Caucasian or Ebony		



- 1 Release Valve
- 90° Hose Barb
- 2' Tygon Vacuum Hose
- Hose Barb Filter
- 1/2" Wide Hook & Loop

[ONLINE ORDER FORM](#)



1X998 To avoid damage to the pyramid during trials

Category selection according to activity and weight										
	Patient's weight	0-48 kg 0-105 lbs	49-64 kg 106-140 lbs	65-79 kg 141-175 lbs	80-95 kg 176-210 lbs	96-111 kg 211-245 lbs	112-127 kg 246-280 lbs	128-143 kg 281-315 lbs	144-159 kg 316-350 lbs	160-166 kg 351-365 lbs
HiPro, HiPro Rogue, Rampage LP EVAQ8	Low impact	1	2	3	4	5	6	7	8	9
	Moderate impact	1	2	3	4	5	6	7	8	9
HiPro EVAQ8 HiPro Rogue EVAQ8	High impact	1	2	3	4	5	6	7	8	9
	Very high impact	2	3	4	5	6	7	8	9	-
Rampage LP EVAQ8	High impact	2	3	4	5	6	7	8	9	-
	Very high impact	3	4	5	6	7	8	9	-	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.

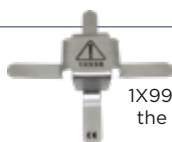


## Incomparable grip. No foot shell required.

The RUSH Foot® H2O collection is the ideal foot for your shower leg or various, non-invasive water sport activities. Available in the tried-and-true RUSH Foot® HiPro, RAMPAGE, RAMPAGE LP and ROGUE models and featuring an integrated Vibram® sole and custom molded rubber toe wrap. The RUSH Foot® H2O collection of feet offer the same great durability and comfort of all the other RUSH feet, but now adds superior traction on slick surfaces. From the shower to the pool, you won't find a foot that provides this amount of grip and added confidence on slippery surfaces.

- Showering
- Pool Activities
- Surfing
- Kayaking
- Stand Up Paddle
- Boarding
- Indoor Yoga
- Karate
- Gymnastics
- Miscellaneous
- Barefoot Activities

		HiPro H2O	Rampage LP H2O	HiPro Rogue H2O
Weight (Size 25)		742 g / 1.64 lbs	625.5 g / 1.38 lbs	965 g / 2.13 lbs
Size		22 - 29 cm		
Build Height	22 - 24	152 mm / 6"	105 mm / 4.125"	152 mm / 6"
	25 - 27	159 mm / 6.25"	105 mm / 4.125"	159 mm / 6.25"
	28 - 29	175 mm / 6.875"	111 mm / 4.375"	175 mm / 6.875"

[ONLINE ORDER FORM](#)


1X998 To avoid damage to the pyramid during trials

Category selection according to activity and weight										
	Patient's weight	0-48 kg 0-105 lbs	49-64 kg 106-140 lbs	65-79 kg 141-175 lbs	80-95 kg 176-210 lbs	96-111 kg 211-245 lbs	112-127 kg 246-280 lbs	128-143 kg 281-315 lbs	144-159 kg 316-350 lbs	160-166 kg 351-365 lbs
HiPro, HiPro Rogue, Rampage LP EVAQ8	Low impact	1	2	3	4	5	6	7	8	9
	Moderate impact	1	2	3	4	5	6	7	8	9
HiPro H2O HiPro Rogue H2O	High impact	1	2	3	4	5	6	7	8	9
	Very high impact	2	3	4	5	6	7	8	9	-
Rampage LP H2O	High impact	2	3	4	5	6	7	8	9	-
	Very high impact	3	4	5	6	7	8	9	-	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



## Extraordinary adventures begin with the ROVER

With a clearance just over two inches, even the most extreme low or high clearance patients will benefit from the dynamic toe-off and superior energy return of the RUSH ROVER®. Capable. Strong. Comfortable. From rocky trailheads to the sidewalks of a concrete jungle, navigate even the most demanding terrain with ease.

RUSH ROVER®...the world is yours...go live it!


[ONLINE ORDER FORM](#)


- Smooth Roll-Through.
- Dynamic Toe-Off.
- Most Durable Low-Profile Foot Available.
- All-terrain, all-weather
- Waterproof (salt and fresh)

		Rover
Weight (Size 25 without foot shell)		639 g / 1.41 lbs
Build Height	22 - 24	54 mm / 2.125"
	25 - 27	60 mm / 2.37"
	28 - 30	64 mm / 2.5"
Heel rise		10 mm / 3/8"
Foot shell		Caucasian or Ebony

Category selection according to activity and weight

Weight/ Activity level	0-48 kg 0-105 lbs	49-64 kg 06-140 lbs	65-79 kg 141-175 lbs	80-95 kg 176-210 lbs	96-111 kg 211-245 lbs	112-127 kg 246-280 lbs	128-143 kg 281-315 lbs	144-159 kg 16-350 lbs	160-166 kg 351-365 lbs
Low impact <i>Walking, golfing</i>	1	2	3	4	5	6	7	8	9
Moderate impact <i>Hiking, skiing</i>	1	2	3	4	5	6	7	8	9
High impact <i>Baseball, wakeboarding</i>	2	3	4	5	6	7	9	9	-
Very high impact <i>Sprinting, basketball</i>	3	4	5	6	7	8	9	-	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



INCLUDED  
Malleolar clip, Spectra sock & Foot shell  
(2 colors choice)



1X998 To avoid damage to the pyramid during trials



## Meet the new kid on the block

Built kid tough, the RUSH Kid® pediatric foot can handle even the most extreme low or high clearance patient. Run, jump, play...the ultra low profile build delivers the most dynamic energy return and smooth roll-through of any pediatric foot on the market today. Mud, water, sand....no problem! The all-terrain RUSH Kid® was built with active kids in mind.


[ONLINE ORDER FORM](#)


- Smooth Roll-Through.
- Dynamic Toe-Off.
- Most Durable Low-Profile Foot Available.
- All-terrain, all-weather
- Waterproof (salt and fresh)

	Kid
Weight Size 20 without Foot shell	315 g / 0.69 lbs
Build Height	51 mm / 2"
Size	19-21
Heel rise	10 mm / 3/8"
Foot shell	Caucasian or Ebony

Category selection according to activity and weight

Weight/ Activity level	0-14 kg 0-30 lbs	15-20 kg 31-45 lbs	21-27 kg 46-60 lbs	28-34 kg 61-75 lbs	35-41 kg 76-90 lbs	42-48 kg 91-105 lbs	49-54 kg 106-120 lb	55-61 kg 131-135 lbs
Low	1P	2P	3P	4P	5P	6P	7P	8P
Moderate	1P	2P	3P	4P	5P	6P	7P	8P
High	1P	2P	3P	4P	5P	6P	7P	8P
High impact	2P	3P	4P	5P	6P	7P	8P	

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.



INCLUDED  
Malleolar clip, Spectra sock & Foot shell  
(2 colors choice)



1X998 To avoid damage to  
the pyramid during trials



## Virtually indestructible

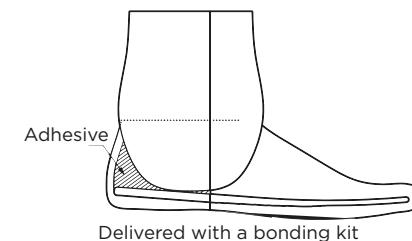
The RUSH Chopart® is specifically designed for people with Chopart amputations as well as Lisfranc, Pirogoff, Boyd and partial foot prostheses. A dynamic design, providing increased reliability and eliminating the breakage commonly seen with carbon Chopart plates. The unique glass composite is engineered to be more flexible and durable than any other Chopart available today.



- Highly-dynamic.
- Durable.
- Smooth roll-over.
- Waterproof (fresh or salt water).

[ONLINE ORDER FORM](#)


		Chopart
Weight (Size 25 without Foot shell)		118 g / 0.26 lbs
Build Height	22 - 24	25 mm / 1"
	25 - 27	29 mm / 1.125"
	28 - 30	22 mm / .875"
Heel rise		10 mm 3/8"
Foot shell		Caucasian or Ebony



INCLUDED  
Foot shell (2 colors choice)



1X998 To avoid damage to  
the pyramid during trials

Category selection according to activity and weight									
Weight/ Activity level	0-48 kg 0-105 lbs	49-64 kg 06-140 lbs	65-79 kg 141-175 lbs	80-95 kg 176-210 lbs	96-111 kg 211-245 lbs	112-127 kg 246-280 lbs	128-143 kg 281-315 lbs	144-159 kg 16-350 lbs	160-166 kg 351-365 lbs
Low impact <i>Walking, golfing</i>	1	2	3	4	5	6	7	8	9
Moderate impact <i>Hiking, skiing</i>	1	2	3	4	5	6	7	8	9
High impact <i>Baseball, wakeboarding</i>	2	3	4	5	6	7	9	9	-
Very high impact <i>Sprinting, basketball</i>	3	4	5	6	7	8	9	-	-

NOTE: Increasing category numbers indicate increased keel response. FOR BILATERAL PATIENTS: Increase by one category for added stability.





1E201

Foot only

1A101-

Side ☐ ☐  
G- left  
D- right

Size  
22-29

KIT 1E201



1D111

1E201-

Side ☐ ☐  
G- left  
D- right

Size  
22-29



INCLUDED  
Malleolar clip

## Comfort and dynamics

Aided by the shape of its carbon strut, the DynaStep ensures energy savings and comfort while providing the patient with dynamics suitable to activity level 2 patients; its split toe design allows inversion and eversion while navigating uneven terrain.

- Appropriate for transtibial and transfemoral patients.
- Foam of the foot is moulded on the carbon strut.
- Comes with its malleolar clip to help the set up of the foot shell.

## TECHNICAL FEATURES

Item N°.	1A101	
Activity level	2	
Weight (size 26)	510 g / 1.12 lbs	
Side (Right/Left)	-G / -D	
Size	22 to 25	26 to 29
Junction plate	1D101-2225	1D101-2629
Build Height	96 mm / 3.78"	
Max. Patient Weight	80 kg / 176 lbs	100 kg / 220 lbs





# 3-PARTS FOOT



TABLE OF CONTENTS

KNEES

ANKLES

FEET

COMPONENTS

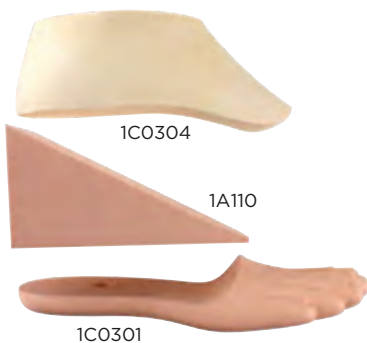
LINERS & SOCKETS

ORTHOSIS

MATERIALS

CONTACTS

## Complete Solution Kit



1C03-  
Side G- left D- right  
Size 22 to 29

## Parts

Item N°  
Side G- left D- right  
Size 22 to 29

## Designed for exoskeletal prostheses.

Used to manufacture:

- Bath prostheses
- Foot amputation prostheses (Chopard, Symes, Pirogoff)
- Trans-tibial carbon prosthesis.
- XC050: Adhesive recommended to glue the 3-parts foot components
- 1A111: a SACH foot can be used if a trial prosthesis is necessary prior to alignment transfer and final prosthesis.



	Sole with toe	Foam Block	Heel Wedge
Item N°.	1C0301	1C0304	1A110
Side (left/right)	G / D		
Size	22 to 29		
Color	Caucasian		
Heel height	10 mm	10 mm	
Activity level	1 - 2		

1C0205



Leg base in polyurethane used to give a tibial shape when making the prosthesis or during lamination





## S.A.C.H. foot (Solid Ankle, Cushion Heel) is used for patients with low activity level

- S.A.C.H. foot provides shock absorption at heel strike thanks to heel inserts of various hardnesses
- Step completion is ensured by the flexible forefoot.



1A118



### TECHNICAL FEATURES

Item N°.	1A111		1A118	1A128	1A21	1A51
Patient type	Men		Men	Men & Women	Women	Children
Sandal-toe	Yes		Yes	No	No	No
Side (left/right)	G / D					
Size	22 to 25	26 to 29	22 to 29	22 to 29	21 to 26	12/14/16/17/18/20
Max. Patient weight	100 kg / 220 lbs	125 kg / 275 lbs	100 kg / 220 lbs	100 kg / 220 lbs	100 kg / 220 lbs	45 kg / 99 lbs
Weight	390 g (size 25)		410 g (size 25)	455 g (size 25)	415 g (size 22)	130 g (size 14)
Heel height (T)	10 mm		18 mm	18 mm	35 mm	12 mm
Activity level	1-2					

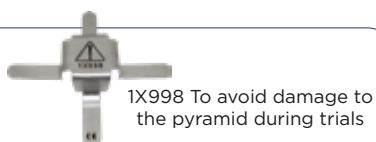
- S.A.C.H. feet come with a medium heel insert. To optimize shock absorption at heel strike, the insert can be replaced by a softer or a harder one.

Item N°.	Side	Size
	G- left D- right	12/14/16/17/18/20 21 to 29

For Item N°. 1A111 / 1A118 / 1A128			
Size / Inserts	22 to 23	24 to 27	28 to 29
Soft	1A11120-1S	1A11120-2S	1A11120-3S
Medium	1A11120-1N	1A11120-2N	1A11120-3N
Hard	1A11120-1F	1A11120-2F	1A11120-3F

For Item N°. 1A21		
Size / Inserts	21 to 24	25 to 26
Soft	1A11120-1S	1A11120-2S
Medium	1A11120-1N	1A11120-2N
Hard	1A11120-1F	1A11120-2F

Upper Link	
Multi-axis Ankle	
Pyramid adapter	
Fixed tubular base	
Wooden base	



1X998 To avoid damage to the pyramid during trials





1A200-

Side: G- left, D- right  
Size: 22-29  
Color: H- Light, BH- Ebony



1X998 To avoid damage to the pyramid during trials

## Gery foot aims at providing low level users all the assistance they deserve

It greatly assists your patient's ability to ambulate with its lightweight design and accommodates heel heights ranging from 5 mm to 20 mm (.2" to .8"). The Gery is easily cleaned with water and resistant to dirt thanks to its closed cell EVA foam.

- Engineered specifically for the low level activity, AK & BK population.
- Rated up to 150kg / 330lbs.
- Re-engineered with a new core.
- 1 Year warranty.
- 100% Waterproof.
- Comfort design that reduces residual limb pain.
- Lightweight EVA structure  $\approx$  30% lighter than a SACH foot !
- Easy step completion thanks to its profiled core.
- Malleolar clip included.

### TECHNICAL FEATURES

Item N°.	1A200	
Color	Caucasian	Ebony
Side (left/right)	G / D	
Size	22 to 29 cm	
Weight (Size 25)	395g / 0.87 lbs	
Build Height	82 mm (3.22" )	
Heel height (T)	from 5mm to 20 mm. (.2" to .8")	
Max. Patient weight	150kg / 330lbs	
Activity level	1-2	
Water Resistance	Waterproof	





# FOOT SHELLS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

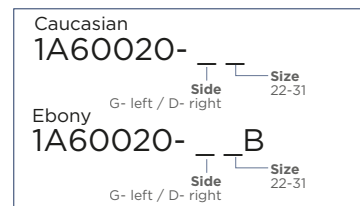
## Foot Shells

- Default
- On request

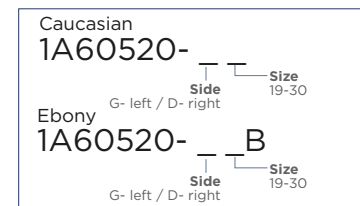


Profile	Proteor Foot	Rush Foot	Gen 3 Mid Profile	Gen 3 Mid Profile	Gen 2 High Profile	Gen 2 Mid Sandal toe	Kinnex 2.0 Mid Profile	Kinnex 2.0 Sandal toe
Part number	1A60020	1A60520	FTC-3M-0	FTC-3M-1	FTC-2H-1	FTC-2M-1	FTC-3K-1	FTC-2K-1
Cap	Yes	Yes	Yes	No	No	No	No	No
Size	22 to 30	19 to 30	22 to 31	22 to 31	22 to 31	22 to 28	24 to 30	24 to 28
Skin Tone	Caucasian or Ebony	Caucasian or Ebony	● Light or ● Medium or ● Dark					
Toe	Regular	Regular	Regular	Regular	Regular	Sandal	Regular	Sandal
Side	G or D	G or D	L or R					
Kinnex 2.0							●	●
Kinterra			●	○		●		
Dynadapt			●	○	○	●		
Agilix			●	○	○	●		
Sierra			●	○	○	●		
Pacifica & LP			●	○		●		
Highlander & Max			●	○		●		
Dyna C	●							
Dynatrek	●							
Dynastar	●							
Dynacity	●							
Rush Hipro		●						
Rush Rampage LP		●						
Rush Hipro Rogue		●						
Rush Collection		●						
Rush Rover		●						
Rush Kid		●						
Rush Chopart		●						

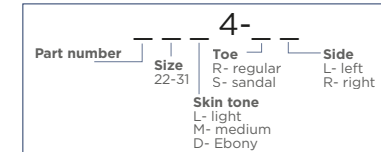
Item N° for Proteor Foot suitable Footshell



Item N° for Rushfoot suitable Footshell



Item N° for Freedom Foot suitable Footshell





# COMPONENTS

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Components

- Foot Adapter
- Tube clamps & pylons
- Adapters
- Connectors
- Heavy duty components
- Lamination adapter
- 4 Hole adapter






# FOOT ADAPTER

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)



## Pyramid base

• Pyramid bases are convenient for any foot receiving a M10 screw (or M6 for 1D38), they provide adjustment of equinus and inversion/eversion of the foot

	Item N°.	Designation	Max Patient Weight	Material	Weight	Connection	TH	BH
	1D38	Aluminun and stainless steel PYRAMID BASE	45 Kg / 99 lbs	Aluminum + Steele	45 g / 0.10 lbs	Male pyramid M36 screw	18 mm / 0.71"	7 mm / 0.28"
	1D43	Aluminum PYRAMID BASE	100 kg / 220 lbs	Aluminum	100 g / 0.22 lbs	Male pyramid M10 screw	23 mm / 0.90"	7 mm / 0.28"
	1D44	Stainless steel PYRAMID BASE	125 kg / 275 lbs	Stainless steel	130 g / 0.29 lbs	Male pyramid M10 screw	21 mm / 0.83"	7 mm / 0.28"
	1D48	Titanium PYRAMID BASE	100 kg / 220 lbs	Titanium	90 g / 0.20 lbs	Male pyramid M10 screw	24 mm / 0.94"	7 mm / 0.28"

## Tubular base

• Tubular bases are convenient for any foot receiving a M10 screw.

	Item N°.	Designation	Max Patient Weight	Material	Weight	Screw	TH	BH
	1D05	Fixed Base	100 kg / 220 lbs	Aluminum	140 g / 0.31 lbs	M10 screw	41 mm / 1.61"	7 mm / 0.28"
	1D07	Base with Notch Type Equinus Adjustment: 7 × 3°	100 kg / 220 lbs	Aluminum	200 g / 0.44 lbs	M10 screw	59 mm / 2.32"	25 mm / 0.98"



# FOOT ADAPTER

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Wooden bases

- Wood bases for exoskeletal prosthesis are convenient for any foot receiving a M10 or M8 or M6 screw, they provide adjustment of equinus and inversion/eversion of the foot


	Item N°.	Designation	Max Patient Weight	Material	Weight	Connection	TH
	1D60	For Male S.A.C.H. Foot from 22 to 25 cm	100 kg / 220 lbs	Wood + Steele	480 g / 1.06 lbs	M10 screw	130 mm / 5.12"
	1D61	For Male S.A.C.H. Foot from 26 to 29 cm	100 kg / 220 lbs	Wood + Steele	500 g / 1.10 lbs	M10 screw	130 mm / 5.12"
	1D63	For Female S.A.C.H. Foot from 21 to 26 cm	80 kg / 176 lbs	Wood + Steele	440 g / 0.97 lbs	M8 screw	130 mm / 5.12"
	1D64	For Children S.A.C.H. Foot from 12 to 20 cm	60 kg / 132 lbs	Wood + Steele	250 g / 0.55 lbs	M6 screw	100 mm / 3.94"





# TUBE CLAMPS AND PYLONS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Tube Clamps and Pylons

	Item N°.	Designation	Max Patient Weight	Material	Weight	Total Height	Build Height
		1D52 Tube Ø 30 mm with Pyramid Receiver	100 Kg / 220 lbs	Aluminum	111 g / 0.24 lbs	130 mm / 5.12"	63 mm / 2.48"
		1D52-P6 Tube Ø 34 mm with Pyramid Receiver	125 kg / 275 lbs /	Aluminum	121 g / 0.27 lbs	130 mm / 5.12"	67 mm / 2.64"
		1D45 Ø 30 mm Aluminum tube with bonded aluminum Pyramid Receiver.	100 kg / 220 lbs	Aluminum	290 g / 0.64 lbs	440 mm / 17.32"	440 mm / 17.32"
		1D46 Ø 30 mm Aluminum tube with bonded titanium female pyramid adapter.	100 kg / 220 lbs	Aluminum + Titanium	280 g / 0.62 lbs	440 mm / 17.32"	440 mm / 17.32"
		1G01 Aluminium Tube - Ø 30 mm - 420 mm length	100 kg / 220 lbs	Aluminum	200 g / 0.44 lbs	420 mm / 16.54"	-
		1G0120 Aluminium tube Ø 30 mm - 200 mm length	100 kg / 220 lbs	Aluminum	95 g / 0.21 lbs	200 mm / 7.87"	-
		1G01-HD Aluminum tube Ø 34 mm - 420 mm length	150 kg / 330 lbs	Aluminum	235 g / 0.52 lbs	420 mm / 16.54"	-
		1G07 Aluminum tube Ø 22 mm - 300 mm length used for pediatric prosthesis	45 kg / 99 lbs	Aluminum	105 g / 0.23 lbs	300 mm / 11.81"	-
		ACC-00-20203-00 Carbon Pylon/Tube	226 kg / 500 lbs	Graphite	NC	305 mm / 12"	-

## Adapter ring

	Item N°.	Designation	Max Patient Weight	Material	Weight	Total Height	Diameter
		1X69 Designed for mounting components on tubes of different diameters.	100 kg / 220 lbs	Aluminum	29 g / 0.06 lbs	34 mm / 1.34"	from 30 to 22 mm from 1.18" to 0.87"
	1X70		100 kg / 220 lbs	Aluminum	20 g / 0.04 lbs	34 mm / 1.34"	from 30 to 25 mm from 1.18" to 0.98"



# ADAPTERS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Tube Clamp Adapters









	Item N°.	Designation	Max Patient Weight	Material	Weight	Total Height	Build Height
		1D39 Pediatric Tube Clamp Adapter with pyramid receiver used with the Ø 22 mm tube for child prosthesis.	45 kg / 99 lbs	Aluminum	45 g / 0.1 lbs	38 mm / 1.5"	12 mm / 0.47"
		1D40 Tube Clamp Adapter with pyramid receiver for tightening on Ø 30 mm tube.	100 kg / 220 lbs	Titanium	90 g / 0.2 lbs	50 mm / 1.97"	16 mm / 0.63"
		1D41 Tube Clamp Adapter with pyramid receiver for tightening on Ø 30 mm tube.	100 kg / 220 lbs	Aluminum	100 g / 0.22 lbs	47 mm / 1.85"	13 mm / 0.52"
		1D41-HD Tube Clamp Adapter with pyramid receiver for tightening on Ø 34 mm tube.	150 kg / 330 lbs	Aluminum	120 g / 0.26 lbs	55 mm / 2.17"	17 mm / 0.67"
		ACC-00-20201-00 Tube Clamp 34 mm	226 kg / 500 lbs	Titanium	NC	NC	NC
		1K182 Threaded Pyramid insert M36 x 1,5 mm	125 kg / 275 lbs	Stainless Steel	65 g / 0.14 lbs	28 mm / 1.10"	6 mm / 0.24"
		1K183 Rotating Pyramid Receiver M 36 x 1,5 mm Use with 1K179 or 1S145	150 kg / 330 lbs	Stainless Steel	75 g / 0.17 lbs	23 mm / 0.91"	14 mm / 0.55"
		1K184 Threaded Pyramid For screwing on 1P200-KD, 1P320-KD, 1P321-KD, 1P360-KD, 1P130-KD, 1P180-KD	125 kg / 275 lbs	Stainless Steel	94 g / 0.21 lbs	30 mm / 1.18"	15 mm / 0.59"



# connectors

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Double Adapters

	Item N°.	Designation	Max Patient Weight	Material	Weight	Total Height	Build Height
	1K207-032-HD	Double Pyramid Receiver. Avoid using a tube in tight spaces	150 kg / 330 lbs	Aluminum	100 g / 0.22 lbs	32 mm / 1.26"	32 mm / 1.26"
	1K207-045-HD				130 g / 0.29 lbs	45 mm / 1.77"	45 mm / 1.77"
	1K207-060-HD				145 g / 0.32 lbs	60 mm / 2.36"	60 mm / 2.36"
	1K207-075-HD				160 g / 0.35 lbs	75 mm / 2.95"	75 mm / 2.95"
	1K190	Double Pyramid Adapter	100 kg / 220 lbs	Stainless Steel	120 g / 0.27 lbs	36 mm / 1.42"	7 mm / 0.28"
	1K150	Double adapter including two pyramid receivers. Can be adjusted in height by shortening, which allows the CPO to accurately adjust the prosthesis height. It can also provide rotation adjustment.		Stainless Steel	109 to 170 g 0.24 to 0.37 lbs	40 to 100 mm 1.57 " to 3.94"	40 to 100 mm 1.57 " to 3.94"
	1K155	1K155: Threaded tube alone (in aluminum or steel)		Stainless Steel	119 g / 0.26 lbs	40 to 100 mm 1.57 " to 3.94"	40 to 100 mm 1.57 " to 3.94"
	1K151	Double adapter including a pyramid receiver and a pyramid. It allows for individual height adjustment of the prosthesis as its height can be shortened.		Stainless Steel	141 to 201 g 0.31 to 0.44 lbs	44 to 89 mm 1.73" to 3.50"	29 to 89 mm 1.42" to 3.50"







# connectors

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Connectors for Proteor knees

These connectors are necessary for the assembly of PROTEOR knees: 1M01 - 1M01-P6 - 1M10 - 1M10-P6 - 1M102 - 1M102-P6 - 1M102V - 1M102V-P6 - 1M112 - 1M113

This specific connection system allows you to select the most appropriate linking piece between the knee and the socket. The simplified shape of the upper part of the knee can receive the proximal linking piece using a M8 screw. The knees listed above must be ordered together with one of the following connectors. All these connectors provide a  $\pm 15^\circ$  socket rotation.





	Item N°.	Designation	Max Patient Weight	Material	Weight	Connection	Total Height	Build Height	Knee
	1K160	Pyramid Connector provides the male pyramid connection.	100 kg 220 lbs	Aluminum + Stainless Steel	70 g 0.15 lbs	M8	30 mm 1.18"	7 mm 0.27"	1M01 1M10 1M102 1M102V 1M113
	1K160-P6	Pyramid Connector for 125 kg knee provides the male pyramid connection.	125 kg 275 lbs	Aluminum + Stainless Steel	90 g 0.2 lbs			8 mm 0.31"	1M01-P6 1M10-P6 1M102-P6 1M102V-P6
	1K163	Pyramid Connector provides the male pyramid connection.	100 kg 220 lbs	Stainless Steel	100 g 0.22 lbs				1M01 1M10 1M102 1M102V 1M113
	1K164	Pediatric Pyramid Connector provides the male pyramid connection to the 1M112 knee	45 kg 99 lbs	Stainless Steel	86 g 0.19 lbs g		21 mm 0.83"	9 mm 0.35"	1M112
	1K20	This Ø 30 mm Tube Clamp provides a long and lightweight link between the knee and a short residual limb socket. To be assembled using Adapter 1K14	100 kg 220 lbs	Aluminum + Steel	210 g 0.46 lbs	Tube Ø 30 mm M8	218 mm 8.58"	210 mm 8.27"	
	1K30	Aluminum Linking plate is convenient for assembly to the distal end of a transfemoral socket with European 4-hole pattern	100 kg 220 lbs	Aluminum	80 g 0.18 lbs	M8	21 mm 0.83"	13 mm 0.51"	



# HEAVY DUTY COMPONENTS

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Heavy duty components



















	Item N°.	Designation	Max Patient Weight	Material
	ACC-00-20201-00	Tube Clamp 34 mm	226 kg / 500 lbs	Titanium
	ACC-00-20202-00	4 Ear Connector for 34 mm System	226 kg / 500 lbs	Titanium
	ACC-00-20203-00	Carbon Pylon/Tube 305 mm / 12" length	226 kg / 500 lbs	Graphite
	KIT-00-20200-00	Complete Kit ACC-00-20201-00 + ACC-00-20202-00 + ACC-00-20203-00	226 kg / 500 lbs	



# Lamination adapter

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Lamination adapters.




	Item N°.	Designation	Max Patient Weight	Material	Weight	Total Height	Build Height
	 1K40	Used for knee disarticulation or long residual limb. M8 connection J. Bracket	125 kg 275 lbs	Steel	120 g 0.26 lbs	120 mm 4.72"	6.5 mm 0.24"
	 1K173	3-prong anchor with pyramid.		Stainless Steel	150 g 0.33 lbs	65 mm 2.56"	12 mm 0.47"
	 1K176	3-prong anchor with rotating receiver.		Aluminum + Stainless Steel	205 g 0.46 lbs	68 mm 2.68"	25 mm 0.98"
	 1K177	3-prong anchor with rotating pyramid.	100 kg 220 lbs	Stainless Steel	225 g 0.50 lbs	76 mm 2.99"	17 mm 0.67"
	 1K179	Transfemoral Threaded base 3-Prong Lamination Adapter for Knee Disarticulation, delivered with a spacer. To use with M36 Threaded knees or Threaded inserts.	150 kg 330 lbs	Stainless Steel	125 g 0.28 lbs	45 mm 1.77"	12 mm 0.47"
	 1K202	4-ear Lamination Anchor	125 kg 275 lbs	Titanium	55 g 0.12 lbs	32 mm 1.26"	10 mm 0.39"
	 1K203	4-ear Lamination Anchor HD Heavy duty.	150 kg 330 lbs	Stainless Steel	85 g 0.19 lbs	32 mm 1.26"	10 mm 0.39"
	 1K204	4-ear Offset Lamination Anchor HD Transtibial adapter with 9mm axial offset of the pyramid.	150 kg 330 lbs	Stainless Steel	113 g 0.25 lbs	32 mm 1.26"	11 mm 0.43"
	 ACC-00-20202-00	4 Ear Connector for 34 mm System	226 kg 500 lbs	Titanium	NC	NC	NC



















# 4-HOLE ADAPTER

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Socket attachment device

	Item N°.	Designation	Max Patient Weight	Material	Weight	Total Height	Build Height	
		1K90	Junction Cup with European 4-Hole Pattern for Lamination or Thermoforming This cup allows to connect components to the distal end of the socket.	125 kg 275 lbs	Aluminum	50 g 0.11 lbs	22 mm 0.87"	6 mm 0.24"
		1S108	Adapter for 1K90		Plastics	15 g 0.03 lbs	17.5 mm 0.67"	17.5 mm 0.67"
		1K95	Child Junction Cup for Lamination or Thermoforming. It allows to connect components with 4-hole 30 mm pattern to the distal end of the child socket	45 kg 99 lbs	Aluminum	45 g 0.10 lbs	22 mm 0.87"	5 mm 0.2"

## 4-Hole adapters.

		Item N°.	Designation	Max patient weight	Material	Weight	Total Height	Build Height
		1K206	Pyramid Adapter for Child Socket	45 kg 99 lbs	Aluminum + Stainless steel	45 g 0.10 lbs	18 mm 0.71"	6 mm 0.24"
		1K172	Stainless Steel Pyramid Receiver for Socket adapter features European 4-hole pattern and a pyramid receiver allowing for tilt adjustment of the socket.	125 kg 275 lbs	Stainless steel	100 g 0.22 lbs	16 mm 0.63"	16 mm 0.63"
		1K66	4-hole Receiver Socket adapter features European 4-hole pattern and a pyramid receiver allowing for tilt adjustment of the socket and rotation adjustment.	125 kg 275 lbs	Titanium	93 g 0.20 lbs	26 mm 1.02"	26 mm 1.02"
		1K205	4-hole Pyramid Socket adapter features European 4-hole pattern and a pyramid adapter allowing for tilt adjustment of the socket.	125 kg 275 lbs	Stainless steel	80 g 0.18"	22 mm 0.87"	22 mm 0.87"
		1K60	4-hole Pyramid Socket adapter features European 4-hole pattern and a pyramid adapter allowing for tilt adjustment of the socket and rotation adjustment.	125 kg 275 lbs	Titanium	106 g 0.23 lbs	23 mm 0.90"	23 mm 0.90"
		1K209	4-hole Pyramid Socket Adapter features European 4-hole pattern and a pyramid adapter allowing for tilt adjustment of the socket.	125 kg 275 lbs	Titanium	46 g 0.10 lbs	22 mm 0.87"	8 mm
		1K14	Ø 30 mm Tubular Link providing connection between a 30 mm Ø tube and a socket with a 4-hole plate.	100 kg 220 lbs	Alumimum	60 g 0.13 lbs	32 mm 1.26"	32 mm 1.26"
		1K14-P6	Ø 34 mm Tubular Link providing connection between a 34 mm Ø tube and a socket with a 4-hole plate	125 kg 275 lbs	Alumimum	76 g 0.17 lbs	42 mm 1.65"	42 mm 1.65"



# LinERS and sockets

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Sockets

- Keasy
- Liners
  - Stepline plus
  - Stepline HD
  - Sealing ring
- Sockets
  - Adjustable temporary socket
  - Temporary fitting system
  - Temporary prosthesis kit
- Locks & valves
- Cosmetics



## Keasy

**KEASY has established itself over the years as the unique pltem N°.abricated cone allowing to manufacture rapidly quality finished thermoformed liners.**

A unique pltem N°.abricated cone, the KEASY has established itself due to the offered ability to rapidly create quality, finished thermoformed liners.

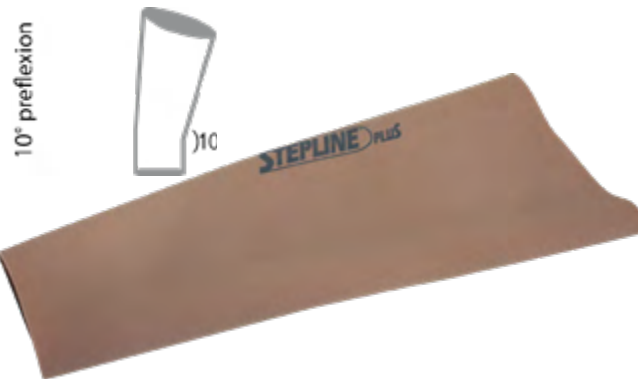
No welding, no gluing, and seamless, the KEASY minimizes allergenic risks while providing comfort. Fabrication and finishing time are shortened with easy thermoforming, cutting and sanding abilities. Changes in limb volume can be accommodated by gluing extra material to the outer surface. Closed cell structure keeps perspiration and cleaning products from penetrating the material for easy cleaning.



Item N°.	Use	Length	Ø Proximal	Profile	Distal Thickness	Packaging
Keasy Comfort						
1S402-110	BK small Upper limb	305 12"	110 mm 4.33"	5 mm 0.2"	8 mm 0.31"	x 1
1S402-110#12						x 12
1S400-10	BK, Long & thin	500 mm 19.68"	130 mm 5.12"	6,5 mm 0.24"	10 mm 0.4"	x 1
1S400-130#24						x 24
1S400-160	BK Short & medium	400 mm 15.75"	160 mm 6.3"	6,5 mm 0.24"	10 mm 0.4"	x 1
1S400-160#24						x 24
1S400-180	BK Short & medium	500 mm 19.68"	180 mm 7.09"	6,5 mm 0.24"	15 mm 0.6"	x 1
1S400-180#12						x 12
1S400-195	BK XL	510 mm 20.08"	195 mm 7.67"	6,5 mm 0.24"	10 mm 0.4"	x 1
1S400-195#9						x 9
1S400-210	AK	500 mm 19.68"	210 mm 8.27"	6,5 mm 0.24"	10 mm 0.4"	x 1
1S400-210#6						x 6
1S400-230	AK XL	510 mm 20.08"	230 mm 9.05"	6,5 mm 0.24"	10 mm 0.4"	x 1
1S400-230#6						x 6
Keasy interface						
1S401-170	BK Short & medium	420 mm 16.53"	270 mm 10.63"mm	3 mm 0.12"	10 mm 0.4"	x 1
1S401-170#12						x 12



## STEPLINE PLUS



### STEPLINE PLUS Sealing Sleeve.

The STEPLINE PLUS sealing sleeve is made from our copolymer gel and features a durable fabric outer-covering that offers great durability and flexibility. The STEPLINE PLUS is available in two colors.

Item N°.	Material	Length	Profile	Distal Circumference	Proximal Circumference	Color
1S500-M	Copolymer Gel	350 mm 13.78"	3 mm 0.12" regular	21 to 30 cm 8.27" to 11.81"	29 to 43 cm 11.12" to 16.93"	Beige
1S500-L				28 to 48 cm 11.02" to 18.90"	36 to 51 cm 14.17" to 20.08"	
1S500-LP				31 to 46 cm 12.20" to 18.11"	39 to 55 cm 15.35" to 21.65"	
1S500-XL				34 to 50 cm 13.38" to 19.68"	42 to 60 cm 16.53" to 23.62"	
1S500-XXL				36 to 55 cm 14.17" to 21.65"	44 to 70 cm 17.32" to 27.56"	
1S510-M				21 to 30 cm 8.27" to 11.81"	29 to 43 cm 11.12" to 16.93"	Grey
1S510-L				28 to 48 cm 11.02" to 18.90"	36 to 51 cm 14.17" to 20.08"	
1S510-LP				31 to 46 cm 12.20" to 18.11"	39 to 55 cm 15.35" to 21.65"	
1S510-XL				34 to 50 cm 13.38" to 19.68"	42 to 60 cm 16.53" to 23.62"	
1S510-XXL				36 to 55 cm 14.17" to 21.65"	44 to 70 cm 17.32" to 27.56"	

### STEPLINE PLUS PREFLEX Sealing Sleeve.

Sealing sleeve with 10° pre-flexion. Designed to minimize discomfort during flexion.

Item N°.	Material	Length	Profile	Distal Circumference	Proximal Circumference	Color
1S520-S	Copolymer Gel	340 mm 13.39"	3 mm 0.12" regular	28 to 48 cm 11.02" to 18.90"	36 to 51 cm 14.17" to 20.08"	Beige
1S520-M				31 to 46 cm 12.20" to 18.11"	39 to 55 cm 15.35" to 21.65"	
1S520-L				34 to 50 cm 13.38" to 19.68"	42 to 60 cm 16.53" to 23.62"	
1S520-XL				36 to 55 cm 14.17" to 21.65"	44 to 70 cm 17.32" to 27.56"	

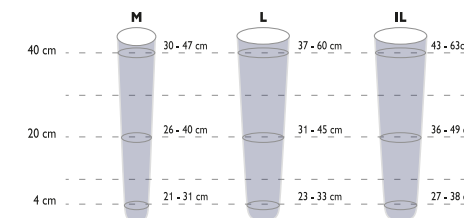
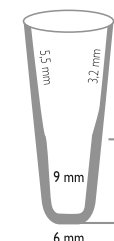




## STEPLINE PLUS Tapered

To ensure comfort of conical and sensitive residual limbs, the STEPLINE PLUS Tapered liner has been designed with an increased 6 mm thickness in its distal part.

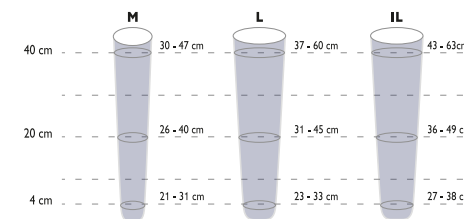
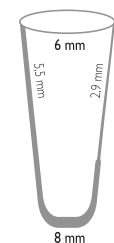
Item N°.	Distal Attachment	Size	Profile	Distal Thickness	Color
1S356T-4	Yes	M	3 mm / 0.12" posterior 6 mm / 0.24" anterior	6 mm 0.24"	Skin color
1S356T-5		L			
1S356T-5B		IL			
1S366T-4	No	M			
1S366T-5		L			
1S366T-5B		IL			



## STEPLINE PLUS Evolution

It includes in its front part a flexible textile cover which allows liner stretching and minimizes discomfort during knee flexion. The resistant fabric of its back side reduces lengthening to minimize "pistoning" effect while enhancing stability.

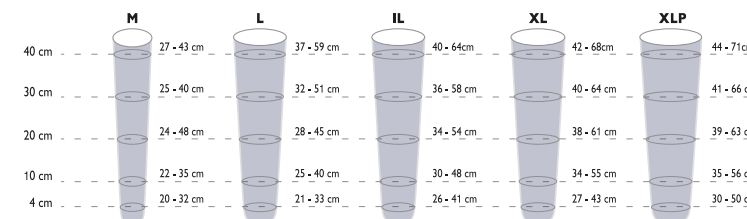
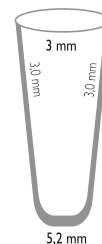
Item N°.	Distal Attachment	Size	Profile	Distal Thickness	Color
1S356E-4	Yes	M	2.9 mm / 0.11" posterior 6.5 mm / 0.26" anterior	8 mm 0.31"	Skin color Grey
1S356E-5		L			
1S356E-5B		IL			
1S366E-4	No	M			
1S366E-5		L			
1S366E-5B		IL			



## STEPLINE PLUS AK

This model of STEPLINE PLUS is appropriate for any type of trans-femoral residual limb.

Item N°.	Distal Attachment	Size	Profile	Distal Thickness	Color
1S356A-4	Yes	M	3 mm 0.12"	5.2 mm 0.2"	Grey
1S356A-5		L			
1S356A-6		IL			
1S356A-7		XL			
1S356A-8	No	XPL			
1S366A-4		M			
1S366A-5		L			
1S366A-6		IL			
1S366A-7		XL			
1S366A-8		XPL			





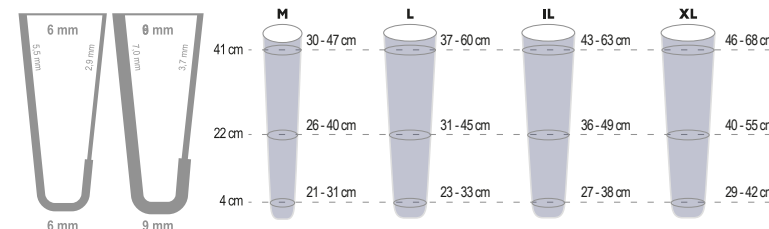
## STEPLINE HD liners are made of copolymer gel with an inner coating that ensures Hygiene and Durability.

- An ultrathin velvety biocompatible coating has been applied on the gel area. It helps limiting embedded impurities that may appear on the part of the liner in contact with the skin when the patient is wearing it. Moreover, it can be cleaned more easily. Unpleasant smells are reduced and the patient's everyday comfort is improved.
- The skin color external fabric is wear-resistant.
- The features of the copolymer gel are identical to those of the STEPLINE PLUS liners: distribution of pressure for patients having a particularly sensitive residual limb (healing, with multiple trauma, diabetic patients with arterial disease, ...)
- Design: thicker in the front to protect bony areas ; thinner in the back to help knee flexion.
- Recommended for trans-tibial patients

### STEPLINE HD Locking Liner

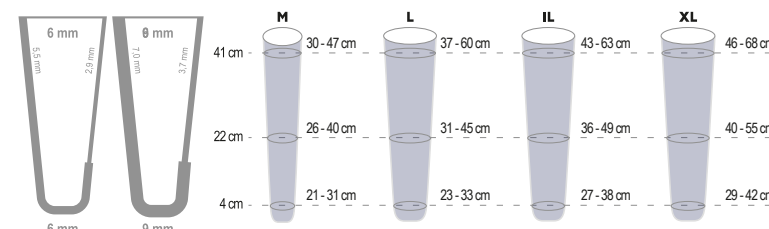
The distal cup made of gel and aluminum alloy can suit any M10 pin.

Item N°.	Distal Attachment	Size	Profile	Distal Thickness	Matrix
1S356H-4	Yes	M	3 mm / 0.12" posterior 6 mm / 0.24" anterior	6 mm 0.24"	10 cm 3.94"
1S356H-5		L			
1S356H-5B		IL			
1S356H-6		XL			
1S359H-4		M		9 mm 0.35"	
1S359H-5		L			
1S359H-5B		IL			
1S359H-6		XL			



### STEPLINE HD without Distal Attachment

Item N°.	Distal Attachment	Size	Profile	Distal Thickness	Matrix
1S366H-4	No	M	3 mm / 0.12” posterior 6 mm / 0.24” anterior	6 mm 0.24”	No
1S366H-5		L			
1S366H-5B		IL			
1S366H-6		XL			
1S369H-4		M	3 mm / 0.12” posterior 9 mm / 0.35” anterior	9 mm 0.35”	
1S369H-5		L			
1S369H-5B		IL			
1S369H-6		XL			







## STEPLINE Sock

Made of 80 % cotton and 20 % nylon textile, STEPLINE socks can be used in direct contact with the skin to drain damp residual limb and limit skin irritations. Used outside a liner, they compensate volume changes. They can be machine washed at 60°C.

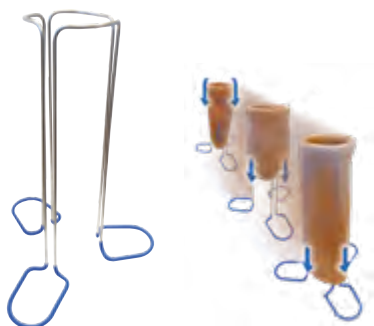
Item N°.	Length	For Liner with Distal Attachment
1X300	20, 25, 30, 35, 40, 45, 50, 55, 60 cm 7.87", 9.84", 11.81", 13.78", 15.75", 17.72", 19.68", 21.65", 23.62"	No
1X301	25, 30, 35, 40, 45, 50 cm 7.87", 9.84", 11.81", 13.78", 15.75", 17.72", 19.68"	Yes

## Sealing ring

This silicone sealing ring has to be bonded onto the liner of lower or upper limb amputees. By creating vacuum between the socket and the liner, it provides the prosthesis suspension through depressurization for patients without locking device. Available in 4 sizes (from 2 to 5) it is suitable for any case.



Item N°.	Size	Ø Distal	Adhesive included
1S950-02	2	16 to 22 cm / 6.3" to 8.67"	Yes
1S950-03	3	20 to 38 cm / 7.87" to 14.96"	
1S950-04	4	30 to 48 cm / 11.81" to 18.90"	
1S950-05	5	40 to 55 cm / 15.75" to 21.65"	
1S950-12	2	16 to 22 cm / 6.3" to 8.67"	No
1S950-13	3	20 to 38 cm / 7.87" to 14.96"	
1S950-14	4	30 to 48 cm / 11.81" to 18.90"	
1S950-15	5	40 to 55 cm / 15.75" to 21.65"	
1S950-90	Spray donning aid for sealing ring		



## Step-In

Step-In is a multi-purpose support designed to easily Item N°.lect and assist in donning, drying, and cleaning of liners of any kind (copolymer gel, silicone gel, silicone, etc).

Item N°.	Height	Packaging
1S900	39 cm	Unit
1S900#5	15.35"	Set of 5



## Adjustable temporary socket.





This socket with adjustable closing allows an easy fitting for patients with recent transfemoral amputation.

- A wide range of adult and child sizes.
- A suspension system is necessary (suspenders).
- We strongly recommended to protect the residual limb with cotton tubular jersey.

### TECHNICAL FEATURES

Item N°.	Side	Item N°. line	Circumference of residual limb base	Height Perineum / Socket End	Lower Connection	Use
1N06	-G / -D	3438	34 to 38 cm / 13.39" to 14.96"	26,5 cm / 10.43"	1N106	Adult
	-G / -D	3943	39 to 43 cm / 15.35" to 16.93"			
	-G / -D	4448	44 to 48 cm / 17.32" to 18.90"			
	-G / -D	4953	49 to 53 cm / 19.29" to 20.87"			
	-G / -D	5458	54 to 58 cm / 20.26" to 22.83"			
	-G / -D	5963	59 to 63 cm / 23.23" to 24.80"			
1N07	-G / -D	3033	30 to 33 cm / 11.81" to 12.99"	21,5 cm / 8.46"	1N107	Child
	-G / -D	3438	34 to 38 cm / 13.39" to 14.96"			

### ORDER ONE OF THE FOLLOWING TO COMPLETE YOUR ORDER

	Item N°.	Designation
	1N106	Linking Device for Temporary Adult Prosthesis
	1N107	Linking Device for Temporary Child Prosthesis
	TJ001/2/3/4/5	Cotton Tubular Jersey
	1X170	Suspenders for Temporary Prosthesis





## Temporary fitting system

This temporary fitting system consists of 3 splints and a multipurpose cup. It can be used rapidly to fit trans-tibial and trans-femoral adults and children with temporary or trial socket. It allows easy alignments. Cost efficient and practical: the cup can be re-used to manufacture the laminated or thermoformed final socket.



### TECHNICAL FEATURES

Item N°.	Designation	Weight	Use	Possible Lower Connection
1N100	Splints and cup	400 g 0.88 lbs	Adult Trans-Femoral Socket	1K172
			Adult Trans-Tibial Socket	1K205
			Child Trans-Femoral Socket	1K206
1N101	3 stainless steel splints, 2 mm / 0.08" thick, with screws			1N107



### SUB-ISCHIAL SUPPORTS

Item N°.	Designation	Length	Width	Material
1X25313	These pre-cut materials allow rapid manufacture of sub ischial supports for duraluminium sockets or walking devices.	470 mm 18.50"	57 mm 2.24"	Duraluminium
1X25318		400 mm 15.75"	53 mm 2.09"	



1X25313/18



## Temporary prosthesis component kit

To facilitate the work of CPOs, we have created the following component kits for the manufacture of temporary prostheses for adults or children.







Item N°.	Kit Description	1K163	1K164	1K172	1K205	1M10	1M102	1M112	1G01	1G07	1D41	1D44	1D39	1D38	1N106	1N107	1N100
1E101	Kit for a trans-femoral child prosthesis 1M112		•					•		•			•	•		•	
1E116	Kit for temporary trans-femoral adult prosthesis 1M10	•				•			•		•	•			•		
1E135	Kit for temporary trans-femoral adult prosthesis 1M10	•		•		•			•		•	•					•
1E136	Kit for temporary trans-femoral adult prosthesis 1M102	•		•			•		•		•	•					•
1E110	Kit for temporary trans-tibial adult prosthesis				•				•		x2	•					•







# LOCKS and VALVES

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Valves for thermoformable transfemoral socket

	Use	Item N°.	Valve
	<b>Valve Seat for Thermoformed Socket</b> This valve seat will be placed on the positive model and fixed while socket thermoforming. The assembly is sealed by a joint.	1X21	 1X16: Ø 30 mm / 1.18'' Silicone Valve
	<b>Removable Valve Seat</b> This seat valve will be fitted on thermoformable rigid plastics or soft plastics which will be laminated afterwards. Use 1X4750 tool to set up.	1X47	
	<b>Valve Seat and Removable Seat</b> This seat valve will be fitted on thermoformable rigid plastics or soft plastics which will be laminated afterwards. Use 1X10150 tool to set up. 1X10158 wrench allows to screw the valve to the seat valve. 1X10159 wrench allows to fit the seat valve on the socket.	1X10140	Included

## Accessoire pour valve fémorale

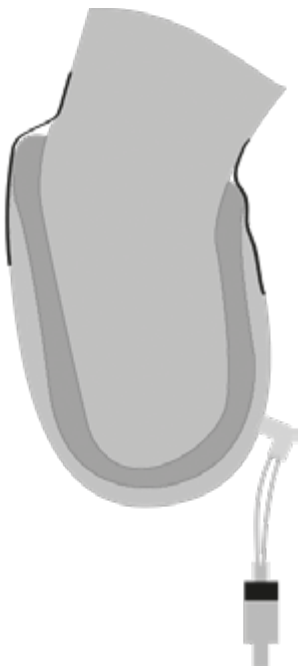
	Use	Item N°.	Valve
	<b>Plastic Valve Seat for Gluing</b> This valve seat will be glued on an endoskeletal trans-femoral wooden or aluminium socket.	1X18	 1X16: Ø 30 mm / 1.18'' Silicone Valve
	<b>Valve Seat to Glue, without Tube</b> This valve seat will be glued on an endoskeletal trans-femoral laminated or wooden socket.	1X15	
	<b>Rigid Hole Shuttle Housing</b> To be glued on a wooden or laminated traditional socket.	1X45	



# LOCKS and VALVES

## One-way valve for transtibial prosthesis

The one way valve is designed only for lower limb prosthesis. It reduces pulling effects sometimes observed with distal attachment systems and allows for easy cleaning.



1 silicone tube



1 expulsion valve



2 bent adapters



2 straight adapters



1 polyamide tube



### TECHNICAL FEATURES




Item N°.	Use	Operation
1S160	Transtibial	Automatic



# LOCKS and VALVES

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Depressurizing Valves






	Use	Description	Item N°.
	<b>Depressurizing Valves for Transtibial Socket</b> Allows a firm suspension of the prosthesis onto the residual limb, due to automatic air expulsion. Easy to use for the patients.	Valve for BK Socket	1S162
	<b>Depressurizing Valves for Transfemoral Socket</b> Allows a firm suspension of the prosthesis onto the residual limb, thanks to manual air expulsion or automatic one. The cap has a quick opening system (1/4 turn), allowing to use a putting on aid for the prosthesis. Easy to use for the patient. A specific tool (1S164) can be used to set up the valve.	Valve for AK Socket	1S163
	<b>Specific Tool</b> Allows to set up, remove and configurate (manually or automatically) transfemoral valve 1S163.	Tool for 1S163 depressurizing Valve	1S164



# LOCKS and VALVES

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Locks for distal attachment





	Use	Material	Weight	Tools & Accessories	Item N°.
	<b>Locking Kit with Cord</b> The attachment device of the cord kit is screwed to the end of the liner. The cord goes through the bottom of the socket and is held by a fixing system outside the socket. Cord traction makes the residual limb stretch, so it can be introduced into the socket more easily. This kit is mainly appropriate for transfemoral patients, but can be offered to transtibial patients whose residual limb is too fleshy in its distal part. As action is generated by a manual traction on the cord instead of pressure on the residual limb, this kit is recommended for patients who are not satisfied by a locking kit with pin.	Plastics	50 g 0.11 lbs	Included	1S101
	<b>Locking Kit with Notched Pin</b> This locking system is mainly appropriate for transtibial patients. A sound effect when putting on the prosthesis indicates the prosthesis is correctly set up and reassures the patient. To take off the prosthesis, the patient simply presses a push button that will release the liner.	Plastics + Aluminum	85 g 0.19 lbs	1S112: Centring Tool 1S105: European 4-Hole Adapter	1S103
	<b>Locking Kit with Smooth Pin and Large Cup</b> This kit with push button and smooth pin is fitted with a device that locks the pin, allowing accurate positioning. Its large cup (Ø 75 mm / 2.95") is particularly appropriate for residual limbs with large volume, such as transfemoral ones. Pin length: 30 mm / 1.18"	Plastics	95 g 0.21 lbs	1S118-1: Tools for lamination / thermoforming 1S112: Centring Tool	1S116-1
	<b>Locking Kit with Smooth Pin and Small Cup</b> This kit with push button and smooth pin is fitted with a device that locks the pin, allowing accurate positioning. Its small cup (Ø 57 mm / 2.27") is particularly appropriate for residual limbs with low volume, such as transtibial ones. Pin length: 30 mm / 1.18" 1S11710: cup only	Plastics	90 g 0.20 lbs	1S119-1: Tools for Lamination / Thermoforming 1S112: Centring Tool	1S117-1
	<b>Locking Kit with Smooth Pin and Large Cup for 1K90</b> This kit with push button and smooth pin is fitted with a device that locks the pin, allowing accurate positioning. Thanks to its large cup (Ø 75 mm / 2.95"), it is particularly appropriate for residual limbs with large volume, such as transfemoral ones. It is designed for assembly with 1K90 cup which is not included in the kit. Pin length: 30 mm / 1.18"	Plastics	105 g 0.23 lbs	1S128: Tools for Lamination / Thermoforming 1S112: Centring Tool	1S136-1



# LOCKS and VALVES

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Locks for distal attachment







	Use	Material	Weight	Tools & Accessories		Item N°.
	<b>Locking Kit with Smooth Pin, Small Cup and Adapter for 1K90</b> This kit with push button and smooth pin is fitted with a device that locks the pin, allowing accurate positioning. Its small cup (Ø 57 mm / 2.27") is particularly appropriate for residual limbs with low volume, such as transtibial ones. It is designed for assembly with 1K90 cup which is not included in the kit.	Plastics	100 g 0.22 lbs	1S129: Tools for Lamination / Thermoforming 1S112: Centring Tool		1S137-1
	<b>Locking Kit with Smooth Pin and Vertical Pulling</b> This locking kit with pin is operated by vertical tab pulling. Control of unlocking can be displaced through a handle fitted on the side of the socket. 2 pins are supplied: a smooth pin that provides fine adjustment of the liner, and a smooth pin with notched end allowing the patient to know if the pin is well engaged and providing accurate adjustment. Ø 45 mm / 1.77" cup.	Plastics + Aluminum	85 g 0.19 lbs	1S141: Tools for Lamination / Thermoforming 1S129: Tool for Lamination / Thermoforming, used with 1S142 1S112: Centring Tool 1S142: Adapting Kit for assembly with 1K90 cup 1X110: Handle for displaced control of unlocking		1S140
	<b>Locking Kit with Notched Pin and Rack Adjustment</b> 1S145 locking kit provides very fine adjustment thanks to its rack system which avoids any slack in the bottom of the socket. It comes with a lamination prong for the upper connection and the tools needed for lamination. The lower connection is provided by screwing a threaded pyramid insert (1K182) or a threaded Receiver insert (1K183).	Aluminum + Stainless steel	125 g 0.28 lbs	1K182: Threaded Pyramid insert 1K183: Threaded Receiver insert		1S145
	<b>Smooth Pin</b>	-	-	Pin length	30 mm 1.18"	1S11632
					36 mm 1.42"	1S11636-1
					50 mm 1.97"	1S11633



# LOCKS and VALVES

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Tools and accessories for lock





	Use	Material	Weight	Item N°.
	<b>European 4-Hole plate</b> This cup allows to fit any European 4-hole linking component (4 x M6, 36 mm / 1.42") on a knee. Comes with its protective tools.	Aluminum	75 g 0.16 lbs	1S105
	<b>Centring Tool</b> Fitted on the end of a positive model previously slightly levelled, the 1S112 tool allows to install a pin lock. It will be taken off (for re-use) when the positive model is broken down. Used for item No 1S103, 1S116-1, 1S117-1, 1S136-1, 1S137-1, 1S140	Plastics	-	1S112
	<b>Forming Tool for 1S116-1</b> 1S118-1 tool allows to keep enough space at the bottom of the socket to receive 1S116-1 locking kit with smooth pin.	Plastics	-	1S118-1
	<b>Forming Tool for 1S117-1</b> 1S119-1 tool allows to keep enough space at the bottom of the socket to receive 1S117-1 locking kit with smooth pin.	Plastics	-	1S119-1
	<b>Forming Tool for 1S136-1</b> 1S128 tool allows to keep enough space at the bottom of the socket to receive 1S136-1 locking kit with smooth pin and adapter.	Plastics	-	1S129
	<b>Tools for 1S140</b> This tooling kit allows to keep enough space at the bottom of the socket to receive 1S140 locking kit. It comes with a short and a long pipe used according to the type of endoskeletal or exoskeletal socket. A drilling and screwing set is also supplied for easier assembling of the different items.	Special treated steel		1S141



# LOCKS and VALVES

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Tools and accessories for lock

	Use	Material	Weight	Item N°.
	<b>Adapting Kit for Assembly on a Cup</b> 1S142 adapting kit allows to fit 1S140 locking kit with pin on 1K90 cup (not included in the kit). This kit includes a Ø 57 mm / 2.24" cup and the screws needed to assemble the items. The use of 1S129 tool is necessary.	Plastics	15 g 0.03 lbs	1S142
	<b>Handle for Displaced Control of Unlocking</b> 1X110 handle allows to displace control of unlocking to a place that is more accessible for the patient. It is appropriate for 1M102V and 1M102V-P6 locking knees.	Plastics	25 g 0.05 lbs	1X110
	<b>Threaded Pyramid Insert</b> This pyramid is screwed to the lower end of 1S145 lock.	Plastics	65 g 0.14 lbs	1K182
	<b>Threaded Receiver Insert for 1S145 Lock</b> This receiver is screwed to the lower end of 1S145 lock. Threaded Receiver Insert for 1S145 Lock	Plastics	75 g 0.16 lbs	1X183



## Transfemoral 2-part cosmetic cover

- Does not interfere with knee unit or its settings.
- Lets clothing slip on the cosmetic cover without snagging it.

### TECHNICAL FEATURES

Shin Item N°.	Knee Cap Item No	Knee
1G21		1M01 / 1M10 / 1M01-P6 / 1M10-P6
1G21	1M10294	1M102 / 1M102V / 1M102-P6 / 1M102V-P6






### JUNCTION PLATES

Item N°.	Foot
1D20	S.A.C.H.
1D26	Child








## Pe & pu one-part cosmetic cover

	Prosthesis	Length	Color	Material	Diameter	Item N°.		Packaging
	BK	545 mm 21.46"	Caucasian	Polyurethane	max 200 mm / 7.87"	1G14		x 1
	BK	480 mm 18.90"		Polyethylene	Shin 147 mm / 5.79" Ankle 100 mm / 3.94"	1G17		x 1
						1G17#12		x 12
	1M01 1M01-P6 1M10 1M10-P6 1M102 1M102-P6 1M102V 1M102V-P6 1M03 1M05 1M112 1M113 1M115 1M149	900 mm 35.43"		Polyurethane	320 mm / 12.6"	Left	1G13-G32	x 1
						Right	1G13-D32	
						Left	1G13-G36	
						Right	1G13-D36	
						Left	1G13-G40	
						Right	1G13-D40	
400 mm / 15.75"	Left			1G13-G44				
	Right			1G13-D44				
440 mm / 17.32"	Left		1G13-G44					
	Right		1G13-D44					
	1P120 1P340 1P300 1P360		Polyurethane	440 mm / 17.32"	Left	1G16-G44	x 1	
		Right			1G16-D44			
	1P200 1P130	Polyurethane	360 mm / 14.17"	Left	1G18-G36	x 1		
				Right	1G18-D36			
				Left	1G18-G40			
				Right	1G18-D40			
				Left	1G18-G44			
				Right	1G18-D44			



## Plastazote one-part cosmetic cover

Both cosmetic covers are thermoformable at 100°.

	Prosthesis	Length	Color	Material	Diameter	Item N°.	Packaging
	BK	590 mm 23.23"	Caucasian	Plastazote	Proximal 170 mm / 6.69" Distal 100 mm / 3.94"	1G1510	x 1
	AK	245 mm 9.65"	Medium	Polyurethane	max 235 mm / 9.25"	1G1525	x 1
	AK	510 mm 20.08"	Caucasian	Plastazote	Proximal 190 mm / 7.48" Distal 125 mm / 4.92"	1G24	x 1



# ORTHOSIS

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Orthosis

- MultiMotion
- MultiStatic
- Ankles
  - Aflex
  - Tamarack
  - Oklahoma
  - Klenzack
  - 2C
  - Carbon inserts
  - Stirrups uprights
  - Half foot plate
  - Steel tubes for spurs
  - Tubes welded on a sole plate
  - Perlstein adjustable stop
  - Straight uprights with spurs
  - Adjustable uprights
- Knees
  - Odra
  - SPL
  - Knee joints
  - Uprights
- Knee braces
- Spinal Orthosis
  - Milwaukee
  - Lyon
  - Boston
  - Antikypnosis
  - Components





## Multimotion: dynamic corrective system joint

The Dynamic Corrective System Joint enables fast, efficient and adequate treatment of contractures resulting from neurological and orthopedic conditions. Functionality of the MultiMotion correction joint is based on the LLPS principles (Low Load Prolonged Stretch). This process of gradual, precise and evenly applied tension, stimulates the growth of the shortened tissue and increases joint mobility. The use of a low, ongoing correction force extends altered tissue, thereby increasing the functionality of the joint. Multimotion is deployed in orthoses – for both children and adults.

### Benefits for achieving therapy objectives:

- Improvement/rehabilitation of joint mobility
- Safe and step-wise joint mobilization
- Extension/mobilization of spastic musculature
- Strengthening of musculature
- Improvement of the resting posture
- Prevention of cartilage damage and ulcers

### Multimotion components

The MultiMotion dynamic corrective system is a combination of two components:

#### Dynamic corrective system joint

- Torque output possible in flexion or extension
- Range of Motion +120° to -120°
- Adjustable flexion and extension stops: Small in 14° increments, adult in 12° increments
- Locking- and unlocking possible in virtually any position
- Torque output adjustable from 0 Nm to max: 3,4 Nm for small / 10,2 Nm for adult
- Medial and lateral access to torque output set screw
- Material: steel/stainless steel, brass and PA/ABS plastic
- Housing diameter: 35 mm small / 53 mm adult
- Joint thickness: 23 mm small / 29 mm adult
- Width bar connection: 12mm small / 16 mm adult

#### Free motion joint

- Free motion -135° to +135°
- Material: aluminium, steel, PA plastic
- Width bar connection: 12 mm (Small), 16 mm (Adult)
- Joint thickness: 14 mm

OR

#### R.O.M. Joint

- Flexion-/Extension stops are adjustable:  
Small: in 14° increments,  
Adult: in 12° increments
- Material: aluminium, steel and PA plastic
- Proximal and distal connection: modular bar adapter
- Width bar connection: 12 mm (Small), 16 mm (Adult)



SEE NEXT  
PAGE FOR  
ORDER INFO





## Bars

Dynamic corrective system joint and free joint can be ordered with integrated straight bar and/or T-bar, or without bar.

Features:

- Thickness: 3mm
- T-bar length: 155 mm small / 175 mm adult
- Straight bar length: 200 mm small / 270 mm adult



Single joint



Integrated straight bars



T-bar integrated



Integrated straight bar and T-bar



Fig. 1



Fig. 2

Treatment of the contracture can both be done in flexion or in extension by reversing the spring from the yellow (Fig. 1) to the red side (Fig. 2) side - or vice versa. The correct setting depends on the respective side of the body and contracture type.

	Left side		Right side	
	Flex.	Ext.	Flex.	Ext.
Elbow	●	●	●	●
Wrist	●	●	●	●
Knee	●	●	●	●
Ankle	●	●	●	●

Solution Designation		References	
KNEE - ELBOW		Small <22kg	Adult >22kg
1	Multimotion with 2 integrated straight bars	2H300-2001	2H300-1001
	Free joint with 2 integrated straight bars	2H300-5051	2H300-5001
2	Multimotion single joint	2H301-200	2H301-100
	Single joint / R.O.M. joint	2H301-505 / 2H301-555	2H301-500 / 2H301-550
	2 Bars (order 2 kits)	2H301-701	2H301-702
ANKLE		Small <22kg	Adult >22kg
1	Multimotion with integrated straight bar and T-bar	2H300-2101	2H300-1101
	Single joint with integrated straight bar and T-bar	2H300-5151	2H300-5101
2	Multimotion with integrated T-bar	2H300-210	2H300-110
	Free joint with integrated T-bar	2H300-515	2H300-510
	2 straight bars	2H301-701	2H301-702
3	Multimotion single joint	2H301-200	2H301-100
	Single joint / R.O.M. joint	2H301-505 / 2H301-555	2H301-500 / 2H301-550
	2 T-bars	2H301-709	2H301-710
	2 straight bars	2H301-701	2H301-702

Solution	Designation	References
WRIST		
1	Multimotion with 2 integrated straight bars	2H300-2001
	Free joint with 2 integrated straight bars	2H300-5051
2	Multimotion single joint	2H301-200
	Single joint / R.O.M. joint	2H301-505 / 2H301-555
	2 straight bars (order 2 kits)	2H301-701
3	Multimotion with integrated straight bar and T-bar	2H300-2101
	Free joint with integrated straight bar and T-bar	2H300-5151
4	Multimotion with integrated T-bar	2H300-210
	Free joint with integrated T-bar	2H300-515
	2 straight bars	2H301-701
5	Multimotion single joint	2H301-200
	Single joint / R.O.M. joint	2H301-505 / 2H301-555
	2 T-bars	2H301-709
	2 straight bars	2H301-701



## Multistatic: treatment of a correctable contractures

The MultiStatic joint enables fast, efficient and adequate static treatment of contractures mainly due to orthopedic diseases. According to HLBS (High Load Brief Stretch) principle, MultiStatic allows a progressive adjustment of flexion or extension of the joint to immobilize the limb in the desired position.

This principle improves and can even restore the articular mobility of the limb and increases the limb's ability to rest. MultiStatic joint is used in orthoses for both children and adults.

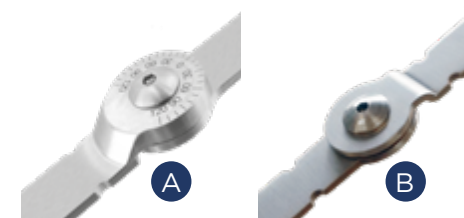
### Benefits for achieving therapy objectives:

- Continuously adjustable static extension of the joint.
- Improvement/rehabilitation of joint mobility.
- Improvement of the resting posture.

### Multistatic components

The MultiStatic system is composed of 2 components:

- **A** Fixed joint with angle adjustment:
  - Continuous angle adjustment from  $-120^{\circ}$  to  $+120^{\circ}$
  - Easy angle adjustment due to optimally positioned joint axis
  - Integrated bars
  - Can be used left and right
  - Material: stainless steel
- **B** Free motion joint:
  - Free motion single-axis joint
  - Material: stainless steel



Solution	Description	Item. N°.	Length	Width	Height	Thickness	Weight	Diameter
1	Static corrective joint	2H310-12	400 mm / 15.75"	12 mm / 0.47"	8,5 mm / 0.33"	2 mm / 0.08"	83 g / 0.18 lbs	19 mm / 0.75"
	Free corrective joint	2H311-12			8 mm / 0.31"		78 g / 0.17 lbs	
2	Static corrective joint	2H310-16		16 mm / 0.63"	9,5 mm / 0.37"		122 g / 0.27 lbs	24 mm / 0.94"
	Free corrective joint	2H311-16			8 mm / 0.31"		114 g / 0.25 lbs	
3	Static corrective joint	2H310-19		16 mm / 0.63"	19 mm / 0.75"		153 g / 0.34 lbs	30 mm / 1.18"
	Free corrective joint	2H311-16			8 mm / 0.31"		114 g / 0.25 lbs	24 mm / 0.94"



# ankle JOINTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## aflex

**A complete line of flexure joints, let Aflex help you to fabricate all your thermoformed orthoses.**

- Indications: to treat pathologies of neurologic, muscular or traumatic origin that affect foot levator muscles.
- Easy implementation thanks to their flexibility allowing self-alignment.
- Designed to last, Aflex have been tested in all conditions and guaranteed meet your needs.

### Flexible AFLEX

Recommended for night AFO, their flexibility ensures comfort forevenvery spastic patients and possible motions of the ankle allow a better compliance of the orthosis.

(3 sizes available (pediatric, child, adult))



Designation	Pediatric	Child	Adult
L x W	34 x 11,6 mm 1.34 x 0.46"	42 x 11,7 mm 1.65 x 0.46"	49 x 14 mm 1.93 x 0.55"
Packaging	Pair		
Thickness *	5 mm / 0.2"	6,5 mm / 0.26"	8 mm / 0.31"
Item N°. kit	2C131-P	2C131	2C130



### Reinforced Straight AFLEX

Recommended for walking AFO, they prevent planti-flexion of the foot and motion in rotation and inversion-eversion of the foot. Reinforced with a Kevlar fiber braid: Superior Tensile Strength

2 sizes available (child, adult).



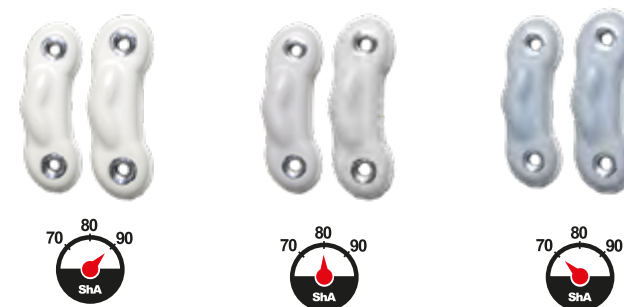
Designation	Child	Adult
L x W	40 x 14 mm 1.57 x 0.55"	44 x 16 mm 1.73 x 0.63"
Packaging	Pair	
Thickness *	9 mm / 0.35"	
Item N°. kit	2C161	2C160



### Reinforced Dorsi AFLEX

Recommended for walking AFO with Dorsi Flexion assist. The natural yield of the joint provides a motion assistance in Dorsi Flexion during swing phase to supply toe clearance. Reinforced with a Kevlar fiber braid: Superior Tensile Strength. 3 durometers available to give a better answer for patient needs (70, 80 and 90 ShA).

2 sizes available (child, adult).



Designation	White 90 ShA		Light grey 80 ShA		Ebony grey 70 ShA	
	Child	Adult	Child	Adult	Child	Adult
L x W	40 x 14 mm 1.57 x 0.55"	44 x 16 mm 1.73 x 0.63"	40 x 14 mm 1.57 x 0.55"	44 x 16 mm 1.73 x 0.63"	40 x 14 mm 1.57 x 0.55"	44 x 16 mm 1.73 x 0.63"
Packaging	Pair					
Thickness *	9 mm / 0.35"					
Item N°. kit	2C163-90	2C162-90	2C163-80	2C162-80	2C163-70	2C162-70




\* Thickness at the center




# ANKLE JOINTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Tamarack Joint (pair)

	Use	Patient size	Length	Molding dummy (to be ordered separately)	Item N°.
	<ul style="list-style-type: none"> <li>- Limits equinus foot motions.</li> <li>- Put up light resistance to dorsiflexion motions.</li> <li>- Good rigidity in heel varus/valgus.</li> <li>- Recommended for thermoformed boots.</li> <li>- The molding dummy must be ordered separately.</li> </ul>	S	32 mm 1.26"	2C094-P	2C093-P
		M	38 mm 1.5"	2C094-M	2C093-M
		L	45 mm 1.77"	2C094-L	2C093-L

## Oklahoma Joint (pair)

	Use	Patient size	Length x Width	Item N°.
	<ul style="list-style-type: none"> <li>- Injection moulded plastic joint that can be heat formed and fixed to the cast before the orthosis thermoforming.</li> <li>- Each pair of joints comes with the necessary tools, 2 adhesive cushions, 2 hard-foam cushions.</li> </ul>	XS	51 x 24 mm 2 x 0.94"	2C098-P
		S	67 x 25 mm 2.64 x 0.98"	2C098-S
		M	83 x 32 mm 3.27 x 1.26"	2C098-M
		L	95 x 38 mm 3.74 x 1.5"	2C098-L
		XL	101 x 45 mm 3.98 x 1.77"	2C098-XL

## Klenzack (pair)


	Use	Upright length	Stirrup length	Upright section	Stirrup	Diameter	Item N°.
	<ul style="list-style-type: none"> <li>- For foot lift with adjustable pressure spring.</li> <li>- Aluminum anti-equinus joint with dorsiflexion assist.</li> </ul>	430 mm 16.93"	140 mm 5.51"	13.5 x 5.5 mm 0.53 x 0.22"	22.2 x 3.3 mm 0.87 x 0.13"	36 mm 1.42"	2C012




# ankle JOINTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

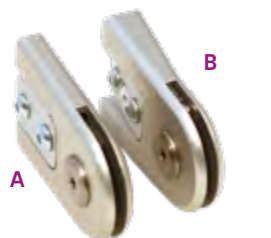
## Free motion ankle joint

	Use	Including	Upright section	Recommended upright	Compatible stirrup	Item N°.
	<ul style="list-style-type: none"> <li>- Made of light alloy.</li> <li>- Can be used with carbon or Aluminum uprights, to be screwed and glued with the XC062 adhesive.</li> <li>- Resistant design.</li> <li>- The 2C132 and 2C133 pairs of joints come with a spacer allowing to use either 16 x 4 mm / 0.63 x 0.16" or 18 x 5 mm / 0.71 x 0.2" uprights.</li> </ul> Straight lateral joint: A Curved medial joint: B	A x 2	16 x 4 mm 0.63 x 0.16" or 18 x 5 mm 0.71 x 0.2"	2M135 2M145	2C51	2C132
		A + B				2C133
		A x 2	22 x 6 mm 0.87 x 0.24"	2M155		2C146
		A + B				2C147

## Single action with adjustable pressure spring

	Use	Leg	Including	Upright Section	Recommended upright	Compatible stirrup	Item N°.
	Single action ankle joint: <ul style="list-style-type: none"> <li>- Made of light alloy.</li> <li>- Adjustable assist strength.</li> <li>- The 2C134, 2C135 and 2C136 pairs of joints come with a spacer allowing to use either 16 x 4 mm / 0.63 x 0.16" or 18 x 5 mm / 0.71 x 0.2" uprights.</li> </ul> Straight lateral joint: A Curved medial joint: B or C	L and R	A + A	16 x 4 mm 0.63 x 0.16" or 18 x 5 mm 0.71 x 0.2"	2M135 2M145	2C52	2C134
		L	A + B				2C135
		R	A + C				2C136
		L and R	A + A	22 x 6 mm 0.87 x 0.24"	2M155		2C148
		L	A + B				2C149
		R	A + C				2C150

## Double action with adjustable pressure spring


	Use	Including	Upright Section	Recommended upright	Compatible stirrup	Item N°.
	Double action ankle joint: <ul style="list-style-type: none"> <li>- Made of light alloy.</li> <li>- Adjustable dorsiflexion and plantarflexion assist strengths each joint.</li> </ul> Straight lateral joint: A Curved medial joint: B	A x 2	16 x 4 mm 0.63 x 0.16" or 18 x 5 mm 0.71 x 0.2"	2M135 2M145	2C53	2C137
		A + B				2C138
		A x 2	22 x 6 mm 0.87 x 0.24"	2M155		2C151
		A + B				2C152




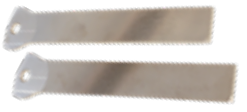

# ankle JOINTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Adhesive carbon inserts (pair)

	Patient's size	Height	Thickness	Item N°.
	S	110 mm 4.33"	2 mm 0.08"	2X102-S
	M	130 mm 5.12"		2X102-M
	L	160 mm 6.3"		2X102-L
	XL	180 mm 7.09"		2X102-XL

## Stainless steel stirrups uprights (pair)


	Product	Length	Upright Section	Hole diameter	Weight	Compatible joint	Item N°.
	Free joint stirrup upright	150 mm 5.90"	22 x 3 mm 0.87 x 0.12"	8 mm 0.32"	125 g 0.28 lbs	2C132 2C133 2C146 2C147	2C51
	Single action joint stirrup upright					2C134 2C135 2C136 2C148 2C149 2C150	2C52
	Double action joint stirrup upright					2C137 2C138 2C151 2C152	2C53




# ANKLE JOINTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)


## Half foot plate to be welded on any pipe for spurs.

	Width	Length	Thickness	Item N°.
	25 mm / 0.98"	90 mm / 3.54"	2 mm / 0.08"	2B001090
	35 mm / 1.38"	110 mm / 4.33"		2B001110


## Steel tubes for spurs

	Length	Ext. Ø	Int. Ø	Item N°.
	100 mm / 3.94"	9 mm / 0.35"	6 mm / 0.24"	2B0504
		11 mm / 0.43"	8 mm / 0.31"	2B0604

## Steel tubes for spurs welded on a sole plate

	Leg	Length	Int. Ø	Item N°.
	Right	80 mm / 3.15"	6 mm / 0.24"	2B006-D080
	Left			2B006-G080
	Right	90 mm / 3.54"		2B006-D090
	Left			2B006-G090
	Right	8 mm / 0.31"	2B008-D090	
	Left		2B008-G090	
	Right		110 mm / 4.33"	2B008-D110
	Left			2B008-G110


## Steel Perlstein eccentric adjustable stop

	Product	Int. Ø	Item N°.
	Set including: small plate welded on pipe + toothed nut + screw	6 mm / 0.24"	2B1110
		8 mm / 0.31"	2B1210
	Perlstein stop including: small plate + toothed nut + screw	6 mm / 0.24"	2B1106
		8 mm / 0.31"	2B1206




## Stainless steel straight uprights with spurs

- Allow the adjunction of anti-stepping device.
- Allow the adjunction of a Perlstein stop.
- Delivered without tube.

	Product	Length	Upright Section	Hole Ø	Pipe Length	Item N°.
	Upright with spindle	390 mm 15.35"	12 x 3 mm 0.47 x 0.12"	6 mm 0.24"	95 mm 3.74"	2B0301
	Single upright + screw				100 mm 3.94"	2B0311
	Upright with spindle	450 mm 17.72"	16 x 3 mm 0.63 x 0.12"	8 mm 0.32"	105 mm 4.13"	2B0401
	Single upright + screw				110 mm 4.33"	2B0411

## Stainless steel short straight or curved adjustable uprights with spurs

- Allow the adjunction of anti-stepping devices.
- Allow the adjunction of a Perlstein stop.
- Drilled uprights with 9 M4 tapped holes (10 mm / 0.39" spaced out).
- The adjustment holes allow to make a removable set, or to follow the patient's growth.
- Delivered without tube.

	Upright type	Length	Upright Section	Hole Ø	Item N°.
	Straight	90 mm 3.54"	12 x 3 mm 0.47 x 0.12"	6 mm 0.24"	2B0701
	Curved				2B0901
	Straight	120 mm 4.72"	16 x 3 mm 0.63 x 0.12"	8 mm 0.32"	2B0801
	Curved				2B1001



## Custom-made knee orthosis for osteoarthritis

Orthosis Distraction Rotation Arthrosis, Odra is an articulated off-load orthosis, made after a casting or a digital acquisition, and designed for the symptomatic treatment of medial tibiofemoral knee osteoarthritis.

- Unique patented mode of action: The double effect of distraction and rotation induces a discharge of the medial knee compartment.
- Proven efficacy: ERGONOMIE study
- Morphologic: Custom-made by a CPO after a casting or a digital acquisition.
- Dynamic orthosis: Operates at full knee extension only.
- Compliance: The ERGONOMIE study shows that the wearing time (>5h/day, 6 days out of 7 on average) is close to the instructions given to the patients when entering the trial (6h/day).

### TECHNICAL FEATURES

Product Nr	Description	Contents
2H200-D / 2H200-G	Complete kit for the manufacture of an orthosis - thermoformable plastic not included (right knee / left knee)	Medial and lateral joints with tracing template and protective covers, lower band, lining and straps
2H240-D / 2H240-G	Set of joints (right knee / left knee)	Medial and lateral joints with tracing template and protective covers
2H260	Lining kit	Silicone fabric, imitation leather cover, straps and cushions, Quicky clips, rivets,...

#### Indications:

Treatment of medial compartment pain over than 40 mm on the VAS scale, regardless of the radiographic stage (1 to 4).

#### Contra-indications:

Superficial venous problems, stronger troubles in the lateral compartment than in the treated medial compartment, strong recurvatum.







## SPL (Swing Phase Lock) joint (BASKO)

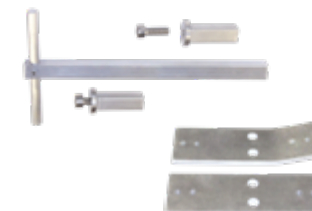
The S.P.L. system is perfectly adapted to the realization of KAFO for patients suffering from a partial or total deficit of the quadriceps, and therefore, from a difficulty to lock their knee.

An internal pendulum mechanism locks the joint prior to heel attack and unlocks it at heel detachment to allow the knee to flex in pendulum phase.

This original operating mode improves safety while allowing physiological walking.

- The SPL system consists of an SPL joint, an SPC joint, a control satellite

Designation	Item N°.
SPL Kit for right side	2H100-D
SPL Kit for left side	2H100-G
Related products	Item N°.
4 specific Aluminum uprights 22x6mm and screws with adaptation for Basko joint	2H10040
Alignment tool	2H10050
Ankle joint 2 springs	2C092-01
Ankle joint 2 pins	2C092-02
Split stirrup double action 3,2 x 19 mm	2C092-10
Forming tool	2H10051
Spare parts	Item N°.
After-sales KIT for SPL	2H10010
Joint cover kit SPL	2H10010-03
SPL axis	2H10010-04
SPL stopper	2H10010-07
SPL Pin Ring Kit	2H10010-08
After-sales KIT for SPC	2H10020
Joint cover kit SPC	2H10020-03
SPC axis	2H10020-04
SPC Pin Ring Ki	2H10020-08
Bending control kit SPC	2H10020-09
Full SPL satellite	2H10031







# Knee JOINTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Pair of free knee joints

	Use	Upright section	Axis Ø	Weight	Item N°.
	<ul style="list-style-type: none"> <li>Stainless steel free joints.</li> <li>To be used with carbon, steel or Aluminum uprights, to fix with XC062 adhesive.</li> <li>Great adaptability to the patient's leg shape: Lateral screws on both sides of the upright allow to Item N° in the orthosis alignment (+/- 5°).</li> <li>Easy casing disassembly / reassembly in case of replacement.</li> <li>Each pair of joints accommodates right or left knee.</li> </ul>	16 x 4 mm 0.63 x 0.16"	29 mm 1.14"	210 g	2K143
		18 x 5 mm 0.71 x 0.2"		232 g	2K144
		22 x 6 mm 0.87 x 0.24"	32 mm 1.26"	281 g	2K145
		20 x 5 mm 0.79 x 0.2"	29 mm 1.14"	266 g	2K147

## Offset free knee joints


	Use	Upright section	Leg	Axis Ø	Weight	Item N°.
	<ul style="list-style-type: none"> <li>Stainless steel free joints.</li> <li>To be used with carbon, steel or Aluminum uprights, to fix with XC062 adhesive.</li> <li>Great adaptability to the patient's leg shape: Lateral screws on both sides of the upright allow to Item N° in the orthosis alignment (+/- 5°).</li> <li>Easy casing disassembly / reassembly in case of replacement.</li> <li>Each pair of joints accommodates right or left knee.</li> </ul>	16 x 4 mm 0.63 x 0.16"	R	23 mm 0.90"	140 g	2K111
			L			2K112
		18 x 5 mm 0.71 x 0.2"	R	26 mm 1.02"	190g	2K113
			L			2K114
		22 x 6 mm 0.87 x 0.24"	R	28 mm 1.10"	280 g	2K115
			L			2K116




# Knee JOINTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Pair of lock knee joints

	Use	Upright section	Axis Ø	Weight	Item N°.
	<ul style="list-style-type: none"> <li>Those joints are fitted with trigger locks that can be used with a hoop and then become « Hoffa locks » for one-hand handling.</li> <li>In that case, fastening an assist strap is necessary.</li> <li>Hoop fastening in the triggers is made by screwing and gluing.</li> <li>The system ensures easy hoop assembly and disassembly, without welding.</li> <li>The stop screw allows to adjust the lock play.</li> <li>To be used with carbon, steel or Aluminum uprights, to fix with XC062 adhesive.</li> </ul>	16 x 4 mm 0.71 x 0.16"	29 mm 1.14"	243 g 0.54 lbs	2K140
		18 x 5 mm 0.71 x 0.2"	29 mm 1.14"	266 g 0.59 lbs	2K141
		22 x 6 mm 0.87 x 0.24"	32 mm 1.26"	316 g 0.7 lbs	2K142
		20 x 5 mm 0.79 x 0.2"	29 mm 1.14"	297 g 0.65 lbs	2K146

## Pair of drop lock knee joints




	Use	Leg	Patient's size	Upright section	Joint Ø	Weight	Item N°.
	<ul style="list-style-type: none"> <li>To be used with steel or Aluminum uprights, to fix by riveting.</li> </ul>	R	S	16 x 4 mm 0.71 x 0.16"	23 mm 0.90"	140 g 0.31 lbs	2K81
		L					2K82
		R	M	18 x 5 mm 0.71 x 0.2"	27 mm 1.06"	210 g 0.47 lbs	2K83
		L					2K84
		R	L	20 x 5 mm 0.79 x 0.2"	29 mm 1.14"	250 g 0.33 lbs	2K85
		L					2K86




# UPRIGHTS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Set of Uprights

	Use	Length of leg upright	Length of thigh upright	Upright section (Wide   Narrow)	Material	Item N°.
	BASKO SPL upright kit Set of 4 specific uprights for BASKO orthosis (2 leg uprights + 2 thigh uprights), plus 8 screws.	560 mm 22.04"	430 mm 16.93"	22 x 6 mm   18,8 x 6 mm 0.87 x 0.24"   0.74 x 0.24"	Aluminum	2H10040
		450 mm 17.72"	450 mm 17.72"	19 x 6 mm 0.75 x 0.24"	Stainless steel	2H10045
						2H10046
	Set of uprights for screwing and gluing Each set of uprights includes 2 leg uprights plus 2 thigh uprights.	480 mm 18.90"	390 mm 15.35"	16 x 4 mm 0.63 x 0.16"	Aluminum	2M135
				18 x 5 mm 0.71 x 0.2"		2M145
		560 mm 22.04"	430 mm 16.93"	22 x 6 mm 0.87 x 0.24"		2M155
				20 x 5 mm 0.79 x 0.2"		2M07
		480 mm 18.90"	390 mm 15.35"	16 x 4 mm 0.63 x 0.16"	Stainless steel	2M136
				18 x 5 mm 0.71 x 0.2"		2M146
	Set of uprights for riveting Each set of uprights includes 2 leg uprights plus 2 thigh uprights.	480 mm 18.90"	390 mm 15.35"	16 x 4 mm 0.63 x 0.16"	Aluminum	2M01
				18 x 5 mm 0.71 x 0.2"		2M03
		560 mm 22.04"	430 mm 16.93"	20 x 5 mm 0.79 x 0.2"		2M05

## Thigh and calf bands

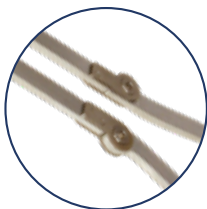
	Use		Length 250 mm / 9.84"		Length 500 mm / 19.68"	
	Prefabricated aluminum bands • Time saving. • Optimal finishing quality.	Width	2 mm / 0.08"	2,5 mm / 0.1"	2 mm / 0.08"	2,5 mm / 0.1"
		20 mm / 0.79"	2P150-S20	2P151-S20	2P150-L20	2P151-L20
		25 mm / 0.98"	2P150-S25	2P151-S25	2P150-L25	2P151-L25
		30 mm / 1.18"	2P150-S30	2P151-S30	2P150-L30	2P151-L30
		40 mm / 1.57"	2P150-S40	2P151-S40	2P150-L40	2P151-L40



# Knee BRACES

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Aluminum free knee braces for child (pair)



Use	Length of leg upright	Length of thigh upright	Upright section	Joint Ø	Weight	Item N°.
The knee joints lengthen and then form one-piece leg and thigh uprights.	350 mm 13.78"	300 mm 11.81"	13 x 5 mm 0.51 x 0.2"	19 mm / 0.75"	285 g 0.63 lbs	2H03

## Drop lock knee braces for adult



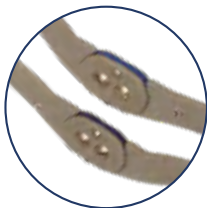
Use	Leg side	Length of leg upright	Length of thigh upright	Upright section	Joint Ø	Weight	Item N°.
<ul style="list-style-type: none"> <li>Clevis joints, for better resistance.</li> <li>Pair of Aluminum drop lock knee braces.</li> <li>Delivered assembled.</li> </ul>	R	370 mm 14.57"	350 mm / 13.78'	18 x 5 mm 0.71 x 0.2"	26 mm 1.02"	525 g 1.16 lbs	2T11
	L						2T12
	R	470 mm 18.50"	420 mm / 16.53"	22 x 6 mm 0.87 x 0.24"	28 mm 1.10"	845 g 1.86 lbs	2T15
	L						2T16

## Drop lock braces with adjustable flexion



Use	Leg side	Length of leg upright	Length of thigh upright	Upright section	Joint Ø	Weight	Item N°.
<ul style="list-style-type: none"> <li>Flexion adjustment amplitude: up to 30°.</li> <li>The locking is independent from the degree of flexion.</li> </ul>	R	370 mm 14.57"	350 mm 13.78'	18 x 5 mm 0.71 x 0.2"	26 mm 1.02"	540 g 1.19 lbs	2T31
	L						2T32
	R	470 mm 18.50"	420 mm 16.53"	22 x 6 mm 0.87 x 0.24"	28 mm 1.10"	870 g 1.92 lbs	2T35
	L						2T36

## Plastic knee splints (pair)



Use	Upright section	Joint Ø	Weight	Item N°.
Polycentric double joints	25 x 5 mm 0.98 x 0.2"	8 mm / 0.31"	225 g / 0.5 lbs	6C99



# SPINAL ORTHOSIS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Kit for Milwaukee spinal orthoses

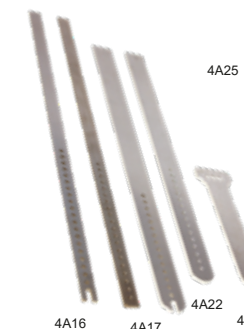
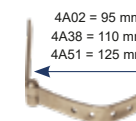
The kit size must be chosen in accordance with the width of the neck ring.



Uprights and plates

Screw fittings

Product	Item N°.	S complete kit	M complete kit	L complete kit	S neck ring kit	M neck ring kit	L neck ring kit
Anterior part with two hinges	4A02	x 1			x 1		
Anterior part with two hinges	4A38		x 1			x 1	
Anterior part with two hinges	4A51			x 1			x 1
Posterior part with dowel pin	4A08	x 1			x 1		
Posterior part with dowel pin	4A43		x 1			x 1	
Posterior part with dowel pin	4A55			x 1			x 1
Simple posterior part	4A09	x 1			x 1		
Simple posterior part	4A44		x 1			x 1	
Simple posterior part	4A54			x 1			x 1
Left posterior occipital pad	4A11	x 1			x 1		
Left posterior occipital pad	4A45		x 1	x 1		x 1	x 1
Right posterior occipital pad	4A13	x 1			x 1		
Right posterior occipital pad	4A47		x 1	x 1		x 1	x 1
Chin plate	4A15		x 1			x 1	
Drilled posterior upright	4A16		x 2				
Tapped posterior upright	4A17		x 2				
Drilled anterior upright	4A22		x 1				
Tapped anterior upright	4A23		x 1				
T-guide plate	4A25		x 1				
Assembly lock	4A19		x 2				
Locking button for neck ring	4A10		x 1			x 1	
Ass. screws for occipital pads	5W051		x 4			x 1	
Ass. screws for occipital pads	5W052		x 2				
Ass. shoulder screws for posterior upright	5W053		x 2				
Ass. shoulder screws for anterior upright	5W054		x 1				
Stud screw for support hand strap	5W055		x 6				
Ass. screws for neck ring	WMCL4005Z		x 4			x 4	
Ass. screws for uprights	WMCL4008Z		x 2				
Ass. screws for T-guide plate	WMCL4010Z		x 3				





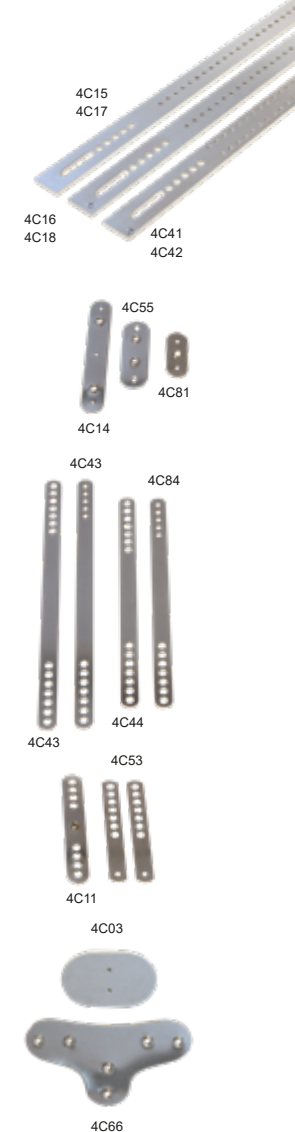
# SPINAL ORTHOSIS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Lyon spinal orthoses (kit and parts)



Product	Item N°.	Kit for Child 4C99 including	Kit for Teenager 4C98 including	Material	Length	Upright section	Hole Ø	Perf. type	Tapped holes	Cond.
Posterior upright for child	4C15	x 1	•	Light alloy	500 mm / 19.68"	30 x 4 mm 1.18 x 0.16"	5 mm / 0.2"	Simple		x 1
Posterior upright for teenager	4C17	•	x 1		600 mm / 23.62"					
Posterior upright for child	4C41	•	•		500 mm / 19.68"			Double		
Posterior upright for teenager	4C42	•	•		600 mm / 23.62"					
Anterior upright child	4C16	x 1	•		500 mm / 19.68"			Mixed		
Anterior upright teenager	4C18	•	x 1		600 mm / 23.62"					
Junction plates	4C55	x 10	x 10	Stainless steel	60 mm / 2.36"				2	x 10
Junction plates	4C81	•	•		40 mm / 1.57"				1	x 2
L-shaped plate with holes	4C07	x 6	x 6		100 mm / 3.94"					x 6
12 mm upright hinge	4C21	x 1	x 1		80+12 mm / 3.15+0.47"					x1
20 mm upright hinge	4C25	x 1	x 1		80+20 mm / 3.15+0.78"					
Pelvis hinge	4C28	x 1	x 1		110+90 mm / 4.33+3.54"					
Pelvis plate	4C31	x 1	x1		170 mm / 6.69"					
Short 20 mm hinge	4C80	•	•		45 mm / 1.77"					
Small junction bar	4C44	x 1	x 1		250 mm / 9.84"	16 x 2 mm 0.63 x 0.08"	7,2 mm / 0.28" (x7)			
Junction bar	4C43	•	•		300 mm / 11.81"					
Junction bar	4C53	•	•		120 mm / 4.72"	16 x 1 mm 0.63 x 0.04"	5,2 mm / 0.2" (x1) 7,2 mm / 0.28" (x4)			x2
Junction bar	4C83	•	•		300 mm / 11.81"	16 x 2 mm 0.63 x 0.08"	7,2mm / 0.28" (x7) 5,2 mm / 0.2" (x5)			x 1
Junction bar	4C84	•	•		250 mm / 9.84"					
Sternal support	4C03	x 1	x 1	Light alloy	60 mm / 2.36"				2	
Sternal support	4C66	•	•	Stainless steel	105 mm / 4.13"				6	
1/4 turn button with triangular ring	4C33	•	•							
L-shaped plate	4C37	•	•		100 mm / 3.94"					





# SPINAL ORTHOSIS

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Boston spinal orthoses (kit and parts)

### 15° lordosis modules



Waist	Hips	Distance between iliac crests	Item N°.
40 cm / 15.75"	54 cm / 21.26"	14 cm / 5.51"	4D11-J1
42 cm / 16.54"	58 cm / 22.83"	15 cm / 5.91"	4D11-J2
45 cm / 17.72"	62 cm / 24.41"	16 cm / 6.30"	4D11-J3
46 cm / 18.11"	67 cm / 26.38"	18 cm / 7.09"	4D11-Y1
47 cm / 18.50"	64 cm / 25.20"	17 cm / 6.7"	4D11-J4
47 cm / 18.50"	71 cm / 27.95"	19 cm / 7.48 "	4D11-Y2
48 cm / 18.90"	75 cm / 29.53"	20 cm / 7.87"	4D11-Y3
51 cm / 20.08"	66 cm / 25.99"	17 cm / 6.70"	4D11-Y1A
51 cm / 20.08"	79 cm / 31.10"	23 cm / 9.06"	4D11-Y4
52 cm / 20.47"	82 cm / 32.28"	24 cm / 9.45"	4D11-Y5
54 cm / 21.26"	86 cm / 33.86"	25 cm / 9.84"	4D11-Y7
55 cm / 21.65"	72 cm / 28.35"	20 cm / 7.87"	4D11-Y2A
56 cm / 22.05"	84 cm / 33.07"	24 cm / 9.45"	4D11-Y6
56 cm / 22.05"	88 cm / 34.65"	25 cm / 9.84"	4D11-Y8
57 cm / 22.44"	78 cm / 30.71"	21 cm / 8.27"	4D11-Y3A
57 cm / 22.44"	80 cm / 31.50"	22 cm / 8.66"	4D11-Y4F
58 cm / 22.83"	82 cm / 32.28"	23 cm / 9.06"	4D11-Y5F
60 cm / 23.62"	86 cm / 33.86"	24 cm / 9.45"	4D11-Y7F
60 cm / 23.62"	92 cm / 36.22"	26 cm / 10.24"	4D11-Y9
62 cm / 24.41"	94 cm / 37.01"	27 cm / 10.63"	4D11-A1
63 cm / 24.80"	84 cm / 33.07"	23 cm / 9.06"	4D11-Y6A
63 cm / 24.80"	92 cm / 36.22"	25 cm / 9.84"	4D11-Y9A
64 cm / 25.20"	88 cm / 34.65"	24 cm / 9.45"	4D11-Y8F
66 cm / 25.99"	96 cm / 37.79"	25 cm / 9.84"	4D11-A2A
68 cm / 26.77"	92 cm / 36.22"	25 cm / 9.84"	4D11-Y9F
68 cm / 26.77"	97 cm / 38.19"	27 cm / 10.63"	4D11-A3
69 cm / 27.17"	86 cm / 33.86"	24 cm / 9.45"	4D11-Y7A
70 cm / 27.56"	94 cm / 37.01"	26 cm / 10.24"	4D11-A2
72 cm / 28.35"	90 cm / 35.43"	24 cm / 9.45"	4D11-Y8A
76 cm / 39.92"	97 cm / 38.19"	27 cm / 10.63"	4D11-A4

### Boston pads

Part	Size	Side	Item N°.
Lumbar	S	Left	4D110
Thoracic	S	Right	4D117
Abdominal	S		4D130
Abdominal	L		4D131



### Straps for Boston spinal orthosis

Width	Length	Color	Material	Packaging	Item N°.
25 mm 0.98"	450 mm 17.72"	White	Terylene	x 4	4X010
		Skin color	Cotton	x 4	4X011-L45







# SPINAL ORTHOSIS




[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Components for antikyphosis spinal orthosis



### Hinges

	Product	Length	Material	Item N°.
	Standard hinge	20 mm / 0.79"	Stainless steel	4C01
	Short hinge - 20 mm / 0.79"			4C80

### Joints and supports

				Sternal support adjustable joint Right Kit	Sternal support adjustable joint Left Kit	
	Product	Side	Item N°.	4C45	4C60	Material
	Upper joint piece	Right	4C46	x 1		Nickel-plated steel
		Left	4C49		x 1	
	Lower joint piece	Both	4C51	x 1	x 1	
	Manubrial support	-	4C66			Stainless steel

### Sternal plates

	Product	Patient's size	Length	Thickness	Material	Item N°.
	Sternal plate	L	145 mm / 5.71"	3 mm / 0.12"	Light alloy	4C67
		S	138 mm / 5.43"			4C68
	Upright for sternal support	-	344 mm / 13.54"			4C69




# SPINAL ORTHOSIS



[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Components for spinal orthosis


### Blocking-up block

	Side	Length	Material	Packaging	Item N°.
	Right	180 mm / 7.09"	Stainless steel	x 1	4F001-D
	Left			x 1	4F001-G

### Bar and deck plate set

						Kit	
	Product	Length	Width	Thickness	Item N°.	9Z003	Material
	Bar	245 mm / 9.65"	18 mm / 0.71"	4 mm / 0.16"	9Z003001	x 1	Polyethylene
	Deck	60 mm / 2.36"	20 mm / 0.79"	1,5 mm / 0.06"	9Z003002	x 1	Aluminum

### Screw

	Product	Material	Packaging	Item N°.
	M5-knurled assembly screw	Nickel-plated steel	x 50	5W056



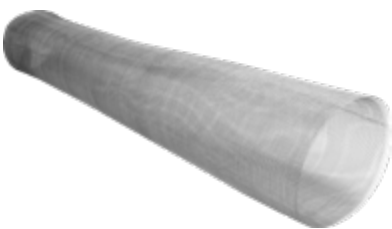


## Materials

- Casting
- Lamination
  - Resins
  - Coloring paste
  - Fabrics for lamination
  - PVA
  - Carbon lamination
- Adhesive
- Thermoforming
  - Orthochoc
  - PETG
  - Polyethylene
  - Polypropylene
  - Thermosouple
- Lining and finishing
  - Foam lining materials
  - Thermoformable 3D fabric
  - 3D fabric
  - Waterproof & stretchable fabric
  - Elastic velvet edge
  - Thermoretractile sheath
  - Skin
- Strap and Buckle
- Screw fitting
  - Rivets
  - Nut



## Casting



Cotton tubular jersey						Plaster sanding net
<ul style="list-style-type: none"><li>- 100 % cotton knitted stockinette, water-repellent, hypoallergenic.</li><li>- Perfectly suitable for body protection during casting.</li><li>- Perfectly matches the skin relief.</li><li>- Easy cutting.</li></ul>						
Width	50 mm / 1.97"	70 mm / 2.76"	100 mm / 3.94"	150 mm / 5.90"	200 mm / 7.87"	1 m / 3.28 ft
Length	25 m / 82.02 ft					1 m / 3.28 ft
Item N°.	TJ001	TJ002	TJ003	TJ004	TJ005	5D850








## Resins



	PROACRYL	PROACRYL for hot climate countries	PROCARB	PROACRYL hardener
	<ul style="list-style-type: none"> <li>- For rigid lamination with all type of fibers except carbon fibers.</li> <li>- Tough and lightweight.</li> <li>- Well tolerated by the skin.</li> </ul>	<ul style="list-style-type: none"> <li>- For rigid lamination.</li> <li>- Tough and lightweight.</li> <li>- Well tolerated by the skin.</li> <li>- Withstands high storage temperatures.</li> </ul>	<ul style="list-style-type: none"> <li>- Its fluidity makes it particularly suitable for laminations with carbon fibers.</li> <li>- For rigid lamination.</li> <li>- Tough and lightweight.</li> <li>- Well tolerated by the skin.</li> </ul>	<ul style="list-style-type: none"> <li>- Necessary for resins polymerization.</li> <li>- To use only with PROACRYL and PROCARB resins.</li> <li>- Measure included.</li> </ul>
Mixing ratio	3 % (PC233-A)	3 % (PC233-A)	3 % (PC233-A)	
Packaging	4,5 kg / 9.92 lbs	4,5 kg / 9.92 lbs	4,5 kg / 9.92 lbs	150 g / 0.33 lbs
Item N°.	PC230-5	PC230-5S	PC234 -5	PC233-A

## Coloring paste



				
				
<b>Skin color</b>	<b>Light</b>	<b>Oriental</b>	<b>Medium brown</b>	<b>Ebony brown</b>
	<ul style="list-style-type: none"> <li>- Especially made for PROACRYL and PROCARB resins.</li> <li>- Good coating quality.</li> </ul>			
Packaging	150 g	110 g		
Item N°.	PC178	PC160-04	PC160-10	PC160-14
				PC160-16



## Fabrics for lamination



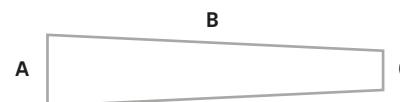
	Perlon® 100% tubular jersey					Nyglass tubular jersey						Polyamide 100% tubular jersey	Stretchable finition sheath	
						- Glass thread covered with polyamide - Very good resistance.							- 100 % polyamide. - Multipurpose, ideal as finishing layer for laminations.	
Width	80 mm 3.15"	100 mm 3.94"	120 mm 4.72"	150 mm 5.90"	200 mm 7.87"	90 mm 3.54"	120 mm 4.72"	140 mm 5.51"	160 mm 6.30"	190 mm 7.48"	210 mm 8.27"	200 mm / 7.87"	40 mm / 1.57"	58 mm / 2.28"
Packaging	1 kg / 2.20 lbs					1 kg / 2.20 lbs						2 kg / 4.40 lbs	25 m / 82 ft	
Item N°.	TP100	TP101	TP102	TP103	TP104	TV140-09	TV140-12	TV140-14	TV140-16	TV140-19	TV140-21	TJ020	TT011	TT011-XL

## PVA



### PVA bag

- Good elasticity.
- Excellent resistance to tear.
- Can be easily welded.
- Particularly suitable for acrylic resins such as PROACRYL and PROCARB.



Width A	150 mm / 5.90"	200 mm / 7.87"	250 mm / 9.84"	300 mm / 11.81"	350 mm / 13.78"	400 mm / 15.75"
Width C	50 mm / 1.97"					
Length B	900 mm / 35.4"					
Item N°.	PL030-4	PL030-3	PL030-2	PL030-1	PL030-0	PL030-6



## Carbon lamination

### Bidirectionnal carbon sheath

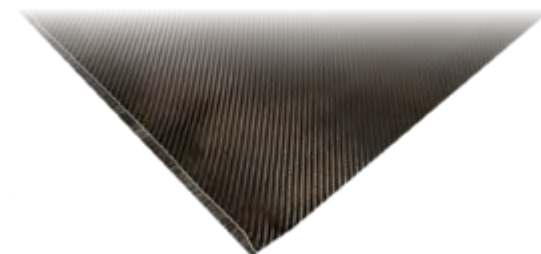
- For making carbon sockets.
- Thin, lightweight and sturdy.
- Knitted sheath - 2-ply.
- Perfectly matches the shapes of the positive model.
- Excellent mechanical properties.
- Especially suitable for [PROCARB resin PC234-5](#).



Diameter	21 - 25,5 cm			16 - 21 cm			11 -16 cm			6,3 - 11 cm		
Circumference	65 - 80 cm			50 - 65 cm			35 - 50 cm			20 - 35 cm		
Length	2 m	5 m	25 m	2 m	5 m	25 m	2 m	10 m	25 m	2 m	10 m	25 m
Item N°.	TC009-8065#2	TC009-8065#5	TC009-8065#25	TC009-6550#2	TC009-6550#5	TC009-6550#25	TC009-5035#2	TC009-5035#10	TC009-5035#25	TC009-3520#2	TC009-3520#10	TC009-3520#25

### Bidirectionnal carbon fiber fabric

- To make laminated reinforcements.
- Weight: 285g/m<sup>2</sup>



Width	1,25 m				
Packaging	1 m cut	2 m cut	roll 5 m	roll 10 m	roll 25 m
Item N°.	TC031#01	TC031#02	TC031#05	TC031#10	TC031#25



## Adhesive



	Fast-Setting Cyanoacrylate Adhesive	Neoprene adhesive	Adhesive tape	
	<ul style="list-style-type: none"> <li>- Particularly suitable for quick bonding of plastics and foams.</li> <li>- Adapted for 3 parts Foot</li> </ul>	<ul style="list-style-type: none"> <li>- Particularly suitable for bonding foams, plastics and leather.</li> </ul>	- PVC transparent tape	
Width		-	25 mm	50 mm
Packaging	20 g	0,75 l	3 x 25 m	
Item N°.	XC050	XC090#0,75	XX090#25	XX090



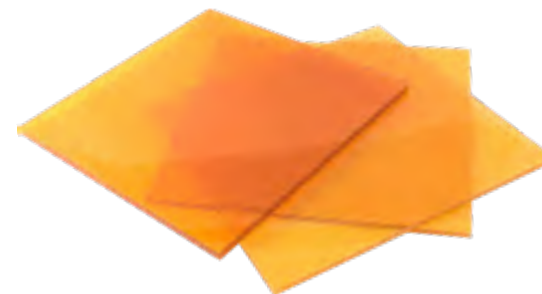
# THERMOFORMING

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Orthochoc

The « must have » product to make temporary sockets that will be used for a long test period.

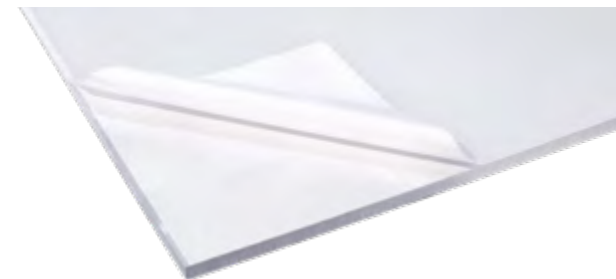
- Extremely rigid.
- Outstanding impact resistance.
- Excellent for thermoforming.
- Good transparency, ideal for accurate control of pressure areas.
- Can be easily rectified with heat gun.
- Good resistance to drilling and riveting.
- Low shrinkage.
- High chemical resistance (alcohol, chloride, etc.)



Use	For treatment spinal orthosis and leg orthosis		For temporary socket used for a long test period
Thickness	4 mm	5 mm	12 mm
Width	1 m		0,4 m
Length	2 m		0,4 m
Heating T°	170°C max		
Heating Time	5 to 10'		20'
Item N°.	PL17204-L	PL17205-L	PL17212-S

## PETG

- Excellent transparency.
- Good impact resistance.
- Can be easily rectified with heat gun.
- Low shrinkage.



Use	Particularly convenient for spinal orthosis		Particularly convenient for test sockets	
Thickness	4 mm	5 mm	12 mm	15 mm
Width	1 m		0,40 m	
Length	2 m		0,40 m	
Heating T°	150°C > 160°C		170°C max	
Item N°.	PL18004-L	PL18005-L	PL18012-S	PL18015-S



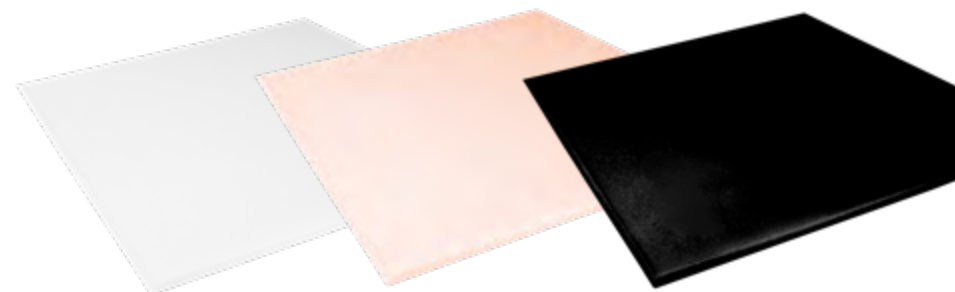
# THERMOFORMING

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Polyethylene

### Rigid polyethylene

- Its perfect biocompatibility, good mechanical features and shaping properties make it a “must have” product.
- Low shrinkage after thermoforming.
- Long life and hardwearing product.
- Can be decorated with sublimation paper.
- Heating T° 170°C



Use	Particularly suitable for making orthosis when a good rigidity is required														
Width	1 m														
Length	1,18 m			2 m											
Tickness	3 mm	4 mm	8 mm	2 mm	3 mm	4 mm		5 mm	6 mm		8 mm		10 mm	12 mm	
Color	○	○	○	○	○	○	●	●	○	○	●	○	●	○	○
Item N°.	PL13103-C	PL13104-C	PL13108-C	PL13102-L	PL13103-L	PL13104-L	PL30104-L	PL30504-L	PL13105-L	PL13106-L	PL30506-L	PL13108-L	PL30508-L	PL13110-L	PL13112-L

### Flexible polyethylene

- This material provides the patient with smooth support and comfort.
- Can be decorated with sublimation paper.
- 1 mm thickness is particularly suitable for making tongues.
- Heating T° 120 > 170°C



Use	Particularly suitable for geriatric, neonatal or post-operative fitting									
Width	0,4 m		0,5 m			1 m				
Length	0,4 m		0,5 m	1 m		2 m				
Thickness	5 mm		12 mm	1 mm		1 mm	2 mm	3 mm	4 mm	5 mm
Item N°.	PL12005-S		PL12312	PL12001-SL		PL12001-L	PL12002-L	PL12003-L	PL12004-L	PL12005-L



# THERMOFORMING

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Polypropylene

- Material combining rigidity and elasticity.
- Great resistance to impacts and repeated torsion.
- Easy to work.
- High resistance to abrasion.
- Can be decorated with sublimation paper.
- Heating T° 190°C



Use	Particularly suitable for orthosis such as AFO and temporary sockets			
Width	1 m			
Length	2 m			
Thickness	3 mm	4 mm	5 mm	12 mm
Item N°.	PL14003-L	PL14004-L	PL14005-L	PL14012-L

## Thermosouple

- This copolymer provides flexibility and comfort.
- Requires an external rigid socket.
- Can be easily shaped when hot.
- Heating T° 150°C



Use	Particularly convenient to make inner sockets			
Width	0,4 m			
Length	0,4 m			
Thickness	6 mm	9 mm	12 mm	15 mm
Hardeness	Soft	Soft	Soft	Extra soft
Item N°.	PL13606-S	PL13609-S	PL13612-S	PL14612-S





# LINING AND FINISHING

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Foam lining materials

### PLASTAZOTE®: PE FOAM

- A « must have » product for orthosis lining.
- Easy to machine.
- Perfectly matches the most complex mold shape.
- Density 33 kg / m<sup>3</sup>
- Width 1 m / Length 2 m
- Thermoformable at 170°C.

Color	Skin color ●					White ○				Red ●			Blue ●				Green ●	
Thickness	3 mm	6 mm	12 mm	18 mm	24 mm	3 mm	5 mm	7 mm	10 mm	3 mm	5 mm	10 mm	3 mm	5 mm	7 mm	10 mm	5 mm	10 mm
Item N°.	PL08503	PL08506	PL08512	PL08518	PL08524	PL08603	PL08605	PL08607	PL08610	PL08703	PL08705	PL08710	PL08803	PL08805	PL08807	PL08810	PL09005	PL09010

Color	Fluo Green ●		Yellow ●			Orange ●		Purple ●		Fuchsia ●		Night Blue ●		Black ●				Blue + Adh
Thickness	5 mm	10 mm	3 mm	5 mm	10 mm	5 mm	10 mm	5 mm	10 mm	5 mm	10 mm	5 mm	10 mm	3 mm	5 mm	7 mm	10 mm	28 mm
Item N°.	PL09105	PL09110	PL08903	PL08905	PL08910	PL09205	PL09210	PL09305	PL09310	PL09905	PL09910	PL09805	PL09810	PL09403	PL09405	PL09407	PL09410	PL08828

### TEPEFOAM: PE + EVA FOAM

- Closed cell foam.
- Easy to machine.
- Perfectly matches the most complex mold shape.
- Density 160 kg / m<sup>3</sup>
- Width 1 m / Length 1 m
- Thermoformable at 140°C

Color	White ○				Skin color ●			
Thickness	5 mm		10 mm		7 mm			
Item N°.	EL05905		EL05910		EL06107			

### POLYTECH: PE + EVA FOAM

- Closed cell foam.
- Easy to machine.
- Perfectly matches the most complex mold shapes.
- Density 110 kg / m<sup>3</sup>
- Width 1 m / Length 2 m
- Thermoformable at 170°C

Thickness	5 mm					7 mm					10 mm								
Item N°.	PL500-05					PL500-07					PL500-10								



# LINING AND FINISHING

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Foam lining materials

### Memory Foam

- Very comfortable, it absorbs shocks and avoids pressure points.
- It gets back to its initial shape even after hard pressure.
- Its strong bonding capacity adhesive is designed to bond to many surfaces like plastics, wood, metal, cardboard, etc.
- Width 410 mm / Length 610 mm



Thickness	10 mm
Item N°.	EL093

### High density foam: PE + EVA Foam

- Particularly convenient to make tabs.
- Easy to machine.
- Perfectly matches the most complex mold shape.
- Perforated material.
- Density 400 kg / m<sup>3</sup>
- Width 0,85 m / Length 0,85 m
- Thermoformable at 130°C.



Thickness	2 mm
Item N°.	PL4D16

### Marble EVA Foam

- Closed cell foam.
- Lightweight, comfortable and resistant to rubbing.
- Ideal for orthosis finishing. Long life product.
- Density 240 kg / m<sup>3</sup>
- Width 1,05 m / Length 2,10 m
- Thermoformable at 80°C.



Thickness	2 mm		
Color	Black	Blue	Fuchsia
Item N°.	PL52002-01	PL52002-02	PL52002-03



# LINING AND FINISHING

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Thermoformable 3D fabric

- Breathable, textured, moisture wicking fabric.
- Very comfortable and soft to the touch.
- Easy to clean, washable at 40°C.
- Good resistance to aging.
- Glue-less, this fabric limits risks of allergy.
- Width 1 m / Length 1,45 m
- Thickness 6 mm
- Thermoformable at 170°C.



Color	Black	White	Blue	Raspberry	Lead gray	Brown	Green	Red
Item N°.	TT501	TT502	TT503	TT504	TT505	TT506	TT507	TT508

## 3D fabric

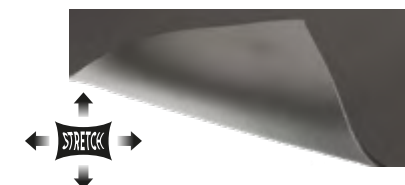
- Breathable, textured, moisture wicking fabric.
- Very comfortable and soft to the touch.
- Easy to clean, washable at 40°C.
- Good resistance to aging
- Glue-less, this fabric limits risks of allergy.
- Width 1,45 m / Length by meter m
- Thickness 6 mm



Color	Black	White	Blue	Raspberry	Lead gray	Brown	Green	Red
Item N°.	TT381	TT382	TT383	TT384	TT385	TT386	TT387	TT388

## Waterproof & stretchable fabric

- Black color
- Particularly suitable for making waterproof covers.
- Extensibility (bi stretch).
- Excellent mechanical strength.
- Easy to clean, washable at 40°C for TT372 and up to 90°C for TT373#10.



Thickness	2,5 mm (with foam)	1 mm (without foam)
Width	1,45 m	
Length	by meter	10 m
Item N°.	TT372	TT373#10












# LINING AND FINISHING

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Elastic velvet edge

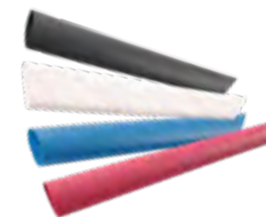
- Its elasticity makes it suitable for finishing of edges with complex shapes.
- Very comfortable and soft to the touch.
- Reduces risks of irritation caused by rough edges.
- Can be stitched or glued on plastics.







Color	<div>Black</div> <div></div>	<div>White</div> <div></div>	<div>Blue</div> <div></div>	<div>Fuchsia</div> <div></div>	<div>Grey</div> <div></div>	<div>Brown</div> <div></div>	<div>Red</div> <div></div>	<div>Green</div> <div></div>	<div>Skin</div> <div></div>	
Length	25 m									
Width	25 mm								25 mm	22 mm
Item N°.	TT020-N	TT020-White	TT020-Blue	TT020-F	TT020-G	TT020-M	TT020-R	TT020-V	TT020	TT025

## Thermoretractile sheath (x10)

- Allows for upright lining.
- Retractable using a heat gun.



Color	<div>Black</div> <div></div>	<div>Red</div> <div></div>	<div>Blue</div> <div></div>	<div>White</div> <div></div>	
Length	1,2 m				
Diameter	18 mm	19 mm			25 mm
Item N°.	PL02408	PL02406	PL02407	PL02405	PL02404

## Skin

Type	Horse skin	Chamois skin	Imitation Leather
Use	Sheathing of uprights and 1st choice liner	Inside lining of lower limb orthosis & wooden lower limb prosthesis	Soft for sheathing of lower limb orthosis and prosthesis
Thickness	0,7 - 1 mm	1 - 1,5 mm	2 mm
Color	Beige	Natural	White
Packaging	±1,5 m²	±0,5 m²	±1,5 m²
Item N°.	C034	C050	C012



# STRAP AND BUCKLE

TABLE OF CONTENTS

KNEES

ANKLES

FEET

COMPONENTS

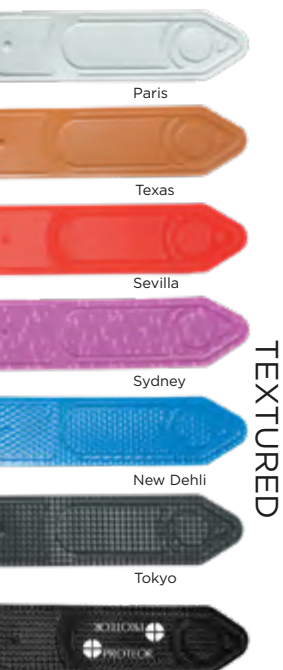
LINERS & SOCKETS

ORTHOSIS

MATERIALS

CONTACTS

**A full range of straps and pads, including chafe and loop.**



## PROTEOR LOGO

PROTEOR marking available for signaled colors; replace CC by CM when ordering reference



## MARKING

100 pieces minimum in same size and color. Please, contact us to get an estimate, from 100 straps.



CUSTOMIZED	Pack.	SELF-GRIPPING STRAP				PVC PAD	
		Length	300 mm	400 mm		150 mm	
		Width	25 mm	40 mm		25 mm	40 mm
	x 10	Ladybug	2X412-CV300R	2X512-CV400R		2X812	2X612
	x 10	Syxtty Flower	2X411-CV300R	2X511-CV400R		2X811	2X611
	x 10	Jean	2X410-CV300R	2X510-CV400R		2X810	2X610

	Pack.	SELF-GRIPPING STRAP					PVC PAD	
		Length	300 mm		500 mm	400 mm	680 mm	150 mm
		Width	16 mm	25 mm		40 mm		25 mm 40 mm
TEXTURED	x 10	Paris	2X716-CV300R	2X416-CV300R	2X416-CV500R	2X516-CV400R	2X516-CV680R	2X814 2X614
	x 10	Texas	2X79-CV300R	2X49-CV300R	2X49-CV500R	2X59-CV400R	2X59-CV680R	2X89 2X69
	x 100	Texas marked	2X79-CC300R	2X49-CC300R	2X49-CC500R	2X59-CC400R	2X59-CC680R	
	x 10	Sevilla	2X709-CV300R	2X409-CV300R	2X409-CV500R	2X509-CV400R	2X509-CV680R	2X805 2X605
	x 100	Sevilla marked	2X709-CC300R	2X409-CC300R	2X409-CC500R	2X509-CC400R	2X509-CC680R	
	x 10	Sydney	2X701-CV300R	2X401-CV300R	2X401-CV500R	2X501-CV400R	2X501-CV680R	2X801 2X601
	x 10	New Dehli	2X702-CV300R	2X402-CV300R	2X402-CV500R	2X502-CV400R	2X502-CV680R	2X802 2X602
	x 10	Tokyo	2X70-CV300R	2X40-CV300R	2X40-CV500R	2X50-CV400R	2X50-CV680R	2X85 2X65
	x 100	Tokyo marked	2X70-CC300R	2X40-CC300R	2X40-CC500R	2X50-CC400R	2X50-CC680R	
	x 10	Alaska	2X75-CV300R	2X45-CV300R	2X45-CV500R	2X55-CV400R	2X55-CV680R	2X81 2X61
COLORED	x 10	Moscou	2X713-CV300R	2X413-CV300R	2X413-CV500R	2X513-CV400R	2X513-CV680R	2X818 2X618
	x 10	Oslo	2X719-CV300R	2X419-CV300R	2X419-CV500R	2X519-CV400R	2X519-CV680R	2X83 2X63
	x 100	Oslo Marked	2X719-CC300R	2X419-CC300R	2X419-CC500R	2X519-CC400R	2X519-CC680R	
	x 10	Shanghai	2X721-CV300R	2X421-CV300R	2X421-CV500R	2X521-CV400R	2X521-CV680R	2X809 2X609
	x 100	Shanghai marked	2X721-CC300R	2X421-CC300R	2X421-CC500R	2X521-CC400R	2X521-CC680R	
	x 10	Auckland	2X714-CV300R	2X414-CV300R	2X414-CV500R	2X514-CV400R	2X514-CV680R	2X819 2X619
	x 100	Auckland marked	2X714-CC300R	2X414-CC300R	2X414-CC500R	2X514-CC400R	2X514-CC680R	
	x 10	Amsterdam	2X708-CV300R	2X408-CV300R	2X408-CV500R	2X508-CV400R	2X508-CV680R	2X808 2X608
	x 100	Amsterdam marked	2X708-CC300R	2X408-CC300R	2X408-CC500R	2X508-CC400R	2X508-CC680R	
	x 10	Lima	2X71-CV300R	2X41-CV300R	2X41-CV500R	2X51-CV400R	2X51-CV680R	
	x 100	Lima marked	2X71-CC300R	2X41-CC300R	2X41-CC500R	2X51-CC400R	2X51-CC680R	
	x 10	London	2X77-CV300R	2X47-CV300R	2X47-CV500R	2X57-CV400R	2X57-CV680R	





# STRAP and BUCKLE

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Self-gripping strap

### Fabric strap

- Flexible, comfortable and washable.
- Ideal for areas sensitive to rubbing.
- One size. Can be easily cut with scissors.
- Delivered with roller chafe to facilitate the sliding of the strap.



Length	290 + 125 mm	
Width	25 mm	40 mm
Packaging	x 10	
Item N°.	2X100-2525	2X100-4025

### Velvet strap

- Flexible, comfortable and washable strap.
- It is ideal for friction sensitive areas.
- Better comfort thanks to the built-in flap.
- Impressive gripping strength thanks to the micro hook.
- Delivered with roller chafe to facilitate the sliding of the strap.



Width	25 mm	40 mm
Packaging	x 10	
Item N°.	2X098-2525	2X098-4025

### Micro-hook strap

- Velvet-hemmed loop band, associated with our micro hook pliers.
- Optimal implementation: can be cut to the desired length.
- Delivered with roller chafe to facilitate the sliding of the strap.



Width	25 mm	40 mm
Packaging	x 10	
Item N°.	2X099-25	2X099-40



# STRAP and BUCKLE

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Hook and loop strap.

### Comfort pad

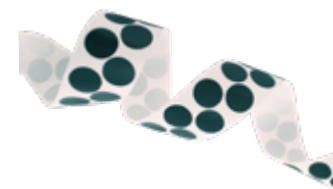
- Provides comfort in areas sensitive to rubbing.
- The hooks on one side make it easy to attach to loop.
- 2X100-NS with silicone to prevent the orthosis from slipping.
- Easy cutting.
- Particularly adapted to 2X100-4025



Silicone Antislip	No	Yes
Length	1 m	
Width	50mm	
Packaging	By meter	
Item N°.	2X100-N	2X100-NS

### Micro-hook

- Very flat, soft to the touch.
- Exceptional gripping capacity.
- Bonds easily to many supports like polyethylene, polypropylene, PVC, polyamide, wood, glass, cardboard, metal.
- Precut round pieces.
- Adhesive side for immediate bond, optimal after 24h.



Diameter	15 mm	25 mm	
Color	Black	Transparent	
Packaging	x 800	x 400	25 m
Item N°.	TT216-15	TT216-25	TT215-25

### Adhesive backed hook & loop strap

- Fastening system made of separate hook straps and loop straps.
- Easy to install as the straps are backed with strong bonding capacity adhesive.
- The adhesive is specially designed to bond to a variety of surfaces like polyethylene, polypropylene, PVC, polyamide, wood, glass, cardboard and metal.
- Long-lasting and suitable for intensive use.



Length	25 m					
Color	Black			White		
Width	25 mm	38 mm	50 mm	25 mm	38 mm	50 mm
Loop Item N°.	TTA501-25A	TTA501-38A	TTA501-50A	TTA502-25A	TTA502-38A	TTA502-50A
Hook Item N°.	TTC501-25A	TTC501-38A	TTC501-50A	TTC502-25A	TTC502-38A	TTC502-50A



# STRAP and BUCKLE





[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Fixing strap

### Hook & loop strap





- Allows for upright lining.
- Retractable using a heat gun.



Color	Black 			White 				Blue 	Fuchsia 
Length	25 m								
Width	25 mm	38 mm	50 mm	20 mm	25 mm	38 mm	50 mm	25 mm	25 mm
Loop Item N°.	TTA501-25	TTA501-38	TTA501-50	TTA502-20	TTA502-25	TTA502-38	TTA502-50	TTA503-25	TTA504-25
Hook Item N°.	TTC501-25	TTC501-38	TTC501-50	TTC502-20	TTC502-25	TTC502-38	TTC502-50	TTC503-25	TTC504-25

### Polypropylene strap



Color	Black 			White 		Blue 		Fuchsia 	
Length	50 m								
Width	20 mm	25 mm	40 mm	25 mm	40 mm	25 mm	40 mm	25 mm	40 mm
Item N°.	TT029-01	TT027-01	TT028-01	TT027-02	TT028-02	TT027-03	TT028-03	TT027-04	TT028-04



# STRAP and BUCKLE

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

## Fixing strap

### Ratchet strap x 10

Length	315 mm	225 mm
Width	22 mm	
Item N°.	2X80	2X80-S



### Handle with molded coating & fixing plates

- Fixing plates makes easy riveting or drilling.
- For standing devices and seat-braces.

Width	270 mm
Item N°.	PY000003





# STRAP and BUCKLE

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Plastic buckle

### Side release buckle with simple adjustment x 10

Color	Black			White		Blue		Fuchsia	
									
Width	20 mm	25 mm	40 mm	25 mm	40 mm	25 mm	40 mm	25 mm	40 mm
Item N°.	KF045-20	KF045-25	KF045-40	KF045-25B	KF045-40B	KF045-25BL	KF045-40BL	KF045-25F	KF045-40F

### Side release buckle with double adjustment x 10

- Allows the buckle to be positioned quickly and accurately thanks to the adjustment on each of its sides.
- No sewing required.

		
Width	25 mm	40 mm
Item N°.	KF045-25D	KF045-40D

### Security buckle x 10

- Both hands are necessary to unlock the buckle.
- Reduces risks of unexpected unlocking.

		
Width	25 mm	40 mm
Item N°.	KF045-25S	KF045-40S

### Plastic buckle with clip closure x 10

	
Width	25 mm
Item N°.	KF011

### Double slide buckle x 10

Color				
Width	25 mm	40 mm	25 mm	40 mm
Item N°.	KF048-25	KF048-40	KF048-25B	KF048-40B




# STRAP AND BUCKLE

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Metal buckle



### Plain buckle x 10

					
Width	14 mm	16 mm	18 mm	20 mm	25 mm
Roller	yes	yes	no	yes	yes
Item N°.	KF002	KF003	KF004	KF005	KF007

### Loop x 10

Shape	Oval		Rectangular	
				
Width	35 mm	40 mm	16 mm	25 mm
Item N°.	KF022	KF023	KF028	KF020

### Chafe

Color						
Width	25 mm		40 mm		25 mm	
Packaging	x 10		x 10		x 10	
Item N°.	KFF001-25		KFF001-40		KFF002-25	

	x 25		x 10		x 25	
	KFF4085-SSL		KFF002-40		KFF4087-SSL	

### Buckle with leather attachment piece

Shape							
Width	14 mm	16 mm		20 mm		25 mm	32 mm
Stiffness	Flexible	Medium	Flexible	Hard	Medium		
Color	Natural					Chromed	Natural
Item N°.	1X208	1X200	1X202	1X206	1X210	1X215	1X214



# SCREW FITTING

[TABLE OF CONTENTS](#)
[KNEES](#)
[ANKLES](#)
[FEET](#)
[COMPONENTS](#)
[LINERS & SOCKETS](#)
[ORTHOSIS](#)
[MATERIALS](#)
[CONTACTS](#)

## Rivet

### Colored single cap speedy rivet x 100

- Head Ø 13 mm
- Tube Ø 4 mm

																
Color	Black		White		Blue		Fuchsia		Grey		Brown		Green		Red	
Height	15,6 mm	12,4 mm	15,6 mm	12,4 mm	15,6 mm	12,4 mm	15,6 mm	12,4 mm	15,6 mm	12,4 mm	15,6 mm	12,4 mm	15,6 mm	12,4 mm	15,6 mm	12,4 mm
Item N°.	KE100	KE200	KE101	KE201	KE102	KE202	KE103	KE203	KE104	KE204	KE105	KE205	KE106	KE206	KE107	KE207



### Single cap speedy rivet x 100



Head Ø	8,5 mm			9,5 mm	10,5 mm	12 mm
Tube Ø	3 mm			3 mm	3 mm	3 mm
Height	8 mm	11 mm	15,6 mm	9,1 mm	11 mm	10 mm
Item N°.	KE050	KE051	KE057	KE056	KE058	KE053




### Copper rivet x 100



Shape						
Head Ø	8 mm		12 mm	11 mm	14 mm	3,5 mm
Tube Ø	3 mm	3 mm	4 mm		5 mm	2 mm
Height	16 mm	25 mm	12 mm	20 mm	20 mm	5 mm
Item N°.	KRCL3016	KRCL3025	KRCL4012	KRCL4020	KRCL5020	KRCD2005

## Nut

### Steel nut

Type						
Ø	M3	M4	M5	M4	M5	M6
Packaging	x 100			x 25	x 50	
Item N°.	SEH030	SEH040	SEH050	SER4	SEF05	SEF06



# EXPORT COMMERCIAL WARRANTY TERMS

These commercial warranty terms complete our general sales conditions SGDO00013 EN defining the legal warranty and our product repair and return conditions.

## 1 - WARRANTY AND PRODUCT LIFE

Warranty and product life are two different and complementary concepts.

Usually the prosthetic and orthotic components have an average product life of 2 to 3 years, provided that the medical device in which they are included is regularly checked by a CPO (yearly control at least) to ensure especially that usage conditions remains correct (weight, activities, assembly ...).

For some technical components (e.g. electronic knees), the product life may be extended up to 5 years with service required (\*).

Product	Standard Warranty duration	Manufacturer training required	Extended Warranty available	Service required (*)	Notes
Lower Limb Prosthetics					
Micro Processor Knees					
PLIE 3	3 years	Yes	2 years warranty extension to be subscribed within 12, 24 or 36 months	Control & maintenance every year. (Revisions at 12 & 24 months)	Contact our Sales Department
HYBRID (1P360...) export	3 years	Yes	Yes	Control & maintenance every 2 years	Contact our Sales Department
ALLUX (1P380)	2 years	Yes	Yes	Control & maintenance in year 2	Contact our Sales Department
Accessories (charger...)	1 year	No	No	No	
Hydraulic, pneumatic knees					
Hydracadence (1P50-R)	2 years	No	No	No	Mechanical wear and tear of the rings is not covered by warranty.
Hydeal (1P120, 1P121)	3 years	No	No	No	Mechanical and hydraulic part. Mechanical looseness after 12 months is not covered by warranty because it is due to normal wear and tear of the product.
Matik (1P200)	3 years	No	No	No	
Hytrek (1P130)	3 years	No	No	No	
Genoux mécaniques / Mechanical knees					
Mechanical knees (1M01, 1M10, 1M112, 1M113, 1M03, 1M102, 1M102V)	3 years	No	No	No	Mechanical and hydraulic part. Mechanical looseness after 12 months is not covered by warranty because it is due to normal wear and tear of the product.
Sport knee					
Easy Ride (1P650)	1 year	No	No	No	Warranty only for manufacturing defect, assembling error. No warranty for wear and tear (seals or any other wearing part and shock absorber).
Microprocessor ankles					
Kinnex 2.0	3 years	Yes	Yes 24 months	No	Contact our Sales Department
Méchanical ankles					
Kinterra	3 years	No	No	No	



## EXPORT COMMERCIAL WARRANTY TERMS

Product	Standard Warranty duration	Manufacturer training required	Extended Warranty available	Service required (*)	Notes
Feet					
S.A.C.H. feet, Dynastep (1A101) Single Axis Foot, 3 parts foot	1 year	No	No	No	Defects of appearance showing after 6 months are not systematically covered by warranty because they depend on the product use.
Energy Storing Feet with removable foot shell. K2, K3, K4 activity level. Dyna C, Dynadapt, Dynatrek, Sierra, Highlander, Agilix, Pacifica, Pacifica LP Dynastar, Dynacity, Dyna J, , Dynatrek, Rush HiPro, Rush Rampage, Rush Hipro Rogue, Rush EVAQ8, Rush H2O, Rush Rover,	3 years	No	No	No	Manufacturing defect in the Composite Fiber structure.
RUSH Chopart	3 years	No	No	No	
Pediatric foot RUSH Kid	2 years	No	No	No	
Sport foot Easy Run (1A920)	1 year	No	No	No	
Geriatric foot Gery (1A200)	1 year	No	No	No	
Foot shell (1A620, 1A60510)	6 months	No	No	No	Aesthetic aspect defect.
Structural components					
Adapters, tube, Lamination anchors,	3 years	No	No	No	
Rotator	2 years	No	No	No	
Liners					
Keasy	2 years	No	No	No	Small defects of appearance are inherent to Keasy and not covered by warranty.
Silicone Liners Stepline, Stepwell	1 year	No	No	No	
Gel Liners Stepline Plus	6 months	No	No	No	
Stump Socks Silosheath	3 months	No	No	No	
Orthotics					
Straps					
2X	6 months	No	No	No	
Articulations					
SPL MULTIMOTION MULTISTATIC PEA CARE AFLEX	1 year	No	No	No	
Fabrication Materials					
Chemical Products					
All products	3 months	No	No	No	Claims are admissible if the storage conditions and implementation are met.



# CONTACT US

[TABLE OF CONTENTS](#)[KNEES](#)[ANKLES](#)[FEET](#)[COMPONENTS](#)[LINERS & SOCKETS](#)[ORTHOSIS](#)[MATERIALS](#)[CONTACTS](#)

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