



# PROSTHETIC SOLUTIONS CATALOG





# WELCOME TO THE ÖSSUR PROSTHETICS CATALOG

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## ÖSSUR PROSTHETIC SOLUTIONS

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For years, Össur has been helping people to feel safe and confident, to rekindle ambitions and focus on new goals rather than limitations, and to feel happy and prepared for life with limb-loss.

When you look at why we have been so successful, you will find a whole series of small but significant steps to a better future – comprehensive solutions that are designed with user needs and aspirations always at the top of the agenda.

Össur is pleased to present its most inclusive range of prosthetics ever, with solutions that embrace diverse populations and provide an effective response, whatever the need.

Each prosthetic is developed with different activity levels in mind. Össur prosthetic solutions are our way to make the selection easier and to help you find a solution for your patient.

## HIGH QUALITY, HIGH PERFORMANCE PRODUCTS... FOR A LIFE WITHOUT LIMITATIONS

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Years of experience in materials technology and innovative design have made Össur a leading developer of prosthetic systems that provide fit and function. Our current product offering is a reflection of this continuing commitment to amputees and to the prosthetic industry.

We are pleased to present a full spectrum of premium lower limb prosthetic components, designed to reflect the individual nature of our customers. We remain focused on patient outcomes and a Life Without Limitations® for all the people who use our products. Our underlying goal is to transform the aspirations and experience of everyone we work with.

Össur is proud to work alongside healthcare professionals all over the world, developing the advanced concepts of tomorrow while delivering exceptional solutions today. The company funds one of the largest research and development units in the industry, pursuing the technological breakthroughs that continually set new standards of performance, quality, and comfort.

Össur is an international manufacturer of prosthetic devices and a leading innovator in the field. The company employs a staff of more than 3,000, serving the needs of amputees, prosthetists, and healthcare professionals worldwide. As part of this service, we provide expert advice, training, and technical assistance. Össur operates a quality management system that meets the requirements of ISO 13485 and 14001. Products are CE-marked and conform to standards and other normative documents outlined in the EC (CE) Declaration of Conformity.

## IMPACT LEVELS

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### LOW

Daily activities involving gentle, steady walking with the use of a walking aid.

Example: Moving around at home, modest walking in the community.



### MODERATE

Daily activities involving average walking with the ability to vary speed or walking pattern.

Example: Going to the shops, confident outdoor walking.



### HIGH

Daily activities involving fast walking, jogging and climbing stairs.

Example: Heavy-lifting, manual labor, recreational sports.



### EXTREME

Activities involving running, track and field, sprinting, and long-distance running.

Example: Track and field sports.



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# ÖSSUR BALANCE SOLUTIONS

## Getting the balance right

For many people with limb-loss, age and poor health can have a significant impact on mobility and confidence. The use of a prosthetic limb can be challenging in itself, so feeling secure and comfortable from the outset is vital if the user is to maintain a level of independence, however small.

### ÖSSUR BALANCE SOLUTIONS

Designed to support less active people who may struggle to maintain a balance of safety, comfort and mobility.

**And getting that balance right can mean greater independence, with an increase in both the frequency and safety of transfers and ambulation.**

Those with diabetes and vascular conditions are especially in need of an appropriate prosthetic solution to help them achieve the right balance. A liner, for example, needs to protect vulnerable skin, and the socket should be easy to use and provide secure suspension. A prosthetic knee, if required, should offer effective stability and support for confident single-speed ambulation, while a foot module should deliver a level of energy return that is in proportion to the activity and load.







## FEEL SAFE FEEL COMFORTABLE

### LINERS



Iceross  
Seal-In® X



Iceross  
Seal-In® X TF

### KNEES



Balance™ Knee  
OFM1



Balance™ Knee  
OFM2

### FEET

UNITY  
COMPATIBLE



K2 Sensation®  
with D/P Flexion™



Balance™ Foot J



Flex-Foot® Assure

# ÖSSUR DYNAMIC SOLUTIONS

## Taking a more dynamic role

The more experienced prosthetic user engages increasingly with the more dynamic challenges of everyday life – from shopping and gardening, to light work and longer walks. The choice of prosthetic solution is critical in supporting people to play an active role in society, to return to work where appropriate and enjoy life to the full.

### ÖSSUR DYNAMIC SOLUTIONS

Designed to encourage increasingly active people who want to enhance their mobility and return to regular activities.

And by overcoming potential obstacles to a more dynamic lifestyle it is possible to reduce the impact of limb loss on the wider community, as well as the individual.

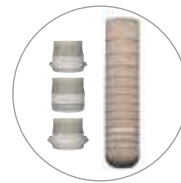
For people with a dynamic lifestyle, a good liner and a comfortable socket are the basis for effective, secure suspension. Comfort is also critical if you are on your feet for long periods, perhaps at work or caring for others. A prosthetic knee should offer fluid, natural movement with a suitable level of stability, while a foot module needs to incorporate great energy return and the range of motion with smooth roll-over resulting in less sound side loading.





# FEEL CONFIDENT FEEL FREE

## LINERS



Iceross  
Seal-In® X



Iceross  
Seal-In® X TF

## KNEES



Power Knee™



Rheo Knee® &  
Rheo Knee® XC



Paso Knee

## FEET

UNITY  
COMPATIBLE



Proprio Foot®



Re-Flex Rotate™



Re-Flex Shock™



Pro-Flex® Pivot



Pro-Flex® XC



Pro-Flex® XC  
Torsion



Pro-Flex® LP



Pro-Flex® LP  
Torsion



Pro-Flex® LP Align\*

\* Pro-Flex® LP Align: Not Unity compatible.

# ÖSSUR JUNIOR SOLUTIONS

## Keeping childhood fun

Even the youngest prosthetic user wants to get the most out of life – running around with friends and family, enjoying school and generally having fun. Prosthetic solutions for children need to enable them to do all that and more. Childhood should be a time of aspiration and adventures, when maximum mobility supports personal development.

### ÖSSUR JUNIOR SOLUTIONS

Designed to champion children and their aspirations, from playing with friends, to competitive sport.

And children who are actively having fun, despite a potential disability, send out a great message to their peers and others.

Stability is naturally a fundamental aspect of prosthetic solutions for youngsters. That and a high level of flexibility and energy return. From sturdy knee joints, to dynamic foot modules and comfortable socket liners, Össur has it covered.





## FEEL HAPPY FEEL ADVENTUROUS

### LINERS



Iceross Stabilo® Junior  
Locking Liner With Wave



Iceross Dermo® Junior  
Locking Liner With Wave

### KNEES



Total Knee® Junior

### FEET



Flex-Foot® Junior



Vari-Flex® Junior



Flex-Run™ Junior  
with Nike Sole



Cheetah® Junior  
with Nike Sole



Cheetah®  
Xplore Junior

# ÖSSUR SPORT SOLUTIONS

## Changing the world of sport

For those people returning to sport or discovering a new sporting passion, the goal is ultimately to fulfil their potential, whether the sport is competitive or not. Increased levels of performance and a challenging range of movement require more specialized prosthetics, designed specifically to cope with athletic demands.

### ÖSSUR SPORT SOLUTIONS

Designed to empower athletes to fulfill their potential in sporting events and activities.

And elite sporting performances can help to raise the bar in terms of awareness and the perception of others in relation to limb loss.

Protection from high-impact forces is a must, when it comes to socket fit and effective liner suspension. The right foot module for the right sport is also critical in order to deliver appropriate energy return and shock absorption in the field, and the unique Nike Sole offers valuable traction out on the track. A prosthetic knee for sporting activities needs to cope with impact and deliver controlled, natural movement.





## FEEL FOCUSED FEEL EMPOWERED

### LINERS



Iceross® Sport  
Locking



Iceross  
Seal-In® X



Iceross  
Seal-In® X TF

### KNEES



Cheetah® Knee

### FEET



Flex-Run™  
With Nike Sole



Flex-Foot  
Cheetah® Xtreme  
with Nike Spike Pad



Flex-Foot  
Cheetah® Xtend  
with Nike Spike Pad



Flex-Foot  
Cheetah®

# ÖSSUR POST-OP SOLUTIONS

## Supporting effective rehabilitation

The goal for most people, following major surgery, is to get back on their feet as soon as possible. Effective rehabilitation focuses on that goal, helping patients to heal quickly and prepare for a prosthetic limb as soon as it is feasible. A key part of the healing process is successful compression of the residual limb.

### ÖSSUR POST-OP SOLUTIONS

Designed to assist patients during post-operative healing, with a view to regaining mobility as soon as possible.

And people who are well prepared for prosthetic solutions – physically and emotionally – tend to return more quickly to their preferred everyday activities.

Specialized Iceross silicone liners have been used in hospitals for years, as part of successful compression therapy for residual limbs. The intended results are often achieved when the liners are used in addition to a patented rigid dressing, with both helping to shape the limb and enabling it to develop more effectively.







## FEEL PREPARED FEEL BETTER

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Össur Rigid Dressing



Iceross® Post-Op TT  
Liner



Iceross® Direct  
Casting Liner



Direct Socket  
Tool Kit



Direct Socket TT  
Kit

# ÖSSUR TOUCH SOLUTIONS

## Technology that touches lives

Össur Touch Solutions provide world-leading prosthetic technologies and supporting services designed to improve outcomes for people with upper limb deficiencies. Our advanced products include myoelectric prosthetic hands and partial hand solutions, as well as highly realistic passive silicon prostheses that match the natural appearance of the wearer.

We are committed to helping ensure that our users and customers have the best possible experience with our products by supporting them with training and a full range of clinical services.





## FEEL INDEPENDENT FEEL COMPLETE

### MYOELECTRIC FULL HANDS



i-Limb®

### MYOELECTRIC PARTIAL HANDS



i-Digits™

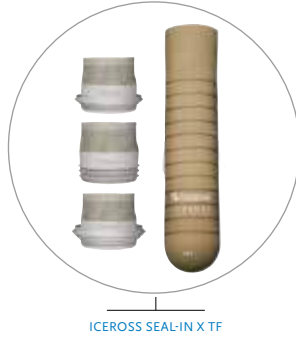
### PASSIVE FUNCTIONAL HANDS



Livingskin™

# ÖSSUR LINERS

## TRANSFEMORAL SOLUTIONS



ICEROSS SEAL-IN X TF

## SEAL-IN LINERS



ICEROSS SEAL-IN X5 TF

4SEAL CLASSIC

ICEROSS TRANSFEMORAL SEAL-IN

## LOCKING LINERS



ICEROSS TRANSFEMORAL  
LOCKING

AKOS LINER

RELAX  
TRANSFEMORAL

## UPPER EXTREMITY SOLUTIONS



ICEROSS UPPER-X  
LOCKING

# ÖSSUR LINERS

## TRANSTIBIAL SOLUTIONS



ICEROSS SEAL-IN X

## SEAL-IN LINERS



ICEROSS SEAL-IN X5 TT    ICEROSS SEAL-IN V    ICEROSS DERMO SEAL-IN

## LOCKING LINERS



ICEROSS COMFORT LOCKING    ICEROSS DERMO LOCKING    ICEROSS SYNERGY LOCKING    RELAX LOCKING    SENSITIVE LOCKING    ICEROSS ORIGINAL LOCKING    SOFT C LOCKING    ICEROSS SPORT LOCKING    PROTECT LOCKING    ICEFORM LOCKING

## CUSHION LINERS



ICEROSS DERMO CUSHION    ICEROSS COMFORT CUSHION    ICEROSS SYNERGY CUSHION    ICEROSS ACTIVA WITH TIBIAGUARD CUSHION    PROTECT CUSHION    RELAX CUSHION    ICEROSS DERMO UNIFORM CUSHION    ICEROSS DERMO UNIFORM LOCKING    ICEFORM CUSHION

# ÖSSUR LINERS

## SUSPENSION METHODS

### SEAL-IN X5

With a series of five seals the Iceross Seal-In X5 liner conforms to the shape of the residual limb and the internal socket wall, providing an airtight seal and improved comfort.

- Rotation control.
- Minimizes pistoning.
- Suspension without a knee sleeve.



SEAL-IN X5

### SEAL-IN V

The volume adaptive blades incorporated in the seal accomodates shape changes. The Seal-In V liner provides reliable and comfortable suspension.

- Cushion suspension without a knee sleeve.
- Rotation control.



SEAL-IN V

### SEAL-IN

With the ingenious Hypobaric Sealing Membrane (HSM™) the Iceross Seal-In Liner optimizes suspension and comfort while offering user convenience for daily use.

- Transtibial hypobaric suspension without a knee sleeve.
- Ease of donning and doffing.
- Improved rotation control.



SEAL-IN

### SEAL-IN X

- The movable seal allows the user to position the seal on the perfect position and fully benefit from a secure and comfortable suspension. Donning a Seal-In liner has never been so easy.
- Individual positioning of the seal
- Exceptional rotation control.



SEAL-IN X

### LOCKING

The locking feature offers users firm, secure and comfortable suspension. Can be used with either locking or lanyard systems.



LOCKING

### CUSHION

A soft, extra thick distal cushion improves user comfort, protects sensitive distal ends, and conforms to irregular distal shapes.



CUSHION

### 4SEAL

With a series of 4 seals and a coated outer surface, the 4Seal Liner provides an airtight seal and improved handling.

- Suspension without a knee sleeve
- No donning aid necessary



4SEAL

# ÖSSUR LINERS

## CHARACTERISTICS

### STABILIZING MATRIX

Integrated matrix allows radial stretch and limits vertical stretch for increased stability and skin comfort.



STABILIZING MATRIX

### FABRIC COVER

The outer cover provides extreme wear and tear, strength, and durability while allowing radial stretch and comfortable elasticity.



FABRIC COVER

### ACTIVE SKIN CARE

Vaseline® and Aloe Vera are incorporated in Dermalisil® silicone to soothe and help maintain healthy skin.



ACTIVE SKIN CARE

### DOUBLE DUROMETER

Two silicone durometers work together: Inner layer offers comfort and protection to the skin and outer layer offers cushioning and stability.



DOUBLE DUROMETER

### WAVE

Allows for comfortable stretching of liner across the patella and controls folding of the liner in the sensitive area behind the knee.



WAVE

### SILKEN INNER SURFACE

Micro engineered surface for skin conformance.



SILKEN INNER SURFACE

### TIBIAGUARD

A soft, silicone pad with integrated Wave feature provides cushioning for the anterior tibia, while a thinner posterior silicone layer enhances control and proprioception. The combination of the two silicone profiles and the Wave design results in cushioning and freedom of movement.



TIBIAGUARD

### CONICAL

This feature is designed to provide a much more comfortable and intimate liner fit for amputees with conical-shaped residual limbs. The conical shape incorporates a series of vertical waves intended to reduce pressure and help prevent the edges of the proximal end from rolling down.



CONICAL

### UMBRELLAN

Umbrellan is a shielding against electromagnetic influences.



UMBRELLAN

### EASY GLIDE

With the Easy Glide coating technology the liner offers users a high handling comfort. No lubricants are needed for donning and it is easy to clean.



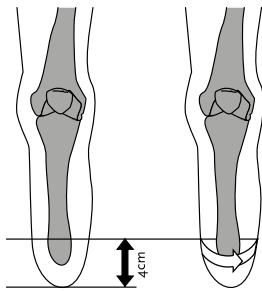
EASY GLIDE

## ICEROSS® TRANSTIBIAL LINERS BY ÖSSUR

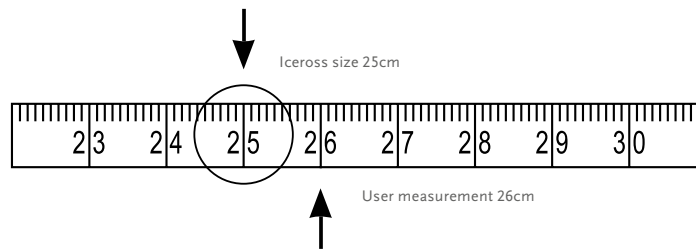
Careful selection of the Iceross liner is required to produce maximum benefit to the user. When selecting the appropriate transtibial Iceross liner the following must be considered:

1. Size of the residual limb
2. Activity/Impact level of the user
3. Use of fitting aids
4. Profile
5. Fitting Aid

### 1. SIZE



With the tissue of the residual limb hanging down, measure 4cm proximal to the distal end of the limb and mark this point on the skin. Measure the circumference of the limb at this point with medium tension on the tape measure.



The measurement taken corresponds to the size of Iceross to be used. Select the liner size matching your measurement or, if between sizes, select the next size below. Do not select a size larger than your measurement or more than one size below the measurement. E.g. if the circumference of the limb measures 26cm, select Iceross size 25.

#### NOTE - ICEROSS LOCKING LINERS:

The incorporated size-specific umbrella works in conjunction with the matrix. Function of both the umbrella and matrix is dependent on correct size selection of the Iceross liner. Incorrect sizing may cause discomfort to the user, perspiration and reduced control of the prosthesis.

#### NOTE - ICEROSS SEAL-IN LINERS:

For Iceross Seal-In liners, it is essential that the Hypobaric Sealing Membrane (HSM™) sits correctly against the liner around its full circumference. Once you have selected the liner according to our instructions, assess the membrane according to the pictures below, visually and manually. Picture 3 is the optimal situation. **In some cases, the next size down may need to be selected to achieve this fitting (this is unique to Iceross Seal-In liners and should not be applied to other Iceross models, including the Iceross Seal-In X5 and Seal-In V liners).**



1. LINER IS TOO SMALL



2. LINER IS TOO BIG



3. LINER FITS CORRECTLY

The sizing recommendations are intended as a guide. There may be occasions when alternative sizes need to be selected.



# ICEROSS® TRANSTIBIAL LINERS BY ÖSSUR

## 2. IMPACT LEVELS

The impact levels are important considerations when selecting a liner. Impact levels relate to the amount of loading placed through the Iceross liner.

## 3. FITTING AIDS

The profile of the Iceross is cylindrical with a rounded distal end. This design accommodates most residual limb shapes. There are occasions, however, when a patient will exhibit an unusual or irregular residual limb shape that does not enable a total contact fit between the skin and the Iceross. The fitting aids are designed to work in conjunction with the Iceross to change the profile of unusual or irregular residual limb shapes to match that of the Iceross. This process is known as profile matching.



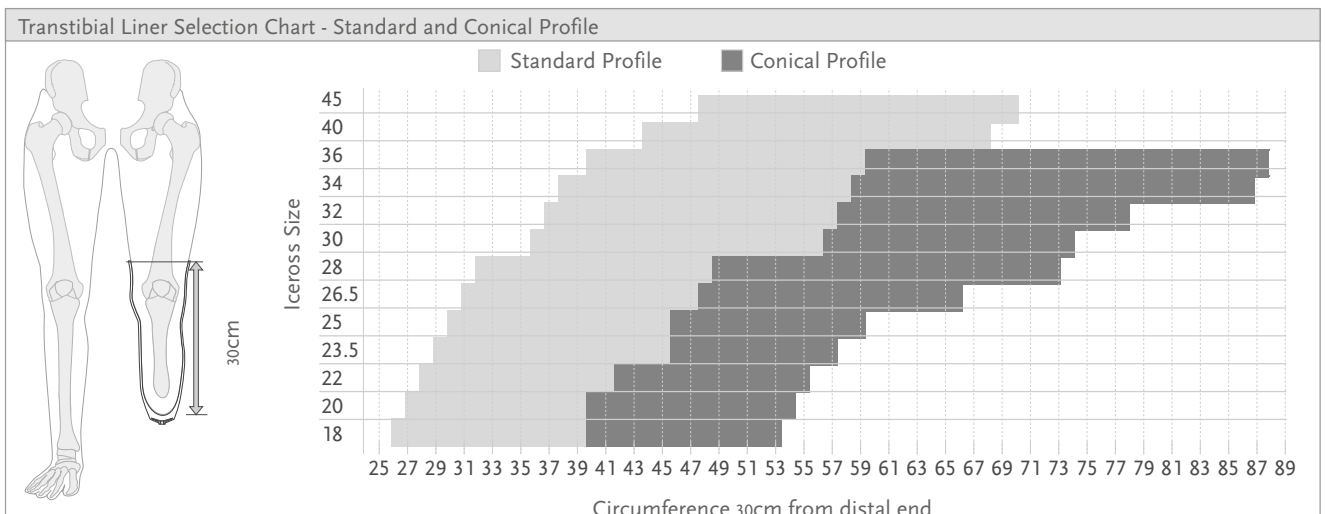
Assess the residual limb shape:

- If the shape is cylindrical, then no fitting aids are required.
- If the residual limb presents a square or flattened distal end, then an Iceross Pad should be installed distally to ensure profile matching between the end of the residual limb and the rounded end of the Iceross liner.
- If the residual limb is conical in shape, then a Distal Cup could be used in conjunction with the Iceross to help ensure correct profile matching. The Distal Cup will assist in providing a more cylindrical shape prior to fitting the Iceross liner.
- Iceross liner size is selected from a measurement taken over the Distal Cup on the residual limb.
- If the residual limb presents with a bulbous distal end (ankle disarticulation, Symes, Lisfranc, etc.), Iceross use is contraindicated and you should consult your local Össur representative to find an appropriate solution.

## 4. PROFILE

Measure the circumference of the residual limb approximately 30 cm above the distal end, refer to the horizontal axis of the selection chart. If the intersection from the horizontal and vertical axes lies in the light grey area of the chart then a standard profile is recommended, if it lies in the dark grey area then a conical profile is recommended.

## 5. FITTING AID



Note: This chart is only an indication of use and should only be used to support the CPO's own experience.

## ICEROSS SEAL-IN® X



Providing advanced Seal-In technology for a wider range of users, Iceross Seal-In X is easier to invert and don, even for less active users who may have hand dexterity issues.

The sleeveless design features a separate seal ring, which can be flexibly positioned for optimum suction regardless of limb shape. It can also be moved as necessary throughout the day for added comfort. Special seamless fabric elongates appropriately over the patella for knee flexion, while the soft, yet durable silicone blend helps nurture potentially fragile skin.

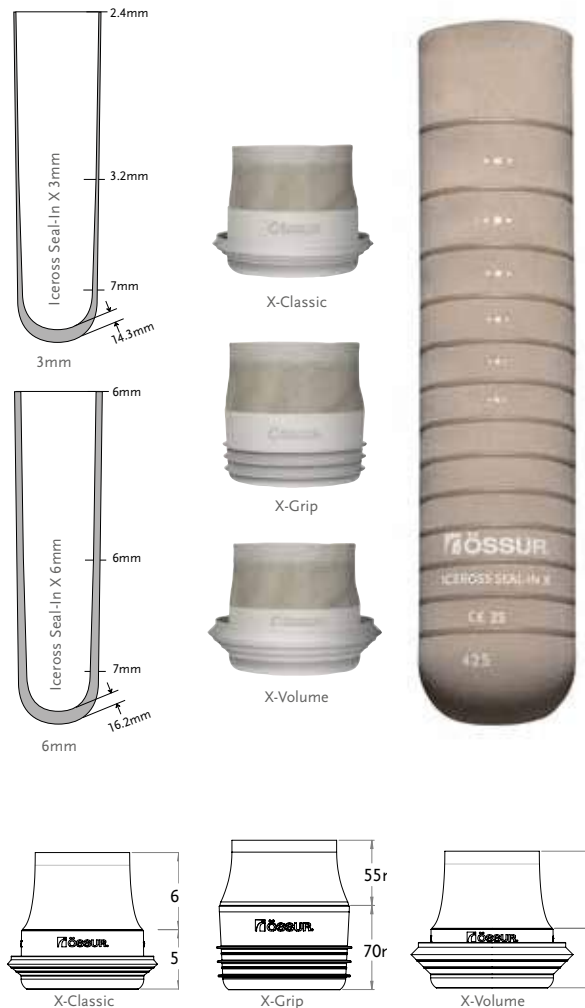
The seal-ring offering provides three different options:

- X-Classic
- X-Grip
- X-Volume

The modular nature of the product makes selection easier, enhancing inventory control. Seal rings can also be renewed as required, without the need for a new liner.

Seal-In X technology is intended for use with Össur's Unity vacuum system.

With the Easy Glide coating technology the liner offers users a high handling comfort. No lubricants are needed for donning and it is easy to clean. Easy-glide coating only applies to the seal-rings.



| User Information  |  |
|-------------------|--|
| Amputation Level: | Trans tibial   |
| Impact Level:     | Low to High  |
| Liner Information |  |
| Liner Sizes:      | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40*        |
| Liner Profiles:   | 3mm, 6mm   |
| Seal Ring Sizes:  | 20, 22, 24, 26, 28, 30, 32, 35, 38, 41, 44, 47, 51, 55, 60, 65 |

\*Size 40 is only available in 3mm.

### SUSPENSION METHOD



SEAL-IN X

### FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

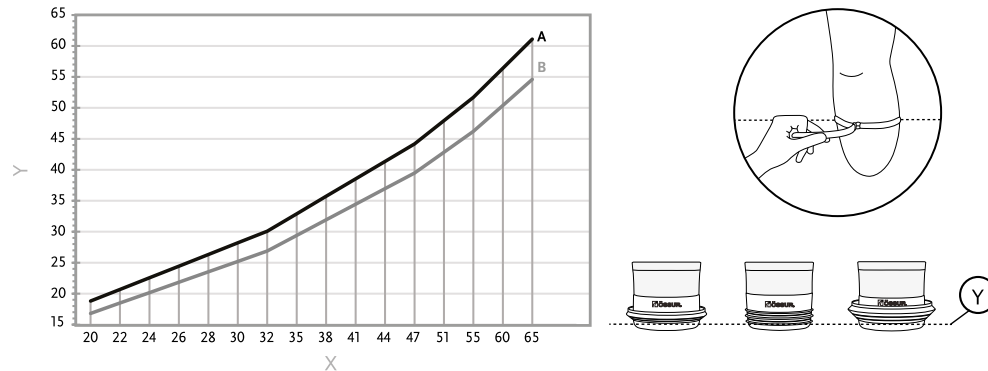


EASY GLIDE

# ICEROSS SEAL-IN® X

## SEAL RING SIZE SELECTION

1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
2. Refer to the sizing chart to estimate correct device size
3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit



### MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure from mid-patella tendon to distal end. Compare the measurement to the table below.

| Liner Size | Minimum Length |
|------------|----------------|
| 16-23,5    | 11cm           |
| 25-30      | 12cm           |
| 32-36      | 13cm           |
| 40         | 14cm           |

### PART NUMBER INFORMATION - ICEROSS SEAL-IN X LINER

| Part#    | Description                 | Contains                   |
|----------|-----------------------------|----------------------------|
| I-4443XX | Iceross Seal-In X 3mm       | Liner                      |
| I-4446XX | Iceross Seal-In X 6mm       | Liner                      |
| I-SXC0XX | Iceross Seal-In X-Classic   | Seal-In X-Classic Ring     |
| I-SXG0XX | Iceross Seal-In X-Grip      | Seal-In X-Grip Ring        |
| I-SXV0XX | Iceross Seal-In X-Volume    | Seal-In X-Volume Ring      |
| I-RXC001 | Seal-In X-Classic Kit 26-51 | 10 Seal-In X-Classic Rings |
| I-RXC004 | Seal-In X-Classic Kit 20-65 | 16 Seal-In X-Classic Rings |
| I-RXG001 | Seal-In X-Grip Kit 26-51    | 10 Seal-In X-Grip Rings    |
| I-RXG004 | Seal-In X-Grip Kit 20-65    | 16 Seal-In X-Grip Rings    |
| I-RXV001 | Seal-In X-Volume Kit 26-51  | 10 Seal-In X-Volume Rings  |
| I-RXV004 | Seal-In X-Volume Kit 20-65  | 16 Seal-In X-Volume Rings  |

# ICEROSS SEAL-IN® X LOCKING



The Iceross Seal-In X Locking liner is a silicone liner for trans-tibial amputees of all activity levels, providing superior function by combining the benefits of locking suspension with the benefits of Seal-In. The liner is available in both 3mm and 6mm profiles.

The liner features:

- Soft DermoGel® silicone
- Seamless functional textile for easy knee bending
- Stabilizing matrix
- Compatible with all movable seal-ring options

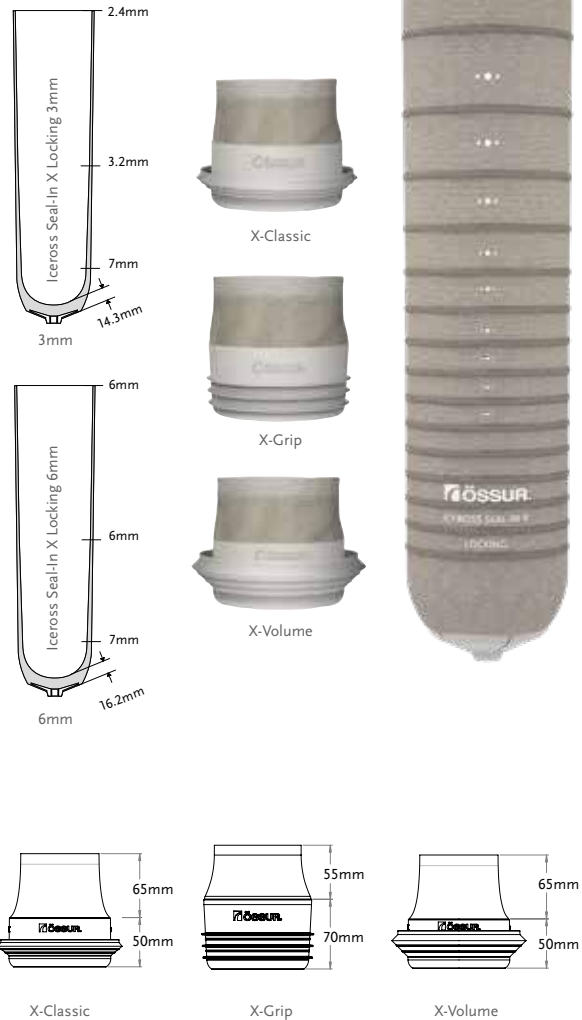
The seal-ring offering provides three different options:

- X-Classic
- X-Grip
- X-Volume

The liner should be used with the Icelock 562 Hybrid (L-562000) and an airtight socket.

Combine Seal-In Technology with Unity vacuum system for stabilization of volume fluctuations and comfortable socket fit throughout the day.

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to High  |
| Liner Information |  |
| Liner Sizes:      | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40, 45     |
| Liner Profiles:   | 3mm and 6mm  |
| Seal Ring Sizes:  | 20, 22, 24, 26, 28, 30, 32, 35, 38, 41, 44, 47, 51, 55, 60, 65 |
| Matrix            | 10 cm  |



## SUSPENSION METHOD



## FEATURES

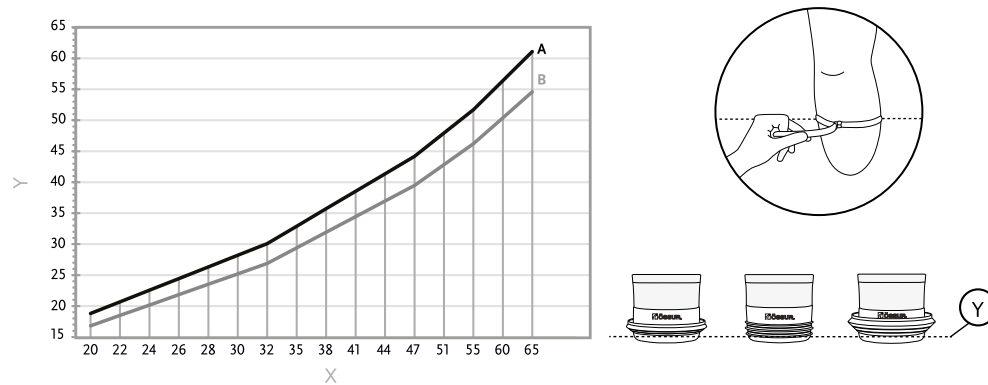


\* Easy Glide only applies to the Seal Rings

# ICEROSS SEAL-IN® X LOCKING

## SEAL RING SIZE SELECTION

1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
2. Refer to the sizing chart to estimate correct device size
3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit



## PART NUMBER INFORMATION - ICEROSS SEAL-IN X LINER

| Part#    | Description                   | Contains                         |
|----------|-------------------------------|----------------------------------|
| I-SXL3XX | Iceross Seal-In X Locking 3mm | Liner in size XX and 3mm profile |
| I-SXL6XX | Iceross Seal-In X Locking 6mm | Liner in size XX and 6mm profile |
| I-SXC0XX | Iceross Seal-In X-Classic     | Seal-In X-Classic Ring           |
| I-SXG0XX | Iceross Seal-In X-Grip        | Seal-In X-Grip Ring              |
| I-SXV0XX | Iceross Seal-In X-Volume      | Seal-In X-Volume Ring            |
| I-RXC001 | Seal-In X-Classic Kit 26-51   | 10 Seal-In X-Classic Rings       |
| I-RXC004 | Seal-In X-Classic Kit 20-65   | 16 Seal-In X-Classic Rings       |
| I-RXG001 | Seal-In X-Grip Kit 26-51      | 10 Seal-In X-Grip Rings          |
| I-RXG004 | Seal-In X-Grip Kit 20-65      | 16 Seal-In X-Grip Rings          |
| I-RXV001 | Seal-In X-Volume Kit 26-51    | 10 Seal-In X-Volume Rings        |
| I-RXV004 | Seal-In X-Volume Kit 20-65    | 16 Seal-In X-Volume Rings        |

# ICEROSS SEAL-IN® V TRANSTIBIAL WITH WAVE

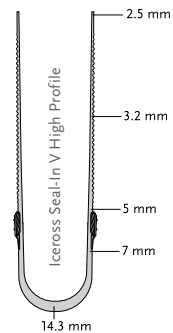
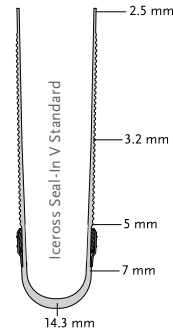


Based on the Iceross Cushion profile, Iceross Seal-In V has a soft distal end for close fit and comfort.

Iceross Seal-In V is available with the seal in two different locations, Standard and High Profile. The High Profile variant should be used when residual limb length allows for it, especially in case of sensitive spots on the distal tibial crest.

Össur recommends Iceross Seal-In V for amputees already past the initial phase of volume and shape conditioning, during the first months post-amputation Iceross Dermo Cushion & Iceross Sleeve are recommended.

| User Information  |                                       |
|-------------------|---------------------------------------|
| Amputation Level: | Transtibial                           |
| Impact Level:     | All                                   |
| Liner Information |                                       |
| Sizes:            | 18,20,22,23.5,25,26.5,28,30,32,34,36. |
| Profile:          | 3mm wave                              |



## SUSPENSION METHOD



SEAL-IN V

## FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

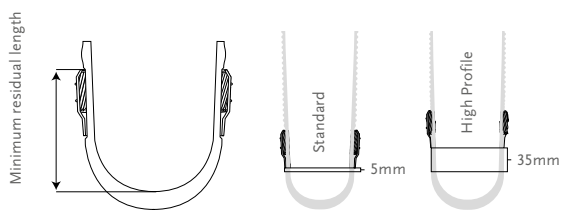


WAVE

## SEAL HEIGHTS AND TRIM LINES

| Liner Size | Minimal Residual Length* |              |
|------------|--------------------------|--------------|
|            | Standard                 | High Profile |
| 18-20      | 10cm                     | 13cm         |
| 21-25      | 11cm                     | 14cm         |
| 26-30      | 12cm                     | 15cm         |
| 31-36      | 13cm                     | 16cm         |

\*Residual limb shapes and trim line preference varies, minimum residual length values are approximates only.



## PART NUMBER INFORMATION - ICEROSS SEAL-IN V TRANSTIBIAL LINER WITH WAVE

| Part#    | Profile  | Description            |
|----------|----------|------------------------|
| I-4713XX | Wave 3mm | Seal-In V              |
| I-4723XX | Wave 3mm | Seal-In V High Profile |

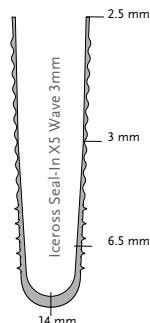
# ICEROSS SEAL-IN® X5 TRANSTIBIAL WITH WAVE



The Iceross Seal-In X5 with Wave incorporates a series of five integrated seals that conform to the shape of the residual limb and the internal socket wall, providing an airtight seal.

The Iceross Seal-In X5 with Wave offers security and freedom of movement.

Össur recommends that Iceross Seal-In X5 Transtibial Liner with Wave is used in conjunction with the Icelock® 500 Series Expulsion Valve.



| User Information  |                                       |
|-------------------|---------------------------------------|
| Amputation Level: | Transtibial                           |
| Impact Level:     | All                                   |
| Liner Information |                                       |
| Size Standard:    | 18,20,22,23.5,25,26.5,28,30,32,34,36. |
| Profile:          | 3mm                                   |
| Matrix:           | 10-13cm                               |

## SUSPENSION METHOD



SEAL-IN X5

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



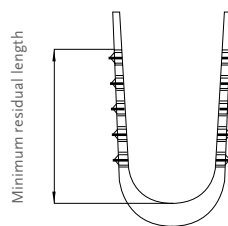
SILKEN INNER SURFACE



WAVE

## MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

| Liner Size | Matrix Length |
|------------|---------------|
| 18         | 10cm          |
| 20-25      | 11cm          |
| 26.5-30    | 12cm          |
| 32-36      | 13cm          |



Matrix size varies depending on the liner size, the smaller the liner the shorter the matrix.

## PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSTIBIAL LINER WITH WAVE

| Part#    | Profile  | Suspension Method | Matrix    |
|----------|----------|-------------------|-----------|
| I-3664XX | Wave 3mm | Seal-In X5        | 10 - 13cm |

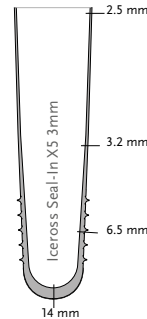
# ICEROSS SEAL-IN® X5 TRANSTIBIAL



The Iceross Seal-In X5 incorporates a series of five integrated seals that conform to the shape of the residual limb and the internal socket wall, providing an airtight seal.

Össur recommends that Iceross Seal-In X5 Transtibial Liner is used in conjunction with the Icelock® 500 Series Expulsion Valve.

| User Information  |                                       |
|-------------------|---------------------------------------|
| Amputation Level: | Transtibial                           |
| Impact Level:     | All                                   |
| Liner Information |                                       |
| Size Standard:    | 18,20,22,23.5,25,26.5,28,30,32,34,36. |
| Profile:          | 3mm                                   |
| Matrix:           | 10-13cm                               |



## SUSPENSION METHOD



SEAL-IN X5

## FEATURES



STABILIZING MATRIX



FABRIC COVER



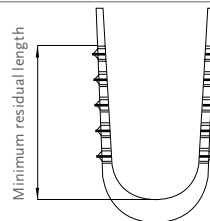
ACTIVE SKIN CARE



SILKEN INNER SURFACE

## MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

| Liner Size | Matrix Length |
|------------|---------------|
| 18         | 10cm          |
| 20-25      | 11cm          |
| 26.5-30    | 12cm          |
| 32-36      | 13cm          |



## PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSTIBIAL LINER

| Part#    | Profile | Suspension Method | Matrix   |
|----------|---------|-------------------|----------|
| I-3663XX | 3mm     | Seal-In X5        | 10 -13cm |



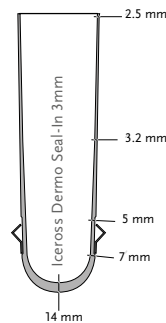
# ICEROSS DERMO SEAL-IN®



Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin of vascular patients and those with sensitive skin.

Iceross Dermo is a premium suspension liner that provides superb softness, gentle skin contact and Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Seal-In Liner is used in conjunction with the Icelock® 500 Series Expulsion Valve.



| User Information  |                                       |
|-------------------|---------------------------------------|
| Amputation Level: | Transtibial                           |
| Impact Level:     | Low to High                           |
| Liner Information |                                       |
| Size Standard:    | 18,20,22,23.5,25,26.5,28,30,32,34,36. |
| Profile:          | 3mm                                   |
| Matrix:           | 10cm                                  |

## SUSPENSION METHOD



SEAL-IN

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

## PART NUMBER INFORMATION - ICEROSS DERMO SEAL-IN LINER

| Part#    | Profile | Suspension Method | Matrix |
|----------|---------|-------------------|--------|
| I-4613XX | 3mm     | Seal-In           | 10cm   |

# ICEROSS® SYNERGY™ LOCKING WITH WAVE

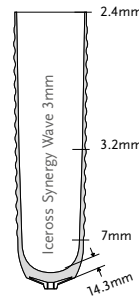


The Iceross Synergy liner with Wave incorporates a combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

Iceross Synergy with Wave makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee.

Össur recommends that Iceross Synergy Liner with Wave is used in conjunction with the Icelock® 600 Series.



| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial                                    |
| Impact Level:     | Moderate to Extreme                            |
| Liner Information |  |
| Size Standard:    | 16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45. |
| Profile:          | 3mm  |
| Matrix:           | 10cm or Custom 2-14cm*                         |

## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



WAVE

## PART NUMBER INFORMATION - ICEROSS SYNERGY LINER WITH WAVE

| Part#    | Profile  | Suspension Method | Matrix         |
|----------|----------|-------------------|----------------|
| I-6303XX | 3mm Wave | Locking           | 10cm           |
| I-6206XX | 3mm Wave | Locking           | Custom 2-14cm* |

\*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

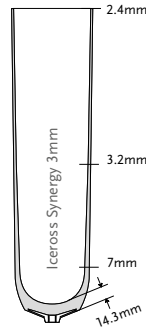
# ICEROSS® SYNERGY™ LOCKING



The Iceross Synergy liner incorporates a combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

Össur recommends that Iceross Synergy Liner is used in conjunction with the Icelock® 600 Series.



| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial   |
| Impact Level:     | Moderate to Extreme   |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40, 45. |
| Profile:          | 3mm   |
| Matrix:           | 10cm or Custom 2-14cm*                                      |

## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER

## PART NUMBER INFORMATION - ICEROSS SYNERGY LINER

| Part#    | Profile | Suspension Method | Matrix         |
|----------|---------|-------------------|----------------|
| I-6003XX | 3mm     | Locking           | 10cm           |
| I-6203XX | 3mm     | Locking           | Custom 2-14cm* |

\*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

# ICEROSS DERMO® LOCKING WITH WAVE



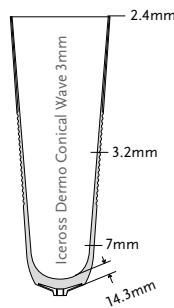
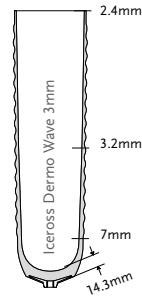
Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin of people with vascular problems or sensitive skin.

Iceross Dermo features horizontal waves designed for easier flexion at the knee, Iceross Dermo Conical also features vertical waves intended to help prevent the edges from rolling down.

A premium suspension liner that provides superb softness, gentle skin contact and Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Liner with Wave is used in conjunction with the Icelock® 600 series.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial   |
| Impact Level:     | Low to Moderate   |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40, 45. |
| Size Conical:     | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36.             |
| Profile:          | 3mm   |
| Matrix:           | 10cm or Custom 2-14cm*                                      |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE



CONICAL

## PART NUMBER INFORMATION - ICEROSS DERMO LINER WITH WAVE

| Part#    | Profile          | Suspension Method | Matrix           |
|----------|------------------|-------------------|------------------|
| I-4313XX | 3mm Wave         | Locking           | 10cm             |
| I-4223XX | 3mm Wave         | Locking           | Custom (2-14cm)* |
| I-4913XX | Conical 3mm Wave | Locking           | 10cm             |

\*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

## ICEROSS DERMO® LOCKING



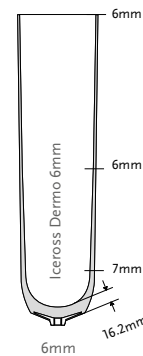
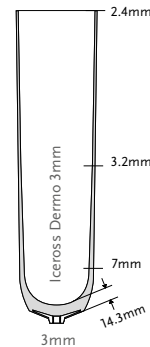
Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin of people with vascular problems or sensitive skin.

Iceross Dermo is a premium suspension liner that provides softness, gentle skin contact and Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® outer cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Liner is used in conjunction with the Icelock® 600 Series.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial   |
| Impact Level:     | Low to Moderate   |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40, 45* |
| Profile:          | 3mm or 6mm  |
| Matrix:           | 10cm or Custom 2-14cm*                                      |

\* Iceross Dermo 6mm Custom Liner is not available in the following sizes: 16, 18, 34, 36, 40, 45.



### SUSPENSION METHOD



LOCKING

### FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

### PART NUMBER INFORMATION - ICEROSS DERMO LINER

| Part#    | Profile | Suspension Method | Matrix         |
|----------|---------|-------------------|----------------|
| I-4013XX | 3mm     | Locking           | 10cm           |
| I-4213XX | 3mm     | Locking           | Custom 2-14cm* |
| I-4016XX | 6mm     | Locking           | 10cm           |
| I-4216XX | 6mm     | Locking           | Custom 2-14cm* |

\*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

# ICEROSS DERMO® UNIFORM LOCKING



Dermo Uniform profiles retrofit the ones commonly found in the market today, while still offering the popular features of our Dermo liners. Recommended for low to moderately active transtibial users, Iceross Dermo Uniform Liners are designed for vascular users and those with sensitive skin.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial                                     |
| Impact Level:     | Low to Moderate                                 |
| Liner Information |   |
| Size Standard:    | Small, Medium, Medium+, Large, Large+, X-Large. |
| Profile:          | 6mm Anterior, 3mm Posterior                     |
| Matrix:           | 10cm  |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER

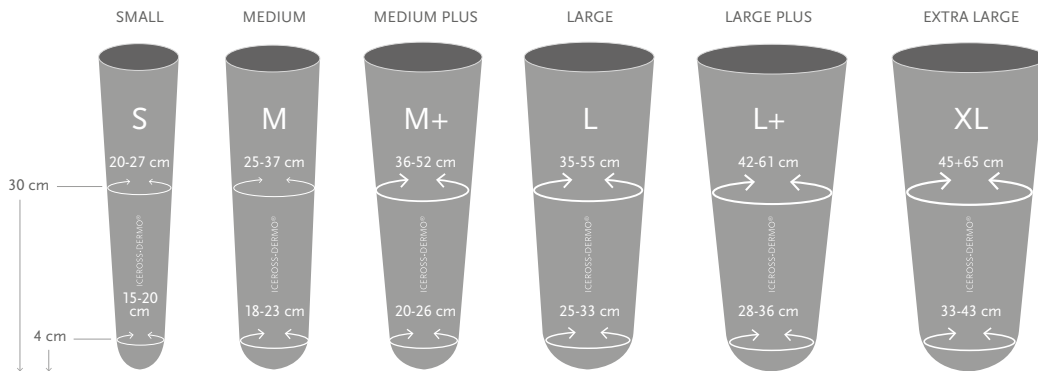


ACTIVE SKIN CARE



SILKEN INNER SURFACE

## SIZING



## PART NUMBER INFORMATION - ICEROSS DERMO LINER

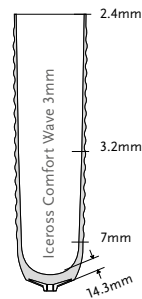
| Part#    | Profile                            | Suspension Method | Matrix |
|----------|------------------------------------|-------------------|--------|
| I-410615 | Dermo Uniform 6mm Locking Small    | Locking           | 10cm   |
| I-410618 | Dermo Uniform 6mm Locking Medium   | Locking           | 10cm   |
| I-410620 | Dermo Uniform 6mm Locking Medium + | Locking           | 10cm   |
| I-410625 | Dermo Uniform 6mm Locking Large    | Locking           | 10cm   |
| I-410628 | Dermo Uniform 6mm Locking Large +  | Locking           | 10cm   |
| I-410633 | Dermo Uniform 6mm Locking XLarge   | Locking           | 10cm   |

## ICEROSS COMFORT® LOCKING WITH WAVE



Iceross Comfort is designed with Össur's stabilizing matrix, a size-specific distal attachment and a nylon fabric cover. Iceross Comfort utilizes soft Sensil® silicone and is designed for residual limbs with bony prominences prone to pressure peaks.

Össur recommends that Iceross Comfort Liner with Wave is used in conjunction with the Icelock® 600 Series.



| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to Moderate  |
| Liner Information |  |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40, 45 |
| Profile:          | 3mm  |
| Matrix:           | 10cm   |

### SUSPENSION METHOD



LOCKING

### FEATURES



STABILIZING MATRIX



FABRIC COVER



SILKEN INNER SURFACE



WAVE

### PART NUMBER INFORMATION - ICEROSS COMFORT LINER

| Part#    | Profile  | Suspension Method |
|----------|----------|-------------------|
| I-5303XX | 3mm Wave | Locking           |

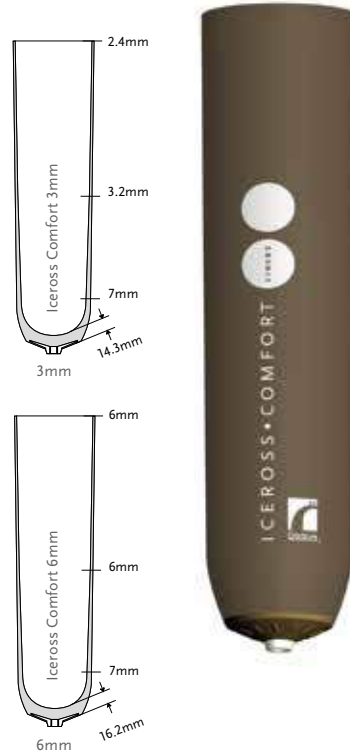
# ICEROSS COMFORT® LOCKING



Iceross Comfort is designed with Össur's patented stabilizing matrix, a size-specific distal attachment and a nylon fabric cover. Iceross Comfort is designed for the needs of residual limbs with bony prominences prone to pressure peaks.

Össur recommends that Iceross Comfort Liner is used in conjunction with the Icelock® 600 Series.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial   |
| Impact Level:     | Low to Moderate   |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40, 45. |
| Profile:          | 3mm or 6mm  |
| Matrix:           | 10cm or Custom 2-14cm*                                      |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER

## PART NUMBER INFORMATION - ICEROSS COMFORT LINER

| Part#    | Profile | Suspension Method | Matrix         |
|----------|---------|-------------------|----------------|
| I-5406XX | 3mm     | Locking           | 10cm           |
| I-5506XX | 3mm     | Locking           | Custom 2-14cm* |
| I-5006XX | 6mm     | Locking           | 10cm           |
| I-5106XX | 6mm     | Locking           | Custom 2-14cm* |

\*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.



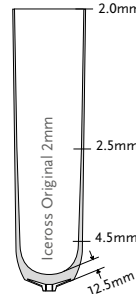
# ICEROSS® ORIGINAL LOCKING



The Iceross Original post-operative liner is easy to don and doff and is recommended for users from low to high activity levels who require good stability and suspension. The Stabilizing Matrix effectively minimizes pistoning.

Össur recommends that Iceross Original Liner is used in conjunction with the Icelock® 600 Series.

| User Information    |   |
|---------------------|---|
| Amputation Level:   | Transtibial   |
| Impact Level:       | Low to High   |
| Liner Information   |   |
| Size with cover:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 42, 45.         |
| Size without cover: | 12, 14, 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 42, 45. |
| Profile:            | 2mm   |
| Matrix:             | 10cm or Custom 2-14cm*  |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER

## PART NUMBER INFORMATION - ICEROSS ORIGINAL WITH AND WITHOUT COVER

| Part#    | Description                    | Profile | Suspension Method | Matrix         |
|----------|--------------------------------|---------|-------------------|----------------|
| I-0124XX | Iceross Original with Cover    | 2mm     | Locking           | 10cm           |
| I-2024XX | Iceross Original with Cover    | 2mm     | Locking           | Custom 2-14cm* |
| I-0104XX | Iceross Original without Cover | 2mm     | Locking           | 10cm           |
| I-2004XX | Iceross Original without Cover | 2mm     | Locking           | Custom 2-14cm* |

\*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

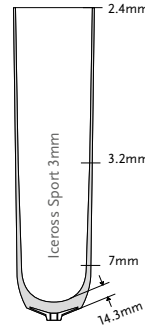
# ICEROSS® SPORT LOCKING



For active amputees that experience greater stress on the residual limb and require additional stability and intimacy of fit. Iceross Sport features a double-layer silicone design and an Advanced Rotation Control System that together provide effective cushioning and rotational stability.

Unlike other suspension liners that are designed mainly for lower activity levels, Iceross Sport is designed specifically to give active amputees the stability and support needed to lead an active lifestyle.

Össur recommends that Iceross Sport Liner is used in conjunction with the Icelock® 600 Series.



| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial                                     |
| Impact Level:     | High to Extreme                                 |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34. |
| Profile:          | 3mm   |
| Matrix:           | 10cm or Custom 2-14cm*                          |

## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



DOUBLE DUROMETER

## PART NUMBER INFORMATION - ICEROSS SPORT LINER

| Part#    | Profile | Suspension Method | Matrix         | Items |
|----------|---------|-------------------|----------------|-------|
| I-1033XX | 3mm     | Locking           | 10cm           | N/A   |
| I-1233XX | 3mm     | Locking           | Custom 2-14cm* | N/A   |

\*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilizing matrix length can be +/- 1.5cm.

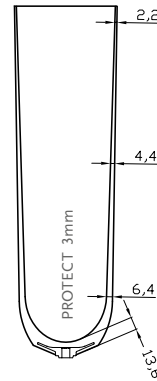
# PROTECT™ LOCKING



Protect provides secure suspension between the residual limb and the prosthesis. It is indicated for diabetic users with dry and atrophic skin. The liner has a microscopically smooth surface and permanently releases skin-care substances.

### Benefits of Protect

- Cares for the sensitive skin of the residual limb with the permanent release of skin-care substances
- Saves time and energy, hard-wearing textile cover for easy donning and doffing



| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to Moderate  |
| Liner Information |  |
| Size Standard:    | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 45 |
| Profile:          | 3mm  |
| Matrix:           | 5cm + 3cm or 10cm + 3cm                                    |

### SUSPENSION METHOD



LOCKING

### FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE

### PART NUMBER INFORMATION

| Part#   | Profile | Suspension Method | Matrix     |
|---------|---------|-------------------|------------|
| MC972XX | 3mm     | Locking           | 5cm + 3cm  |
| MC971XX | 3mm     | Locking           | 10cm + 3cm |

# SENSITIVE™ LOCKING

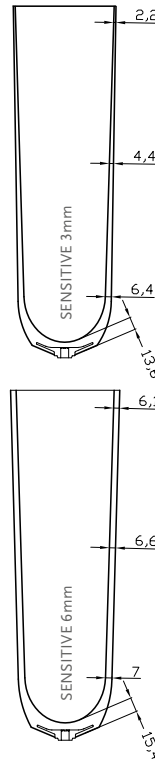


Sensitive provides secure suspension between the residual limb and the prosthesis. It has been developed especially for users with tender residual limbs sensitive to pressure. The silicone used has particularly soft and cushioning properties and a microscopically smooth surface.

**Sensitive**

- Soft, cushioning silicone
- Saves time and energy due to the easy-sliding, hard-wearing textile cover for easy donning and doffing
- Pleasant wearing comfort due to good adhesion and soft tissue stabilization.

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to Moderate  |
| Liner Information |  |
| Size Standard:    | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 45 |
| Profile:          | 3mm or 6 mm  |
| Matrix:           | 5cm + 3cm or 10cm + 3cm                                    |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER

## PART NUMBER INFORMATION

| Part#   | Profile | Suspension Method | Matrix     |
|---------|---------|-------------------|------------|
| M8913XX | 3mm     | Locking           | 5cm + 3cm  |
| M8915XX | 3mm     | Locking           | 10cm + 3cm |
| M8916XX | 6mm     | Locking           | 5cm + 3cm  |
| M8914XX | 6mm     | Locking           | 10cm + 3cm |

## RELAX™ LOCKING

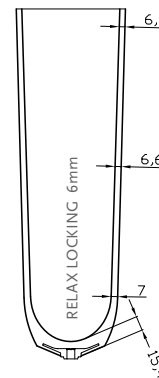
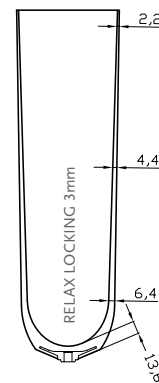


Relax Locking below-the-knee liner provides secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain.

### Benefits of Relax Locking

- Soft-tissue cohesion relieves stress on the residual limb
- Hard wearing textile for easy donning and doffing
- Pleasant wearing comfort due to good adhesion and soft tissue stabilization.

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | All  |
| Liner Information |  |
| Size Standard:    | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 45 |
| Profile:          | 3mm or 6mm   |
| Matrix:           | 5cm + 3cm or 10cm + 3cm                                    |



### SUSPENSION METHOD



LOCKING

### FEATURES



STABILIZING MATRIX



FABRIC COVER

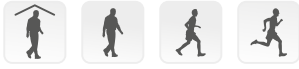


UMBRELLAN

### PART NUMBER INFORMATION

| Part#   | Profile | Suspension Method | Matrix     |
|---------|---------|-------------------|------------|
| M8993XX | 3mm     | Locking           | 5cm + 3cm  |
| M8994XX | 3mm     | Locking           | 10cm + 3cm |
| M8995XX | 6mm     | Locking           | 5cm + 3cm  |
| M8996XX | 6mm     | Locking           | 10cm + 3cm |

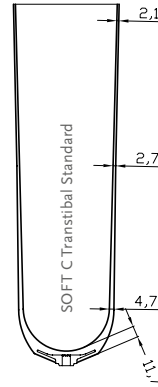
# SOFT C™ LOCKING



SOFT C liner provides a secure suspension between the residual limb and the prosthesis. It has been specially developed for users with a healthy residual limb.

- Pleasant wearing comfort due to good adhesion and soft tissue stabilization.
- Saves time and energy, hard-wearing textile cover for easy donning and doffing.

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | All  |
| Liner Information |  |
| Size Standard:    | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 42, 45 |
| Profile:          | Standard   |
| Matrix:           | 2 zone matrix, 5cm + 3cm and 10cm + 3cm                        |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



SILKEN INNER SURFACE

## PART NUMBER INFORMATION

| Part#   | Profile  | Suspension Method | Matrix                    |
|---------|----------|-------------------|---------------------------|
| M8903XX | Standard | Locking           | 2 zone matrix, 5cm + 3cm  |
| M8904XX | Standard | Locking           | 2 zone matrix, 10cm + 3cm |

# ICEROSS® SYNERGY™ CUSHION

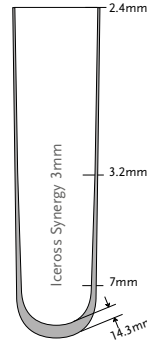


The Iceross Synergy Cushion liner incorporates a combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides stability for active use, while a softer cushioning inner layer nurtures the skin, offering superb suspension and comfort.

Össur recommends that Iceross Synergy Cushion Liner is used in conjunction with the Iceross Sleeve and the Icelock® 500 Series.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial   |
| Impact Level:     | Moderate to Extreme                                     |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40. |
| Profile:          | 3mm   |



## SUSPENSION METHOD



CUSHION

## FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER

## PART NUMBER INFORMATION - ICEROSS SYNERGY CUSHION LINER

| Part#    | Profile | Suspension Method |
|----------|---------|-------------------|
| I-CL63XX | 3mm     | Cushion           |

# ICEROSS® SYNERGY™ CUSHION WITH WAVE

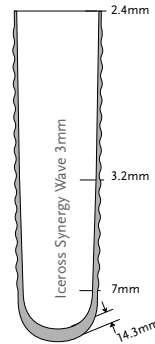


The Iceross Synergy Cushion liner with Wave incorporates a combination of two different silicone durometers providing suspension and comfort.

A firm silicone outer layer provides stability for active use, while a softer cushioning inner layer nurtures the skin, offering superb suspension and comfort.

The Wave feature makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee. It stretches easily over the patella and effectively controls folding of the liner behind the knee.

Össur recommends that Iceross Synergy Cushion Liner with Wave is used in conjunction with the Iceross Sleeve and the Icelock® 500 Series.



| User Information  |   |
|-------------------|---|
| Amputation Level: | Trans tibial                                |
| Impact Level:     | Moderate to Extreme                         |
| Liner Information |   |
| Size Standard:    | 16,18,20,22,23.5,25,26.5,28,30,32,34,36,40. |
| Profile:          | 3mm   |

## SUSPENSION METHOD



CUSHION

## FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



WAVE

## PART NUMBER INFORMATION - ICEROSS SYNERGY CUSHION LINER WITH WAVE

| Part#    | Profile  | Suspension Method |
|----------|----------|-------------------|
| I-CW63XX | 3mm Wave | Cushion           |



# ICEROSS DERMO® CUSHION



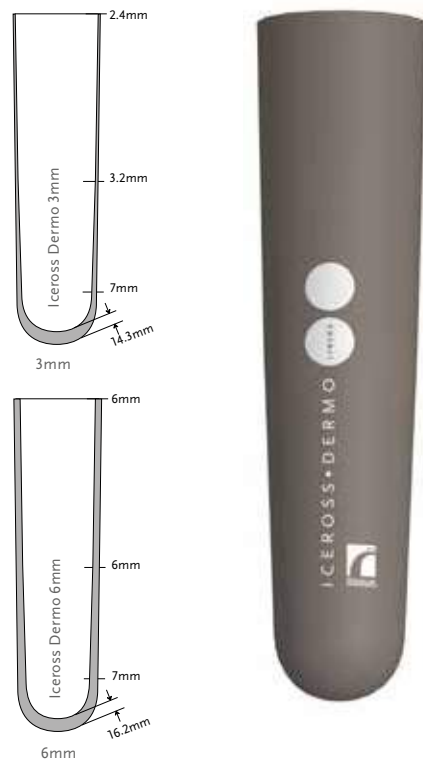
Iceross Dermo Cushion liner is made with the softest silicone that actively cares for the skin.

This liner provides superb softness, gentle skin contact and Össur's Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Cushion Liner is used in conjunction with Iceross Sleeve and Icelock® 500 Series.

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to High  |
| Liner Information |  |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40*. |
| Profile:          | 3mm or 6mm   |

\*Size 40 is only available in 3mm.



## SUSPENSION METHOD



CUSHION

## FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

## PART NUMBER INFORMATION - ICEROSS DERMO CUSHION LINER

| Part#    | Profile | Suspension Method |
|----------|---------|-------------------|
| I-CL43XX | 3mm     | Cushion           |
| I-CL46XX | 6mm     | Cushion           |

# ICEROSS DERMO® CUSHION WITH WAVE

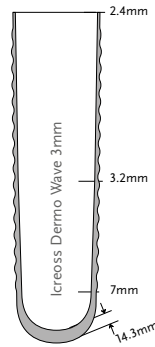


Iceross Dermo Cushion Liner with Wave is made with the softest silicone that actively cares for the skin.

This liner provides superb softness, gentle skin contact and Össur's Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

The Wave feature makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee.

Össur recommends that Iceross Dermo Cushion Liner with Wave is used in conjunction with Iceross Sleeve and Icelock® 500 Series.



| User Information  |   |
|-------------------|---|
| Amputation Level: | Trans tibial  |
| Impact Level:     | Low to High   |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40. |
| Profile:          | 3mm   |

## SUSPENSION METHOD



CUSHION

## FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE

## PART NUMBER INFORMATION - ICEROSS DERMO CUSHION LINER WITH WAVE

| Part#    | Profile | Suspension Method |
|----------|---------|-------------------|
| I-CW43XX | 3mm     | Cushion           |

# ICEROSS DERMO® UNIFORM CUSHION



Dermo Uniform profiles retrofit the ones commonly found in the market today, while still offering the popular features of our Dermo liners. Recommended for low to moderately active transtibial users, Iceross Dermo Uniform Liners are for vascular users and those with sensitive skin.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial                                     |
| Impact Level:     | Low to Moderate                                 |
| Liner Information |   |
| Size Standard:    | Small, Medium, Medium+, Large, Large+, X-Large. |
| Profile:          | 6mm Anterior, 3mm Posterior                     |



## SUSPENSION METHOD



CUSHION

## FEATURES



STABILIZING MATRIX



FABRIC COVER

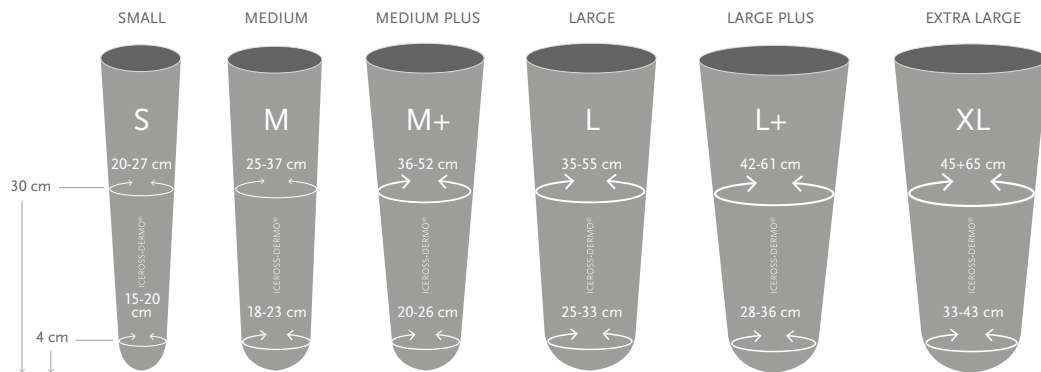


ACTIVE SKIN CARE



SILKEN INNER SURFACE

## SIZING



## PART NUMBER INFORMATION - ICEROSS DERMO CUSHION LINER

| Part#    | Profile                            | Suspension Method |
|----------|------------------------------------|-------------------|
| I-440615 | Dermo Uniform 6mm Cushion Small    | Cushion           |
| I-440618 | Dermo Uniform 6mm Cushion Medium   | Cushion           |
| I-440620 | Dermo Uniform 6mm Cushion Medium + | Cushion           |
| I-440625 | Dermo Uniform 6mm Cushion Large    | Cushion           |
| I-440628 | Dermo Uniform 6mm Cushion Large +  | Cushion           |
| I-440633 | Dermo Uniform 6mm Cushion XLarge   | Cushion           |

# ICEROSS COMFORT® CUSHION

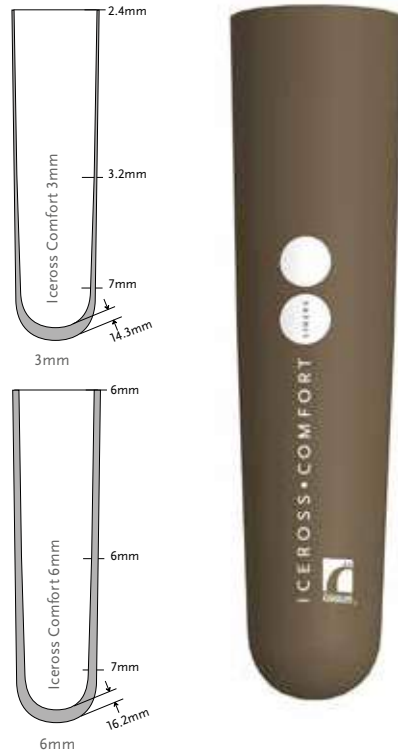


Iceross Comfort is designed with Össur's Sensil® silicone and a nylon fabric cover. Iceross Comfort is a liner for residual limbs with bony prominences prone to pressure peaks, and/or conical residual limbs.

Össur recommends that Iceross Comfort Cushion Liner is used in conjunction with the Iceross Sleeve and Icelock® 500 Series.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial   |
| Impact Level:     | Low to Moderate   |
| Liner Information |   |
| Size Standard:    | 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40* |
| Profile:          | 3mm or 6mm  |

\*Size 40 is only available in 3mm.



## SUSPENSION METHOD



CUSHION

## FEATURES



FABRIC COVER

## PART NUMBER INFORMATION - ICEROSS COMFORT CUSHION LINER

| Part#    | Profile | Suspension Method |
|----------|---------|-------------------|
| I-CL53XX | 3mm     | Cushion           |
| I-CL56XX | 6mm     | Cushion           |

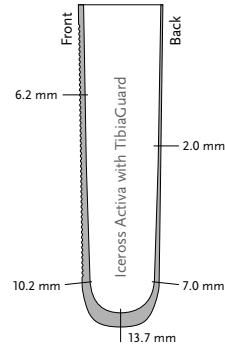
# ICEROSS® ACTIVA WITH TIBIAGUARD™ CUSHION



The supreme cushion liner for active users with cushioning, comfort and maximum stability.

The Iceross Activa with TibiaGuard is manufactured with revolutionary techniques that combine different types of silicone to meet the challenging requirements of highly active transtibial users.

The integrated TibiaGuard provides cushioning while a thinner, stiffer posterior portion is designed to enhance stability.



| User Information  |                                    |
|-------------------|------------------------------------|
| Amputation Level: | Transtibial                        |
| Impact Level:     | Moderate to Extreme                |
| Liner Information |                                    |
| Size Standard:    | 18,20,22,23.5,25,26.5,28,30,32,34. |
| Profile:          | 2mm posterior, 6mm anterior        |

## SUSPENSION METHOD



CUSHION

## FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



WAVE



TIBIAGUARD

## PART NUMBER INFORMATION - ICEROSS ACTIVA WITH TIBIAGUARD

| Part#    | Profile   | Suspension Method | Items |
|----------|-----------|-------------------|-------|
| I-CT62XX | 2mm / 6mm | Cushion           | N/A   |

# PROTECT™ CUSHION

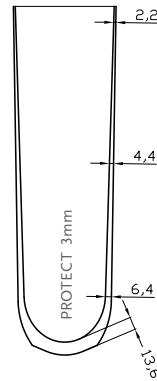


Protect provides secure suspension between the residual limb and the prosthesis. It is indicated for diabetic users with dry and atrophic skin as the liner has a microscopically smooth surface.

**Benefits of Protect**

- Cares for the sensitive skin of the residual limb
- Hard-wearing textile cover for easy donning and doffing

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to Moderate  |
| Liner Information |  |
| Size Standard:    | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 45 |
| Profile:          | 3mm  |



**SUSPENSION METHOD**



CUSHION

**FEATURES**



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

**PART NUMBER INFORMATION**

| Part#   | Profile | Suspension Method |
|---------|---------|-------------------|
| MC973xx | 3mm     | Cushion           |

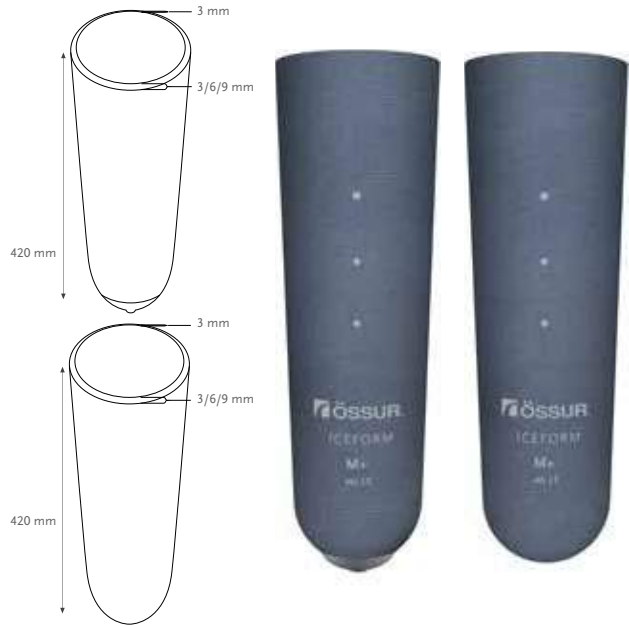
# ICEFORM® LOCKING AND CUSHION



The Iceform Liner is made of Thermoplastic Elastomer (TPE) material and covered with durable textile. The thermo-formability of the TPE material allows the liner to adapt to residual limb irregularities and shape, providing comfort for low to medium impact use.

Össur recommends that the Iceform Cushion Liner is used in conjunction with the Iceform Sleeve.

Össur recommends that the Iceform Locking liner is used in conjunction with the Icelock® 600 Series.



| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to Moderate  |
| Liner Information |  |
| Size Standard:    | Small (15), Medium (18), Medium+ (20), Large (25), Large+ (28), X-Large (33) |
| Profile:          | Uniform<br>3, 6, and 9 mm Anterior, 3 mm Posterior                           |

## SUSPENSION METHOD



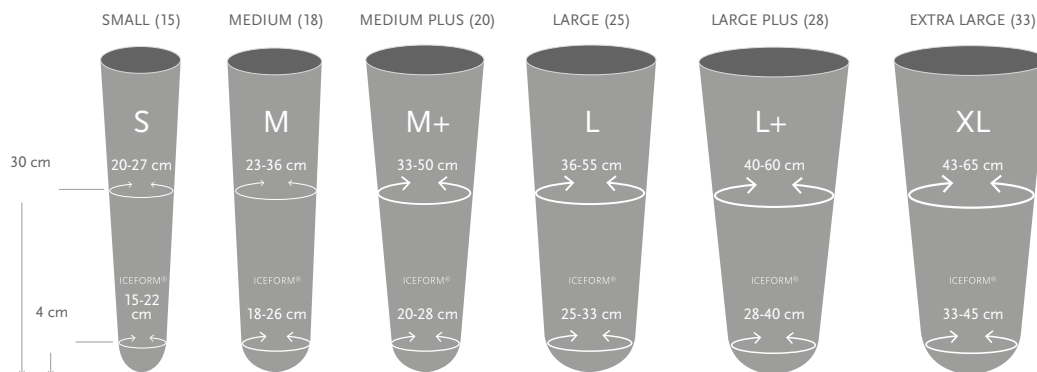
LOCKING CUSHION

## FEATURES



FABRIC COVER

## SIZING



## PART NUMBER INFORMATION - ICEFORM LOCKING AND CUSHION LINER

| Part#    | Profile              | Suspension Method |
|----------|----------------------|-------------------|
| T-0103XX | Iceform Uniform 3 mm | Locking           |
| T-0106XX | Iceform Uniform 6 mm | Locking           |
| T-0109XX | Iceform Uniform 9 mm | Locking           |
| T-CL03XX | Iceform Uniform 3 mm | Cushion           |
| T-CL06XX | Iceform Uniform 6 mm | Cushion           |
| T-CL09XX | Iceform Uniform 9 mm | Cushion           |

When ordering, please indicate size in the part number. The 2 digit size code is substituted for the xx in the part number. For example, iceform uniform 3 mm in size small (15) is T-010315.

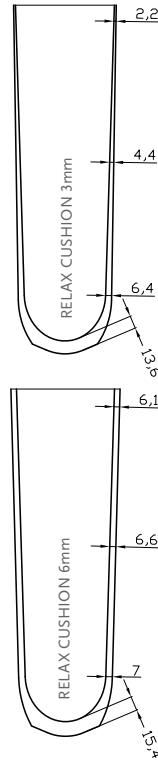
# RELAX™ CUSHION



Relax Cushion is a below-the-knee liner that provides secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain.

- Soft-tissue cohesion relieves stress on the residual limb
- Hard wearing textile for easy donning and doffing

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | All  |
| Liner Information |  |
| Size Standard:    | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 45 |
| Profile:          | 3mm or 6mm   |
| Matrix:           | 10cm + 3cm   |



## SUSPENSION METHOD



CUSHION

## FEATURES



STABILIZING MATRIX



FABRIC COVER



UMBRELLAN

## PART NUMBER INFORMATION

| Part#   | Profile | Suspension Method | Matrix     |
|---------|---------|-------------------|------------|
| M8997XX | 3mm     | Cushion           | 10cm +3cm  |
| M8998XX | 6mm     | Cushion           | 10cm + 3cm |



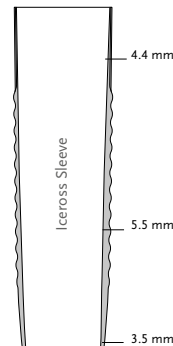
## ICEROSS® SLEEVE



The Iceross Sleeve generates good suction, more security and conforms to the intended motion with the knee.

Össur took the Wave technology to the next level when developing the Iceross Sleeve. The Wave feature makes the liner bend at the knee, allowing it to adapt more to the user's movements. It stretches effectively at the front and folds in a controlled way behind the knee.

The profile of the sleeve is thicker around the socket brims, focusing on strength at selected areas to reduce wear and tear. It is recommended to use the Iceross Sleeve in conjunction with the Iceross Cushion Liner Range.



| User Information   |                 |
|--------------------|-----------------|
| Amputation Level:  | Transtibial     |
| Impact Level:      | All             |
| Sleeve Information |                 |
| Size:              | 35,41,49,55,62. |

### PART NUMBER INFORMATION - ICEROSS SLEEVE

Measure circumference 15cm (6") above mid-patella and choose the correct size.

| PART#    | SIZE | MEASUREMENTS |                  |
|----------|------|--------------|------------------|
| F-201135 | 35   | 35-41cm      | 13 3/4 - 16 1/7" |
| F-201141 | 41   | 41-49cm      | 16 1/7 - 19 1/3" |
| F-201149 | 49   | 49-55cm      | 19 1/3 - 21 6/9" |
| F-201155 | 55   | 55-62cm      | 21 6/9 - 24 2/5" |
| F-201162 | 62   | 62-76cm      | 24 2/5 - 30"     |

## ICEFLEX® BALANCE SLEEVE

This economically priced sleeve features soft silicone and a nylon/Lycra® cover. The nylon ensures strength and Lycra provides elasticity, while our silicone offers adhesion.



| User Information  |                 |
|-------------------|-----------------|
| Amputation Level: | Transtibial     |
| Impact Level:     | Low to Moderate |

### PART NUMBER INFORMATION - ICEFLEX BALANCE SLEEVE

Measure circumference 15cm (6") above mid-patella.

| Part#    | Size | Length |     | Measurements |                   |
|----------|------|--------|-----|--------------|-------------------|
| F-101035 | 35   | 36cm   | 14" | 35-49cm      | 13 3/4" - 19 1/3" |
| F-101049 | 49   | 36cm   | 14" | 49-62cm      | 19 1/3" - 24 2/5" |
| F-101062 | 62   | 36cm   | 14" | 62-76cm      | 24 2/5" - 30"     |

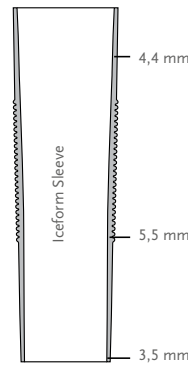
## ICEFORM® SLEEVE



The Iceform Sleeve is made of Thermoplastic Elastomer (TPE) material and covered with seamless durable textile. The thermoformability of the TPE material allows the sleeve to adapt to residual limb shape for comfort. The elasticity of the TPE material and the featured Wave design provides user comfort and safe suspension.

Össur recommends that the Iceform Sleeve is used in conjunction with the Iceform Cushion Liners, for low to medium impact use.

| User Information   |                    |
|--------------------|--------------------|
| Amputation Level:  | Transtibial        |
| Impact Level:      | Low to Moderate    |
| Sleeve Information |                    |
| Size:              | 35, 41, 49, 55, 62 |



### PART NUMBER INFORMATION - ICEFORM SLEEVE

Measure circumference 15 cm (6") above mid-patella and choose the correct size.

| Part#    | Size | Measurements |                  |
|----------|------|--------------|------------------|
| S-201135 | 35   | 35-41 cm     | 13 3/4 - 16"     |
| S-201141 | 41   | 41-49 cm     | 16 - 19 1/4"     |
| S-201149 | 49   | 49-55 cm     | 19 1/4 - 21 3/4" |
| S-201155 | 55   | 55-62 cm     | 21 3/4 - 24 1/2" |
| S-201162 | 62   | 62-76 cm     | 24 1/2 - 30"     |

# GENU SLEEVE



The Genu Sleeve generates good suction, high secure a high wearing comfort.

The Genu Sleeve knee sleeve is a TPE sleeve for low and moderate active patients who likes a high wearing comfort while bending the knee.

| User Information  |                 |
|-------------------|-----------------|
| Amputation Level: | Transtibial     |
| Impact Level:     | Low to Moderate |



## PART NUMBER INFORMATION - GENU SLEEVE

Measure circumference 15 cm (6") above mid-patella and choose the correct size.

| Part#   | Size | Measurements | Length       |
|---------|------|--------------|--------------|
| MK00202 | S    | 30–40cm      | Approx. 35cm |
| MK00203 | M    | 38–50cm      | Approx. 35cm |
| MK00204 | L    | 48–64cm      | Approx. 35cm |



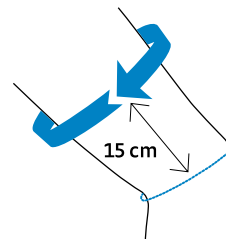
## PROTECTOR

The Protector extends the life of a knee sleeve and is included in the package of a Genu Sleeve, but it can be ordered separately as well. It can be pulled over the socket before using the Genu Sleeve or any other knee sleeve.

## PART NUMBER INFORMATION - GENU SLEEVE PROTECTOR

Measure the circumference of the thigh 15 cm (6") above the patella and choose the appropriate size of the protector.

| Part#   | Size | Circumference Thigh | Length       |
|---------|------|---------------------|--------------|
| M000202 | S    | 30–40cm             | Approx. 35cm |
| M000203 | M    | 38–50cm             | Approx. 35cm |
| M000204 | L    | 48–64cm             | Approx. 35cm |

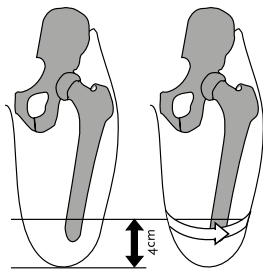


## ICEROSS® TRANSFEMORAL LINERS BY ÖSSUR

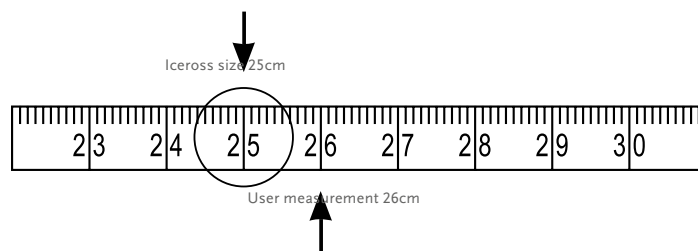
The transfemoral residual limb offers slightly different challenges to the prosthetist than the transtibial residual limb in terms of achieving results from a prosthetic fitting. In recognizing these challenges, Össur was the first to design and introduce a specific Iceross Transfemoral liner to offer comfort, protection and suspension of the transfemoral prosthesis.

1. Size
2. Limb length
3. Profile
4. Use of fitting aids

### 1. SIZE



With the tissue of the residual limb hanging down, measure 4cm proximal to the distal end of the limb and mark this point on the skin. Measure the circumference of the limb at this point with medium tension on the tape measure.



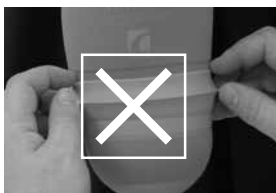
The measurement taken corresponds to the size of Iceross to be used. Select the liner size matching your measurement or, if between sizes, select the next size below. Do not select a size larger than your measurement or more than one size below it. E.g. if the circumference of the limb measures 26cm, select Iceross size 25.

#### NOTE - ICEROSS LOCKING LINERS:

The incorporated size-specific umbrella works in conjunction with the matrix. Function of both the umbrella and matrix is dependent on correct size selection of the Iceross liner. Incorrect sizing may cause discomfort to the user, perspiration and reduced control of the prosthesis.

#### NOTE - ICEROSS SEAL-IN LINERS:

For Iceross Seal-In liners, it is essential that the Hypobaric Sealing Membrane (HSM™) sits correctly against the liner around its full circumference. Once you have selected the liner according to our instructions, assess the membrane according to the pictures below, visually and manually. Picture 3 is the optimal situation. **In some cases, the next size down may need to be selected to achieve this fitting. It is unique to the Iceross Seal-In liner and should not be applied to any other Iceross models including the Iceross Seal-In X5.**



1. LINER IS TOO SMALL



2. LINER IS TOO BIG



3. LINER FITS CORRECTLY

The sizing recommendations are intended as a guide. There may be occasions when alternative sizes need to be selected.

# ICEROSS® TRANSFEMORAL LINERS BY ÖSSUR

## 2. RESIDUAL LIMB LENGTH

Compare the residual limb length to the **sound limb** by dividing the sound limb femur into thirds.

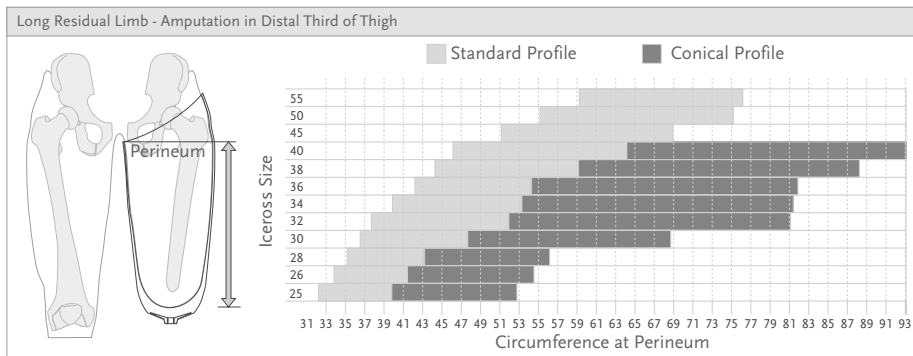
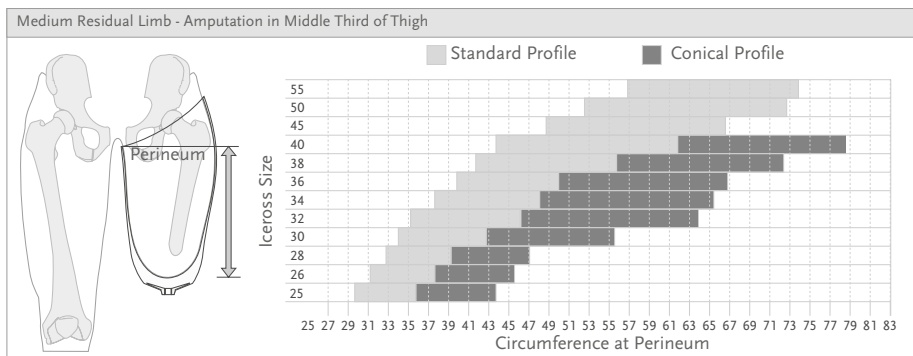
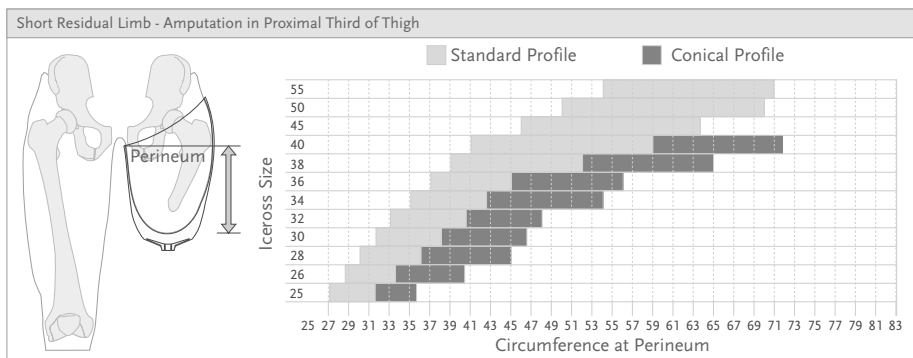
- The proximal third is considered **SHORT** length - refer to selection chart part A.
- The middle third is considered **MEDIUM** length - refer to selection chart part B.
- The distal third is considered **LONG** length - refer to selection chart part C.

## 3. PROFILE

Measure and record the circumference of the limb at the level of the perineum, refer to the horizontal axis of the selection chart. If the intersection from the horizontal and vertical axes lies in the light grey area of the selection chart then a standard profile is recommended; if it lies in the dark grey area then a conical profile is recommended.

## 4. FITTING AIDS

Use the principles of profile matching as described in transtibial section. If there are any deep scars or voids, fill with Iceross Pad or silicone putty.



## ICEROSS SEAL-IN® X TF



Thinner, tougher, longer, with a moveable seal for personalized fit.

Össur's new Seal-in liner has been designed specifically to address the challenges faced by a large number of people with transfemoral amputations. For many, various pressure points and the shape of their residual limb cause problems with a suction suspension liner.

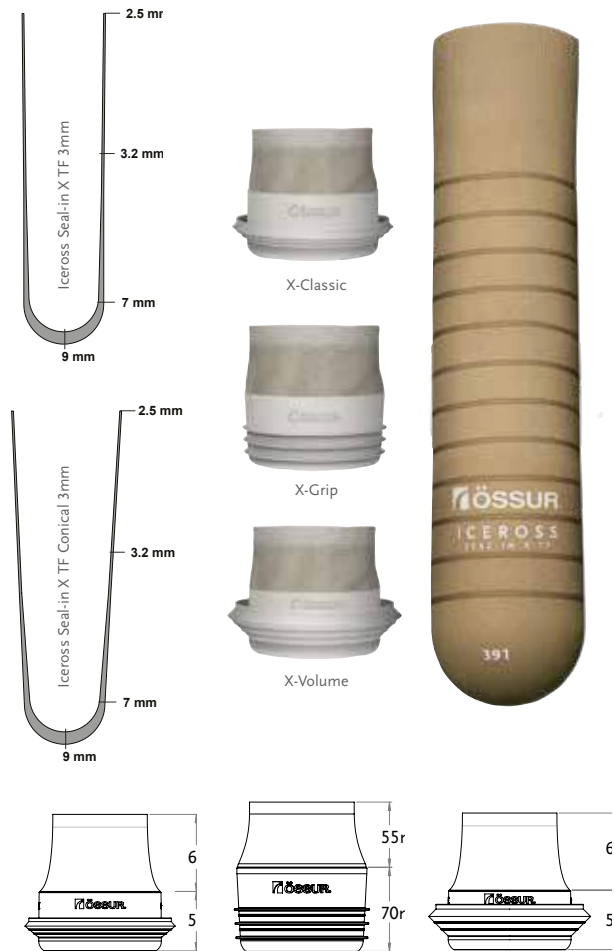
Iceross Seal-In® X TF features the latest advances in Seal-in technology, with a separate and moveable seal to suit individual TF needs.

The seal-ring offering provides three different options:

- X-Classic - the classic day-to-day seal
- X-Grip - for good rotational control
- X-Volume - helps with volume reduction

With the Easy Glide coating technology the liner offers users a high handling comfort. No lubricants are needed for donning and it is easy to clean. Easy-glide coating only applies to the seal-rings.

| User Information  |   |
|-------------------|---|
| Amputation Level: | Transfemoral                                    |
| Impact Level:     | All   |
| Liner Information |   |
| Size Standard:    | 25,26.5,28,30,32,34,36,38,40,45,50,55.          |
| Size Conical:     | 23.5,25,26.5,28,30,32,34,36,38,40.              |
| Size Seal Rings:  | 20,22,24,26,28,30,32,35,38,41,44,47,51,55,60,65 |
| Profile:          | 3mm   |



### SUSPENSION METHOD



SEAL-IN X

### FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

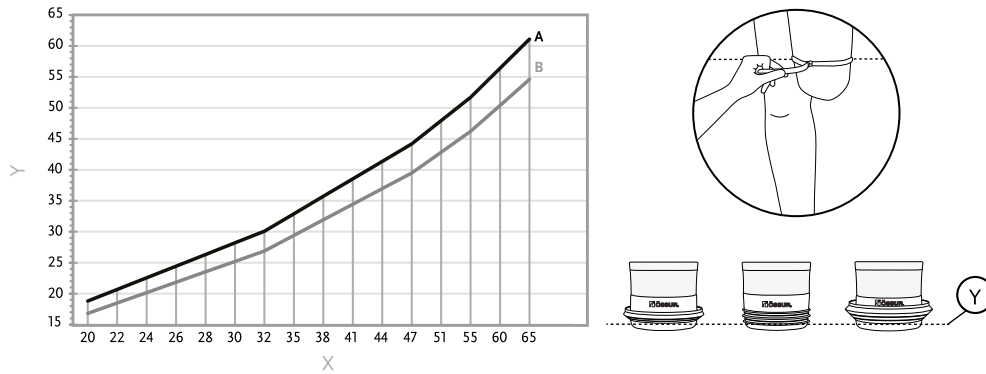


EASY GLIDE

# ICEROSS SEAL-IN® X TF

## SEAL RING SIZE SELECTION

1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
2. Refer to the sizing chart to estimate correct device size
3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit



### MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure the residual limb length with the tissue hanging down, from the perineum to the distal end. Compare the measurement to the table below.

| Liner Size | Minimum Length |
|------------|----------------|
| 23,5-28    | 16cm           |
| 30-34      | 17cm           |
| 36-40      | 18cm           |
| 45         | 19cm           |
| 50         | 20cm           |
| 55         | 21cm           |

### PART NUMBER INFORMATION - ICEROSS SEAL-IN X LINER

| Part#    | Description                   | Contains                   |
|----------|-------------------------------|----------------------------|
| I-8532XX | Iceross Seal-In X TF Standard | Liner                      |
| I-8632XX | Iceross Seal-In X TF Conical  | Liner                      |
| I-SXC0XX | Iceross Seal-In X-Classic     | Seal-In X-Classic Ring     |
| I-SXG0XX | Iceross Seal-In X-Grip        | Seal-In X-Grip Ring        |
| I-SXV0XX | Iceross Seal-In X-Volume      | Seal-In X-Volume Ring      |
| I-RXC001 | Seal-In X-Classic Kit 26-51   | 10 Seal-In X-Classic Rings |
| I-RXC004 | Seal-In X-Classic Kit 20-65   | 16 Seal-In X-Classic Rings |
| I-RXG001 | Seal-In X-Grip Kit 26-51      | 10 Seal-In X-Grip Rings    |
| I-RXG004 | Seal-In X-Grip Kit 20-65      | 16 Seal-In X-Grip Rings    |
| I-RXV001 | Seal-In X-Volume Kit 26-51    | 10 Seal-In X-Volume Rings  |
| I-RXV004 | Seal-In X-Volume Kit 20-65    | 16 Seal-In X-Volume Rings  |



# ICEROSS SEAL-IN® X5 TRANSFEMORAL

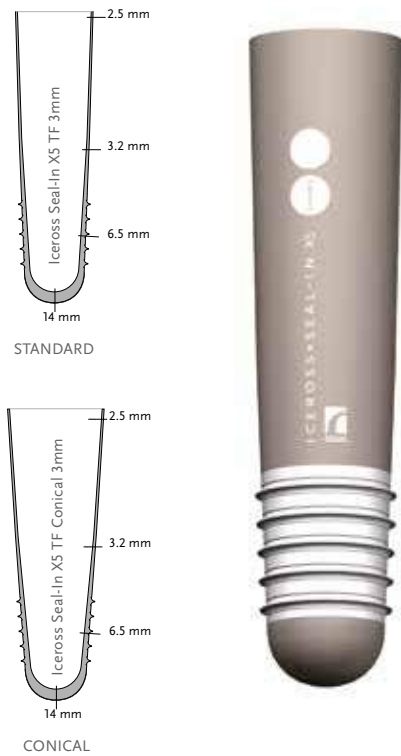


The Iceross Seal-In X5 transfemoral liner is the first liner of its kind with five integrated seals that deliver a comfortable and secure suspension.

Its airtight fit is thanks to the flexible silicone suction suspension system, and its minimized pistoning and enhanced rotational control allow users to enjoy greater comfort and stability.

It is recommended that Iceross Seal-In X5 Transfemoral liner is used in conjunction with the Icelock® 500 Series Valve.

| User information  |  |
|-------------------|--|
| Amputation Level: | Transfemoral                           |
| Impact Level:     | All                                    |
| Liner information |  |
| Size Standard:    | 25,26.5,28,30,32,34,36,38,40,45,50,55. |
| Size Conical:     | 25,26.5,28,30,32,34,36,38.             |
| Profile:          | 3mm                                    |
| Matrix:           | Full Length                            |



## SUSPENSION METHOD



SEAL-IN X5

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

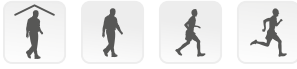
## MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

| Liner Sizes | Minimum Length |
|-------------|----------------|
| 25-30       | 125 mm         |
| 32-40       | 135 mm         |
| 45-50       | 155 mm         |
| 55          | 165 mm         |

## PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSFEMORAL

| Part#     | Profile      | Suspension Method | Matrix      |
|-----------|--------------|-------------------|-------------|
| I-TF673XX | Standard 3mm | Seal-In X5        | Full Length |
| I-TF678XX | Conical 3mm  | Seal-In X5        | Full Length |

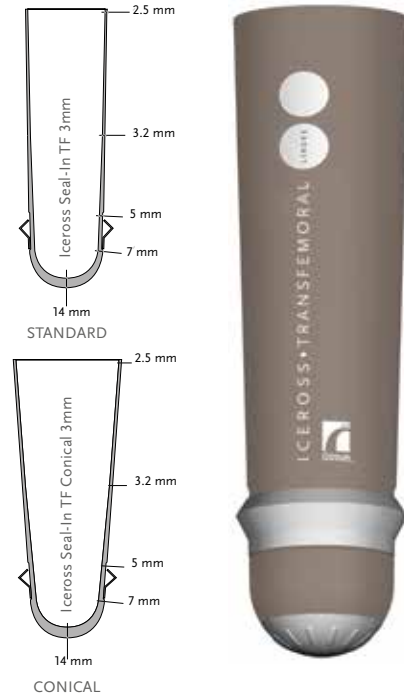
# ICEROSS SEAL-IN® TRANSFEMORAL



The Iceross Seal-In Transfemoral liner offers security and freedom of movement for low to extremely active transfemoral amputees. With textile that has improved the adhesion by 25%, the fabric cover is extremely durable and allows radial stretch and comfortable elasticity.

Össur recommends that Iceross Seal-In Transfemoral Liner is used in conjunction with the Icelock® 500 Series Expulsion Valve.

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transfemoral                           |
| Impact Level:     | All                                    |
| Liner Information |  |
| Size Standard:    | 25,26.5,28,30,32,34,36,38,40,45,50,55. |
| Size Conical:     | 25,26.5,28,30,32,34,36,38.             |
| Profile:          | 3mm                                    |
| Matrix:           | Full Length                            |



## SUSPENSION METHOD



SEAL-IN

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

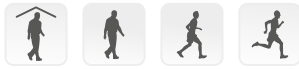
## MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

| Liner Sizes | Minimum Length |
|-------------|----------------|
| 25-30       | 125 mm         |
| 32-40       | 135 mm         |
| 45-50       | 155 mm         |
| 55          | 165 mm         |

## PART NUMBER INFORMATION - ICEROSS TRANSFEMORAL SEAL-IN

| Part#    | Profile      | Suspension Method | Matrix      |
|----------|--------------|-------------------|-------------|
| I-7532XX | Standard 3mm | Seal-In           | Full Length |
| I-7632XX | Conical 3mm  | Seal-In           | Full Length |

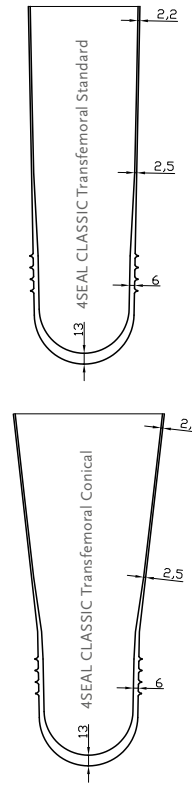
# 4SEAL CLASSIC™



4Seal Classic transfemoral liner provides a secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain. Four comfortable and flexible seals secure the liner without constricting tissue.

The liner can be turned inside-out and put on without using alcohol spray, providing more flexibility and independence.

- Four innovative sealing fins—outstanding fit and reliable adhesion without constriction
- Easy to clean, low friction with Easy Glide coating
- Simple donning and doffing, the liner can be turned inside out or put on without any alcohol spray
- Orientation line on both the inner and outer surfaces simplifies donning
- Water-resistant. Suitable for taking a bath, swimming, showering.
- Relief of phantom pain for possible improvement of quality of life
- Tear resistance because of full length matrix
- Full length TF matrix prevents unrolling of the liner
- Direct casting is possible - no isolation foil necessary
- Easy to clean



| User Information  |  |
|-------------------|--|
| Amputation Level: | Transfemoral, Knee Disarticulation       |
| Impact Level:     | All                                      |
| Liner Information |  |
| Size Standard:    | 26.5, 28, 30, 32, 34, 36, 38, 40, 45, 50 |
| Size Conical:     | 25, 26.5, 28, 30, 32, 34, 36, 38, 40     |
| Profile:          | Standard or Conical                      |
| Matrix:           | Full Length                              |

## SUSPENSION METHOD



4SEAL

## FEATURES



STABILIZING MATRIX



CONICAL



EASY GLIDE



UMBRELLAN

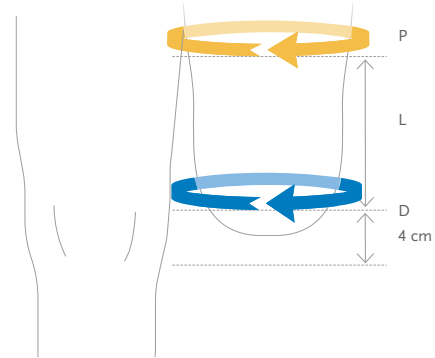
## PART NUMBER INFORMATION

| Part#   | Profile  | Suspension Method | Matrix      |
|---------|----------|-------------------|-------------|
| M8917XX | Standard | 4 Seal            | Full Length |
| M8918XX | Conical  | 4 Seal            | Full Length |

# 4SEAL CLASSIC™

## DETERMINING THE SIZE

1. Measure the circumferential dimension D (distal) of the residual limb 4 cm above the distal end. The circumferential dimension minus 0-1 results in the medi liner size.
2. Measure the residual limb length L, 4 cm above distal end to the level of perineum.
3. Measure the circumference of the limb at the level of the perineum (P).
4. **Selection between Standard or Conical Profile**  
If the proximal circumference (P) is lower than the standard value shown in the table, a Standard profile (S) is recommended. If the proximal circumference (P) is higher than the standard value, a Conical Profile is recommended.



| 1. Distal circumference D (height = 4 cm) | 1. Liner size | 2. Stump length L |         |         |         |         | 3. Proximal circumference P |        |        |        |        |   |   |   |   |
|---|---------------|-------------------|---------|---------|---------|---------|-----------------------------|--------|--------|--------|--------|---|---|---|---|
|   |               | 10 – 15           | 15 – 20 | 20 – 25 | 25 – 30 | 30 – 35 | < 30 >                      | < 34 > | < 38 > | < 42 > | < 46 > |   |   |   |   |
| 24 – 26,5                                 | 25            | < 30 >            | < 34 >  | < 38 >  | < 42 >  | < 46 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 26,5 – 28                                 | 26,5          | < 31 >            | < 35 >  | < 39 >  | < 43 >  | < 47 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 28 – 30                                   | 28            | < 33 >            | < 37 >  | < 41 >  | < 45 >  | < 49 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 30 – 32                                   | 30            | < 35 >            | < 39 >  | < 43 >  | < 47 >  | < 51 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 32 – 34                                   | 32            | < 36 >            | < 41 >  | < 45 >  | < 49 >  | < 53 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 34 – 36                                   | 34            | < 38 >            | < 43 >  | < 47 >  | < 51 >  | < 55 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 36 – 38                                   | 36            | < 40 >            | < 45 >  | < 49 >  | < 53 >  | < 57 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 38 – 40                                   | 38            | < 42 >            | < 47 >  | < 51 >  | < 56 >  | < 60 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 40 – 45                                   | 40            | < 44 >            | < 49 >  | < 54 >  | < 58 >  | < 62 >  | S                           | C      | S      | C      | S      | C | S | C |   |
| 45 – 50                                   | 45            | S                 | S       | S       | S       | S       | S                           | C      | S      | C      | S      | C | S | C |   |
| 50 – 55                                   | 50            | S                 | S       | S       | S       | S       | S                           | C      | S      | C      | S      | C | S | C |   |
| 4. Standard/Conical profile               |               | S                 | C       | S       | C       | S       | C                           | S      | C      | S      | C      | S | C | S | C |

# ICEROSS® TRANSFEMORAL LOCKING

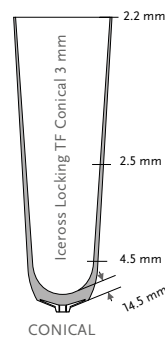
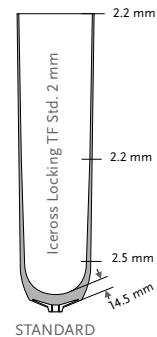


Iceross Transfemoral Locking is the first suspension liner exclusively designed to provide stability and control for transfemoral amputees.

With textile that has improved the adhesion by 25%, the fabric cover is extremely durable and allows radial stretch and comfortable elasticity.

Össur recommends that Iceross Transfemoral Liner is used in conjunction with the Icelock® 200 Series.

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transfemoral                           |
| Impact Level:     | All                                    |
| Liner Information |  |
| Size Standard:    | 25,26.5,28,30,32,34,36,38,40,45,50,55. |
| Size Conical:     | 25,26.5,28,30,32,34,36,38.             |
| Profile:          | 2mm Std and 3mm Con                    |
| Matrix:           | Full Length                            |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

## PART NUMBER INFORMATION - ICEROSS TRANSFEMORAL

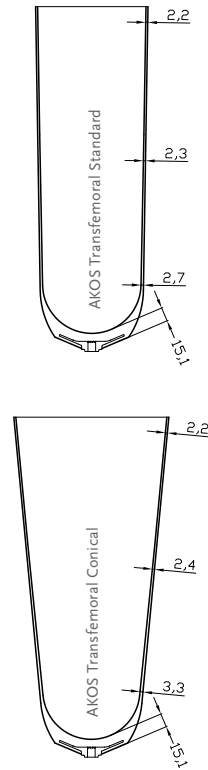
| Part#    | Profile      | Suspension Method | Matrix      |
|----------|--------------|-------------------|-------------|
| I-7032XX | Standard 2mm | Locking           | Full Length |
| I-7132XX | Conical 3mm  | Locking           | Full Length |

# AKOS™



AKOS liner provides a secure suspension between the residual limb and the prosthesis. It is suitable for both interim and definitive prostheses. Liner transparency permits regular inspection of the residual limb.

- Simple and fast donning and doffing due to the easy-glide surface coating
- Visible orientation line on inner and outer liner surfaces
- Soft-tissue cohesion relieves stress on the residual limb
- Easy to clean
- Full length TF matrix prevents unrolling of the liner
- Water-resistant. Suitable for taking a bath, swimming, showering
- Direct casting on Easy Glide surface is possible - no isolation foil necessary



| User Information  |                            |
|-------------------|----------------------------|
| Amputation Level: | Transfemoral               |
| Impact Level:     | All                        |
| Liner Information |                            |
| Size Standard:    | 27, 31, 35, 39, 43, 47, 52 |
| Size Conical:     | 24, 27, 31, 35, 39         |
| Profile:          | Standard or Conical        |
| Matrix:           | Full Length                |

## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



CONICAL



EASY GLIDE

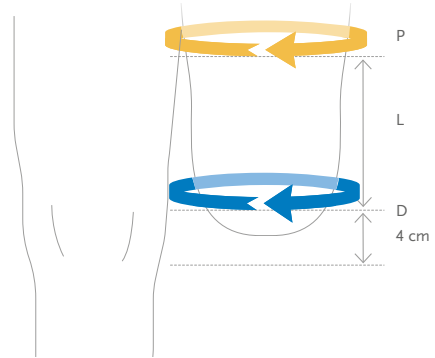
## PART NUMBER INFORMATION

| Part#    | Profile  | Suspension Method | Matrix      |
|----------|----------|-------------------|-------------|
| M-8955XX | Standard | Locking           | Full Length |
| M-8956XX | Conical  | Locking           | Full Length |

# AKOS™

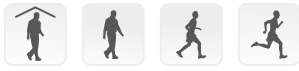
## DETERMINING THE SIZE

1. Measure the circumferential dimension D (distal) of the residual limb 4 cm above the distal end. The circumferential dimension minus 0-1 results in the liner size.
2. Measure the residual limb length L, 4 cm above distal end to the level of perineum.
3. Measure the circumference of the limb at the level of the perineum (P).
4. **Selection between Standard or Conical Profile**  
If the proximal circumference (P) is lower than the standard value shown in the table, a Standard profile (S) is recommended. If the proximal circumference (P) is higher than the standard value, a Conical Profile is recommended.



| 1. Distal circumference D (height = 4 cm) | 1. Liner size | 2. Residual limb length L 10 – 15 |   | 2. Residual limb length L 15-20 |   | 2. Residual limb length L 20-25 |   | 2. Residual limb length L 25-30 |   | 2. Residual limb length L 30-35 |   | 2. Residual limb length L 35-40 |   |
|---|---------------|-----------------------------------|---|---------------------------------|---|---------------------------------|---|---------------------------------|---|---------------------------------|---|---------------------------------|---|
|   |               | 3. Proximal circumference P       |   |                                 |   |                                 |   |                                 |   |                                 |   |                                 |   |
| 24-27                                     | 24            | – 28 >                            |   | – 30 >                          |   | – 33 >                          |   | – 35 >                          |   | – 37 >                          |   | – 40 >                          |   |
| 27-31                                     | 27            | < 31 >                            |   | < 34 >                          |   | < 37 >                          |   | < 39 >                          |   | < 42 >                          |   | < 44 >                          |   |
| 31-35                                     | 31            | < 34 >                            |   | < 37 >                          |   | < 40 >                          |   | < 43 >                          |   | < 46 >                          |   | < 49 >                          |   |
| 35-39                                     | 35            | < 39 >                            |   | < 42 >                          |   | < 45 >                          |   | < 48 >                          |   | < 52 >                          |   | < 55 >                          |   |
| 39-43                                     | 39            | < 43 >                            |   | < 46 >                          |   | < 41 >                          |   | < 54 >                          |   | < 57 >                          |   | < 60 >                          |   |
| 43-47                                     | 43            | < S >                             |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   |
| 47-52                                     | 47            | < S >                             |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   |
| 52-57                                     | 52            | < S >                             |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   |
| 4. Standard/Conical profile               |               | S                                 | C | S                               | C | S                               | C | S                               | C | S                               | C | S                               | C |

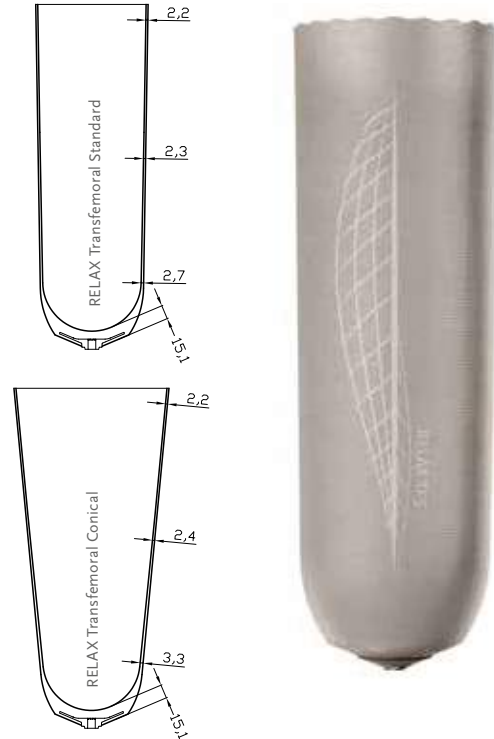
# RELAX™ TRANSFEMORAL



Relax above-knee liner provides secure suspension between the residual limb and the prosthesis. The silicone used is particularly skin-friendly and easy to clean while the Umbrellan fabric is designed to treat phantom pain.

- Easy-slide surface coating for simple donning and doffing, saving time and energy
- Visible orientation line for easier donning
- Full length TF matrix prevents unrolling of the liner
- Water-resistant. Suitable for taking a bath, swimming, showering
- Direct casting on Easy Glide surface is possible - no isolation foil necessary

| User Information  |                            |
|-------------------|----------------------------|
| Amputation Level: | Transfemoral               |
| Impact Level:     | All                        |
| Liner Information |                            |
| Size Standard:    | 27, 31, 35, 39, 43, 47, 52 |
| Size Conical:     | 24, 27, 31, 35, 39         |
| Profile:          | Standard or Conical        |
| Matrix:           | Full Length                |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



CONICAL



EASY GLIDE



UMBRELLAN

## PART NUMBER INFORMATION

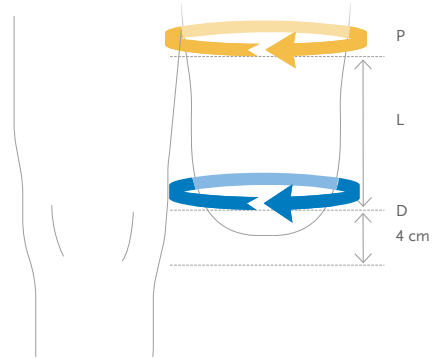
| Part#   | Profile  | Suspension Method | Matrix      |
|---------|----------|-------------------|-------------|
| M8957XX | Standard | Locking           | Full length |
| M8958XX | Conical  | Locking           | Full length |



# RELAX™ TRANSFEMORAL

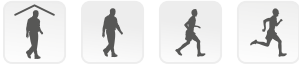
## DETERMINING THE SIZE

1. Measure the circumferential dimension D (distal) of the residual limb 4 cm above the distal end. The circumferential dimension minus 0-1 results in the medi liner size.
2. Measure the residual limb length L, 4 cm above distal end to the level of perineum.
3. Measure the circumference of the limb at the level of the perineum (P).
4. **Selection between Standard or Conical Profile**  
If the proximal circumference (P) is lower than the standard value shown in the table, a Standard profile (S) is recommended. If the proximal circumference (P) is higher than the standard value, a Conical Profile is recommended.



| 1. Distal circumference D (height = 4 cm) | 1. Liner size | 2. Residual limb length L 10 – 15 |   | 2. Residual limb length L 15-20 |   | 2. Residual limb length L 20-25 |   | 2. Residual limb length L 25-30 |   | 2. Residual limb length L 30-35 |   | 2. Residual limb length L 35-40 |   |
|---|---------------|-----------------------------------|---|---------------------------------|---|---------------------------------|---|---------------------------------|---|---------------------------------|---|---------------------------------|---|
|   |               | 3. Proximal circumference P       |   |                                 |   |                                 |   |                                 |   |                                 |   |                                 |   |
| 24-27                                     | 24            | – 28 >                            |   | – 30 >                          |   | – 33 >                          |   | – 35 >                          |   | – 37 >                          |   | – 40 >                          |   |
| 27-31                                     | 27            | < 31 >                            |   | < 34 >                          |   | < 37 >                          |   | < 39 >                          |   | < 42 >                          |   | < 44 >                          |   |
| 31-35                                     | 31            | < 34 >                            |   | < 37 >                          |   | < 40 >                          |   | < 43 >                          |   | < 46 >                          |   | < 49 >                          |   |
| 35-39                                     | 35            | < 39 >                            |   | < 42 >                          |   | < 45 >                          |   | < 48 >                          |   | < 52 >                          |   | < 55 >                          |   |
| 39-43                                     | 39            | < 43 >                            |   | < 46 >                          |   | < 41 >                          |   | < 54 >                          |   | < 57 >                          |   | < 60 >                          |   |
| 43-47                                     | 43            | < S >                             |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   |
| 47-52                                     | 47            | < S >                             |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   |
| 52-57                                     | 52            | < S >                             |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   | < S >                           |   |
| 4. Standard/Conical profile               |               | S                                 | C | S                               | C | S                               | C | S                               | C | S                               | C | S                               | C |

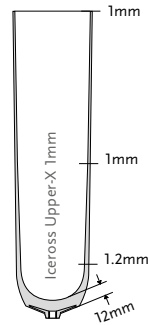
# ICEROSS® UPPER-X LOCKING



The Iceross Upper-X liner is a comfortable liner with an excellent suspension method for upper-extremity amputees.

Unlike other current methods of suspension, Iceross Upper-X eliminates the need for straps and belts and has an ultra-thin, pliable profile that provides more user comfort and increased limb sensation. Superb suspension is obtained by combining quality DermoSil™ silicone with a full-matrix outer cover that virtually eliminates pistoning while allowing radial stretch for volume accommodation. A rolling method makes donning and doffing hassle-free.

Össur recommends that Iceross Upper-X liner is used in conjunction with the Icelock® 700 Series.



| User Information  |                              |
|-------------------|------------------------------|
| Amputation Level: | Transradial and Transhumeral |
| Impact Level:     | All                          |
| Liner Information |                              |
| Size Standard:    | 12, 14, 16, 18, 20, 22.      |
| Profile:          | 1mm                          |

## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

## PART NUMBER INFORMATION - ICEROSS UPPER-X

| Part#    | Profile | Suspension Method | Matrix      |
|----------|---------|-------------------|-------------|
| I-8131XX | 1mm     | Locking           | Full Length |

## ACCESSORIES

### ICEROSS DISTAL CUP

Distal Cup is made from silicone and is designed for conical and/or sensitive residual limbs that require volume build-up.

| Product Information |   |
|---------------------|---|
| Size:               | 06,07,09,11,12,14,16,17,19,20,22,24,26. |

To select the correct Distal Cup size, the circumference is measured approximately 4cm above the distal end of the residual limb. Select the Distal Cup two or three sizes smaller than the measurement and roll on. To select the correct Iceross size to fit over the Distal Cup, the circumference is measured approximately 4cm above the end of the Distal Cup. Select Iceross size as measured or the next size down.



| Part#    | Description |
|----------|-------------|
| I-3000XX | Distal Cup  |

### ICEROSS PADS

Iceross Pads are designed for pressure distribution in highly loaded areas, padding over bony prominences and as a filler for deep voids and scarred residual limbs.

| Product Information |                 |             |                   |
|---------------------|-----------------|-------------|-------------------|
| Part#               | Size            | Thickness   | Fits Iceross Size |
| I-610338            | 38mm (1 1/2")   | 10mm (2/5") | 12-20             |
| I-610348            | 48mm (1 7/8")   | 10mm (2/5") | 21-23             |
| I-610358            | 58mm (2 5/16")  | 10mm (2/5") | 25-28             |
| I-610368            | 68mm (2 11/16") | 10mm (2/5") | 30-32             |
| I-610378            | 78mm (3 1/16")  | 10mm (2/5") | 34-36             |
| I-610388            | 88mm (3 1/2")   | 10mm (2/5") | 38-42             |
| I-610398            | 98mm (3 7/8")   | 10mm (2/5") | 45                |



### SILICONE ADHESIVE

Helpful to repair minor damage to the Iceross liners or sleeves and for stabilization of fabric cover on Iceross Transfemoral liners after trimming.

| Part#    | Description                 |
|----------|-----------------------------|
| I-400310 | Silicone Glue 10ml (0.34oz) |



### LUBRICANT SPRAY

Iceross Clean & Simple Lubricant Spray aids the donning and doffing of Iceross Seal-In Liners and Iceross Original Liner without fabric cover.

| Part#    | Description   |
|----------|---|
| S-610250 | Iceross Clean & Simple Lubricant Spray 250ml (8.8 oz) |

## ACCESSORIES

### ICEROSS CURVEMASTER

| Part#    | Description                    |
|----------|--------------------------------|
| K-220000 | Iceross Curvemaster            |
| K-200150 | Replacement Cutting Wheels Set |

Includes:

- Upper cutting wheel (K-200126)
- Lower cutting wheel (K-200127)
- Friction ring (K-200118)



### WAVE SCISSOR

- Trimming tool for liners.
- Stress relief on the residual limb due to reduced circular pressure.

| Part#   | Description  |
|---------|--------------|
| 1950006 | Wave Scissor |



### ICEROSS INTERFACE SHEATH

The Interface Sheath makes donning of the socket easier. Designed with a reinforced distal opening for durability.

| Part#    | Description      | Length     |
|----------|------------------|------------|
| K-190200 | Interface Sheath | 28cm (11") |



### ICEROSS SOCKS

The Iceross Socks are designed to compensate volume fluctuations of the residual limb within the socket and to accommodate the Distal-Lock function. Designed with a knitted hole for the distal connector and proper function of the lock.

| Part#    | Description                            | Length         |
|----------|--|----------------|
| K-520002 | Iceross Sock 2-Ply – 2 Socks in a Pack | 32cm (12 5/8") |
| K-520004 | Iceross Sock 4-Ply – 2 Socks in a Pack | 33cm (13")     |

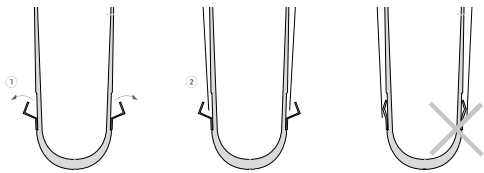


## ACCESSORIES

### ICEROSS SEAL-IN SOCKS

The Iceross Seal-In sock is designed to work in combination with the Iceross Seal-In liner to obtain an improved fit if volume reduction is experienced in the proximal area of the residuum. The Iceross Seal-In sock is intended for use above the Hypobaric Sealing Membrane (HSM™) only and should never cross it.

| Part#    | Size | Iceross Size | Length         | Ply |
|----------|------|--------------|----------------|-----|
| K-531110 | 10   | 16-25        | 35cm (13 3/4") | 1   |
| K-531113 | 13   | 26.5-34      | 35cm (13 3/4") | 1   |
| K-531116 | 16   | 36-45        | 35cm (13 3/4") | 1   |
| K-531120 | 20   | 50-55        | 35cm (13 3/4") | 1   |
| K-531310 | 10   | 16-25        | 35cm (13 3/4") | 3   |
| K-531313 | 13   | 26.5-34      | 35cm (13 3/4") | 3   |
| K-531316 | 16   | 36-45        | 35cm (13 3/4") | 3   |
| K-531320 | 20   | 50-55        | 35cm (13 3/4") | 3   |



Note: Loss of suspension will occur if a sock is placed over the HSM Seal.

### FLEX EVA

Especially suitable in combination with coated Seal liners

| Part#   | Color | Size         |
|---------|-------|--------------|
| 1820610 | White | 400x400x10mm |
| 1820612 | White | 400x400x12mm |
| 1820615 | White | 400x400x15mm |



#### PROPERTIES

- Can be used to create a semi flexible comfort zone or a inner socket.

# ACCESSORIES

## COMFORT SCS

Compression material for the therapy for compression therapy after lower limb amputation.

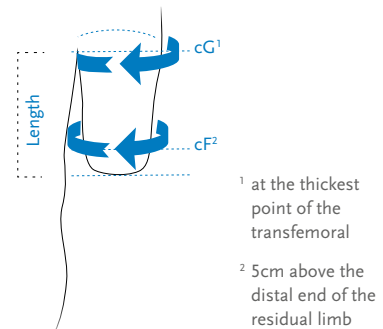
- Antibacterial properties minimize odor
- Smooth distal seam
- Smooth transition
- Integrated silicone beaded top band prevents TT roll down
- Customized hip attachment positioning allows precise TF closure placement



| User Information  |  |
|-------------------|--|
| Amputation Level: | Transfemoral, Knee Disarticulation & Transtibial |

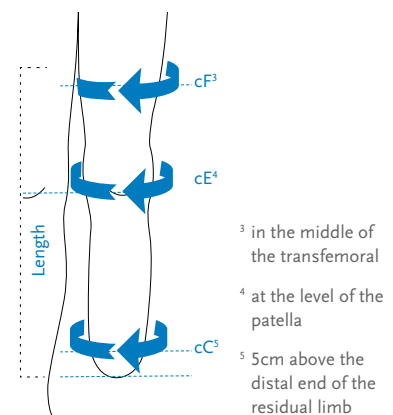
| Size Information, Transfemoral |                 |                 |                  |                   |                 |                   |
|--------------------------------|-----------------|-----------------|------------------|-------------------|-----------------|-------------------|
| Size                           | Circumference   |                 | Art. No.         |                   |                 |                   |
|                                | cF <sup>2</sup> | cG <sup>1</sup> | Short<br>18–22cm | Medium<br>23–27cm | Long<br>28–32cm | X-Long<br>33–37cm |
| 1                              | 30–32cm         | 42–45cm         | AK_S0W1          | AK_M0W1           | AK_L0W1         | AK_X0W1           |
| 2                              | 32–34cm         | 45–49cm         | AK_S0W2          | AK_M0W2           | AK_L0W2         | AK_X0W2           |
| 3                              | 35–38cm         | 49–53cm         | AK_S0W3          | AK_M0W3           | AK_L0W3         | AK_X0W3           |
| 4                              | 38–41cm         | 53–57cm         | AK_S0W4          | AK_M0W4           | AK_L0W4         | AK_X0W4           |
| 5                              | 41–44cm         | 57–61cm         | AK_S0W5          | AK_M0W5           | AK_L0W5         | AK_X0W5           |
| 6                              | 44–47cm         | 61–65cm         | AK_S0W6          | AK_M0W6           | AK_L0W6         | AK_X0W6           |

Completion Art.-No: <sub>1</sub>=20–30mmHg      <sub>2</sub>=30–40mmHg



| Size Information, Transtibial |                 |                 |                 |                  |                   |                 |
|-------------------------------|-----------------|-----------------|-----------------|------------------|-------------------|-----------------|
| Size                          | Circumference   |                 |                 | Art. No.         |                   |                 |
|                               | cC <sup>5</sup> | cE <sup>4</sup> | cF <sup>3</sup> | Short<br>28–34cm | Medium<br>35–41cm | Long<br>42–48cm |
| 0                             | 26–28cm         | 28–30cm         | 38–40cm         | BK_S0N0          | BK_M0N0           | BK_L0N0         |
| 1                             | 28–30cm         | 30–32cm         | 40–42cm         | BK_S0N1          | BK_M0N1           | BK_L0N1         |
| 2                             | 30–33cm         | 32–35cm         | 42–45cm         | BK_S0N2          | BK_M0N2           | BK_L0N2         |
| 3                             | 33–36cm         | 35–38cm         | 45–48cm         | BK_S0N3          | BK_M0N3           | BK_L0N3         |
| 4                             | 36–39cm         | 38–41cm         | 48–51cm         | BK_S0N4          | BK_M0N4           | BK_L0N4         |
| 5                             | 39–42cm         | 41–44cm         | 51–54cm         | BK_S0N5          | BK_M0N5           | BK_L0N5         |
| 6                             | 42–45cm         | 44–47cm         | 54–57cm         | BK_S0N6          | BK_M0N6           | BK_L0N6         |

Completion Art.-No: <sub>1</sub>=20–30mmHg      <sub>2</sub>=30–40mmHg



## ACCESSORIES

### RELAX NIGHT CARE

Relax Night Care sock is designed to treat phantom pain. The textile used is skin friendly and comfortable to wear.

Benefits:

- Sensitive residual limb conditions with a special need for protection
- Possible reduction or elimination of phantom pain
- Is particularly suitable for the night and whenever the prosthesis is not being worn
- Knit with thermoregulating yarn component
- Topband for secure hold

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transfemoral, Knee Disarticulation & Transtibial |

| Size Information |               |             |             |
|------------------|---------------|-------------|-------------|
| Size             | Circumference | Art. No.    |             |
|                  | A             | Length 30cm | Length 40cm |
| S                | 20–26cm       |             | 1880322     |
| M                | 26–33cm       | 1880328     | 1880323     |
| L                | 33–42cm       | 1880329     | 1880324     |
| XL               | 42–52cm       | 1880325     | 1880327     |
| XXL              | 52–62cm       | 1880326     |             |



#### KEY FEATURES



UMBRELLAN

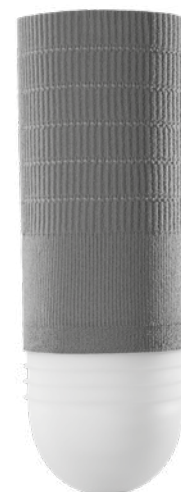
## ACCESSORIES

### EASY CUT VOLUME COMPENSATION SOCK

Volume compensation sock with integrated non-slip topband. Easy to cut due to the innovative EASY CUT technology. Compensates for variations in volume and can easily be shortened to five different lengths without having to separate it. Therefore, no additional sewing is necessary. The integrated grip strip ensures a secure hold on the liner and is intended to prevent the sock from slipping.

- This product can be used for all Seal liners from Össur.
- The grip strip on the inner side of the sock can be fixed proximal to the seals. No fixing under the seal necessary

| Size Information |          |          |        |          |
|------------------|----------|----------|--------|----------|
| Size             | TFS size | TFC size | Length | Art. No. |
| XS               | 18–23,5  |          | 24cm   | 1880009  |
| S                | 26,5–32  | 25–28    | 24cm   | 1880010  |
| M                | 34–40    | 30–34    | 24cm   | 1880011  |
| L                | 45–50    | 36–40    | 24cm   | 1880012  |





# DIRECT SOCKETS

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## INTRODUCTION

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Direct Socket is a standardized, amputee-centric socket solution for both transtibial and transfemoral amputees of all activity levels that enables fabrication and delivery in one session.

Direct Sockets enable CPOs, O&P Clinics and their business owners to consistently provide end users with a high quality, correctly fitting, tailored prosthesis in one session.

The process and socket solution are designed to increase user satisfaction through improved outcomes and allows the CPO to spend time more efficiently with the user, while the user has fewer trips to the clinic.

The Direct Socket system consists of the following key components:

- Casting liners
- Materials and Material kit with all consumables needed to fabricate one socket, including fiber braids and resin
- Direct Socket Tool Kit including the Icecast tool and EVA Relief Pads

The Icecast tool is a single chamber pressure-casting system designed to distribute pressure to shape soft tissue during casting. It provides additional control over soft tissue during casting, reducing overall production time and ensuring repeatable, accurate result. EVA Relief Pads allow for pre-casting adjustments for pressure points, eliminating the need for rectification.

Key features of the Direct Socket system:

- Offers all necessary tools and materials to produce a definitive prosthetic socket
- Fabrication and delivery in one session
- Standardized process – consistent results
- Clean fabrication through contained resin handling
- The socket has a 4-hole adapter making it usable with different locking or suspension variants
- CE marked, tested according to ISO 10328

## CHARACTERISTICS

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### DIRECT SOCKET SYSTEM

Direct Socket System offers a mobile socket-making system which requires only one appointment to produce the socket. Pre-casting adjustments for pressure points eliminate the need for rectification.

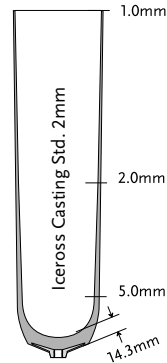


## ICEROSS® DIRECT CASTING LINER



The Iceross Direct Casting Liner has been developed specifically for direct lamination using the Direct Socket system. This series of casting liners produce a good final socket fit when a socket for a 3mm standard profile Iceross liner is being made.

| User Information  |                                    |
|-------------------|------------------------------------|
| Amputation Level: | Transtibial                        |
| Liner information |                                    |
| Size Standard:    | 18,20,22,23.5,25,26.5,28,30,32,34. |
| Profile:          | 2mm                                |



### SUSPENSION METHOD



LOCKING

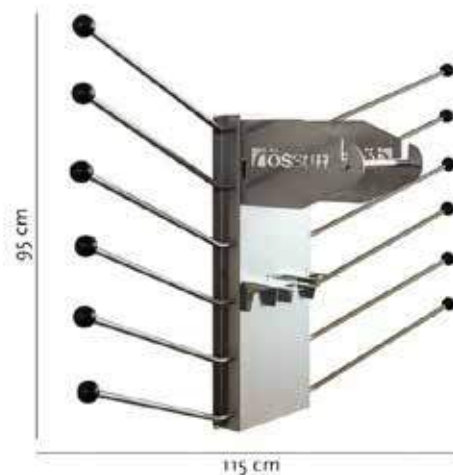
### PART NUMBER INFORMATION

| Part#    | Profile | Suspension Method |
|----------|---------|-------------------|
| I-09DCXX | 2mm     | Locking           |

### DIRECT CASTING LINER WALL MOUNT

The Direct Socket Wall Mount is specifically made to keep the Iceross Direct Casting Liners, the Icecast Pump and Bladder at hand in a room setup for Direct Socket fabrication. The wall mount item is made by order only.

| Part#    | Description              |
|----------|--------------------------|
| ODC10000 | Direct Socket Wall Mount |



## DIRECT SOCKET TOOL KIT



Direct Socket Tool Kit provides the prosthetist with the tools to consistently make a reliable socket using the Direct Socket system. The toolkit includes the Icecast bladder and pump, a single chamber pressure-casting system designed to optimally distribute pressure to shape soft tissue during casting. The pressure-casting system loads the residual limb, eliminating the need for modification of the resultant socket shape. A reinforcing matrix makes the chamber durable, and controls elongation.

| Part#    | Description            |
|----------|------------------------|
| M-500300 | Direct Socket Tool Kit |

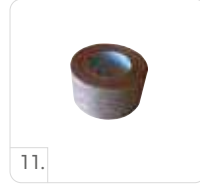
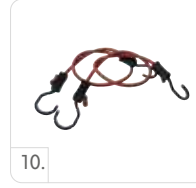
Includes:

- Icecast Pump
- Icecast Bladder
- Resin Injection Tools (200ml and 400ml)
- Distal Attachment Tool
- Tape Ring Kits (Standard and Large)
- Lanyard Cord
- Relief Pads EVA
- Sheet straps
- Brim Tape



## DIRECT SOCKET TOOLS AND TOOL KIT SPARE PARTS

| Picture# | Part#    | Description                                |
|----------|----------|--|
| 1.       | D-040510 | Icecast Pump                               |
| 2.       | D-040520 | Icecast Bladder                            |
| 3.       | M-400201 | Resin Injection Tool, 200 ml               |
| 3.       | 1950504  | Resin Injection Tool, 400 ml               |
| 4.       | D-040532 | Distal Attachment Tool for Direct Socket   |
| 5.       | D-040534 | Distal Attachment Tool for Plaster Casting |
| 6.       | D-040552 | Tape Ring Kit - Standard                   |
| 7.       | D-040553 | Tape Ring Kit - Large                      |
| 8.       | M-100001 | Relief Pads EVA                            |
| 9.       | M-500330 | Trolley for Icecast Case                   |
| 10.      | M-110011 | Sheet straps                               |
| 11.      | M-100120 | Brim Tape                                  |
| 12.      | ODC20011 | Sheet applicator, small                    |
| 13.      | ODC20012 | Sheet applicator, large                    |



## DIRECT SOCKET TT



Direct Socket TT is a socket solution for transtibial amputees of all activity levels. With the use of the Direct Socket materials and tools, the fabrication process is standardized. The materials are provided in material kits where each kit provides all the consumables needed to fabricate one socket.



| Patient Profile:        |                |
|-------------------------|----------------|
| Amputation Level:       | Transtibial    |
| Impact Level:           | Low to High    |
| Maximum Patient Weight: | 166kg (365lbs) |

### FEATURES



WEATHERPROOF

## ORDERING INFORMATION

### MATERIAL KITS

| Part#    | Description  |
|----------|--|
| M-500105 | Direct Socket, 5" Glass Fibers with standard distal connector, Neutral Resin |
| M-500107 | Direct Socket, 7" Glass Fibers with standard distal connector, Neutral Resin |
| M-501107 | Direct Socket, 7" Glass Fibers with large distal connector, Neutral Resin    |
| M-500115 | Direct Socket, 5" Glass Fibers with standard distal connector, Black Resin   |
| M-500117 | Direct Socket, 7" Glass Fibers with standard distal connector, Black Resin   |
| M-500117 | Direct Socket, 7" Glass Fibers with large distal connector, Black Resin      |
| M-500205 | Direct Socket, 5" Carbon Fiber with standard distal connector, Black Resin   |
| M-500207 | Direct Socket, 7" Carbon Fiber with standard distal connector, Black Resin   |
| M-500315 | Direct Socket, 5" Basalt Fibers with standard distal connector, Black Resin  |
| M-500317 | Direct Socket, 7" Basalt Fibers with standard distal connector, Black Resin  |
| M-501317 | Direct Socket, 7" Basalt Fibers with large distal connector, Black Resin     |

Includes:

- Glass Fiber Braids (5" or 7"), Carbon Fiber Braids (5" or 7") or Basalt Fiber Braids (5" or 7")
- Resin Cartridge (200ml or 400ml, Neutral or Black colored)
- 2x60cm Silicone insulation sheets
- 1 Silicone Insulation Cap
- Trim Line Tape
- Plastic protection sheets

## DIRECT SOCKET MATERIALS

### FIBER BRAIDS

| Part#     | Description   |
|-----------|---|
| M-100601  | 5 in Basalt Fibers with standard distal connector           |
| M-100610  | 5 in Basalt Fibers with standard distal connector 10pcs     |
| M-100602  | 7 in Basalt Fibers with standard distal connector           |
| M-100620  | 7 in Basalt Fibers with standard distal connector 10pcs     |
| M-100603  | 7 in Basalt Fibers with large distal connector              |
| M-100630  | 7 in Basalt Fibers with large distal connector 10pcs        |
| M-100604  | 9 in Basalt Fibers with large distal connector              |
| M-100640  | 9 in Basalt Fibers with large distal connector 10pcs        |
| M-100101  | 5 in Glass Fibers with standard distal connector            |
| M-100110  | 5 in Glass Fibers with standard distal connector 10pcs      |
| M-100201  | 7 in Glass Fibers with standard distal connector            |
| M-100210  | 7 in Glass Fibers with standard distal connector 10pcs      |
| M-100302  | 7 in Glass Fibers with large distal connector               |
| M-100320  | 7 in Glass Fibers with large distal connector 10pcs         |
| M-100303  | 9 in Glass Fibers with large distal connector               |
| M-100330  | 9 in Glass Fibers with large distal connector 10pcs         |
| M-100401  | 5 in Carbon Fibers with standard distal connector           |
| M-100410  | 5 in Carbon Fibers with standard distal connector 10pcs     |
| M-100501  | 7 in Carbon Fibers with standard distal connector           |
| M-100510  | 7 in Carbon Fibers with standard distal connector 10pcs     |
| M-100101L | 5 in Glass fibers with standard distal connector - 70 cm*   |
| M-100201L | 7 in Glass fibers with standard distal connector – 70*      |
| M-100302L | 7 in Glass fibers with large distal connector - 70 cm*      |
| M-100303L | 9 in Glass fibers with large distal connector - 70 cm*      |
| M-100601L | 5 in Basalt fibers with standard distal connector - 70 cm*  |
| M-100602L | 7 in Basalt fibers with standard distal connector - 70 cm * |
| M-100603L | 7 in Basalt fibers with large distal connector - 70 cm *    |
| M-100604L | 9 in Basalt fibers with large distal connector - 70 cm *    |

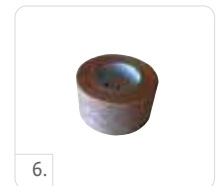


\*not a stock item, made by order only

## DIRECT SOCKET MATERIALS

### OTHER MATERIALS

| Picture# | Part#    | Description                           |
|----------|----------|---------------------------------------|
| 1.       | M-300201 | Resin Cartridge 200ml Neutral         |
| 1.       | M-300211 | Resin Cartridge (10pcs) 200ml Neutral |
| 1.       | M-300202 | Resin Cartridge 200ml Black           |
| 1.       | M-300212 | Resin Cartridge (10pcs) 200ml Black   |
| 1.       | M-300401 | Resin Cartridge 400ml Neutral         |
| 1.       | M-300411 | Resin Cartridge (10pcs) 400ml Neutral |
| 1.       | M-300402 | Resin Cartridge 400ml Black           |
| 1.       | M-300412 | Resin Cartridge (10pcs) 400ml Black   |
| 2.       | M-400101 | Silicone Insulation Sheets 30m        |
| 2.       | M-400103 | Silicone insulation Sheets lg 30m     |
| 3.       | M-400206 | Bottom Seal for Direct Socket         |
| 4.       | M-400301 | Silicone Insulation Sheet, 2x60cm     |
| 4.       | M-400303 | Silicone insulation sheet lg, 2x60cm  |
| 5.       | M-200161 | Silicone Insulation Cap               |
| 5.       | M-400102 | Silicone Insulation Caps, 10 pcs      |
| 5.       | M-200162 | Silicone insulation cap, large        |
| 5.       | M-400112 | Silicone insulation caps lg, 10 pcs   |
| 6.       | M-100120 | Brim Tape                             |
|          | M-110004 | Protection sheet roll                 |



# DIRECT SOCKET MATERIALS

## COMPONENTS

Össur recommends that the following products are used in conjunction with the Direct Socket System.

| Picture# | Part#    | Description                                |
|----------|----------|--|
| 1.       | L-661000 | 600 Modular Spacer for Icelock 600 Series* |
| 2.       | L-621100 | Icelock Ratchet 621 Adaptation Kit         |
| 3.       | L-631100 | Icelock Lanyard 631 Adaptation Kit         |
| 4.       | L-651100 | Icelock Smooth 651 Adaptation Kit          |

\*Must be used with Icelock® 600 series.

| Picture# | Part#    | Description                               |
|----------|----------|---|
| 5.       | L-551002 | Icelock Expulsion Valve 551*              |
| 6.       | L-544050 | Icelock 544 Direct Socket Adapter Plate** |
| 7.       | L-544521 | Icelock 544 Plate Expulsion**             |
| 7.       | L-544511 | Icelock 544 Plate Unity**                 |

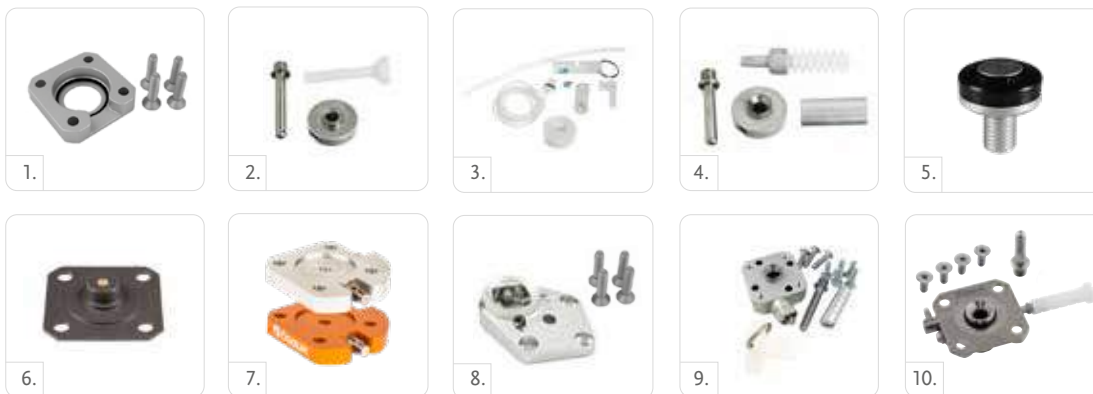
\* To be used with Cushion liners; \*\* To be used with Seal-In liners

| Picture# | Part#    | Description                             |
|----------|----------|---|
| 8.       | A-242500 | 4-Hole Female Pyramid with 20/20 Offset |

| Picture# | Part#    | Description                                    |
|----------|----------|--|
| 9.       | L-214100 | Icelock Clutch 4H 214 for Direct Socket System |
| 10.      | L-562400 | Icelock 562 for Direct Socket*                 |



\* To be used with Iceross Seal-In X Locking liner



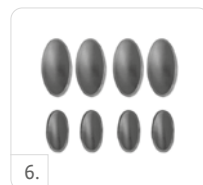
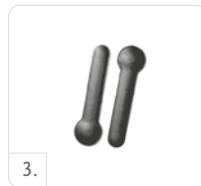
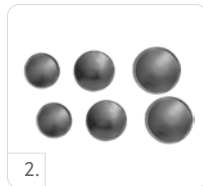


## PRESSURE PADS

The Pressure Pads are designed to reduce peak pressures in sockets due to prominent bony areas. Made from a non-compressible silicone that optimizes pressure redistribution, pressure pads can improve the comfort of laminated, thermoformed or directly manufactured sockets such as the Modular Socket System. The pads feature a self-adhesive backing to enable easy application.

### KITS

| Picture# | Part#    | Description  |
|----------|----------|--|
| 1.       | K-190100 | Set No. 1, 5 pads (one small disc, one medium disc, one large disc, one spoon pad and one cylindrical pad)               |
| 2.       | K-190101 | Discs, 6 pads in 3 sizes (2 small, 2 medium, 2 large)  |
| 3.       | K-190102 | Spoon (2 large pads)   |
| 4.       | K-190104 | Cylindrical (8 large pads)   |
| 5.       | K-190110 | Set No. 2, 8 pads (one small spoon, 2 cylindrical, small and large; 2 oval, small and large; 2 drops and one horse shoe) |
| 6.       | K-190115 | Oval, 8 pads, (4 small, 4 large)   |
| 7.       | K-190150 | Ergo pads  |



# ÖSSUR KNEES AND LEGS

## ÖSSUR BALANCE SOLUTIONS



BALANCE KNEE OFM1



BALANCE KNEE OFM2

## ÖSSUR DYNAMIC SOLUTIONS



POWER KNEE



RHEO KNEE XC



RHEO KNEE



PASO KNEE

# ÖSSUR KNEES AND LEGS

## CHARACTERISTICS

### INCREASED GROUND CLEARANCE

Increased ground clearance in swing phase due to polycentric design.



INCREASED GROUND CLEARANCE

### ADJUSTABLE AXIS GEOMETRY

Option to change the geometry to adjust the switching between stance and swing phase to the user's needs.



ADJUSTABLE AXIS GEOMETRY

### FULL STANCE FLEXION

Allows the knee to bend under load against an adjustable resistance in an unlimited flexion angle range. Enables the user to walk downstairs alternating.



FULL STANCE FLEXION

### ADJUSTABLE STANCE FLEXION

Allows the knee to bend under load against a defined resistance in a limited flexion angle range (app 5-10 degrees). Shock absorbing.



ADJUSTABLE STANCE FLEXION

### WEIGHT ACTIVATED LOCK

Knee locks under load by weight activated brake.



WEIGHT ACTIVATED LOCK

### PNEUMATIC

Pneumatic swing phase control.



PNEUMATIC

### HYDRAULIC

Hydraulic swing and/or stance phase control.



HYDRAULIC

### AUTOMATIC SPEED ADJUSTMENT

Knee adapts automatically to the users needs of swing phase resistance for a wide range of different walking speeds. No need for the CPO to adjust the swing phase.



AUTOMATIC SPEED ADJUSTMENT

### MULTI AXIS

Knee joint has 4 or more axis.



MULTI AXIS

### SINGLE AXIS

Knee joint has one axis.



SINGLE AXIS

### EXTENSION ASSIST

Assists the knee to get extended and provide full extension in the end of swing phase.



EXTENSION ASSIST

# ÖSSUR KNEES AND LEGS

## CHARACTERISTICS

### MICROPROCESSOR CONTROL

Swing and Stance phase resistance is controlled by a microprocessor.



MICROPROCESSOR CONTROL

### MANUAL LOCK

Knee can be locked in fully extended position. User has the option to release the lock if needed.



MANUAL LOCK

### GEOMETRIC LOCK

Knee provides geometric lock at heel strike. Once knee is fully extended in end of swing phase geometric lock will prevent the knee of getting bent before heel strike and the end of stance phase.



GEOMETRIC LOCK

### SOCKET CONNECTOR ADAPTATION

Knee offers several proximal adaptations to be chosen by CPO.



SOCKET CONNECTOR ADAPTATION

### MECHANICAL CONTROL

Mechanical control of swing and/or stance phase.



MECHANICAL CONTROL

### MULTI SPEED

The knee accommodates changes in walking speed.



MULTI SPEED

### SINGLE SPEED

Offers the user to walk with constant speed.



SINGLE SPEED

## BALANCE™ KNEE OFM2 SE



Balance Knee OFM2 SE (Smart Edition) is a light monocentric knee joint with a brake function and a locking lever. The locking function supports the use in the rehabilitation phase, and as a locked knee joint, it is particularly suitable for first standing and walking exercises. As the user grows more mobile, the CPO can activate the flexion and extension functions.

- Locking function during first standing and walking exercises
- Flexion and extension can be released depending on the patient's progress
- Adaptable levels for use in therapy
- Rates of flexion and extension can be adapted to the user

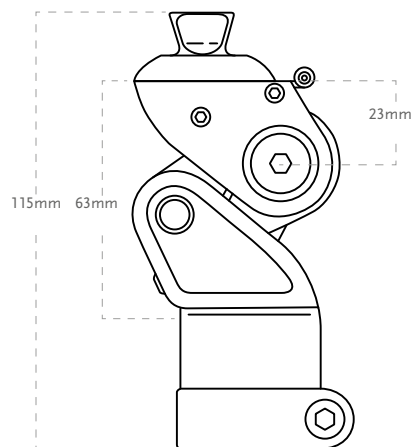


ÖSSUR KNEES AND LEGS

| Patient Profile:        |                 |
|-------------------------|-----------------|
| Amputation Level:       | Transfemoral    |
| Impact Level:           | Low to Moderate |
| Maximum Patient Weight: | 125kg (275lbs)  |

| Product Information: |         |
|----------------------|---------|
| Build Height:        | 115mm   |
| Weight of Knee:      | 0,495kg |
| Flexion:             | 145°    |

## CLEARANCE



## KITS

| Part#   | Description          |
|---------|----------------------|
| 1710505 | Balance Knee OFM2 SE |

# BALANCE™ KNEE OFM1 SE



Balance Knee OFM1 SE (Smart Edition) is a mechanical polycentric knee joint. The knee can be locked (e.g. when standing) and is therefore particularly appropriate for new amputees and less mobile users.

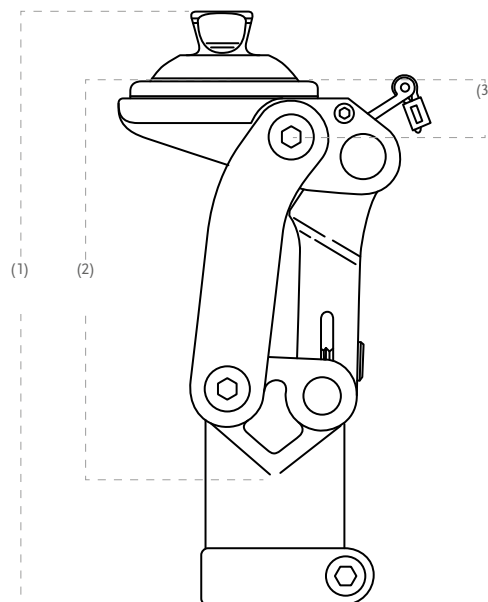
- Locking function for first standing and walking exercises
- Flexion and extension can be locked or released depending on the patient's progress
- Increased ground clearance in swing phase due to polycentric design
- Rates of flexion and extension can be adapted to the user. Flexion range up to 150 degrees.
- Integrated rotation and shift adjustment in the socket connector



| Patient Profile:        |                                       |
|-------------------------|---------------------------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |
| Impact Level:           | Low to Moderate                       |
| Maximum Patient Weight: | 136 kg (300lbs)                       |

| Product Information: |              |
|----------------------|--------------|
| Build Height (1):    | 159mm        |
| Build Height (2):    | 107mm        |
| Build Height (3):    | 18mm         |
| Weight of Knee:      | approx. 640g |
| Flexion:             | Stop at 150° |

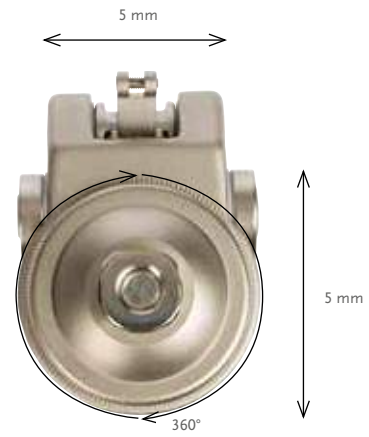
## CLEARANCE



# BALANCE™ KNEE OFM1 SE

## KITS

| Part#   | Description                       |
|---------|-----------------------------------|
| 1710506 | Balance Knee OFM1 SE with Pyramid |



ÖSSUR KNEES  
AND LEGS

## BALANCE™ KNEE OM8 SE



The Balance Knee OM8 SE (Smart Edition) is a polycentric knee joint with a stable aluminium frame construction. The joint is suitable for users with low functional levels and a maximum body weight of 136 kg.

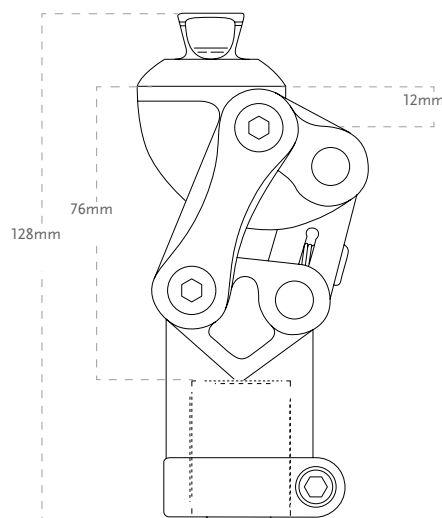
- Adjustable axle geometry
- Integrated extension spring
- Adjustable axle friction
- High knee flexion angle up to 160°



| Patient Profile:        |                 |
|-------------------------|-----------------|
| Amputation Level:       | Transfemoral    |
| Impact Level:           | Low to Moderate |
| Maximum Patient Weight: | 136kg (300lbs)  |

| Product Information: |         |
|----------------------|---------|
| Build Height:        | 128mm   |
| Weight of Knee:      | 0,445kg |
| Flexion:             | 160°    |

## CLEARANCE

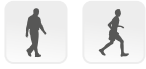


## KITS

| Part#   | Description         |
|---------|---------------------|
| 1710501 | Balance Knee OM8 SE |



## OP2 SE KNEE™



The OP2 SE (Smart Edition) Knee is a polycentric knee joint with a sturdy aluminium frame construction. The Knee is for users with normal demands on walking.

- Extension/Flexion can be set independently of each other
- Adjustable axle geometry
- High knee flexion angle up to 160°
- Slim design

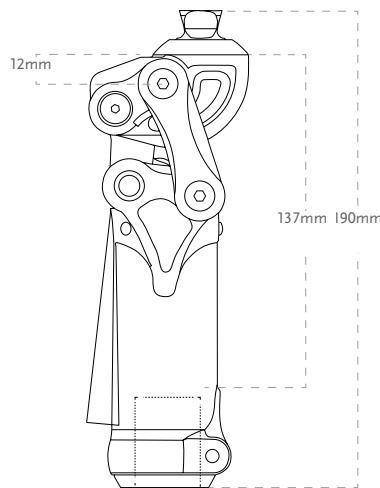


ÖSSUR KNEES  
AND LEGS

| Patient Profile:        |                  |
|-------------------------|------------------|
| Amputation Level:       | Transfemoral     |
| Impact Level:           | Moderate to High |
| Maximum Patient Weight: | 125kg (275lbs)   |

| Product Information: |        |
|----------------------|--------|
| Build Height:        | 190mm  |
| Weight of Knee:      | 0,65kg |
| Flexion:             | 160°   |

## CLEARANCE



## KITS

| Part#   | Description |
|---------|-------------|
| 1710503 | OP2 SE Knee |

# BALANCE™ KNEE OFM2



Balance Knee OFM2 is a light monocentric knee joint with a brake function and a locking lever. Its 2-in-1 function supports use in the rehabilitation phase, and as a locked knee joint, it is particularly suitable for first standing and walking exercises. As the user grows more mobile, the CPO can activate the flexion and extension functions.

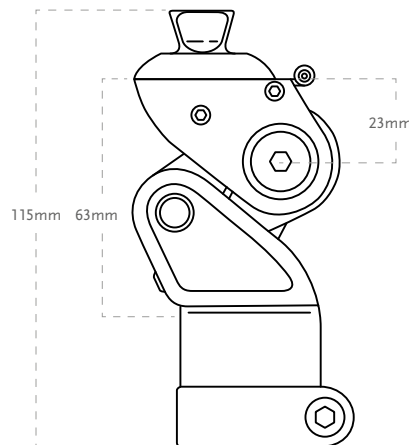
- Locking function during first standing and walking exercises
- Flexion and extension can be released depending on the patient's progress
- Adaptable for use in therapy
- Rates of flexion and extension can be adapted to the user



| Patient Profile:        |                 | Product Information: |         |
|-------------------------|-----------------|----------------------|---------|
| Amputation Level:       | Transfemoral    | Build Height:        | 115mm   |
| Impact Level:           | Low to Moderate | Weight of Knee:      | 0,495kg |
| Maximum Patient Weight: | 125kg (275lbs)  | Flexion:             | 145°    |

|             |             |                       |                    |              |                  |                           |
|-------------|-------------|-----------------------|--------------------|--------------|------------------|---------------------------|
|             |             |                       |                    |              |                  |                           |
| SINGLE AXIS | MANUEL LOCK | WEIGHT ACTIVATED LOCK | MECHANICAL CONTROL | SINGLE SPEED | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION |

## CLEARANCE



## KITS

| Part#   | Description       |
|---------|-------------------|
| 1721120 | Balance Knee OFM2 |

# BALANCE™ KNEE OFM1



Balance Knee OFM1 is a mechanical polycentric knee joint that is suitable for users. The knee can be locked (e.g. when standing) and is therefore particularly appropriate for new amputees and less mobile users.

- Locking function for first standing and walking exercises
- Flexion and extension can be locked or released depending on the patient's progress
- Rates of flexion and extension can be adapted to the user. Flexion range up to 150 degrees.
- Integrated rotation and shift adjustment in the socket connector

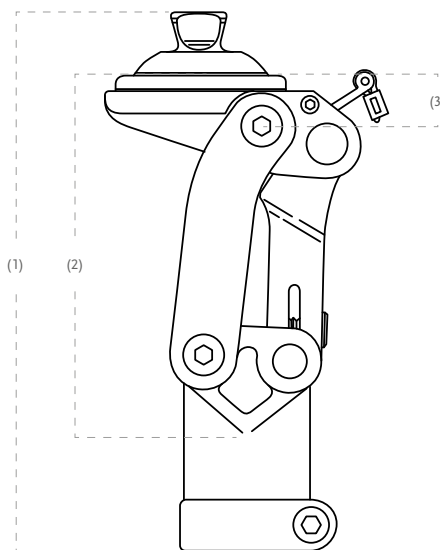
| Patient Profile:        |                                       |
|-------------------------|---------------------------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |
| Impact Level:           | Low to Moderate                       |
| Maximum Patient Weight: | 136 kg (300lbs)                       |



| Product Information: |                                |                                    |                                     |                                      |
|----------------------|--------------------------------|------------------------------------|-------------------------------------|--------------------------------------|
|                      | Balance Knee OFM1 with Pyramid | Balance Knee OFM1 with IKF adapter | Balance Knee KFM1 with Loop adapter | Balance Knee KFM1 with 3-arm adapter |
| Build Height (1):    | 159mm                          | 174mm                              | 151mm                               | 151mm                                |
| Build Height (2):    | 107mm                          | 122mm                              | 116mm                               | 116mm                                |
| Build Height (3):    | 18mm                           | 33mm                               | 27mm                                | 27mm                                 |
| Weight of Knee:      | approx. 640g                   | approx. 770g                       | approx. 650g                        | approx. 735g                         |
| Flexion:             | Stop at 150°                   | Stop at 150°                       | Stop at 150°                        | Stop at 150°                         |

|            |                            |             |                    |              |                  |                           |                             |
|------------|----------------------------|-------------|--------------------|--------------|------------------|---------------------------|-----------------------------|
|            |                            |             |                    |              |                  |                           |                             |
| MULTI AXIS | INCREASED GROUND CLEARANCE | MANUAL LOCK | MECHANICAL CONTROL | SINGLE SPEED | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION | SOCKET CONNECTOR ADAPTATION |

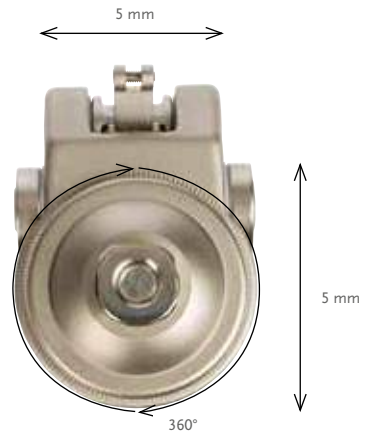
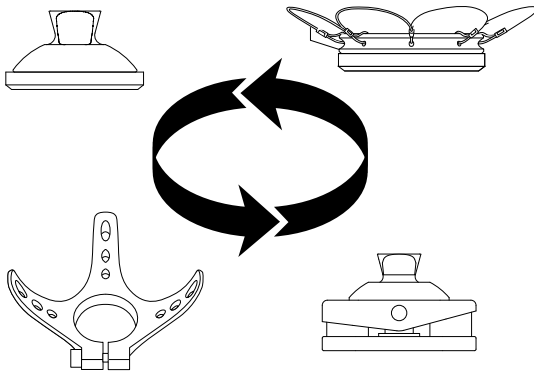
## CLEARANCE



# BALANCE™ KNEE OFM1

## KITS

| Part#   | Description                          |
|---------|--------------------------------------|
| 1721126 | Balance Knee OFM1 with Pyramid       |
| 1721127 | Balance Knee OFM1 with IKF adapter   |
| 1721128 | Balance Knee KFM1 with Loop adapter  |
| 1721129 | Balance Knee KFM1 with 3-arm adapter |



ÖSSUR KNEES  
AND LEGS

## BALANCE™ KNEE OM8



The Balance Knee OM8 is a polycentric knee joint with a stable aluminium frame construction. The joint is suitable for users with low functional levels, with a maximum body weight of 136 kg.

- Adjustable axle geometry
- Integrated extension spring
- Adjustable axle friction
- High knee flexion angle up to 160°



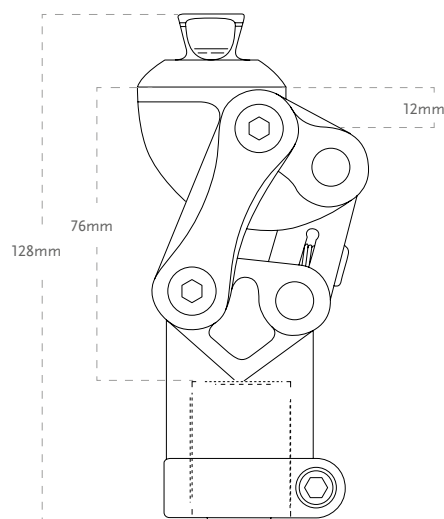
ÖSSUR KNEES AND LEGS

| Patient Profile:        |                 |
|-------------------------|-----------------|
| Amputation Level:       | Transfemoral    |
| Impact Level:           | Low to Moderate |
| Maximum Patient Weight: | 136kg (300lbs)  |

| Product Information: |         |
|----------------------|---------|
| Build Height:        | 128mm   |
| Weight of Knee:      | 0,445kg |
| Flexion:             | 160°    |

|            |                            |                          |                    |              |                  |
|------------|----------------------------|--------------------------|--------------------|--------------|------------------|
|            |                            |                          |                    |              |                  |
| MULTI AXIS | INCREASED GROUND CLEARANCE | ADJUSTABLE AXIS GEOMETRY | MECHANICAL CONTROL | SINGLE SPEED | EXTENSION ASSIST |

## CLEARANCE



## KITS

| Part#   | Description      |
|---------|------------------|
| 1723178 | Balance Knee OM8 |

# LOCKING KNEE




Locking Knee from Össur is a simple, reliable and lightweight knee joint for the low active amputee. Locking Knee is intended to be used during rehabilitation and as a permanent solution with the low active amputee.

| Patient Profile:        |                |
|-------------------------|----------------|
| Amputation Level:       | Transfemoral   |
| Impact Level:           | Low            |
| Maximum Patient Weight: | 125kg (275lbs) |

| Product Information: |                   |
|----------------------|-------------------|
| Knee Axis Height:    | 26mm (1 1/32")    |
| Weight of Knee:      | 0.248kg (0.55lbs) |
| Flexion:             | Stop at 140°      |






SINGLE AXIS



MANUAL LOCK

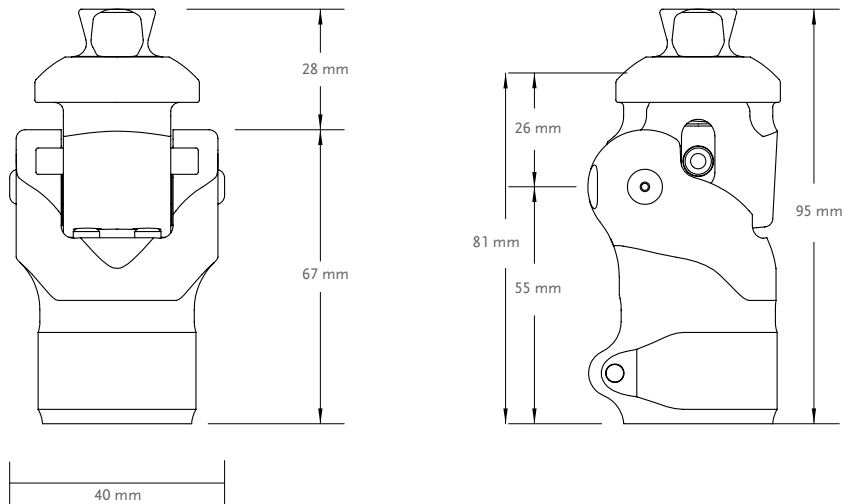


MECHANICAL CONTROL



SINGLE SPEED CONTROL

## CLEARANCE



## KITS

| Part#    | Description  |
|----------|--------------|
| LKN12500 | Locking Knee |

Includes:

- Lanyard Kit

| Part#    | Description         |
|----------|---------------------|
| LKN12590 | Lanyard Release Kit |

# POWER KNEE™



## INTRODUCTION

POWER KNEE, the only available motor powered knee joints on the market, provides active motion and powered stance stability to replace lost muscle function, enabling users to go further.

## KEY FEATURES

- Delivering powered extension when standing up, controlled resistance when descending, and active flexion and extension during walking, POWER KNEE facilitates natural gait.
- High active users as well as users with higher functional loss testify that POWER KNEE restores their endurance, allowing them to go farther.
- POWER KNEE can reduce rehabilitation time for new transfemoral amputees.
- The PowerLogic Workbench software enables prosthetists and physical therapists to give users visual feedback during training as well as to log and report on user performance and prosthetic use for better reimbursement documentation.



ÖSSUR KNEES AND LEGS

## RECOMMENDED WITH



Seal-In® X TF liner



Flex-Foot® Assure



Vari-Flex®



Vari-Flex® XC



Vari-Flex® XC Rotate™



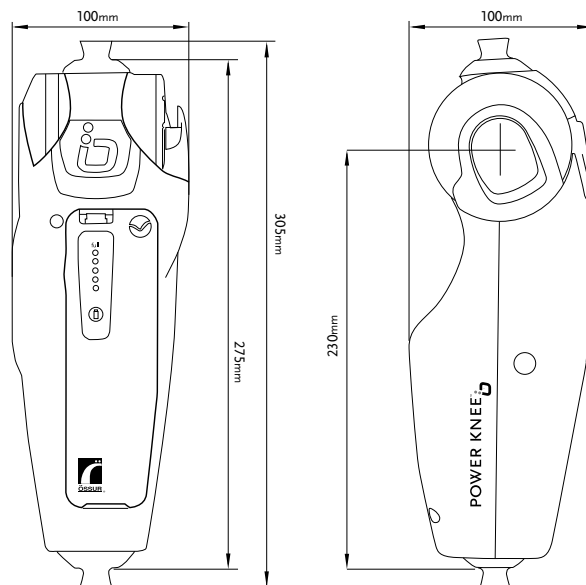
# POWER KNEE™



| User Information            |                          |   |
|-----------------------------|--------------------------|---|
|                             | POWER KNEE               | Transfemoral  |
| Amputation Level:           | POWER KNEE EUP           | Bilateral Transfemoral<br>Unilateral Hip Disarticulation<br>Unilateral Hemipelvectomy |
| Impact Level:               | Low to Moderate          |   |
| Maximum Patient Weight:     | 165kg (363wlbs)          |   |
| Knee Information            |                          |   |
| Net Weight:                 | 2.7kg (6lbs) w/o battery |   |
| Battery Weight:             | 0.49kg (1.1lbs)          |   |
| Build Height:               | 275mm (10 13/16")        |   |
| Knee Flexion:               | 120°                     |   |
| Minimum Clearance:          | 380mm (14 15/16")        |   |
| Aluminum Frame Construction |                          |   |
| Internal Extension Assist   |                          |   |



## CLEARANCE





# POWER KNEE™

## KITS

### POWER KNEE KIT

| Part#     | Description                     |
|-----------|---------------------------------|
| PKN120002 | POWER KNEE Kit 2Y WARR EMEA     |
| PKN120007 | POWER KNEE Kit 3Y WARR Americas |



Includes:

- POWER KNEE
- 2 x Lithium Polymer Battery Packs
- Lithium Polymer Battery Charger
- Power Supply
- Warranty Certificate
- User Manual & Information DVD
- Technical Manual

### POWER KNEE EXTENDED USER PROFILES (EUP) KIT\*

| Part#     | Description                         |
|-----------|-------------------------------------|
| PKN123003 | POWER KNEE EUP Kit 3Y WARR EMEA     |
| PKN123007 | POWER KNEE EUP Kit 3Y WARR Americas |

Includes:

- POWER KNEE kit
- Engineering customization service

\* Note: For further information on POWER KNEE EUP service program, please contact your Össur representative.

## COMPONENTS

| Picture | Part#    | Description                        |
|---------|----------|------------------------------------|
| 1.      | PK220003 | Lithium Polymer Battery Charger EU |
|         | PK220007 | Lithium Polymer Battery Charger NA |
| 2.      | PK230010 | Lithium Polymer Battery Pack       |



## EXTENDED WARRANTY

### POWER KNEE EXTENDED WARRANTY\*

#### AMERICAS

| Part#           | Description              |
|-----------------|--------------------------|
| PKN1YADDWARRNTY | 1 Year Extended Warranty |
| PKN2YADDWARRNTY | 2 Year Extended Warranty |

#### EMEA

| Part#    | Description                      |
|----------|----------------------------------|
| PKNGE1Y  | 1 Year Extended Warranty         |
| PKNGE2Y  | 2 Year Extended Warranty         |
| PKNGE3Y  | 3 Year Extended Warranty         |
| PKNSC40M | Mandatory 40 Month Service Check |

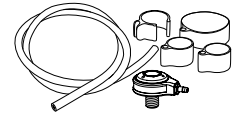
\*Initial POWER KNEE limited warranty and POWER KNEE EUP warranty period: 24-36 months. Extended warranties on Bionic devices (POWER KNEE batteries excluded) are available for purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years, must be purchased within one year of original purchase date.

# POWER KNEE™

## UNITY

### UNITY KITS

| Part#   | Description        | Applicable Foot Kits |
|---------|--------------------|----------------------|
| UTF0001 | Unity TF Valve Kit | All                  |



ÖSSUR KNEES  
AND LEGS

# RHEO KNEE®



## INTRODUCTION

The RHEO KNEE is a microprocessor-controlled knee designed to promote stability and safety. It enables natural and effortless gait – even on difficult terrain. The RHEO KNEE is easy to fit, and delivers reliable user outcomes.

## KEY FEATURES

- Auto adaptive real-time stance and swing control.
- Dependable and easy swing initiation.
- Automatic stumble recovery.
- Manual extension lock.
- Weatherproof design allows exposure to fresh water splashes.
- Accompanying Össur Logic app for iOS devices provides:
  - Simple practitioner setup and adjustment, and printable user activity reports.
  - Functional training exercises for improved user confidence.
  - Selection of user preferences and monitoring of step count and battery charge level.
- Smart Extension makes raising from a squatted position easier with less resistance.
- Facilitates stepping over obstacles and stepping backwards.



ÖSSUR KNEES AND LEGS

## RECOMMENDED WITH



Seal-In® X TF liner



Pro-Flex® Pivot\*



Pro-Flex® LP



Pro-Flex® XC



Pro-Flex® XC Torsion

\*Note. Pro-Flex Pivot can not be used for high impact activities.



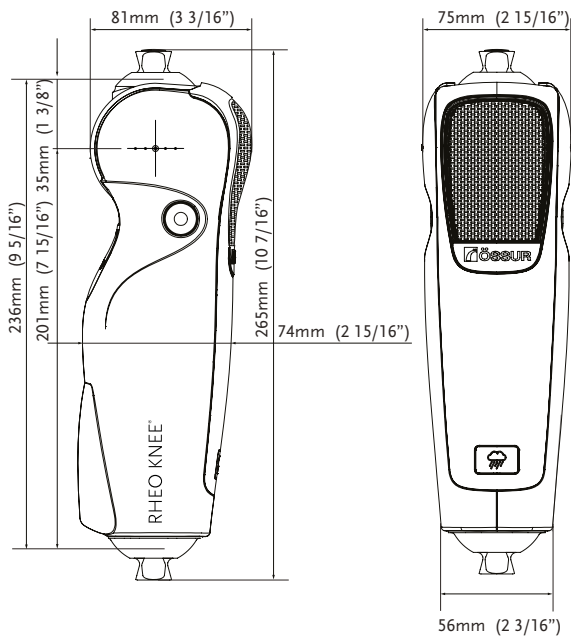
# RHEO KNEE®



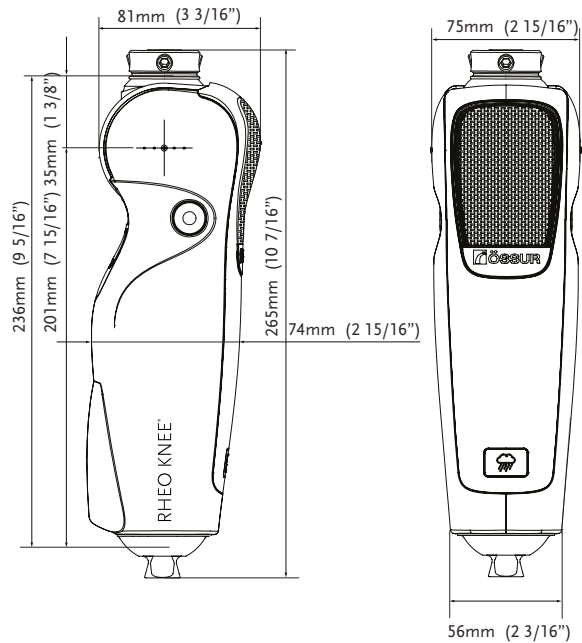
| User Information            |                                       |
|-----------------------------|---------------------------------------|
| Amputation Level:           | Transfemoral and Knee Disarticulation |
| Impact Level:               | Low to Moderate                       |
| Maximum Patient Weight:     | 136kg (300lbs)                        |
| Knee Information            |                                       |
| Net weight:                 | Approx. 1.6 kg (3.5 lbs)              |
| Build Height:               | 236mm (9 1/4")                        |
| Knee Flexion:               | 120°                                  |
| Aluminum Frame Construction |                                       |
| Weatherproof                |                                       |

## CLEARANCE

RHEO KNEE



RHEO KNEE WITH THREADED TOP ADAPTER (A - 145310)



# RHEO KNEE®

## KITS

### RHEO KNEE KIT

| Part#     | Description   |
|-----------|---|
| RKN130002 | 2 Years Warranty (No Service Check)                 |
| RKN130003 | 3 Years Warranty (No Service Check)                 |
| RKN130005 | 5 Years Warranty (Incl. Service Check at 40 Months) |

Includes:

- RHEO KNEE
- RHEO KNEE Power Supply w/Plug
- Terms of warranty
- Instructions for use



### RHEO KNEE KIT WITH THREADED TOP ADAPTER:

RHEO KNEE with threaded top adapter is the solution for knee disarticulation amputees and those with long residual limbs.

To order RHEO KNEE with threaded top adapter, order the RHEO KNEE Kit and add Össur's Female Pyramid Insert to the order.

| Part#    | Description                                  | Height |      | Weight |        |
|----------|--|--------|------|--------|--------|
| A-145310 | Female Pyramid Insert / Threaded Top Adapter | 9mm    | 3/8" | 33g    | 1.16oz |

### RHEO KNEE ACCESSORIES

| Part# | Description   |
|-------|---|
| N/A   | ÖSSUR LOGIC for iOS devices is available on the App Store |



### RHEO KNEE PROTECTOR

| Part#    | Description                    |
|----------|--------------------------------|
| BIC00110 | Bionic Protector for RHEO KNEE |



ÖSSUR KNEES AND LEGS

# RHEO KNEE®

## COMPONENTS

### POWER SUPPLY

| Part#    | Description         |
|----------|---------------------|
| PRX00421 | Power Supply w/Plug |



## EXTENDED WARRANTY

### RHEO KNEE KIT EXTENDED WARRANTY\*

| Part#     | Description                            |
|-----------|--|
| RKN3GE1YR | Additional 1 Year Warranty             |
| RKN3GE2YR | Additional 2 Year Warranty             |
| RKN3GE3YR | Additional 3 Year Warranty             |
| RKN3SC20M | Voluntary 20 Month Service Check       |
| RKN3SC40M | Mandatory 40 Month Service Check**     |
| RKNSCAW   | Voluntary After Warranty Service Check |

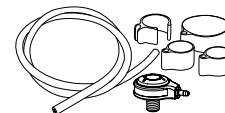
\* Maximum total warranty period is 5 years, must be purchased within 20 months after original purchase date.

\*\* If total warranty time acquired adds up to 4 or 5 years, then 40 month service check will be mandatory.

## UNITY

### UNITY KITS

| Part#   | Description        | Applicable Foot Kits |
|---------|--------------------|----------------------|
| UTF0001 | Unity TF Valve Kit | All                  |



# RHEO KNEE® XC



## INTRODUCTION

The RHEO KNEE XC is a microprocessor-controlled knee designed to support patients from early rehabilitation to full recovery with its effortless, intuitive, and stable functionality. It builds on reliable and clinically proven technology, delivering outstanding user outcome.

## KEY FEATURES

- Supports rehabilitation and increased mobility; including cycling, walk-to-run, and stair ascent.
- Auto adaptive real-time stance and swing control.
- Dependable and easy swing initiation.
- Automatic stumble recovery.
- Manual extension lock.
- Weatherproof design allows exposure to fresh water splashes.
- Accompanying Össur Logic app for iOS devices provides:
  - Simple practitioner setup and adjustment, and printable user activity reports.
  - Functional training exercises for improved user confidence.
  - Selection of user preferences and monitoring of step count and battery charge level.
- Smart Extension makes raising from a squatted position easier with less resistance.
- Facilitates stepping over obstacles and stepping backwards.



ÖSSUR KNEES AND LEGS

## RECOMMENDED WITH



Seal-In® X TF liner



Pro-Flex® Pivot\*



Re-Flex® Shock



Pro-Flex® XC Torsion



Pro-Flex® XC

\*Note. Pro-Flex Pivot can not be used for high impact activities.



# RHEO KNEE® XC

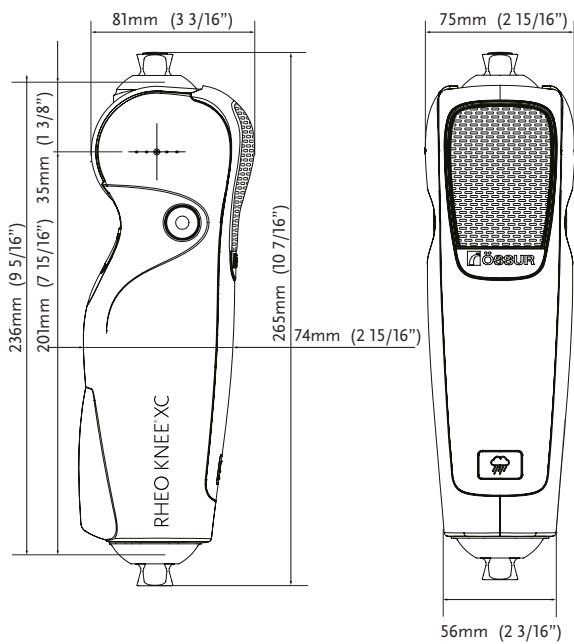


| User Information        |                                       |                  |
|-------------------------|---------------------------------------|------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |                  |
| Impact Level:           | Low to moderate                       | High             |
| Maximum Patient Weight: | 136 kg (300 lbs)                      | 110 kg (243 lbs) |

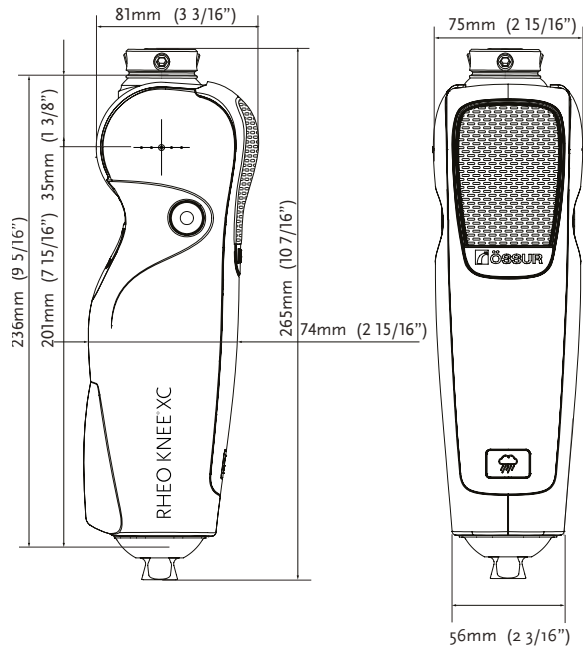
| Knee Information            |                  |
|-----------------------------|------------------|
| Net weight:                 | 1.6 kg (3.5 lbs) |
| Build Height:               | 236 mm (9 1/4")  |
| Knee Flexion:               | 120°             |
| Aluminum Frame Construction |                  |
| Weatherproof                |                  |

## CLEARANCE

RHEO KNEE XC



RHEO KNEE XC WITH THREADED TOP ADAPTER (A - 145310)





# RHEO KNEE® XC

## KITS

### RHEO KNEE XC KIT

| Part#     | Description   |
|-----------|---|
| RKNXC0002 | 2 Years Warranty (No Service Check)                 |
| RKNXC0003 | 3 Years Warranty (No Service Check)                 |
| RKNXC0004 | 4 Years Warranty (Incl. Service Check at 40 Months) |
| RKNXC0005 | 5 Years Warranty (Incl. Service Check at 40 Months) |

Includes:

- RHEO KNEE XC
- RHEO KNEE Power Supply w/Plug
- Terms of warranty
- Instructions for use



ÖSSUR KNEES  
AND LEGS

### RHEO KNEE XC KIT WITH THREADED TOP ADAPTER:

RHEO KNEE XC with threaded top adapter is the solution for knee disarticulation amputees and those with long residual limbs.

To order RHEO KNEE XC with threaded top adapter, order the RHEO KNEE XC Kit and add Össur's Female Pyramid Insert to the order.

| Part#    | Description                                  | Height |      | Weight |        |
|----------|--|--------|------|--------|--------|
| A-145310 | Female Pyramid Insert / Threaded Top Adapter | 9mm    | 3/8" | 33g    | 1.16oz |

### RHEO KNEE ACCESSORIES

| Part# | Description   |
|-------|---|
| N/A   | ÖSSUR LOGIC for iOS devices is available on the App Store |



### RHEO KNEE XC PROTECTOR

| Part#    | Description                    |
|----------|--------------------------------|
| BIC00110 | Bionic Protector for RHEO KNEE |



# RHEO KNEE® XC

## COMPONENTS

### POWER SUPPLY

| Part#    | Description         |
|----------|---------------------|
| PRX00421 | Power Supply w/Plug |



## EXTENDED WARRANTY

### RHEO KNEE XC KIT EXTENDED WARRANTY\*

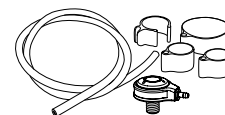
| Part#      | Description   |
|------------|---|
| RKNXCGE1YR | Additional 1 Year Warranty                                    |
| RKNXCGE2YR | Additional 2 Year Warranty (Incl. Service Check at 40 Months) |
| RKNXCGE3YR | Additional 3 Year Warranty (Incl. Service Check at 40 Months) |
| RKNXCSC20M | Voluntary 20 Month Service Check                              |
| RKNSCAW    | Voluntary After Warranty Service Check                        |

\* Maximum total warranty period is 5 years, must be purchased within 20 months after original purchase date.

## UNITY

### UNITY KITS

| Part#   | Description        | Applicable Foot Kits |
|---------|--------------------|----------------------|
| UTF0001 | Unity TF Valve Kit | All                  |



# TOTAL KNEE® 1900



The knee accommodates everyday walking requirements. Through use of friction within an elastic polymer medium, the swing phase is controlled and steady. That combined with the extension promoter which assists in limiting heel rise and moving the knee into a fully extended position, ensures every amputee has access to the attributes of a Total Knee.

- Polycentric knee with geometric locking system.
- Unique swing phase control through use of friction within an elastic polymer medium.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.



ÖSSUR KNEES AND LEGS

| Patient Profile:        |                                       |
|-------------------------|---------------------------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |
| Impact Level:           | Low                                   |
| Maximum Patient Weight: | 100kg (220lbs)                        |

| Product Information: |                   |
|----------------------|-------------------|
| Build Height:        | 173mm (6 13/16")  |
| Weight of Knee:      | 0.675kg (1.49lbs) |
| Flexion:             | Stop at 150°      |



MULTI AXIS



INCREASED GROUND CLEARANCE

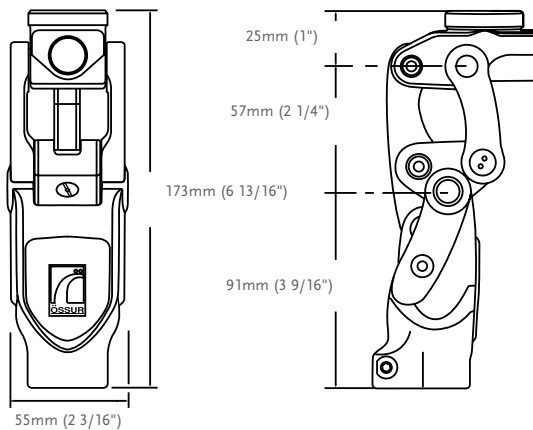


MECHANICAL CONTROL



SINGLE SPEED

## CLEARANCE



## KITS

| Part#   | Description                           |
|---------|---------------------------------------|
| 1900    | Total Knee 1900**                     |
| 1900-KE | Polymer Friction Knee Long Adapter    |
| 1900-OS | Polymer Friction Knee Pyramid Adapter |

\* The knee comes with the red bumper fitted.

\*\*Total Knee 1900/2000 user video (TV0005) is included in the box. The video contains basic information for the user.

# TOTAL KNEE® 1900

## COSMETIC FINISHING

| Picture | Part# | Description            |
|---------|-------|------------------------|
| 1       | 2047  | Shin Fairing, Black    |
| 2       | 2052  | Knee Cap, Small, Black |
| 3       | 2053  | Knee Cap, Large, Beige |



## COMPONENTS

### BUMPER KIT

| Part#    | Description                         |
|----------|-------------------------------------|
| 2000-Kit | A complete set of bumpers and shims |

Includes:

- 1 Bumper of each durometer:
- 1 Shim 0.38mm
- 1 Shim 0.76mm



### BUMPER COVER

| Part# | Description                               |
|-------|---|
| 2059  | Bumper cover for Total Knee 1900 and 2000 |



### EXTENSION PROMOTER

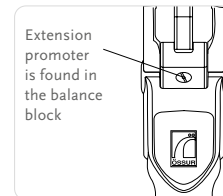
| Part# | Description  |
|-------|--|
| 1905  | Assists in limiting heel rise and moving the knee into a fully extended position |

### EXTENSION ASSIST

| Part# | Description  |
|-------|--|
| 2070S | Fully assembled extension assist with yellow (regular) spring inserted |

Includes:

- Blue spring (firm)
- Red spring (extra firm)



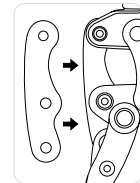
# TOTAL KNEE® 1900

## COMPONENTS

### BACK LINK (POSTERIOR LINKAGE)

| Part#   | Description                              |
|---------|--|
| 1900SSB | Total Knee 1900 with high load back link |

Note: There is an additional charge for these special back links.



### TOTAL KNEE ADAPTERS

| Picture | Part#    | Description             | Material        | Weight Limit |        | Weight |       |
|---------|----------|-------------------------|-----------------|--------------|--------|--------|-------|
| 1.      | A-114040 | 4- Prong Socket Adapter | Stainless Steel | 166kg        | 365lbs | 158g   | 4oz   |
| 2.      | A-122300 | Euro 4-Hole Adapter     | Aluminum        | 125kg        | 275lbs | 70g    | 2.5oz |
| 3.      | A-834300 | Male Pyramid Adapter    | Stainless Steel | 100kg        | 220lbs | 111g   | 3.9oz |
| 3.      | A-835300 | Male Pyramid Adapter    | Titanium        | 166kg        | 365lbs | 80g    | 2.8oz |
| 4.      | A-845300 | Female Pyramid Adapter  | Titanium        | 166kg        | 365lbs | 85g    | 3oz   |

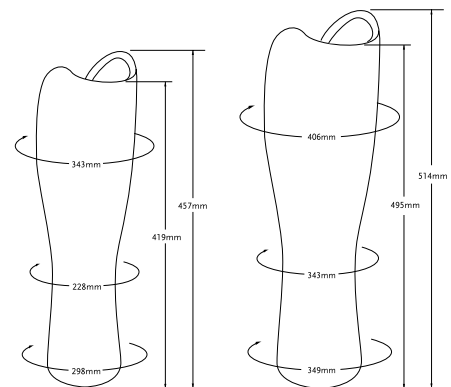


## COSMETIC FINISHING FOR TOTAL KNEE

### DISCONTINUOUS COSMETIC FOAM

| Part# | Description  |
|-------|--|
| 2075R | Cosmetic Foam Cover, Regular - for use with Total Knee 1900 and 2000 |
| 2075L | Cosmetic Foam Cover, Large - for use with Total Knee 1900 and 2000   |

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube
- Fire retardant



Part# 2075R Regular

Part# 2075L Large

# TOTAL KNEE® 2000



Total Knee 2000 offers shock absorption, comfort and a natural gait. Mid-swing shortening offers increased toe clearance during swing to prevent hip-hiking and the 3-phase hydraulic swing control accommodates changes in walking speed. Plus, the adjustable stance flexion feature mimics the knee flexion that occurs during early stance, reducing shock and stress on the residual limb.

- Polycentric knee with geometric locking system.
- Swing control adjustments through 3-phase (3-valve) hydraulic system.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.



| Patient Profile:        |                                       |
|-------------------------|---------------------------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |
| Impact Level:           | Moderate to High                      |
| Maximum Patient Weight: | 100kg (220lbs)                        |

| Product Information: |                  |
|----------------------|------------------|
| Build Height:        | 173mm (6 13/16") |
| Weight of Knee:      | 0.69kg (1.52lbs) |
| Flexion:             | Stop at 150°     |



MULTI AXIS



INCREASED GROUND CLEARANCE



GEOMETRIC LOCK



HYDRAULIC CONTROL



MULTI SPEED



EXTENSION ASSIST

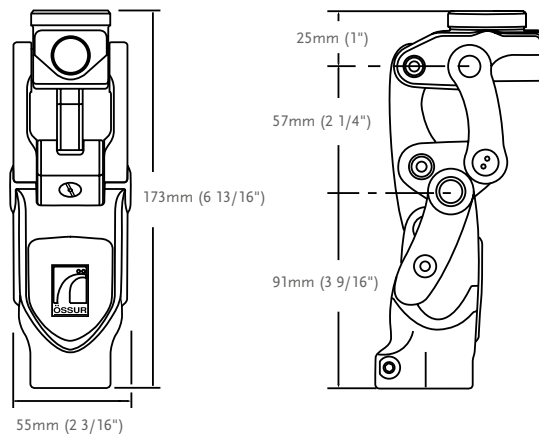


ADJUSTABLE STANCE FLEXION



SOCKET CONNECTOR ADAPTATION

## CLEARANCE



## KITS

| Part#   | Description                       |
|---------|-----------------------------------|
| 2000    | Total Knee 2000**                 |
| 2000-KE | Hydraulic Knee W/ Long Adapter    |
| 2000-OS | Hydraulic Knee W/ Pyramid Adapter |

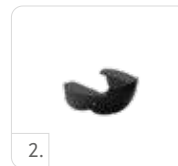
\*The knee comes with the red bumper fitted.

\*\*Total Knee 1900/2000 user video (TV0005) is included in the box. The video contains basic information for the user.

# TOTAL KNEE® 2000

## COSMETIC FINISHING

| Picture | Part# | Description            |
|---------|-------|------------------------|
| 1       | 2047  | Shin Fairing, Black    |
| 2       | 2052  | Knee Cap, Small, Black |
| 3       | 2053  | Knee Cap, Large, Beige |



## COMPONENTS

### BUMPER KIT

| Part#    | Description                         |
|----------|-------------------------------------|
| 2000-Kit | A complete set of bumpers and shims |

Includes:

- 1 Bumper of each durometer:
- 1 Shim 0.38mm
- 1 Shim 0.76mm



### BUMPER COVER

| Part# | Description                               |
|-------|---|
| 2059  | Bumper cover for Total Knee 1900 and 2000 |



### EXTENSION PROMOTER

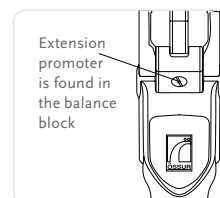
| Part# | Description  |
|-------|--|
| 1905  | Assists in limiting heel rise and moving the knee into a fully extended position |

### EXTENSION ASSIST

| Part# | Description  |
|-------|--|
| 2070S | Fully assembled extension assist with yellow (regular) spring inserted |

Includes:

- Blue spring (firm)
- Red spring (extra firm)



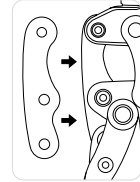
# TOTAL KNEE® 2000

## COMPONENTS

### BACK LINK (POSTERIOR LINKAGE)

| Part#   | Description                              |
|---------|--|
| 2000SSB | Total Knee 2000 with high load back link |

Note: There is an additional charge for these special back links.



### TOTAL KNEE ADAPTERS

| Picture | Part#    | Description             | Material        | Weight Limit |        | Weight |       |
|---------|----------|-------------------------|-----------------|--------------|--------|--------|-------|
| 1.      | A-114040 | 4- Prong Socket Adapter | Stainless Steel | 166kg        | 365lbs | 158g   | 4oz   |
| 2.      | A-122300 | Euro 4-Hole Adapter     | Aluminum        | 125kg        | 275lbs | 70g    | 2.5oz |
| 3.      | A-834300 | Male Pyramid Adapter    | Stainless Steel | 100kg        | 220lbs | 111g   | 3.9oz |
| 3.      | A-835300 | Male Pyramid Adapter    | Titanium        | 166kg        | 365lbs | 80g    | 2.8oz |
| 4.      | A-845300 | Female Pyramid Adapter  | Titanium        | 166kg        | 365lbs | 85g    | 3oz   |

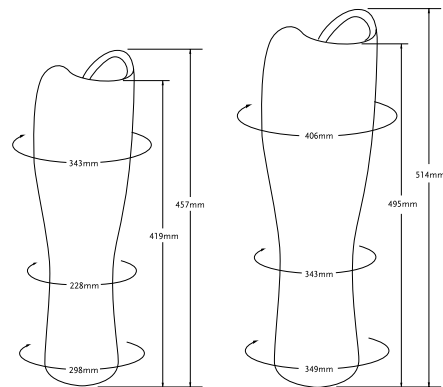


## COSMETIC FINISHING FOR TOTAL KNEE

### DISCONTINUOUS COSMETIC FOAM

| Part# | Description  |
|-------|--|
| 2075R | Cosmetic Foam Cover, Regular - for use with Total Knee 1900 and 2000 |
| 2075L | Cosmetic Foam Cover, Large - for use with Total Knee 1900 and 2000   |

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube
- Fire retardant



Part# 2075R Regular

Part# 2075L Large



# TOTAL KNEE® 2100



The Total Knee 2100 is a highly refined polycentric knee with 3-phase hydraulic swing control designed to withstand the rigors of more active amputees. 25% increased fluid capacity over Model 2000, the Total Knee 2100 offers stability, control, efficiency and durability.

- Polycentric knee designed for multi-speed ambulation, higher impact levels and heavier loads.
- Geometric locking system.
- 30mm (1 3/16") pylon adaptability.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.



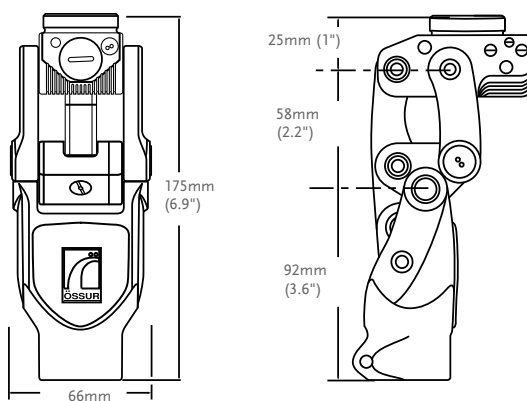
OSSUR KNEES  
AND LEGS

| Patient Profile:        |                                       |
|-------------------------|---------------------------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |
| Impact Level:           | Moderate to Extreme                   |
| Maximum Patient Weight: | 125kg (275lbs)                        |

| Product Information: |                 |
|----------------------|-----------------|
| Build Height:        | 175mm (6.9")    |
| Weight of Knee:      | 0.9kg (1.98lbs) |
| Flexion:             | Stop at 150°    |

|            |                            |                |                   |             |                  |                           |                             |
|------------|----------------------------|----------------|-------------------|-------------|------------------|---------------------------|-----------------------------|
|            |                            |                |                   |             |                  |                           |                             |
| MULTI AXIS | INCREASED GROUND CLEARANCE | GEOMETRIC LOCK | HYDRAULIC CONTROL | MULTI SPEED | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION | SOCKET CONNECTOR ADAPTATION |

## CLEARANCE



## KITS

| Part#   | Description                              |
|---------|--|
| 2100    | Total Knee 2100*                         |
| 2100-KE | Total Knee 2100 w/4-prong socket adapter |
| 2100-OS | Total Knee 2100 w/male pyramid adapter   |

\*The knee comes with the yellow bumper fitted.

# TOTAL KNEE® 2100

## COSMETIC FINISHING

| Picture | Part# | Description            |
|---------|-------|------------------------|
| 1       | 2145  | Shin Fairing, Black    |
| 2       | 2150  | Knee Cap, Small, Black |
| 3       | 2151  | Knee Cap, Large, Beige |



## COMPONENTS

### BUMPER KIT

| Part#    | Description                         |
|----------|-------------------------------------|
| 2100-Kit | A complete set of bumpers and shims |

Includes:

- 1 Bumper of each durometer:
- 1 Shim 0.38mm
- 1 Shim 0.76mm



### BUMPER COVER

| Part#    | Description                      |
|----------|----------------------------------|
| 2100-717 | Bumper cover for Total Knee 2100 |



### EXTENSION PROMOTER

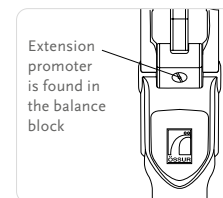
| Part# | Description  |
|-------|--|
| 1905  | Assists in limiting heel rise and moving the knee into a fully extended position |

### EXTENSION ASSIST

| Part# | Description  |
|-------|--|
| 2070S | Fully assembled extension assist with yellow (regular) spring inserted |

Includes:

- Blue spring (firm)
- Red spring (extra firm)



# TOTAL KNEE® 2100

## COMPONENTS

### GREASE GUN

| Part# | Description                |
|-------|----------------------------|
| 2105  | Grease for Total Knee 2100 |

### TOTAL KNEE ADAPTERS

| Picture | Part#    | Description             | Material        | Weight Limit |        | Weight |       |
|---------|----------|-------------------------|-----------------|--------------|--------|--------|-------|
| 1.      | A-114040 | 4- Prong Socket Adapter | Stainless Steel | 166kg        | 365lbs | 158g   | 4oz   |
| 2.      | A-122300 | Euro 4-Hole Adapter     | Aluminum        | 125kg        | 275lbs | 70g    | 2.5oz |
| 3.      | A-834300 | Male Pyramid Adapter    | Stainless Steel | 100kg        | 220lbs | 111g   | 3.9oz |
| 3.      | A-835300 | Male Pyramid Adapter    | Titanium        | 166kg        | 365lbs | 80g    | 2.8oz |
| 4.      | A-845300 | Female Pyramid Adapter  | Titanium        | 166kg        | 365lbs | 85g    | 3oz   |

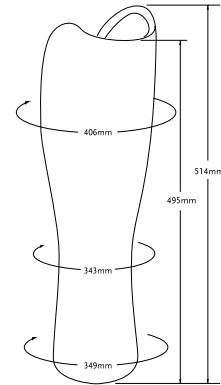


## COSMETIC FINISHING FOR TOTAL KNEE®

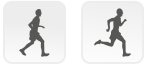
### DISCONTINUOUS COSMETIC FOAM

| Part# | Description  |
|-------|--|
| 2175L | Cosmetic Foam Cover, High activity, Large - for use with Total Knee 2100 |

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube
- Fire retardant



# OH5 KNEE™



OH5 Knee is a hydraulic, polycentric knee joint. The OH5 can be adapted for different walking speeds using the innovative hydraulic system. Four different socket connection options support use for different amputation levels.

- Individually adjustable swing phase
- Geometric stability at heel strike
- Simple modification of the socket connector
- Mid-swing shortening offers increased toe clearance during swing
- Highly acute flexion angle for more freedom of movement



| Patient Profile:        |                                    |
|-------------------------|------------------------------------|
| Amputation Level:       | Transfemoral, Knee Disarticulation |
| Impact Level:           | High to Extreme                    |
| Maximum Patient Weight: | 100kg (220lbs)                     |

| Product Information: |                       |                           |                            |                             |
|----------------------|-----------------------|---------------------------|----------------------------|-----------------------------|
|                      | OH5 Knee with pyramid | OH5 Knee with IKF adapter | KH5 Knee with Loop adapter | KH5 Knee with 3-arm adapter |
| Build Height (1):    | 184mm                 | 199mm                     | 176mm                      | 180mm                       |
| Build Height (2):    | 132mm                 | 147mm                     | 141mm                      | 145mm                       |
| Build Height (3):    | 17mm                  | 32mm                      | 26mm                       | 26mm                        |
| Weight of Knee:      | 830g                  | 965g                      | 850g                       | 930g                        |
| Flexion:             | Stop at 150°          | Stop at 150°              | Stop at 150°               | Stop at 150°                |



MULTI AXIS



INCREASED GROUND CLEARANCE



GEOMETRIC LOCK



HYDRAULIC CONTROL



MULTI SPEED



EXTENSION ASSIST



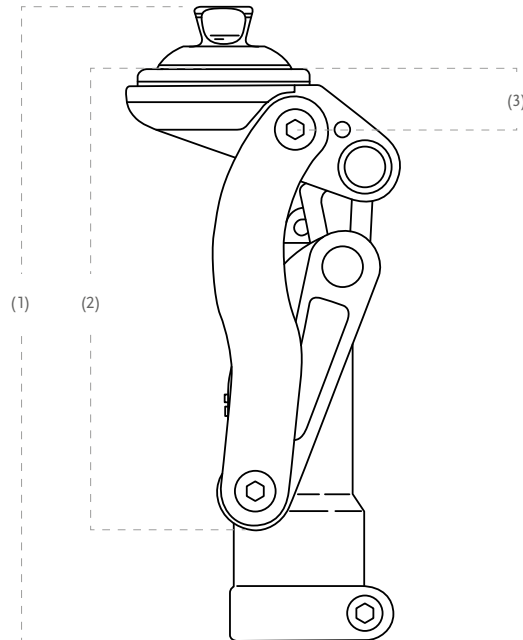
ADJUSTABLE STANCE FLEXION



SOCKET CONNECTOR ADAPTATION

# OH5 KNEE™

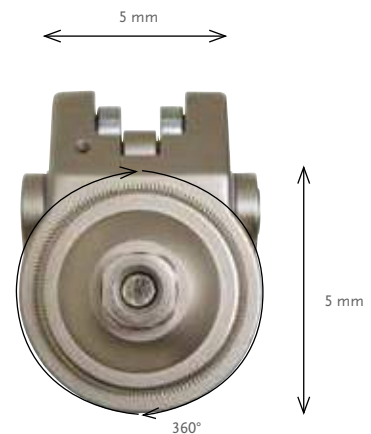
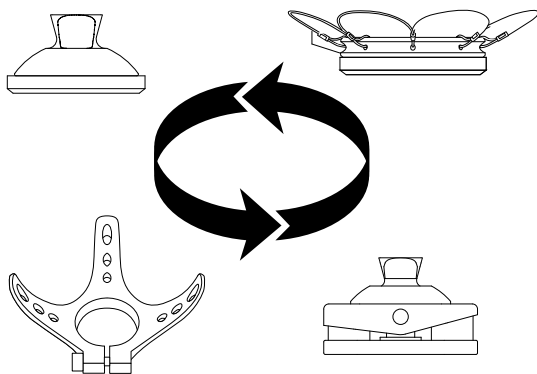
## CLEARANCE



ÖSSUR KNEES  
AND LEGS

## KITS

| Part#   | Description                 |
|---------|-----------------------------|
| 1722176 | OH5 Knee with pyramid       |
| 1725176 | OH5 Knee with IKF adapter   |
| 1722175 | KH5 Knee with Loop adapter  |
| 1722177 | KH5 Knee with 3-arm adapter |



# OH7 KNEE™



OH7 Knee is a hydraulic, polycentric knee joint. The OH7 can be adapted for different walking speeds using the innovative hydraulic system. Four different socket connection options support use for different amputation levels.

- Individually adjustable swing phase
- Geometric stability at heel strike
- Simple modification of the socket connector
- Mid-swing shortening offers increased toe clearance during swing
- Highly acute flexion angle for more freedom of movement
- Adjustable axle geometry



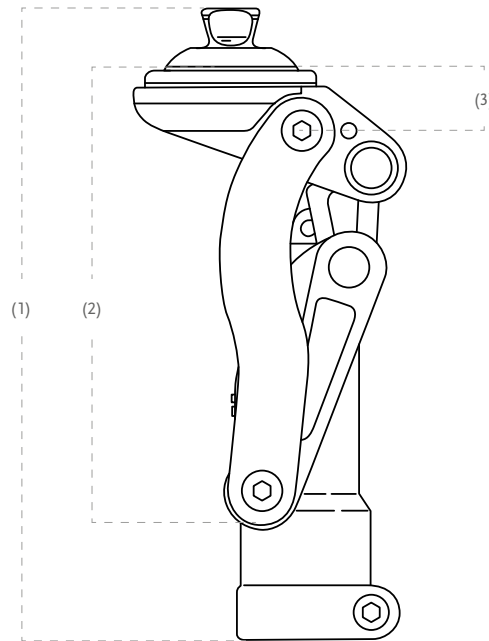
| Patient Profile:        |                                    |
|-------------------------|------------------------------------|
| Amputation Level:       | Transfemoral, Knee Disarticulation |
| Impact Level:           | High to Extreme                    |
| Maximum Patient Weight: | 136kg (300lbs)                     |

| Product Information: |                       |                           |                            |                             |
|----------------------|-----------------------|---------------------------|----------------------------|-----------------------------|
|                      | OH7 Knee with pyramid | OH7 Knee with IKF adapter | KH7 Knee with Loop adapter | KH7 Knee with 3-arm adapter |
| Build Height (1):    | 186mm                 | 201mm                     | 178mm                      | 180mm                       |
| Build Height (2):    | 134mm                 | 149mm                     | 143mm                      | 147mm                       |
| Build Height (3):    | 19mm                  | 34mm                      | 28mm                       | 28mm                        |
| Weight of Knee:      | 930g                  | 1065g                     | 950g                       | 1030g                       |
| Flexion:             | Stop at 150°          | Stop at 150°              | Stop at 150°               | Stop at 150°                |

|            |                            |                          |                |                   |             |                  |                           |                             |
|------------|----------------------------|--------------------------|----------------|-------------------|-------------|------------------|---------------------------|-----------------------------|
|            |                            |                          |                |                   |             |                  |                           |                             |
| MULTI AXIS | INCREASED GROUND CLEARANCE | ADJUSTABLE AXIS GEOMETRY | GEOMETRIC LOCK | HYDRAULIC CONTROL | MULTI SPEED | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION | SOCKET CONNECTOR ADAPTATION |

# OH7 KNEE™

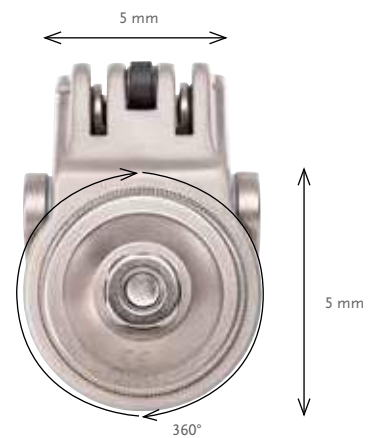
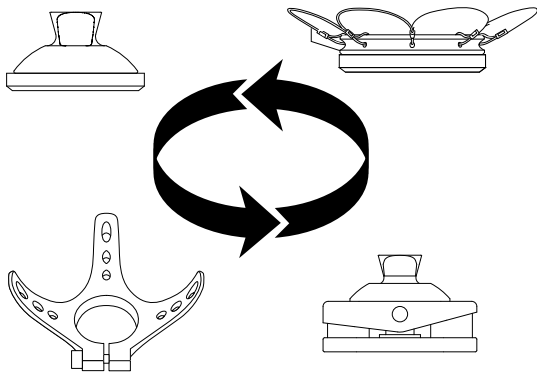
## CLEARANCE



ÖSSUR KNEES  
AND LEGS

## KITS

| Part#   | Description                 |
|---------|-----------------------------|
| 1725180 | OH7 Knee with pyramid       |
| 1725181 | OH7 Knee with IKF adapter   |
| 1725182 | KH7 Knee with Loop adapter  |
| 1725183 | KH7 Knee with 3-arm adapter |



# MAUCH® KNEE



Mauch Knee was designed to withstand unpredictable conditions. Featuring a sophisticated profile, extension stop, lightweight aluminum construction, Mauch Knee is suited for highly active users.

- Single axis hydraulic knee system with swing and stance control (SNS®). Designed for multi-speed ambulation.
- Durable and secure motion.
- Ultra-durable Aluminum frame.
- Roller bearings at knee axis and cylinder attachment points for smooth action.
- Yielding stance control.
- Mode selector switch allows manual locking and free swing functions.
- Smooth profile assists with cosmetic finishing.



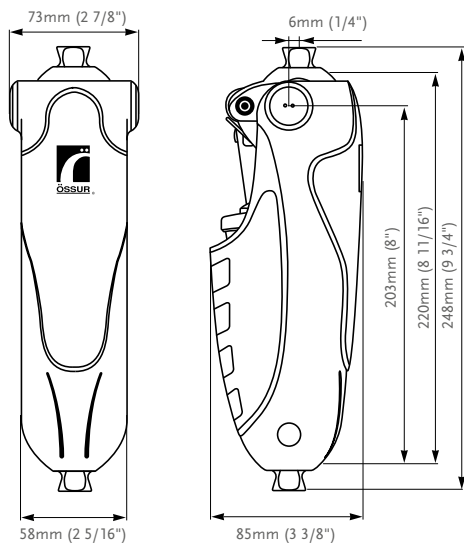
| Patient Profile:        |                     |
|-------------------------|---------------------|
| Amputation Level:       | Transfemoral        |
| Impact Level:           | Moderate to Extreme |
| Maximum Patient Weight: | 136kg (300lbs)      |

| Product Information:            |                 |
|---------------------------------|-----------------|
| Build Height:                   | 248mm (9 3/4")  |
| Weight of Knee (with Cylinder): | 1.14kg (2.5lbs) |
| Flexion:                        | Stop at 115°    |

|             |             |                   |             |                           |                     |
|-------------|-------------|-------------------|-------------|---------------------------|---------------------|
|             |             |                   |             |                           |                     |
| SINGLE AXIS | MANUAL LOCK | HYDRAULIC CONTROL | MULTI SPEED | ADJUSTABLE STANCE FLEXION | FULL STANCE FLEXION |

## CLEARANCE

## KITS



| Part#    | Description        |
|----------|--------------------|
| MKN01360 | Mauch Knee Kit SNS |

## SPARE PARTS

| Part#    | Description                |
|----------|----------------------------|
| MKA01361 | Knee Ball, Screw, Btn Head |
| MKA01362 | Cover, Front               |
| MKA01363 | Cover, Rear, Sub Assembly  |
| MKA01364 | Plug, Side                 |



# MAUCH® KNEE PLUS



The Mauch Knee Plus is a heavy duty version of the Mauch Knee. Built on the same advanced technology, it was developed in order to accommodate the needs of users requiring a higher weight limit. A slightly different and more robust frame means that the Mauch Knee Plus offers all of the benefits of the standard Mauch Knee to users up to 166kg (365lbs).

- Single axis hydraulic knee system with swing and stance control (SNS®).
- Designed for multi-speed ambulation.
- Ultra durable Aluminum frame.
- Durability and more secure motion.
- Roller bearings at knee axis and cylinder attachment points for smooth action.
- Yielding stance control.
- Mode selector switch allows manual locking and free swing functions.
- Universal 4-hole mounting patterns for versatile adapter options.
- Option for through hole or threaded hole top bracket.



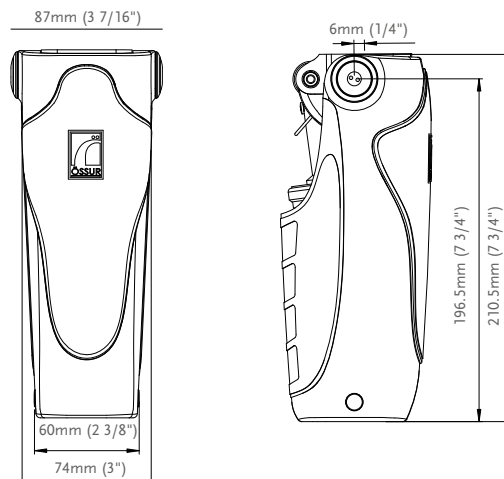
ÖSSUR KNEES AND LEGS

| Patient Profile:        |                     |
|-------------------------|---------------------|
| Amputation Level:       | Transfemoral        |
| Impact Level:           | Moderate to Extreme |
| Maximum Patient Weight: | 166kg (365lbs)      |

| Product Information:            |                   |
|---------------------------------|-------------------|
| Build Height:                   | 210.5mm (8 5/16") |
| Weight of Knee (with Cylinder): | 1.21kg (2.7lbs)   |
| Flexion:                        | Stop at 125°      |

|             |             |                   |             |                           |                     |                             |
|-------------|-------------|-------------------|-------------|---------------------------|---------------------|-----------------------------|
|             |             |                   |             |                           |                     |                             |
| SINGLE AXIS | MANUAL LOCK | HYDRAULIC CONTROL | MULTI SPEED | ADJUSTABLE STANCE FLEXION | FULL STANCE FLEXION | SOCKET CONNECTOR ADAPTATION |

## CLEARANCE



# MAUCH® KNEE PLUS

## KITS

| Part#     | Description                            |
|-----------|--|
| MKN01660  | Mauch Knee Kit SNS                     |
| MKN01663* | Mauch Knee Plus Kit SNS - Through Hole |

\*Special Order

## SOCKET ADAPTER OPTIONS

Recommended to allow full knee flexion with direct socket attachment.

| Part#    | Description                      | Build height |      | weight |     |
|----------|----------------------------------|--------------|------|--------|-----|
| A-125100 | 4-Hole Socket Adapter / Titanium | 18.5mm       | 3/4" | 12g    | 4oz |

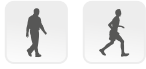
## COMPONENTS

| Part#    | Description                |
|----------|----------------------------|
| MKA01661 | Knee Ball, Screw, Btn Head |
| MKA01662 | Cover, Front               |
| MKA01663 | Cover, Rear, Sub Assembly  |
| MKA01664 | Plug, Side                 |

\*Special Order



## OP2 KNEE™



The OP2 Knee is a polycentric knee joint with a sturdy aluminium frame construction. The Knee is for users with normal demands on walking.

- Extension/Flexion can be set independently of each other
- Adjustable axle geometry
- High knee flexion angle up to 160°
- Slim design



ÖSSUR KNEES  
AND LEGS

| Patient Profile:        |                  |
|-------------------------|------------------|
| Amputation Level:       | Transfemoral     |
| Impact Level:           | Moderate to High |
| Maximum Patient Weight: | 125kg (275lbs)   |

| Product Information: |        |
|----------------------|--------|
| Build Height:        | 190mm  |
| Weight of Knee:      | 0,65kg |
| Flexion:             | 160°   |



MULTI AXIS



INCREASED  
GROUND  
CLEARANCE



ADJUSTABLE  
AXIS GEOMETRY



PNEUMATIC

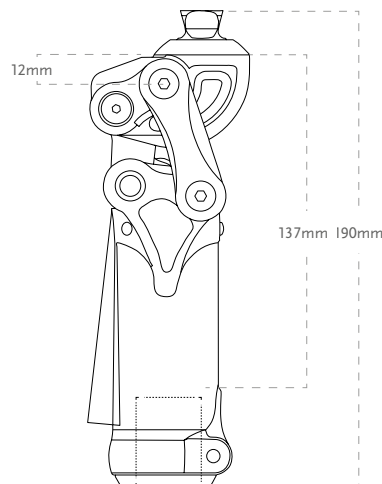


MULTI SPEED



EXTENSION  
ASSIST

## CLEARANCE



## KITS

| Part#   | Description |
|---------|-------------|
| 1724120 | OP2 Knee    |

# OHP3 KNEE™



OHP3 Knee is a polycentric, pneumatic knee joint. Multiple socket connection options support use for different amputation levels.

- Individually adjustable swing phase for a harmonious gait
- Simple modification of the socket connector
- More freedom of movement and high comfort in wear
- Kneecap provides additional protection for both the knee and clothing



| Patient Profile:        |                                    |
|-------------------------|------------------------------------|
| Amputation Level:       | Transfemoral, Knee Disarticulation |
| Impact Level:           | Moderate to High                   |
| Maximum Patient Weight: | 125kg (275lbs)                     |

| Product Information: |                        |                            |                             |                              |
|----------------------|------------------------|----------------------------|-----------------------------|------------------------------|
|                      | OHP3 Knee with pyramid | OHP3 Knee with IKF adapter | KHP3 Knee with Loop adapter | KHP3 Knee with 3-arm adapter |
| Build Height (1):    | 215mm                  | 230mm                      | 207mm                       | 205mm                        |
| Build Height (2):    | 158mm                  | 174mm                      | 168mm                       | 166mm                        |
| Build Height (3):    | 18mm                   | 33mm                       | 27mm                        | 27mm                         |
| Weight of Knee:      | 1025g                  | 1155g                      | 1040g                       | 1120g                        |
| Flexion:             | approx. 150°           | approx. 150°               | approx. 150°                | approx. 150°                 |



MULTI AXIS



INCREASED GROUND CLEARANCE



ADJUSTABLE AXIS GEOMETRY



GEOMETRIC LOCK



PNEUMATIC CONTROL



MULTI SPEED



EXTENSION ASSIST

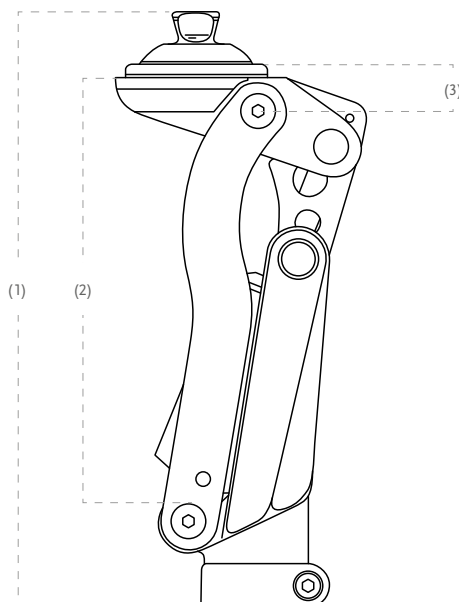


ADJUSTABLE STANCE FLEXION



SOCKET CONNECTOR ADAPTATION

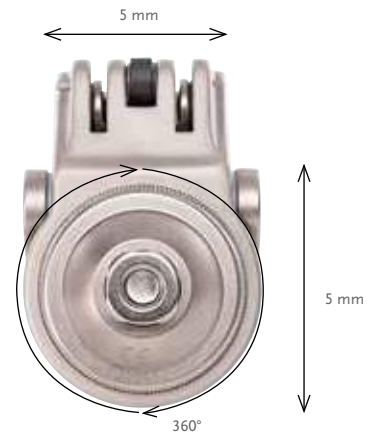
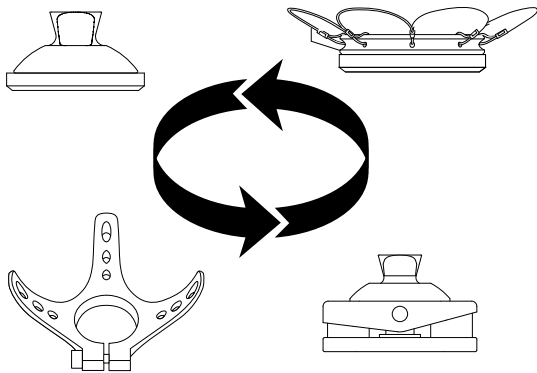
## CLEARANCE



# OHP3 KNEE™

## KITS

| Part#   | Description                  |
|---------|------------------------------|
| 1728160 | OHP3 Knee with pyramid       |
| 1728161 | OHP3 Knee with IKF adapter   |
| 1728162 | KHP3 Knee with Loop adapter  |
| 1728163 | KHP3 Knee with 3-arm adapter |



## OP4 KNEE™



The OP4 Knee is a pneumatic, monocentric knee joint with brake function. Due to the finely adjustable brake, the joint can be adapted to the individual's needs.

- Braking behavior can be adjusted to suit the user
- Individually adjustable swing phase
- Highly acute flexion angle for more freedom of movement
- Kneecap provides additional protection for both the knee and clothing



| Patient Profile:        |                  |
|-------------------------|------------------|
| Amputation Level:       | Transfemoral     |
| Impact Level:           | Moderate to High |
| Maximum Patient Weight: | 100kg (220lbs)   |

| Product Information: |         |
|----------------------|---------|
| Build Height:        | 198mm   |
| Weight of Knee:      | 0,680kg |
| Flexion:             | 145°    |



SINGLE AXIS



WEIGHT ACTIVATED LOCK



PNEUMATIC CONTROL



MULTI SPEED

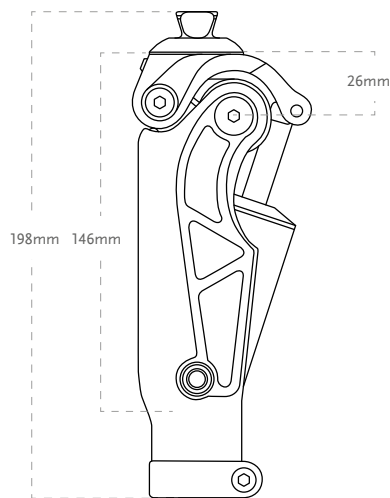


EXTENSION ASSIST



ADJUSTABLE STANCE FLEXION

## CLEARANCE



## KITS

| Part#   | Description |
|---------|-------------|
| 1720185 | OP4 Knee    |

# OP5 KNEE™



OP5 Knee is a pneumatic polycentric knee joint, whose swing phase profile can be adjusted to the user's needs. Multiple socket connection options support use for different amputation levels.

- Individually adjustable swing phase
- Simple modification of the socket connector
- Mid-swing shortening offers increased toe clearance during swing
- Highly acute flexion angle for more freedom of movement

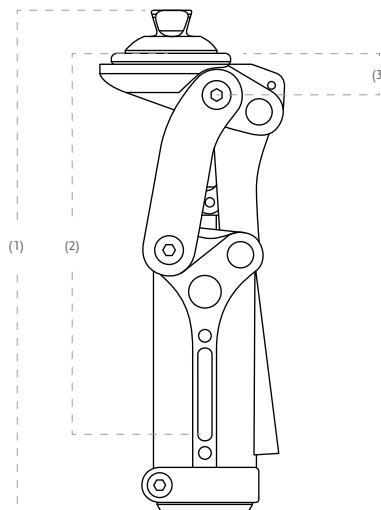


| Patient Profile:        |                                    |
|-------------------------|------------------------------------|
| Amputation Level:       | Transfemoral, Knee Disarticulation |
| Impact Level:           | Moderate to High                   |
| Maximum Patient Weight: | 125kg (275lbs)                     |

| Product Information: |                       |                           |                            |                             |
|----------------------|-----------------------|---------------------------|----------------------------|-----------------------------|
|                      | OP5 Knee with pyramid | OP5 Knee with IKF adapter | KP5 Knee with Loop adapter | KP5 Knee with 3-arm adapter |
| Build Height (1):    | 195mm                 | 210mm                     | 200mm                      | 205mm                       |
| Build Height (2):    | 160mm                 | 175mm                     | 165mm                      | 170mm                       |
| Build Height (3):    | 18mm                  | 33mm                      | 23mm                       | 26mm                        |
| Weight of Knee:      | 770g                  | 900g                      | 785g                       | 870g                        |
| Flexion:             | approx. 145°          | approx. 145°              | approx. 145°               | approx. 145°                |

|            |                            |                   |             |                  |                           |                             |
|------------|----------------------------|-------------------|-------------|------------------|---------------------------|-----------------------------|
|            |                            |                   |             |                  |                           |                             |
| MULTI AXIS | INCREASED GROUND CLEARANCE | PNEUMATIC CONTROL | MULTI SPEED | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION | SOCKET CONNECTOR ADAPTATION |

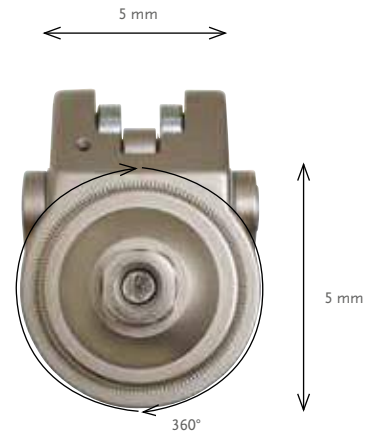
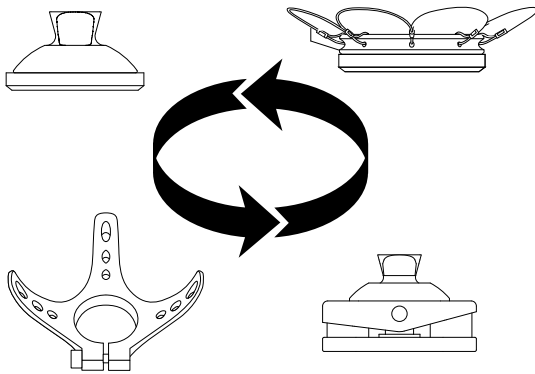
## CLEARANCE



# OP5 KNEE™

## KITS

| Part#   | Description                 |
|---------|-----------------------------|
| 1720180 | OP5 Knee with pyramid       |
| 1720182 | OP5 Knee with IKF adapter   |
| 1720181 | KP5 Knee with Loop adapter  |
| 1720183 | KP5 Knee with 3-arm adapter |





## PASO KNEE



Paso Knee is a pneumatic, polycentric knee joint. The intelligent swing phase control adapts automatically to the user's walking speed. The four different socket connection options enable use by different amputation levels.

- Swing phase control with auto-adaptive pneumatic system
- Works straight “out of the box” – ready for use without long adjustment time
- Highly solid construction
- Different walking speed is supported up to 7 km/h.
- Powerful and smooth-running
- High knee flexion angle up to 150°

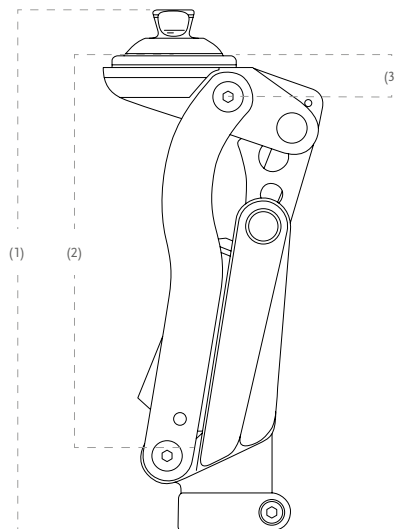


| Patient Profile:        |                                    |
|-------------------------|------------------------------------|
| Amputation Level:       | Transfemoral, Knee Disarticulation |
| Impact Level:           | Low to High                        |
| Maximum Patient Weight: | 136kg (300lbs)                     |

| Product Information: |                        |                            |                             |                              |
|----------------------|------------------------|----------------------------|-----------------------------|------------------------------|
|                      | Paso Knee with pyramid | Paso Knee with IKF adapter | Paso Knee with loop adapter | Paso Knee with 3 arm adapter |
| Build Height (1):    | 215mm                  | 230mm                      | 207mm                       | 205mm                        |
| Build Height (2):    | 158mm                  | 174mm                      | 168mm                       | 166mm                        |
| Build Height (3):    | 18mm                   | 33mm                       | 27mm                        | 27mm                         |
| Weight of Knee:      | 1050g                  | 1180g                      | 1065g                       | 1145g                        |
| Flexion:             | approx. 150°           | approx. 150°               | approx. 150°                | approx. 150°                 |

|            |                            |                          |                |                   |             |                            |                  |                           |                             |
|------------|----------------------------|--------------------------|----------------|-------------------|-------------|----------------------------|------------------|---------------------------|-----------------------------|
|            |                            |                          |                |                   |             |                            |                  |                           |                             |
| MULTI AXIS | INCREASED GROUND CLEARANCE | ADJUSTABLE AXIS GEOMETRY | GEOMETRIC LOCK | PNEUMATIC CONTROL | MULTI SPEED | AUTOMATIC SPEED ADJUSTMENT | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION | SOCKET CONNECTOR ADAPTATION |

## CLEARANCE

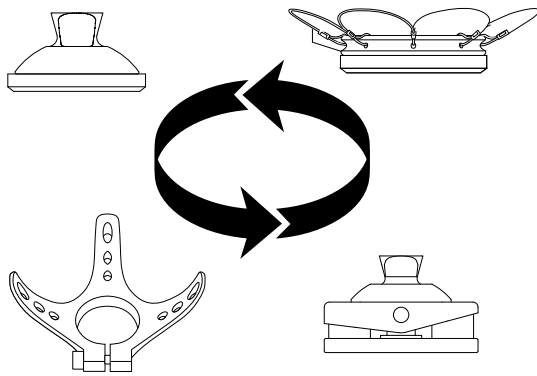


# PASO KNEE

## KITS

| Part#   | Description                  |
|---------|------------------------------|
| 1728180 | Paso Knee with pyramid       |
| 1728181 | Paso Knee with IKF adapter   |
| 1728182 | Paso Knee with loop adapter  |
| 1728183 | Paso Knee with 3 arm adapter |

ÖSSUR KNEES AND LEGS



# ÖSSUR FEET

## ÖSSUR BALANCE SOLUTIONS



BALANCE FOOT S



BALANCE FOOT S TORSION



K2 SENSATION WITH  
D/P FLEXION



FLEX-FOOT BALANCE  
WITH D/P FLEXION



BALANCE FOOT J



FLEX-FOOT ASSURE

## ÖSSUR DYNAMIC SOLUTIONS



PROPRIO FOOT



PRO-FLEX XC TORSION



PRO-FLEX PIVOT



PRO-FLEX LP TORSION



PRO-FLEX XC



RE-FLEX ROTATE



PRO-FLEX LP



RE-FLEX SHOCK



PRO-FLEX LP ALIGN



CHEETAH XPLORE

# ÖSSUR FEET

## CHARACTERISTICS

### FULL LENGTH TOE LEVER

The full-length keel/toe lever matches the length of the sound foot, giving a smoother, symmetrical gait.



FULL LENGTH TOE LEVER

### ACTIVE TIBIAL PROGRESSION

Vertical forces generated at heel contact are initially absorbed and translated into forward motion described as Active Tibial progression.



ACTIVE TIBIAL PROGRESSION

### VERTICAL SHOCK PYLON

The vertical shock pylon reduces trauma to the residual limb, joints and lower back during daily activities. Benefits: Protection of joints, the spine and residual limb by reduction of the shock loading.



VERTICAL SHOCK PYLON

### ROTATION

The ability of the foot to absorb rotational forces allows the user to walk with a more natural gait without increasing the shear forces on the residual limb.



ROTATION

### HEEL HEIGHT ADJUSTABILITY

Heel height can be adjusted to various types of shoes.



HEEL HEIGHT ADJUSTABILITY

### MULTI-AXIAL GROUND COMPLIANCE

Multi-axial compliance of the foot provides improved ground contact during ambulation on uneven surfaces.



MULTI-AXIAL GROUND COMPLIANCE

### ANKLE POWER

In mid stance the stiffness is low to reduce moment and pressure on the residual limb, in late stance the stiffness is high generating ankle power similar to a biological ankle.



ANKLE POWER

### PIVOT TECHNOLOGY

The pivot technology mimics the human ankle joint through connection of the blades around the psychological center of rotation.



PIVOT TECHNOLOGY

### ANATOMICAL FOOT

The full effective foot length, in combination with the big toe and sandal toe matches the length and shape of the sound foot. The lightweight anatomical foot cover features a steadygrip sole for barefoot stability on wet or slick surfaces, and a sandalclamping toe for a range of footwear including flip flops.



ANATOMICAL FOOT

# ÖSSUR FEET

## CHARACTERISTICS

### SPLIT TOE

A split toe feature allows the foot to adjust to the surface.



SPLIT TOE

### SANDAL TOE

Narrow, anatomically correct foot cover for use with a sandal toe shoe.

Benefits: More anatomical look for increased visual appeal and more functional compatibility with sandal shoes.



SANDAL TOE

### WATERPROOF

The use of first-rate material such as carbon fiber, titanium and high-grade aluminum provides permanent protection against harmful ingress of water. Even after submersion in water, the foot's structural parts maintain their integrity and continue to provide full support, function and durability.

When the foot is directly laminated onto the socket the device is waterproof. The components used with the foot need to be waterproof as well.



WATERPROOF

### WEATHERPROOF

A weatherproof device allows use in a wet and/or humid environment but does not allow submersion. Fresh water splashing against the enclosure from any direction shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water.

When used with pyramid or T attachment the device is weatherproof. For a weatherproof system, only weatherproof components must be selected.



WEATHERPROOF

### HYDRAULIC DORSIFLEXION

The hydraulic dorsiflexion and plantarflexion provides the user with toe clearance in swing phase.



HYDRAULIC FLEXION

## UNITY® VACUUM SUSPENSION SYSTEM

### INTRODUCTION

Building on renowned Iceross Seal-In technology, Össur designers and engineers have developed a form of advanced vacuum suspension that is also compatible with Flex-Foot technology.

The design challenge was to apply elevated vacuum with a Seal-In liner, using a simple pump mechanism which had minimal impact on the function of the foot. By applying vacuum where it is needed – around the distal part of the limb – Unity helps to stabilize volume while creating highly effective and sleeveless vacuum suspension.

Without a sleeve, range-of-motion is not restricted and vacuum can be released quickly and easily at the touch of a button. The design also minimizes the risk of proximal vacuum leakage and the puncture issues associated with more traditional 'above-knee' vacuum methods.

### KEY ADVANTAGES

Unity offers the security and freedom of vacuum suspension, but without the sensation and restrictions of a sleeve. This advanced system from Össur effectively addresses volume fluctuation and is totally compatible with Flex-Foot technology.

- No sleeve required: Greater mobility and user acceptance
- Distal vacuum: Effective volume stabilization
- Simple design: Quick and easy to achieve/release vacuum
- Independent pump: Shock function uncompromised

### MAIN APPLICATIONS

Unity is available for a host of feet, which together suit a wide spectrum of users. Transfemoral users can enjoy Unity as well as transtibial, since tube finishing options for Össur knees are available. Iceross Seal-In® X TF was designed to allow for optional seal placement and hold up to the strong vacuum created by Unity.

# BALANCE™ FOOT S



Balance Foot S is a lightweight, waterproof foot specifically designed to meet the needs of low active walkers. For these users, the cushioning heel foam with gradual stiffening and wide sole blade provides enhanced stability perception and the perception of a smooth rollover.

The anatomical foot cover features a steady-grip sole and a sandal clamping toe, for the opportunity to wear different types of footwear.

Össur recommends using Balance Foot S in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Balance Foot S dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.



| User information        |                                |
|-------------------------|--------------------------------|
| Amputation Level:       | Trans-femoral and Trans-tibial |
| Impact Level:           | Low                            |
| Maximum Patient Weight: | 147kg (324 lbs)                |

| Unity System Information   |   |
|----------------------------|---|
| Maximum Vacuum:            | -24inHg (-609mmHg)                            |
| Normal Operating Pressure: | -15-23 inHg                                   |
| Added System Weight:       | 130g (0.29lbs) w/ Pump, Socket Valve and Tube |

| Foot information                |   |
|---------------------------------|---|
| Categories:                     | 1-8                                       |
| Size:                           | 22-30                                     |
| Weight of Foot: (Size 27, cat5) | 622 g (1,37 lbs) w/ Foot Cover and Sock   |
| Build Height: (Size 27)         | 126mm (5") w/ Male Pyramid and Foot Cover |
| Heel Height:                    | 10mm (3/8")                               |
| Adapter Options:                | Male Pyramid                              |



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SPLIT TOE



SANDAL TOE



WATERPROOF

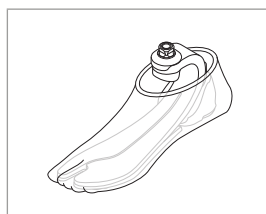


WEATHERPROOF\*

\*weatherproof when paired with Unity

## ORDERING INFORMATION

### FOR COMPLETE FOOT



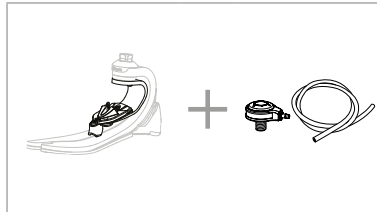
# BALANCE™ FOOT S

## ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot.

For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket. For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

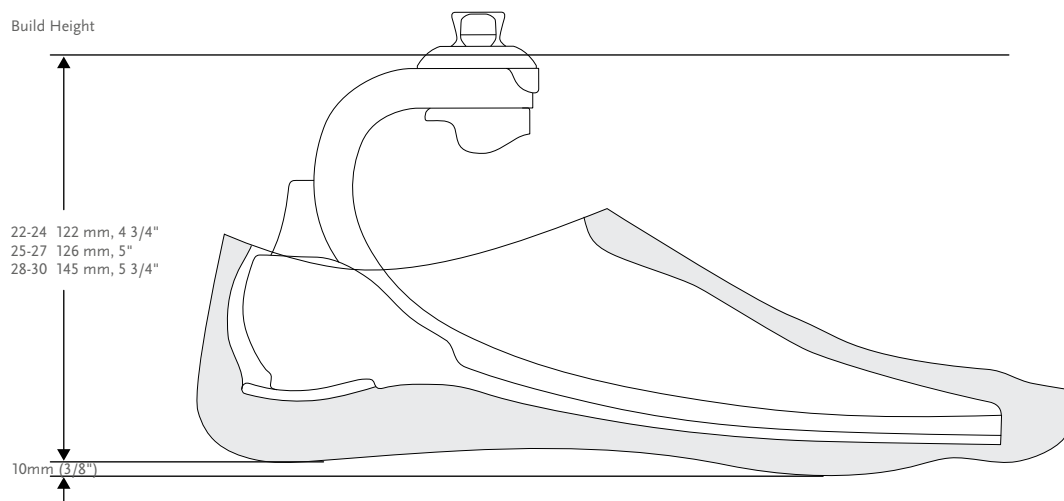
### FOR COMPLETE FOOT WITH UNITY



## CATEGORY SELECTION CHART

|                     |        |         |         |         |         |         |         |         |         |
|---------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg           | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
| Weight lbs          | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 222-256 | 257-287 | 288-324 |
| Low Impact Category |        |         |         |         |         |         |         |         |         |
| Size 22-24          | 1      | 1       | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     |
| Size 25-27          | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
| Size 28-30          | 3      | 3       | 3       | 3       | 4       | 5       | 6       | 7       | 8       |

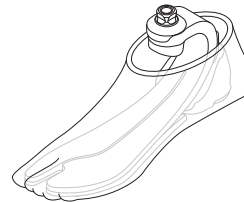
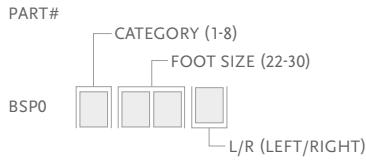
## CLEARANCE



# BALANCE™ FOOT S

## KITS

### BALANCE FOOT S WITH MALE PYRAMID

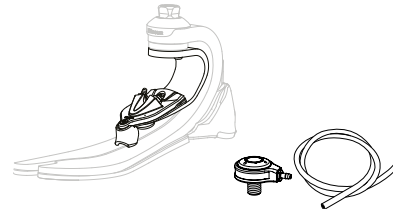
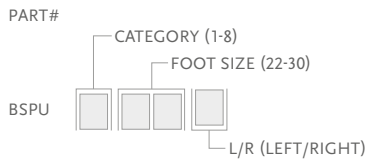


Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

\*When ordering brown covers, add "BR" to the end of the part number.

### BALANCE FOOT AND UNITY PUMP



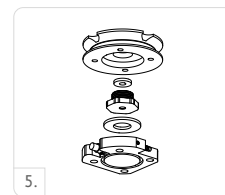
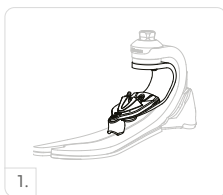
Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock
- Unity Pump

\*Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

| Picture | Part#    | Description           | Applicable Foot Kits                               |
|---------|----------|-----------------------|--|
| 1       | UBS0024  | Unity Pump S22-24     | Balance Foot S & Balance Foot S Torsion Size 22-24 |
| 1       | UBS0027  | Unity Pump S25-27     | Balance Foot S & Balance Foot S Torsion Size 25-27 |
| 1       | UBS0030  | Unity Pump S28-30     | Balance Foot S & Balance Foot S Torsion Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit    | All  |
| 3       | UTF0001  | Unity TF Valve Kit    | All  |
| 4       | UTF0006  | Unity TF Tube Kit     | All  |
| 5       | L-544611 | Icelock 544 Unity Kit | All  |





# BALANCE™ FOOT S

## UNITY SPARE COMPONENTS

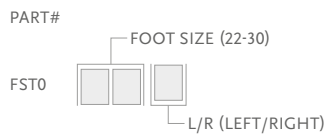
| Part#   | Description               |
|---------|---------------------------|
| UBS0021 | Unity BS Components 22-30 |

Includes:

- Outlet Port
- Inlet Port
- Duckbill Valves
- Tube
- Tube Clamp
- Loctite

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



Includes:

- Foot Cover\*
- Foot Cover Attachment
- Black Spectra Sock

\*For brown foot cover please add a "BR" suffix to the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# BALANCE™ FOOT S TORSION



Balance Foot S Torsion is a lightweight, waterproof foot specifically designed to meet the needs of low active walkers. For these users, the cushioning heel foam with gradual stiffening and wide sole blade provides enhanced stability perception and the perception of a smooth rollover. The torsion shock unit offers valuable shock absorption and helps to restore lost rotational capabilities.

The anatomical foot cover features a steady-grip sole and a sandal clamping toe, for the opportunity to wear different types of footwear.

Össur recommends using Balance Foot S Torsion in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Balance Foot S dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.



| User information        |                                |
|-------------------------|--------------------------------|
| Amputation Level:       | Trans-femoral and Trans-tibial |
| Impact Level:           | Low                            |
| Maximum Patient Weight: | 147kg (324 lbs)                |

| Unity System Information   |   |
|----------------------------|---|
| Maximum Vacuum:            | -24inHg (-609mmHg)                            |
| Normal Operating Pressure: | -15-23 inHg                                   |
| Added System Weight:       | 130g (0.29lbs) w/ Pump, Socket Valve and Tube |

| Foot information                |  |
|---------------------------------|--|
| Categories:                     | 1-8  |
| Size:                           | 22-30                                      |
| Weight of Foot: (Size 27, cat5) | 996 g (2,19 lbs) w/ Foot Cover and Sock    |
| Build Height: (Size 27)         | 204 mm (8") w/ Male Pyramid and Foot Cover |
| Heel Height:                    | 10mm (3/8")                                |
| Adapter Options:                | Male Pyramid                               |



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SPLIT TOE



SANDAL TOE



WATERPROOF

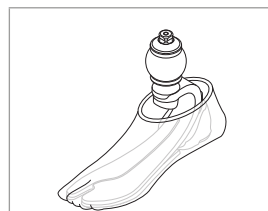


WEATHERPROOF\*

\*weatherproof when paired with Unity

## ORDERING INFORMATION

### FOR COMPLETE FOOT



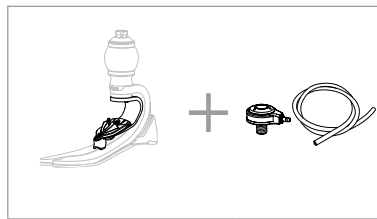
# BALANCE™ FOOT S TORSION

## ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot.

For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket. For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

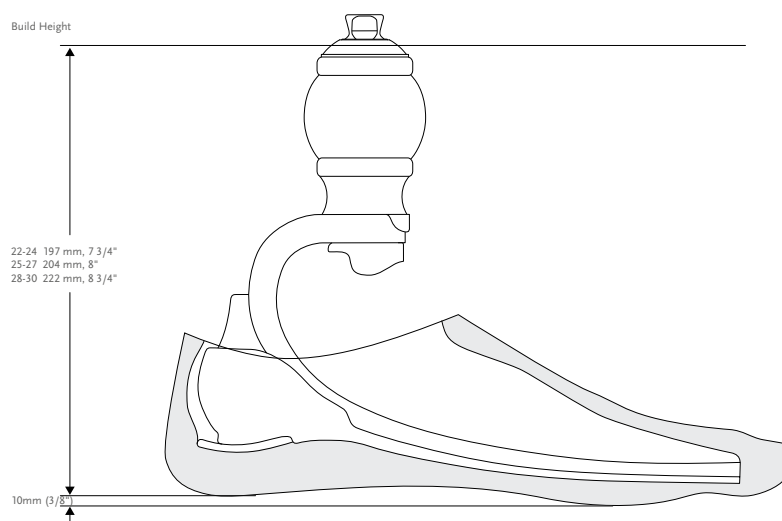
### FOR COMPLETE FOOT WITH UNITY



## CATEGORY SELECTION CHART

|                     |        |         |         |         |         |         |         |         |         |
|---------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg           | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
| Weight lbs          | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 222-256 | 257-287 | 288-324 |
| Low Impact Category |        |         |         |         |         |         |         |         |         |
| Size 22-24          | 1      | 1       | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     |
| Size 25-27          | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
| Size 28-30          | 3      | 3       | 3       | 3       | 4       | 5       | 6       | 7       | 8       |

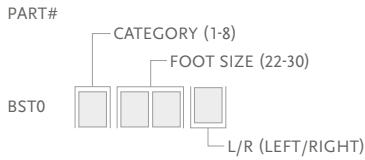
## CLEARANCE



# BALANCE™ FOOT S TORSION

## KITS

### BALANCE FOOT S TORSION WITH MALE PYRAMID



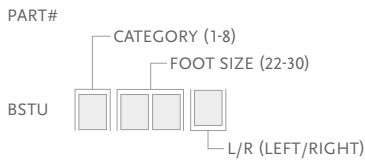
Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

\*When ordering brown covers, add "BR" to the end of the part number.



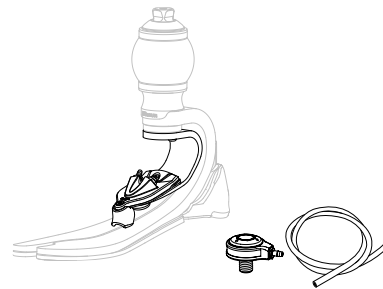
### BALANCE FOOT AND UNITY PUMP



Includes:

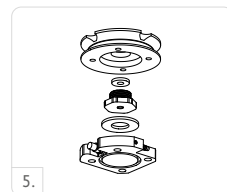
- Foot Module
- Removable Foot Cover\* with a black Spectra Sock
- Unity Pump

\*Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.



## UNITY

| Picture | Part#    | Description           | Applicable Foot Kits                               |
|---------|----------|-----------------------|--|
| 1       | UBS0024  | Unity Pump S22-24     | Balance Foot S & Balance Foot S Torsion Size 22-24 |
| 1       | UBS0027  | Unity Pump S25-27     | Balance Foot S & Balance Foot S Torsion Size 25-27 |
| 1       | UBS0030  | Unity Pump S28-30     | Balance Foot S & Balance Foot S Torsion Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit    | All  |
| 3       | UTF0001  | Unity TF Valve Kit    | All  |
| 4       | UTF0006  | Unity TF Tube Kit     | All  |
| 5       | L-544611 | Icelock 544 Unity Kit | All  |



# BALANCE™ FOOT S TORSION

## UNITY SPARE COMPONENTS

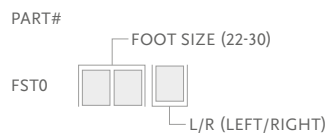
| Part#   | Description                |
|---------|----------------------------|
| UBS0021 | Unity BFS Components 22-30 |

Includes:

- Outlet Port
- Inlet Port
- Duckbill Valves
- Tube
- Tube Clamp
- Loctite

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



Includes:

- Foot Cover\*
- Foot Cover Attachment
- Black Spectra Sock

\*For brown foot cover please add a "BR" suffix to the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# K2 SENSATION® WITH D/P FLEXION™



Our K2 Sensation is a comfortable walking prosthesis with a flexible full length fiberglass keel and mutiaxial foam core. With smooth progression from heel strike to toe-off, K2 Sensation is designed to promote user confidence and stability.

K2 Sensation is also available with the D/P Flexion™ hydraulic ankle module. K2 Sensation with D/P Flexion offers 9 degrees of dorsi and plantarflexion during stance phase to help improve stability on ramps and when transitioning from sitting to standing. Swing phase dorsiflexion is designed to reduce the risk of trips and falls- one of the main concerns of low active amputees. Plus, independent stiffness adjustment of dorsi- and plantarflexion enables you to customize performance for each amputee user.

Add our zero-build-height Unity pump module to create the only sleeveless elevated vacuum solution for less active users.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low                          |
| Maximum Patient Weight: | 136kg (300lbs)               |



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SANDAL TOE



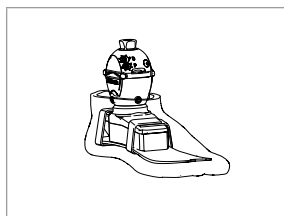
HYDRAULIC FLEXION

| Foot Information          |   |
|---------------------------|---|
| Categories:               | 0-5                                       |
| Sizes:                    | 21-28                                     |
| Weight of Foot: (Size 27) | 910g (32oz) w/ Pyramid and Foot Cover     |
| Build Height: (Size 27)   | 138mm (5 7/16") w/ Pyramid and Foot Cover |
| Heel Height:              | 10mm (3/8")                               |
| Adapter Options:          | Male Pyramid                              |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Unity Sizes:               | 23-28                               |
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -16-20 inHg                         |
| Added System Weight:       | 100g w/ Pump, Socket Valve and Tube |

## ORDERING INFORMATION

### FOR COMPLETE FOOT



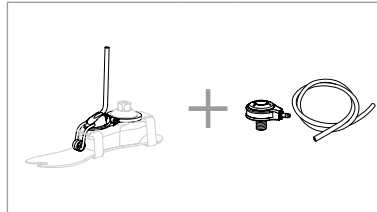
## K2 SENSATION® WITH D/P FLEXION™

### ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

#### FOR COMPLETE FOOT WITH UNITY

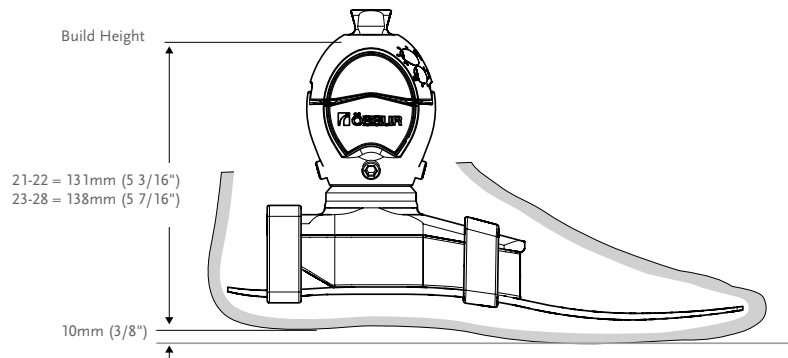


### CATEGORY SELECTION CHART

| Weight kg  | 36-44 | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|-------|--------|---------|---------|---------|---------|
| Weight lbs | 79-98 | 99-135 | 136-176 | 177-214 | 215-251 | 252-300 |
| 21         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 22         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 23         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 24         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 25         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 26         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 27         | N/A   | N/A    | 2       | 3       | 4       | 5       |
| 28         | N/A   | N/A    | 2       | 3       | 4       | 5       |

NOTE: The above categories apply only to K2 Sensation with or without D/P Flexion

### CLEARANCE

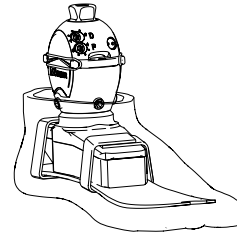
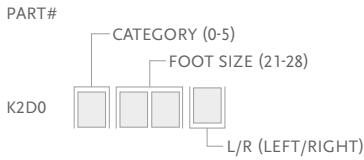


\*Note. K2 Sensation with D/P Flexion with Unity has the same build height as K2 Sensation with D/P Flexion.

# K2 SENSATION® WITH D/P FLEXION™

## KITS

### K2 SENSATION WITH D/P FLEXION

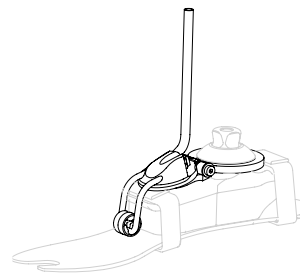
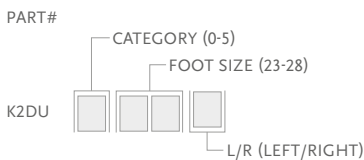


Includes:

- Foot Module with D/P Flexion
  - Removable Foot Cover\* with a Spectra Sock
- \*For K2 Sensation with D/P flexion with brown foot cover add a "BR" suffix to the part#

## FOOT KITS WITH UNITY

### UNITY FOR K2 SENSATION WITH D/P FLEXION AND UNITY PUMP



Includes:

- Foot Module with D/P Flexion
- Removable Foot Cover\* with a Spectra Sock
- Unity Pump

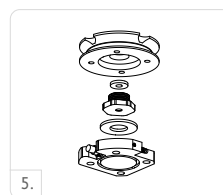
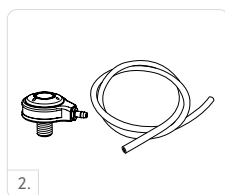
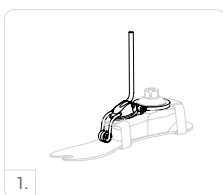
\*For K2 Sensation with D/P flexion with brown foot cover add a "BR" suffix to the part#

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

### UNITY KITS

| Picture | Part#    | Description                     | Applicable Foot Kits    |
|---------|----------|---------------------------------|-------------------------|
|         | UKB0026  | Unity Pump Module K2P-FBP 23-26 | K2 Sensation Size 23-26 |
|         | UKB0028  | Unity Pump Module K2P-FBP 27-28 | K2 Sensation Size 27-28 |
|         | UTT0001  | Unity TT Valve Kit              | All                     |
|         | UTF0001  | Unity TF Valve Kit              | All                     |
|         | UTF0006  | Unity TF Tube Kit               | All                     |
|         | L-544611 | Icelock 544 Kit                 | All                     |





# K2 SENSATION® WITH D/P FLEXION™

## UNITY SPARE COMPONENTS

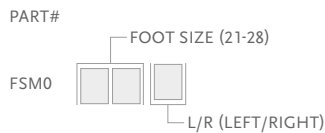
| Part#    | Description             |
|----------|-------------------------|
| UKB00021 | Unity Components, 23-28 |

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



\*For K2 Sensation with brown foot cover add a "BR" suffix to the part#

Includes:

- Foot Cover
- Spectra Sock
- Foot Cover Attachment

### SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# K2 SENSATION®



K2 Sensation has a flexible full length fiberglass keel, designed to promote user confidence and stability.

The multi-axial function is intended to mimic natural movements in addition to providing a smooth progression from heel strike to toe off, delivering all the comfort necessary for low impact activities.

It is lightweight and has a sandal toe pleasing users who prefer a aesthetically looking foot.

Unity for K2 Sensation is available either pre-fit with a new foot or as a retrofit option. Used in combination with Iceross® Seal-In® liners, Unity provides advanced vacuum suspension for the socket during ambulation, without the constraints of an external sleeve. It adds minimal weight to the existing prosthesis and its simple mechanical design means there are no batteries to worry about. Reliable, effective and easy to use, it is designed to enhance user acceptance and mobility.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low                          |
| Maximum Patient Weight: | 136kg (300lbs)               |



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SANDAL TOE

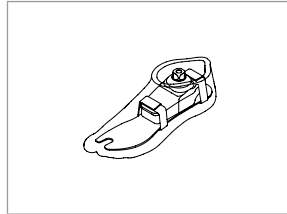
| Foot Information          |  |
|---------------------------|--|
| Categories:               | 0-5                                      |
| Sizes:                    | 21-28                                    |
| Weight of Foot: (Size 27) | 634g (22.4oz) w/ Pyramid and Foot Cover  |
| Build Height: (Size 27)   | 62mm (2 7/16") w/ Pyramid and Foot Cover |
| Heel Height:              | 10mm (3/8")                              |
| Adapter Options:          | Male Pyramid                             |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Unity Sizes:               | 23-28                               |
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -16-20 inHg                         |
| Added System Weight:       | 100g w/ Pump, Socket Valve and Tube |

# K2 SENSATION®

## ORDERING INFORMATION

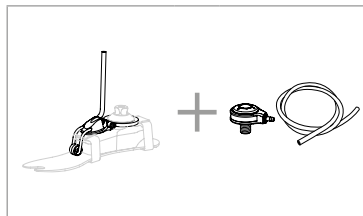
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY



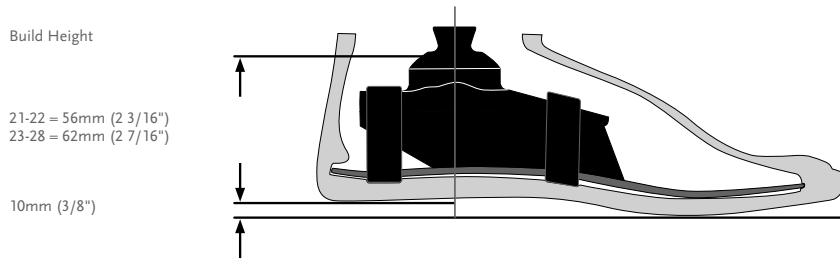
## CATEGORY SELECTION CHART

| Weight kg  | 36-44 | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|-------|--------|---------|---------|---------|---------|
| Weight lbs | 79-97 | 98-134 | 135-176 | 177-214 | 215-251 | 252-300 |
| 21         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 22         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 23         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 24         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 25         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 26         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 27         | N/A   | N/A    | 2       | 3       | 4       | 5       |
| 28         | N/A   | N/A    | 2       | 3       | 4       | 5       |

NOTE: The above categories apply only to K2 Sensation

# K2 SENSATION®

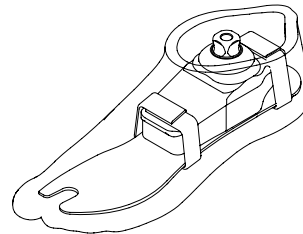
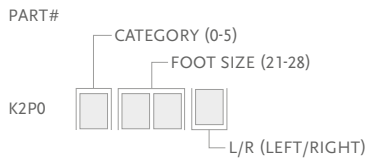
## CLEARANCE



\*Note. K2 Sensation with Unity has the same build height as K2 Sensation.

## KITS

### K2 SENSATION MALE PYRAMID



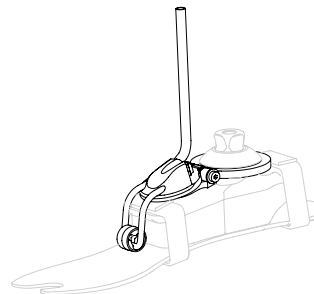
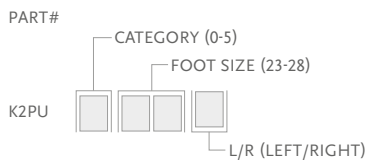
Includes:

- Foot Module with a Male Pyramid Adapter
- Removable Foot Cover\* with a Spectra Sock

\*For K2 Sensation with brown foot cover add a "BR" suffix to the part#

## FOOT KITS WITH UNITY

### K2 SENSATION MALE PYRAMID AND UNITY PUMP



Includes:

- Foot Module with a Male Pyramid Adapter
- Removable Foot Cover\* with a Spectra Sock
- Unity Pump

\*For K2 Sensation with brown foot cover add a "BR" suffix to the part#

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

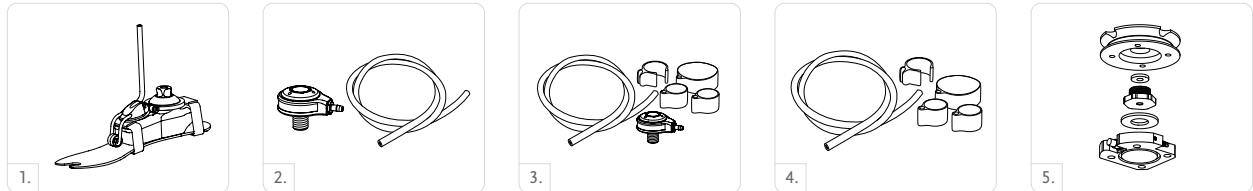
### UNITY KITS

| Picture | Part#    | Description                     | Applicable Foot Kits    |
|---------|----------|---------------------------------|-------------------------|
| 1       | UKB0026  | Unity Pump Module K2P-FBP 23-26 | K2 Sensation Size 23-26 |
| 1       | UKB0028  | Unity Pump Module K2P-FBP 27-28 | K2 Sensation Size 27-28 |
| 2       | UTT0001  | Unity TT Valve Kit              | All                     |
| 3       | UTF0001  | Unity TF Valve Kit              | All                     |
| 4       | UTF0006  | Unity TF Tube Kit               | All                     |
| 5       | L-544611 | Icelock 544 Kit                 | All                     |

# K2 SENSATION®

## UNITY

### UNITY KITS



### UNITY SPARE COMPONENTS

| Part#    | Description             |
|----------|-------------------------|
| UKB00021 | Unity Components, 23-28 |

Includes:

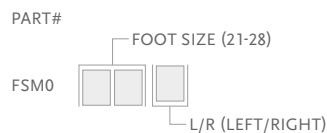
- Membrane
- Tube
- Check valves
- Tube fastener
- Barb fittings

### UNITY CATEGORY SELECTION CHART

| Weight kg  | 36-44 | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|-------|--------|---------|---------|---------|---------|
| Weight lbs | 79-97 | 98-134 | 135-176 | 177-214 | 215-251 | 252-300 |
| 23         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 24         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 25         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 26         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 27         | N/A   | N/A    | 2       | 3       | 4       | 5       |
| 28         | N/A   | N/A    | 2       | 3       | 4       | 5       |

NOTE: The above categories apply only to K2 Sensation

### FOOT COVER KIT, BEIGE AND BROWN\*



\*For K2 Sensation with brown foot cover add a "BR" suffix to the part#

Includes:

- Foot Cover
- Spectra Sock
- Foot Cover Attachment

### SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.



| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |

# FLEX-FOOT BALANCE® WITH D/P FLEXION™

UNITY  
COMPATIBLE



The Flex-Foot Balance is a comfortable multi-axial foot that combines proven durability and stability with comfort.

Flex-Foot Balance is also available with the D/P Flexion™ hydraulic ankle module. Flex-Foot Balance with D/P Flexion offers 9 degrees of dorsi and plantarflexion during stance phase to help improve stability on ramps and when transitioning from sitting to standing. Swing phase dorsiflexion is designed to reduce the risk of trips and falls—one of the main concerns of low active amputees. Plus, independent stiffness adjustment of dorsi- and plantarflexion enables you to customize performance for each amputee user. Please note that D/P Flexion is intended for low active amputees only.

Add our zero-build-height Unity pump module to create the only sleeveless elevated vacuum solution for less active users.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low                          |
| Maximum Patient Weight: | 136kg (300lbs)               |



FULL LENGTH  
TOE LEVER



MULTI-AXIAL  
GROUND  
COMPLIANCE



SANDAL TOE



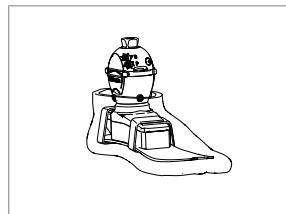
HYDRAULIC  
FLEXION

| Foot Information          |   |
|---------------------------|---|
| Categories:               | 0-5                                       |
| Sizes:                    | 21-28                                     |
| Weight of Foot: (Size 27) | 932g (33oz) w/ Pyramid and Foot Cover     |
| Build Height: (Size 27)   | 138mm (5 7/16") w/ Pyramid and Foot Cover |
| Heel Height:              | 10mm (3/8")                               |
| Adapter Options:          | Male Pyramid                              |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Unity Sizes:               | 23-28                               |
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -16-20 inHg                         |
| Added System Weight:       | 100g w/ Pump, Socket Valve and Tube |

## ORDERING INFORMATION

### FOR COMPLETE FOOT



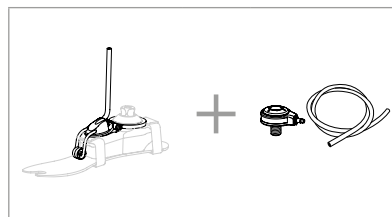
# FLEX-FOOT BALANCE® WITH D/P FLEXION™

## ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

### FOR COMPLETE FOOT WITH UNITY

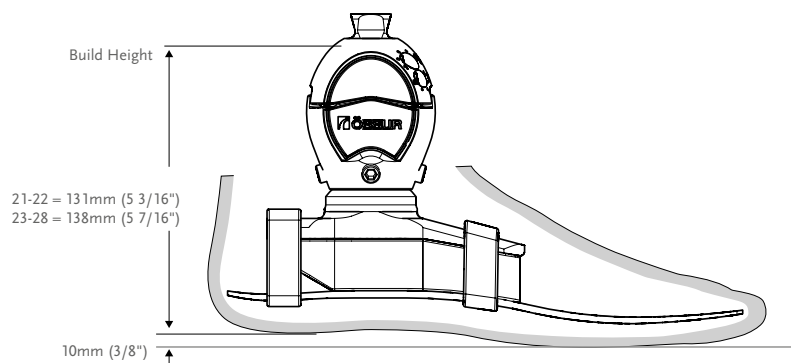


## CATEGORY SELECTION CHART

| Weight kg  | 36-44 | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|-------|--------|---------|---------|---------|---------|
| Weight lbs | 79-98 | 99-135 | 136-176 | 177-214 | 215-251 | 252-300 |
| 21         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 22         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 23         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 24         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 25         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 26         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 27         | N/A   | N/A    | 2       | 3       | 4       | 5       |
| 28         | N/A   | N/A    | 2       | 3       | 4       | 5       |

NOTE: The above categories apply only to Flex-Foot Balance with or without D/P Flexion

## CLEARANCE

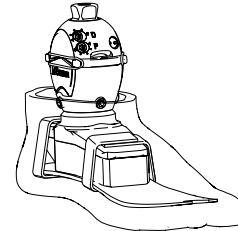
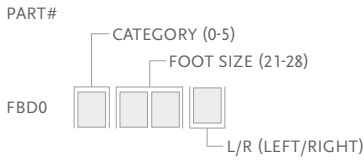


\*Note. Flex-Foot Balance with D/P Flexion with Unity has the same build height as Flex-Foot Balance with D/P Flexion.

# FLEX-FOOT BALANCE® WITH D/P FLEXION™

## KITS

### FLEX-FOOT BALANCE WITH D/P FLEXION



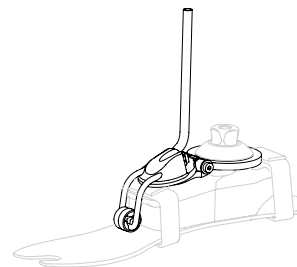
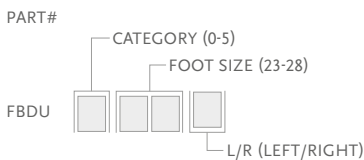
Includes:

- Foot Module with D/P Flexion
- Removable Foot Cover\* with a Spectra Sock

\*For Flex-Foot Balance with D/P flexion with brown foot cover add a "BR" suffix to the part#

## FOOT KITS WITH UNITY

### UNITY FOR FLEX-FOOT BALANCE WITH D/P FLEXION AND UNITY PUMP



Includes:

- Foot Module with D/P Flexion
- Removable Foot Cover\* with a Spectra Sock
- Unity Pump

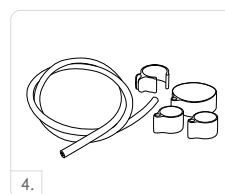
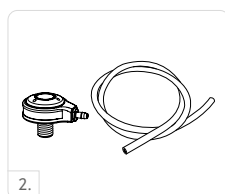
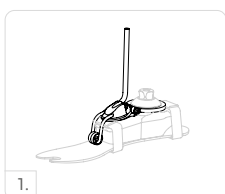
\*For Flex-Foot Balance with D/P flexion with brown foot cover add a "BR" suffix to the part#

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

### UNITY KITS

| Picture | Part#    | Description                     | Applicable Foot Kits         |
|---------|----------|---------------------------------|------------------------------|
|         | UKB0026  | Unity Pump Module K2P-FBP 23-26 | Flex-Foot Balance Size 23-26 |
|         | UKB0028  | Unity Pump Module K2P-FBP 27-28 | Flex-Foot Balance Size 27-28 |
|         | UTT0001  | Unity TT Valve Kit              | All                          |
|         | UTF0001  | Unity TF Valve Kit              | All                          |
|         | UTF0006  | Unity TF Tube Kit               | All                          |
|         | L-544611 | Icelock 544 Kit Unity           | All                          |





# FLEX-FOOT BALANCE® WITH D/P FLEXION™

## UNITY SPARE COMPONENTS

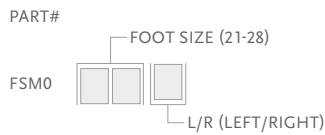
| Part#    | Description             |
|----------|-------------------------|
| UKB00021 | Unity Components, 23-28 |

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



\*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

Includes:

- Foot Cover
- Spectra Sock
- Foot Cover Attachment



### SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# FLEX-FOOT® BALANCE



The Flex-Foot Balance is a comfortable multi-axial foot that combines proven durability and stability with comfort; leading to optimum patient compliance.

Its full length toe lever and multi-axial design offer a smooth transition from heel strike to toe off that is absent in many competitively priced feet.

Unity for Flex-Foot Balance is available either pre-fit with a new foot or as a retrofit option. Used in combination with Iceross® Seal-In® liners, Unity provides advanced vacuum suspension for the socket during ambulation, without the constraints of an external sleeve. It adds minimal weight to the existing prosthesis and its simple mechanical design means there are no batteries to worry about. Reliable, effective and easy to use, it is designed to enhance user acceptance and mobility.



UNITY® VACUUM SUSPENSION SYSTEM

| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low                          |
| Maximum Patient Weight: | 136kg (300lbs)               |



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SANDAL TOE

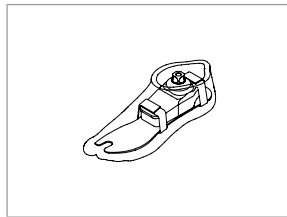
| Foot Information          |  |
|---------------------------|--|
| Categories:               | 0-5                                      |
| Sizes:                    | 21-28                                    |
| Weight of Foot: (Size 27) | 594g (21oz) w/ Pyramid and Foot Cover    |
| Build Height: (Size 27)   | 62mm (2 7/16") w/ Pyramid and Foot Cover |
| Heel Height:              | 10mm (3/8")                              |
| Adapter Options:          | Male Pyramid                             |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Unity Sizes:               | 23-28                               |
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -16-20 inHg                         |
| Added System Weight:       | 100g w/ Pump, Socket Valve and Tube |

# FLEX-FOOT® BALANCE

## ORDERING INFORMATION

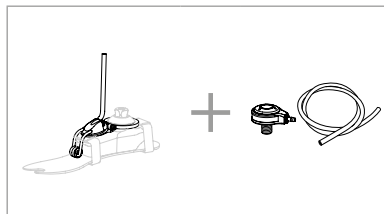
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Icross Seal-In page.

FOR COMPLETE FOOT WITH UNITY



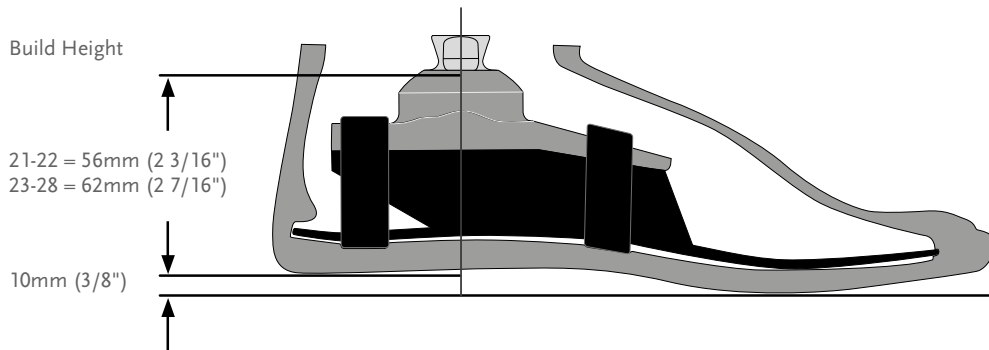
## CATEGORY SELECTION CHART

| Weight kg  | 36-44 | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|-------|--------|---------|---------|---------|---------|
| Weight lbs | 79-97 | 98-134 | 135-176 | 177-214 | 215-251 | 252-300 |
| 21         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 22         | 0     | 1      | N/A     | N/A     | N/A     | N/A     |
| 23         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 24         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 25         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 26         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 27         | N/A   | N/A    | 2       | 3       | 4       | 5       |
| 28         | N/A   | N/A    | 2       | 3       | 4       | 5       |

NOTE: The above categories apply only to Flex-Foot Balance

# FLEX-FOOT® BALANCE

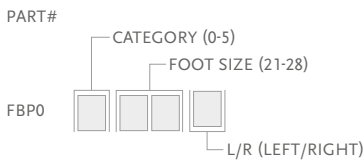
## CLEARANCE



Note. Flex-Foot Balance with Unity has the same build height as Flex-Foot Balance.

## KITS

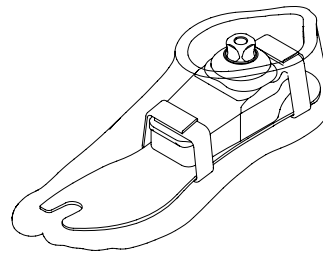
### FLEX-FOOT BALANCE MALE PYRAMID



Includes:

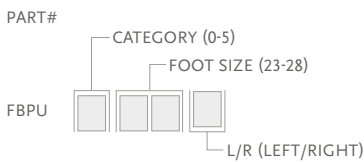
- Foot Module with a Male Pyramid Adapter
- Removable Foot Cover\* with a Spectra Sock

\*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#



## FOOT KITS WITH UNITY

### FLEX-FOOT BALANCE MALE PYRAMID AN UNITY PUMP

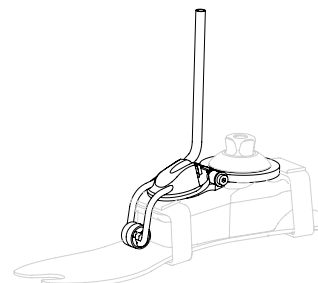


Includes:

- Foot Module with a Male Pyramid Adapter
- Removable Foot Cover\* with a Spectra Sock
- Unity Pump

\*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

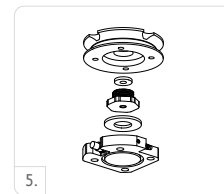
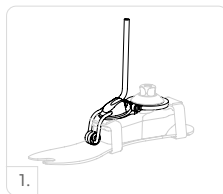


# FLEX-FOOT® BALANCE

## UNITY

### UNITY KITS

| Picture | Part#    | Description                     | Applicable Foot Kits         |
|---------|----------|---------------------------------|------------------------------|
| 1       | UKB0026  | Unity Pump Module K2P-FBP 23-26 | Flex-Foot Balance Size 23-26 |
| 1       | UKB0028  | Unity Pump Module K2P-FBP 27-28 | Flex-Foot Balance Size 27-28 |
| 2       | UTT0001  | Unity TT Valve Kit              | All                          |
| 3       | UTF0001  | Unity TF Valve Kit              | All                          |
| 4       | UTF0006  | Unity TF Tube Kit               | All                          |
| 5       | L-544611 | Icelock 544 Kit Unity           | All                          |



### SPARE COMPONENTS

| Part#    | Description             |
|----------|-------------------------|
| UKB00021 | Unity Components, 23-28 |

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener

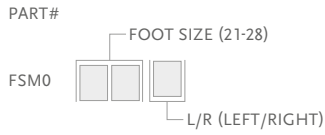
### UNITY CATEGORY SELECTION CHART

| Weight kg  | 36-44 | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|-------|--------|---------|---------|---------|---------|
| Weight lbs | 79-97 | 98-134 | 135-176 | 177-214 | 215-251 | 252-300 |
| 23         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 24         | 0     | 1      | 2       | N/A     | N/A     | N/A     |
| 25         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 26         | N/A   | 1      | 2       | 3       | 4       | 5       |
| 27         | N/A   | N/A    | 2       | 3       | 4       | 5       |
| 28         | N/A   | N/A    | 2       | 3       | 4       | 5       |

NOTE: The above categories apply only to Flex-Foot Balance

# FLEX-FOOT® BALANCE

## FOOT COVER KIT, BEIGE AND BROWN\*



\*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

**Includes:**

- Foot Cover
- Spectra Sock
- Foot Cover Attachment

### SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



## BALANCE™ FOOT J

UNITY  
COMPATIBLE



Balance Foot J is designed to meet the needs of slower speed walkers. It is lightweight with a heel that users perceive stability and cushioning at heel strike. Together with the full-length keel users perceive the Balance J to provide stability and support.

Unity for Balance Foot J is a sleeveless vacuum suspension system designed to stabilize volume fluctuations and maintain comfortable socket fit throughout the day. It is specifically designed for the low active user and in combination with Seal-In technology, it provides secure suspension and volume management. The lightweight foot is perceived to provide stability and cushioning at heel strike and the full-length keel is perceived to provide stability and support dynamics without the restricting effect of an external suspension sleeve. Unity adds minimal weight, no extra build height to the prosthesis and does not interfere with the foot module dynamics.



ÖSSUR FEET

| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low                          |
| Maximum Patient Weight: | 136kg (300lbs)               |



FULL LENGTH  
TOE LEVER



ACTIVE TIBIAL  
PROGRESSION



WEATHERPROOF

| Foot Information                  |   |
|-----------------------------------|---|
| Categories:                       | 1-5   |
| Sizes:                            | 22-30   |
| Weight of Foot: (Size 27, Cat. 2) | 502g (17.7oz) w/ Pyramid and Foot Cover         |
| Build Height: (Size 27)           | 125mm (4 15/16") w/ Male Pyramid and Foot Cover |
| Adapter Options:                  | Male Pyramid                                    |

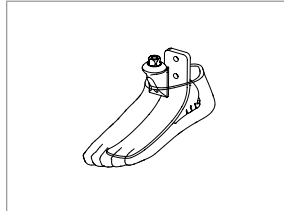
| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -15-18 inHg                         |
| Added System Weight:       | 104g w/ Pump, Socket Valve and Tube |



# BALANCE™ FOOT J

## ORDERING INFORMATION

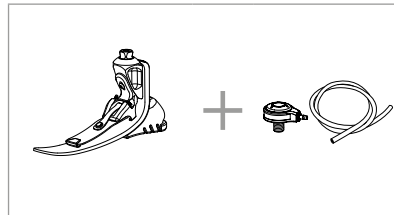
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Icross Seal-In page.

FOR COMPLETE FOOT WITH UNITY



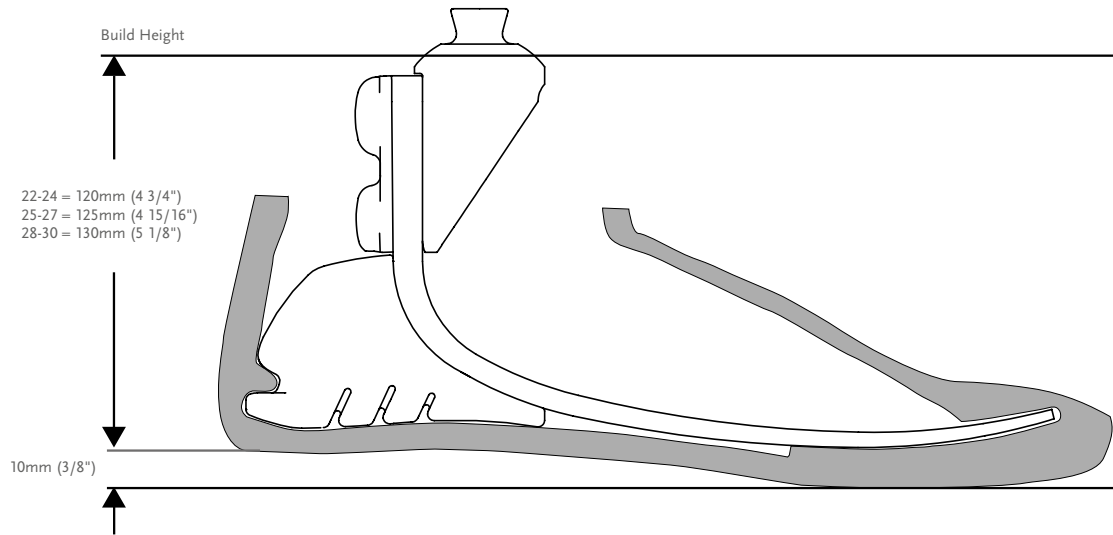
## CATEGORY SELECTION CHART

| Weight kg  | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|--------|---------|---------|---------|---------|
| Weight lbs | 99-135 | 136-176 | 177-214 | 215-251 | 252-300 |
| 22         | 1      | 2       | N/A     | N/A     | N/A     |
| 23         | 1      | 2       | 3       | 4       | N/A     |
| 24         | 1      | 2       | 3       | 4       | N/A     |
| 25         | 1      | 2       | 3       | 4       | 5       |
| 26         | 1      | 2       | 3       | 4       | 5       |
| 27         | 1      | 2       | 3       | 4       | 5       |
| 28         | N/A    | 2       | 3       | 4       | 5       |
| 29         | N/A    | N/A     | 3       | 4       | 5       |
| 30         | N/A    | N/A     | N/A     | 4       | 5       |



# BALANCE™ FOOT J

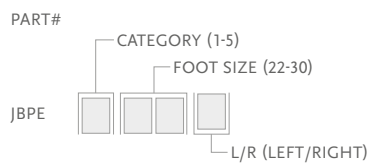
## CLEARANCE



\*Note: Balance Foot J with Unity has the same build height as Balance Foot J.

## KITS

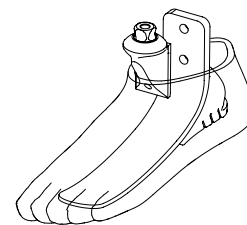
### BALANCE FOOT J WITH MALE PYRAMID



Includes:

- Foot Module with Male Pyramid
- Foot Cover Kit\*

\*For Balance Foot J with brown foot cover, add "BR" to the part#.



## COMPONENTS

### MALE PYRAMID ADAPTER WITH BOLTS

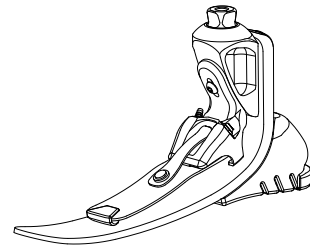
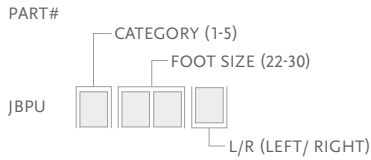
| Part#    | Cat. | Weight     |
|----------|------|------------|
| SFX00165 | 1-5  | 158g 5.6oz |



# BALANCE™ FOOT J

## FOOT KITS WITH UNITY

### BALANCE FOOT J WITH MALE PYRAMID AND UNITY PUMP



Includes:

- Foot Module with Male Pyramid
- Foot Cover Kit\*
- Unity Pump

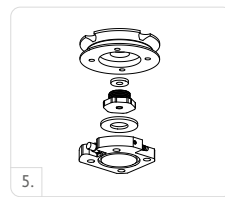
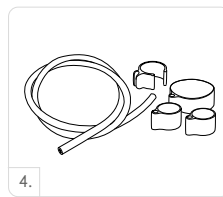
\*For Balance Foot J with brown foot cover, add "BR" to the part#.

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

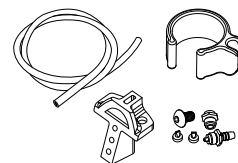
### UNITY KITS

| Picture | Part#    | Description               | Applicable Foot Kits      |
|---------|----------|---------------------------|---------------------------|
| 1       | UFA0024  | FAP-JBP Unity Pump S22-24 | Balance Foot J Size 22-24 |
| 1       | UFA0027  | FAP-JBP Unity Pump S25-27 | Balance Foot J Size 25-27 |
| 1       | UFA0030  | FAP-JBP Unity Pump S28-30 | Balance Foot J Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit        | All                       |
| 3       | UTF0001  | Unity TF Valve Kit        | All                       |
| 4       | UTF0006  | Unity TF Tube Kit         | All                       |
| 5       | L-544611 | Icelock 544 Kit Unity     | All                       |



## UNITY SPARE COMPONENTS

| Part#    | Description                    |
|----------|--------------------------------|
| UFA00021 | Unity FAP-JBP Components 22-24 |
| UFA00022 | Unity FAP-JBP Components 25-27 |
| UFA00023 | Unity FAP-JBP Components 28-30 |



Includes:

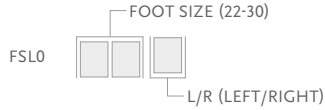
- Pump Blade
- Membrane
- Barb Fittings
- Check valves
- Mounting Screw
- Tube
- Loctite
- Tube clamp

# BALANCE™ FOOT J

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover Kit
- Foot Cover Attachment
- Flex-Foot Sock

\*Please specify when ordering brown covers, add "BR" to the end of the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# FLEX-FOOT®

## FLEX-FOOT CHARACTERISTICS

### PROPORTIONAL RESPONSE

The layering of carbon fiber optimizes the deflection of the forefoot from mid-stance to toe-off and is proportional to the user's weight and impact level.



PROPORTIONAL RESPONSE

### CARBON-X® ACTIVE HEEL

The Carbon-X Active Heel stores and transmits energy throughout stance phase assisting in absorbing shock and transferring stored energy into forward motion.



CARBON-X® ACTIVE HEEL

### FULL LENGTH TOE LEVER

The full-length keel/toe lever matches the length of the sound foot, giving a smoother, symmetrical gait.



FULL LENGTH TOE LEVER

### ACTIVE TIBIAL PROGRESSION

Vertical forces generated at heel contact are initially absorbed and translated into forward motion described as Active Tibial progression.



ACTIVE TIBIAL PROGRESSION

### VERTICAL SHOCK PYLON

The vertical shock pylon reduces trauma to the residual limb, joints and lower back during daily activities.



VERTICAL SHOCK PYLON

### ROTATION

The ability of the foot to absorb rotational forces allows the user to walk with a more natural gait without increasing the shear forces on the residual limb.



ROTATION

### HEEL HEIGHT ADJUSTABILITY

Heel height can be adjusted to various types of shoes.



HEEL HEIGHT ADJUSTABILITY

### MULTI-AXIAL GROUND COMPLIANCE

Multi-axial compliance of the foot provides improved ground contact during ambulation on uneven surfaces.



MULTI-AXIAL GROUND COMPLIANCE

## FLEX-FOOT ASSURE®

UNITY  
COMPATIBLE



Flex-Foot Assure is an ideal first prosthesis, or a more permanent option for low active users. Designed specifically for slower walkers, Flex-Foot Assure incorporates an active heel combined with a full-length keel that work together to protect the vulnerable sound limb. The proven design and simple fit of Assure allows basic ambulators to take advantage of premium technology matched to their needs.

Unity for Flex-Foot Assure is a sleeveless vacuum suspension system designed to stabilize volume fluctuations and maintain comfortable socket fit throughout the day. It is specifically designed for the low to moderate active user and in combination with Seal-In technology, it provides secure suspension and volume management. Unity adds minimal weight, no extra build height to the prosthesis and does not interfere with the foot module dynamics.



ÖSSUR FEET

| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low                          |
| Maximum Patient Weight: | 136kg (300lbs)               |



FULL LENGTH  
TOE LEVER



ACTIVE TIBIAL  
PROGRESSION



WATERPROOF\*



WEATHERPROOF\*\*

\* Flex-Foot Assure with glass tube

\*\* Flex-Foot Assure with pyramid

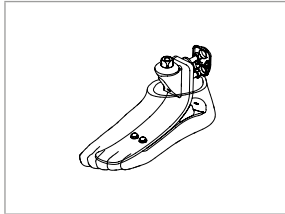
| Foot Information          |  |
|---------------------------|--|
| Categories:               | 1-5  |
| Sizes:                    | 19-30                                      |
| Weight of Foot: (Size 27) | 544g (19.2oz) w/ Pyramid and Foot Cover    |
| Build Height: (Size 27)   | 125mm (4 15/16") w/ Pyramid and Foot Cover |
| Heel Height:              | 10mm (3/8")                                |
| Adapter Options:          | Male Pyramid or Fiberglass Tube            |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Foot Sizes:                | 22-30                               |
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -15-18 inHg                         |
| Added System Weight:       | 104g w/ Pump, Socket Valve and Tube |

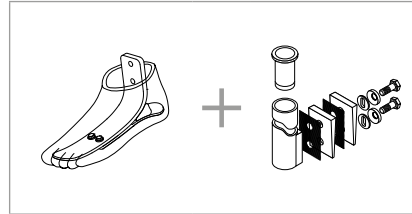
# FLEX-FOOT ASSURE®

## ORDERING INFORMATION

FOR COMPLETE FOOT



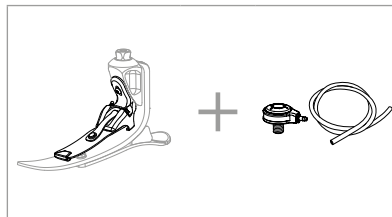
FOR COMPLETE FOOT WITH TUBE



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Icross Seal-In page.

FOR COMPLETE FOOT



## CATEGORY SELECTION CHART

| Weight kg  | 45-61  | 62-80   | 81-97   | 98-114  | 115-136 |
|------------|--------|---------|---------|---------|---------|
| Weight lbs | 99-135 | 136-176 | 177-214 | 215-251 | 252-300 |
| 19-20**    | 1      | 2       | N/A     | N/A     | N/A     |
| 21-22**    | 1      | 2       | N/A     | N/A     | N/A     |
| 23-24      | 1      | 2       | 3       | 4       | N/A     |
| 25-26      | 1      | 2       | 3       | 4       | 5       |
| 27-28      | 1      | 2       | 3       | 4       | 5       |
| 29-30      | N/A    | 2       | 3       | 4       | 5       |

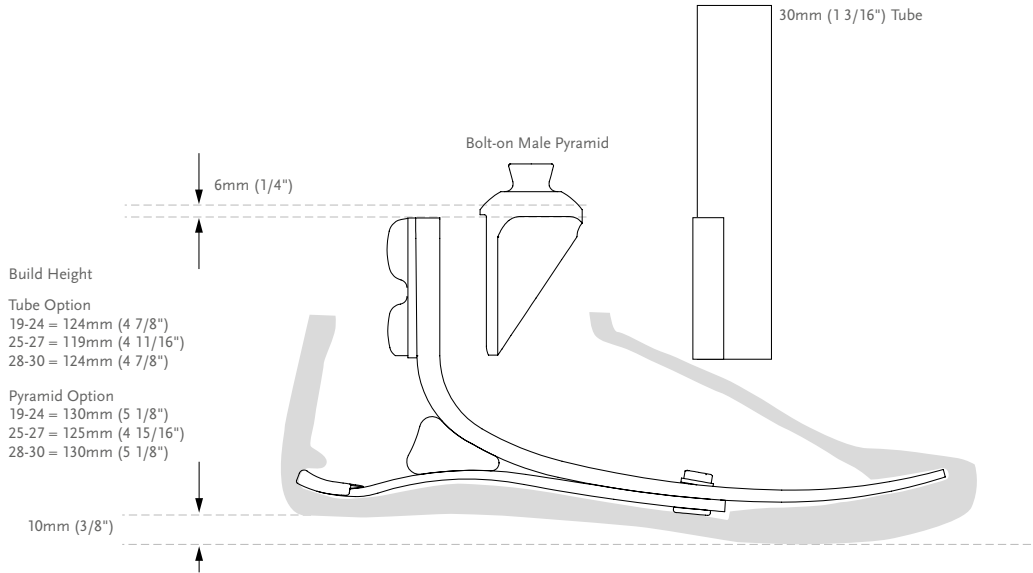
NOTE: The above categories apply only to Flex-Foot Assure

\*All sizes not available for each category

\*\*Unity for Flex-Foot Assure is available from sizes 22 and in all categories.

# FLEX-FOOT ASSURE®

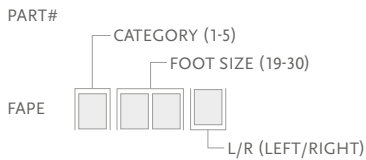
## CLEARANCE



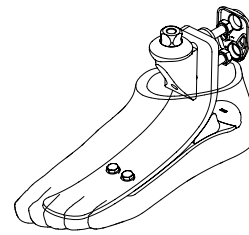
\*Note: Flex-Foot Assure with Unity has the same build height as Flex Foot Assure with a Pyramid Option.

## KITS

### FLEX-FOOT ASSURE KIT WITH MALE PYRAMID

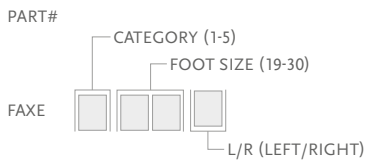


- Includes:
- Foot Module with Male Pyramid
  - Foot Cover Kit\*

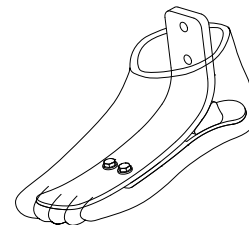


\*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

### FLEX-FOOT ASSURE KIT WITHOUT ADAPTER



- Includes:
- Foot Module
  - Foot Cover Kit\*



\*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

# FLEX-FOOT ASSURE®

## COMPONENTS

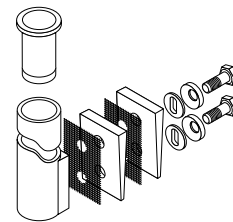
### MALE PYRAMID ADAPTER WITH BOLTS

| Part#    | Cat. | Weight |       |
|----------|------|--------|-------|
| SFX00165 | ALL  | 158g   | 5.6oz |



### 30MM FIBERGLASS TUBE KIT

| Part#    | Cat.  | Wall | Thickness |       | Length |     | Weight |        |
|----------|-------|------|-----------|-------|--------|-----|--------|--------|
| SFX00001 | Red   | 1-3  | 3mm       | 1/8"  | 279mm  | 11" | 292g   | 10.3oz |
| SFX00002 | Red   | 1-3  | 3mm       | 1/8"  | 381mm  | 15" | 333g   | 11.7oz |
| SFX00003 | Green | 4-5  | 4mm       | 3/16" | 279mm  | 11" | 331g   | 11.7oz |
| SFX00004 | Green | 4-5  | 4mm       | 3/16" | 381mm  | 15" | 401g   | 14oz   |

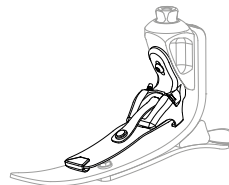
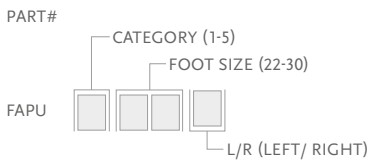


Includes:

- Tube Insert (cat. 4-5)
- Bolts (5/16" UNF)
- Spherical Washers
- Friction Pads
- Loctite 410
- Alignment Wedges

## FOOT KITS WITH UNITY

### FLEX-FOOT ASSURE WITH MALE PYRAMID AND UNITY PUMP



Includes:

- Foot Module with Male Pyramid
- Foot Cover Kit\*
- Unity Pump

\*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

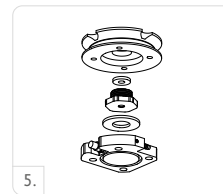


# FLEX-FOOT ASSURE®

## UNITY

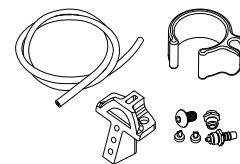
### UNITY KITS

| Picture | Part#    | Description               | Applicable Foot Kits        |
|---------|----------|---------------------------|-----------------------------|
| 1       | UFA0024  | FAP-JBP Unity Pump S22-24 | Flex-Foot Assure Size 22-24 |
| 1       | UFA0027  | FAP-JBP Unity Pump S25-27 | Flex-Foot Assure Size 25-27 |
| 1       | UFA0030  | FAP-JBP Unity Pump S28-30 | Flex-Foot Assure Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit        | All                         |
| 3       | UTF0001  | Unity TF Valve Kit        | All                         |
| 4       | UTF0006  | Unity TF Tube Kit         | All                         |
| 5       | L-544611 | Icelock 544 Kit Unity     | All                         |



## SPARE COMPONENTS

| Part#    | Description                    |
|----------|--------------------------------|
| UFA00021 | Unity FAP-JBP Components 22-24 |
| UFA00022 | Unity FAP-JBP Components 25-27 |
| UFA00023 | Unity FAP-JBP Components 28-30 |

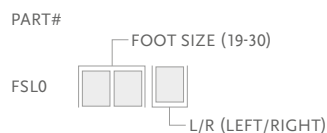


Includes:

- Pump Blade
- Membrane
- Barb Fittings
- Check valves
- Mounting Screw
- Tube
- Loctite
- Tube clamp

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



Includes:

- Foot Cover Kit
- Foot Cover Attachment

\*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

# FLEX-FOOT ASSURE®

## COSMETIC FINISHING

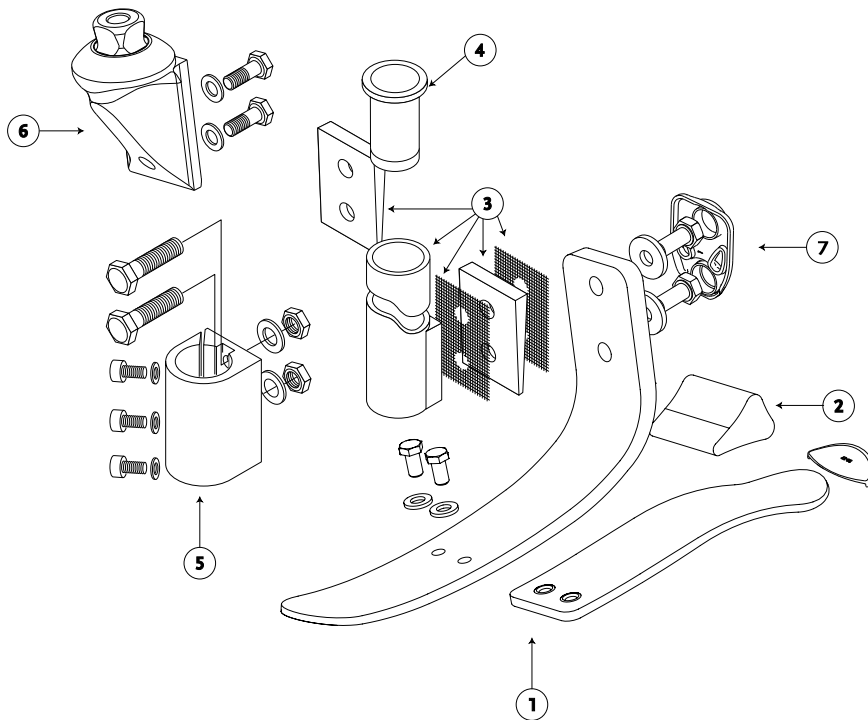
### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 19-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



## DIAGRAM



|    | Description                           |
|----|---------------------------------------|
| 1. | Foot Module                           |
| 2. | Foam Wedge                            |
| 3. | 30mm (1 3/16") Fiberglass Tube Kit    |
| 4. | Tube Insert for SF5-SF6               |
| 5. | 30mm (1 3/16") Alignment Fitting Tool |
| 6. | Male Pyramid                          |
| 7. | Attachment Bolts                      |

# PROPRIO FOOT®



PROPRIO FOOT is an adaptive microprocessor controlled ankle for low to moderately active amputees. Motor-powered ankle motion increases toe clearance in swing phase by raising the forefoot, reducing the risk of trips and falls. It also adjusts the ankle angle to changing terrain, providing stable foot placement on stairs and inclined surfaces.

## KEY FEATURES

- Increased toe clearance in swing
- Automatic terrain adaptation on level-ground, ramps and stairs
- Dynamic carbon foot blade with roll-over characteristics
- Relax-mode for comfortable sitting and chair-exit-mode for easier sit transfers
- Integrated battery
- Weatherproof
- Accompanying Össur Logic app for iOS devices provides:
  - Simple practitioner setup and adjustments, and printable user activity reports
  - User adjustable ankle alignment for changing footwear
  - Selection of user preferences and monitoring of step count and battery charge level



ÖSSUR FEET

| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transtibial and Transfemoral |
| Impact Level:           | Low to Moderate              |
| Maximum Patient Weight: | 125kg (275lbs)               |

| Foot Information                  |                                   |
|-----------------------------------|-----------------------------------|
| Categories:                       | 1-8                               |
| Size:                             | 22-30                             |
| Weight of Foot (Size 27, Cat. 5): | 1.5 kg (3.3 lbs) incl. Foot Cover |
| Heel Height Adjustability:        | Up to 50mm (2")                   |
| Build Height (Size 27, Cat. 5):   | 180 mm (7 1/16")                  |



SANDAL TOE



HEEL HEIGHT ADJUSTABILITY



SPLIT TOE



ANATOMICAL FOOT



WEATHERPROOF

| Unity System Information   |   |
|----------------------------|---|
| Unity Size:                | 25-30   |
| Maximum Vacuum:            | -23inHg (-600mmHg)                                |
| Normal Operating Pressure: | -16-20 inHg                                       |
| Added System Weight:       | Approximately 130g w/ Pump, Socket Valve and Tube |

# PROPRIO FOOT®

## ORDERING INFORMATION

### CATEGORY SELECTION GUIDE

|                       |        |         |         |         |         |         |         |         |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg             | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-125 |
| Weight lbs            | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-275 |
| Low Impact Level      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       |
| Moderate Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       |

### SELECTION CHART FOR PRODUCT VARIANTS

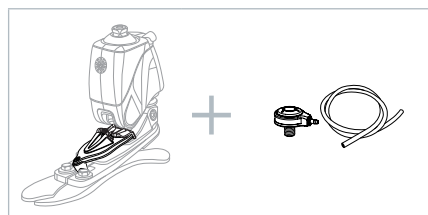
| Category | 1                                    | 2 | 3 | 4 | 5 | 6   | 7 | 8 |     |
|----------|--------------------------------------|---|---|---|---|-----|---|---|-----|
| Size 22  | FSF Foot Cover<br>No Unity available |   |   |   |   | N/A |   |   |     |
| Size 23  |                                      |   |   |   |   |     |   |   |     |
| Size 24  |                                      |   |   |   |   |     |   |   |     |
| Size 25  | FST Foot Cover<br>Unity available    |   |   |   |   |     |   |   |     |
| Size 26  |                                      |   |   |   |   |     |   |   |     |
| Size 27  |                                      |   |   |   |   |     |   |   |     |
| Size 28  |                                      |   |   |   |   |     |   |   | N/A |
| Size 29  |                                      |   |   |   |   |     |   |   |     |
| Size 30  |                                      |   |   |   |   |     |   |   |     |

FOR COMPLETE FOOT



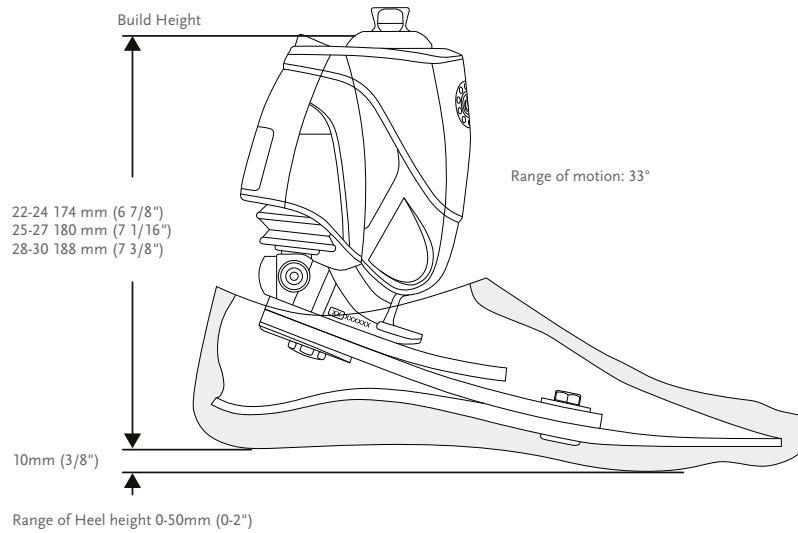
Unity can be ordered with PROPRIO FOOT in sizes 25 and above. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

FOR COMPLETE FOOT WITH UNITY



# PROPRIO FOOT®

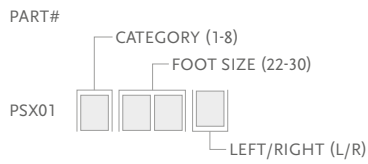
## CLEARANCE



ÖSSUR FEET

## KITS

### PROPRIO FOOT



Includes:

- Removable Foot Cover with Black Spectra Sock

\*For PROPRIO FOOT with brown foot cover add a "BR" suffix to the part number.

## COMPONENTS

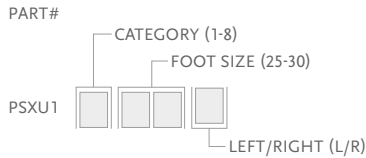
| Part#    | Description      |
|----------|------------------|
| PRX00421 | Power Supply Kit |



# PROPRIO FOOT®

## FOOT KITS WITH UNITY

### PROPRIO FOOT WITH UNITY



Includes:

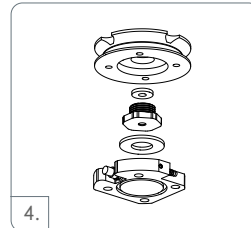
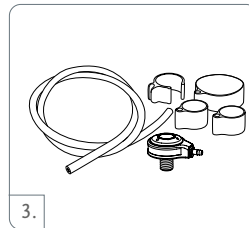
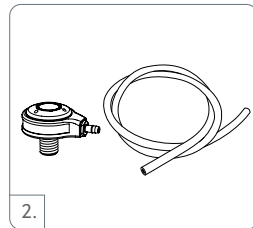
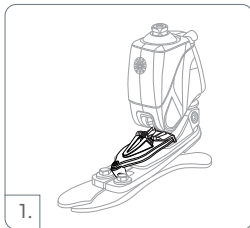
- Removable Foot Cover with Black Spectra Sock
- Unity Pump

\*For PROPRIO FOOT with brown foot cover add a "BR" suffix to the part number.  
 Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

### UNITY KITS

| Picture | Part#    | Description                  | Applicable Foot Kits                          |
|---------|----------|------------------------------|---|
| 1       | UPS0530  | Unity for PROPRIO FOOT Small | Size 25-27 / Cat. 1-5                         |
| 1       | UPS0630  | Unity for PROPRIO FOOT Large | Size 25-27 / Cat. 6-8 & Size 28-30 / Cat. 1-8 |
| 2       | UTT0001  | Unity TT Valve Kit           | All   |
| 3       | UTF0001  | Unity TF Valve Kit           | All   |
| 4       | L-544611 | Icelock 544 Kit              | All   |

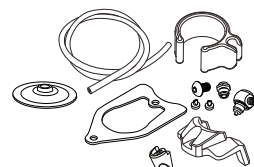


## UNITY SPARE COMPONENTS

| Part#    | Description                 | Applicable Foot Kits                          |
|----------|-----------------------------|---|
| UPS00024 | Replacement Kit for Unity S | Size 25-27 / Cat. 1-5                         |
| UPS00025 | Replacement Kit for Unity L | Size 25-27 / Cat. 6-8 & Size 28-30 / Cat. 1-8 |

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

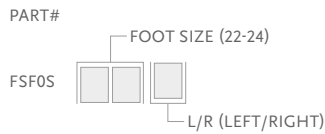


# PROPRIO FOOT®

## REPLACEMENT PARTS

Please refer to “Selection Chart for Product Variants” table for selection of foot covers

### FSF - FOOT COVER KIT, BEIGE AND BROWN\*

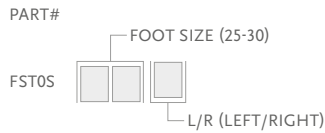


Includes:

- Foot Cover\*
- Foot Cover Attachment
- Black Spectra Sock

\*For brown foot cover please add a “BR” suffix to the part number.

### FST - FOOT COVER KIT, BEIGE AND BROWN\*



Includes:

- Foot Cover
- Foot Cover Attachment
- Black Spectra Sock

\*For brown foot cover please add a “BR” suffix to the part number.

### SPECTRA SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#    | Description             | Size  | Color |
|----------|-------------------------|-------|-------|
| FCX64022 | Spectra Sock Small 1 pc | 22-25 | Black |
| FCZ64026 | Spectra Sock Large 1 pc | 26-30 | Black |



## EXTENDED WARRANTY

### PROPRIO FOOT KIT EXTENDED WARRANTY\*

| Part#     | Description                            |
|-----------|--|
| PSXGE1Y   | 1 Year Extended Warranty               |
| PSXGE2Y   | 2 Year Extended Warranty               |
| PSXGE3Y   | 3 Year Extended Warranty               |
| PSXSCAW   | Voluntary after Warranty Service Check |
| PSX1SC20M | 20 Months Voluntary Service Check      |
| PSX1SC40M | 40 Months Service Check                |

\* Initial PROPRIO FOOT limited warranty period: 24 months. Extended warranty is available for purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years, must be purchased within one year of original purchase date.

# TALUX®



The tarsal core and Achilles Strap provide multi-axial function, while the Dual J-Springs enhances forward motion, giving users balance.

Emulating many of the anatomical features of the human foot, the Talux has been specially designed to provide fluid, natural walking motion in a variety of terrains, for users of low to moderate activity. Talux now comes with a sandal toe for ease of footwear selection.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to Moderate              |
| Maximum Patient Weight: | 147kg (324lbs)               |



FULL LENGTH TOE LEVER



ACTIVE TIBIAL PROGRESSION



MULTI-AXIAL GROUND COMPLIANCE

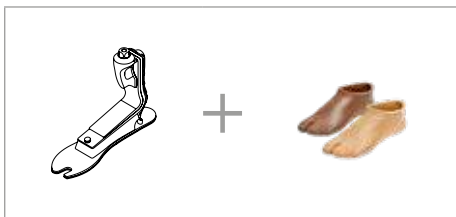


SANDAL TOE

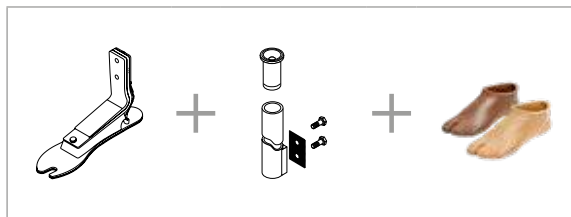
| Foot Information          |   |
|---------------------------|---|
| Categories:               | 1-8                                       |
| Sizes:                    | 23-30                                     |
| Weight of Foot: (Size 27) | 860g (30.3oz) w/ Pyramid and Foot Cover   |
| Build Height: (Size 27)   | 182mm (7 3/16") w/ Pyramid and Foot Cover |
| Heel Height:              | 10mm (3/8")                               |
| Adapter Options:          | Male Pyramid or Tube Kit                  |

## ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID



FOR COMPLETE FOOT WITH CARBON FIBER TUBE



FOR COMPLETE FOOT WITHOUT ADAPTER





# TALUX®

## CATEGORY SELECTION CHART

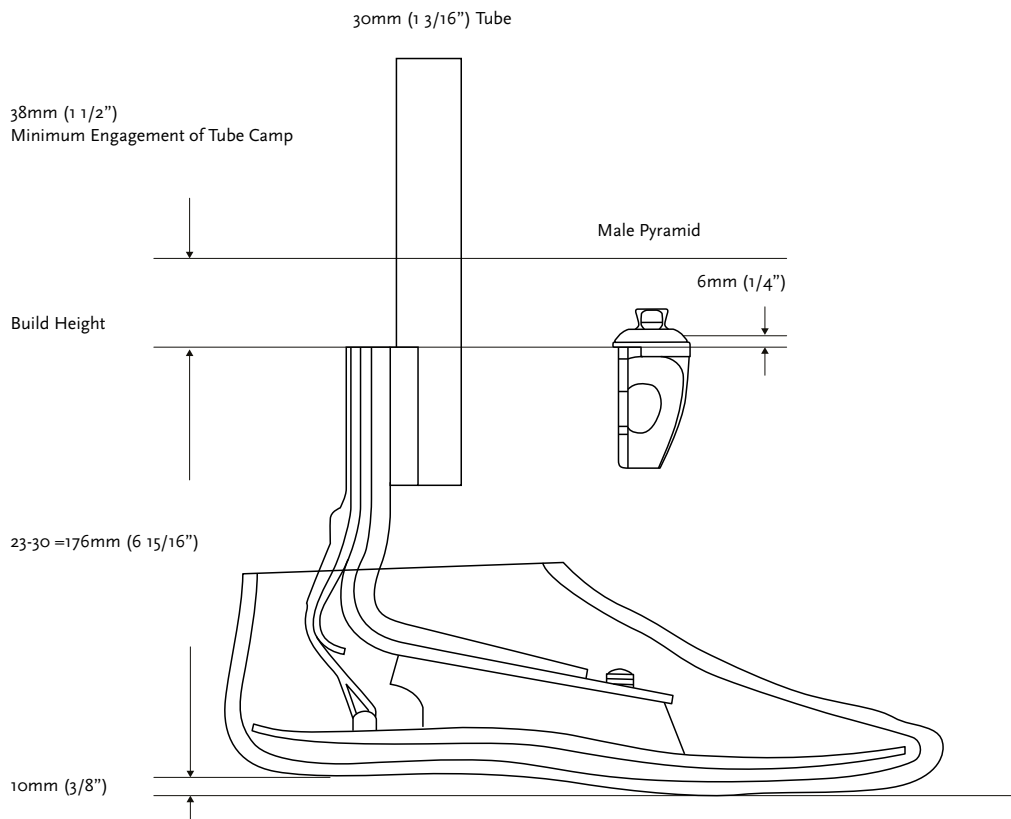
### LOW IMPACT

| Weight kg  | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
|------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 |
| 23-24      | 1      | 1       | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     |
| 25-26      | N/A    | N/A     | 2       | 3       | 4       | 5       | 6       | 7       | N/A     |
| 27-28      | N/A    | N/A     | N/A     | 3       | 4       | 5       | 6       | 7       | 8       |
| 29-30      | N/A    | N/A     | N/A     | N/A     | 4       | 5       | 6       | 7       | 8       |

### MODERATE IMPACT

| Weight kg  | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
|------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 |
| 23-24      | 1      | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     | N/A     |
| 25-26      | N/A    | 2       | 3       | 4       | 5       | 6       | 7       | N/A     | N/A     |
| 27-28      | N/A    | N/A     | 3       | 4       | 5       | 6       | 7       | 8       | N/A     |
| 29-30      | N/A    | N/A     | N/A     | 4       | 5       | 6       | 7       | 8       | N/A     |

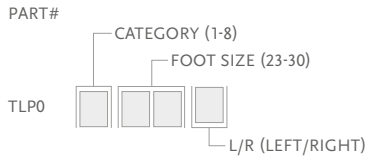
## CLEARANCE



# TALUX®

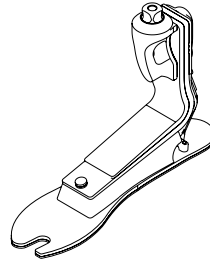
## KITS

### TALUX MALE PYRAMID OPTION

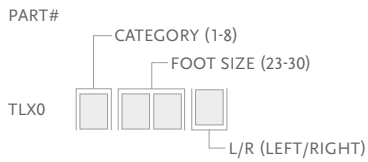


Includes:

- Foot Module
- Achilles Strap
- Tarsal Core
- Attachment Hardware
- Male Pyramid

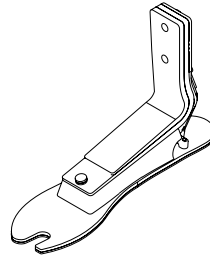


### TALUX WITHOUT ADAPTER



Includes:

- Foot Module
- Achilles Strap
- Tarsal Core
- Attachment Hardware



# TALUX®

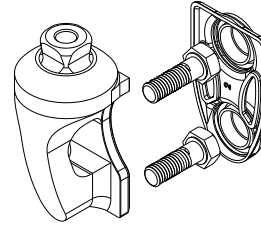
## KITS

### MALE PYRAMID ADAPTER KITS

| Part#      | Weight |       | Cat. |
|------------|--------|-------|------|
| FFC2210003 | 180g   | 6.3oz | 1-6  |
| FFC2210004 | 220g   | 7.8oz | 7-8  |

Includes:

- Pyramid
- Bolt Caps
- Hardware (M8 or M10 bolts)
- Loctite 410



# TALUX®

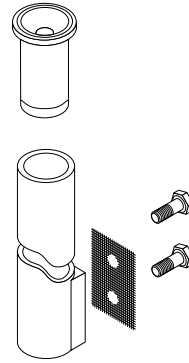
## KITS

### 30MM (1 3/16") CARBON FIBER TUBE KIT

| Part#    | Weight |        | Length |     | Cat. |
|----------|--------|--------|--------|-----|------|
| TLX01011 | 216g   | 7.6oz  | 229mm  | 9"  | 1-6  |
| TLX01012 | 275g   | 9.7oz  | 229mm  | 9"  | 7-8  |
| TLX01013 | 293g   | 10.3oz | 381mm  | 15" | 1-6  |
| TLX01014 | 369g   | 13oz   | 381mm  | 15" | 7-8  |

**Includes:**

- Carbon Fiber Tube
- Attachment Hardware ( 5/16" UNF bolts)
- Friction Pads
- Loctite
- Tube Insert (cat. 7-8)

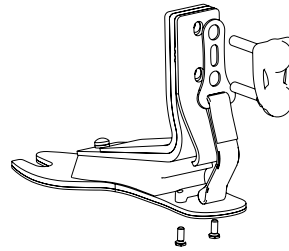


### ACHILLES STRAP KITS

| Part#    | Cat. | Foot Size |
|----------|------|-----------|
| TLX01002 | 1-6  | 23-26     |
| TLX01003 | 1-6  | 27-28     |
| TLX01004 | 7-8  | 23-26     |
| TLX01005 | 7-8  | 27-30     |

**Includes:**

- Strap
- Hanger
- Pin
- Bolts

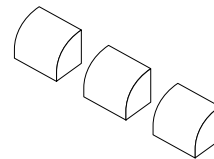


### HEEL WEDGE KIT

| Part#    | Description    |
|----------|----------------|
| TLX01001 | Heel Wedge Kit |

**Includes:**

- 3 Wedges
- Adhesive



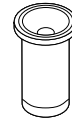
# TALUX®

## COMPONENTS

### TUBE INSERT

| Part#    | Weight |       | Diameter |         | Cat. |
|----------|--------|-------|----------|---------|------|
| A-718009 | 18g    | 0.6oz | 30mm     | 1 3/16" | 7-8  |

| Part#    | Description       |
|----------|-------------------|
| CM160016 | Loctite 410 black |



### ATTACHMENT BOLTS FOR 30MM (1 3/16") TUBE

| Part#    | Cat. | Size       | Length |
|----------|------|------------|--------|
| CM130219 | 1-6  | 24 x 5/16" | 1 3/4" |
| CM130213 | 7-9  | 24 x 3/8"  | 1 3/4" |

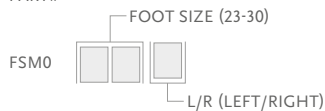
### ATTACHMENT BOLTS FOR PYRAMID

| Part#    | Cat. | Size | Length |        |
|----------|------|------|--------|--------|
| CM130234 | 1-6  | M8   | 35mm   | 1 3/8" |
| CM130223 | 7-8  | M10  | 35mm   | 1 3/8" |

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover
- Attachment Plate
- Spectra Sock

\*Please specify when ordering brown covers add "BR" to the part#.

### FLEX-FOOT SOCKS

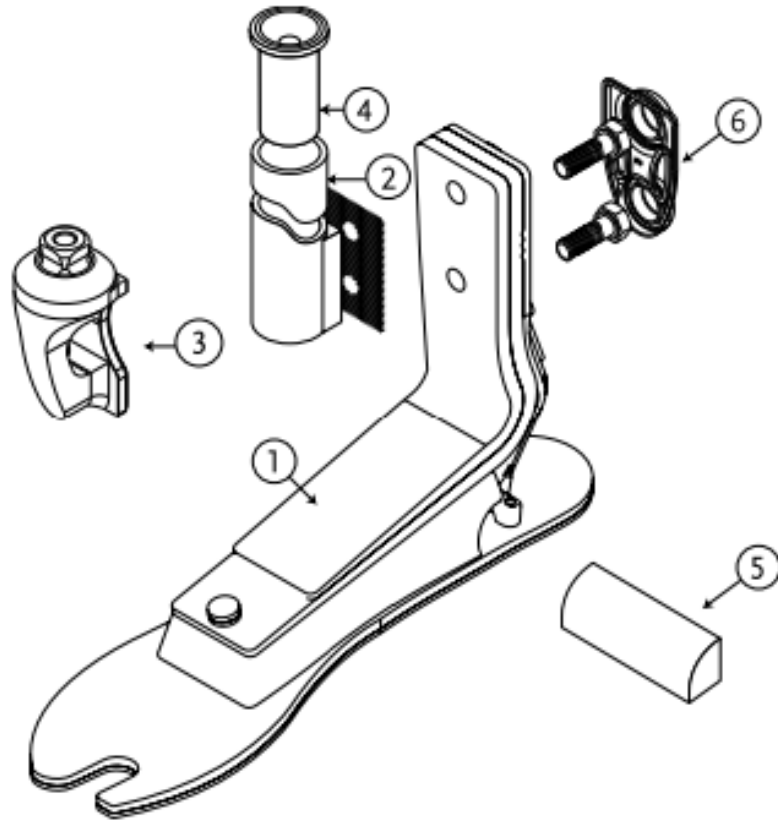
Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# TALUX®

## DIAGRAM



|    | Description                 |
|----|-----------------------------|
| 1. | Foot Module                 |
| 2. | 30mm Carbon Fiber Tube Kits |
| 3. | Bolt-On Male Pyramid        |
| 4. | Tube Insert                 |
| 5. | Talux Wedge Kit             |
| 6. | Plastic Cap                 |

## PRO-FLEX® PIVOT

UNITY  
COMPATIBLE



Combining an incredible 27° ankle motion and significantly greater ankle power than a conventional carbon fiber foot, Pro-Flex Pivot has been developed specifically to enhance protection of the sound side. It closely mimics regular biomechanics, delivering a proven 11% reduction in load on the contralateral limb. \*

- 27° ankle motion
- Helps reduce load on contralateral limb by 11%
- Innovative pivot mechanism
- Aesthetically pleasing, anatomical footcover

Össur recommends using Pro-Flex Pivot in conjunction with the sleeveless vacuum suspension system Unity®, which adds minimal weight and no extra build height, and does not interfere with Pro-Flex Pivot dynamics. Unity is designed to provide secure suspension in combination with Icross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.



ÖSSUR FEET

| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to Moderate              |
| Maximum Patient Weight: | 125 kg (275 lbs)             |

| Unity System Information   |  |
|----------------------------|--|
| Maximum Vacuum:            | -23inHg (-600mmHg)                           |
| Normal Operating Pressure: | -16-20 inHg                                  |
| Added System Weight:       | 75g (0,17lbs) w/ Pump, Socket Valve and Tube |

| Foot information                  |                              |
|-----------------------------------|------------------------------|
| Categories:                       | 1-7                          |
| Sizes:                            | 22-30                        |
| Weight of Foot: (Size 27, Cat. 5) | 920g (2,02lbs) w/ Foot Cover |
| Build Height: (Size 27)           | 155mm (6 1/8")               |
| Heel Height:                      | 10mm (3/8")                  |
| Adapter Options:                  | Male Pyramid                 |



WEATHERPROOF



ANATOMICAL FOOT



SANDAL TOE



PIVOT TECHNOLOGY

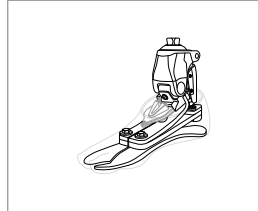
\* 1 : Heitzmann DW, Salami F, De Asha AR, Block J, Putz C, Wolf SI, Alimusaj M. Benefits of an increased prosthetic ankle range of motion for individuals with a trans-tibial amputation walking with a new prosthetic foot. Gait & posture. 2018 Jul 1;64:174-80 .



# PRO-FLEX® PIVOT

## ORDERING INFORMATION

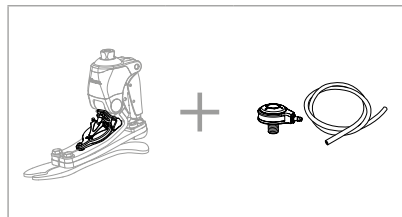
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY



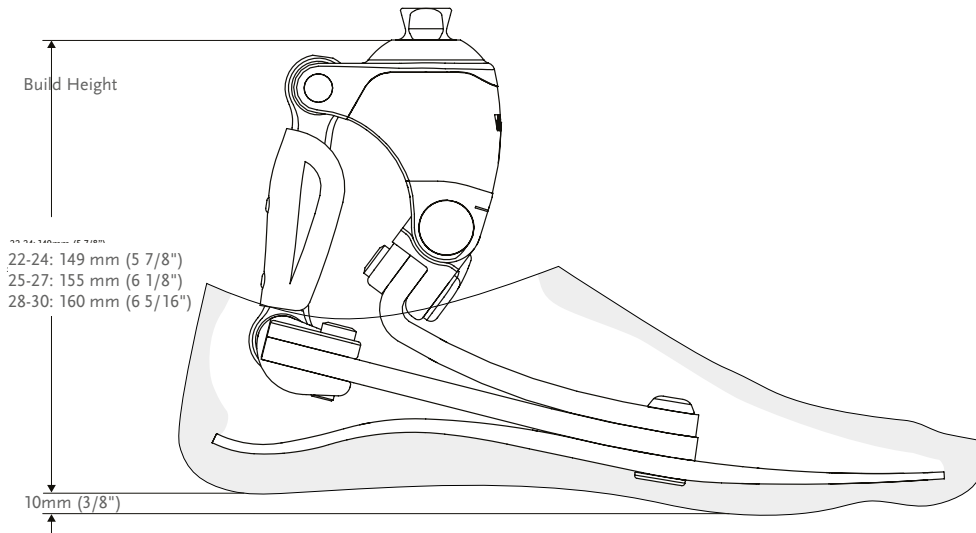
## CATEGORY SELECTION CHART

| Weight kg                       | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-125 |
|---------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs                      | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-275 |
| <b>Low Impact Category</b>      |        |         |         |         |         |         |         |         |
| Sizes 22                        | 1      | 1       | 2       | 3       | 4       | N/A     | N/A     | N/A     |
| Sizes 23-24                     | 1      | 1       | 2       | 3       | 4       | 5       | N/A     | N/A     |
| Sizes 25-26                     | 2      | 2       | 2       | 3       | 4       | 5       | 6       | 7       |
| Sizes 27-28                     | N/A    | N/A     | N/A     | 3       | 4       | 5       | 6       | 7       |
| Sizes 29-30                     | N/A    | N/A     | N/A     | N/A     | 4       | 5       | 6       | 7       |
| <b>Moderate Impact Category</b> |        |         |         |         |         |         |         |         |
| Sizes 22                        | 1      | 2       | 3       | 4       | N/A     | N/A     | N/A     | N/A     |
| Sizes 23-24                     | 1      | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     |
| Sizes 25-26                     | 2      | 2       | 3       | 4       | 5       | 6       | 7       | N/A     |
| Sizes 27-28                     | N/A    | N/A     | 3       | 4       | 5       | 6       | 7       | N/A     |
| Sizes 29-30                     | N/A    | N/A     | N/A     | 4       | 5       | 6       | 7       | N/A     |



# PRO-FLEX® PIVOT

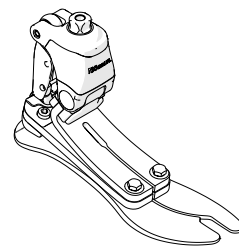
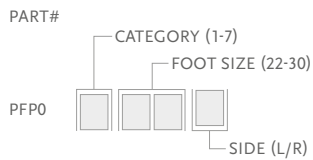
## CLEARANCE



\*Note: Pro-Flex Pivot with Unity has the same build height as Pro-Flex Pivot.

## KITS

### PRO-FLEX PIVOT



Includes:

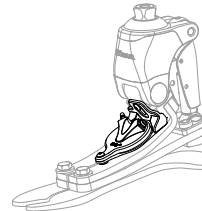
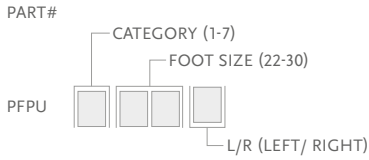
- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

\*For Pro-Flex Pivot with brown foot cover add a "BR" suffix to the part#.

# PRO-FLEX® PIVOT

## FOOT KITS WITH UNITY

### PRO-FLEX PIVOT AND UNITY PUMP



Includes:

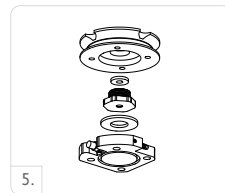
- Foot Module
- Removable Foot Cover\* with a black Spectra Sock
- Unity Pump

\*For Pro-Flex Pivot with brown foot cover add a "BR" suffix to the part#

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

| Picture | Part#    | Description           | Applicable Foot Kits      |
|---------|----------|-----------------------|---------------------------|
| 1       | UPF0001  | PFP Unity Pump S22-30 | Pro-Flex Pivot Size 22-30 |
| 2       | UTT0001  | Unity TT Valve Kit    | All                       |
| 3       | UTF0001  | Unity TF Valve Kit    | All                       |
| 4       | UTF0006  | Unity TF Tube Kit     | All                       |
| 5       | L-5446XX | Icelock 544 Kit       | All                       |

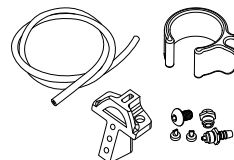


## UNITY SPARE COMPONENTS

| Part#    | Description                |
|----------|----------------------------|
| UPF00011 | Unity PFP Components 22-30 |

Includes:

- Bumper
- Membrane
- Mounting Screws
- Loctite

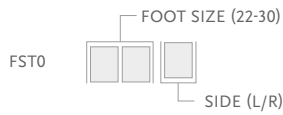


# PRO-FLEX® PIVOT

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Footcover
- Footcover Attachment
- Black Spectra Sock

\*For brown foot cover please add a "BR" suffix to the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# PRO-FLEX® XC

UNITY  
COMPATIBLE



Pro-Flex XC has been developed to comfortably accommodate the relatively active user, who enjoys hiking and jogging, as well as level-ground walking. Comes with an aesthetically pleasing, anatomical footcover and integrated male pyramid.

Unity for Pro-Flex XC is available either pre-fit with a new foot or as a retrofit option. Used in combination with Iceross® Seal-In® liners, Unity provides advanced vacuum suspension for the socket during ambulation, without the constraints of an external sleeve. It adds minimal weight to the existing prosthesis and its simple mechanical design means there are no batteries to worry about. Reliable, effective and easy to use, it is designed to improve balance and prevent skin problems.



ÖSSUR FEET

| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 166kg (365lbs)               |



ACTIVE TIBIAL PROGRESSION



SPLIT TOE



SANDAL TOE



ANATOMICAL FOOT



WEATHERPROOF

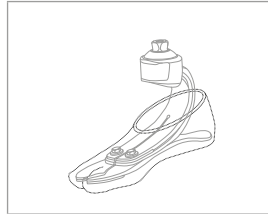
| Foot information          |   |
|---------------------------|---|
| Categories:               | 1-9   |
| Size:                     | 22-30   |
| Weight of Foot: (Size 27) | 670g (1,47 lbs) w/ Foot Cover and Sock        |
| Build Height: (Size 27)   | 155mm (6 1/8") w/ Male Pyramid and Foot Cover |
| Heel Height:              | 10mm (3/8")                                   |
| Adapter Options:          | Male Pyramid                                  |

| Unity System Information   |   |
|----------------------------|---|
| Maximum Vacuum:            | -23inHg (-600mmHg)                            |
| Normal Operating Pressure: | -16-20 inHg                                   |
| Added System Weight:       | 91g (0,20 lbs) w/ Pump, Socket Valve and Tube |

# PRO-FLEX® XC

## ORDERING INFORMATION

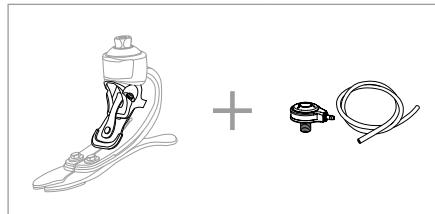
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

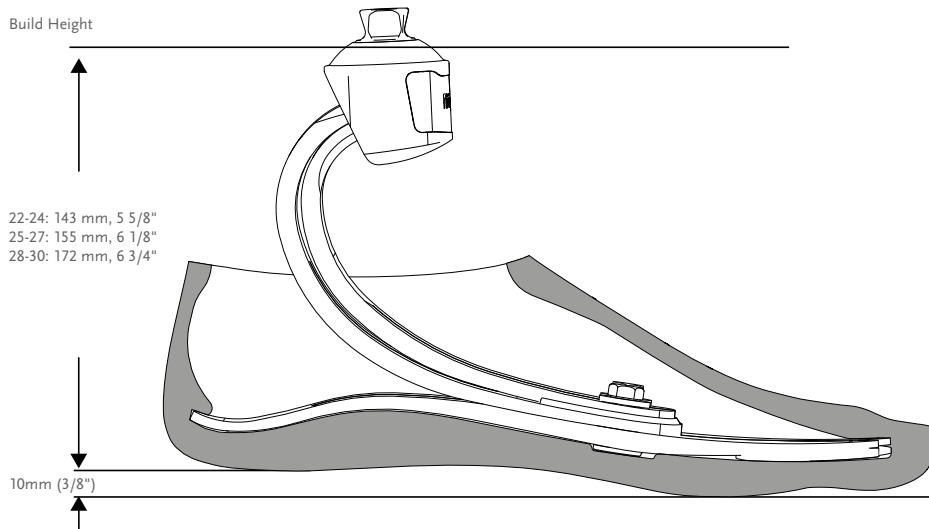


## CATEGORY SELECTION CHART

| Weight kg                       | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 | 148-166 |
|---------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs                      | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 | 325-365 |
| <b>Low Impact Category</b>      |        |         |         |         |         |         |         |         |         |         |
| Sizes 22-24                     | 1      | 1       | 2       | 3       | 4       | 5       | 6       | N/A     | N/A     | N/A     |
| Sizes 25-27                     | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| Sizes 28-30                     | 3      | 3       | 3       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| <b>Moderate Impact Category</b> |        |         |         |         |         |         |         |         |         |         |
| Sizes 22-24                     | 1      | 2       | 3       | 4       | 5       | 6       | N/A     | N/A     | N/A     | N/A     |
| Sizes 25-27                     | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |
| Sizes 28-30                     | 3      | 3       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |
| <b>High Impact Category</b>     |        |         |         |         |         |         |         |         |         |         |
| Sizes 22-24                     | 2      | 3       | 4       | 5       | 6       | N/A     | N/A     | N/A     | N/A     | N/A     |
| Sizes 25-27                     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     | N/A     |
| Sizes 28-30                     | 3      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     | N/A     |

# PRO-FLEX® XC

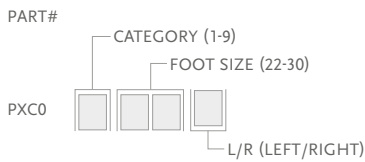
## CLEARANCE



\*Note: Pro-Flex XC with Unity has the same build height as Pro-Flex XC.

## KITS

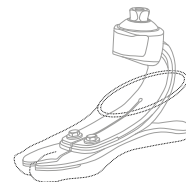
### PRO-FLEX XC WITH MALE PYRAMID



Includes:

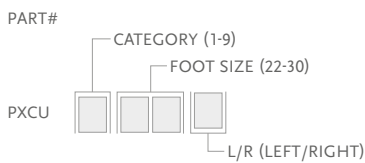
- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

\*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.



### FOOT KITS WITH UNITY

#### PRO-FLEX XC WITH MALE PYRAMID AND UNITY PUMP

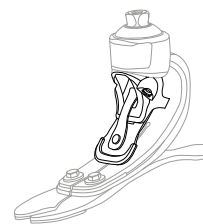


Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock
- Unity Pump

\*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

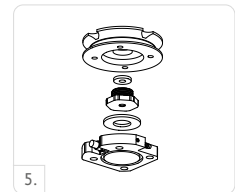
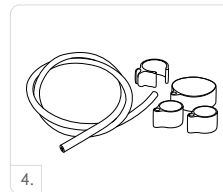


# PRO-FLEX® XC

## UNITY

### UNITY KITS

| Picture | Part#    | Description           | Applicable Foot Kits   |
|---------|----------|-----------------------|------------------------|
| 1       | UPC0024  | PXC Unity pump S22-24 | Pro-Flex XC Size 22-24 |
| 1       | UPC0027  | PXC Unity pump S25-27 | Pro-Flex XC Size 25-27 |
| 1       | UPC0030  | PXC Unity pump S28-30 | Pro-Flex XC Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit    | All                    |
| 3       | UTF0001  | Unity TF Valve Kit    | All                    |
| 4       | UTF0006  | Unity TF Tube Kit     | All                    |
| 5       | L-544611 | Icelock 544 Kit Unity | All                    |

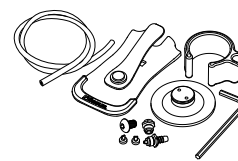


### UNITY SPARE COMPONENTS

| Part#    | Description                 |
|----------|-----------------------------|
| UPC00021 | PXC Unity Components S22-24 |
| UPC00022 | PXC Unity Components S25-27 |
| UPC00023 | PXC Unity Components S28-30 |

Includes:

- Pump Blade
- Membrane
- Barb Fittings
- Check valves
- Mounting Screw
- Tube
- Loctite
- Hex key

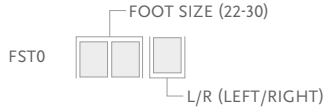


# PRO-FLEX® XC

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover\*
- Foot Cover Attachment
- Black Spectra Sock

\*For brown foot cover please add a "BR" suffix to the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.



| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



## PRO-FLEX® XC TORSION



Pro-Flex XC has been developed to comfortably support the active user who enjoys hiking and jogging, as well as level-ground walking.

Pro-Flex XC Torsion combines the Pro-Flex XC features of energy return and smooth roll-over, with valuable shock absorption and rotational capabilities. The sole blade offers a effective full-length toe, and a wider foot blade than traditional feet.

The foot is designed for active users who want to use a single, lightweight foot for their normal daily life, as well as a range of higher impact activities.

Less load and more dynamics means that amputees can enjoy greater comfort in a wide range of activities. The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces, and a sandal-clamping toe for a range of footwear including flip flops.

Össur recommends using Pro-Flex XC Torsion together with the Unity sleeveless vacuum suspension system. This adds minimal weight, no extra build height, and does not interfere with the Pro-Flex XC Torsion dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.

**UNITY**  
COMPATIBLE



ÖSSUR FEET

| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 147kg (324 lbs)              |



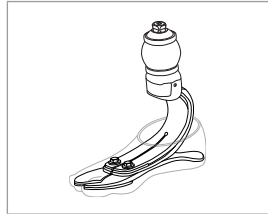
| Foot information                |   |
|---------------------------------|---|
| Categories:                     | 1-8   |
| Size:                           | 22-30   |
| Weight of Foot: (Size 27, cat5) | 1035 g (2,28 lbs) w/ Foot Cover and Sock      |
| Build Height: (Size 27)         | 222mm (8 3/4") w/ Male Pyramid and Foot Cover |
| Heel Height:                    | 10mm (3/8")                                   |
| Adapter Options:                | Male Pyramid                                  |

| Unity System Information   |  |
|----------------------------|--|
| Maximum Vacuum:            | -23inHg (-600mmHg)                             |
| Normal Operating Pressure: | -16-20 inHg                                    |
| Added System Weight:       | 91 g (0,20 lbs) w/ Pump, Socket Valve and Tube |

# PRO-FLEX® XC TORSION

## ORDERING INFORMATION

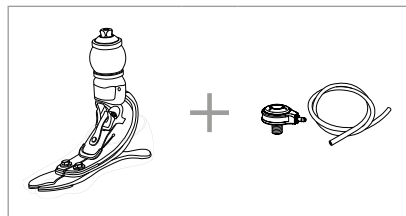
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

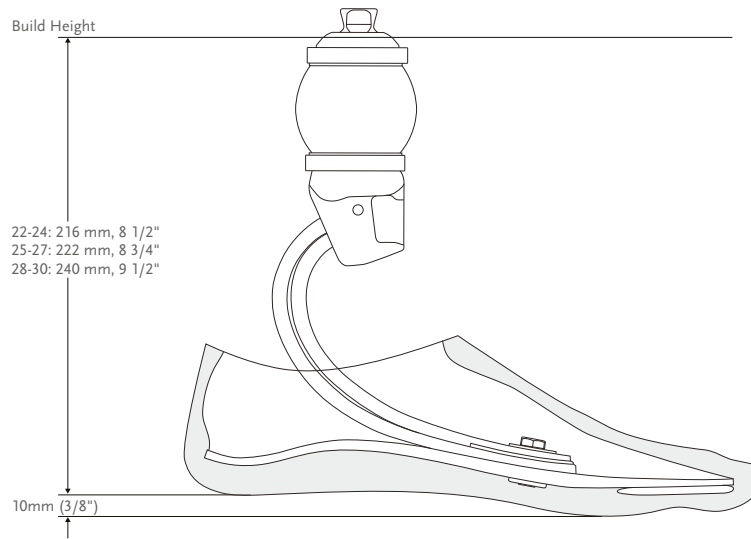


## CATEGORY SELECTION CHART

| Weight kg                       | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
|---------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs                      | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 222-256 | 257-287 | 288-324 |
| <b>Low Impact Category</b>      |        |         |         |         |         |         |         |         |         |
| Size 22-24                      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | N/A     | N/A     |
| Size 25-27                      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
| Size 28-30                      | 3      | 3       | 3       | 3       | 4       | 5       | 6       | 7       | 8       |
| <b>Moderate Impact Category</b> |        |         |         |         |         |         |         |         |         |
| Size 22-24                      | 1      | 2       | 3       | 4       | 5       | 6       | N/A     | N/A     | N/A     |
| Size 25-27                      | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | N/A     |
| Size 28-30                      | 3      | 3       | 3       | 4       | 5       | 6       | 7       | 8       | N/A     |
| <b>High Impact Category</b>     |        |         |         |         |         |         |         |         |         |
| Size 22-24                      | 2      | 3       | 4       | 5       | 6       | N/A     | N/A     | N/A     | N/A     |
| Size 25-27                      | 2      | 3       | 4       | 5       | 6       | 7       | 8       | N/A     | N/A     |
| Size 28-30                      | 3      | 3       | 4       | 5       | 6       | 7       | 8       | N/A     | N/A     |

# PRO-FLEX® XC TORSION

## CLEARANCE

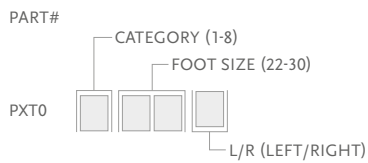


\*Note: Pro-Flex XC Torsion with Unity has the same build height as Pro-Flex XC Torsion.

ÖSSUR FEET

## KITS

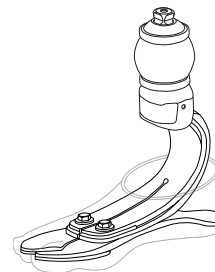
### PRO-FLEX XC TORSION WITH MALE PYRAMID



Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

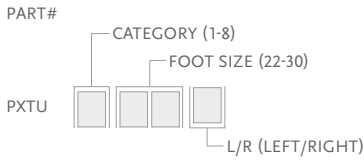
\*When ordering brown covers, add "BR" to the end of the part number.



# PRO-FLEX® XC TORSION

## FOOT KITS WITH UNITY

### PRO-FLEX XC TORSION WITH MALE PYRAMID AND UNITY PUMP

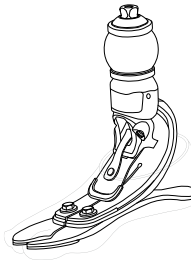


Includes:

- Foot Module
- Unity Pump
- Removable Foot Cover\* with a black Spectra Sock

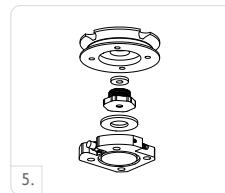
\*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.



### UNITY KITS

| Picture | Part#    | Description           | Applicable Foot Kits          |
|---------|----------|-----------------------|-------------------------------|
| 1       | UPC0024  | PXC Unity pump S22-24 | Pro-flex XC/ XC Torsion 22-24 |
| 1       | UPC0027  | PXC Unity pump S25-27 | Pro-flex XC/ XC Torsion 25-27 |
| 1       | UPC0030  | PXC Unity pump S28-30 | Pro-flex XC/ XC Torsion 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit    | All                           |
| 3       | UTF0001  | Unity TF Valve Kit    | All                           |
| 4       | UTF0006  | Unity TF Tube Kit     | All                           |
| 5       | L-544611 | Icelock 544 Kit Unity | All                           |

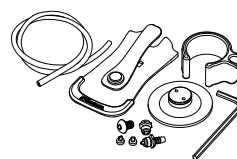


### UNITY SPARE COMPONENTS

| Part#    | Description                 |
|----------|-----------------------------|
| UPC00021 | PXC Unity Components S22-24 |
| UPC00022 | PXC Unity Components S25-27 |
| UPC00023 | PXC Unity Components S28-30 |

Includes:

- Pump Blade
- Membrane
- Barb Fittings
- Check valves
- Mounting Screw
- Tube
- Loctite
- Hex key

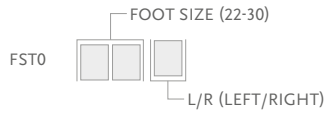


# PRO-FLEX® XC TORSION

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover\*
- Foot Cover Attachment
- Black Spectra Sock

\*Note: Please specify when ordering brown covers, add "BR" to the part#.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



## PRO-FLEX® LP

UNITY  
COMPATIBLE



A good level of ankle power, energy return and overall dynamics has often eluded people with longer residual limbs. Pro-Flex LP has been specially designed to counter those issues and to provide smooth rollover.

Pro-Flex LP offers a high degree of ankle motion and a significant improvement on conventional low profile carbon fiber feet. It also incorporates a full-effective toe length and new 'reverse tapered' technology, allowing for greater dorsi-flexion.

The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces and a sandal-clamping toe for a range of footwear including flipflops.

Össur recommends using Pro-Flex LP in conjunction with the sleeveless vacuum suspension system Unity, which adds minimal weight and no extra build height, and does not interfere with Pro-Flex LP dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.



| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 166 kg (365 lbs)             |



SPLIT TOE



SANDAL TOE



WEATHERPROOF

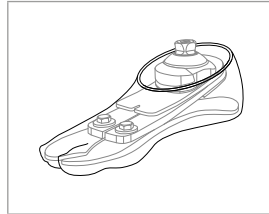
| Foot information          |   |
|---------------------------|---|
| Categories:               | 1-9   |
| Size:                     | 22-30   |
| Weight of Foot: (Size 27) | 646 g (1,42 lbs) w/ Foot Cover and Sock       |
| Build Height: (Size 27)   | 73 mm (2,7/8") w/ Male Pyramid and Foot Cover |
| Heel Height:              | 10 mm (3/8")                                  |
| Adapter Options:          | Male Pyramid                                  |

| Unity System Information   |  |
|----------------------------|--|
| Maximum Vacuum:            | -23inHg (-600mmHg)                             |
| Normal Operating Pressure: | -16-20 inHg                                    |
| Added System Weight:       | 75 g (0,17 lbs) w/ Pump, Socket Valve and Tube |

# PRO-FLEX® LP

## ORDERING INFORMATION

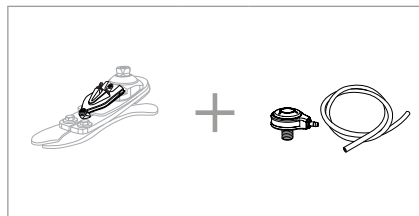
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

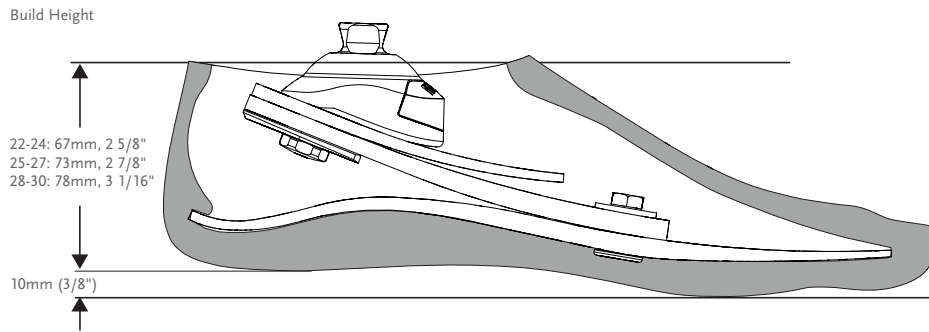


## CATEGORY SELECTION CHART

| Weight kg                       | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 | 148-166 |
|---------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs                      | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 | 325-365 |
| <b>Low Impact Category</b>      |        |         |         |         |         |         |         |         |         |         |
| Sizes 22-24                     | 1      | 1       | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     | N/A     |
| Sizes 25-27                     | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| Sizes 28-30                     | 3      | 3       | 3       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| <b>Moderate Impact Category</b> |        |         |         |         |         |         |         |         |         |         |
| Sizes 22-24                     | 1      | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     | N/A     | N/A     |
| Sizes 25-27                     | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |
| Sizes 28-30                     | 3      | 3       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |
| <b>High Impact Category</b>     |        |         |         |         |         |         |         |         |         |         |
| Sizes 22-24                     | 2      | 3       | 4       | 5       | N/A     | N/A     | N/A     | N/A     | N/A     | N/A     |
| Sizes 25-27                     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     | N/A     |
| Sizes 28-30                     | 3      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     | N/A     |

# PRO-FLEX® LP

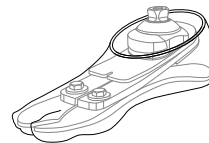
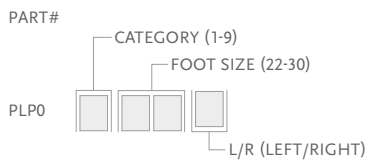
## CLEARANCE



\*Note: Pro-Flex LP with Unity has the same build height as Pro-Flex LP.

## KITS

### PRO-FLEX LP WITH MALE PYRAMID



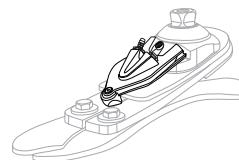
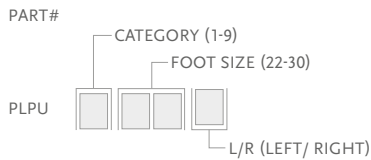
Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

\*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part#.

### FOOT KITS WITH UNITY

#### PRO-FLEX LP WITH MALE PYRAMID AND UNITY PUMP



Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock
- Unity Pump

\*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part#

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

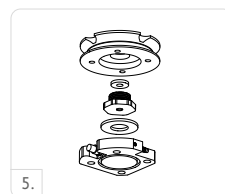
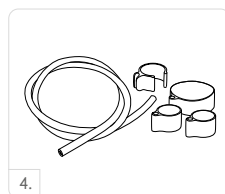
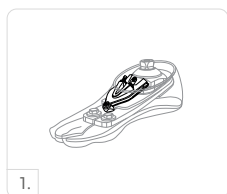


# PRO-FLEX® LP

## UNITY

### UNITY KITS

| Picture | Part#    | Description  | Applicable Foot Kits  |
|---------|----------|--|---|
| 1       | UPL0024  | PLP Unity Pump S22-24                                  | Pro-Flex LP Size 22-24                                      |
| 1       | UPL0030  | PLP Unity Pump S25-27/Cat 1-5                          | Pro-Flex LP Size 25-27, Cat 1-5                             |
| 1       | UPL0930  | PLP Unity Pump S25-27/Cat 6-9 & S28-30 /all categories | Pro-Flex LP Size 25-27, Cat 6-9 & Size 28-30 all categories |
| 2       | UTT0001  | Unity TT Valve Kit                                     | All   |
| 3       | UTF0001  | Unity TF Valve Kit                                     | All   |
| 4       | UTF0006  | Unity TF Tube Kit                                      | All   |
| 5       | L-5446XX | Icelock 544 Kit Unity                                  | All   |

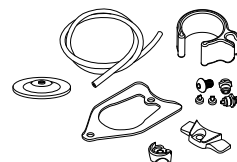


### UNITY SPARE COMPONENTS

| Part#    | Description                                |
|----------|--|
| UPL00021 | Unity PLP Components 22-24                 |
| UPL00022 | Unity PLP Components 25-27 cat.1-5         |
| UPL00023 | Unity PLP Components 25-27 cat.6-9 & 28-30 |

Includes:

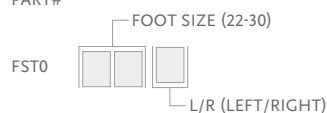
- Bumper
- Spring Blade
- Membrane
- Mounting Piece
- Screws
- Tube
- Clamp
- Check Valves
- Unity Outlet Port
- Unity Inlet Port



### COSMETIC FINISHING

#### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover\*
- Foot Cover Attachment
- Black Spectra Sock

\*For brown foot cover please add a "BR" suffix to the part number.

# PRO-FLEX® LP

## COSMETIC FINISHING

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



ÖSSUR FEET

## PRO-FLEX® LP TORSION



This compact energy-storing foot offers rotational shock absorption designed to reduce shear forces on the residual limb. The torsion module is combined with the Pro-Flex LP foot module, delivering a level of ankle power, energy return, and overall dynamics, which have often eluded people with longer residual limbs. Pro-Flex LP Torsion has been specially designed to deliver these benefits, in addition to providing smooth rollover. The torsion-shock unit compensates for physiological rotation and vertical shock absorption of lost joints, delivering more comfort for the end user, and less stress on the residual limb.

The Pro-Flex LP Torsion offers a high degree of ankle motion; a significant improvement in relation to conventional low-profile carbon fiber feet. It incorporates an effective full-length toe, and new 'reverse tapered' technology, allowing for greater dorsi-flexion.

Less load and increased range of motion means that amputees with a longer limb can enjoy greater comfort in a wide range of activities. The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces, and a sandal-clamping toe for a range of footwear including flip flops.

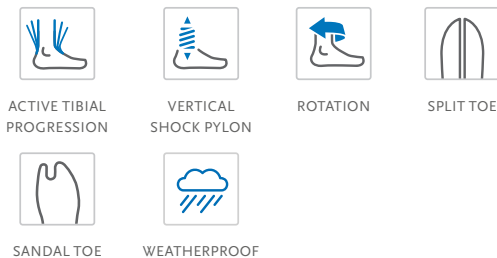
Össur recommends using the Pro-Flex LP Torsion together with the Unity sleeveless vacuum suspension system. This adds minimal weight, no extra build height, and does not interfere with the Pro-Flex LP Torsion dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilizing volume fluctuations and maintaining comfortable socket fit throughout the day.

UNITY  
COMPATIBLE



ÖSSUR FEET

| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 147 kg (324 lbs)             |



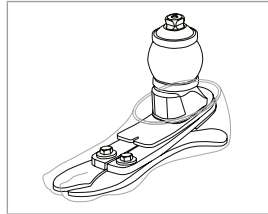
| Foot information          |  |
|---------------------------|--|
| Categories:               | 1-8  |
| Size:                     | 22-30  |
| Weight of Foot: (Size 27) | 960 g / 2.11 lbs w/ Foot Cover and Sock          |
| Build Height: (Size 27)   | 147 mm / 5 25/32" w/ Male Pyramid and Foot Cover |
| Heel Height:              | 10 mm (3/8")                                     |
| Adapter Options:          | Male Pyramid                                     |

| Unity System Information   |  |
|----------------------------|--|
| Maximum Vacuum:            | -23inHg (-600mmHg)                             |
| Normal Operating Pressure: | -16-20 inHg                                    |
| Added System Weight:       | 75 g (0,17 lbs) w/ Pump, Socket Valve and Tube |

# PRO-FLEX® LP TORSION

## ORDERING INFORMATION

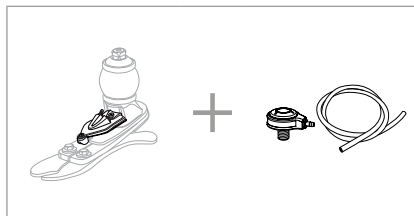
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

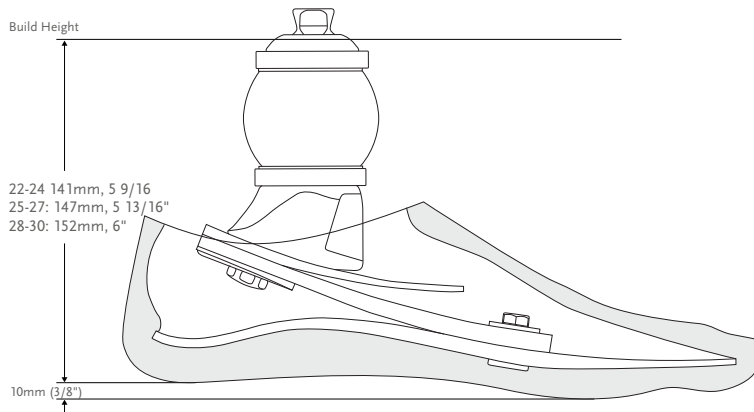


## CATEGORY SELECTION CHART

| Weight kg                       | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
|---------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs                      | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 |
| <b>Low Impact Category</b>      |        |         |         |         |         |         |         |         |         |
| Size 22-24                      | 1      | 1       | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     |
| Size 25-27                      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
| Size 28-30                      | 3      | 3       | 3       | 3       | 4       | 5       | 6       | 7       | 8       |
| <b>Moderate Impact Category</b> |        |         |         |         |         |         |         |         |         |
| Size 22-24                      | 1      | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     | N/A     |
| Size 25-27                      | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | N/A     |
| Size 28-30                      | 3      | 3       | 3       | 4       | 5       | 6       | 7       | 8       | N/A     |
| <b>High Impact Category</b>     |        |         |         |         |         |         |         |         |         |
| Size 22-24                      | 2      | 3       | 4       | 5       | N/A     | N/A     | N/A     | N/A     | N/A     |
| Size 25-27                      | 2      | 3       | 4       | 5       | 6       | 7       | 8       | N/A     | N/A     |
| Size 28-30                      | 3      | 3       | 4       | 5       | 6       | 7       | 8       | N/A     | N/A     |

# PRO-FLEX® LP TORSION

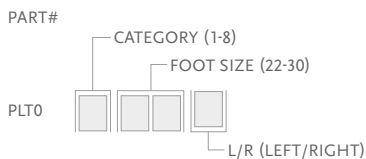
## CLEARANCE



\*Note: Pro-Flex LP Torsion with Unity has the same build height as Pro-Flex LP Torsion.

## KITS

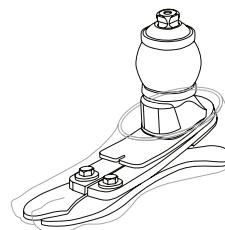
### PRO-FLEX LP TORSION WITH MALE PYRAMID



Includes:

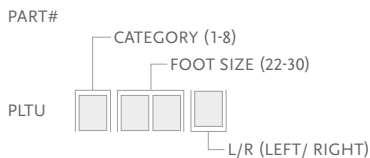
- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

\*For Pro-Flex LP Torsion with brown foot cover add a "BR" suffix to the part#.



### FOOT KITS WITH UNITY

#### PRO-FLEX LP TORSION WITH MALE PYRAMID AND UNITY PUMP



Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock
- Unity Pump

\*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part#.  
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

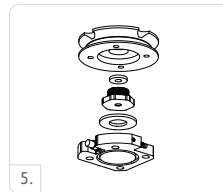
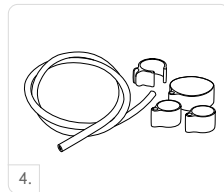


# PRO-FLEX® LP TORSION

## UNITY

### UNITY KITS

| Picture | Part#    | Description  | Applicable Foot Kits  |
|---------|----------|--|---|
| 1       | UPL0024  | PLP Unity Pump S22-24                                      | Pro-Flex LP Torsion 22-24                                     |
| 1       | UPL0030  | PLP Unity Pump S25-27 cat. 1-5                             | Pro-Flex LP Torsion 25-27 cat. 1-5                            |
| 1       | UPL0930  | PLP Unity Pump S25-27<br>Cat 6-9 & S28-30 (All categories) | Pro-Flex LP Torsion 25-27<br>Cat 6-9 & 28-30 (All categories) |
| 2       | UTT0001  | Unity TT Valve Kit   | All   |
| 3       | UTF0001  | Unity TF Valve Kit   | All   |
| 4       | UTF0006  | Unity TF Tube Kit  | All   |
| 5       | L-5446XX | Icelock 544 Kit  | All   |

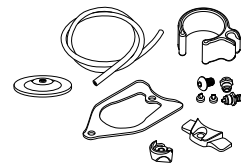


### UNITY SPARE COMPONENTS

| Part#    | Description                                 |
|----------|---|
| UPL00021 | Unity PLP Components 22-24                  |
| UPL00022 | Unity PLP Components 25-27 cat. 1-5         |
| UPL00023 | Unity PLP Components 25-27 cat. 6-9 & 28-30 |

Includes:

- Bumper
- Spring Blade
- Membrane
- Mounting Piece
- Screws
- Tube
- Clamp
- Check Valves
- Unity Outlet Port
- Unity Inlet Port

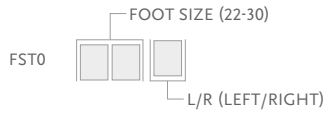


# PRO-FLEX® LP TORSION

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover\*
- Foot Cover Attachment
- Black Spectra Sock

\*For brown foot cover please add a "BR" suffix to the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



## PRO-FLEX® LP ALIGN



Pro-Flex LP Align combines functionality, comfort and aesthetic design. It allows users the freedom to choose footwear that best suits their activities, without having to compromise alignment, posture, dynamics or functionality. The heel height adjustment feature is quick and easy to use.

The lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces and a sandal toe to accommodate a range of footwear. The spaced sandal toe easily clamps onto sandals and flip-flops held by the toe.



| User information        |   |
|-------------------------|---|
| Amputation Level:       | Transfemoral and Transtibial  |
| Impact Level:           | Low to Moderate   |
| Maximum Patient Weight: | 116 kg / 256 lbs (Low Impact)<br>100 kg / 220 lbs (Moderate Impact) |



SANDAL TOE



HEEL HEIGHT ADJUSTABILITY



ANATOMICAL FOOT



SPLIT TOE



WEATHERPROOF

| Foot information             |   |
|------------------------------|---|
| Categories:                  | 1-6   |
| Size:                        | 22-28   |
| Weight of Foot: (Size 24/27) | 703 g/866 g (1.55lbs/1.91lbs) w/ Foot Cover and Sock    |
| Build Height: (Size 24/27)   | 116 mm/121 mm (4 9/16"/4 49/64") w/ Foot Cover and Sock |
| Heel Height:                 | Up to 7 cm (2.76")                                      |
| Adapter Options:             | Male Pyramid  |

### ORDERING INFORMATION FOR COMPLETE FOOT

#### SELECTION CHART FOR PRODUCT VARIANTS

| Category | 1                               | 2   | 3                                  | 4 | 5 | 6   |
|----------|---------------------------------|-----|------------------------------------|---|---|-----|
| Size 22  |                                 |     |                                    |   |   | N/A |
| Size 23  |                                 |     |                                    |   |   | N/A |
| Size 24  | FSF Foot Cover<br>Calf Cosmesis |     |                                    |   |   | N/A |
| Size 25  |                                 |     |                                    |   |   |     |
| Size 26  |                                 |     |                                    |   |   |     |
| Size 27  |                                 |     |                                    |   |   |     |
| Size 28  | N/A                             | N/A | FST Foot Cover<br>No Calf Cosmesis |   |   |     |



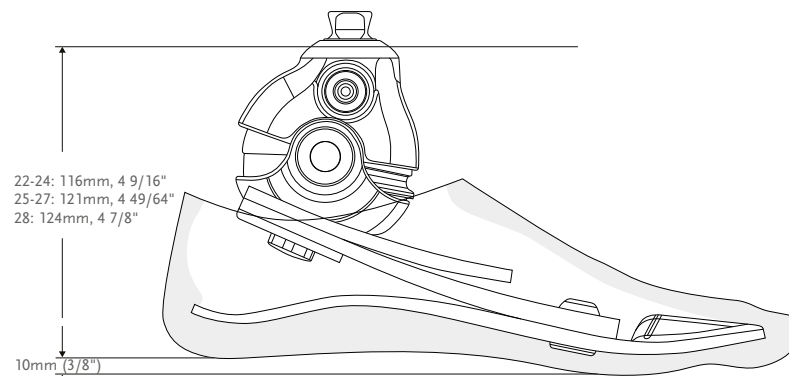
# PRO-FLEX® LP ALIGN

## CATEGORY SELECTION CHART

|                                 |        |         |         |         |         |         |         |
|---------------------------------|--------|---------|---------|---------|---------|---------|---------|
| Weight kg                       | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 |
| Weight lbs                      | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 |
| <b>Low Impact Category</b>      |        |         |         |         |         |         |         |
| Size 22-24                      | 1      | 1       | 2       | 3       | 4       | 5       | N/A     |
| Size 25-27                      | 1      | 1       | 2       | 3       | 4       | 5       | 6       |
| Size 28                         | 3      | 3       | 3       | 3       | 4       | 5       | 6       |
| <b>Moderate Impact Category</b> |        |         |         |         |         |         |         |
| Size 22-24                      | 1      | 2       | 3       | 4       | 5       | N/A     | N/A     |
| Size 25-27                      | 1      | 2       | 3       | 4       | 5       | 6       | N/A     |
| Size 28                         | 3      | 3       | 3       | 4       | 5       | 6       | N/A     |

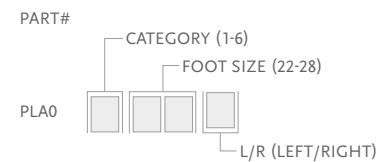
ÖSSUR FEET

## CLEARANCE



## KITS

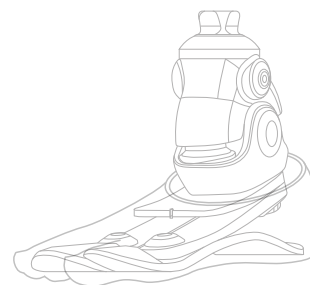
### PRO-FLEX LP ALIGN WITH MALE PYRAMID



Includes:

- Foot Module
- Removable Foot Cover\* with a black Spectra Sock

\*For Pro-Flex LP Align with brown foot cover add a "BR" suffix to the part number.

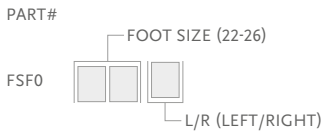


# PRO-FLEX® LP ALIGN

## REPLACEMENT PARTS

Please refer to “Selection Chart for Product Variants” table for selection of foot covers

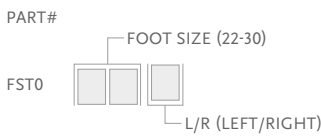
### FSF - FOOT COVER KIT, BEIGE AND BROWN



Includes:

- Foot Cover
- Black Spectra Sock

### FST - FOOT COVER KIT, BEIGE AND BROWN



Includes:

- Foot Cover
- Foot Cover Attachment
- Black Spectra Sock

Note: For brown foot cover, please add a “BR” suffix to the part number.

### SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



### SPACER KIT

| Part#    | Size  | Category |
|----------|-------|----------|
| PLA50005 | 22-24 | 1-5      |
| PLA50007 | 25-27 | 1-6      |
|          | 28    | 3-6      |

Includes:

- Anterior Spacer
- Anterior Spacer Wedge
- Posterior Spacer
- Wedge - tool to assist replacing Spacer



## CALF COSMESIS SELECTION CHART

| Category | 1             | 2   | 3   | 4   | 5   | 6   |
|----------|---------------|-----|-----|-----|-----|-----|
| Size 22  | Calf Cosmesis |     |     |     |     | N/A |
| Size 23  |               |     |     |     |     | N/A |
| Size 24  |               |     |     |     |     | N/A |
| Size 25  |               |     |     |     |     | N/A |
| Size 26  |               |     |     |     |     | N/A |
| Size 27  | N/A           | N/A | N/A | N/A | N/A | N/A |
| Size 28  | N/A           | N/A | N/A | N/A | N/A | N/A |



### CALF COSMESIS

| Part#    | Size        |
|----------|-------------|
| LSF024Nz | 22-24 z=L/R |
| LSF026Nz | 25-26 z=L/R |

Note: For brown calf cosmesis, please add a "BR" suffix to the part number.

# VARI-FLEX®



The Vari-Flex provides an exclusive combination of comfort and dynamics. The Vari-Flex is light-weight, easy to assemble and has a slender profile which makes it easy to cosmetically cover.

Unity for Vari-Flex is an ultra lightweight foot and elevated vacuum suspension system designed to stabilize volume fluctuations and improve socket fit. For the moderately to high active user who prefers a simple, robust and lightweight prosthesis, Unity for Vari-Flex and Seal-In technology combined provide secure suspension, volume management and great foot dynamics without the restricting effect of an external suspension sleeve.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 166kg (365lbs)               |



FULL LENGTH TOE LEVER



ACTIVE TIBIAL PROGRESSION



SPLIT TOE



WEATHERPROOF\*



WATERPROOF\*

\* Waterproof when used with carbonfibre tube. Weatherproof when used with pyramid.

| Foot information          |  |
|---------------------------|--|
| Categories:               | Sizes 22-24; Cat. 1-6<br>Sizes 25-30; Cat. 1-9 |
| Sizes:                    | 22-30  |
| Weight of Foot: (Size 27) | 594g (21oz) w/ Pyramid and Foot Cover          |
| Build Height: (Size 27)   | 170mm (6 3/4") w/ Pyramid and Foot Cover       |
| Heel Height:              | 10mm and 19mm (3/8" and 3/4")                  |
| Adapter Options:          | Male Pyramid, Carbon Fiber Tube                |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -16-20 inHg                         |
| Added System Weight:       | 130g w/ Pump, Socket Valve and Tube |

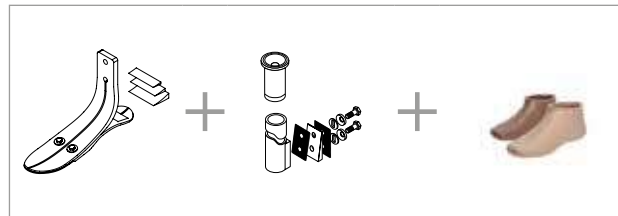
# VARI-FLEX®

## ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID



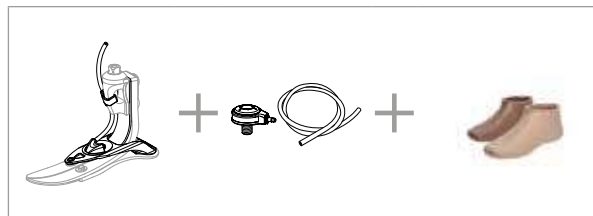
FOR COMPLETE FOOT WITH CARBON FIBER TUBE



Unity can be ordered with Vari-Flex. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Icross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY

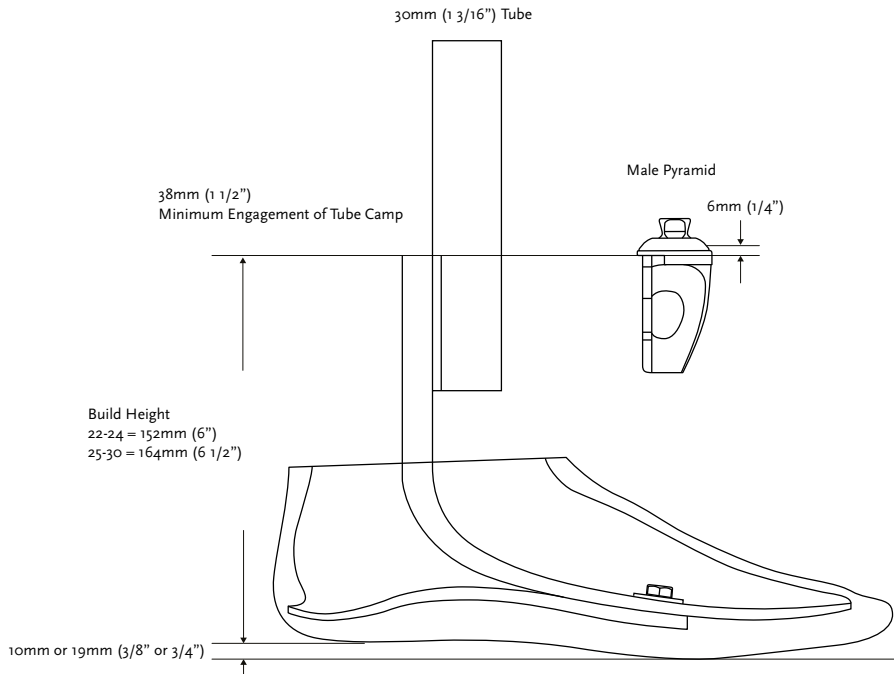


## CATEGORY SELECTION CHART

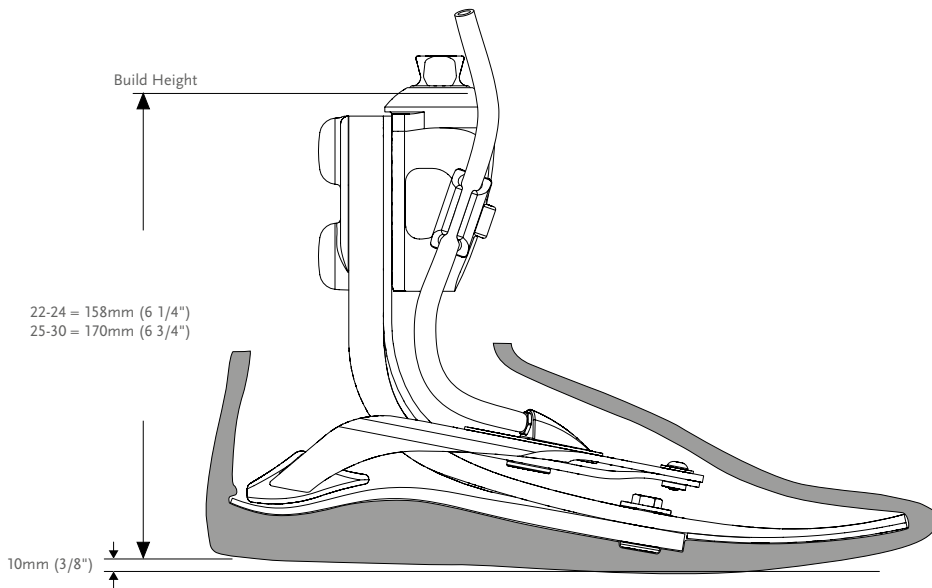
| Weight kg             | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 | 148-166 |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs            | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-221 | 222-256 | 257-287 | 288-324 | 325-365 |
| Low Impact Level      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| Moderate Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |
| High Impact Level     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     | N/A     |

# VARI-FLEX®

## CLEARANCE



## CLEARANCE WITH UNITY

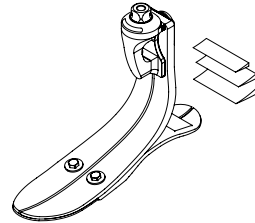
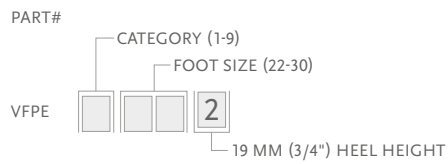
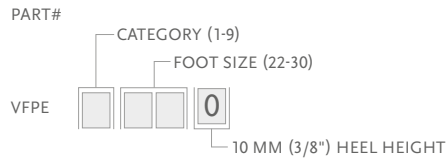


ÖSSUR FEET

# VARI-FLEX®

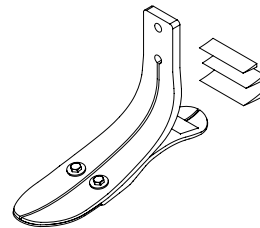
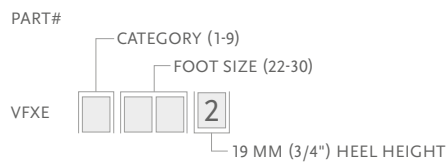
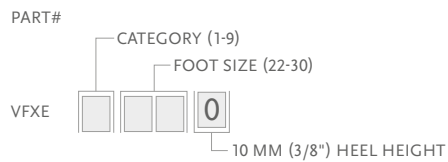
## KITS

### VARI-FLEX MALE PYRAMID OPTION



Note: Solid toe, low and high heel are special orders.

### VARI-FLEX WITHOUT ADAPTER



Note: Solid toe, low and high heel are special orders.

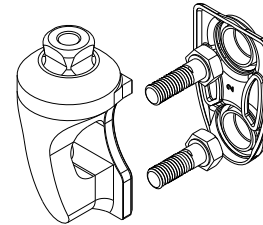
# VARI-FLEX®

## MALE ADAPTERS

### BOLT-ON MALE PYRAMID ADAPTER

Select according to category of foot module being utilized.

| Part#      | Cat. | Weight |       |
|------------|------|--------|-------|
| FFC2210001 | 1-6  | 175g   | 6.2oz |
| FFC2210002 | 7-9  | 205g   | 7.2oz |



Includes:

- Pyramid
- Hardware (M8 or M10 bolts)
- Plastic Bolt Cap
- Loctite

### ATTACHMENT BOLTS FOR PYRAMID

| Part#    | Cat. | Size | Length |        |
|----------|------|------|--------|--------|
| CM130234 | 1-6  | M8   | 35mm   | 1 3/8" |
| CM130223 | 7-8  | M10  | 35mm   | 1 3/8" |

### QUICK-ALIGN™ ADAPTER FOR VARI-FLEX

Manually adjustable heel height adapter that provides 8° of flexion, which translates to 30mm heel height range with a size 25 foot.

Heel height changes are easily made by the user, with an unlock button to enable adjustments and a lock button to fix the position again.

| With New Foot Module, Part#                  | Cat. | Weight |        |
|--|------|--------|--------|
| QAP12551                                     | 1-4  | 384g   | 13.5oz |
| QAP12552                                     | 5-6  | 384g   | 13.5oz |
| QAP12553                                     | 7    | 384g   | 13.5oz |
| Retrofit Kit for Existing Foot Module, Part# | Cat. | Weight |        |
| QAP12501                                     | 1-4  | 384g   | 13.5oz |
| QAP12502                                     | 5-6  | 384g   | 13.5oz |
| QAP12503                                     | 7    | 384g   | 13.5oz |

Includes:

- Hardware (M8 and M10 bolts)
- Washers
- Plastic bolt cap



# VARI-FLEX®

## TUBE KITS

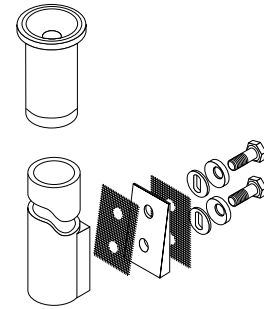
### 30MM (1 3/16") CARBON FIBER TUBE KIT

Choose according to size and category of the foot module utilized.

| Part#    | Cat. | Size  | Length |     | Hole Spacing |        | Weight |        |
|----------|------|-------|--------|-----|--------------|--------|--------|--------|
| VFX00003 | 1-6  | 22-30 | 229mm  | 9"  | 38mm         | 1 1/2" | 216g   | 7.3oz  |
| VFX00004 | 7-9  | 22-30 | 229mm  | 9"  | 38mm         | 1 1/2" | 275g   | 9.7oz  |
| VFX00006 | 1-6  | 22-30 | 381mm  | 15" | 38mm         | 1 1/2" | 293g   | 10.3oz |
| VFX00007 | 7-9  | 22-30 | 381mm  | 15" | 38mm         | 1 1/2" | 369g   | 13oz   |

Includes:

- Alignment Wedges
- Tube
- Spherical Washers
- Attachment Bolts and Hardware ( 5/16" UNF)
- Friction Pads
- Tube Insert (Cat.7-9)



### TUBE INSERT FOR CATEGORY 7-9; 30MM (1 3/16")

Tube inserts provide the structural integrity necessary for higher category tubes.

| Part#    | Diameter |         | Weight |        |
|----------|----------|---------|--------|--------|
| A-718009 | 30mm     | 1 3/16" | 18g    | 0.63oz |



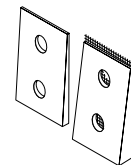
### ALIGNMENT WEDGES FOR TUBE KIT (2 DEGREES AND 4 DEGREES)

Placed between the pylon and foot module, alignment wedges allow for plantarflexion and dorsiflexion of the foot without the use of modular components.

| Part#    | Cat. |
|----------|------|
| CM150041 | 1-6  |
| CM150042 | 7-9  |

Includes:

- Wedges
- Friction Pad
- Loctite



### ATTACHMENT BOLTS FOR 30MM (1 3/16") TUBE

| Part#    | Cat. | Size       | Length |
|----------|------|------------|--------|
| CM130219 | 1-6  | 5/16" x 24 | 1 3/4" |
| CM130213 | 7-9  | 3/8" x 24  | 1 3/4" |

# VARI-FLEX®

## COMPONENTS

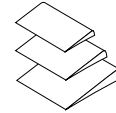
### HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

| Part#    | Foot Size |
|----------|-----------|
| CM150006 | 22-27     |
| CM150009 | 28-30     |

Includes:

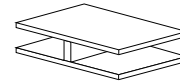
- 3 Wedges
- Adhesive



### HEEL DIVIDER

Heel dividers act to separate the edges of a split heel to reduce wear and noise between the composite elements.

| Part#    | Description  |
|----------|--------------|
| CM140003 | Heel Divider |



### LOCTITE 410 BLACK

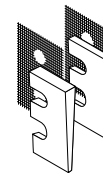
| Part#    | Description       |
|----------|-------------------|
| CM160016 | Loctite 410 black |

## TOOLS

### KIT TEMPORARY SLOTTED WEDGE, CAT 1-9

Use for initial dynamic alignment of the prosthesis. These wedges are removed and replaced with definitive alignment wedges.

| Part#    | Cat. |
|----------|------|
| CM100204 | ALL  |



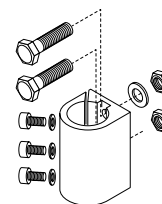
### 30MM (1 3/16") ALIGNMENT FITTING TOOL KIT

Used in conjunction with pre-cut carbon or Aluminum pylons to establish height of the prosthesis and alignment. Once height and alignment are established, the fixture can be replaced with a standard Flex-Foot® carbon fiber tube.

| Part#    | Cat. |
|----------|------|
| VFX00008 | ALL  |

Includes:

- Attachment Hardware
- Alignment Tool

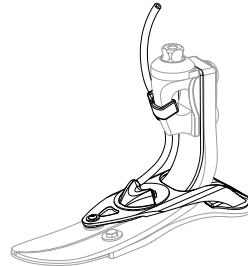
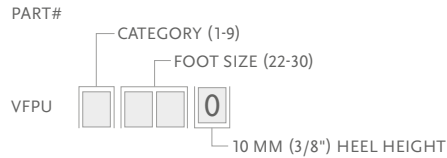


Note: Alignment tool is solely meant for alignment purposes not definitive use.

# VARI-FLEX®

## FOOT KITS WITH UNITY

### VARI-FLEX WITH MALE PYRAMID AND UNITY PUMP



Includes:

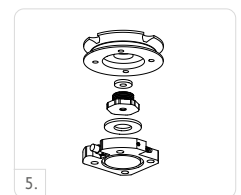
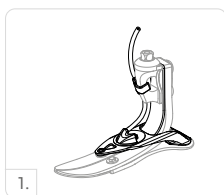
- Foot Module
- Unity Pump

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

### UNITY KITS

| Picture | Part#    | Description                 | Applicable Foot Kits     |
|---------|----------|-----------------------------|--------------------------|
| 1       | UVF0024  | Unity Pump Module VFX 22-24 | Vari-Flex Std Size 22-24 |
| 1       | UVF0027  | Unity Pump Module VFX 25-27 | Vari-Flex Std Size 25-27 |
| 1       | UVF0030  | Unity Pump Module VFX 28-30 | Vari-Flex Std Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit          | All                      |
| 3       | UTF0001  | Unity TF Valve Kit          | All                      |
| 4       | UTF0006  | Unity TF Tube Kit           | All                      |
| 5       | L-5446XX | Icelock 544 Kit Unity       | All                      |

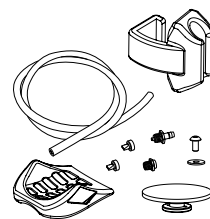


### UNITY SPARE COMPONENTS

| Part#    | Description                |
|----------|----------------------------|
| UVF00021 | Unity VF Components, 22-24 |
| UVF00022 | Unity VF Components, 25-30 |

Includes:

- Membrane
- Tube
- Check valves
- Tube fastener
- Barb fittings
- Heel pad

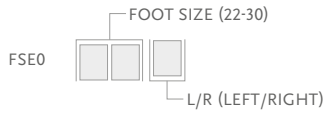


# VARI-FLEX®

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

\*Please specify when ordering brown covers, add "BR" to the end of the part number.

### FLEX-FOOT SOCKS

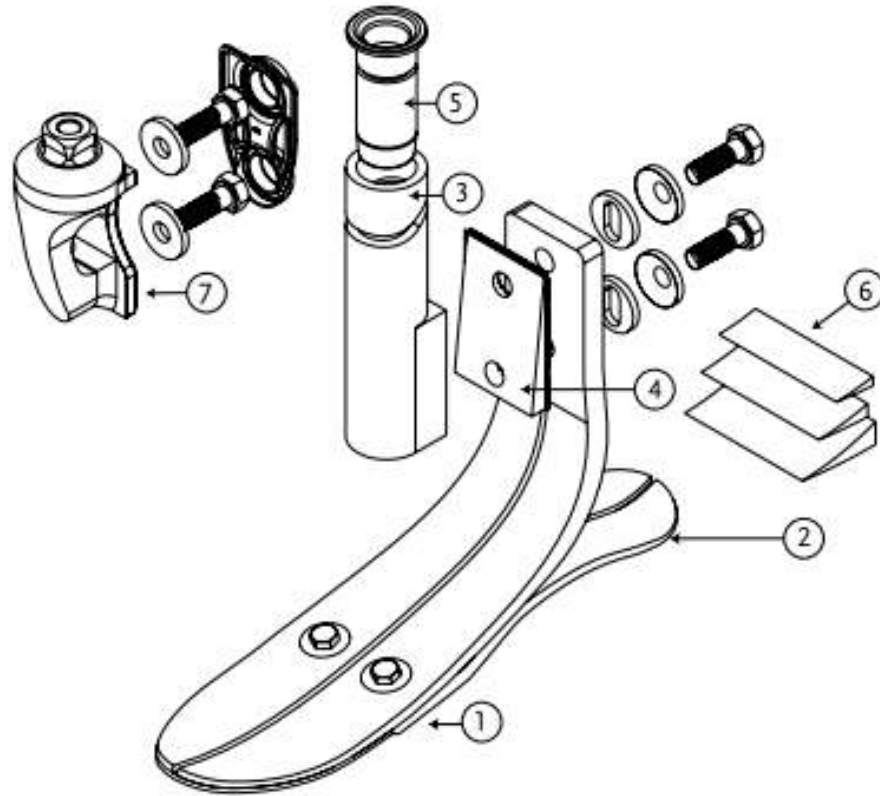
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#        | Description            | Size  | Color |
|--------------|------------------------|-------|-------|
| FSEL60001    | Black Sock Small 1 pc  | 22-25 | Black |
| FSEL60002    | Black Sock Large 1 pc  | 26-30 | Black |
| FSEL60001-15 | Black Sock Small 15 pc | 22-25 | Black |
| FSEL60002-15 | Black Sock Large 15 pc | 26-30 | Black |



# VARI-FLEX®

## DIAGRAM



|    | Description                   |
|----|-------------------------------|
| 1. | Foot Module                   |
| 2. | Heel                          |
| 3. | 30mm Carbon Fiber Tube Kit    |
| 4. | Alignment Wedges For Tube Kit |
| 5. | Tube Insert                   |
| 6. | Heel Wedge                    |
| 7. | Bolt-On Male Pyramid Adapter  |

# LP VARI-FLEX®



The LP Vari-Flex is designed for users with long residual limbs that do not have enough clearance for the Vari-Flex.

Unity for LP Vari-Flex is a sleeveless vacuum suspension system designed to stabilize volume fluctuations and maintain comfortable socket fit throughout the day. For the moderately to high active user with limited build height clearance, Unity for LP Vari-Flex and Seal-In technology combined provide secure suspension, volume management and great foot dynamics without the restricting effect of an external suspension sleeve. Unity adds minimal weight to the prosthesis and does not interfere with the foot module dynamics.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 166 kg (365 lbs)             |



FULL LENGTH TOE LEVER



SPLIT TOE



WEATHERPROOF

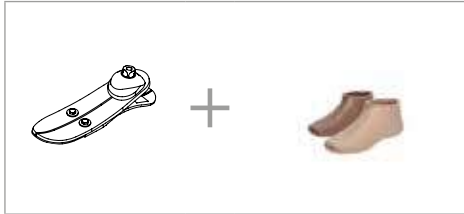
| Foot Information          |   |
|---------------------------|---|
| Categories:               | Size 22-24; Cat. 1-5 / Size 25-30; Cat. 1-9 |
| Size:                     | 22-30                                       |
| Weight of Foot: (Size 27) | 574 g (20.3 oz) w/ Pyramid and Foot Cover   |
| Build Height: (Size 27)   | 68 mm (2 11/16") w/ Pyramid and Foot Cover  |
| Heel Height:              | 10 mm (3/8")                                |
| Adapter Options:          | Male Pyramid or Lamination Adapter          |

| Unity System Information   |                                      |
|----------------------------|--------------------------------------|
| Maximum Vacuum:            | -23inHg (-600mmHg)                   |
| Normal Operating Pressure: | -16-20 inHg                          |
| Added System Weight:       | 130 g w/ Pump, Socket Valve and Tube |

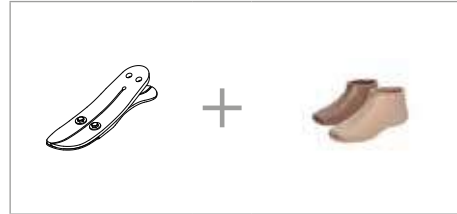
# LP VARI-FLEX®

## ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID



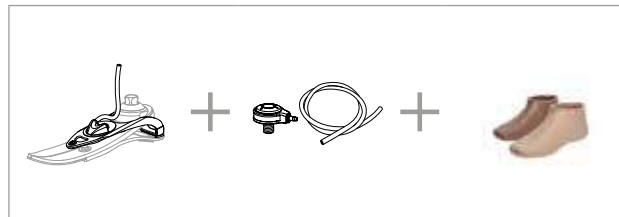
FOR COMPLETE FOOT WITHOUT ADAPTER



Unity can be ordered with LP Vari-Flex in the male pyramid, standard heel height configuration. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

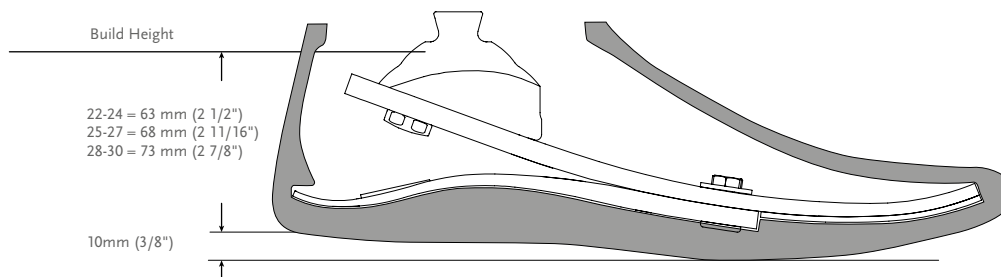
FOR COMPLETE FOOT WITH UNITY



## CATEGORY SELECTION CHART

| Weight kg             | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 | 148-166 |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs            | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-221 | 222-256 | 257-287 | 288-324 | 325-365 |
| Low Impact Level      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| Moderate Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |
| High Impact Level     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     | N/A     |

## CLEARANCE

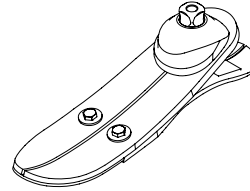
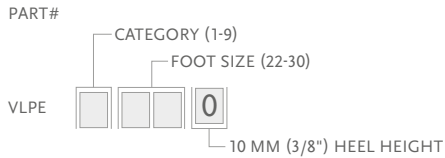


\*Note: LP Vari-Flex with Unity has the same build height as LP Vari-Flex.

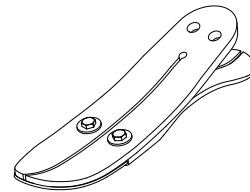
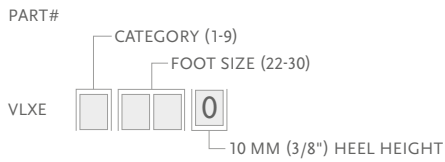
# LP VARI-FLEX®

## KITS

### LP VARI-FLEX MALE PYRAMID OPTION



### LP VARI-FLEX WITHOUT ADAPTER



### LAMINATION ADAPTER KITS

| Part#    | Cat. | Size  |
|----------|------|-------|
| VLX00001 | 1-5  | 22-24 |
| VLX00002 | 1-6  | 25-30 |
| VLX00003 | 7-9  | 25-30 |

Includes:

- Lamination adapter
- Bolts
- Tape sealant
- Loctite

## COMPONENTS

### HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

| Part#    | Foot Size |
|----------|-----------|
| CM150011 | 22-30     |

Includes:

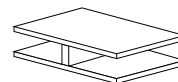
- 3 Wedges
- Adhesive



### HEEL DIVIDER

Heel dividers act to separate the edges of a split heel to reduce wear and noise between the composite elements.

| Part#    | Description  |
|----------|--------------|
| CM140003 | Heel Divider |



### LOCTITE 410 BLACK

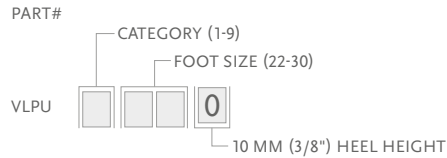
| Part#    | Description       |
|----------|-------------------|
| CM160016 | Loctite 410 black |



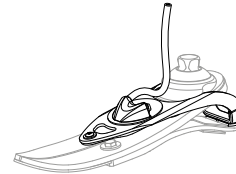
# LP VARI-FLEX®

## FOOT KITS WITH UNITY

### LP VARI-FLEX WITH MALE PYRAMID AND UNITY PUMP



- Includes:
- Foot Module
  - Unity Pump

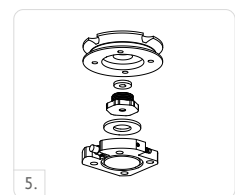


Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

### UNITY KITS

| Picture | Part#    | Description                 | Applicable Foot Kits        |
|---------|----------|-----------------------------|-----------------------------|
| 1       | UVL0024  | Unity Pump Module VLX 22-24 | LP Vari-Flex Std Size 22-24 |
| 1       | UVL0027  | Unity Pump Module VLX 25-27 | LP Vari-Flex Std Size 25-27 |
| 1       | UVL0030  | Unity Pump Module VLX 28-30 | LP Vari-Flex Std Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit          | All                         |
| 3       | UTF0001  | Unity TF Valve Kit          | All                         |
| 4       | UTF0006  | Unity TF Tube Kit           | All                         |
| 5       | L-544611 | Icelock 544 Kit Unity       | All                         |



## UNITY SPARE COMPONENTS

| Part#    | Description                |
|----------|----------------------------|
| UVL00021 | Unity VL Components, 22-24 |
| UVL00022 | Unity VL Components, 25-30 |

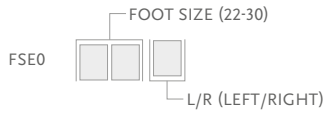
- Includes:
- Membrane
  - Check valves
  - Barb fittings
  - Tube
  - Tube fastener
  - Heel pad

# LP VARI-FLEX®

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

\*Please specify when ordering brown covers, add "BR" to the end of the part number.

### FLEX-FOOT SOCKS

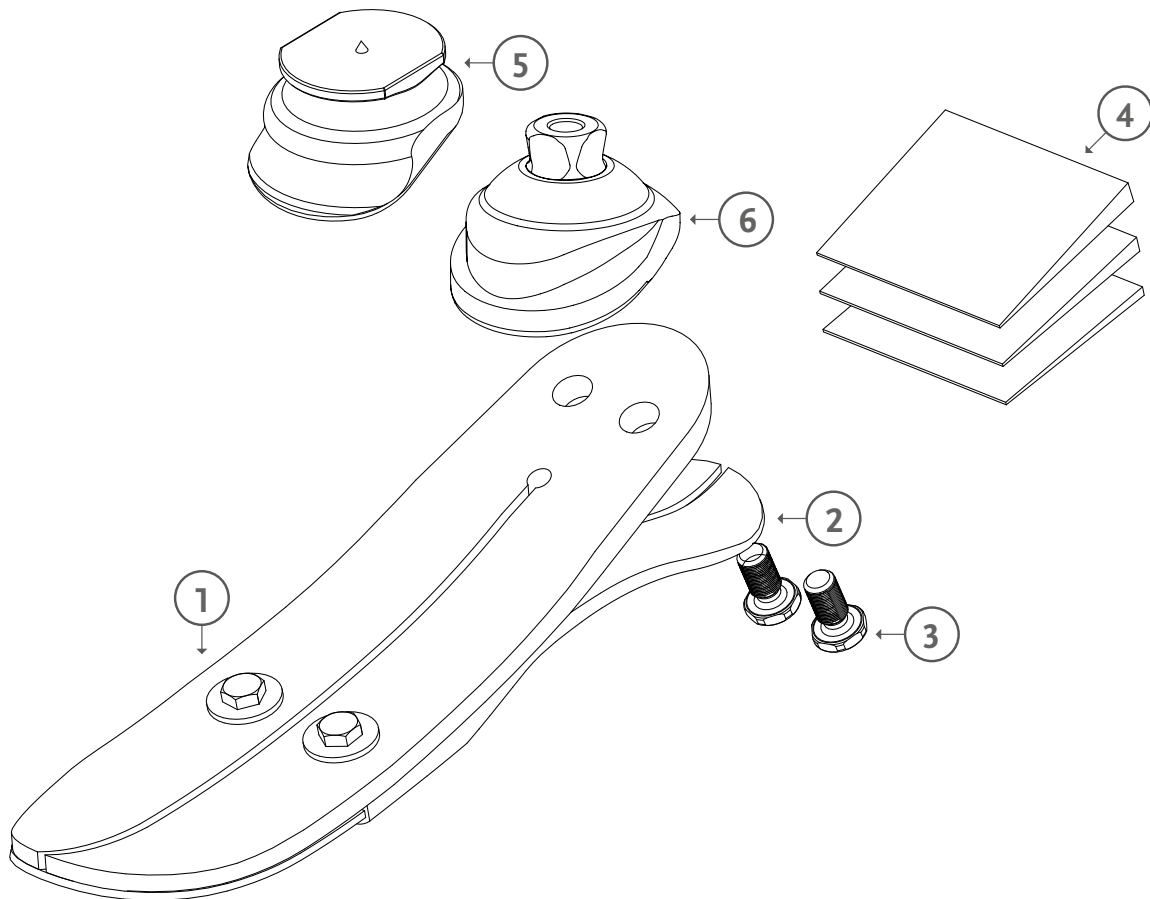
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#        | Description            | Size  | Color |
|--------------|------------------------|-------|-------|
| FSEL60001    | Black Sock Small 1 pc  | 22-25 | Black |
| FSEL60002    | Black Sock Large 1 pc  | 26-30 | Black |
| FSEL60001-15 | Black Sock Small 15 pc | 22-25 | Black |
| FSEL60002-15 | Black Sock Large 15 pc | 26-30 | Black |



# LP VARI-FLEX®

## DIAGRAM



|    | Description          |
|----|----------------------|
| 1. | Foot Module          |
| 2. | Heel                 |
| 3. | Bolts                |
| 4. | Heel Wedge           |
| 5. | Lamination Adapter   |
| 6. | Male Pyramid Adapter |

# VARI-FLEX® MODULAR™



An extremely light-weight and durable, high energy storage and release foot. The 100% carbon fiber provides the amputees with smooth, continuous motion from heel strike to toe off.

All ages and impact levels will benefit from the energy storage and return. Durable for active individuals and extremely lightweight for those less active, there is no limit to who this foot can benefit. This foot can be custom ordered for virtually any weight limit.



| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 166kg (365lbs)*              |

\*166kg (365lbs) version available for direct lamination as a custom order.



FULL LENGTH TOE LEVER



ACTIVE TIBIAL PROGRESSION



SPLIT TOE



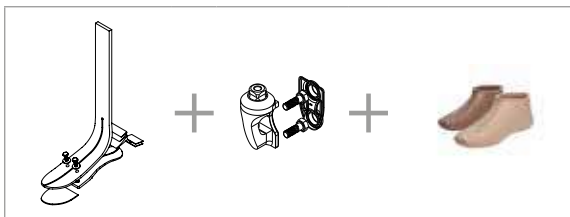
WATERPROOF

| Foot information          |  |
|---------------------------|--|
| Categories:               | Size 22-23 ; cat 1-6 / Size 24 ; cat. 1-8 / Size 25-27 ; 1-9 / Size 28-29 ; cat. 3-9 / Size 30 ; cat 4-9 |
| Size:                     | 22-30  |
| Weight of Foot: (Size 27) | 779g (27.5oz) w/ Pyramid and Foot Cover  |
| Build Height: (Size 27)   | 188mm (7 3/8") to 383mm (15 1/16") w/ Pyramid and Foot Cover   |
| Heel Height:              | 10mm (3/8")*   |
| Adapter Options:          | Male Pyramid or T Connector  |

\*19mm is a special order

## ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID



FOR COMPLETE FOOT WITH T CONNECTOR

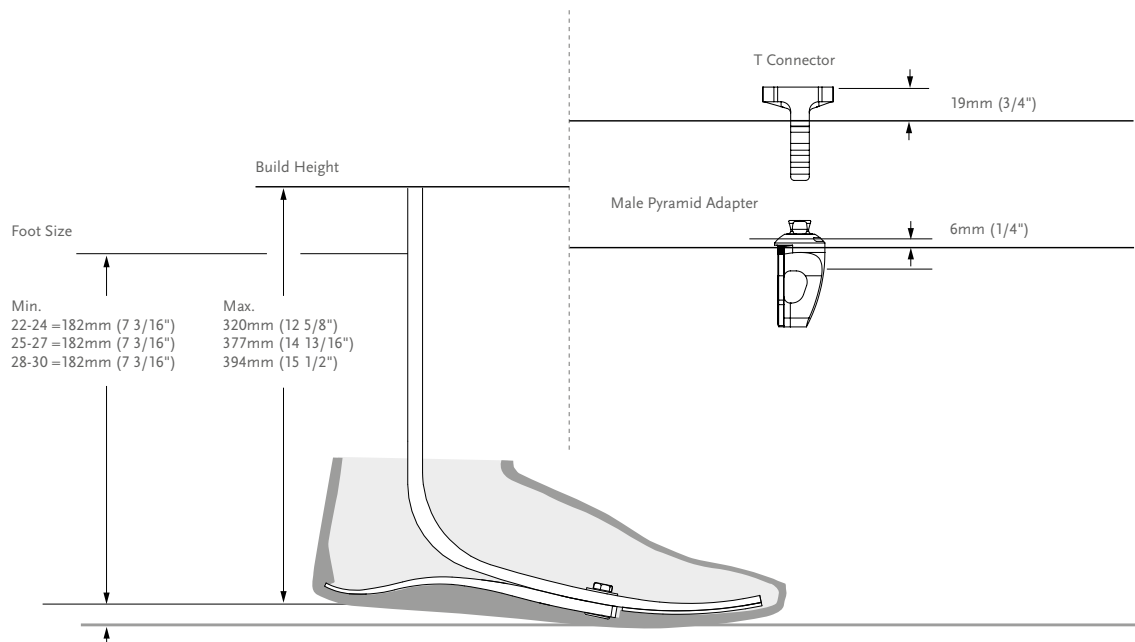


# VARI-FLEX® MODULAR™

## CATEGORY SELECTION CHART

| Weight kg             | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147       | 148-166       |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------------|---------------|
| Weight lbs            | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324       | 325-365       |
| Low Impact Level      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8             | 9             |
| Moderate Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9             | Special Order |
| High Impact Level     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | Special Order | Special Order |

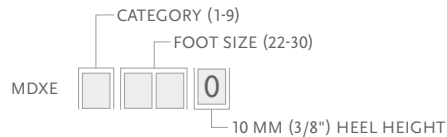
## CLEARANCE



## KITS

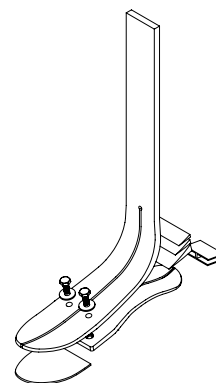
### VARI-FLEX MODULAR KIT

PART#



Includes:

- Foot Module
- Heel Module
- Heel Attachment Hardware
- Heel Wedges



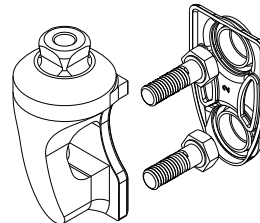
# VARI-FLEX® MODULAR™

## STANDARD ADAPTERS

### BOLT-ON MALE PYRAMID ADAPTER

Select according to category of foot module being utilized.

| Part#      | Weight |       | Cat. |
|------------|--------|-------|------|
| FFC2210001 | 175g   | 6.2oz | 1-6  |
| FFC2210002 | 205g   | 7.2oz | 7-9  |



Includes:

- Pyramid
- Hardware (M8 or M10 bolts)
- Plastic Bolt Cap
- Loctite

### ALUMINUM T KITS

| Part#    | Weight |        | Cat. |
|----------|--------|--------|------|
| MDX00020 | 360g   | 12.7oz | 1-6  |
| MDX00021 | 360g   | 12.7oz | 7-9  |



Includes:

- Aluminum T Connector
- Alignment Wedges
- Attachment Bolts
- M6 Bolts, Washers and Nuts
- Spherical and Round Washers
- Abrasive Pads Hex Nuts

### ALUMINUM T CONNECTORS

| Part#    | Weight |        | Cat. |
|----------|--------|--------|------|
| CM140326 | 360g   | 12.7oz | 1-6  |
| CM140327 | 360g   | 12.7oz | 7-9  |



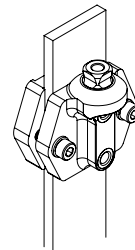
### MODULAR ALIGNMENT ADAPTER

Makes fitting and aligning Vari-Flex Modular quick and easy. After cutting keel to final length, place adapter on keel. Adjust the alignment adapter to the correct height by sliding it on the blade and clamp the adapter to the foot module by tightening the screws. Adjust height as necessary for final alignment. Disconnect the foot module from the prosthesis with the adapter still clamped on to keel. Drill appropriate holes through the drill bushings.

| Part#    | Weight |        |
|----------|--------|--------|
| MDE80001 | 408g   | 14.4oz |

Includes:

- Aluminum Alignment Adapter
- M8 Bolts Grit



# VARI-FLEX® MODULAR™

## COMPONENTS

### DIRECT LAMINATION KIT

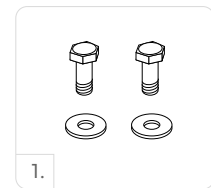
| Part#    | Description           | Cat. |
|----------|-----------------------|------|
| MDX50007 | Direct Lamination Kit | 10+  |

Includes:

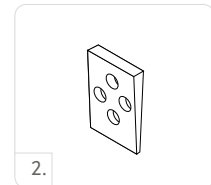
- Fiberglass Cloth
- Epoxy

### BOLTS

| Picture | Part#    | Description                                | Size        | Length | Cat. |
|---------|----------|--|-------------|--------|------|
| 1.      | CM150004 | Heel Fastener Hardware Kit (Bolts, Washer) | 6mm (1/4")  | 18mm   | 1-6  |
| 1.      | CM150005 | Heel Fastener Hardware Kit (Bolts, Washer) | 8mm (5/16") | 18mm   | 7-9  |



| Picture | Part#    | Description                       | Cat. |
|---------|----------|-----------------------------------|------|
| 1.      | CM100203 | Kit Temporary Slotted Wedge       | ALL  |
| 2.      | CM150051 | Alignment Wedges/Spacer Block Kit | 1-6  |
| 2.      | CM150052 | Alignment Wedges/Spacer Block Kit | 7-9  |

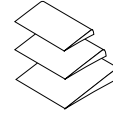


# VARI-FLEX® MODULAR™

## COMPONENTS

### HEEL WEDGE KITS

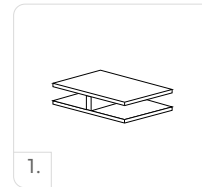
| Part#    | Foot Size | Cat. |
|----------|-----------|------|
| CM150006 | 22-27     | ALL  |
| CM150009 | 28-30     | ALL  |



- Includes:
- 3 Wedges
  - Adhesive

### MISCELLANEOUS

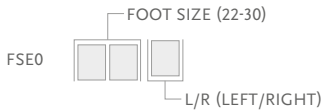
| Picture | Part#    | Description           |
|---------|----------|-----------------------|
| 1.      | CM140003 | Heel Divider          |
|         | CM160016 | Loctite 410 black     |
|         | CM150012 | Kit 3oz Potting Epoxy |



## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



- Includes:
- Foot Cover
  - Flex-Foot Sock
  - Foot Cover Attachment

\*Please specify when ordering brown covers, add "BR" to the end of the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

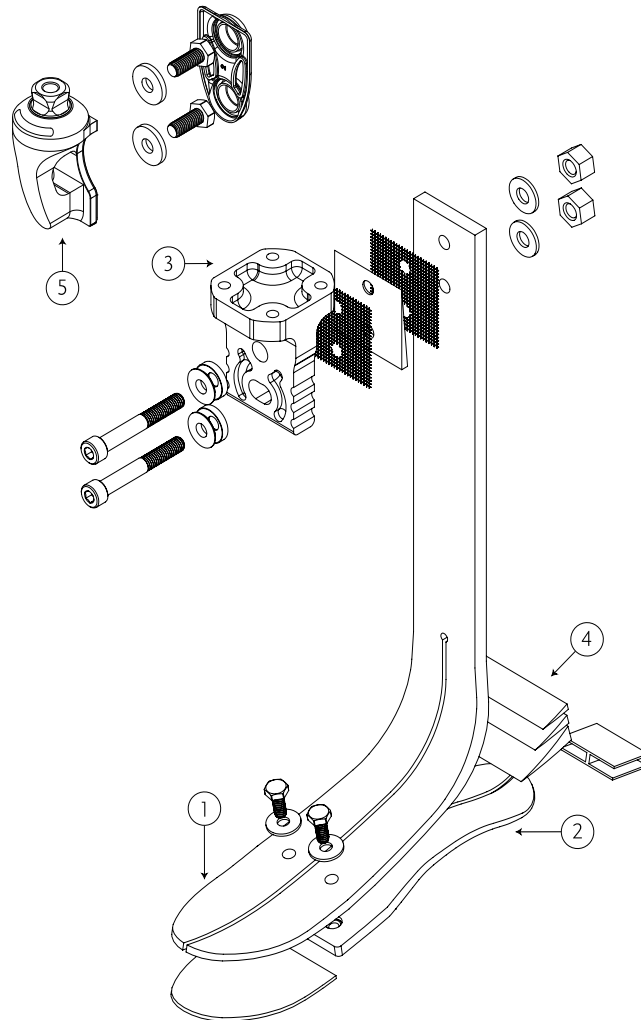
| Part#        | Description            | Size  | Color |
|--------------|------------------------|-------|-------|
| FSEL60001    | Black Sock Small 1 pc  | 22-25 | Black |
| FSEL60002    | Black Sock Large 1 pc  | 26-30 | Black |
| FSEL60001-15 | Black Sock Small 15 pc | 22-25 | Black |
| FSEL60002-15 | Black Sock Large 15 pc | 26-30 | Black |





# VARI-FLEX® MODULAR™

## DIAGRAM



|    | Description          |
|----|----------------------|
| 1. | Foot Module          |
| 2. | Heel                 |
| 3. | T Adapter            |
| 4. | Wedge Kit            |
| 5. | Bolt-On Male Pyramid |

# RE-FLEX ROTATE™



Re-Flex Rotate is a robust, high performance foot allowing users to enjoy daily living, work and leisure with the comfort and confidence to reach their full potential.

Re-Flex Rotate fulfills the challenging requirements of active users, combining optimal shock absorption and dynamic energy return with comfort. Featuring a sleek profile and maintenance-free design, it is designed for active users requiring high performance, comfortable everyday foot.

An integrated torsion cell reduces shear and rotary forces, protecting residual limb. Shock absorption via a titanium coil spring reduces impact to the body, while enhancing both control and comfort during walking and other activities.

The Unity vacuum suspension system is available as an addition to the Re-Flex Rotate™ foot module. Unity in combination with Iceross Seal-In technology provides elevated vacuum in the socket during ambulation, without the restricting effect of an external sealing sleeve. Unity adds minimal weight to the existing prosthesis and does not interfere with the function of Re-Flex foot and shock modules.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 147kg (324lbs)               |

|                           |                       |           |
|---------------------------|-----------------------|-----------|
|                           |                       |           |
| ACTIVE TIBIAL PROGRESSION | VERTICAL SHOCK PYLON  | ROTATION  |
|                           |                       |           |
| WEATHERPROOF              | FULL LENGTH TOE LEVER | SPLIT TOE |

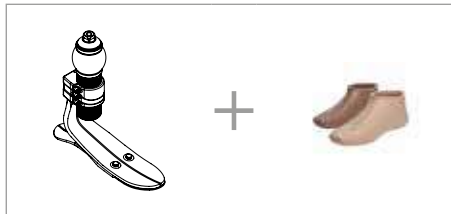
| Foot Information                 |   |
|----------------------------------|---|
| Categories:                      | 1-8   |
| Sizes:                           | 22-30   |
| Weight of Foot: (Size 27)        | 1105g (39 oz) w/ Pyramid and Foot Cover                         |
| Build Height Standard: (Size 27) | 216-265mm (8 4/8" - 10 7/16") w/ Male Pyramid and Foot Cover    |
| Build Height Tall: (Size 27)     | 267 - 319mm (10 4/8" - 12 9/16") w/ Male Pyramid and Foot Cover |
| Heel Height:                     | 10mm (3/8"), 19mm (3/4") available on special order             |
| Adapter Options:                 | Male or Female Pyramid  |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -16-20 inHg                         |
| Added System Weight:       | 130g w/ Pump, Socket Valve and Tube |

# RE-FLEX ROTATE™

## ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID\*



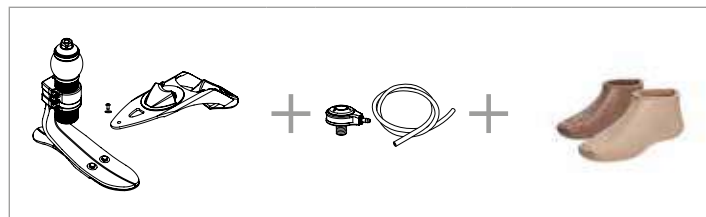
FOR COMPLETE FOOT WITH FEMALE PYRAMID\*



Unity can be ordered with Re-Flex Rotate in the standard foot module height. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Icross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY



\*Foot module also available in tall profile

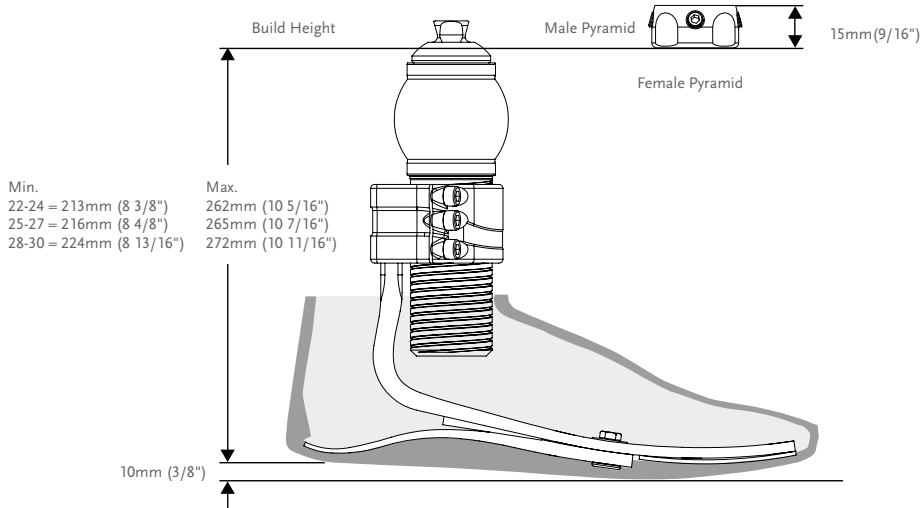
## CATEGORY SELECTION CHART

| Weight kg                | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
|--------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs               | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 |
| Low Impact Category      |        |         |         |         |         |         |         |         |         |
| Size 22-24               | 1      | 1       | 2       | 3       | 4       | 5       | N/A     | N/A     | N/A     |
| Size 25-27               | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
| Size 28-30               | 3      | 3       | 3       | 3       | 4       | 5       | 6       | 7       | 8       |
| Moderate Impact Category |        |         |         |         |         |         |         |         |         |
| Size 22-24               | 1      | 2       | 3       | 4       | 6       | N/A     | N/A     | N/A     | N/A     |
| Size 25-27               | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | N/A     |
| Size 28-30               | 3      | 3       | 3       | 4       | 5       | 6       | 7       | 8       | N/A     |
| High Impact Category     |        |         |         |         |         |         |         |         |         |
| Size 22-24               | 2      | 3       | 4       | 5       | N/A     | N/A     | N/A     | N/A     | N/A     |
| Size 25-27               | 2      | 3       | 4       | 5       | 6       | 7       | 8       | N/A     | N/A     |
| Size 28-30               | 3      | 3       | 4       | 5       | 6       | 7       | 8       | N/A     | N/A     |

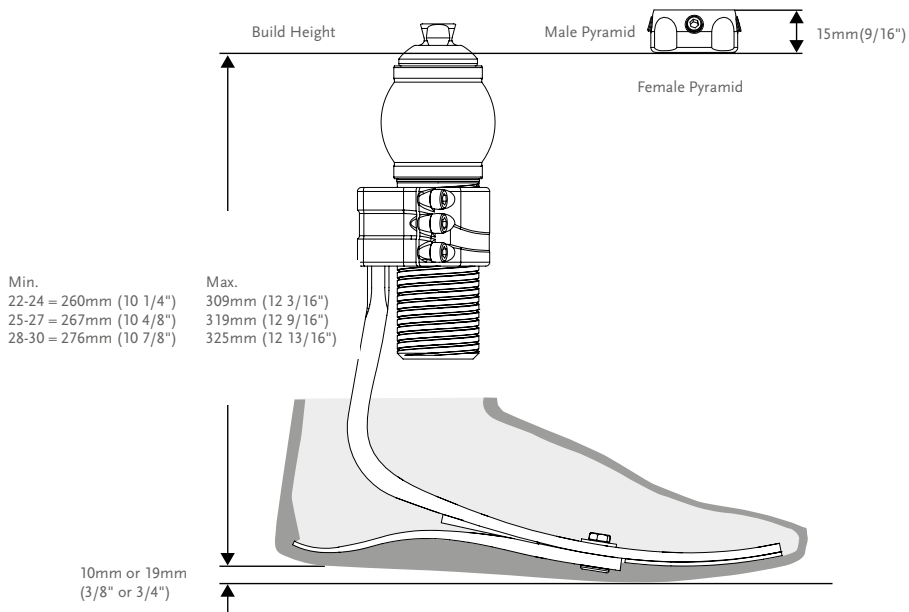
# RE-FLEX ROTATE™

## CLEARANCE

### RE-FLEX ROTATE STANDARD FOOT MODULE



### RE-FLEX ROTATE TALL FOOT MODULE



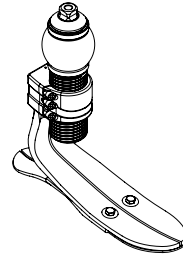
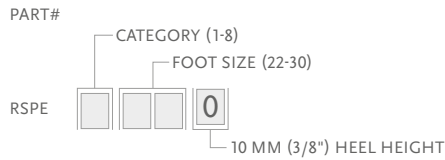
\*Note: Re-Flex Rotate with Unity has the same build height as Re-Flex Rotate.

# RE-FLEX ROTATE™

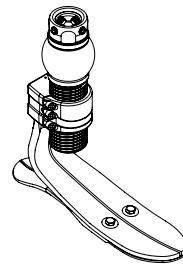
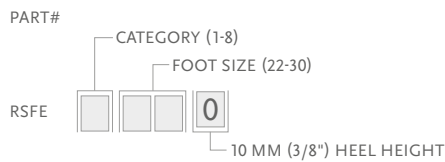
## KITS

### STANDARD PROFILE WITH SHOCK

#### MALE PYRAMID ATTACHMENT

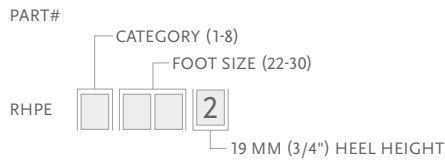
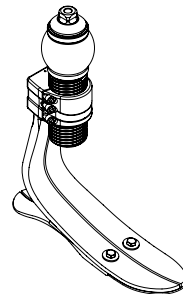
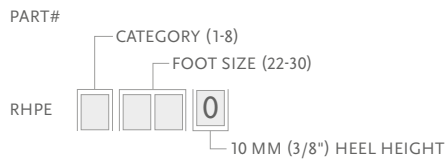


#### FEMALE PYRAMID ATTACHMENT

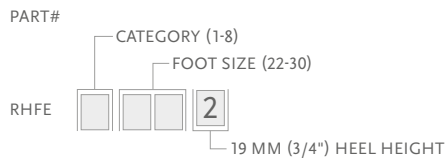
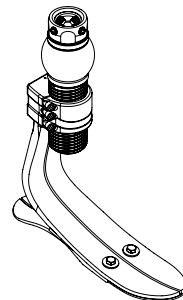
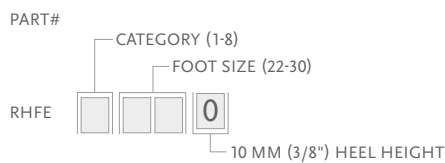


### TALL PROFILE WITH SHOCK

#### MALE PYRAMID ATTACHMENT



#### FEMALE PYRAMID ATTACHMENT



Includes:

- Foot Module
- Shock Kit
- Heel Wedges

Shock Kit Includes:

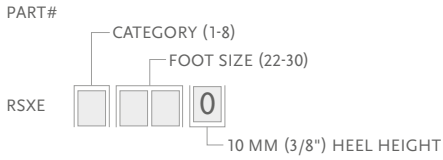
- Male/Female Pyramid Shock Module
- Loctite (Female)

Note: Solid toe is a special order.

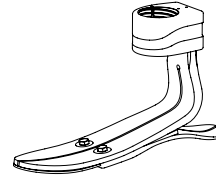
# RE-FLEX ROTATE™

## KITS

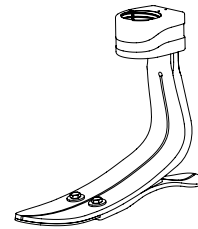
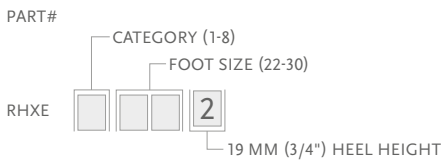
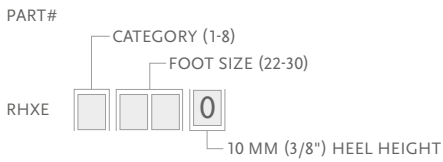
### STANDARD PROFILE WITHOUT SHOCK



Note: 19mm heel height for standard profile, foot size 25-30, available upon special order.



### TALL PROFILE WITHOUT SHOCK



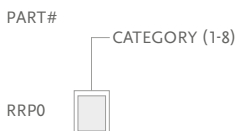
Includes:

- Foot Module

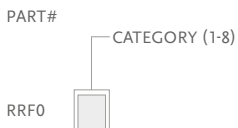
Note: Solid toe is a special order.

### SHOCK KITS

#### ROTATE MALE SHOCK KIT



#### ROTATE FEMALE SHOCK KIT



# RE-FLEX ROTATE™

## COMPONENTS

### HEEL WEDGE KITS

| Tall and Standard Profile Foot Module | Foot Size | Cat. |
|---------------------------------------|-----------|------|
| CM150011                              | 22-30     | ALL  |



- Includes:
- 3 Wedges
  - Adhesive

| Part#    | Description |
|----------|-------------|
| CM160025 | Loctite 243 |

### ATTACHMENT CLAMP SCREW

| Part#    | Description                    |
|----------|--------------------------------|
| CM130140 | M6 16MM Attachment Clamp Screw |

## TOOLS

### TORQUE WRENCH

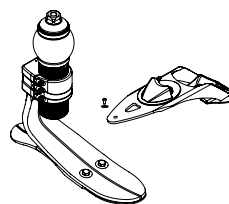
| Part#      | Description              |
|------------|--------------------------|
| FFC7980001 | Torque Wrench 3Nm Preset |



## FOOT KITS WITH UNITY

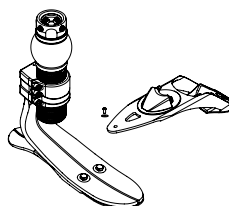
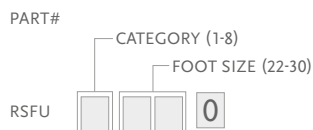
### RE-FLEX ROTATE™ STANDARD PROFILE

#### MALE PYRAMID ATTACHMENT WITH UNITY PUMP



### RE-FLEX ROTATE™ STANDARD PROFILE

#### FEMALE PYRAMID ATTACHMENT WITH UNITY PUMP



Caution: Due to restricted space with the Re-Flex Shock shock module and Unity, SSPE\* kits allow for only 2 full turns of downwards adjustment from the tallest setting. Re-Flex Rotate modules can be set to any height within their designed limits.

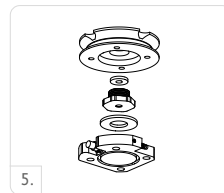
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

# RE-FLEX ROTATE™

## UNITY

### UNITY KITS

| Picture | Part#    | Description                 | Applicable Foot Kits   |
|---------|----------|-----------------------------|------------------------|
| 1       | URS0024  | Unity Pump Module RSX 22-24 | Re-Flex Std Size 22-24 |
| 1       | URS0027  | Unity Pump Module RSX 25-27 | Re-Flex Std Size 25-27 |
| 1       | URS0030  | Unity Pump Module RSX 28-30 | Re-Flex Std Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit          | All                    |
| 3       | UTF0001  | Unity TF Valve Kit          | All                    |
| 4       | UTF0006  | Unity TF Tube Kit           | All                    |
| 5       | L-544611 | Icelock 544 Kit             | All                    |

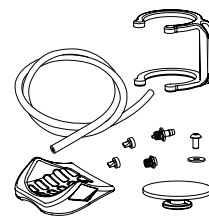


### UNITY SPARE COMPONENTS

| Part#    | Description                |
|----------|----------------------------|
| URS00021 | Unity RS Components, 22-24 |
| URS00022 | Unity RS Components, 25-30 |

Includes:

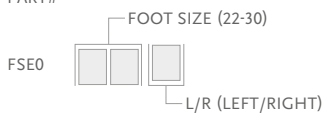
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad



### COSMETIC FINISHING

#### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover
- Spectra Sock
- Foot Cover Attachment

\*Please specify when ordering brown covers, add "BR" to the end of the part number.





# RE-FLEX ROTATE™

## COSMETIC FINISHING

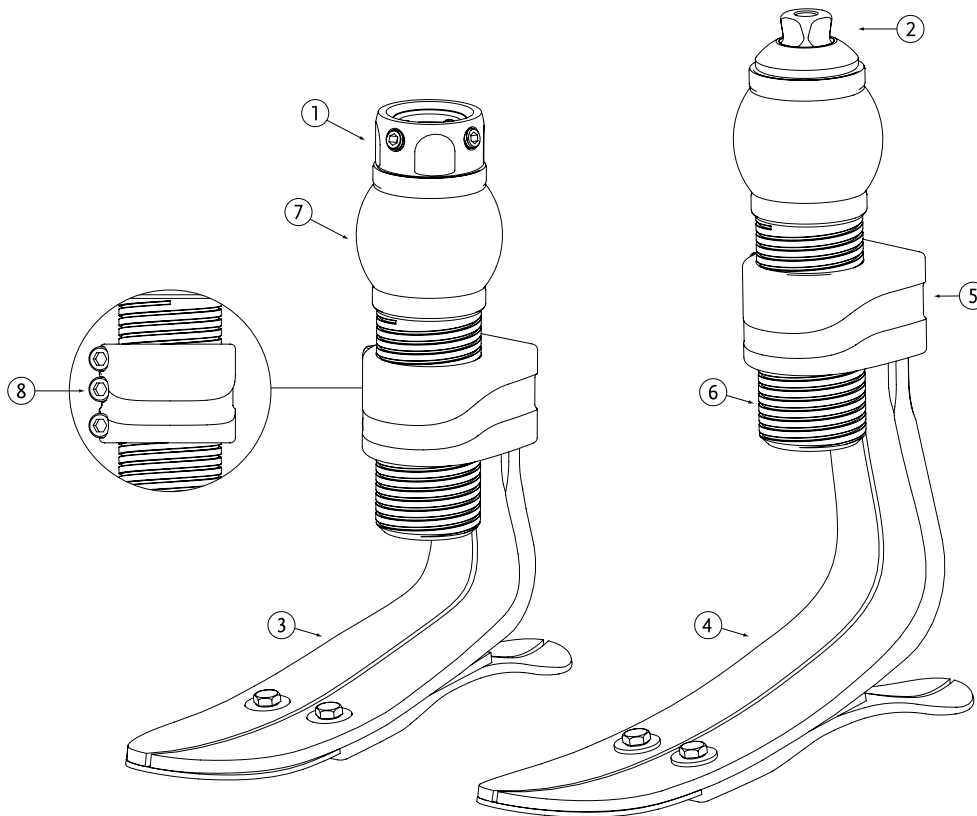
### SPECTRA SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#        | Description            | Size  | Color |
|--------------|------------------------|-------|-------|
| FSEL60001    | Black Sock Small 1 pc  | 22-25 | Black |
| FSEL60002    | Black Sock Large 1 pc  | 26-30 | Black |
| FSEL60001-15 | Black Sock Small 15 pc | 22-25 | Black |
| FSEL60002-15 | Black Sock Large 15 pc | 26-30 | Black |



## DIAGRAM



|    | Description             |
|----|-------------------------|
| 1. | Female Pyramid          |
| 2. | Male Pyramid            |
| 3. | Standard Foot Kit       |
| 4. | Tall Foot Kit           |
| 5. | Fixed Attachment        |
| 6. | Threaded Outer Tube     |
| 7. | Torsion Cell            |
| 8. | Attachment Clamp Screws |

## RE-FLEX SHOCK™



Re-Flex Shock offers the best vertical shock absorption of all the Össur mechanical feet. With dynamic energy return and all around responsiveness the foot is a great choice for active users.

The composite spring in front provides shock absorption that reduces impact subjected to the body. Enhancing both control and comfort during walking and other activities.

The Unity vacuum suspension system is available as an addition to the Re-Flex Shock™ foot module. Unity in combination with Iceross Seal-In technology provides elevated vacuum in the socket during ambulation, without the restricting effect of an external sealing sleeve. Unity adds minimal weight to the existing prosthesis and does not interfere with the function of Re-Flex foot and shock modules.



ÖSSUR FEET

| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 166kg (365lbs)               |



WEATHERPROOF



ACTIVE TIBIAL PROGRESSION



VERTICAL SHOCK PYLON



SPLIT TOE

| Foot Information                 |  |
|----------------------------------|--|
| Categories:                      | 1-9  |
| Sizes:                           | 22-30  |
| Weight of Foot: (Size 27)        | 1076g (38 oz) w/ foot cover and sock                           |
| Build Height Standard: (Size 27) | 210-238mm (8 1/4" - 9 3/8") w/ Foot Cover and Male Pyramid     |
| Build Height Tall: (Size 27)     | 255-288mm (10 1/16" - 11 5/16") w/ Foot Cover and Male Pyramid |
| Heel Height:                     | 10mm (3/8"), 19mm (3/4") available on special order            |
| Adapter:                         | Male Pyramid   |

| Unity System Information   |                                     |
|----------------------------|-------------------------------------|
| Maximum Vacuum:            | -23inHg (-600mmHg)                  |
| Normal Operating Pressure: | -16-20 inHg                         |
| Added System Weight:       | 130g w/ Pump, Socket Valve and Tube |

# RE-FLEX SHOCK™

## ORDERING INFORMATION

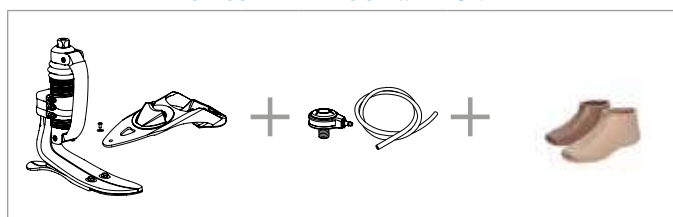
FOR COMPLETE FOOT\*



Unity can be ordered with Re-Flex Shock in the standard foot module height. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Icross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY



\*Foot module also available in tall profile

## CATEGORY SELECTION CHART

|            |        |         |         |         |         |         |         |         |         |           |
|------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Weight kg  | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 | 148 - 166 |
| Weight lbs | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 | 325-366   |

### Low Impact Category

|            |   |   |   |   |   |   |   |     |     |     |
|------------|---|---|---|---|---|---|---|-----|-----|-----|
| Size 22-24 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | N/A | N/A | N/A |
| Size 25-27 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7   | 8   | 9   |
| Size 28-30 | 3 | 3 | 3 | 3 | 4 | 5 | 6 | 7   | 8   | 9   |

### Moderate Impact Category

|            |   |   |   |   |   |   |     |     |     |     |
|------------|---|---|---|---|---|---|-----|-----|-----|-----|
| Size 22-24 | 1 | 2 | 3 | 4 | 6 | 6 | N/A | N/A | N/A | N/A |
| Size 25-27 | 1 | 2 | 3 | 4 | 5 | 6 | 7   | 8   | 9   | N/A |
| Size 28-30 | 3 | 3 | 3 | 4 | 5 | 6 | 7   | 8   | 9   | N/A |

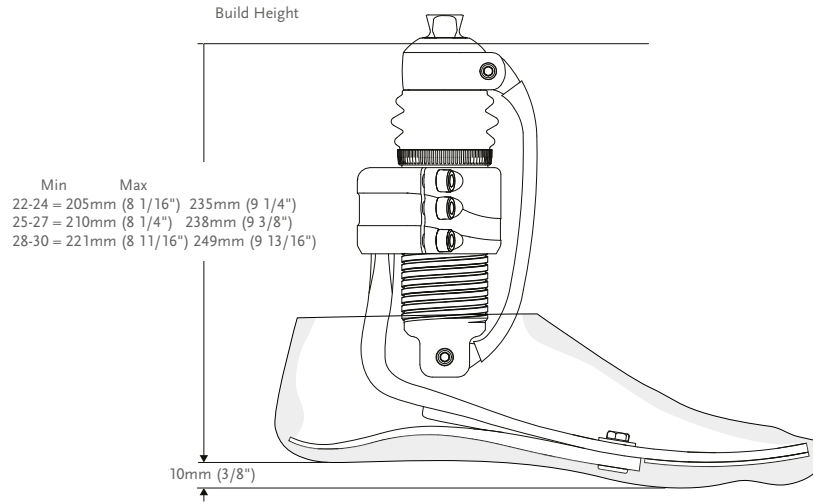
### High Impact Category

|            |   |   |   |   |   |     |     |     |     |     |
|------------|---|---|---|---|---|-----|-----|-----|-----|-----|
| Size 22-24 | 2 | 3 | 4 | 5 | 6 | N/A | N/A | N/A | N/A | N/A |
| Size 25-27 | 2 | 3 | 4 | 5 | 6 | 7   | 8   | 9   | N/A | N/A |
| Size 28-30 | 3 | 3 | 4 | 5 | 6 | 7   | 8   | 9   | N/A | N/A |

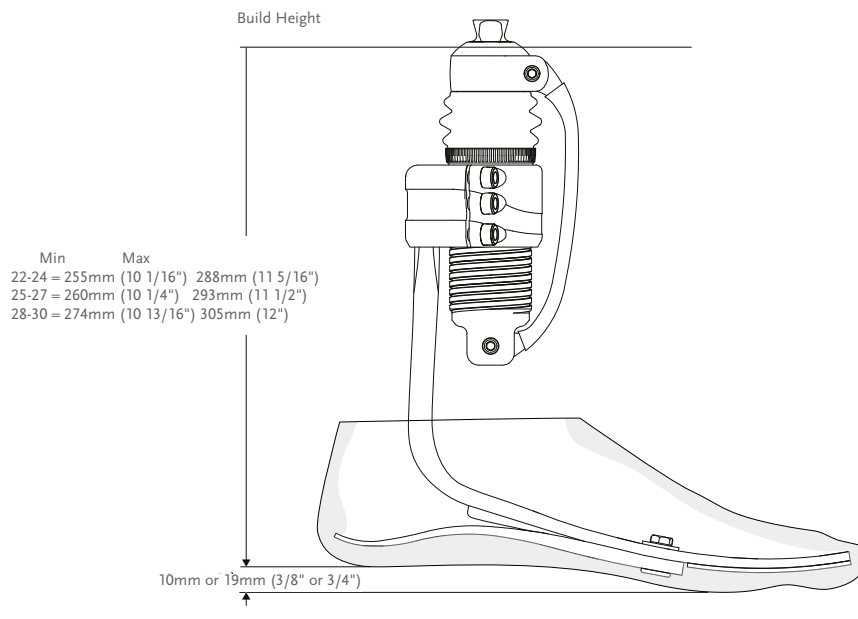
# RE-FLEX SHOCK™

## CLEARANCE

### RE-FLEX SHOCK STANDARD FOOT MODULE



### RE-FLEX SHOCK TALL FOOT MODULE



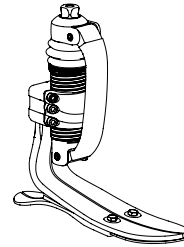
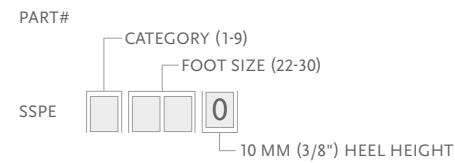
\*Note: Re-Flex Shock with Unity has the same build height as Re-Flex Shock.

# RE-FLEX SHOCK™

## KITS

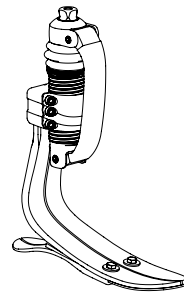
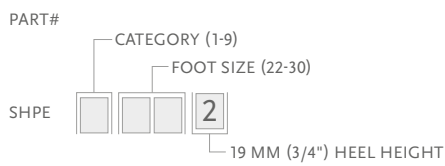
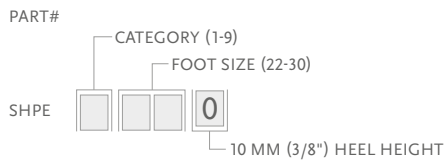
### STANDARD PROFILE WITH SHOCK

MALE PYRAMID ATTACHMENT



### TALL PROFILE WITH SHOCK

MALE PYRAMID ATTACHMENT



Includes:

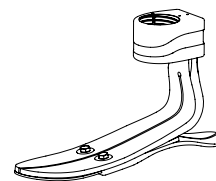
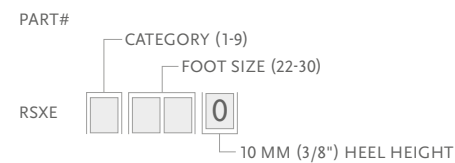
- Foot Module
- Shock Module with Carbon Front Spring
- Heel Wedges

Shock Kit Includes:

- Male Pyramid Shock Module
- Loctite

Note: Solid toe is a special order.

### STANDARD PROFILE WITHOUT SHOCK



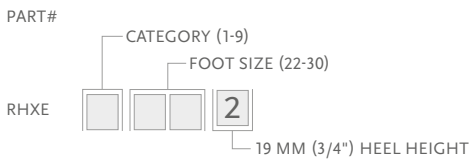
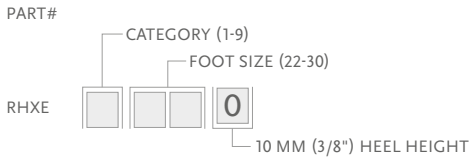
Note: 19mm heel height for standard profile, foot size 25-30, available upon special order.

ÖSSUR FEET

# RE-FLEX SHOCK™

## KITS

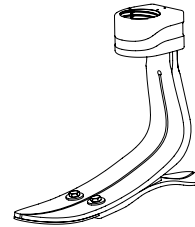
### TALL PROFILE WITHOUT SHOCK



Includes:

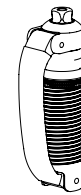
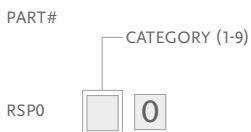
- Foot Module

Note: Solid toe is a special order.



### SHOCK KITS

#### MALE SHOCK KIT



## COMPONENTS

### HEEL WEDGE KITS

| Tall and Standard Profile Foot Module | Foot Size | Cat. |
|---------------------------------------|-----------|------|
| CM150011                              | 22-30     | ALL  |

Includes:

- 3 Wedges
- Adhesive



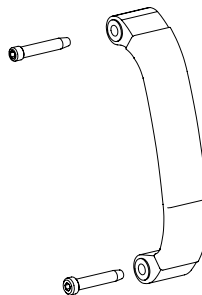
| Part#    | Description |
|----------|-------------|
| CM160025 | Loctite 243 |

# RE-FLEX SHOCK™

## COMPONENTS

### FRONT SPRINGS

| Part#    | Cat. |
|----------|------|
| RSS44001 | 1    |
| RSS44002 | 2    |
| RSS44003 | 3    |
| RSS44004 | 4    |
| RSS44005 | 5    |
| RSS44006 | 6    |
| RSS44007 | 7    |
| RSS44008 | 8    |

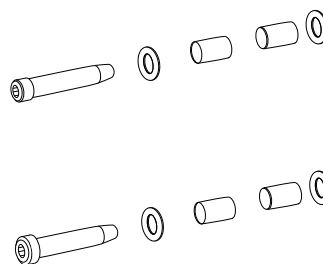


Includes:

- Front Spring
- 2 Pins

### BUSHING KIT

| Part#    | Description |
|----------|-------------|
| RSS00001 | Bushing Kit |



Includes:

- 4 Bushings
- 4 Disc Springs
- 2 Pins

### LOWER RING

| Part#    | Description          |
|----------|----------------------|
| RSS40011 | Re-Flex Shock Bellow |
| RSS40012 | Re-Flex Shock Collar |

## TOOLS

### TORQUE WRENCH

| Part#      | Description              |
|------------|--------------------------|
| FFC7980001 | Torque Wrench 3Nm Preset |



# RE-FLEX SHOCK™

## FOOT KITS WITH UNITY

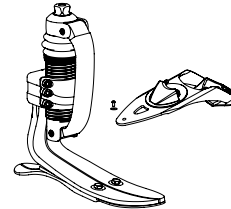
### RE-FLEX SHOCK™ STANDARD PROFILE WITH UNITY PUMP

MALE PYRAMID ATTACHMENT

PART#

CATEGORY (1-9)  
FOOT SIZE (22-30)

SSPU



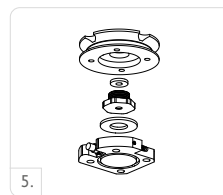
Caution: Due to restricted space with the Re-Flex Shock shock module and Unity, SSPE\* kits allow for only 2 full turns of downwards adjustment from the tallest setting. Re-Flex Rotate modules can be set to any height within their designed limits.

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

## UNITY

### UNITY KITS

| Picture | Part#    | Description                 | Applicable Foot Kits   |
|---------|----------|-----------------------------|------------------------|
| 1       | URS0024  | Unity Pump Module RSX 22-24 | Re-Flex Std Size 22-24 |
| 1       | URS0027  | Unity Pump Module RSX 25-27 | Re-Flex Std Size 25-27 |
| 1       | URS0030  | Unity Pump Module RSX 28-30 | Re-Flex Std Size 28-30 |
| 2       | UTT0001  | Unity TT Valve Kit          | All                    |
| 3       | UTF0001  | Unity TF Valve Kit          | All                    |
| 4       | UTF0006  | Unity TF Tube Kit           | All                    |
| 5       | L-544611 | Icelock 544 Kit             | All                    |

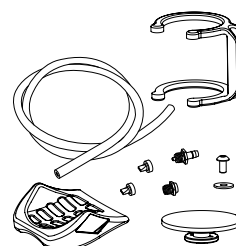


## SPARE COMPONENTS

| Part#    | Description                |
|----------|----------------------------|
| URS00021 | Unity RS Components, 22-24 |
| URS00022 | Unity RS Components, 25-30 |

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

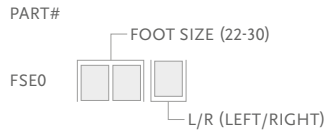




# RE-FLEX SHOCK™

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



Includes:

- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

\*Please specify when ordering brown covers, add "BR" to the end of the part number.

### SPECTRA SOCKS

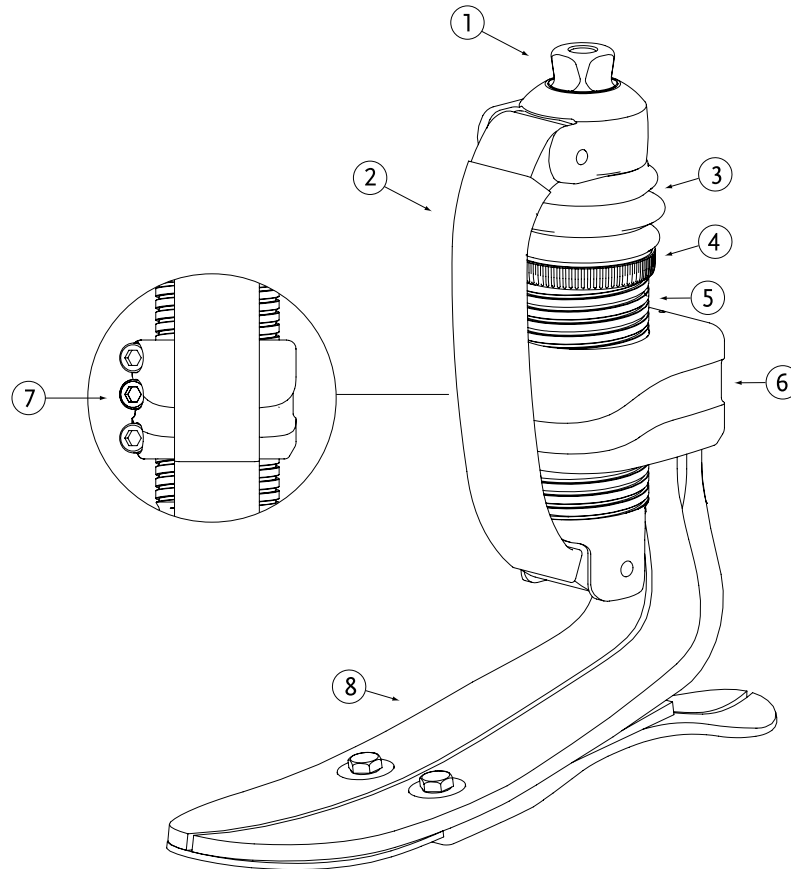
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#        | Description            | Size  | Color |
|--------------|------------------------|-------|-------|
| FSEL60001    | Black Sock Small 1 pc  | 22-25 | Black |
| FSEL60002    | Black Sock Large 1 pc  | 26-30 | Black |
| FSEL60001-15 | Black Sock Small 15 pc | 22-25 | Black |
| FSEL60002-15 | Black Sock Large 15 pc | 26-30 | Black |



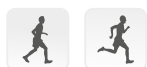
# RE-FLEX SHOCK™

## DIAGRAM



|    | Description             |
|----|-------------------------|
| 1. | Male Pyramid            |
| 2. | Front Spring            |
| 3. | Bellow                  |
| 4. | Collar                  |
| 5. | Threaded Outer Tube     |
| 6. | Fixed Attachment Clamp  |
| 7. | Attachment Clamp Screws |
| 8. | Foot Module             |

# CHEETAH® XPLORE



Cheetah Xplore is a crossover foot prosthesis inspired by the original Cheetah design. Although primarily designed for everyday use, Cheetah Xplore allows the user to engage in various sports and activities. The foot combines high energy return and dynamic push-off with increased balance and stability when compare to standard energy storing feet, supporting amputees with an active lifestyle.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Moderate to Extreme          |
| Maximum Patient Weight: | 147kg (324lbs)               |



FULL LENGTH TOE LEVER



ACTIVE TIBIAL PROGRESSION



WATERPROOF



SPLIT TOE

Note: When the foot is directly laminated onto the socket the device is waterproof. A waterproof device allows use in a wet and/or humid environment and temporary (<30 mins.) submersion of up to 1m in fresh water. Exposure to fresh water under these circumstances shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water. The components used with the foot need to be waterproof as well.

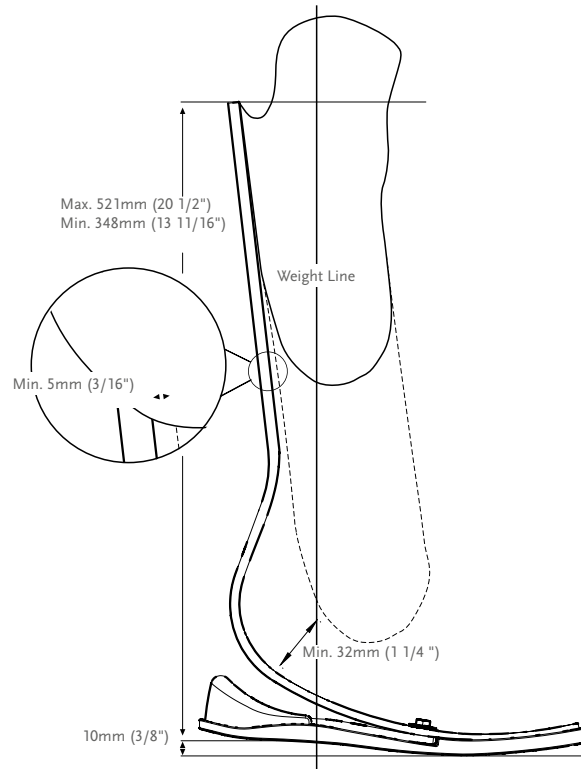
| Foot information         |   |
|--------------------------|---|
| Categories:              | 1-9   |
| Sizes:                   | One Size Per Category   |
| Weight of Foot (Cat. 5): | 646g (22.8oz)   |
| Build Height:            | Max. height of the posterior brim: 521mm (20 1/2")<br>Min. height of the posterior brim: 348mm (13 11/16")<br>Min. clearance from the socket to the foot: 32mm (1 1/4") |
| Adapter Options:         | Lamination Connector  |

## CATEGORY SELECTION CHART

| Weight kg             | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs            | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-221 | 222-256 | 257-287 | 288-324 |
| Moderate Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| High Impact Level     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |

# CHEETAH® XPLORE

## CLEARANCE WITH DIRECT LAMINATION



ÖSSUR FEET

## KITS

### CHEETAH XPLORE KIT\*

| PART#  | CATEGORY (1-9) |
|--------|----------------|
| FSX009 |                |



Includes:

- Foot Module
- Foam Heel Counter
- Foam Sole
- +Pluseries Adhesives 220 ml - Composite 1 Minute

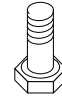
\*Cheetah Xplore comes with +Pluseries composite 1 minute adhesive. The +Pluseries adhesive dispenser needs to be ordered separately. The Lamination connector may also be ordered separately with Cheetah Xplore.

# CHEETAH® XPLORE

## KITS

### ATTACHMENT BOLT FOR LAMINATION CONNECTOR

| Part#    | Description                              | Size              | Cat. |
|----------|--|-------------------|------|
| CM130218 | Attachment Bolt for Lamination Connector | 5/16"-24 x 1 1/2" | 1-6  |
| CM130213 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/4"  | 7-9  |

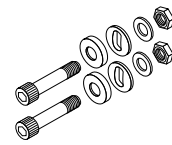


### HARDWARE KIT FOR T CONNECTORS

| Part#    | Length |       | Weight |       | Size     | Cat. |
|----------|--------|-------|--------|-------|----------|------|
| CM100054 | 8mm    | 5/16" | 108g   | 3.8oz | x 2-1/2" | 1-6  |
| CM100055 | 10mm   | 3/8"  | 144g   | 5oz   | x 2-1/2" | 7-9  |

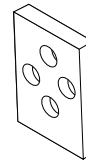
Includes:

- Bolts
- Nuts
- Spherical Washer
- Flat Washer



### ALIGNMENT WEDGES

| Part#    | Description         | Cat. |
|----------|---------------------|------|
| CM140502 | Alignment Wedges 2° | ALL  |
| CM140505 | Alignment Wedges 4° | ALL  |
| CM140508 | Alignment Wedges 6° | ALL  |
| CM140511 | Alignment Wedges 8° | ALL  |



### HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

| Part#    | Foot Size |
|----------|-----------|
| CM150011 | 22-30     |

Includes:

- 3 Wedges
- Adhesive



### LAMINATION CONNECTOR KIT

| Part#    | Description          | Cat. |
|----------|----------------------|------|
| FSX50009 | Lamination Connector | 1-9  |

Includes:

- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

# CHEETAH® XPLORE

## TOOLS

### +PLUSERIES DISPENSER

| Part#    | Description                 |
|----------|-----------------------------|
| FSX80016 | +Pluseries 220 ml Dispenser |



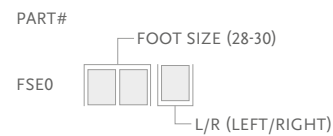
### +PLUSERIES ADHESIVE

| Part#    | Description   |
|----------|---|
| FSX80015 | +Pluseries Adhesive 220 ml - Composite 1 Minute     |
| FSX80017 | +Pluseries Mixing Nozzle Includes: 6 Mixing Nozzles |



## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



Includes:

- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

\*Please specify when ordering brown covers, add "BR" to the end of the part number.

### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#        | Description            | Size  | Color |
|--------------|------------------------|-------|-------|
| FSEL60002    | Black Sock Large 1 pc  | 26-30 | Black |
| FSEL60002-15 | Black Sock Large 15 pc | 26-30 | Black |

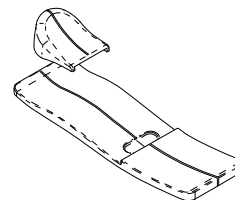


### FOAM HEEL COUNTER AND SOLE

| Part#    |
|----------|
| FSX60001 |

Includes:

- Foam Heel Counter
- Foam Sole



# FLEX-SYMES™



Extremely low build height with a Carbon-X® Active Heel and alignment options.

The Flex-Symes foot design is a carbon foot module connected to an actively deflecting carbon heel. The improved alignment adapter now offers angulation and adjustments in ML / AP planes.

Flex-Symes is specifically designed for people with symes and pyrogoff amputations or transtibial users with long residual limbs.



| User Information        |                       |
|-------------------------|-----------------------|
| Amputation Level:       | Ankle Disarticulation |
| Impact Level:           | Low to High           |
| Maximum Patient Weight: | 166kg (365lbs)        |



FULL LENGTH TOE LEVER



SPLIT TOE



WATERPROOF

| Foot Information          |   |
|---------------------------|---|
| Categories:               | Size 22-24; Cat. 1-6 / Size 27-30; Cat. 1-9 |
| Sizes:                    | 22-30                                       |
| Weight of Foot: (Size 27) | 528 g (18.6 oz) w/ Foot Cover               |
| Build Height: (Size 27)   | 60mm (2 3/8") w/ Foot Cover                 |
| Heel Height:              | 10mm (3/8")                                 |
| Adapter Options:          | Direct Lamination Adapter                   |

## ORDERING INFORMATION

FOR COMPLETE FOOT WITH SOCKET ADAPTER



FOR COMPLETE FOOT WITHOUT ADAPTER

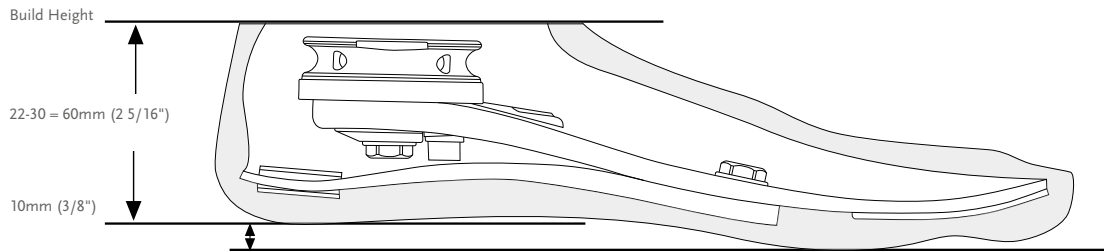


## CATEGORY SELECTION CHART

| Weight kg             | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 | 148-166 |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs            | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-324 | 325-356 |
| Low Impact Level      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |
| Moderate Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     |
| High Impact Level     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       | N/A     | N/A     |

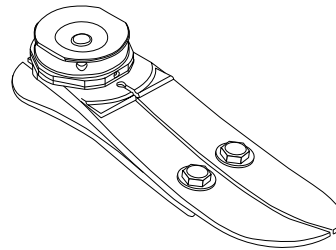
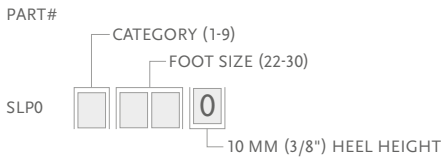
# FLEX-SYMES™

## CLEARANCE



## KITS

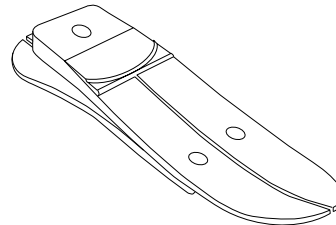
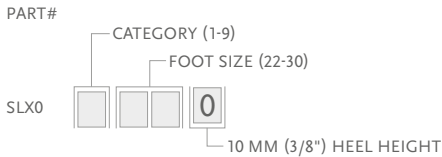
### FLEX-SYMES WITH SOCKET ADAPTER



#### Includes:

- Carbon foot module with heel
- 2 Circular alignment wedges
- 2 Alignment pins
- 1 Anti-rotation bolt
- Washer
- Loctite 410
- Epoxy potting
- Socket adapter

### FLEX-SYMES WITHOUT ADAPTER



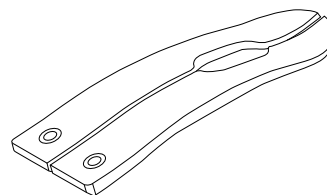
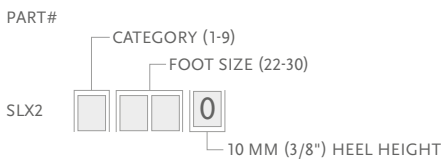
#### Includes:

- Carbon foot module with heel
- 2 Circular alignment wedges
- 2 Alignment pins
- 1 Anti-rotation bolt
- Washer
- Loctite 410
- Epoxy potting

Note: Solid toe is a special order.

## COMPONENTS

### HEEL MODULE



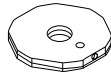


# FLEX-SYMES™

## COMPONENTS

### ALIGNMENT DISC KIT

| Part#    | Foot Size | Cat. |
|----------|-----------|------|
| SLP30001 | 22-24     | 1-6  |
| SLP30002 | 25-27     | 1-6  |
| SLP30003 | 28-30     | 1-6  |
| SLP30004 | 25-27     | 7-9  |
| SLP30005 | 28-30     | 7-9  |

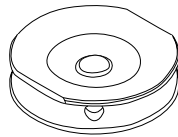


Includes:

- 2 Circular alignment wedges
- 2 Alignment pins
- 1 Anti rotation bolt
- Washer
- Loctite 410

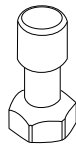
### SOCKET ADAPTER WITH INSERT

| Part#    | Cat. | Foot Size |
|----------|------|-----------|
| SLX50001 | 1-6  | 22-24     |
| SLX50002 | 1-6  | 25-27     |
| SLX50003 | 1-6  | 28-30     |
| SLX50004 | 7-9  | 25-27     |
| SLX50005 | 7-9  | 28-30     |



### CENTRAL BOLTS

| Part#    | Foot Size | Bolt Size | Cat. |
|----------|-----------|-----------|------|
| SLX30021 | 22-27     | M12       | 1-6  |
| SLX30022 | 25-27     | M14       | 7-9  |
| SLX30022 | 28-30     | M14       | 1-6  |
| SLX30023 | 28-30     | M16       | 7-9  |



### LAMINATION KIT

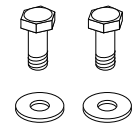
| Part#    | Foot Size | Cat. |
|----------|-----------|------|
| SLP30011 | 22-24     | 1-6  |
| SLP30012 | 25-27     | 1-6  |
| SLP30013 | 28-30     | 1-6  |
| SLP30014 | 25-27     | 7-9  |
| SLP30015 | 28-30     | 7-9  |

Includes:

- Socket adapter with insert
- Epoxy potting

### HEEL FASTENER HARDWARE KIT

| Part#    | Length      | Size      | Cat. |
|----------|-------------|-----------|------|
| CM150004 | 18mm 11/16" | 6mm 1/4"  | 1-6  |
| CM150005 | 18mm 11/16" | 8mm 5/16" | 7-9  |

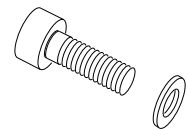


Includes:

- Bolt
- Washer

### ANTI-ROTATION BOLT KIT

| Part#    | Foot Size | Bolt Size |
|----------|-----------|-----------|
| SLX30005 | 22-27     | M6        |
| SLX30007 | 28-30     | M8        |



Includes:

- Bolt
- Washer

### HEEL WEDGE KIT

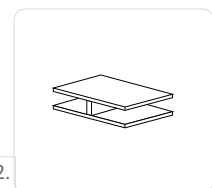
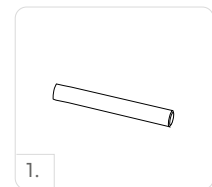
| Part#    | Foot Size | Cat. |
|----------|-----------|------|
| CM150011 | 22-30     | 1-9  |



Includes:

- 3 Wedges
- Adhesive

| Picture | Part#    | Description   |
|---------|----------|---------------|
| 1.      | SLX30006 | Alignment Pin |
| 2.      | CM140003 | Heel Divider  |
|         | CM160009 | Potting Epoxy |

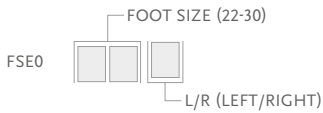


# FLEX-SYMES™

## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*

PART#



Includes:

- Foot Cover\*
- Attachment Plate
- Flex Foot Sock

\*Please specify when ordering brown covers add "BR" to the part#.

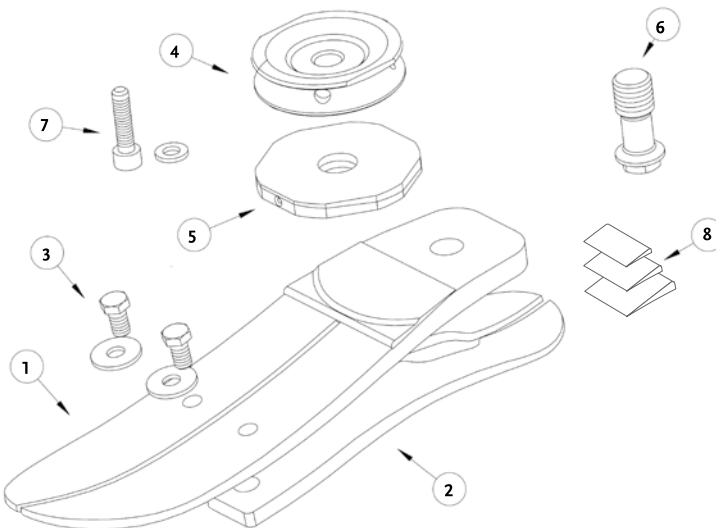
### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#        | Description            | Size  | Color |
|--------------|------------------------|-------|-------|
| FSEL60001    | Black Sock Small 1 pc  | 22-25 | Black |
| FSEL60002    | Black Sock Large 1 pc  | 26-30 | Black |
| FSEL60001-15 | Black Sock Small 15 pc | 22-25 | Black |
| FSEL60002-15 | Black Sock Large 15 pc | 26-30 | Black |



## DIAGRAM



|    | Description                |    | Description            |
|----|----------------------------|----|------------------------|
| 1. | Foot Module                | 5. | Alignment Disc Kit     |
| 2. | Heel                       | 6. | Central Bolt           |
| 3. | Heel Fastener Hardware Kit | 7. | Anti-Rotation Bolt Kit |
| 4. | Socket Adapter             | 8. | Heel Wedge Kit         |

# CHOPART



This 100% carbon keel is designed to be a flexible and durable solution for the longest amputation levels and partial foot prostheses.

Includes a 10mm heel height for compatibility with standard Flex-Foot shells and low-heel shoes.

Chopart is specifically designed for people with chopart amputations as well as lisfranc, pirogoff, boyd and partial foot prostheses.



| User Information        |   |
|-------------------------|---|
| Amputation Level:       | Transtibial Amputees Lisfranc, Pirogoff, Boyd and Partial Foot Amputees |
| Impact Level:           | Low to High   |
| Maximum Patient Weight: | 147kg (324lbs)  |

| Foot Information          |             |
|---------------------------|-------------|
| Categories:               | 1-8         |
| Sizes:                    | 22-30       |
| Weight of Foot: (Size 27) | 94g (3.3oz) |
| Build Height: (Size 27)   | 6mm (1/4")  |



FULL LENGTH TOE LEVER



WATERPROOF

## ORDERING INFORMATION

FOR COMPLETE FOOT



## CATEGORY SELECTION CHART

|                       |        |         |         |         |         |         |         |               |               |
|-----------------------|--------|---------|---------|---------|---------|---------|---------|---------------|---------------|
| Weight kg             | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130       | 131-147       |
| Weight lbs            | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287       | 288-324       |
| Low Impact Level      | 1      | 1       | 2       | 3       | 4       | 5       | 6       | 7             | 8             |
| Moderate Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8             | Special Order |
| High Impact Level     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | Special Order | Special Order |

Chopart foot plates are a standard order in the following sizes and categories:

Sizes 22-24 in categories 1-5

Sizes 25-26 in categories 2-6

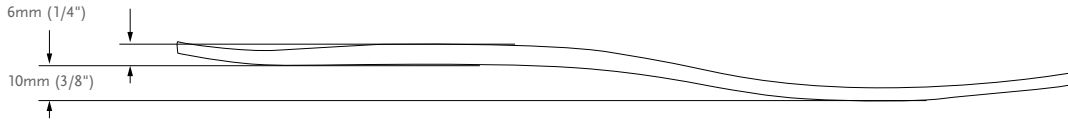
Sizes 27-28 in categories 3-7

Sizes 29-30 in categories 4-8

For information on special or custom orders, please contact your local Össur representative.

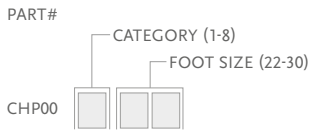
# CHOPART

## CLEARANCE



## COMPONENTS

### COMPLETE FABRICATION KIT

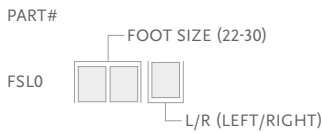


- Includes:
- Carbon Fiber Foot Plate
  - Carbon Fiber cloth
  - Epoxy
  - Crepe soling material



## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



- Includes:
- Foot Cover Kit
  - Foot Cover Attachment
  - Flex-Foot Sock

\*Please specify when ordering brown covers, add "BR" to the end of the part number.



### FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



## CHOPART ACCESSORIES

### SHOE HORN

Especially designed for Flex-Foot feet, this shoe horn makes donning and doffing foot shells fast and easy.

| Part#    | Description |
|----------|-------------|
| CM100068 | Shoe Horn   |



### DUAL DENSITY SHIN FAIRING

The Dual Density Shin Fairing allows the range of motion in the ankle section to be maximized without compromising the integrity of the foam where it is attached to the foot cover.

| Part#   | Size     |
|---------|----------|
| FCX0002 | One Size |

Includes:

- Flexible section at ankle
- Fire retardant



### SINGLE DENSITY SHIN FAIRING BLOCK

| Part#    | Size     |
|----------|----------|
| C-860977 | One Size |

Includes:

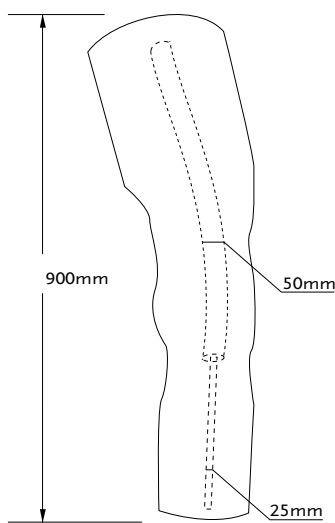
- Closed Cell Polyethylene Foam (25g)
- Fire retardant



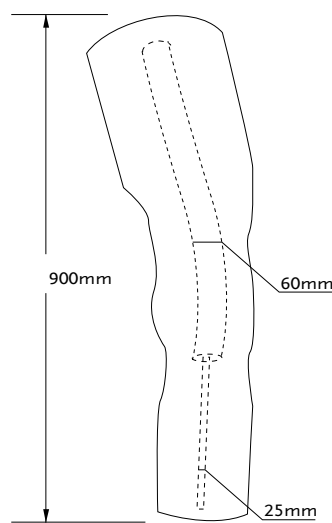
### CONTINUOUS COSMETIC FOAM

| Part#    | Bore Size |
|----------|-----------|
| C-880877 | 50-25     |
| C-880878 | 60-25     |
| C-880879 | 80-25     |

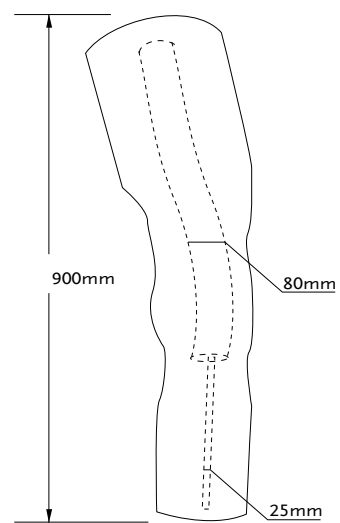
- Designed to fit left or right
- Open Cell Polyethylene foam (60g)
- Fire retardant



Part# C-880877



Part# C-880878

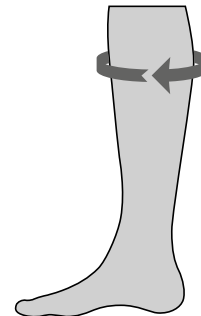


Part# C-880879

# SKINERGY™ PLUS - SPLIT TOE FRONT

Protective silicone cover with split toe front for a sophisticated below knee prosthesis. The silicone protective cover Skinergy PLUS is for use with below-knee prostheses. The wash-and-wear cover protects the cosmesis of the below-knee prosthesis and is available in 19 different shades, two different below-knee prosthesis circumference sizes, and in foot sizes 22 to 30 cm. Skinergy PLUS is characterised by its extra textile backing for additional durability and flexibility in fabrication. This backing functions particularly reliably at exposed areas (e.g. at the heel).

| Size Information |           |                    |           |            |               |
|------------------|-----------|--------------------|-----------|------------|---------------|
| Side             | Foot size | Calf Circumference | Colour E2 | Coloure E4 | Other Colours |
| Left             | 22–23     | 28–35cm            | M845002   | M845004    | Special order |
|                  | 22–23     | 32–40cm            | M845012   | M845014    | Special order |
|                  | 24–25     | 31–39cm            | M845202   | M845204    | Special order |
|                  | 24–25     | 35–44cm            | M845212   | M845214    | Special order |
|                  | 26–27     | 32–40cm            | M845402   | M845404    | Special order |
|                  | 26–27     | 37–46cm            | M845412   | M845414    | Special order |
|                  | 28–30     | 34–42,5cm          | M845602   | M845604    | Special order |
|                  | 28–30     | 39–49cm            | M845612   | M845614    | Special order |
| Right            | 22–23     | 28–35cm            | M845102   | M845104    | Special order |
|                  | 22–23     | 32–40cm            | M845112   | M845114    | Special order |
|                  | 24–25     | 31–39cm            | M845302   | M845304    | Special order |
|                  | 24–25     | 35–44cm            | M845312   | M845314    | Special order |
|                  | 26–27     | 37–46cm            | M845512   | M845514    | Special order |
|                  | 28–30     | 34–42,5cm          | M845702   | M845704    | Special order |
|                  | 28–30     | 39–49cm            | M845712   | M845714    | Special order |



## SELECTING THE PRODUCT

Select the silicone protective cover as follows:

- Choose: split or solid toe
- Determine foot size and side
- Measure the C circumference of the calf (at the widest point) or at the appropriate position on the below-knee socket
- Decide on the colour using the Skinergy PLUS colour fan Art. No. 70.209.

## SKINERGY PLUS IS ONLY AVAILABLE IN THE FOLLOWING COUNTRIES:

Austria, Germany, Belgium, Italy, Switzerland, Slovakia, Luxembourg, Spain, Moldavia, Georgia Morocco, Ceuta & Melilla, Panama, Costa Rica, Honduras, Chile, Argentina,

## SPECIAL ORDERS

If you are choosing a colour which is not standard (colour 2 or 4 are standard) please be informed that we need 3-4 weeks for delivery. This special orders are manufactured on order and not for stock!

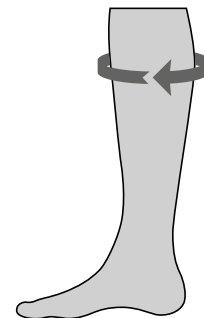
## SKINERGY™ PLUS - CLOSED TOE FRONT

Protective silicone cover with solid toe front for a sophisticated below knee prosthesis. The silicone protective cover Skinergy PLUS is for use with below-knee prostheses. The wash-and-wear cover protects the cosmesis of the below-knee prosthesis and is available in 19 different shades, two different below-knee prosthesis circumference sizes, and in foot sizes 22 to 30 cm. Skinergy PLUS is characterised by its extra textile backing for additional durability and flexibility in fabrication. This backing functions particularly reliably at exposed areas (e.g. at the heel).

| Size Information |           |                    |           |            |               |
|------------------|-----------|--------------------|-----------|------------|---------------|
| Side             | Foot size | Calf Circumference | Colour E2 | Coloure E4 | Other Colours |
| Left             | 22-23     | 28-35cm            | M846002   | M846004    | Special order |
|                  | 22-23     | 32-40cm            | M846012   | M846014    | Special order |
|                  | 24-25     | 31-39cm            | M846202   | M846204    | Special order |
|                  | 24-25     | 35-44cm            | M846212   | M846214    | Special order |
|                  | 26-27     | 32-40cm            | M846402   | M846404    | Special order |
|                  | 26-27     | 37-46cm            | M846412   | M846414    | Special order |
|                  | 28-30     | 34-42,5cm          | M846602   | M846604    | Special order |
|                  | 28-30     | 39-49cm            | M846612   | M846614    | Special order |
| Right            | 22-23     | 28-35cm            | M846102   | M846104    | Special order |
|                  | 22-23     | 32-40cm            | M846112   | M846114    | Special order |
|                  | 24-25     | 31-39cm            | M846302   | M846304    | Special order |
|                  | 24-25     | 35-44cm            | M846312   | M846314    | Special order |
|                  | 26-27     | 37-46cm            | M846512   | M846514    | Special order |
|                  | 28-30     | 34-42,5cm          | M846702   | M846704    | Special order |
|                  | 28-30     | 39-49cm            | M846712   | M846714    | Special order |



ÖSSUR FEET



### SELECTING THE PRODUCT

Select the silicone protective cover as follows:

- Choose: split or solid toe
- Determine foot size and side
- Measure the C circumference of the calf (at the widest point) or at the appropriate position on the below-knee socket
- Decide on the colour using the Skinergy PLUS colour fan Art. No. 70.209.

### SKINERGY PLUS IS ONLY AVAILABLE IN THE FOLLOWING COUNTRIES:

Austria, Germany, Italy, Switzerland, Slovakia, Spain, Moldavia, Georgia Morocco, Ceuta & Melilla, Panama, Costa Rica, Honduras, Chile, Argentina,



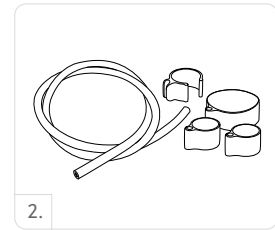
### SPECIAL ORDERS

If you are choosing a colour which is not standard (colour 2 or 4 are standard) please be informed that we need 3-4 weeks for delivery. This special orders are manufactured on order and not for stock!

# UNITY® SPARE PARTS

## VALVE CORE

| Picture | Part#   | Description           |
|---------|---------|-----------------------|
| 1       | UTT0005 | Unity TT Valve Core   |
| 2       | UTF0006 | Unity Tube Kit for TF |



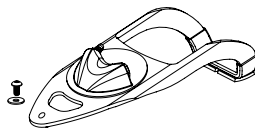
## PUMPS

### PROPRIO FOOT PUMPS

| Part#    | Description               |
|----------|---------------------------|
| UPR00012 | Unity PR Spare Pump 25-27 |
| UPR00013 | Unity PR Spare Pump 28-30 |

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

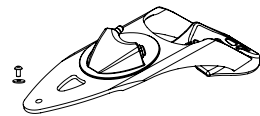


### RE-FLEX PUMPS

| Part#    | Description               |
|----------|---------------------------|
| URS00011 | Unity RS Spare Pump 22-24 |
| URS00012 | Unity RS Spare Pump 25-27 |
| URS00013 | Unity RS Spare Pump 28-30 |

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

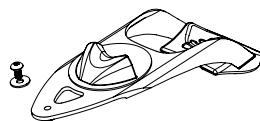


### VARI-FLEX PUMPS

| Part#    | Description               |
|----------|---------------------------|
| UVF00011 | Unity VF Spare Pump 22-24 |
| UVF00012 | Unity VF Spare Pump 25-27 |
| UVF00013 | Unity VF Spare Pump 28-30 |

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad



### LP VARI-FLEX PUMPS

| Part#    | Description               |
|----------|---------------------------|
| UVL00011 | Unity VL Spare Pump 22-24 |
| UVL00012 | Unity VL Spare Pump 25-27 |
| UVL00013 | Unity VL Spare Pump 28-30 |

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad





# ÖSSUR SPORT SOLUTIONS

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CHEETAH KNEE



FLEX-RUN WITH NIKE SOLE



FLEX-FOOT CHEETAH XTREME WITH NIKE SPIKE PAD



FLEX-FOOT CHEETAH XTEND WITH NIKE SPIKE PAD



FLEX-FOOT CHEETAH

ÖSSUR SPORT SOLUTIONS

# CHEETAH® KNEE



The Cheetah Knee is a lightweight polycentric knee with 3-phase hydraulic swing control, specifically designed for rapid flexion and extension for running and sprinting. The polycentric design offers good stability in stance, allowing for controlled deceleration enabling users to participate in a wide range of sports activities. Although not specifically designed for walking, Cheetah Knee's 4-bar geometry makes it possible to walk and easily transition from walking to jogging and/or running.

- Polycentric knee, designed for high activity such as jogging, running and sprinting
- 4-bar geometry for increased stability in stance
- Hydraulic swing control to support rapid flexion and extension
- Soft extension bumper
- Short knee center to top distance, useful for long transfemoral limbs or knee disarticulation
- Male pyramid distal connection for easy alignment



| Patient Profile:        |                                       |
|-------------------------|---------------------------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |
| Impact Level:           | Moderate to Extreme                   |
| Maximum Patient Weight: | 100 kg (220 lbs)                      |

| Product Information: |                    |
|----------------------|--------------------|
| Build Height:        | 108mm (4.3")       |
| Weight of Knee:      | 0.62 kg (1.37 lbs) |
| Flexion:             | 110°               |



SINGLE AXIS



HYDRAULIC CONTROL

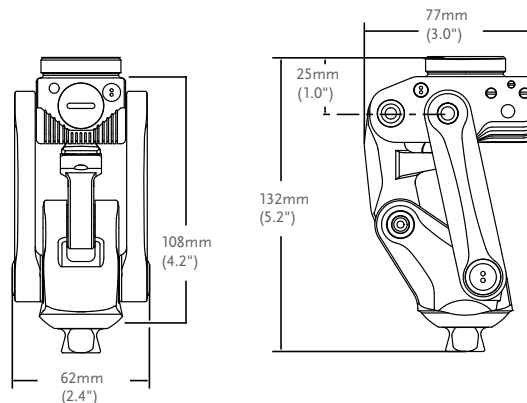


MULTI SPEED



SOCKET CONNECTOR ADAPTATION

## CLEARANCE



## KITS

| Part#    | Description  |
|----------|--------------|
| CKN10000 | Cheetah Knee |

# CHEETAH® KNEE

## COMPONENTS

### TOTAL KNEE ADAPTERS

| Picture | Part#    | Description             | Material        | Weight Limit |        | Weight |       |
|---------|----------|-------------------------|-----------------|--------------|--------|--------|-------|
| 1.      | A-114040 | 4- Prong Socket Adapter | Stainless Steel | 166kg        | 365lbs | 158g   | 4oz   |
| 2.      | A-122300 | Euro 4-Hole Adapter     | Aluminum        | 125kg        | 275lbs | 70g    | 2.5oz |
| 3.      | A-834300 | Male Pyramid Adapter    | Stainless Steel | 100kg        | 220lbs | 111g   | 3.9oz |
| 3.      | A-835300 | Male Pyramid Adapter    | Titanium        | 166kg        | 365lbs | 80g    | 2.8oz |
| 4.      | A-845300 | Female Pyramid Adapter  | Titanium        | 166kg        | 365lbs | 85g    | 3oz   |



# CHEETAH® XPANSE



Cheetah Xpanse features a large carbon blade designed to withstand the forces that are set free during high endurance sports such as long jumping. The dynamic shape allows the foot to flex aggressively for a more powerful energy return. A long toe offers an increased ground contact time before push-off, while the plantar-flexed pylon handles forward progression.

The Nike Spike pad has been designed exclusively for the Össur Cheetah Range and has been improved for the blade to provide specialized traction.



| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Extreme                      |
| Maximum Patient Weight: | 116kg (256lbs)               |



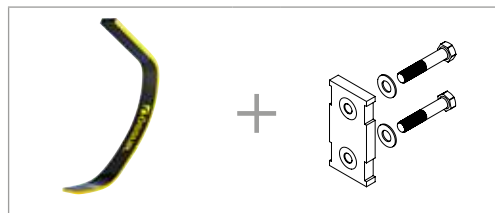
WATERPROOF

| Foot information  |   |
|-------------------|---|
| Categories:       | 1-7   |
| Sizes:            | Two Sizes Per Category                                      |
| Weight of Foot:   | Size Large - 1250 g (2.76lb)<br>Size small - 830 g (1.83lb) |
| Max Build Height: | Size Large - 576mm<br>Size small - 466 mm                   |
| Min Build Height: | Size Large - 481 mm<br>Size small - 379 mm                  |
| Adapter Options:  | Lamination Connector  |

Note: Build height is from bottom of foot to top of lamination plate.

## ORDERING INFORMATION

FOR COMPLETE CHEETAH XPANSE KIT



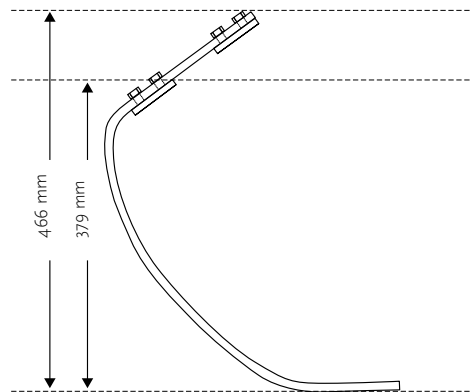
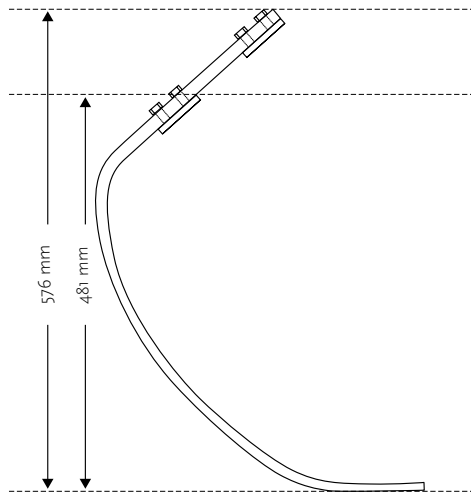
## CATEGORY SELECTION CHART

|                      |        |         |         |         |         |         |         |
|----------------------|--------|---------|---------|---------|---------|---------|---------|
| Weight kg            | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 |
| Weight lbs           | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 |
| Extreme Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       |

# CHEETAH® XPANSE

## CLEARANCE

### WITH LAMINATION CONNECTOR



## KITS

### CHEETAH XPANSE KIT

PART#

|                   | CATEGORY(1-7) |
|-------------------|---------------|
| LARGE:<br>CXE004A |               |
| SMALL:<br>CXE002A |               |

Includes:

- Cheetah Xpanse Blade

Note: Sole to be ordered separately.



### NIKE SPIKE PAD KIT

| Part#    | Description    | Cat. |
|----------|----------------|------|
| FSX50008 | Nike Spike Pad | 1-7  |

Includes:

- Nike Spike Pad
- 7mm (9/32") Pyramid Spikes
- Wrench

Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.



# CHEETAH® XPANSE

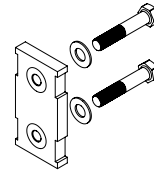
## KITS

### LAMINATION CONNECTOR KIT

| Part#    | Description          | Cat. |
|----------|----------------------|------|
| FSX50009 | Lamination Connector | 1-7  |

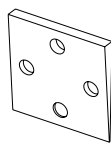
Includes:

- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit



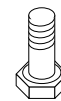
### ALIGNMENT WEDGES

| Part#    | Description         | Cat. |
|----------|---------------------|------|
| CM140515 | Alignment Wedges 2° | ALL  |
| CM140516 | Alignment Wedges 4° | ALL  |
| CM140517 | Alignment Wedges 6° | ALL  |
| CM140518 | Alignment Wedges 8° | ALL  |



### ATTACHMENT BOLT FOR LAMINATION CONNECTOR

| Part#    | Description                              | Size             | Cat. |
|----------|--|------------------|------|
| CM130211 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 1/2" | 1-7  |
| CM130213 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/4" | 1-7  |
| CM130214 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/8" | 1-7  |



# CHEETAH® XCEL



Cheetah Xcel is the next generation short sprinting foot from Össur that is specifically designed for explosive short-distance sprints. The carbon blade features a more extreme curve and the dynamic shape allows for the foot to flex and give a powerful energy kick. A long toe enhances the push-off, while the plantar-flexed pylon handles forward progression.

The Nike Spike pad has been designed exclusively for the Össur Cheetah Range and has been improved for the blade to provide specialized traction.



| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Extreme                      |
| Maximum Patient Weight: | 147kg (325lbs)               |



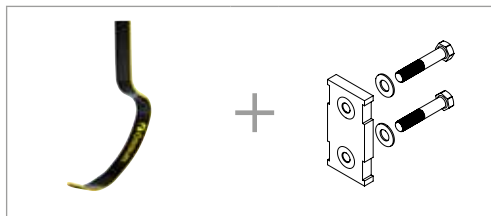
WATERPROOF

| Foot information  |   |
|-------------------|---|
| Categories:       | 1-9   |
| Sizes:            | Two Sizes Per Category                                      |
| Weight of Foot:   | Size Large - 980 g / 2.16lb<br>Size small - 820 g / 1.81 lb |
| Max Build Height: | Size Large - 569 mm<br>Size small - 538 mm                  |
| Min Build Height: | Size Large - 513 mm<br>Size small - 443 mm                  |
| Adapter Options:  | Lamination Connector  |

Note: Build height is from bottom of foot to top of lamination plate.

## ORDERING INFORMATION

FOR COMPLETE CHEETAH XCEL KIT



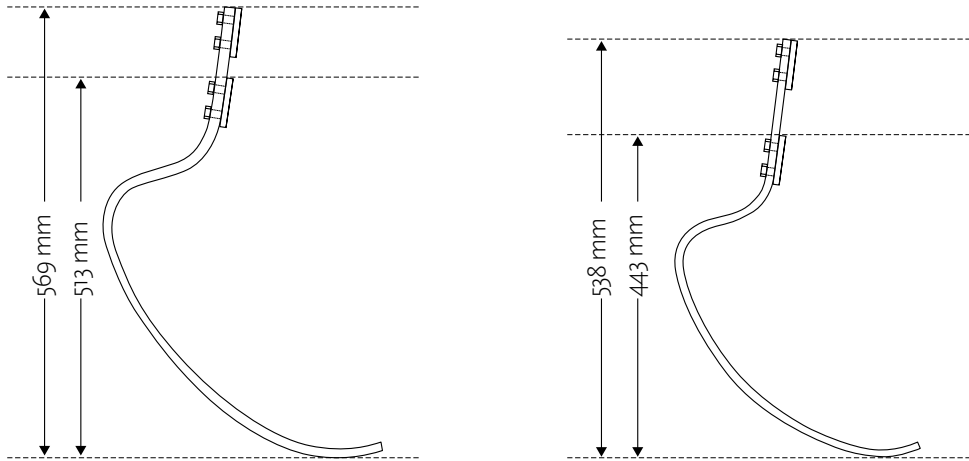
## CATEGORY SELECTION CHART

|                      |        |         |         |         |         |         |         |         |         |
|----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg            | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
| Weight lbs           | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-325 |
| Extreme Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |

# CHEETAH® XCEL

## CLEARANCE

### WITH LAMINATION CONNECTOR



## KITS

### CHEETAH XCEL KIT

PART#

CATEGORY (1-9)

LARGE:  
CXL004A



SMALL:  
CXL002A



Includes:

- Cheetah Xcel Blade

Note: Soles to be ordered separately.



### NIKE SPIKE PAD KIT

| Part#    | Description    | Cat. |
|----------|----------------|------|
| FSX50008 | Nike Spike Pad | 1-9  |

Includes:

- Nike Spike Pad
- 7mm (9/32") Pyramid Spikes
- Wrench

Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.



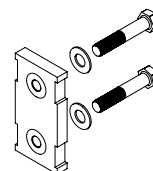


# CHEETAH® XCEL

## KITS

### LAMINATION CONNECTOR KIT

| Part#    | Description          | Cat. |
|----------|----------------------|------|
| FSX50009 | Lamination Connector | 1-9  |

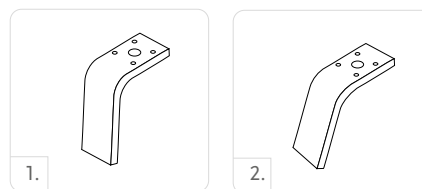


Includes:

- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

### L-BRACKET WITHOUT INSERTS

| Picture | Part#    | Description                   | Cat. |
|---------|----------|-------------------------------|------|
| 1.      | FSX40003 | 5° L-Bracket Without Inserts  | 1-6  |
| 2.      | FSX40001 | 20° L-Bracket Without Inserts | 1-6  |



### L-BRACKET KITS

| Picture | Part#    | Description        | Cat. |
|---------|----------|--------------------|------|
| 1.      | FSX50005 | 5° L-Bracket Kits  | 1-6  |
| 2.      | FSX50006 | 20° L-Bracket Kits | 1-6  |

Includes:

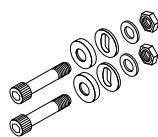
- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

### HARDWARE KIT FOR T CONNECTORS

| Part#    | Length |      | Weight |     | Size     | Cat. |
|----------|--------|------|--------|-----|----------|------|
| CM100055 | 10mm   | 3/8" | 144g   | 5oz | x 2-1/2" | 1-9  |

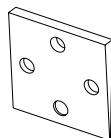
Includes:

- Bolts
- Nuts
- Spherical Washer
- Flat Washer



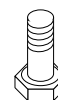
### ALIGNMENT WEDGES

| Part#    | Description         | Cat. |
|----------|---------------------|------|
| CM140515 | Alignment Wedges 2° | ALL  |
| CM140516 | Alignment Wedges 4° | ALL  |
| CM140517 | Alignment Wedges 6° | ALL  |
| CM140518 | Alignment Wedges 8° | ALL  |



### ATTACHMENT BOLT FOR LAMINATION CONNECTOR

| Part#    | Description                              | Size             | Cat. |
|----------|--|------------------|------|
| CM130211 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 1/2" | 1-9  |
| CM130213 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/4" | 1-9  |
| CM130214 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/8" | 1-9  |



## CHEETAH® XCEED



Cheetah Xceed has been designed to translate the functionality of Össur's high-performance blades to the needs of the everyday sports enthusiasts. It features a longer toe lever for enhanced push-off and offers a higher energy return.

It is appropriate for transfemoral and transtibial users participating in high impact activities, such as recreational jogging, trail running, distance running and triathlons.

The Nike Spike pad has been designed exclusively for the Össur Cheetah Range and has been improved for the blade to provide specialized traction.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | High to Extreme              |
| Maximum Patient Weight: | 147kg (325lbs)               |

| Foot information         |                       |
|--------------------------|-----------------------|
| Categories:              | 1-9                   |
| Sizes:                   | One Size Per Category |
| Weight of Foot (Cat. 5): | 760g (1.68 lb)        |
| Build Height:            | 338mm                 |
| Adapter Options:         | Male Pyramid          |



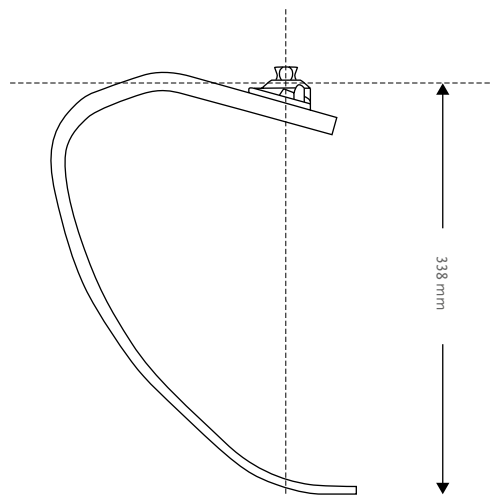
WATERPROOF

# CHEETAH® XCEED

## CATEGORY SELECTION CHART

|                              |        |         |         |         |         |         |         |         |         |
|------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg                    | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
| Weight lbs                   | 99-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-325 |
| High to Extreme Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |

## CLEARANCE



## KITS

### CHEETAH XCEED KIT

| PART#   | CATEGORY (1-9) |
|---------|----------------|
| CXD002A |                |

Includes:

- Foot module with male pyramid

Note: Foot is compatible with Nike Spike Pad (FSX50008)



### NIKE Spike Pad KIT

| Part#    | Size               | Cat. |
|----------|--------------------|------|
| FSX50008 | Nike Spike Pad Kit | 1-9  |

Includes:

- Nike Spike Pad
- 7mm (9/32") Pyramid Spikes
- Wrench



## FLEX-RUN™ WITH NIKE SOLE



The Flex-Run with Nike Sole offers unmatched performance and efficiency for amputees and prosthetists. Össur and Nike have partnered to design a running foot from the ground up, leveraging Össur's expertise in running prosthetics with Nike's world renowned traction and sole technologies.

The improved Flex-Run features a longer toe lever and efficient energy return. The Nike Sole offers great traction to help improve performance for the runner.

Flex-Run with Nike Sole is appropriate for Transfemoral and Transtibial users participating in high impact activities such as recreational jogging, trail running, distance running and triathlons. It is available in both Standard and Junior (LP) models.

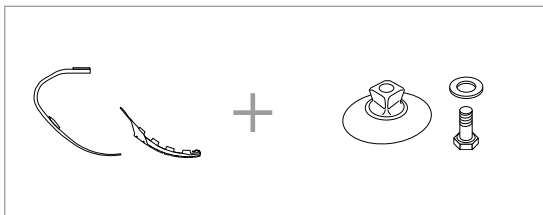


| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | High to Extreme              |
| Maximum Patient Weight: | 130kg (287lbs)               |

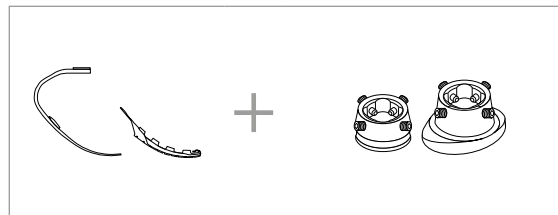
| Foot information         |   |
|--------------------------|---|
| Categories:              | 1-9   |
| Sizes:                   | One Size Per Category   |
| Weight of Foot (Cat. 5): | 400g (14.1oz)<br>694g (24.4oz) with Sole and Male Pyramid     |
| Build Height:            | 261mm (10 1/4")<br>277mm (10 7/8") with Sole and Male Pyramid |
| Adapter Options:         | Male or Female Bolt on Pyramid                                |

### ORDERING INFORMATION

#### FOR COMPLETE FLEX-RUN KIT WITH MALE PYRAMID



#### FOR COMPLETE FLEX-RUN KIT WITH FEMALE PYRAMID

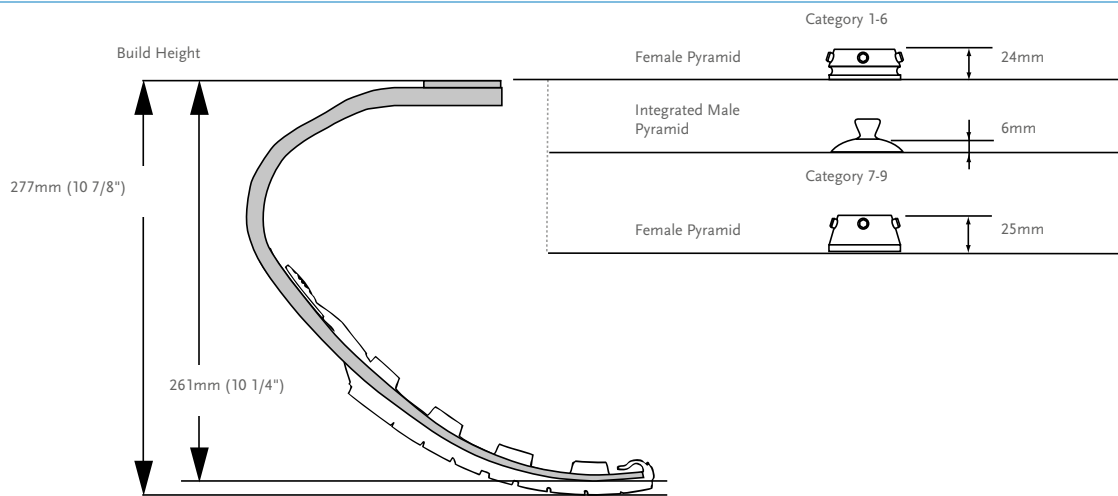


# FLEX-RUN™ WITH NIKE SOLE

## CATEGORY SELECTION CHART

|                              |       |        |         |         |         |         |         |         |         |
|------------------------------|-------|--------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg                    | 37-44 | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 |
| Weight lbs                   | 81-96 | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 |
| High to Extreme Impact Level | 1     | 2      | 3       | 4       | 5       | 6       | 7       | 8       | 9       |

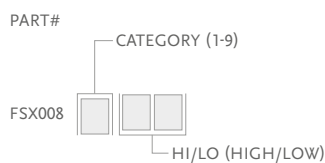
## CLEARANCE



Note: Sole adds 10 mm (3/8") to build height.

## KITS

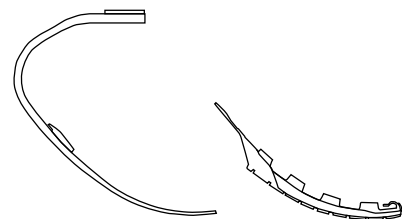
### FLEX-RUN KIT



Note: Flex-Run is excluded from trial period. For LP Flex-Run see Flex-Run Junior.  
For information on special or custom orders, please contact your local Össur representative.

Includes:

- Foot Module
- Attachment Plate (can be supplied bonded on the foot upon request)
- Nike Sole
- Bag for Nike Sole



# FLEX-RUN™ WITH NIKE SOLE

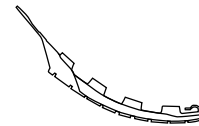
## KITS

### NIKE SOLE KIT

| Part#    | Size     | Cat. |
|----------|----------|------|
| CM150163 | One Size | 1-9  |

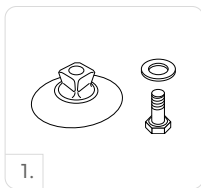
Includes:

- Nike Sole
- Medallion
- Loctite
- Bag for Nike Sole



### FOOT ADAPTER SETS

| Picture | Part#    | Description                     | Weight | Bolt Size  | Cat. |
|---------|----------|---------------------------------|--------|------------|------|
| 1.      | FWX00030 | Male Pyramid Foot Adapter Set   | 75g    | M10 x 40mm | 1-6  |
| 2.      | CM150161 | Female Pyramid Foot Adapter Set | 100g   | M10 x 35mm | 1-6  |
| 2.      | CM150162 | Female Pyramid Foot Adapter Set | 186g   | M12 x 50mm | 7-9  |



### REPLACEMENT BOLT

| Part#    | Size     | Cat. |
|----------|----------|------|
| CM130221 | M10 x 40 | 1-6  |

## COMPONENTS

| Part#    | Description      | Cat. |
|----------|------------------|------|
| FWX40001 | Attachment Plate | 1-6  |
| FWX40002 | Attachment Plate | 7-9  |

## FLEX-FOOT CHEETAH®



The Cheetah was the first sport foot of it's kind when first launched in 1996. Ever since the Cheetah has been a choice foot for athletes around the globe.

Cheetah is recommended for longer distance running for TT users that do not have clearance for Flex-Run with Nike Sole. For sprinting the new Team Össur favorites, Cheetah Xtreme and Cheetah Xtend are recommended.

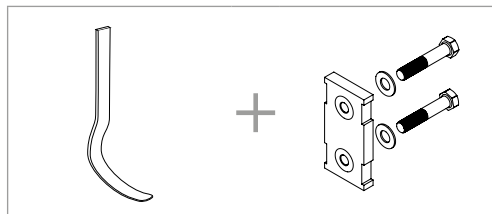


| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Extreme                      |
| Maximum Patient Weight: | 147kg (325lbs)               |

| Foot information |   |
|------------------|---|
| Categories:      | 1-9                                     |
| Sizes:           | One Size Per Category                   |
| Weight of Foot:  | 512g (18.1oz)                           |
| Build Height:    | 411mm (16 3/8")                         |
| Adapter Options: | Lamination Connector or Pylon Connector |

### ORDERING INFORMATION

#### FOR COMPLETE CHEETAH KIT



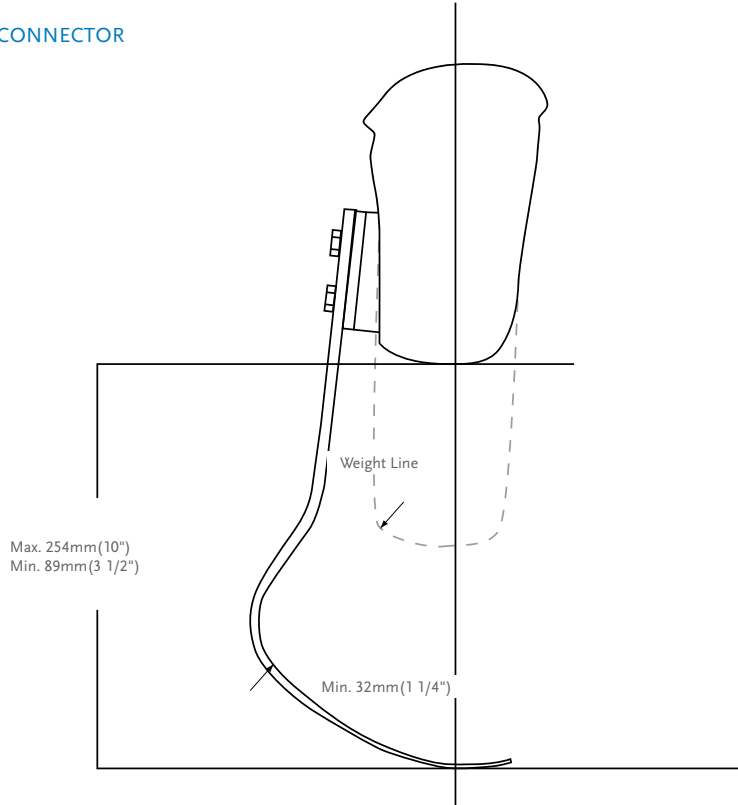
### CATEGORY SELECTION CHART

|                      |        |         |         |         |         |         |         |         |         |
|----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg            | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
| Weight lbs           | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-325 |
| Extreme Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |

# FLEX-FOOT CHEETAH®

## CLEARANCE

### WITH LAMINATION CONNECTOR



## KITS

### CHEETAH KIT

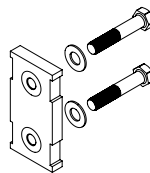
| PART#  | CATEGORY (1-9) |
|--------|----------------|
| FSX004 |                |



Note: Cheetah is a special order and is excluded from the trial period.

### LAMINATION CONNECTOR KIT

| Part#    | Description          | Cat. |
|----------|----------------------|------|
| FSX50009 | Lamination Connector | 1-9  |



Includes:

- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

| Part#    | Description     | Cat. |
|----------|-----------------|------|
| FSX50003 | Pylon Connector | 1-6  |
| FSX50004 | Pylon Connector | 7-9  |



Includes:

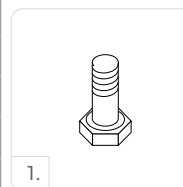
- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit



# FLEX-FOOT CHEETAH®

## KITS

| Picture | Part#    | Description                              | Size              | Cat. |
|---------|----------|--|-------------------|------|
| 1.      | CM130218 | Attachment Bolt for Lamination Connector | 5/16"-24 x 1 1/2" | 1-6  |
|         | CM130213 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/4"  | 7-9  |
| 2.      | CM130305 | Attachment Bolt for Pylon Connector      | 5/16"-24 x 1 1/2" | 1-6  |
|         | CM130304 | Attachment Bolt for Pylon Connector      | 3/8"-24 x 1 3/4"  | 7-9  |



### L-BRACKET WITHOUT INSERTS

| Picture | Part#    | Description                   | Cat. |
|---------|----------|-------------------------------|------|
| 1.      | FSX40003 | 5° L-Bracket Without Inserts  | 1-6  |
| 2.      | FSX40001 | 20° L-Bracket Without Inserts | 1-6  |



### L-BRACKET KITS

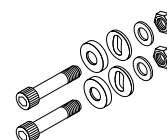
| Picture | Part#    | Description        | Cat. |
|---------|----------|--------------------|------|
| 1.      | FSX50005 | 5° L-Bracket Kits  | 1-6  |
| 2.      | FSX50006 | 20° L-Bracket Kits | 1-6  |

Includes:

- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

### HARDWARE KIT FOR T CONNECTORS

| Part#    | Length | Weight | Size           | Cat. |
|----------|--------|--------|----------------|------|
| CM100054 | 8mm    | 108g   | 3.8oz x 2-1/2" | 1-6  |
| CM100055 | 10mm   | 144g   | 5oz x 2-1/2"   | 7-9  |

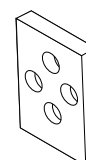


Includes:

- Bolts
- Nuts
- Spherical Washer
- Flat Washer

### ALIGNMENT WEDGES

| Part#    | Description         | Cat. |
|----------|---------------------|------|
| CM140502 | Alignment Wedges 2° | ALL  |
| CM140505 | Alignment Wedges 4° | ALL  |
| CM140508 | Alignment Wedges 6° | ALL  |
| CM140511 | Alignment Wedges 8° | ALL  |



## FLEX-FOOT CHEETAH® XTREME WITH NIKE SPIKE PAD



The blade of champions – inspired by the world’s fastest. Cheetah Xtreme is designed as a short-distance sprinting foot, a holder of multiple world records.

Designed specifically for the fast, short-distance sprints, the carbon blade features a more extreme curve than the other Cheetahs. This dynamic shape allows the foot to flex more offering a powerful energy kick. A longer, flatter toe enhances push off, while the plantar-flexed pylon supports better forward progression.

The Nike Spike Pad has been designed exclusively for the Cheetah. It provides specialized traction that has been optimized for the blade.

A new alignment adapter for the Cheetah is now available for quicker set up and easier alignment of the blade.



| User information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Extreme                      |
| Maximum Patient Weight: | 147kg (325lbs)               |



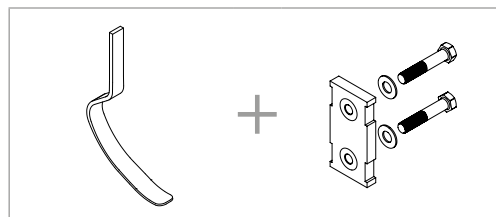
WATERPROOF

| Foot information  |                       |
|-------------------|-----------------------|
| Categories:       | 1-9                   |
| Sizes:            | One Size Per Category |
| Weight of Foot:   | 918g (32.4oz)         |
| Max Build Height: | 530mm (20 14/16")     |
| Min Build Height: | 375mm (14 3/4")       |
| Adapter Options:  | Lamination Connector  |

Note: Build height is from bottom of foot to center of lower bolt hole of lamination plate.

### ORDERING INFORMATION

#### FOR COMPLETE CHEETAH XTREME KIT



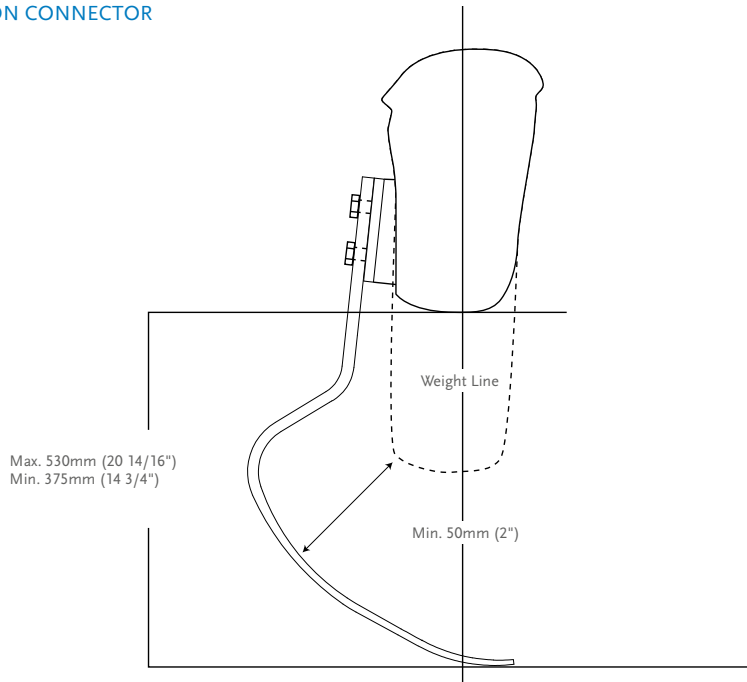
### CATEGORY SELECTION CHART

|                      |        |         |         |         |         |         |         |         |         |
|----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight kg            | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
| Weight lbS           | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-325 |
| Extreme Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |

# FLEX-FOOT CHEETAH® XTREME WITH NIKE SPIKE PAD

## CLEARANCE

WITH LAMINATION CONNECTOR



## KITS

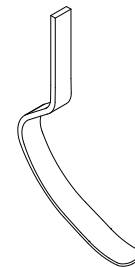
### CHEETAH XTREME KIT

| PART#  | CATEGORY(1-9) |
|--------|---------------|
| FSX003 |               |

Includes:

- Cheetah Xtreme Blade
- Nike Spike Pad Kit

Note: Cheetah Xtreme is excluded from the trial period.



### NIKE SPIKE PAD KIT

| Part#    | Description    | Cat. |
|----------|----------------|------|
| FSX50008 | Nike Spike Pad | 1-9  |

Includes:

- Nike Spike Pad
- 7mm (9/32") Pyramid Spikes
- Wrench

Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.

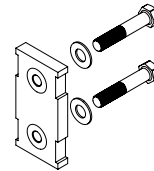


# FLEX-FOOT CHEETAH® XTREME WITH NIKE SPIKE PAD

## KITS

### LAMINATION CONNECTOR KIT

| Part#    | Description          | Cat. |
|----------|----------------------|------|
| FSX50009 | Lamination Connector | 1-9  |

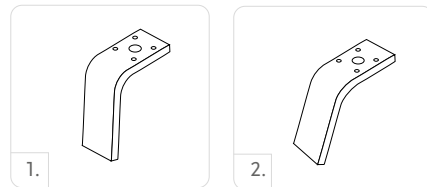


Includes:

- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

### L-BRACKET WITHOUT INSERTS

| Picture | Part#    | Description                   | Cat. |
|---------|----------|-------------------------------|------|
| 1.      | FSX40003 | 5° L-Bracket Without Inserts  | 1-6  |
| 2.      | FSX40001 | 20° L-Bracket Without Inserts | 1-6  |



### L-BRACKET KITS

| Picture | Part#    | Description        | Cat. |
|---------|----------|--------------------|------|
| 1.      | FSX50005 | 5° L-Bracket Kits  | 1-6  |
| 2.      | FSX50006 | 20° L-Bracket Kits | 1-6  |

Includes:

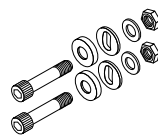
- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

### HARDWARE KIT FOR T CONNECTORS

| Part#    | Length    | Weight   | Size     | Cat. |
|----------|-----------|----------|----------|------|
| CM100055 | 10mm 3/8" | 144g 5oz | x 2-1/2" | 1-9  |

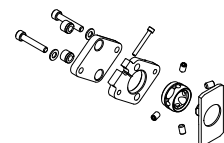
Includes:

- Bolts
- Nuts
- Spherical Washer
- Flat Washer



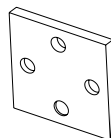
### ALIGNMENT ADAPTER KIT

| Part#    | Description       | Cat. |
|----------|-------------------|------|
| FSX50007 | Alignment Adapter | ALL  |



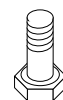
### ALIGNMENT WEDGES

| Part#    | Description         | Cat. |
|----------|---------------------|------|
| CM140515 | Alignment Wedges 2° | ALL  |
| CM140516 | Alignment Wedges 4° | ALL  |
| CM140517 | Alignment Wedges 6° | ALL  |
| CM140518 | Alignment Wedges 8° | ALL  |



### ATTACHMENT BOLT FOR LAMINATION CONNECTOR

| Part#    | Description                              | Size             | Cat. |
|----------|--|------------------|------|
| CM130211 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 1/2" | 1-9  |
| CM130213 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/4" | 1-9  |
| CM130214 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/8" | 1-9  |



## FLEX-FOOT CHEETAH® XTEND WITH NIKE SPIKE PAD



Kick into high gear with a responsive and comfortable ride from start to finish.

The Cheetah Xtend is the perfect companion for longer sprints and short-distance running (400-5000m). This highly effective carbon fiber blade has a continuous curve toward the toe offering a smooth rollover. The longer, flatter toe enhances push off, while the plantar flexed pylon supports better forward progression.

The Nike Spike Pad has been designed exclusively for the Cheetah. It provides specialized traction that has been optimized for the blade.

A new alignment adapter for the Cheetah is now available for quicker set up and easier alignment off the blade.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Extreme                      |
| Maximum Patient Weight: | 147kg (325lbs)               |



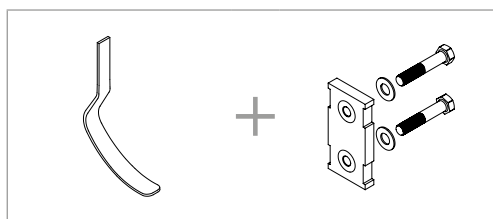
WATERPROOF

| Foot information  |                       |
|-------------------|-----------------------|
| Categories:       | 1-9                   |
| Sizes:            | One Size Per Category |
| Weight of Foot:   | 750g (26.4oz)         |
| Max Build Height: | 451mm (17 3/4")       |
| Min Build Height: | 330mm (13")           |
| Adapter Options:  | Lamination Connector  |

Note: Build height is from bottom of foot to center of lower bolt hole of lamination plate.

### ORDERING INFORMATION

FOR COMPLETE CHEETAH XTEND KIT



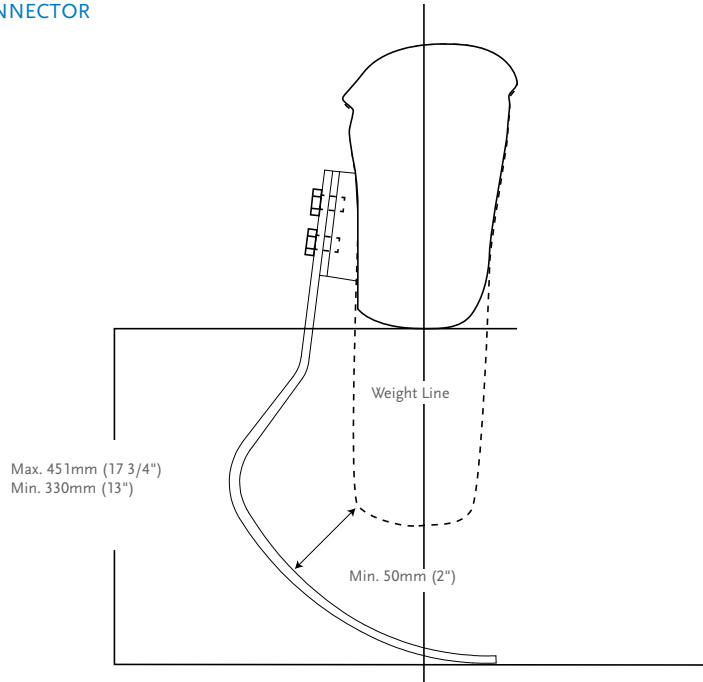
### CATEGORY SELECTION CHART

| Weight kg            | 45-52  | 53-59   | 60-68   | 69-77   | 78-88   | 89-100  | 101-116 | 117-130 | 131-147 |
|----------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Weight lbs           | 97-115 | 116-130 | 131-150 | 151-170 | 171-194 | 195-220 | 221-256 | 257-287 | 288-325 |
| Extreme Impact Level | 1      | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9       |

# FLEX-FOOT CHEETAH® XTEND WITH NIKE SPIKE PAD

## CLEARANCE

WITH LAMINATION CONNECTOR



## KITS

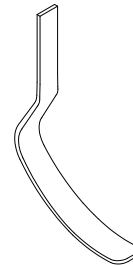
### CHEETAH XTEND KIT

| PART#  | CATEGORY(1-9) |
|--------|---------------|
| FSX006 |               |

Includes:

- Cheetah Xtend Blade
- Nike Spike Pad Kit

Note: Cheetah Xtend is excluded from the trial period.



### NIKE SPIKE PAD KIT

| Part#    | Description    | Cat. |
|----------|----------------|------|
| FSX50008 | Nike Spike Pad | 1-9  |

Includes:

- Nike Spike Pad
- 7mm (9/32") Pyramid Spikes
- Wrench

Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.

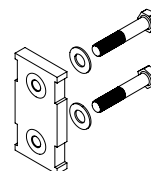


# FLEX-FOOT CHEETAH® XTEND WITH NIKE SPIKE PAD

## KITS

### LAMINATION CONNECTOR KIT

| Part#    | Description          | Cat. |
|----------|----------------------|------|
| FSX50009 | Lamination Connector | 1-9  |

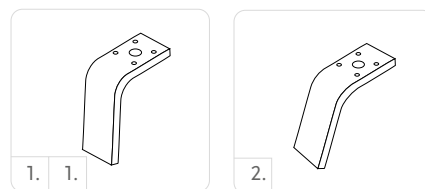


Includes:

- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

### L-BRACKET WITHOUT INSERTS

| Picture | Part#    | Description                   | Cat. |
|---------|----------|-------------------------------|------|
| 1.      | FSX40003 | 5° L-Bracket Without Inserts  | 1-6  |
| 2.      | FSX40001 | 20° L-Bracket Without Inserts | 1-6  |



### L-BRACKET KITS

| Picture | Part#    | Description        | Cat. |
|---------|----------|--------------------|------|
| 1.      | FSX50005 | 5° L-Bracket Kits  | 1-6  |
| 2.      | FSX50006 | 20° L-Bracket Kits | 1-6  |

Includes:

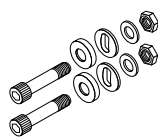
- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

### HARDWARE KIT FOR T CONNECTORS

| Part#    | Length |      | Weight | Size |          | Cat. |
|----------|--------|------|--------|------|----------|------|
| CM100055 | 10mm   | 3/8" | 144g   | 5oz  | x 2-1/2" | 1-9  |

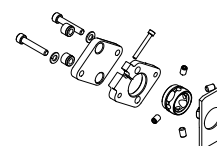
Includes:

- Bolts
- Nuts
- Spherical Washer
- Flat Washer



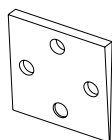
### ALIGNMENT ADAPTER KIT

| Part#    | Description       | Cat. |
|----------|-------------------|------|
| FSX50007 | Alignment Adapter | ALL  |



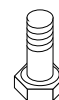
### ALIGNMENT WEDGES

| Part#    | Description         | Cat. |
|----------|---------------------|------|
| CM140515 | Alignment Wedges 2° | ALL  |
| CM140516 | Alignment Wedges 4° | ALL  |
| CM140517 | Alignment Wedges 6° | ALL  |
| CM140518 | Alignment Wedges 8° | ALL  |



### ATTACHMENT BOLT FOR LAMINATION CONNECTOR

| Part#    | Description                              | Size             | Cat. |
|----------|--|------------------|------|
| CM130211 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 1/2" | 1-9  |
| CM130213 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/4" | 1-9  |
| CM130214 | Attachment Bolt for Lamination Connector | 3/8"-24 x 1 3/8" | 1-9  |



# ÖSSUR JUNIOR SOLUTIONS



ICEROSS JUNIOR



TOTAL KNEE JUNIOR



VARI-FLEX JUNIOR



FLEX-FOOT JUNIOR



CHEETAH JUNIOR WITH NIKE SOLE



CHEETAH XPLORE JUNIOR



FLEX-RUN JUNIOR WITH NIKE SOLE



JUNIOR ADAPTERS



# ÖSSUR JUNIOR SOLUTIONS

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## INTRODUCTION

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The security and well-being of children are top priorities. All products in the Junior Solution range have been designed to facilitate movements distinct to children and to suit their specific anatomy.

Össur Junior Solution offers an advanced and complete lower limb system for active youngsters.

The first product line specifically designed for children aged 5-12 years, incorporates proven silicone and carbon fiber technology for outstanding performance.

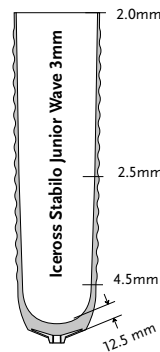
# ICEROSS STABILO® JUNIOR LOCKING LINER WITH WAVE



Iceross Stabilo Junior Locking Liner with Wave is especially designed for children providing them comfort and stability.

The liner helps children to engage in high impact daily activities. Active Skin Care ingredients are built into the silicone material. Children can decorate their liners and personalize them. There are 4 different colored permanent markers included with the liner.

Össur recommends that Iceross Stabilo Junior Locking Liner with Wave is used in conjunction with the Icelock® 700 Series.



| User information  |                                      |
|-------------------|--------------------------------------|
| Amputation Level: | Transtibial application for children |
| Impact Level:     | Low to Extreme                       |
| Liner information |                                      |
| Size Standard:    | 12, 14, 16, 18.                      |
| Profile:          | 3mm                                  |
| Matrix:           | 10cm                                 |

## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE

## PART NUMBER INFORMATION - ICEROSS STABILO JUNIOR WAVE LINER

| Part#    | Profile | Suspension Method | Matrix |
|----------|---------|-------------------|--------|
| I-8301XX | 3mm     | Locking           | 10cm   |



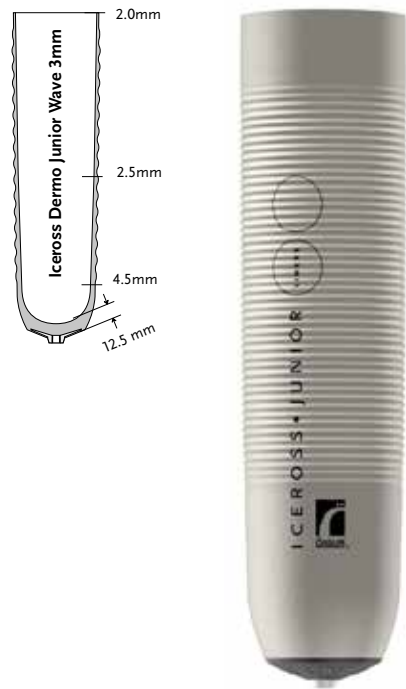
## ICEROSS DERMO® JUNIOR LOCKING LINER WITH WAVE



Iceross Dermo Junior Locking Liner with Wave offers comfort and impact protection for children with sensitive skin engaging in medium impact daily activities. Active Skin Care ingredients are built into the silicone material.

Children can decorate their liners and personalize them. There are 4 different colored permanent markers included with the liner.

Össur recommends that Iceross Dermo Junior Locking Liner with Wave is used in conjunction with the Icelock® 700 Series.



| User Information  |                                      |
|-------------------|--------------------------------------|
| Amputation Level: | Transtibial application for children |
| Impact Level:     | Low to High                          |
| Liner Information |                                      |
| Size Standard:    | 12, 14, 16, 18.                      |
| Profile:          | 3mm                                  |
| Matrix:           | 10mm                                 |

### SUSPENSION METHOD



LOCKING

### FEATURES



STABILIZING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE

### PART NUMBER INFORMATION - ICEROSS DERMO JUNIOR WAVE LINER

| Part#    | Profile | Suspension Method | Matrix |
|----------|---------|-------------------|--------|
| I-8302XX | 3mm     | Locking           | 10cm   |



## VARI-FLEX® JUNIOR



Vari-Flex Junior provides a combination of comfort and dynamics. It is specially made for those children who require the additional energy response.

Vari-Flex Junior is lightweight, easy to assemble and has a slender profile which makes it easy to cosmetically cover. It ensures high levels of user confidence and security. Promoting a natural gait with less fatigue and strain on the lower back and sound side.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 55kg (121lbs)                |

| Foot Information          |  |
|---------------------------|--|
| Categories:               | 1-4  |
| Sizes:                    | 16-24  |
| Weight of Foot: (Size 18) | 314g (11oz)  |
| Build Height: (Size 18)   | 120mm (4 3/4")   |
| Heel Height:              | 10mm (3/8")  |
| Adapter Options:          | Integrated male pyramid.<br>Cat 1-3 use Junior Pyramids;<br>Cat 4 uses Adult Pyramids. |



FULL LENGTH TOE LEVER



ACTIVE TIBIAL PROGRESSION



SANDAL TOE



WEATHERPROOF

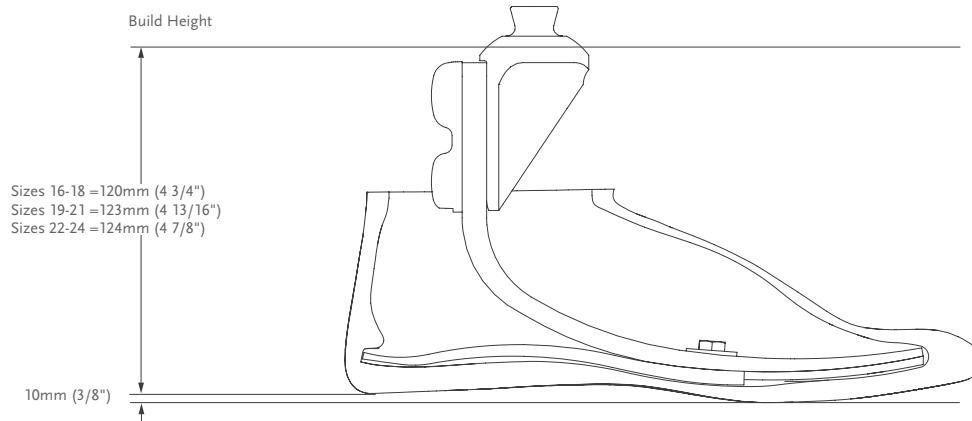
### CATEGORY SELECTION CHART

| Weight kg  | 15-24 | 25-34 | 35-45 | 46-55   |
|------------|-------|-------|-------|---------|
| Weight lbs | 33-53 | 54-75 | 76-99 | 100-121 |
| 16         | 1     | N/A   | N/A   | N/A     |
| 17         | 1     | N/A   | N/A   | N/A     |
| 18         | 1     | 2     | N/A   | N/A     |
| 19         | 1     | 2     | N/A   | N/A     |
| 20         | N/A   | 2     | 3     | N/A     |
| 21         | N/A   | 2     | 3     | N/A     |
| 22         | N/A   | 2     | 3     | 4       |
| 23         | N/A   | 2     | 3     | 4       |
| 24         | N/A   | N/A   | N/A   | 4       |

NOTE: The above categories apply only to Vari-Flex Junior

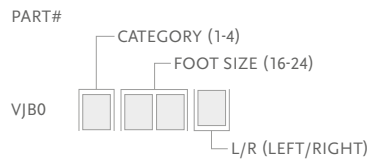
# VARI-FLEX® JUNIOR

## CLEARANCE



## KITS

### VARI-FLEX JUNIOR KIT WITH MALE PYRAMID



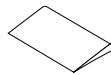
Includes:

- Foot Module
- Heel Wedge
- Male Pyramid

## COMPONENTS

### JUNIOR HEEL WEDGE KIT

| Part#    | Foot Size | Cat. |
|----------|-----------|------|
| CM150017 | 16-24     | All  |

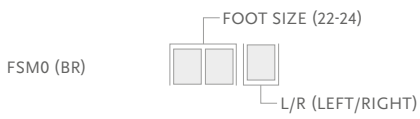
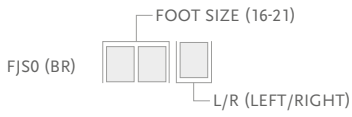


Includes:

- 1 Wedge
- Adhesive

# VARI-FLEX® JUNIOR

## COSMETIC FINISHING



Includes:

- Foot Cover\*
- Flex-Foot Sock

\*Please specify when ordering brown covers add "BR" to the part#.

| Part#    | Description    | Size  |
|----------|----------------|-------|
| FCX63008 | Flex-Foot Sock | 16-24 |



## FLEX-FOOT® JUNIOR



Flex-Foot Junior provides that important energy return that children require. The Carbon X® Active Heel stores energy and absorbs shock loads while the full-length toe lever contributes to stability and even stride length.

The low profile, energy storing foot module features a sandal toe shape and an integrated male pyramid. The shape of the pyramid adapter contributes to progressive stiffening of the foot, and the carbon fiber layering technique is specifically designed to offer the support and flexibility needed for the varied movements of children.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Low to High                  |
| Maximum Patient Weight: | 45kg (100lbs)                |

| Foot Information          |                          |
|---------------------------|--------------------------|
| Categories:               | 1-3                      |
| Sizes:                    | 16-21                    |
| Weight of Foot: (Size 19) | 288g (10.2oz)            |
| Build Height: (Size 19)   | 46mm (1 13/16")          |
| Heel Height:              | 10mm (3/8")              |
| Adapter Options:          | Integrated male pyramid. |



FULL LENGTH TOE LEVER



SANDAL TOE



WEATHERPROOF

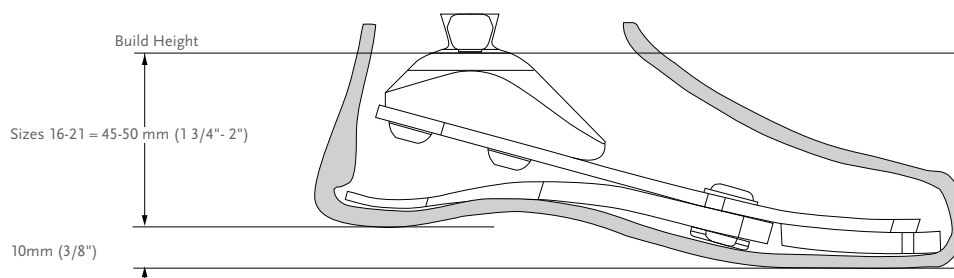
## CATEGORY SELECTION CHART

| Weight kg  | 15-24 | 25-34 | 35-45 |
|------------|-------|-------|-------|
| Weight lbs | 33-53 | 54-75 | 76-99 |
| CATEGORY   | 1     | 2     | 3     |

NOTE: The above categories apply only to Flex-Foot Junior

\*All sizes not available for each category

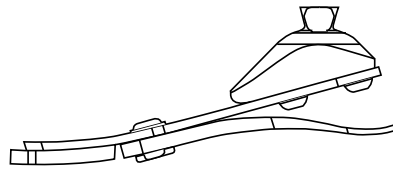
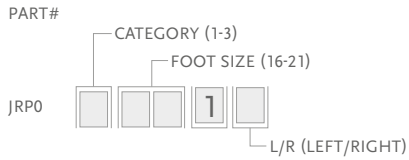
## CLERANCE



# FLEX-FOOT® JUNIOR

## KITS

### FLEX-FOOT JUNIOR

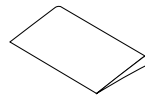


- Includes:
- Toe Cushion
  - Foot Module
  - Heel Module
  - Heel Fasteners
  - Heel Wedges
  - Male Pyramid

## COMPONENTS

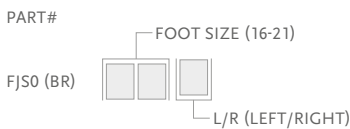
### JUNIOR HEEL WEDGE KIT

| Part#    | Foot Size | Cat. |
|----------|-----------|------|
| CM150017 | 16-21     | All  |



- Includes:
- 1 Wedge
  - Adhesive

## COSMETIC FINISHING



- Includes:
- Foot Cover\*
  - Flex-Foot Sock

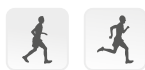
\*Please specify when ordering brown covers add "BR" to the part#.

| Part#    | Description    | Size  |
|----------|----------------|-------|
| FCX63008 | Flex-Foot Sock | 16-21 |





## CHEETAH® JUNIOR WITH NIKE SOLE



Custom-built, high-performance carbon fiber foot designed primarily for sporting activities for both transtibial and transfemoral users. It attaches posterior to the socket, making it agile, strong and a proven performer for those children who want to practice sports.

The Nike Sole is designed to offer stability and smooth natural rollover.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | High to Extreme              |
| Maximum Patient Weight: | 55Kg (121 lbs)               |



WATERPROOF

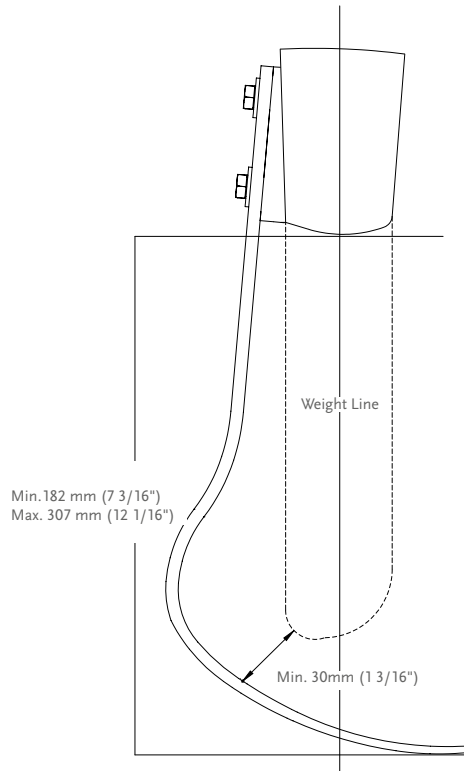
| Foot information |   |
|------------------|---|
| Categories:      | 1-4   |
| Sizes:           | One Size  |
| Weight of Foot:  | 232g (8.2 oz)                                   |
| Weight of Sole:  | 114g (4.0 oz)                                   |
| Build Height:    | Min: 182 mm (7 3/ 16)<br>Max: 307 mm ( 12 1/16) |
| Adapter Options: | Lamination Connector                            |

### CATEGORY SELECTION CHART

| Weight kg                    | 15-24 | 25-34 | 35-45 | 46-55   |
|------------------------------|-------|-------|-------|---------|
| Weight lbs                   | 33-53 | 54-75 | 76-99 | 100-121 |
| High to Extreme Impact Level | 1     | 2     | 3     | 4       |

# CHEETAH® JUNIOR WITH NIKE SOLE

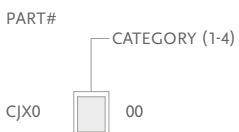
## CLEARANCE



\*Note: Sole adds 10 mm (3/8") to build height.

## KITS

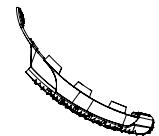
### CHEETAH KIT



### NIKE SOLE JUNIOR VERSION KIT

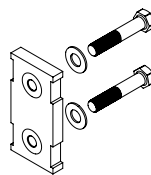
| Part#    | Size     | Cat. |
|----------|----------|------|
| CM150164 | One Size | 1-4  |

- Includes:
- Nike Sole
  - Medallion
  - Loctite
  - Inside Sole
  - Bag for Nike Sole



## COMPONENTS

| Part#    | Description   |
|----------|---------------|
| CHX50001 | Connector Kit |



## CHEETAH® XPLORE JUNIOR



A custom-built, hybrid carbon fiber foot designed to function as both an everyday and sports foot.

For kids that require the flexibility of an everyday walking foot and a running foot in a single prosthesis, Cheetah Xplore Junior is the answer. Cheetah Xplore couples the proven performance of our Cheetah sprinting foot with a heel for everyday walking/standing.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | Moderate to Extreme          |
| Maximum Patient Weight: | 55Kg (121 lbs)               |



FULL LENGTH TOE LEVER



ACTIVE TIBIAL PROGRESSION



WATERPROOF

| Foot information |   |
|------------------|---|
| Categories:      | 1-4   |
| Sizes:           | One Size                                      |
| Weight of Foot:  | 312g (11 oz)                                  |
| Build Height:    | Min: 185 mm (7 5/16)<br>Max: 311 mm ( 12 1/4) |
| Adapter Options: | Lamination Connector                          |

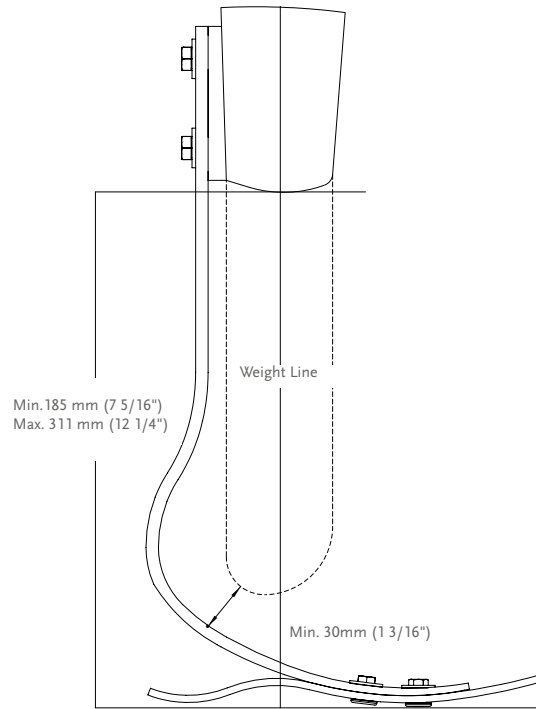
### CATEGORY SELECTION CHART

|                                  |       |       |       |         |
|----------------------------------|-------|-------|-------|---------|
| Weight kg                        | 15-24 | 25-34 | 35-45 | 46-55   |
| Weight lbs                       | 33-53 | 54-75 | 76-99 | 100-121 |
| Moderate to Extreme Impact Level | 1     | 2     | 3     | 4       |



# CHEETAH® XPLORE JUNIOR

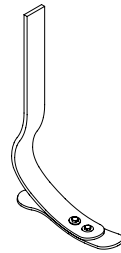
## CLEARANCE



## KITS

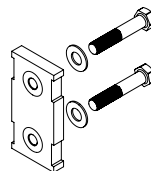
### CHEETAH XPLORE KIT

| PART# | CATEGORY (1-4) |
|-------|----------------|
| CHX0  | 24             |

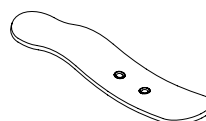


## COMPONENTS

| Part#    | Description   |
|----------|---------------|
| CHX50001 | Connector Kit |

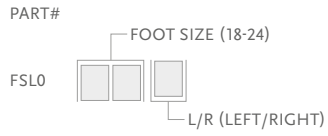


| Part#    | Description              |
|----------|--------------------------|
| CHX50002 | Sole Plate For Cat 1 & 2 |
| CHX50003 | Sole Plate For Cat 3 & 4 |



# CHEETAH® XPLORE JUNIOR

## COSMETIC FINISHING



Includes:

- Foot Cover Kit
- Foot Cover Attachment
- Flex-Foot Sock

| Part#    | Description    | Size  |
|----------|----------------|-------|
| FCX63008 | Flex-Foot Sock | 18-24 |



## FLEX-RUN™ JUNIOR WITH NIKE SOLE



The Flex-Run Junior is a custom designed solution for children. Its vertical compliance and efficient energy return are musthaves for high active children.

The Flex-Run Junior offers increased cushioning and lower-frequency response makes this foot suitable for Transfemoral and Transtibial users.

The Nike Sole is designed to offer stability and smooth natural rollover.



| User Information        |                              |
|-------------------------|------------------------------|
| Amputation Level:       | Transfemoral and Transtibial |
| Impact Level:           | High to Extreme              |
| Maximum Patient Weight: | 84Kg (185lbs)                |

| Foot Information |                                |
|------------------|--------------------------------|
| Categories:      | 1-6                            |
| Sizes:           | One Size                       |
| Weight of Foot:  | 336g (11.9 oz)                 |
| Build Height:    | Min: 200 mm (7 7/ 8")          |
| Adapter Options: | Male or Female Bolt on Pyramid |



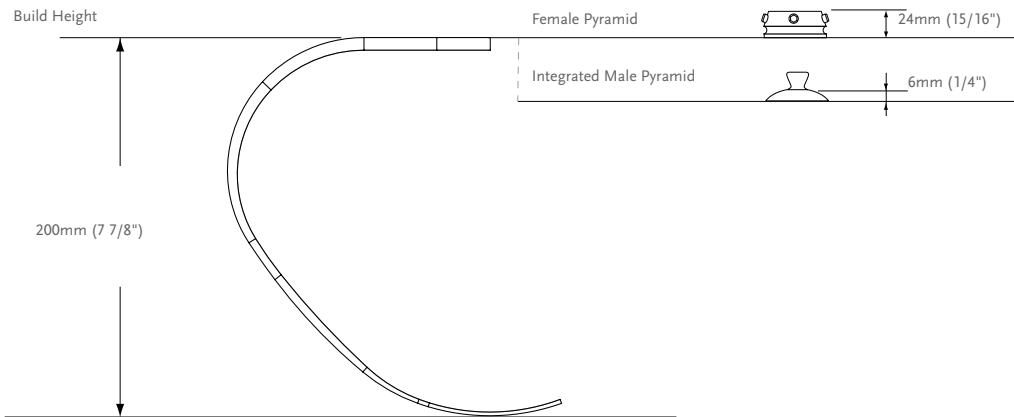
WATERPROOF

### CATEGORY SELECTION CHART

| Weight kg                    | 15-24 | 25-34 | 35-45 | 46-55   | 57-67   | 68-84   |
|------------------------------|-------|-------|-------|---------|---------|---------|
| Weight lbs                   | 33-53 | 54-75 | 76-99 | 100-123 | 124-147 | 148-185 |
| High to Extreme Impact Level | 1     | 2     | 3     | 4       | 5       | 6       |

# FLEX-RUN™ JUNIOR WITH NIKE SOLE

## CLEARANCE

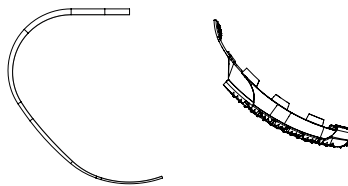


\*Note: Sole adds 10 mm (3/8") to build height.

## KITS

### FLEX-RUN KIT

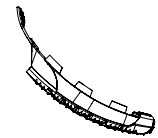
|        |                |
|--------|----------------|
| PART#  | CATEGORY (1-6) |
| FSX007 |                |



### NIKE SOLE JUNIOR VERSION KIT

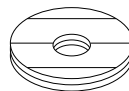
| Part#    | Size     | Cat. |
|----------|----------|------|
| CM150164 | One Size | 1-6  |

- Includes:
- Nike Sole
  - Medallion
  - Loctite
  - Inside Sole
  - Bag for Nike Sole



## COMPONENTS

| Part#    | Description      | Cat. |
|----------|------------------|------|
| FWX40001 | Attachment Plate | 1-6  |



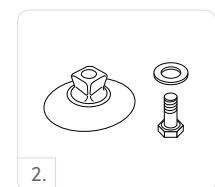
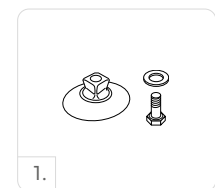
### FOOT ADAPTER SETS

| Picture | Part#    | Description                            | Weight | Bolt Size  | Cat. |
|---------|----------|--|--------|------------|------|
| 1.      | FWX00031 | Junior Male Pyramid Foot Adapter Set   | 30g    | M8 x 30mm  | 1-3  |
| 2.      | FWX00030 | Adult Male Pyramid Foot Adapter Set*   | 80g    | M10 x 40mm | 1-6  |
| 3.      | CM150161 | Adult Female Pyramid Foot Adapter Set* | 100g   | M10 x 35mm | 1-6  |

\*Adult componentry is used for Flex-Run Junior

### REPLACEMENT BOLT

| Part#    | Size        | Cat. |
|----------|-------------|------|
| CM130221 | M10 x 40 mm | 1-6  |
| CM130103 | M10 x 35 mm | 1-6  |
| CM130237 | M8 x 30 mm  | 1-3  |



ÖSSUR JUNIOR SOLUTIONS

# TOTAL KNEE® JUNIOR



The Total Knee Junior is a small version of the adult models which offers security, natural motion, walking ease, and easy to cosmetically cover. Offering up to 150 degrees of knee flexion makes the Total Knee Junior versatile and natural for children who have a broad range of very high level activities: walking, running, sitting, squatting, and kneeling activities.

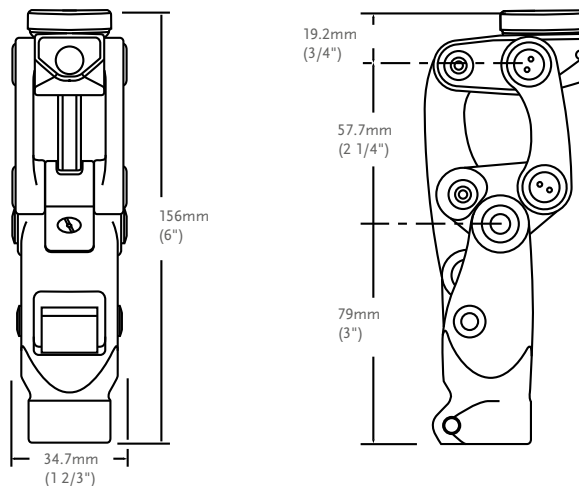
- Polycentric knee with geometric locking system
- Adjustable stance flexion
- Adjustable extension promoter
- Low build height and slender profile



| Patient Profile:        |                                       |
|-------------------------|---------------------------------------|
| Amputation Level:       | Transfemoral and Knee Disarticulation |
| Impact Level:           | All                                   |
| Maximum Patient Weight: | 45kg (100lbs)                         |

| Product Information: |                |
|----------------------|----------------|
| Build Height:        | 156mm (6")     |
| Weight of Knee:      | 395g (0.87lbs) |
| Flexion:             | Stop at 160°   |

## CLEARANCE





# TOTAL KNEE® JUNIOR

## KITS

| Part#   | Description                                |
|---------|--|
| 1100    | Total Knee Junior                          |
| 1100-KE | Total Knee Junior W/4-Prong Socket Adapter |
| 1100-OS | Total Knee Junior W/Male Pyramid Adapter   |

## COMPONENTS

### PEDIATRIC 4-HOLE ADAPTER

An additional option for knee disarticulation

| Part#     | Description | Build Height |       | Weight |       |
|-----------|-------------|--------------|-------|--------|-------|
|           |             | mm           | "     | g      | oz    |
| AJ-122300 | Aluminum    | 8.5mm        | 5/16" | 36g    | 1.3oz |



### PEDIATRIC PYRAMID ADAPTER (RATED TO 45KG)

Indicated for users requiring further alignment adjustments.

| Part#     | Description                        | Build Height |        | Weight |       |
|-----------|------------------------------------|--------------|--------|--------|-------|
|           |                                    | mm           | "      | g      | oz    |
| AJ-831300 | Aluminum / Titanium Pyramid Insert | 17.5mm       | 11/16" | 41g    | 1.4oz |



### BUMPER SELECTION CHART

| Part#     | Description | Color  | Durometer  | Patient Weight Kg          |
|-----------|-------------|--------|------------|----------------------------|
| 1100-119G | Bumper      | Green  | Soft       | Approx. 14-20kg (30-44lbs) |
| 1100-119B | Bumper      | Black  | Regular    | Approx. 20-29kg (44-64lbs) |
| 1100-119R | Bumper      | Red    | Firm       | Approx. 29-36kg (64-79lbs) |
| 1100-119Y | Bumper      | Yellow | Extra Firm | Approx. 36-45kg (79-99lbs) |

### PEDIATRIC BUMPER AND SHIM KIT

| Part#    | Description                         |
|----------|-------------------------------------|
| 1100-Kit | A complete set of Bumpers and Shims |

Includes:

- One Bumper of each durometer
- One 0.38mm Shim
- One 0.76mm Shim

### SHIMS

| Part#     | Description         |
|-----------|---------------------|
| 1100-121A | 0.38mm Plastic Shim |
| 1100-121B | 0.76mm Plastic Shim |

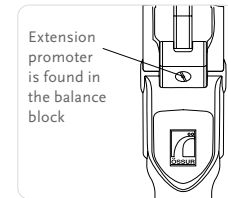
# TOTAL KNEE® JUNIOR

## COMPONENTS

### EXTENSION PROMOTER

The extension promoter assists in reducing excessive heel rise during periods of faster walking or increased activity.

| Part#  | Description  |
|--------|--|
| 1105-A | Assists in limiting heel rise, and moving the knee into a fully extended position. |



### EXTENSION ASSIST

| Part# | Description   | Color  | Stiffness |
|-------|---|--------|-----------|
| 1170  | Fully assembled extension with yellow spring inserted. Also includes blue spring. | Yellow | Regular   |
|       |   | Blue   | Firm      |

## JUNIOR COSMETIC FINISHING

| Picture | Part# | Description  |
|---------|-------|--|
| 1       | 1145  | Junior Shin Ferrule, black. Protects the knee unit and increases ease of foam cover application. |
| 2       | 1150  | Junior Knee Cap, small, black  |
| 3       | 1151  | Junior Knee Cap, large, beige  |



## JUNIOR ADAPTERS

### SOCKET ADAPTERS (45KG (100LBS) WEIGHT LIMIT ON ALL JUNIOR ADAPTERS)

#### 4-PRONG SOCKET ADAPTER

| Part#     | Material        | Build Height |      | Weight |       |
|-----------|-----------------|--------------|------|--------|-------|
| AJ-114040 | Stainless Steel | 9.5mm        | 3/8" | 79g    | 2.8oz |



#### FEMALE PYRAMID INSERT FOR PRONG

| Part#     | Material | Build Height |      | Weight |       |
|-----------|----------|--------------|------|--------|-------|
| AJ-142300 | Aluminum | 12mm         | 1/2" | 36g    | 1.3oz |



Note: Can be used in conjunction with Models AJ-831300, AJ-122300, or AJ-114040.

#### MALE PYRAMID INSERT FOR PRONG

| Part#     | Material                                  | Build Height |      | Weight |       |
|-----------|---|--------------|------|--------|-------|
| AJ-133300 | Aluminum / Stainless Steel Pyramid Insert | 5.5mm        | 1/4" | 36g    | 1.3oz |



Note: Can be used in conjunction with Models AJ-831300, AJ-122300, or AJ-114040.

#### 4-HOLE SOCKET ADAPTER

| Part#     | Material | Build Height |       | Weight |       |
|-----------|----------|--------------|-------|--------|-------|
| AJ-122100 | Aluminum | 14mm         | 9/16" | 46g    | 1.6oz |



## 4-HOLE ADAPTERS

#### 4-HOLE MALE PYRAMID

| Part#     | Material                   | Build Height |      | Weight |       |
|-----------|----------------------------|--------------|------|--------|-------|
| AJ-233100 | Aluminum / Stainless Steel | 6mm          | 1/4" | 39g    | 1.4oz |



#### 4-HOLE FEMALE PYRAMID

| Part#     | Material | Build Height |       | Weight |       |
|-----------|----------|--------------|-------|--------|-------|
| AJ-242100 | Aluminum | 14mm         | 9/16" | 34g    | 1.2oz |



#### FEMALE TUBE CLAMP

| Part#     | Material | Build Height |       | Weight |       |
|-----------|----------|--------------|-------|--------|-------|
| AJ-342100 | Aluminum | 14mm         | 9/16" | 48g    | 1.7oz |



#### TUBE JUNIOR, 22MM (7/8")

| Part#     | Material | Length |        | Weight |       |
|-----------|----------|--------|--------|--------|-------|
| AJ-712010 | Aluminum | 250mm  | 9 3/4" | 104g   | 3.7oz |



#### HEIGHT ADJUSTABLE PYLON - JUNIOR

| Part#     | Material | Min. Height |    | Min. Build Height |    | Range of Adjustment |      | Weight |       |
|-----------|----------|-------------|----|-------------------|----|---------------------|------|--------|-------|
| AJ-542350 | Aluminum | 76mm        | 3" | 76mm              | 3" | 76-102mm            | 3-4" | 145g   | 5.1oz |



## SACH FOOT ADAPTER

#### 8MM (5/16") SACH FOOT ADAPTER

| Part#     | Material                 | Build Height |      | Weight |       |
|-----------|--------------------------|--------------|------|--------|-------|
| AJ-833100 | Stainless Steel Aluminum | 6mm          | 1/4" | 54g    | 1.9oz |



# ÖSSUR POST-OP SOLUTIONS

---



ÖSSUR RIGID DRESSING



ICEROSS POST-OP TT LINER



ICEROSS POST-OP TF LINER



FIRST LINER

# POST-OP THERAPY BY ÖSSUR

## INTRODUCTION

For the last decade, Iceross silicone liners have been used in hospitals for compression therapy following transtibial amputation with good results. It is important for health care specialists who are planning to use this method to adapt the protocol to their own environment.

Results from the use of an Iceross Post-Op liner will be obtained if an Össur Rigid Dressing (ORD) has been applied to the residual limb immediately following amputation surgery and used for 5-7 days.

Compression therapy with the Iceross Post-Op liner should start 5-7 days following amputation surgery. Use of the silicone liner at this early stage is essential, as the largest change in residual limb volume occurs during the first weeks after amputation. Compression therapy is effective during this period. The liner is introduced gradually ensuring the amputee and their residual limb become accustomed to the compression and new environment.

Post-Op therapy with the ORD and Iceross Post-Op liner ensures a high quality compression treatment. It shapes the residual limb and enables it to mature more effectively.

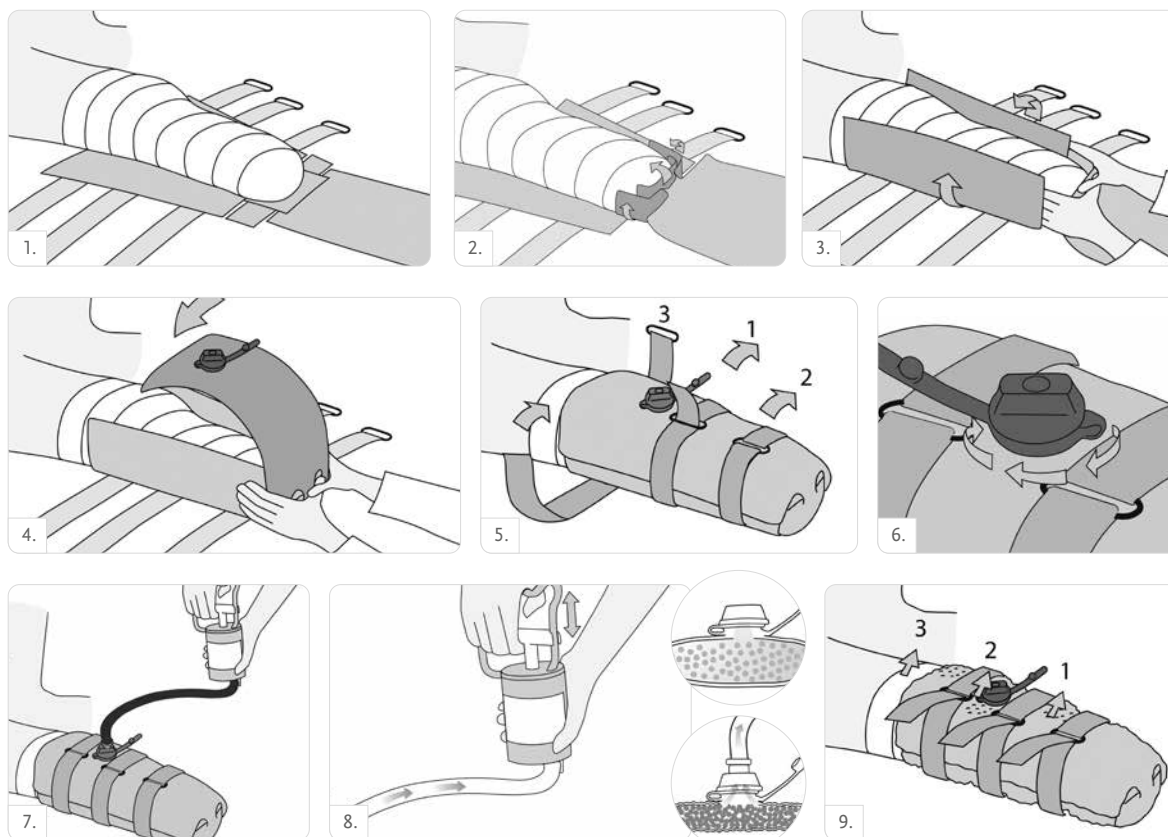
## CHARACTERISTICS

### POST-OP THERAPY BY ÖSSUR

Post-Op Therapy with ORD and the Iceross Post-Op liner ensures a high quality compression treatment. It shapes the residual limb and enables it to mature more effectively.



### ÖSSUR RIGID DRESSING (ORD)

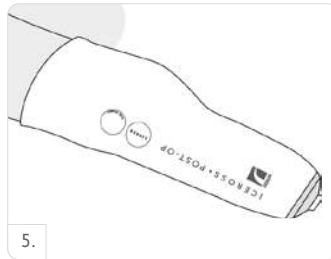
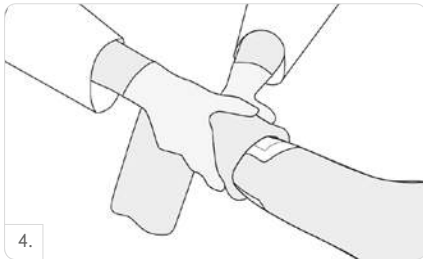
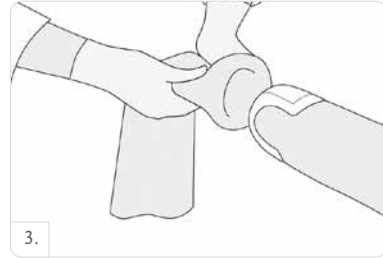
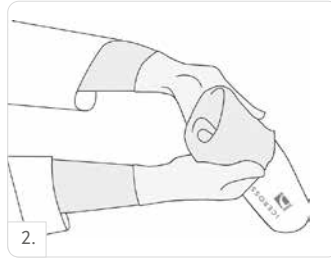


ÖSSUR POST-OP SOLUTIONS

# POST-OP THERAPY BY ÖSSUR

## INTRODUCTION

### ICEROSS POST-OP THERAPY



## ÖSSUR RIGID DRESSING (ORD)



The Össur Rigid Dressing immobilizes, protects and controls post-operative oedema in the residual limb immediately following transtibial amputation surgery.

Immobilization and oedema control are achieved by providing a firm dressing formed to match the volume and shape of the residual limb.

Immobilization assists in the prevention of contractures by restricting knee flexion. Effectively constraining and matching the volume of the residual limb will prevent an increase in oedema following surgery. Containing the residual limb prevents discomfort, caused by bed trauma and possible falls during early rehabilitation.

The ORD is made out of soft and pliable material and can thus be formed to the residual limb. The dressing is then made rigid by creating a vacuum in the internal chambers of the product.



### SIZE SELECTION

| Size  | Circumference 4 cm from Distal End of Residual Limb | Circumference 50 cm from Distal End of Residual Limb |
|-------|---|--|
| Small | Up to 42 cm   | Up to 58 cm  |
| Large | 42-65 cm  | 58-70 cm   |

Note: All circumference measurements are taken over dressings and padding material.

### PART NUMBER INFORMATION - ÖSSUR RIGID DRESSING (ORD)

| Part#    | Description                    | Size  |
|----------|--------------------------------|-------|
| K-239100 | Össur Rigid Dressing           | Small |
| K-239101 | Össur Rigid Dressing           | Large |
| K-239105 | Vacuum Pump for Rigid Dressing |       |



## ICEROSS® POST-OP TT LINER



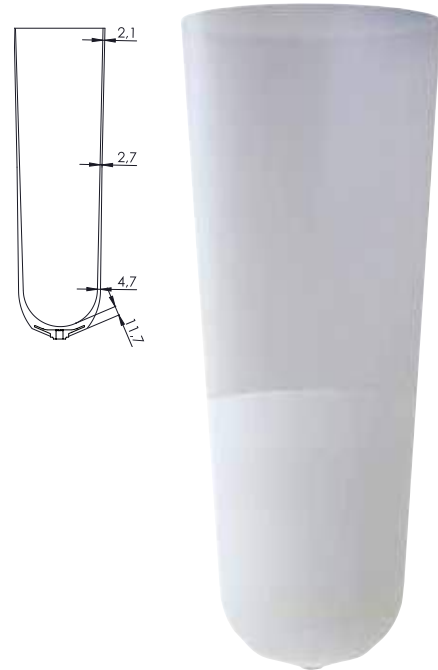
The Iceross POST-OP liner is used for compression therapy. Best results are obtained with an Iceross POST-OP liner if an Össur Rigid Dressing (ORD) has been applied to the residual limb immediately following amputation surgery and used for 5–7 days. The Iceross POST-OP liner features a Easy Glide coating that makes donning and doffing easier.

Early treatment with an Iceross POST-OP liner has been shown to assist early mobilization and speed up the wound healing process of the residual limb. This makes it possible to provide the amputee with a prosthesis at an earlier stage, leading to less dependence on medical staff.

Compression therapy with the Iceross POST-OP liner gives the residual limb an optimal shape for prosthetic socket fitting, thereby reducing the risk of prosthetic complications. The liner is autoclavable and can be used with an interim socket.

The main objectives of Iceross POST-OP liner use are to:

- Reduce the wound healing time
- Assists in Edema reduction
- Support the reduction of the stump volume
- Accelerate the time to prosthetic fitting



| User Information  |   |
|-------------------|---|
| Amputation Level: | Transtibial                                 |
| User:             | New amputee                                 |
| Liner Information |   |
| Sizes:            | 22,23.5,25,26.5,28,30,32,34,36,38,40,42,45. |
| Profile:          | 2mm   |
| Matrix:           | 10cm  |

### FEATURES



STABILIZING MATRIX



EASY GLIDE

### PART NUMBER INFORMATION - ICEROSS POST-OP

| Part#    | Profile | Suspension Method | Matrix |
|----------|---------|-------------------|--------|
| I-PO12XX | 2mm     | Locking           | 10cm   |



## ICEROSS® POST-OP TF LINER



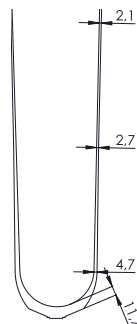
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Early treatment with an Iceross POST-OP liner has been shown to assist early mobilization and speed up the wound healing process of the residual limb. This makes it possible to provide the amputee with a prosthesis at an earlier stage, leading to less dependence on medical staff.

Compression therapy with the Iceross POST-OP liner gives the residual limb an optimal shape for prosthetic socket fitting, thereby reducing the risk of prosthetic complications. The liner is autoclavable.

The main objectives of Iceross POST-OP liner use are to:

- Reduce the wound healing time
- Assists in Edema reduction
- Support the reduction of the stump volume
- Accelerate the time to prosthetic fitting



| User Information  |  |
|-------------------|--|
| Amputation Level: | Transfemoral                           |
| User:             | New amputee                            |
| Liner Information |  |
| Sizes:            | 30, 32, 34, 36, 38, 40, 42, 45, 50, 55 |
| Profile:          | 2mm                                    |

### FEATURES



EASY GLIDE

### PART NUMBER INFORMATION - ICEROSS POST-OP

| Part#    | Profile | Suspension Method |
|----------|---------|-------------------|
| I-PO22XX | 2mm     | N/A               |

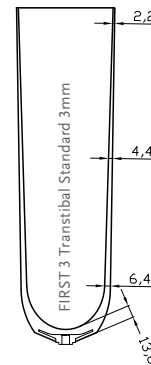
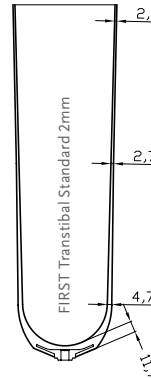
# FIRST™



FIRST liner provides a secure suspension between the residual limb and the prosthesis. It has been specially developed for the initial supply (interim supply) of the users. The silicone used is particularly permeable to water vapor and has a microscopically smooth surface. Liner transparency permits regular inspection of the residual limb.

- Simple and fast donning and doffing due to the easy-glide surface coating
- Easy to clean
- Liner transparency permits regular inspection of the residual limb for safe and reliable care
- Water-resistant. Suitable for taking a bath, swimming, showering
- Direct casting is possible - no isolation foil necessary

| User Information  |  |
|-------------------|--|
| Amputation Level: | Transtibial  |
| Impact Level:     | Low to Moderate  |
| Liner Information |  |
| Size Standard:    | 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 38, 40, 42, 45   |
| Profile:          | 2 mm, 3 mm   |
| Matrix:           | Proprioceptive 2-zone matrix, internal, 5cm + 3cm and 10cm + 3cm |



## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



EASY GLIDE

## PART NUMBER INFORMATION

| Part#   | Profile      | Suspension Method | Matrix   |
|---------|--------------|-------------------|--|
| MF923XX | Standard 2mm | Locking           | Proprioceptive 2-zone matrix, internal, 5cm + 3cm  |
| MF921XX | Standard 2mm | Locking           | Proprioceptive 2-zone matrix, internal, 10cm + 3cm |
| MF943XX | Standard 3mm | Locking           | Proprioceptive 2-zone matrix, internal, 5cm + 3cm  |
| MF941XX | Standard 3mm | Locking           | Proprioceptive 2-zone matrix, internal, 10cm + 3cm |

# ÖSSUR ICELOCK® SERIES

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ICELOCK 100 SERIES



ICELOCK 200 SERIES



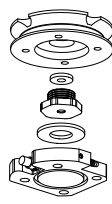
ICELOCK 300 SERIES



ICELOCK 400 SERIES



ICELOCK 500 SERIES



ICELOCK 544 SERIES



ICELOCK 600 SERIES



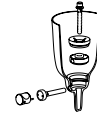
ICELOCK 700 SERIES

# ÖSSUR ICELOCK® SERIES

## ICELOCK CHARACTERISTICS

### RATCHET PIN

Used with Iceross® locking liners for moderate and highly active amputees with bony residual limbs who prefer the security of stepping into the prosthesis to don the socket. The ratchet pin makes an audible clicking sound when it engages.



### CLUTCH PIN

Used with Iceross locking liners for amputees of all activity levels who have fleshy residual limbs. The patient dons the prosthesis by winding into the socket rather than pushing or stepping into it.



### SMOOTH PIN

Used with Iceross locking liners for moderate and highly active amputees with bony residual limbs who prefer the security of stepping into the prosthesis to don the socket. The lock is silent when it engages, but provides a secure suspension along the entire length of the pin.



### LANYARD

Used with Iceross locking liners for new amputees or low to moderately active amputees with fleshy residual limbs who prefer to be pulled into the socket to don the prosthesis. This suspension system allows the user to apply their prosthesis while sitting down.



### DISTAL VALVE

Designed for use with Iceross cushion liners for amputees of all activity levels that cannot tolerate a distal attachment or prefer suction suspension to a mechanical method. Used in conjunction with a suspension sleeve, this suspension system allows the user to apply their prosthesis while sitting down.

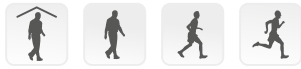


### EXPULSION VALVE

Designed for use with all Iceross Seal-In® liners. Can also be used with Cushion liners and the Sleeve.



## ICELOCK® 100 SERIES

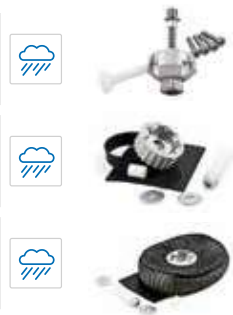


### RATCHET LOCK WITH INTEGRATED PYRAMID

- Interchangeable
- Easy to use - single lamination
- Can change to lanyard or valve
- Rated up to 120kg (265lbs) (titanium)
- All impact levels



| Part#    | Description                                 | Ratings |       | Build Height |      | Weight |       |
|----------|---|---------|-------|--------------|------|--------|-------|
| L-125000 | Icelock 125 Ratchet Stainless Steel Pyramid | 265lbs  | 120kg | 22mm         | 7/8" | 115g   | 4.5oz |
| Part#    | Description                                 | Ratings |       | Build Height |      | Weight |       |
| L-180001 | Icelock 100 Fabrication Kit without Braid   | N/A     |       | 22mm         | 7/8" | 99g    | 3.5oz |
| Part#    | Description                                 | Ratings |       | Build Height |      | Weight |       |
| L-180002 | Icelock 100 Fabrication Kit with Braid      | N/A     |       | 22mm         | 7/8" | 285g   | 10oz  |



## ACCESSORIES

| Part#    | Description   |
|----------|---|
| L-192000 | Attachment Pin Ratchet, standard w/cap, length 52mm, 13 notches |
| L-192003 | Attachment Pin Ratchet, short w/cap, length 34mm, 7 notches     |
| L-192005 | Attachment Pin Ratchet, long w/cap, length 65mm, 17 notches     |

# ICELOCK® 200 SERIES



The Icelock 200 series offers strong and durable locks with removable clutch mechanisms. Icelock 200 series is a great product for transfemoral amputees and is therefore ideal to use in conjunction with the Iceross® Transfemoral liner.

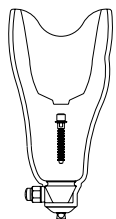


## CLUTCH LOCKS

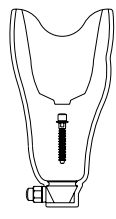
- Low build height and light-weight
- Wear-resistant stainless steel pin guide
- Secure clutch mechanism tested to tolerate at least 300kg (660lbs) pull
- Ability to change from Lanyard to Clutch
- All impact levels

## DIAGRAM

ICELOCK CLUTCH 211

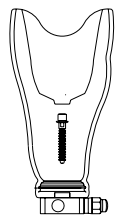


With Pyramid\* Adapter



Without Pyramid\* Adapter

ICELOCK CLUTCH 214

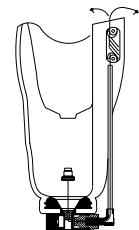


With 4-Hole Adapter



With AK Offset Adapter

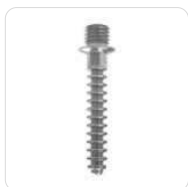
ICELOCK LANYARD 234



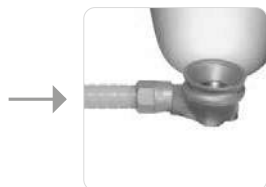
With 4-Hole Adapter

\* Note: pyramid must be purchased separately

## ICELOCK 211 OVERVIEW



Attachment Pin, Clutch



Icelock Clutch 211



Icelock Stainless Steel Pyramid 273  
Icelock Titanium Pyramid 272

# ICELOCK® 200 SERIES

## DIAGRAM

### ICELOCK 214 OVERVIEW



### PART NUMBER INFORMATION - LOCKS

| Part#    | Description                     | Ratings | Build Height |        | Weight |       |
|----------|---------------------------------|---------|--------------|--------|--------|-------|
| L-211000 | Icelock Clutch 211 (No Adapter) | N/A     | 21mm         | 13/16" | 78g    | 2.8oz |



| Part#    | Description                                  | Ratings      | Build Height |    | Weight |       |
|----------|--|--------------|--------------|----|--------|-------|
| L-214000 | Icelock Clutch 214 (Aluminum 4-Hole Adapter) | 120kg 265lbs | 25mm         | 1" | 186g   | 6.6oz |



To change from clutch to lanyard, order L-292050 Lanyard Adaptation Kit.

| Part#    | Description         | Ratings      | Build Height |    | Weight |       |
|----------|---------------------|--------------|--------------|----|--------|-------|
| L-234000 | Icelock Lanyard 234 | 120kg 265lbs | 25mm         | 1" | 168g   | 5.9oz |



To change from lanyard to clutch, order L-292020 Clutch Mechanism and T-wrench.

### ICELOCK CLUTCH 214 AK OFFSET\*

| Ratings |        | Build Height |      | Weight |      |
|---------|--------|--------------|------|--------|------|
| 136kg   | 300lbs | 18mm         | 3/4" | 314g   | 11oz |

| Picture | Part#    | Description                                       |
|---------|----------|---|
| 1.      | L-214311 | For left leg with release button on medial side   |
| 2.      | L-214312 | For left leg with release button on lateral side  |
| 3.      | L-214322 | For right leg with release button on medial side  |
| 4.      | L-214321 | For right leg with release button on lateral side |



\*30mm posterior and 20mm lateral offset

# ICELOCK® 200 SERIES

## PYRAMIDS FOR ICELOCK CLUTCH 211

| Part#    | Description                         | Ratings |        | Build Height |       | Weight |       |
|----------|-------------------------------------|---------|--------|--------------|-------|--------|-------|
| L-272000 | Icelock Titanium Pyramid 272        | 166kg   | 365lbs | 9mm          | 6/16" | 76g    | 2.7oz |
| Part#    | Description                         | Ratings |        | Build Height |       | Weight |       |
| L-273000 | Icelock Stainless Steel Pyramid 273 | 100kg   | 220lbs | 8mm          | 5/16" | 64g    | 2.3oz |



## ADAPTERS

| Part#    | Description                     | Weight Limit |        |
|----------|---------------------------------|--------------|--------|
| A-233100 | 4-Hole Male Pyramid, Aluminum   | 100kg        | 220lbs |
| A-242100 | 4-Hole Female Pyramid, Aluminum | 100kg        | 220lbs |
| A-235100 | 4-Hole Male Pyramid, Titanium   | 166kg        | 365lbs |
| A-245100 | 4-Hole Female Pyramid, Titanium | 166kg        | 365lbs |

Socket adapters see table of contents for page.

## COMPONENTS FOR ICELOCK 211

| Part#    | Description                                |
|----------|--|
| L-292015 | Lock Body with guide (without Dummy Screw) |
| L-292122 | Dummy Screw                                |
| L-292126 | Delrin Guide                               |
| L-293045 | Silicone Seal                              |
| L-292121 | Pin Tunnel                                 |
| L-292032 | Pyramid Bolt, long with o-ring             |

## COMPONENTS FOR ICELOCK 211 AND 214

| Part#    | Description   |
|----------|---|
| L-292000 | Attachment Pin Clutch, standard w/cap, length 40 mm, 12 notches |
| L-292003 | Attachment Pin Clutch, short w/cap, length 22 mm, 7 notches     |
| L-292005 | Attachment Pin Clutch, long w/cap, length 52 mm, 17 notches     |
| L-292020 | Clutch Mechanism and T-wrench                                   |
| L-293060 | T-wrench  |
| L-292131 | Release Button, Delrin  |



## ICELOCK® 200 SERIES

### COMPONENTS FOR ICELOCK PYRAMIDS 272 AND 273

| Part#    | Description                                      |
|----------|--|
| L-292032 | Pyramid Bolt, long with o-ring (for 272 Pyramid) |
| L-293048 | Silicone Fill for 272 Pyramid                    |
| L-293049 | Silicone Fill for 273 Pyramid                    |

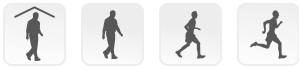
### COMPONENTS FOR ICELOCK 214

| Part#    | Description  |
|----------|--|
| L-292011 | Lock Body 4-Hole with Guide (without Clutch Mechanism) |
| L-292040 | Fabrication Kit (includes the five parts listed below) |
| L-292125 | Lam/Therm Ring   |
| L-292118 | Delrin Tooling Body                                    |
| L-292129 | Delrin Tooling Screw                                   |
| L-293042 | Screw M6 x 35  |

### COMPONENTS FOR ICELOCK 234

| Part#    | Description   |
|----------|---|
| L-292127 | Pivot, Lanyard  |
| L-292130 | Bushing, Lanyard  |
| L-392117 | Elbow, Lanyard  |
| L-392016 | Pull Handle Lanyard   |
| L-392018 | Lanyard Cord with Connecting Screw  |
| L-393012 | Cord Cover 40cm/16", Lanyard  |
| L-292050 | Lanyard Adaptation Kit for Changing Icelock Clutch 214 to Icelock Lanyard 234 |

# ICELOCK® 300 SERIES

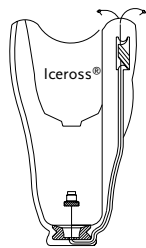


- Low build height
- Very light-weight
- Wear-resistant stainless steel pin guide
- Suitable for shower and water prostheses
- Low and moderate impact levels



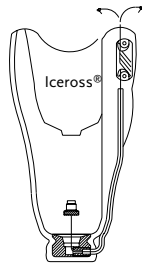
## DIAGRAM

ICELOCK LANYARD 331-L



For laminated sockets

ICELOCK LANYARD 331-T



For thermoplastic sockets

| Part#    | Description                | Build Height | Weight     |
|----------|----------------------------|--------------|------------|
| L-331001 | Lanyard 331-L (No Adapter) | 12mm 1/2"    | 22g 0.77oz |
| Part#    | Description                | Build Height | Weight     |
| L-331002 | Lanyard 331-T (No Adapter) | 14mm 9/16"   | 42g 1.5oz  |



## ICELOCK® 300 SERIES

### COMPONENTS FOR L-331001

| Part#    | Description                        |
|----------|------------------------------------|
| L-392016 | Pull Handle, lanyard               |
| L-392018 | Lanyard Cord with connecting screw |



### COMPONENTS FOR L-331002

| Part#    | Description                      |
|----------|----------------------------------|
| L-393012 | Cord Cover 40cm, lanyard         |
| L-392016 | Pull Handle, lanyard             |
| L-392112 | Bottom Attachment, thermoplastic |
| L-393018 | Screw 3.5 x 30mm                 |



# ICELOCK® 400 SERIES

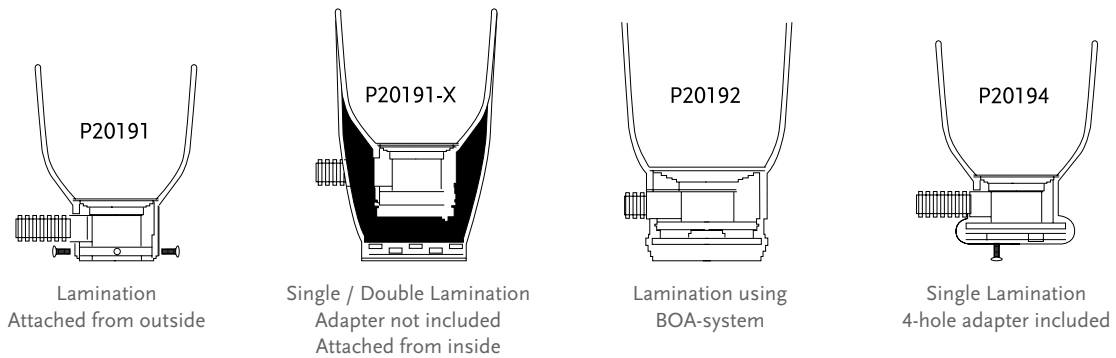


## SMOOTH PIN SYSTEM

- No movement, therefore no noise and less wear
- Removable from inside of socket
- Very lightweight
- All impact levels



## DIAGRAM



| Part#     | Description                        | Ratings        | Build Height |          | Weight |       |  |
|-----------|------------------------------------|----------------|--------------|----------|--------|-------|--|
| P20191*   | The Pin Standard Lamination        | N/A            | 35mm         | 1 3/8"   | 97g    | 3.4oz |  |
| Part#     | Description                        | Ratings        | Build Height |          | Weight |       |  |
| P20191-X* | The Pin, Single/Double Lamination  | N/A            | 37mm         | 1 7/16"  | 95g    | 3.4oz |  |
| Part#     | Description                        | Ratings        | Build Height |          | Weight |       |  |
| P20192*   | The Pin for BOA-System, Lamination | N/A            | 47mm         | 1 14/16" | 110g   | 3.9oz |  |
| Part#     | Description                        | Ratings        | Build Height |          | Weight |       |  |
| P20194*   | The Pin, w/ 4-Hole Lamination      | 120kg   220lbs | 34mm         | 1 5/16"  | 180g   | 6.3oz |  |

\* Note: Reusable fixtures and lamination dummies not included in lock kits. Must be ordered separately.

## ICELOCK® 400 SERIES

### FIXTURES (REUSABLE)

| Part#  | Description               |
|--------|---------------------------|
| P20109 | Fixture for all lock kits |

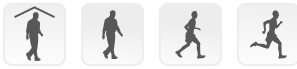
### DUMMIES (REUSABLE)

| Part#  | Description                 |
|--------|-----------------------------|
| P20151 | Dummy for P20191 & P20191-X |
| P20152 | Dummy for P20190 & P20192   |
| P20154 | Dummy for P20194            |

### SPARE PARTS AND DRAPE FORMERS (REUSABLE)

| Part#    | Description                          |
|----------|--------------------------------------|
| P20141   | Coupling Plate for P20191            |
| P20141-X | Coupling Plate for P20191-X          |
| P20142   | Coupling Plate for P20192            |
| P20143   | Coupling Plate for P20193            |
| P20144   | 4-hole Adapter for P20194            |
| P20151   | Dummy for 191/191-X                  |
| P20161   | Funnel for P20191 & P20191-X         |
| P20162   | Funnel for P20192                    |
| L-693506 | Attachment Pin Smooth, Standard 43mm |
| L-693507 | Attachment Pin Smooth, 53mm          |
| L-693508 | Attachment Pin Smooth, 63mm          |
| L-693509 | Attachment Pin Smooth, 75mm          |
| P-20177  | The Pin, Replacement Lock            |
| L-693504 | Metal Sleeve for Push Button         |
| L-693502 | Push Button, Adjustable              |
| P20251   | Insert Part for P20151               |

## ICELOCK® 500 SERIES



Both Icelock Expulsion Valve 551 and 552 are designed to be used with all suction suspension systems. The valves are positioned in a housing that seals securely against the inner surface of the hard socket near the distal end. The valves expell air under positive pressure when entering a socket. During removal of the prosthesis the push button needs to be compressed to allow air back into the hard socket. The Icelock 500 Series can be used for all impact levels.

| Part#    | Description                 |
|----------|-----------------------------|
| L-551002 | Icelock Expulsion Valve 551 |



The Icelock 551 Valve is an auto-expulsion and push button suction release in the same compact, easy to install package. (M 10). The valve is recommended for both Transtibial and Transfemoral users. The kit includes a flexible socket housing.



| Part#    | Description                 |
|----------|-----------------------------|
| L-552000 | Icelock Expulsion Valve 552 |



Icelock 552 Valve is an auto-expulsion valve with push button for suction release. The core of the valve can be unscrewed to facilitate rapid donning and it makes it possible to pull donning socks through the valve. The valve can be used with a flexible interface and is recommended for Transfemoral users.



# ICELOCK® 544 SERIES



The Icelock 544 Series consists of a variety of component configurations to support the use of elevated vacuum and expulsion. The series only uses one fabrication method that is compatible with all the component configurations so only a single fabrication enables access to all the different configurations.

Icelock 544 series is suitable for both transtibial and transfemoral amputees and fully compatible with Unity vacuum system as well as Iceross Seal-In.

## FEATURES

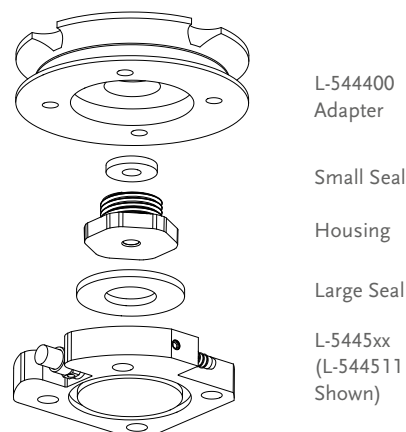
- Fabricate once, use the same socket for many different component configurations.
- Compatible with many different systems including: vacuum, expulsion, and Seal-In.

## ICELOCK 544 SERIES KITS

With these kits, all componentry is included to build the Icelock 544 Series configurations. To the right is an exploded view of the components used in the final configuration and how they fit into the L-544400 Adapter.

### EXAMPLE OF PARTS INCLUDED IN ICELOCK 544 KIT

- L-544400 Adapter
- Plate Lamination Dummy
- Small Seal
- Large Seal
- Housing
- Housing Lamination Dummy
- L-544XXX Plate
- Wrench
- M6x25mm Screws
- Vacuum Tube



## ICELOCK 544 SERIES KIT AMERICAS

| Part#    | Description  | Release button | Barb connector | Vacuum reservoir | Recommended Use                          | Color         | Ratings |        | Weight | Build height |
|----------|--|----------------|----------------|------------------|--|---------------|---------|--------|--------|--------------|
| L-544611 | Icelock 544 Unity Plate Kit (incl. Socket Adapter)*    | Yes            | Yes            |                  | Unity vacuum system with Iceross Seal-In | Grey, Black   | 136kg   | 300lbs | 216g   | 25.5mm       |
| L-544621 | Icelock 544 Expulsion Plate Kit (incl. Socket Adapter) | Yes            |                |                  | Iceross Seal-In Expulsion                | Orange, Black | 136kg   | 300lbs | 216g   | 25.5mm       |
| L-544612 | Icelock 544 Kit EP                                     |                | Yes            | Yes              | Electric Pump and Sleeve System          | Black, Black  | 136kg   | 300lbs | 206g   | 25.5mm       |
| L-544613 | Icelock 544 Kit Reservoir                              | Yes            | Yes            | Yes              | Electric Pump and Iceross Seal-In        | Blue, Black   | 136kg   | 300lbs | 212g   | 25.5mm       |
| L-544641 | Icelock 544 Kit LL                                     | Yes            |                |                  | LimbLogic Pump and Iceross Seal-In       | Red, Black    | 136kg   | 300lbs | 216g   | 25.5mm       |
| L-544620 | Icelock 544 Expulsion Valve Kit (incl. Socket Adapter) |                |                |                  | Sleeve Expulsion                         | Black, Black  | 136kg   | 300lbs | 104g   | 16mm         |
| L-544640 | Icelock 544 Kit E2 Connector                           |                |                |                  | E2 Electric Pump                         | Black, Black  | 136kg   | 300lbs | 103g   | 16mm         |



# ICELOCK® 544 SERIES

## ICELOCK 544 SERIES KITS

### ICELOCK 544 SERIES KIT EMEA

| Part#    | Description                    | Release button | Barb connector | Recommended Use                          | Color         | Ratings |        | Weight | Build height |
|----------|--------------------------------|----------------|----------------|--|---------------|---------|--------|--------|--------------|
|          |                                |                |                |  |               |         |        |        |              |
| L-544611 | Icelock 544 Kit Unity*         | Yes            | Yes            | Unity vacuum system with Iceross Seal-In | Grey, Black   | 136kg   | 300lbs | 216g   | 25.5mm       |
| L-544621 | Icelock 544 Kit Expulsion      | Yes            |                | Iceross Seal-In Expulsion                | Orange, Black | 136kg   | 300lbs | 216g   | 25.5mm       |
| L-544620 | Icelock 544 Kit Expulsion Only |                |                | Sleeve Expulsion                         | Black, Black  | 136kg   | 300lbs | 104g   | 16mm         |



## ICELOCK L-544400 SOCKET ADAPTER

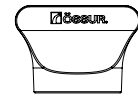
The L-544400 Socket Adapter is the common base for the Icelock 544 Series Kits.

L-544400 is installed in a single seamless lamination and brings up quality and consistency in the overall manufacturing of the socket.

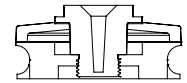
After installation, any of the Icelock 544 series valve plates will fit using only a 4mm hex key and Icelock 544 Wrench.

### L-544400 SOCKET ADAPTER INCLUDES

- Aluminum socket adapter
- Lamination dummies and wrench
- L-544XXX Plate
- M6x25mm Screws
- Vacuum Tube



Wrench Tool



Adapter with Fabrication Components

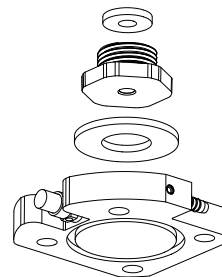
| Part#    | Description                | Ratings |        | Weight | Build height |
|----------|----------------------------|---------|--------|--------|--------------|
|          |                            |         |        |        |              |
| L-544400 | Icelock 544 Socket Adapter | 136kg   | 300lbs | 98 g   | 16 mm        |

## ICELOCK 544 SERIES VALVE PLATES AND CONNECTORS

Valve plates are available separate, without the socket adapter. To the right is an exploded example view of the components supplied with these Plates. All the necessary seals, check valves and housings are supplied with each plate/adapter.

### PARTS INCLUDED WITH ICELOCK 544 PLATES

- Small Seal
- Large Seal
- Housing



Small Seal

Housing

Large Seal

L-5445xx  
(L-544511 Shown)



# ICELOCK® 544 SERIES

## ICELOCK 544 SERIES VALVE PLATES AND CONNECTORS

### AMERICAS

| Part#    | Description                 | Release button | Barb connector | Vacuum reservoir | Recommended Use                          | Color  | Weight | Build height |
|----------|-----------------------------|----------------|----------------|------------------|--|--------|--------|--------------|
| L-544511 | Icelock 544 Plate Unity     | Yes            | Yes            |                  | Unity vacuum system with Iceross Seal-In | Grey   | 118g   | 9.5mm        |
| L-544521 | Icelock 544 Plate Expulsion | Yes            |                |                  | Iceross Seal-In Expulsion                | Orange | 118g   | 9.5mm        |
| L-544512 | Icelock 544 Plate EP        |                | Yes            | Yes              | Electric Pump and Sleeve System          | Black  | 108g   | 9.5mm        |
| L-544513 | Icelock 544 Plate Reservoir | Yes            | Yes            | Yes              | Electric Pump and Iceross Seal-In        | Blue   | 114g   | 9.5mm        |
| L-544541 | Icelock 544 Plate LL        | Yes            |                |                  | LimbLogic Pump and Iceross Seal-In       | Red    | 118g   | 9.5mm        |
| L-544520 | Icelock 544 Expulsion only  |                |                |                  | Sleeve Expulsion (Needs L-544400)        | Black  | 6g     | 0            |
| L-544540 | Icelock 544 E2 Connector    |                |                |                  | E2 Electric Pump (Needs L-544400)        | Black  | 5g     | 0            |

### EMEA

| Part#    | Description                 | Release button | Barb connector | Recommended Use                          | Color  | Weight | Build height |
|----------|-----------------------------|----------------|----------------|--|--------|--------|--------------|
| L-544511 | Icelock 544 Unity Plate     | Yes            | Yes            | Unity vacuum system with Iceross Seal-In | Grey   | 118g   | 9.5mm        |
| L-544521 | Icelock 544 Expulsion Plate | Yes            |                | Iceross Seal-In Expulsion                | Orange | 118g   | 9.5mm        |
| L-544520 | Icelock 544 Expulsion only  |                |                | Sleeve Expulsion (Needs L-544400)        | Black  | 6g     | 0            |

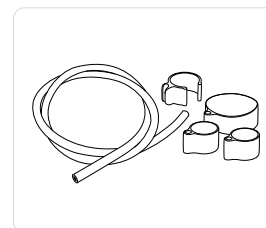
## ACCESSORIES AND SPARE PARTS FOR ICELOCK 544 SERIES

The spare parts kit contains everything you need to replace things that wear out or get lost.

### PARTS INCLUDED IN THE ICELOCK 544 SERIES SPARE PARTS KIT

- 4 Small Duckbill Valves
- 2 Large Duckbill Valves
- 2 Small Seals
- 2 Large Seals
- Unity Tubing
- O-Rings
- M6x25mm Screws

| Part#    | Description                        |
|----------|------------------------------------|
| L-544010 | Icelock 544 Series Spare Parts Kit |
| UTF0006  | Unity TF Tube Kit                  |



# ICELOCK® 544 SERIES

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## TOOLS

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### +PLUSERIES DISPENSER

| Part#    | Description                 |
|----------|-----------------------------|
| FSX80016 | +Pluseries 220 ml Dispenser |



### +PLUSERIES ADHESIVE

| Part#    | Description                                     |
|----------|---|
| FSX80015 | +Pluseries Adhesive 220 ml - Composite 1 Minute |



# ICELOCK® 562 HYBRID



The Icelock 562 Hybrid is a lock for trans-tibial amputees of all activity levels, providing superior function by combining the benefits of locking suspension with the benefits of vacuum suspension.

Users can benefit from reduced pistoning and improved rotational control from Seal-In, yet keeping the mechanical connection they are used to with its perceptible feedback.

### THE LOCK FEATURES:

- Option to change easily between locking suspension only, Seal-In only or combining these suspension mechanisms at the same time
- Low build height (with male pyramid integrated)
- Waterproof
- Unity compatible
- Direct Socket compatible

The lock should be used with the Seal-In X Locking liner, movable seal-rings and an airtight socket.

Combine Seal-In Technology with Unity vacuum system for stabilization of volume fluctuations and comfortable socket fit throughout the day.



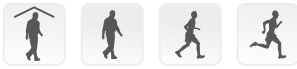
| Part#    | Description                           | Ratings |        | Build Height |    | Weight |       |
|----------|---------------------------------------|---------|--------|--------------|----|--------|-------|
| L-562000 | Icelock 562 Hybrid for Unity          | 166kg   | 365lbs | 12mm         | ½" | 164g   | 7.3oz |
| L-562500 | Icelock 562 Hybrid for passive Vacuum | 166kg   | 365lbs | 12mm         | ½" | 164g   | 7.3oz |



## SPARE PARTS FOR ICELOCK 562 HYBRID

| Part#    | Description  |
|----------|--|
| L-562100 | Fabrication Kit (1 Distal Connector, 1 Fixation Dummy, 1 Manufacturing Dummy 1 & 2, 1 Central Screw, 4 Screws, 4 Spacers, 4 Nails, 1 Aluminum Dummy, 1 Large Square Ring, 1 Large O-ring, 1 Small Square Ring) |
| L-562200 | Lock Kit for Unity (1 Lock Body incl. Release Button & 90° Unity Connector, 1 Pin, 1 Outlet Port, 4 Screws)  |
| L-562210 | Lock Kit for passive Vacuum (1 Lock Body incl. Release Button, 1 Pin, 2 Outlet Ports, 4 Screws)  |
| L-562300 | Spare Part Kit (4 Expulsion Valves, 2 O-rings, 4 Bronze Filters)   |
| L-562400 | Icelock 562 Unity for Direct Socket (1 Lock Body incl. Release Button & 90° Unity Connector, 1 Pin, 1 Outlet Port, 4 Screws for DS)  |
| L-562410 | Icelock 562 passive Vacuum for Direct Socket (1 Lock Body incl. Release Button, 1 Pin, 2 Outlet Ports, 4 Screws for DS)  |
| L-562013 | Outlet Port (for use of passive vacuum)  |
| L-562014 | 90° Unity Tube Connector   |
| L-562015 | Handle of Release Unit   |
| L-562016 | Icelock 562 Attachment Pin   |

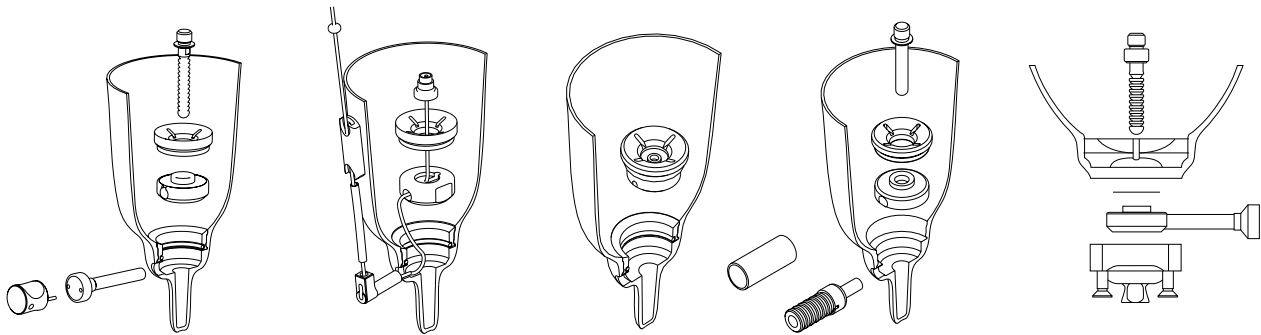
# ICELOCK® 600 SERIES



- Extremely light-weight and low build height.
- Fabrication Tools make the weight fabrication process very effective
- Very strong and durable
- Socket Adapters rated up to
  - 100kg (220lbs) and 166kg (365lbs)
- Easily interchangeable
- Removable from the inside of the socket
- All impact levels



## DIAGRAM



Icelock Ratchet 621

Icelock Lanyard 631

Icelock Valve 641

Icelock Smooth 651

Icelock 600XM



Double lamination  
choice of Socket Adapter



Single lamination  
Icelock Titanium Pyramid 672  
Icelock Stainless Steel Pyramid 673



Single lamination  
Icelock Alloy 4-Hole 674  
Icelock Titanium 4-Hole 675

### ICELOCK 600 SERIES

| Part#    | Description                      | Build Height |       | Weight |        |
|----------|----------------------------------|--------------|-------|--------|--------|
| L-621000 | Icelock 621 Ratchet (No Adapter) | 15mm         | 9/16" | 59g    | 2.01oz |
| L-631000 | Icelock 631 Lanyard (No Adapter) | 15mm         | 9/16" | 49g    | 1.7oz  |



# ICELOCK® 600 SERIES

| Part#    | Description                     | Build Height | Weight    |
|----------|---------------------------------|--------------|-----------|
| L-641000 | Icelock 641 Valve (No Adapter)* | 15mm 9/16"   | 40g 1.4oz |



| Part#    | Description                      | Build Height | Weight    |
|----------|----------------------------------|--------------|-----------|
| L-651000 | Icelock 651 Smooth (No Adapter)* | 15mm 9/16"   | 68g 2.4oz |



## ICELOCK 600XM

| Part#    | Description   | Build Height | Weight    |
|----------|---|--------------|-----------|
| L-621200 | Icelock 6212 Ratchet (No Adapter)*<br>Lock is embedded into pyramid | 0mm 0"       | 68g 2.4oz |



\*Use with L-680000 Fabrication Tooling Kit

| Part#    | Description                              |
|----------|--|
| L-680000 | Icelock 680 Fabrication Tools (Reusable) |



| Part#    | Description               |
|----------|---------------------------|
| L-621100 | Icelock 621 Adaption Kit* |
| L-631100 | Icelock 631 Adaption Kit* |
| L-641100 | Icelock 641 Adaption Kit* |
| L-651100 | Icelock 651 Adaption Kit* |

\*For use when changing lock type

## SPECIALLY DESIGNED PYRAMIDS FOR ICELOCK 600

| Part#    | Description                  | Ratings      |
|----------|------------------------------|--------------|
| L-672000 | Icelock 672 Titanium Pyramid | 166kg 365lbs |



| Part#    | Description                         | Ratings      |
|----------|-------------------------------------|--------------|
| L-673000 | Icelock 673 Stainless Steel Pyramid | 100kg 220lbs |



| Part#    | Description                 | Ratings      |
|----------|-----------------------------|--------------|
| L-674000 | Icelock 674 Aluminum 4-Hole | 100kg 220lbs |



| Part#    | Description                 | Ratings      |
|----------|-----------------------------|--------------|
| L-675000 | Icelock 675 Titanium 4-Hole | 166kg 365lbs |



## SPECIALLY DESIGNED PYRAMID FOR ICELOCK 600 XM

| Part#    | Description                  | Build Height | Weight     |
|----------|------------------------------|--------------|------------|
| L-676000 | Icelock 676 Aluminium 4-Hole | 8mm 0.32"    | 114g 4.0oz |



| Part#    | Description                     | Build Height | Weight     |
|----------|---------------------------------|--------------|------------|
| L-662000 | Icelock 662 Male Pyramid 4-Hole | 18mm 0.71"   | 122g 4.3oz |



## RELEASE KEY

| Part#    | Description  |
|----------|--|
| L-692016 | A tool to tighten and release the release unit (sold separately) |



## ICELOCK® 600 SERIES

### COMPONENTS FOR ICELOCK 621

| Part#    | Description   |
|----------|---|
| L-692022 | Icelock 600 Fabrication Ring with o-ring and silicone ring      |
| L-693125 | O-ring 35 x 2.5 for Fabrication Ring                            |
| L-692020 | Ratchet Lock Body   |
| L-692110 | Funnel  |
| L-692027 | Release Unit, long  |
| L-192000 | Attachment Pin Ratchet, standard w/cap, length 52mm, 13 notches |
| L-192003 | Attachment Pin Ratchet, short w/cap, length 34mm, 7 notches     |
| L-192005 | Attachment Pin Ratchet, long w/cap, length 65mm, 17 notches     |

### COMPONENTS FOR ICELOCK 631

| Part#    | Description                                    |
|----------|--|
| L-692022 | Fabrication Ring with o-ring and silicone ring |
| L-693125 | O-ring 35 x 2.5 for Fabrication Ring           |
| L-692025 | Bottom Attachment, lanyard                     |
| L-692110 | Funnel   |
| L-392018 | Lanyard Cord with connecting screw             |
| L-393012 | Cord Cover 40cm                                |
| L-392016 | Pull Handle                                    |
| L-392117 | Elbow, lanyard                                 |

### COMPONENTS FOR ICELOCK 641

| Part#    | Description                                    |
|----------|--|
| L-692022 | Fabrication Ring with o-ring and silicone ring |
| L-693125 | O-ring 35 x 2.5 for Fabrication Ring           |
| L-641100 | Expulsion Valve/Adaptation Kit 641             |

## ICELOCK® 600 SERIES

### COMPONENTS FOR ICELOCK 651

| Part#    | Description                                    |
|----------|--|
| L-692022 | Fabrication Ring with o-ring and silicone ring |
| L-692110 | Funnel   |
| L-693506 | Smooth Pin, 43mm                               |
| L-693507 | Smooth Pin, standard 53mm                      |
| L-693508 | Smooth Pin, 63mm                               |
| L-693509 | Smooth Pin, 75mm                               |
| L-692505 | Smooth Lock                                    |
| L-693504 | Protective sleeve for push button              |
| L-692501 | Release Unit                                   |
| L-693502 | Push Button                                    |
| L-693503 | Dust Cap                                       |

### COMPONENTS FOR ICELOCK TITANIUM 4-HOLE ADAPTER 675

| Part#    | Description           |
|----------|-----------------------|
| L-693120 | Screw M6 x 20mm, plus |

### COMPONENTS FOR ICELOCK FABRICATION TOOLS 680 (ALL HARDENED STAINLESS STEEL)

| Part#    | Description                            |
|----------|--|
| L-692010 | Lock Dummy with o-ring                 |
| L-692119 | Steel Guide                            |
| L-692120 | Release Dummy, standard                |
| L-692125 | Release Dummy, long                    |
| L-692130 | Pin Dummy, standard                    |
| L-692133 | Pin Dummy, short                       |
| L-693110 | Pin Dummy Bolt                         |
| L-692015 | Hex Driver with o-ring                 |
| L-692017 | Cross Driver with o-ring               |
| L-693126 | O-ring 4 x 2 for Hex and Cross Drivers |

# ICELOCK® 700 SERIES

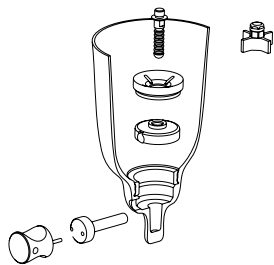


Designed to be used in conjunction with the Iceross Upper X and Iceross Junior liner systems.

- Low build height and compact design
- Light-weight
- Compatible for single or double lamination fabrication method
- 45kg (99lbs) weight limits on components
- Locking mechanisms are replaceable from inside of the socket
- All impact levels



## DIAGRAM



Double lamination  
Icelock Ratchet 721



Single lamination  
Icelock Stainless Steel Pyramid 773



Single lamination  
Icelock Alloy 4-hole 774

| Part#    | Description                              | Ratings |      | Weight |        |
|----------|--|---------|------|--------|--------|
| L-721000 | Icelock 721 Ratchet, Small (No Adapter)* | 13mm    | 1/2" | 20g*   | 0.71oz |

\*Use with L-780000 Fabrication Tooling Kit

| Part#    | Description                |
|----------|----------------------------|
| L-780000 | Icelock fabric tooling kit |

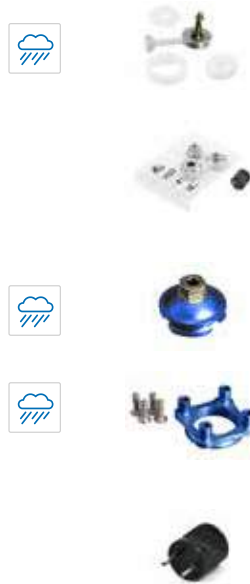
### SPECIALLY DESIGNED PYRAMIDS FOR ICELOCK 700

| Part#    | Description                   | Ratings |       |
|----------|-------------------------------|---------|-------|
| L-773000 | Icelock 773 Stainless Pyramid | 45kg    | 99lbs |

| Part#    | Description                 | Ratings |       |
|----------|-----------------------------|---------|-------|
| L-774000 | Icelock 774 Aluminum 4-Hole | 45kg    | 99lbs |

### RELEASE KEY

| Part#    | Description  |
|----------|--|
| L-792016 | A tool to tighten and release the release unit (sold separately) |





## ICELOCK® 700 SERIES

### COMPONENTS FOR RATCHET LOCK 721

| Part#    | Description                         |
|----------|-------------------------------------|
| L-792020 | Ratchet Lock without Adapter, small |
| L-792110 | Funnel, small                       |
| L-792150 | Fabrication Ring, small             |
| L-792027 | Release Unit, small                 |
| L-792031 | Pin Adapter*                        |
| L-792000 | Attachment Pin Ratchet, 32mm        |
| L-792005 | Attachment Pin Ratchet, 56mm        |
| L-793110 | Pin Dummy Bolt, small               |
| L-793112 | Silicone Seal, small                |

\*Pin adapter 700 series to adult liner

### COMPONENTS FOR FABRICATION (HARDENED STAINLESS STEEL)

| Part#    | Description                     |
|----------|---------------------------------|
| L-792119 | Steel Guide, small              |
| L-792120 | Release Dummy, small            |
| L-792130 | Pin Dummy, small                |
| L-692015 | Hex Driver with o-ring          |
| L-792017 | Cross Driver with o-ring, small |

# ÖSSUR ADAPTERS

## WEIGHT LIMIT 100KG (220LBS)

### SOCKET ADAPTERS

#### 4-HOLE SOCKET ADAPTER

| Part#    | Material | Height |      | Build Height |      | Weight |       |
|----------|----------|--------|------|--------------|------|--------|-------|
| A-122100 | Aluminum | 18.5mm | 3/4" | 18.5mm       | 3/4" | 70g    | 2.5oz |



#### MALE PYRAMID INSERT FOR PRONG

| Part#    | Material               | Height |        | Build Height |       | Weight |       |
|----------|------------------------|--------|--------|--------------|-------|--------|-------|
| A-134300 | Stainless Steel Insert | 31mm   | 1 1/4" | 7.5mm        | 5/16" | 94g    | 3.3oz |



#### FEMALE PYRAMID INSERT FOR PRONG

| Part#    | Material        | Height |      | Build Height |       | Weight |       |
|----------|-----------------|--------|------|--------------|-------|--------|-------|
| A-144300 | Stainless Steel | 23mm   | 7/8" | 14mm         | 9/16" | 83g    | 2.9oz |



### 4-HOLE ADAPTERS, WITH SCREWS

#### 4-HOLE MALE PYRAMID

| Part#    | Material                             | Height |        | Build Height |      | Weight |       |
|----------|--------------------------------------|--------|--------|--------------|------|--------|-------|
| A-233100 | Aluminum with Stainless Steel Insert | 23.5mm | 15/16" | 9mm          | 3/8" | 62g    | 2.2oz |



#### 4-HOLE FEMALE PYRAMID

| Part#    | Material | Height |      | Build Height |      | Weight |       |
|----------|----------|--------|------|--------------|------|--------|-------|
| A-242100 | Aluminum | 16mm   | 5/8" | 16mm         | 5/8" | 46g    | 1.6oz |



### TUBE CLAMPS

#### MALE PYRAMID TUBE CLAMP

| Part#    | Material                             | Height |         | Build Height |        | Weight |       |
|----------|--------------------------------------|--------|---------|--------------|--------|--------|-------|
| A-333100 | Aluminum with Stainless Steel Insert | 56mm   | 2 3/16" | 41.5mm       | 1 5/8" | 62g    | 2.2oz |



#### FEMALE PYRAMID TUBE CLAMP

| Part#    | Material | Height |    | Build Height |      | Weight |       |
|----------|----------|--------|----|--------------|------|--------|-------|
| A-342100 | Aluminum | 50mm   | 2" | 16mm         | 5/8" | 64g    | 2.3oz |



#### 4-HOLE TUBE CLAMP

| Part#    | Material | Height |        | Build Height |       | Weight |       |
|----------|----------|--------|--------|--------------|-------|--------|-------|
| A-322100 | Aluminum | 38mm   | 1 1/2" | 4mm          | 3/16" | 52g    | 1.8oz |



# WEIGHT LIMIT 100KG (220LBS)

## SINGLE ADAPTERS

### MALE SINGLE ADAPTER - SHORT

| Part#    | Material                                     | Height |    | Build Height |        | Weight |       |
|----------|--|--------|----|--------------|--------|--------|-------|
| A-433110 | Aluminum with Stainless Steel Pyramid Insert | 50mm   | 2" | 35.5mm       | 1 3/8" | 60g    | 2.1oz |



### MALE SINGLE ADAPTER - LONG

| Part#     | Material                                     | Height |    | Build Height |        | Weight |     |
|-----------|--|--------|----|--------------|--------|--------|-----|
| A-433120* | Aluminum with Stainless Steel Pyramid Insert | 77mm   | 3" | 63mm         | 2 1/2" | 86g    | 3oz |



\*77mm (3") overall, can be cut to length 70mm (2 3/4")

### FEMALE SINGLE ADAPTER - SHORT

| Part#     | Material | Height |    | Build Height |    | Weight |     |
|-----------|----------|--------|----|--------------|----|--------|-----|
| A-442100* | Aluminum | 100mm  | 4" | 100mm        | 4" | 86g    | 3oz |



\*100mm (4") overall, can be cut to length 60mm (2 3/4")

### FEMALE SINGLE ADAPTER - LONG

| Part#     | Material | Height |        | Build Height |        | Weight |       |
|-----------|----------|--------|--------|--------------|--------|--------|-------|
| A-442110* | Aluminum | 200mm  | 7 7/8" | 200mm        | 7 7/8" | 153g   | 5.4oz |



\*200mm (7 7/8") overall, can be cut to length 60mm (2 3/4")

## STANDARD ADAPTERS

### FEMALE DOUBLE ADAPTER - 32MM (1 1/4")

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-542110 | Aluminum | 32mm   | 1 1/4" | 32mm         | 1 1/4" | 66g    | 2.3oz |



### FEMALE DOUBLE ADAPTER - 45MM (1 3/4")

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-542120 | Aluminum | 45mm   | 1 3/4" | 45mm         | 1 3/4" | 76g    | 2.7oz |



### FEMALE DOUBLE ADAPTER - 60MM (2 3/9")

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-542130 | Aluminum | 60mm   | 2 3/9" | 60mm         | 2 3/9" | 88g    | 3.1oz |



### FEMALE DOUBLE ADAPTER - 75MM (3")

| Part#    | Material | Height |    | Build Height |    | Weight |       |
|----------|----------|--------|----|--------------|----|--------|-------|
| A-542140 | Aluminum | 75mm   | 3" | 75mm         | 3" | 100g   | 3.5oz |



### MALE DOUBLE ADAPTER

| Part#    | Material                                     | Height |        | Build Height |      | Weight |     |
|----------|--|--------|--------|--------------|------|--------|-----|
| A-533100 | Aluminum with Stainless Steel Pyramid Insert | 41mm   | 1 5/8" | 12mm         | 1/2" | 84g    | 3oz |



# WEIGHT LIMIT 100KG (220LBS)

## PYLONS AND TUBES

### TUBE - SHORT AND LONG

| Part#    | Material | Length |         |
|----------|----------|--------|---------|
| A-712010 | Aluminum | 250mm  | 9 3/4"  |
| A-712020 | Aluminum | 400mm  | 15 3/4" |



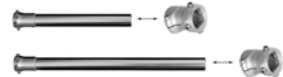
### FEMALE PYLON - SHORT AND LONG

| Part#    | Material | Length |         |
|----------|----------|--------|---------|
| A-742010 | Aluminum | 250mm  | 9 3/4"  |
| A-742020 | Aluminum | 400mm  | 15 3/4" |



### FEMALE PYLON KIT 1 - SHORT AND LONG

| Part#    | Material | Length |         |
|----------|----------|--------|---------|
| A-762111 | Aluminum | 250mm  | 9 3/4"  |
| A-762121 | Aluminum | 400mm  | 15 3/4" |



### HEIGHT ADJUSTABLE PYLON

| Part#    | Material | Min. Height |    | Min. Build Height |    | Range of Adjustment |          | Weight |       |
|----------|----------|-------------|----|-------------------|----|---------------------|----------|--------|-------|
| A-542350 | Aluminum | 77mm        | 3" | 77mm              | 3" | 77-95mm             | 3-3 3/4" | 190g   | 6.7oz |



### HEIGHT ADJUSTABLE PYLON - LONG

| Part#    | Material | Min. Height |        | Min. Build Height |        | Range of Adjustment |          | Weight |       |
|----------|----------|-------------|--------|-------------------|--------|---------------------|----------|--------|-------|
| A-542360 | Aluminum | 94mm        | 3 3/4" | 94mm              | 3 3/4" | 94-128mm            | 3 3/4-5" | 220g   | 7.8oz |



## FOOT ADAPTER

### SACH FOOT ADAPTER

| Part#    | Material                                     | Height |    | Build Height |      | Weight |       |
|----------|--|--------|----|--------------|------|--------|-------|
| A-833100 | Aluminum with Stainless Steel Pyramid insert | 25mm   | 1" | 9.5mm        | 3/8" | 105g   | 3.7oz |



## SHIFT ADAPTERS

### FEMALE PYRAMID TUBE CLAMP WITH 14MM OFFSET (9/16")

| Part#    | Material | Height |          | Build Height |        | Weight |       |
|----------|----------|--------|----------|--------------|--------|--------|-------|
| A-342430 | Aluminum | 69mm   | 2 11/16" | 35mm         | 2 3/8" | 135g   | 4.8oz |



## WEIGHT LIMIT 125KG (275LBS)

### 4-HOLE FEMALE PYRAMID WITH 20/20 OFFSET

| Part#    | Material | Height |      | Build Height |      | Weight |       |
|----------|----------|--------|------|--------------|------|--------|-------|
| A-242500 | Aluminum | 22mm   | 7/8" | 22mm         | 7/8" | 118g   | 4.2oz |



### MALE-FEMALE DOUBLE ADAPTER WITH 8MM OFFSET AND 10 DEGREES ANGLE

| Part#    | Material        | Height |          | Build Height |        | Weight |       |
|----------|-----------------|--------|----------|--------------|--------|--------|-------|
| A-554700 | Stainless steel | 40mm   | 1 37/64" | 24mm         | 15/16" | 153g   | 5.8oz |



### EURO 4-HOLE ADAPTER

| Part#    | Material | Height |       | Build Height |       | Weight |       |
|----------|----------|--------|-------|--------------|-------|--------|-------|
| A-122300 | Aluminum | 11mm   | 7/16" | 11mm         | 7/16" | 70g    | 2.5oz |



## WEIGHT LIMIT 136KG (300LBS)

### 4-HOLE ADAPTERS, WITH SCREWS

#### 4-HOLE MALE PYRAMID WITH ROTATION

| Part#   | Material        | Height |    | Build Height |       | Weight |       |
|---------|-----------------|--------|----|--------------|-------|--------|-------|
| M625400 | Stainless Steel | 25mm   | 1" | 10.5mm       | 7/16" | 145g   | 5.1oz |



#### 4-HOLE PYRAMID RECEIVER WITH ROTATION

| Part#   | Material        | Height |      | Build Height |      | Weight |       |
|---------|-----------------|--------|------|--------------|------|--------|-------|
| M626400 | Stainless Steel | 19mm   | 6/8" | 19mm         | 6/8" | 115g   | 4.1oz |



### SOCKET ADAPTERS

#### 4-HOLE CONNECTION PLATE

| Part#   | Material | Height |      | Build Height |      | Weight |       |
|---------|----------|--------|------|--------------|------|--------|-------|
| 1651014 | Aluminum | 9mm    | 3/8" | 9mm          | 3/8" | 60g    | 2.1oz |



## WEIGHT LIMIT 166KG (365LBS)

### SOCKET ADAPTERS

#### MALE PYRAMID SOCKET ADAPTER

| Part#    | Material | Height |      | Build Height |       | Weight |     |
|----------|----------|--------|------|--------------|-------|--------|-----|
| A-135100 | Titanium | 23mm   | 7/8" | 8.5mm        | 5/16" | 58g    | 2oz |



#### 4-HOLE SOCKET ADAPTER

| Part#    | Material | Height |      | Build Height |      | Weight |     |
|----------|----------|--------|------|--------------|------|--------|-----|
| A-125100 | Titanium | 18.5mm | 3/4" | 18.5mm       | 3/4" | 112g   | 4oz |



#### 4-PRONG SOCKET ADAPTER

| Part#    | Material        | Height |       | Build Height |       | Weight |     |
|----------|-----------------|--------|-------|--------------|-------|--------|-----|
| A-114040 | Stainless Steel | 8mm    | 5/16" | 8mm          | 5/16" | 158g   | 4oz |



# WEIGHT LIMIT 166KG (365LBS)

## SOCKET ADAPTERS

### 3-PRONG SOCKET ADAPTER

| Part#    | Material        | Build Height |       | Weight |       |
|----------|-----------------|--------------|-------|--------|-------|
| A-114030 | Stainless Steel | 8mm          | 5/16" | 124g   | 4.4oz |



### MALE PYRAMID INSERT FOR PRONG

| Part#    | Material | Height |        | Build Height |       | Weight |     |
|----------|----------|--------|--------|--------------|-------|--------|-----|
| A-135300 | Titanium | 31mm   | 1 1/4" | 7.5mm        | 5/16" | 56g    | 2oz |



### FEMALE PYRAMID INSERT FOR PRONG

| Part#    | Material | Height |      | Build Height |       | Weight |       |
|----------|----------|--------|------|--------------|-------|--------|-------|
| A-145300 | Titanium | 23mm   | 7/8" | 14mm         | 9/16" | 53g    | 1.9oz |



### FEMALE PYRAMID INSERT FOR PRONG LP

| Part#    | Material | Height |      | Build Height |      | Weight |        |
|----------|----------|--------|------|--------------|------|--------|--------|
| A-145310 | Titanium | 9mm    | 3/8" | 9mm          | 3/8" | 33g    | 1.16oz |



## 4-HOLE ADAPTERS, WITH SCREWS

### 4-HOLE MALE PYRAMID

| Part#    | Material | Height |      | Build Height |       | Weight |       |
|----------|----------|--------|------|--------------|-------|--------|-------|
| A-235100 | Titanium | 23mm   | 7/8" | 8.5mm        | 5/16" | 54g    | 1.9oz |



### 4-HOLE MALE PYRAMID WITH ROTATION

| Part#    | Material | Height |    | Build Height |       | Weight |       |
|----------|----------|--------|----|--------------|-------|--------|-------|
| A-235300 | Titanium | 25mm   | 1" | 10.5mm       | 7/16" | 72g    | 2.5oz |



### 4-HOLE MALE PYRAMID WITH 5/16" / 8MM OFFSET

| Part#    | Material | Height |      | Build Height |       | Weight |       |
|----------|----------|--------|------|--------------|-------|--------|-------|
| A-235400 | Titanium | 23mm   | 7/8" | 8.5mm        | 5/16" | 65g    | 2.3oz |



### 4-HOLE FEMALE PYRAMID

| Part#    | Material | Height |      | Build Height |      | Weight |       |
|----------|----------|--------|------|--------------|------|--------|-------|
| A-245100 | Titanium | 15.5mm | 5/8" | 15.5mm       | 5/8" | 64g    | 2.3oz |



### 4-HOLE FEMALE PYRAMID WITH ROTATION

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-245300 | Titanium | 17.5mm | 11/16" | 17.5mm       | 11/16" | 76g    | 2.7oz |



## TUBE CLAMPS

### MALE PYRAMID TUBE CLAMP

| Part#    | Material | Height |         | Build Height |       | Weight |       |
|----------|----------|--------|---------|--------------|-------|--------|-------|
| A-335100 | Titanium | 56mm   | 2 3/16" | 5.5mm        | 3/16" | 82g    | 2.8oz |



# WEIGHT LIMIT 166KG (365LBS)

## TUBE CLAMPS

### FEMALE PYRAMID TUBE CLAMP

| Part#    | Material | Height |    | Build Height |       | Weight |       |
|----------|----------|--------|----|--------------|-------|--------|-------|
| A-345100 | Titanium | 50mm   | 2" | 14mm         | 9/16" | 78g    | 2.8oz |



### 4-HOLE TUBE CLAMP

| Part#    | Material | Height |        | Build Height |       | Weight |       |
|----------|----------|--------|--------|--------------|-------|--------|-------|
| A-325100 | Titanium | 38mm   | 1 1/2" | 2mm          | 1/16" | 68g    | 2.4oz |



## SINGLE ADAPTERS

### MALE SINGLE ADAPTER - SHORT

| Part#    | Material | Height |         | Build Height |       | Weight |       |
|----------|----------|--------|---------|--------------|-------|--------|-------|
| A-435110 | Titanium | 50mm   | 2 3/16" | 35.5mm       | 3/16" | 80g    | 2.8oz |



### MALE SINGLE ADAPTER - LONG

| Part#     | Material | Height |    | Build Height |        | Weight |       |
|-----------|----------|--------|----|--------------|--------|--------|-------|
| A-435120* | Titanium | 77mm   | 3" | 63mm         | 1 1/2" | 103g   | 3.6oz |



\*77mm (3") overall, can be cut to length 70mm (2 3/4")

### FEMALE SINGLE ADAPTER

| Part#     | Material | Height |          | Build Height |          | Weight |       |
|-----------|----------|--------|----------|--------------|----------|--------|-------|
| A-445100* | Titanium | 100mm  | 3 15/16" | 100mm        | 3 15/16" | 118g   | 4.2oz |



\*100mm (3 15/16") overall can be cut to 60mm (2 3/8") length

## DOUBLE ADAPTERS

### FEMALE DOUBLE ADAPTER - 32MM (1 1/4")

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-545110 | Titanium | 32mm   | 1 1/4" | 32mm         | 1 1/4" | 90g    | 3.2oz |



### FEMALE DOUBLE ADAPTER - 45MM (1 3/4")

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-545120 | Titanium | 45mm   | 1 3/4" | 45mm         | 1 3/4" | 102g   | 3.6oz |



### FEMALE DOUBLE ADAPTER - 60MM (2 3/8")

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-545130 | Titanium | 60mm   | 2 3/8" | 60mm         | 2 3/8" | 119g   | 4.2oz |



### FEMALE DOUBLE ADAPTER - 75MM (2 15/16")

| Part#    | Material | Height |          | Build Height |          | Weight |     |
|----------|----------|--------|----------|--------------|----------|--------|-----|
| A-545140 | Titanium | 75mm   | 2 15/16" | 75mm         | 2 15/16" | 135g   | 4oz |



### MALE DOUBLE ADAPTER

| Part#    | Material | Height |        | Build Height |      | Weight |       |
|----------|----------|--------|--------|--------------|------|--------|-------|
| A-535100 | Titanium | 41mm   | 1 5/8" | 12mm         | 1/2" | 98g    | 3.5oz |



# WEIGHT LIMIT 166KG (365LBS)

## PYLONS AND TUBES

### FEMALE PYLON TITANIUM, WP – LONG & SHORT

| Part#    | Material                               | Length |         |
|----------|--|--------|---------|
| A-748030 | Titanium Female Pyramid, Aluminum Tube | 250mm  | 9 3/4"  |
| A-748040 | Titanium Female Pyramid, Aluminum Tube | 400mm  | 15 3/4" |



### FEMALE PYLON KIT TITANIUM, WP – LONG & SHORT

| Part#    | Material  | Length |         |
|----------|---|--------|---------|
| A-764111 | Titanium Female Pyramid, Aluminum Tube, Titanium Tube Clamp | 250mm  | 9 3/4"  |
| A-764121 | Titanium Female Pyramid, Aluminum Tube, Titanium Tube Clamp | 400mm  | 15 3/4" |



## FOOT ADAPTER

### SACH FOOT ADAPTER

| Part#    | Material | Height |    | Build Height |      | Weight |       |
|----------|----------|--------|----|--------------|------|--------|-------|
| A-835100 | Titanium | 25mm   | 1" | 9.5mm        | 3/8" | 110g   | 3.8oz |



## SHIFT ADAPTERS

### SHIFT ADAPTER WITH TITANIUM

| Part#    | Material | Height |        | Build Height |        | Weight |       |
|----------|----------|--------|--------|--------------|--------|--------|-------|
| A-645210 | Titanium | 60mm   | 2 3/8" | 60mm         | 2 3/8" | 208g   | 7.3oz |





## VACU VALVE

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The Vacu valve is an air expulsion valve for use in a vacuum socket system with knee sleeve for use in thermoplastic or laminated sockets. The Vacu valve can be used for all impact levels.

| Part#   | Description |
|---------|-------------|
| 1810723 | Vacu valve  |



# ÖSSUR UPPER EXTREMITY

## CHARACTERISTICS

### SMART CONTROL

The wrist can be directly rotated without changing grip, using SMART control. SMART control is calibrated during set up of the prosthesis to each users' individual muscle activities.



SMART CONTROL

### MUSCLE CONTROL

Triggers are specific muscle signals that are used to instruct the i-Limb and i-Digits to activate a specific grip.



MUSCLE CONTROL

### PROXIMITY CONTROL

Grip Chips are small Bluetooth enabled devices that allow users to enter any available grips, simply by moving their i-Limb Quantum device close to an object where a grip chip is placed.



PROXIMITY CONTROL

### APP CONTROL

Quick Grips provide instant access to various pre-programmed and custom My Grips, allowing huge versatility and flexibility in customizing the hands for a variety of daily activities. Use Quick Grips with a number of mobile devices, including the Apple Watch.



APP CONTROL

### GESTURE CONTROL

i-Mo Technology enables an automated grip to be accessed by moving the i-Limb Quantum in one of four directions. The 4 chosen grips can be easily changed via the mobile app.



GESTURE CONTROL

### HIGH / LOW

If the beginning of the muscle signal rises quickly the wrist will rotate. With the direction determined based on whether the action was from the open or close electrode.

Low: A slow (or low) rising beginning of the muscle signal will operate the open/closing of the i-limb hand.



HIGH / LOW

### CO-CONTRACTION

Co-contraction is a switching method to move between hand and wrist control.

If the user co-contracts (a quick rising of both open/close signals together) the prosthesis will switch from hand to wrist control. The open and close muscle actions will now rotate the wrist palm up and palm down. Another co-contraction will return the prosthesis back to hand control.



CO-CONTRACTION

# i-LIMB® FEATURE OVERVIEW



i-Limb® Quantum



i-Limb® Ultra



i-Limb® Access

|  |  |  |
|--|--|--|
| Compliant Grip with proportional control   | Compliant Grip with proportional control   | Compliant Grip with proportional control   |
| Powered Thumb with manual override         | Powered Thumb with manual override         | Manually Rotatable Thumb                   |
| Gesture Control i-Mo™ Technology           |  |  |
| App Control Quick Grips™                   | App control Quick Grips™                   | App control Quick Grips™                   |
| Muscle Control Triggers                    | Muscle Control Triggers                    | Muscle Control Triggers                    |
| Proximity Control Grip Chips™              |  |  |
| 24 automated grips                         | 18 automated grips                         | 12 automated grips                         |
| 12 Custom My Grips™                        |  |  |
| Speed & strength boost                     | Speed & strength boost                     | Speed & strength boost                     |
| Vari-Grip                                  | Vari-Grip                                  |  |
| Natural hand mode                          | Natural hand mode                          |  |
| Auto-Grasp                                 | Auto-Grasp                                 | Auto-Grasp                                 |
| Hand health check via Biosim/My i-Limb app | Hand health check via Biosim/My i-Limb app | Hand health check via Biosim/My i-Limb app |
| XS, S, M, L                                | XS, S, M, L                                | XS, S, M, L                                |

## i-LIMB® QUANTUM

The i-Limb Quantum is Össurs' premium multi-articulating myoelectric hand.

Incorporating i-Mo technology the i-Limb Quantum is the only upper limb prosthesis which can change grips with a gesture. Enabled by moving the i-Limb Quantum in one of four directions to access the desired grip.

- Five independently articulating digits with individual stall out ability
- 4 methods of control – Gesture, App, Muscle, Proximity
- With our speed boost feature, digit speed can be increased by up to 30%
- Electronically rotating thumb automatically switches between lateral and oppositional grip patterns
- Select from up to 36 different grips available, both pre-programmed and customized
- Vari-Grip™ feature for additional grip strength
- Auto-Grasp™ - anti drop safety feature to prevent objects from slipping
- Touch Care package offers warranty support for up to 5 years
- Biosim™ and My i-Limb™ Apps
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available to suit individual lifestyles



The i-Limb Quantum is also available with titanium strengthened fingers, which increase the carry load by 50%. Available in the sizes S / M and L.

### CONTROL METHODS



i-MO™  
GESTURE CONTROL



TRIGGERS  
MUSCLE CONTROL



QUICK GRIPS™  
APP CONTROL



GRIP CHIPS™  
PROXIMITY CONTROL

| Device Weight  |              |              |              |
|----------------|--------------|--------------|--------------|
|                | Extra Small  | Small        | Medium/Large |
| QWD            | 472g/1.04lbs | 512g/1.13lbs | 528g/1.16lbs |
| WD             | 432g/0.95lbs | 472g/1.04lbs | 488g/1.08lbs |
| Flexion Wrist  | 572g/1.26lbs | 612g/1.35lbs | 628g/1.38lbs |
| Friction Wrist | 467g/1.03lbs | 507g/1.12lbs | 523g/1.15lbs |

| Technical Information               |   |
|-------------------------------------|---|
| Voltage                             | 7.4 V (nominal)   |
| Max. Current                        | 5 A   |
| Battery Capacity                    | Rechargeable lithium polymer; 7.4 V (nominal); 2000 mAh capacity; 1300 mAh capacity |
| Max. hand load limit (static limit) | 40kg/88lbs (Extra Small)<br>90kg/198lb (Small/Medium/Large)                         |
| Finger carry load (static limit)    | 20kg/44lbs (Extra Small)<br>32kg/71lbs (Small/Medium/Large)                         |
| Time from full open to full close   | 0.8 seconds   |

# i-LIMB® QUANTUM

## i-LIMB QUANTUM PACKAGES

| EMEA                              |           |           |           |           |           |           |           |           |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Package                           | 1         | 1.1       | 2         | 2.1       | 3         | 3.1       | 4         | 4.1       | 5         | 5.1       | 6         | 6.1       |
| <b>Standard</b> hand package code | TBX 50140 | TBX 50527 | TBX 50141 | TBX 50528 | TBX 50142 | TBX 50529 | TBX 50143 | TBX 50530 | TBX 50144 | TBX 50531 | TBX 50145 | TBX 50532 |
| <b>Titanium</b> hand package code | TBX 50470 | TBX 50533 | TBX 50471 | TBX 50534 | TBX 50472 | TBX 50535 | TBX 50473 | TBX 50536 | TBX 50474 | TBX 50537 | TBX 50475 | TBX 50538 |
| QWD/WD/<br>Friction wrist         | •         | •         |           |           | •         | •         |           |           | •         | •         |           |           |
| Flexion wrist                     |           |           | •         | •         |           |           | •         | •         |           |           | •         | •         |
| Socket component kit              | •         |           | •         |           | •         |           | •         |           | •         |           | •         |           |
| Electrode kit                     | •         |           | •         |           | •         |           | •         |           | •         |           | •         |           |
| Grip Chips                        |           |           |           |           | •         | •         | •         | •         | •         | •         | •         | •         |
| Standard glove package            | •         | •         | •         | •         | •         | •         | •         | •         |           |           |           |           |
| Enhanced glove package            |           |           |           |           |           |           |           |           | •         | •         | •         | •         |

All packages include:

- Battery and magnetic charge port
- Mains charger
- Car charger
- iPod Touch

Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS, and Natural

Enhanced glove package includes 2 i-Limb Skin Match covers and 4 others from i-Limb Skin Active, Active TS, Contour, Contour TS, Natural

# i-LIMB® QUANTUM

## i-LIMB QUANTUM PACKAGES

| AMERICAS                          |           |           |           |           |           |           |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Package                           | QWD       | WD        | Friction  | Flexion   | 1.1       | 2.1       | 3.1       | 4.1       | 5.1       | 6.1       |
| <b>Standard</b> hand package code | TBX 50428 | TBX 50429 | TBX 50433 | TBX 50432 | TBX 50527 | TBX 50528 | TBX 50529 | TBX 50530 | TBX 50531 | TBX 50532 |
| <b>Titanium</b> hand package code | TBX 50430 | TBX 50431 | TBX 50435 | TBX 50534 | TBX 50533 | TBX 50534 | TBX 50535 | TBX 50536 | TBX 50537 | TBX 50538 |
| QWD                               | •         |           |           |           | •         |           | •         |           | •         |           |
| WD                                |           | •         |           |           |           |           |           |           |           |           |
| Friction wrist                    |           |           | •         |           |           |           |           |           |           |           |
| Flexion wrist                     |           |           |           | •         |           | •         |           | •         |           | •         |
| Socket component kit              | •         |           |           |           |           |           |           |           |           |           |
| Electrode kit                     |           |           |           |           |           |           |           |           |           |           |
| Battery and magnetic charge port  | •         |           |           |           | •         | •         | •         | •         | •         | •         |
| Mains charger                     | •         |           |           |           | •         | •         | •         | •         | •         | •         |
| Car charger                       | •         |           |           |           | •         | •         | •         | •         | •         | •         |
| Grip Chips                        | •         |           |           |           |           |           | •         | •         | •         | •         |
| iPod Touch                        | •         |           |           |           | •         | •         | •         | •         | •         | •         |
| Standard glove package            | •         |           |           |           | •         | •         | •         | •         |           |           |
| Enhanced glove package            |           |           |           |           |           |           |           |           | •         | •         |

Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS

Enhanced glove package includes 2 i-Limb Skin Match covers and 4 others from i-Limb Skin Active, Active TS, Contour, Contour TS

## i-LIMB® ULTRA

A myoelectric, multi-articulating prosthetic hand with five individually powered digits. Electrically rotating thumb with manual override.

- Individually motorized digits with compliant grip and stall-out ability
- Electronically rotatable thumb, with manual override, automatically switches between lateral and oppositional positions
- With our speed boost feature, digit speed can be increased by up to 30%
- App control provides instant access to Quick Grips™ at the touch of an icon.
- Muscle control uses specific muscle signals called triggers to instruct the hand to activate a specific grip
- 18 different automated grip options available
- Vari-Grip™ feature for additional grip strength
- Auto-Grasp™ - anti drop safety feature for added reassurance
- Biosim™ and My i-Limb™ Apps
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available



The i-Limb Ultra is also available with titanium strengthened fingers, which increase the carry load by 50%. Available in the sizes S / M and L.

### CONTROL METHODS



TRIGGERS  
MUSCLE CONTROL



QUICK GRIPS  
APP CONTROL

| Device Weight  |              |              |              |
|----------------|--------------|--------------|--------------|
|                | Extra Small  | Small        | Medium/Large |
| QWD            | 472g/1.04lbs | 512g/1.13lbs | 528g/1.16lbs |
| WD             | 432g/0.95lbs | 472g/1.04lbs | 488g/1.08lbs |
| Flexion Wrist  | 572g/1.26lbs | 612g/1.35lbs | 628g/1.38lbs |
| Friction Wrist | 467g/1.03lbs | 507g/1.12lbs | 523g/1.15lbs |

| Technical Information               |   |
|-------------------------------------|---|
| Voltage                             | 7.4 V (nominal)   |
| Max. Current                        | 5 A   |
| Battery Capacity                    | Rechargeable lithium polymer; 7.4 V (nominal); 2000 mAh capacity; 1300 mAh capacity |
| Max. hand load limit (static limit) | 40kg/88lbs (Extra Small)<br>90kg/198lb (Small/Medium/Large)                         |
| Finger carry load (static limit)    | 20kg/44lbs (Extra Small)<br>32kg/71lbs (Small/Medium/Large)                         |
| Time from full open to full close   | 0.8 seconds   |

# i-LIMB® ULTRA

## i-LIMB ULTRA PACKAGES

| EMEA                              |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|
| Package                           | 1         | 1.1       | 2         | 2.1       |
| <b>Standard</b> hand package code | TBX 50185 | TBX 50539 | TBX 50186 | TBX 50540 |
| <b>Titanium</b> hand package code | TBX 50482 | TBX 50541 | TBX 50483 | TBX 50542 |
| QWD/WD/<br>Friction wrist         | •         | •         |           |           |
| Flexion wrist                     |           |           | •         | •         |
| Socket component kit              | •         |           | •         |           |
| Electrode kit                     | •         |           | •         |           |

All packages include:

- Battery and magnetic charge port
- Mains charger
- Car charger
- iPod Touch
- Standard glove package - includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS, Natural

| AMERICAS                          |           |           |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Package                           | QWD       | WD        | Friction  | Flexion   | 1.1       | 2.1       |
| <b>Standard</b> hand package code | TBX 50444 | TBX 50445 | TBX 50449 | TBX 50448 | TBX 50539 | TBX 50540 |
| <b>Titanium</b> hand package code | TBX 50446 | TBX 50447 | TBX 50451 | TBX 50450 | TBX 50541 | TBX 50542 |
| QWD                               | •         |           |           |           | •         |           |
| WD                                |           | •         |           |           |           |           |
| Friction wrist                    |           |           | •         |           |           |           |
| Flexion wrist                     |           |           |           | •         |           | •         |
| Socket component kit              | •         | •         | •         | •         |           |           |
| Electrode kit                     |           |           |           |           |           |           |

All packages include:

- Battery and magnetic charge port
- Mains charger
- Car charger
- iPod Touch
- Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS



## i-LIMB® ACCESS

A myoelectric, multi-articulating prosthetic hand that offers five individually powered digits and manually rotatable thumb.

- Individually motorized digits with compliant grip and stall-out ability
- Manually rotatable thumb that can be positioned between lateral and oppositional mode for creating different grip positions
- With our speed boost feature, digit speed can be increased by up to 30%
- App control provides instant access to Quick Grips™ at the touch of an icon.
- Muscle control uses specific muscle signals called triggers to instruct the hand to activate a specific grip
- 12 different automated grip options available.
- Biosim™ and My i-Limb™ Apps
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available



The i-Limb Access is also available with titanium strengthened fingers, which increase the carry load by 50%. Available in the sizes S / M and L.

### CONTROL METHODS



TRIGGERS  
MUSCLE CONTROL



QUICK GRIPS  
APP CONTROL

| Device Weight  |              |              |              |
|----------------|--------------|--------------|--------------|
|                | Extra Small  | Small        | Medium/Large |
| QWD            | 432g/0.95lbs | 468g/1.03lbs | 478g/1.05lbs |
| WD             | 392g/0.86lbs | 428g/0.94lbs | 438g/0.97lbs |
| Flexion Wrist  | 532g/1.17lbs | 568g/1.25lbs | 578g/1.27lbs |
| Friction Wrist | 427g/0.94lbs | 463g/1.02lbs | 473g/1.04lbs |

| Technical Information               |   |
|-------------------------------------|---|
| Voltage                             | 7.4 V (nominal)   |
| Max. Current                        | 5 A   |
| Battery Capacity                    | Rechargeable lithium polymer; 7.4 V (nominal); 2000 mAh capacity; 1300 mAh capacity |
| Max. hand load limit (static limit) | 40kg/88lbs (Extra Small)<br>90kg/198lb (Small/Medium/Large)                         |
| Finger carry load (static limit)    | 20kg/44lbs (Extra Small)<br>32kg/71lbs (Small/Medium/Large)                         |
| Time from full open to full close   | 0.8 seconds   |

# i-LIMB® ACCESS

## i-LIMB ACCESS PACKAGES

| EMEA                              |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|
| Package                           | 1         | 1.1       | 2         | 2.1       |
| <b>Standard</b> hand package code | TBX 50042 | TBX 50543 | TBX 50043 | TBX 50544 |
| <b>Titanium</b> hand package code | TBX 50484 | TBX 50545 | TBX 50485 | TBX 50546 |
| QWD/WD/<br>Friction wrist         | •         | •         |           |           |
| Flexion wrist                     |           |           | •         | •         |
| Socket component kit              | •         |           | •         |           |
| Electrode kit                     | •         |           | •         |           |

All packages include:

- Battery and magnetic charge port
- Mains charger
- Car charger
- Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS

| AMERICAS                          |           |           |           |           |           |           |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Package                           | QWD       | WD        | Friction  | Flexion   | 1.1       | 2.1       |
| <b>Standard</b> hand package code | TBX 50420 | TBX 50421 | TBX 50425 | TBX 50424 | TBX 50543 | TBX 50544 |
| <b>Titanium</b> hand package code | TBX 50422 | TBX 50423 | TBX 50427 | TBX 50426 | TBX 50545 | TBX 50546 |
| QWD                               | •         |           |           |           | •         |           |
| WD                                |           | •         |           |           |           |           |
| Friction wrist                    |           |           | •         |           |           |           |
| Flexion wrist                     |           |           |           | •         |           | •         |
| Socket component kit              | •         | •         | •         | •         |           |           |
| Electrode kit                     |           |           |           |           |           |           |

All packages include:

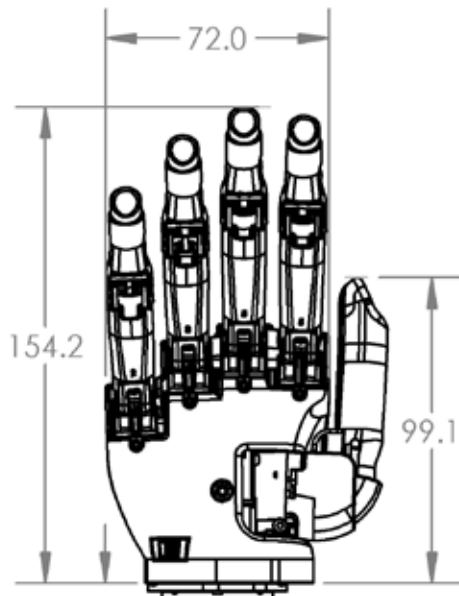
- Battery and magnetic charge port
- Mains charger
- Car charger
- Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS

i-LIMB®

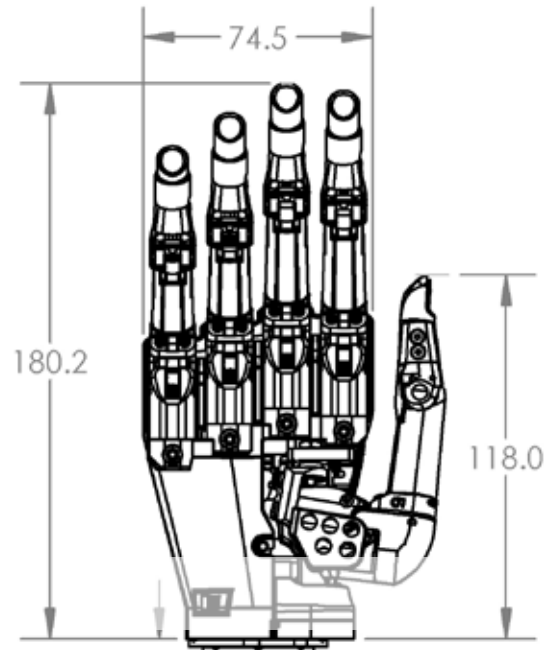
DIMENSIONS

Not to scale; lengths in mm

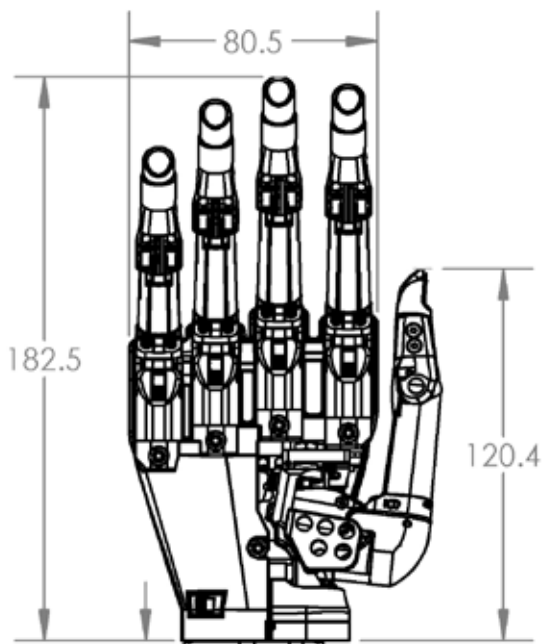
Extra Small Hand



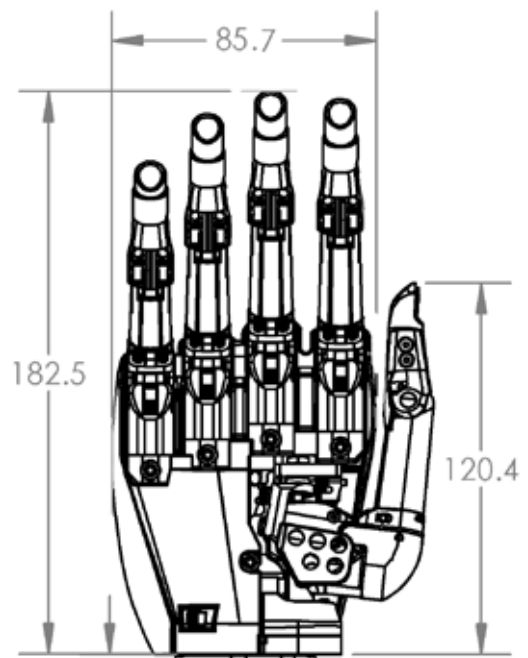
Small Hand



Medium Hand



Large Hand



# i-LIMB®

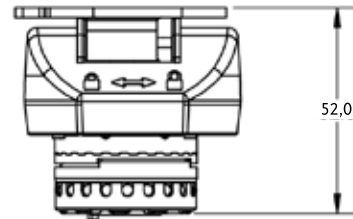
## WRIST OPTIONS

The i-Limb hand range is available with a variety of wrist options

### Flexion Wrist

The Flexion Wrist offers passive wrist flexion and extension with the ability to lock it in 5 positions; +40° +20° 0° -20° -40°. The wrist is locked/unlocked with a simple magnetic lock.

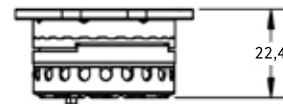
Weight: 161 g / 0.35lbs



### Quick Wrist Disconnect

Quick Wrist Disconnect (QWD) offers manual wrist rotation. The hand can be easily fitted to and removed from the prosthesis by the user.

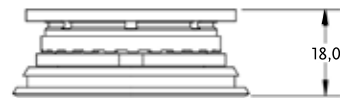
Weight: 54 g / 0.12lbs



### Friction Wrist

Friction Wrist is suitable for individuals with a long residual limb, offering manual wrist rotation. The hand cannot be removed from the prosthesis by the user.

Weight: 49 g / 0.11lbs

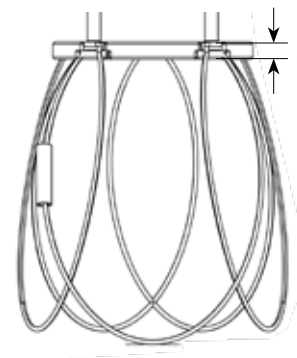


### Wrist Disarticulation

Wrist disarticulation (WD) is the lowest profile attachment, making it suitable for users with a long residual limb.

A lamination basket is fabricated directly to the socket. No rotation of the hand is possible, and the user is not able to remove the hand from the prosthesis.

Weight: 17 g / 0.04lbs



## i-LIMB® WRIST

The i-Limb Wrist and i-Limb Quantum hand together offer new levels of functionality to the user.

Suitable for individuals with trans-radial level absence.

- Simultaneous wrist rotation upon grip selection eliminates the requirement to position the hand and wrist separately
- Smart control allows the user to directly rotate their wrist from their individual muscle actions
- Conventional rotational control methods of co-contraction and High/Low are also available
- Speed boost
- Set up via Biosim app on iPad
- Dual site digital electrodes (compact and remote options available)
- Expansion ring fitment into socket
- i-Limb Wrist also compatible with i-Limb Ultra and i-Limb Access hands - in which case the simultaneous rotation feature is not available



### CONTROL METHODS



SMART CONTROL



HIGH / LOW



CO-CONTRACTION

| Code   | Description                              |
|--|--|
| TBX50547   | i-Limb Wrist Kit with compact electrodes |
| TBX50548   | i-Limb Wrist Kit with remote electrodes  |
| Note: Kit includes i-Limb Wrist, fabrication dummies, torque driver and digital electrodes |  |
| PL544009   | Digital electrode kit: compact           |
| PL544008   | Digital electrode kit: remote            |

| Technical Information |      |
|-----------------------|------|
| Weight:               | 160g |
| Length to wrist face  | 56mm |

## i-DIGITS™ QUANTUM

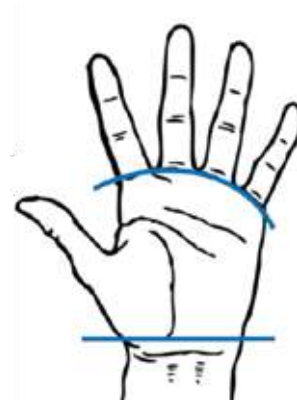
i-Digits Quantum is a customized prosthetic device for individuals with partial hand loss or deficiency.

i-Digits Quantum is suitable for individuals with partial hand absence distal to the wrist and proximal to the metacarpophalangeal joint. Anywhere from one to five digits can be replaced.

i-Digits Quantum incorporates i-Mo technology, enabling grips to be accessed by moving the i-Digits Quantum in one of four directions.

- Fully customized prosthesis for partial hand loss or congenital absence
- Up to 32 grips available
- Self-contained wristband houses batteries & microprocessor
- Digits work in conjunction with remaining fingers
- Vari-Grip™ feature for additional grip strength
- Auto Grasp™ anti-drop feature for added reassurance
- Boost speed and strength by up to 30% with Biosim My i-Limb™ App

Gesture control enables an automated grip to be accessed by moving the i-Digits Quantum in one of four directions.



### CONTROL METHODS



i-MO™  
GESTURE CONTROL



TRIGGERS  
MUSCLE CONTROL



QUICK GRIPS™  
APP CONTROL



GRIP CHIPS™  
PROXIMITY CONTROL



## i-DIGITS™ ACCESS

i-Digits Access is a customized prosthetic device for individuals with partial hand loss or deficiency.

i-Digits Access is suitable for individuals with partial hand absence distal to the wrist and proximal to the metacarpophalangeal joint. Anywhere from one to five digits can be replaced.

i-Digits Access offers a functional partial hand solution.

- Fully customized prosthesis for partial hand loss or congenital absence
- Up to 12 grips available
- Self-contained wristband houses batteries & microprocessor
- Digits work in conjunction with remaining fingers



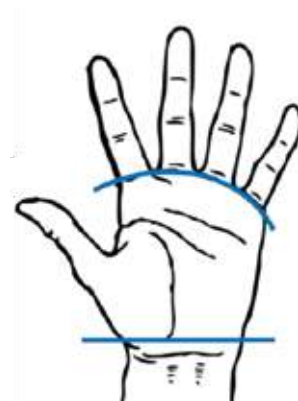
### CONTROL METHODS



TRIGGERS  
MUSCLE CONTROL



QUICK GRIPS  
APP CONTROL



# i-DIGITS™

## DIMENSIONS

i-Digits are available in extra small and medium sizes.

The extra small mounting plate is 67 mm wide, with a straight digit alignment.

The medium mounting plate is 73 mm wide, with a splayed digit alignment.

|             | Thumb | Index | Middle | Ring | Little |
|-------------|-------|-------|--------|------|--------|
| Extra Small | 5     | 5     | 5      | 3    | 2      |
| Medium      | 5     | 6     | 6      | 5    | 3      |



*These configurations provide the digit arrangement and functionality for individuals within the advised fitting guidelines.*

## INPUT OPTIONS

A range of input options are available for i-Digits allowing the optimum option for the individual user to be utilized.

### LP remote electrodes

Suspension piece is fabricated within the silicone socket. This provides the optimum suspension and spacing of the electrode domes. Two domes are positioned together for the muscle site, and one single shared ground dome can be used for dual site control.

| Picture | Code     | Description                   |
|---------|----------|-------------------------------|
| 1.      | PL441012 | LP Remote Electrode Kit       |
|         | SA441080 | Check Socket Remote Electrode |



### FSR (Force Sensing Resistor)

Very thin touch pad which the user operates by physically moving a part of their residual hand.

| Picture | Code     | Description              |
|---------|----------|--------------------------|
|         | SA441092 | FSR for i-Digits (small) |
| 2.      | SA441093 | FSR for i-Digits (large) |





# i-DIGITS™

## ACCESSORIES

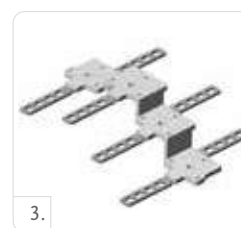
### Batteries and Chargers

| Picture | Code     | Description  |
|---------|----------|--|
| 1.      | SA069313 | 800mAh battery   |
|         | PL069380 | i-Digits Car Charger DC socket                               |
|         | 069436   | i-Digits Charger DC input plug - EU                          |
|         | 069332   | i-Digits Charger DC input plug - UK                          |
|         | 069504   | i-Digits Charger DC input plug - Australia                   |
|         | 069372   | i-Digits Charger DC input plug - US                          |
|         | PL069340 | i-Digits Battery Charger base unit                           |
| 2.      | 069331   | i-Digits Power Supply Unit (must be ordered with input plug) |



### Assembly Accessories

| Picture | Code     | Description   |
|---------|----------|---|
| 3.      | SA441036 | i-Digits RH mounting knuckle plate assembly - extra small |
|         | SA440003 | i-Digits LH mounting knuckle plate assembly - extra small |
| 4.      | SA069406 | i-Digits RH mounting knuckle plate assembly - medium      |
|         | SA069405 | i-Digits LH mounting knuckle plate assembly - medium      |
|         | PL441052 | Thumb pivot assembly                                      |
|         | 069227   | Thumb angled mounting plate                               |
|         | PL441056 | Single wired knuckle assembly                             |
|         | SA400074 | Ratchet Strap + Screws + Shoulder Insert Assembly         |
|         | PL177004 | Repair tool kit T6 with torque driver                     |



### Bellows Assembly

| Code     | Description                               |
|----------|---|
| SA441040 | i-Digits Electrode Bellows Assembly 50 Hz |
| SA451002 | i-Digits Electrode Bellows Assembly 60 Hz |
| SA441078 | FSR Bellows Assembly for i-Digits         |

### Digit Tips

| Code   | Description                    |
|--------|--------------------------------|
| 441031 | i-Digits Cover Size 2 black    |
| 441082 | i-Digits Cover Size 2 clear    |
| 441032 | i-Digits Cover Size 3 black    |
| 441083 | i-Digits Cover Size 3 clear    |
| 441033 | i-Digits Cover Size 5 black    |
| 441084 | i-Digits Cover Size 5 clear    |
| 441034 | i-Digits Cover Size TS 5 black |

| Code   | Description                    |
|--------|--------------------------------|
| 441085 | i-Digits Cover Size TS 5 clear |
| 441035 | i-Digits Thumb Cover black     |
| 441088 | i-Digits Thumb Cover clear     |
| 441076 | i-Digits Cover Size 6 black    |
| 441086 | i-Digits Cover Size 6 clear    |
| 441077 | i-Digits Cover Size TS 6 black |
| 441087 | i-Digits Cover Size TS 6 clear |

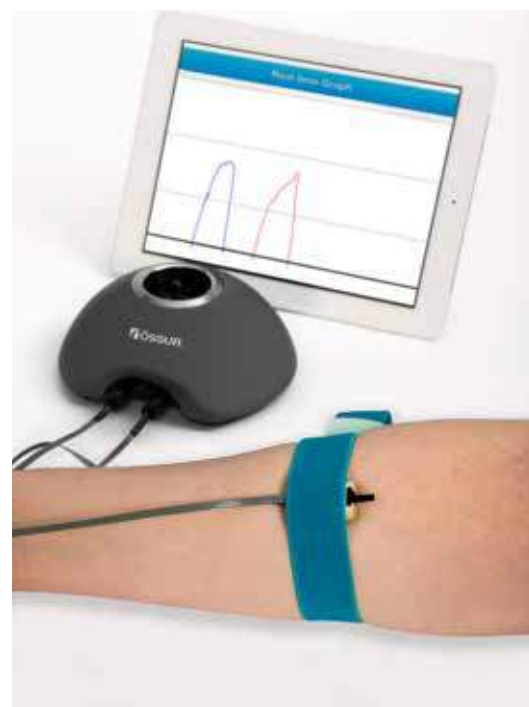
## VIRTU-LIMB™

Virtu-Limb is a wireless simulation and training product for myoelectric upper limb prostheses.

Virtu-Limb can be used for a variety of purposes:

- Measuring clients' myoelectric signals to determine the muscle sites for their prosthesis
- Training clients how to control their muscle signals
- Training clients how to use automated grips
- Connect to Biosim™ or My i-Limb™ software
- Use muscle signals to control virtual hand on software
- Attach i-Limb hand to demonstrate i-Limb products to clients

| Code     | Description   |
|----------|---|
| PL188000 | Virtu-Limb Kit - US (60 Hz)                           |
| PL189000 | Virtu-Limb Kit - UK                                   |
| PL189002 | Virtu-Limb Kit - EU                                   |
| PL189003 | Virtu-Limb Kit - Australia                            |
| SA188010 | Virtu-Limb FSR Touchpad                               |
| PL189001 | Virtu-Limb Compact Electrode Kit (50 Hz) - 2 supplied |
| PL188064 | Virtu-Limb Compact Electrode Kit (60 Hz) - 2 supplied |



Virtu-Limb™ to measure myoelectric signals

## DEMO-LIMB™

Demo-Limb is a portable demonstration and user training tool. Any i-Limb® hand with a QWD wrist connection can be attached to the Demo-Limb and controlled via FSRs or electrodes to demonstrate how the i-Limb hands work.

FSRs are useful for demonstrating the functions of the i-Limb hand, like gesture or muscle control.

The electrodes enable a potential i-Limb user to utilize their muscle sites and control the i-Limb hand offering a product demo for potential users as well as a demonstration and testing of grips.

The i-Limb hand can be linked to Biosim™ or my i-Limb to allow programming, use of Quick Grips and review of users signals using the real time graph.

With an i-Limb Quantum hand the Demo-Limb™ is particularly useful for activation of gesture control.

Features of the Demo-Limb:

- Two FSR's to simulate open and close signals programmable for co-contraction, double and triple impulse
- Possibility to connect electrodes for control
- Ability to demonstrate gesture control, muscle control, app control and proximity control
- QWD connection
- Exchangeable battery

| Code     | Description |
|----------|-------------|
| PL071000 | Demo-Limb   |

Demo-Limb is compatible with Virtu-Limb electrodes and Power Pack batteries.

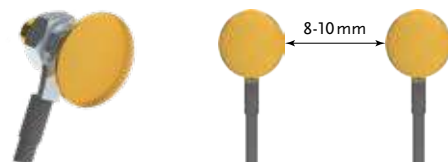


# ELECTRODES

## REMOTE ELECTRODES

- For use with all i-Limb® hands
- Gold-plated domes for optimized EMG signal
- 50 Hz or 60 Hz
- Dimensions 23 mm x 17.4 mm x 5.6 mm
- 10 mm diameter electrode domes
- Optimum electrode dome spacing is 8-10 mm
- Gain selection, 1-7
- Gain and threshold can be adjusted through Biosim™

| Code     | Description  |
|----------|--|
| PL069466 | 50 Hz single site remote Electrode Kit, 300 mm cable |
| PL069467 | 60 Hz single site remote Electrode Kit, 300 mm cable |
| PL069468 | 50 Hz single site remote Electrode Kit, 600 mm cable |
| PL069469 | 60 Hz single site remote Electrode Kit, 600 mm cable |



The improvement in EMG amplitude is greater than 20% when using gold-plated electrodes.

# ELECTRODES

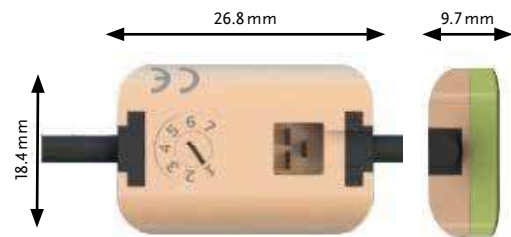
## COMPACT ELECTRODES

- For use with all i-Limb® hands
- Medical grade stainless steel electrode contacts
- 50 Hz or 60 Hz
- Protection against dust and water spray, compliant with IP64
- Dimensions 26.8 mm x 18.4 mm x 9.7 mm
- Gain selection 1-7
- Gain and threshold can be adjusted using Biosim™ software

Additional Kit Contents:

- Lamination and thermoplastic dummies
- Electrode cable (choice of 300 mm or 600 mm) and insulated displacement connector
- Electrode gain adjustment tool
- Socket attachment screws and anchors

| Code     | Description                                 |
|----------|---|
| PL091050 | Compact Electrode Kit, 50 Hz (300 mm cable) |
| PL091060 | Compact Electrode Kit, 60 Hz (300 mm cable) |
| PL091127 | Compact Electrode Kit 50 Hz (600 mm cable)  |
| PL091128 | Compact Electrode Kit 60 Hz (600 mm cable)  |
| PL091029 | 3-way cable 300 mm                          |
| PL091030 | 3-way cable 600 mm                          |



# CHARGERS & BATTERIES

## MAGNETIC CHARGER PORT

- Touch sensitive on/off switch.
- LED battery indicator with low level warning light
- Fail-safe feature - battery reserve prevents hand locking in closed position

Össur Touch Solutions batteries are required for use with i-Limb® hands.



| Code     | Description                                   |
|----------|---|
| PL000290 | Magnetic Charge Port, including Cable Adaptor |
| PL000335 | 2000 mAh battery                              |
| PL000336 | 1300 mAh battery                              |

|                       |        | i-Limb<br>1300 mAh<br>Battery | i-Limb<br>2000 mAh<br>Battery |
|-----------------------|--------|-------------------------------|-------------------------------|
| Capacity              |        | 1300 mAh                      | 2000 mAh                      |
| Battery<br>Dimensions | Length | 70 mm (2.76")                 | 80 mm (3.17")                 |
|                       | Width  | 35 mm (1.39")                 | 44 mm (1.74")                 |
|                       | Height | 6 mm (0.24")                  | 7.5 mm (0.30")                |
| Application           |        | Moderate Use                  | Heavy Use                     |

## CHARGERS

Only approved chargers should be used with products from the Touch Solutions range. Different chargers are available for different countries. Please ensure you use the correct charger for your product.

| Picture | Code     | Description  |
|---------|----------|--|
| 1       | PL000291 | Mains Charger Power Supply Unit (also order mains cable) |
|         | 000312   | Mains Cable with UK plug                                 |
|         | 000313   | Mains Cable with EU plug                                 |
|         | 000224   | Mains Cable with US plug                                 |
|         | 000315   | Mains Cable with Aus plug                                |
|         | 000316   | Mains Cable with SA plug                                 |
| 2       | PL000292 | Car Charger  |



## CHARGERS & BATTERIES

### i-LIMB® POWER PACK

The i-Limb Power Pack is for users who want the ability to easily replace batteries and are offered with or without a switch block.

Battery housing is fabricated on the outside of socket, allowing for easy access to replace the batteries.

Replaceable battery kits include the following items:

- 1 dual battery housing unit
- 4 Removable 800 mAh batteries with low battery LED indicator; battery LED will glow RED when batteries are below 10% charge
- 2 Battery housing dummies
- Dual battery charger base unit
- Wall charging unit
- Switch Block (is typically used for patients who would like a power off control on the socket)
- Switch template (if switch block is ordered). This template is to be applied to the desired position on the socket to help guide drill holes.
- 2 Battery Pull cords. The battery pull cord provides a simple solution for removing the battery from the socket.
- Car Charger



Dual battery housing unit



800mAh battery



Charger base unit



Wall charger



Switch block

| Code     | Description                                      |
|----------|--|
| PL238149 | Replaceable Battery Assembly Kit                 |
| PL238163 | Replaceable Battery Assembly Kit w/ switch block |

# i-LIMB®

## ACCESSORIES

### Grip Chips™

Can be used to store grips or favourites for i-Limb® Quantum and i-Digits™ Quantum.

| Code      | Description                             |
|-----------|---|
| PL238300A | Grip Chips Starter Kit & App Activation |

### Toolkit

Required for maintenance of the i-Limb® hand.

| Code     | Description                           |
|----------|---------------------------------------|
| PL177001 | Repair Tool Kit T10                   |
| PL177002 | Repair Tool Kit T6                    |
| PL177003 | Repair Tool Kit T8                    |
| PL177004 | Repair Tool Kit T6 with torque driver |

### Coupling Piece & Coaxial Plug

For QWD connection.

| Picture | Code     | Description        |
|---------|----------|--------------------|
| 1       | PL091032 | Coupling piece     |
| 2       | PL091036 | 4-way Coaxial Plug |

### Lamination Ring

For lamination into prosthesis for QWD connection.

| Picture | Code   | Description           |
|---------|--------|-----------------------|
| 3       | 089003 | Lamination Ring 50 mm |
|         | 091037 | Lamination Ring 45 mm |

### QWD Tool

Required for assembly of a QWD.

| Picture | Code   | Description                       |
|---------|--------|-----------------------------------|
| 4       | 091084 | Quick Wrist Disconnect (QWD) tool |

### WD Lamination Plate-Basket Assembly

For lamination into prosthesis with WD connection.

| Picture | Code     | Description                         |
|---------|----------|-------------------------------------|
| 5       | SA149003 | WD Lamination Plate/Basket Assembly |

### Electrode Kits

| Code     | Description   |
|----------|---|
| PL091067 | Single Site Socket Component Kit, including one Electrode Kit |
| PL091068 | Dual Site Socket Component Kit,, including two Electrode Kits |





## COVERINGS

### i-LIMB® SKIN ACTIVE AND TS COVERS

The i-Limb Skin Active cover is designed for the i-Limb hands and will fully cover the hand. The palm and inner surface of the cover provide some frictional properties for slip resistance when gripping. The back of the glove is smooth to allow the hand to easily move through sleeves of clothing.

The i-Limb Skin Active TS allows users to use touchscreen devices such as smartphones or tablets with compatible i-Limb prostheses.

Note: for large i-Limb hands order medium covering.



#### i-Limb Skin Active Codes

| Code     | Description                             |
|----------|---|
| PL353002 | i-Limb Skin Active RH extra small Clear |
| PL353003 | i-Limb Skin Active LH extra small Clear |
| PL353000 | i-Limb Skin Active RH extra small Black |
| PL353001 | i-Limb Skin Active LH extra small Black |
| 092025   | i-Limb Skin Active RH small Clear       |
| 092026   | i-Limb Skin Active LH small Clear       |
| 092029   | i-Limb Skin Active RH small Black       |
| 092030   | i-Limb Skin Active LH small Black       |
| 092023   | i-Limb Skin Active RH medium Clear      |
| 092024   | i-Limb Skin Active LH medium Clear      |
| 092027   | i-Limb Skin Active RH medium Black      |
| 092028   | i-Limb Skin Active LH medium Black      |
| TBX50045 | i-Limb Skin Active (black or clear) x 4 |

#### i-Limb Skin Active TS Codes

| Code     | Description                                |
|----------|--|
| PL380002 | i-Limb Skin Active RH extra small Clear TS |
| PL380003 | i-Limb Skin Active LH extra small Clear TS |
| PL380000 | i-Limb Skin Active RH extra small Black TS |
| PL380001 | i-Limb Skin Active LH extra small Black TS |
| MP092025 | i-Limb Skin Active RH small Clear TS       |
| MP092026 | i-Limb Skin Active LH small Clear TS       |
| MP092029 | i-Limb Skin Active RH small Black TS       |
| MP092030 | i-Limb Skin Active LH small Black TS       |
| MP092023 | i-Limb Skin Active RH medium Clear TS      |
| MP092024 | i-Limb Skin Active LH medium Clear TS      |
| MP092027 | i-Limb Skin Active RH medium Black TS      |
| MP092028 | i-Limb Skin Active LH medium Black TS      |
| TBX50047 | i-Limb Skin Active TS (black or clear) x 4 |



## COVERINGS

### i-LIMB® SKIN CONTOUR AND TS COVERS

The i-Limb Skin Contour cover is a soft silicon glove that is anatomically shaped and is equipped with a slip coating inside for ease of donning & doffing.

The thicker tips and looser fitting on the i-Limb hand provides increased durability.

The i-Limb Skin Contour cover is available in 2 colors: clear and black.

Also available with Touch Screen (TS) option.

Note: for large i-Limb hands order medium covering.



#### i-Limb Skin Contour codes

| Code     | Description                              |
|----------|--|
| PL353004 | i-Limb Skin Contour RH extra small Clear |
| PL353005 | i-Limb Skin Contour LH extra small Clear |
| PL353014 | i-Limb Skin Contour RH extra small Black |
| PL353015 | i-Limb Skin Contour LH extra small Black |
| PL354004 | i-Limb Skin Contour RH small Clear       |
| PL354005 | i-Limb Skin Contour LH small Clear       |
| PL354014 | i-Limb Skin Contour RH small Black       |
| PL354015 | i-Limb Skin Contour LH small Black       |
| PL355004 | i-Limb Skin Contour RH medium Clear      |
| PL355005 | i-Limb Skin Contour LH medium Clear      |
| PL355014 | i-Limb Skin Contour RH medium Black      |
| PL355015 | i-Limb Skin Contour LH medium Black      |
| TBX50053 | i-Limb Skin Contour x 4                  |

#### i-Limb Skin Contour TS codes

| Code     | Description                                 |
|----------|---|
| PL380004 | i-Limb Skin Contour RH extra small Clear TS |
| PL380005 | i-Limb Skin Contour LH extra small Clear TS |
| PL380012 | i-Limb Skin Contour RH extra small Black TS |
| PL380013 | i-Limb Skin Contour LH extra small Black TS |
| PL381004 | i-Limb Skin Contour RH small Clear TS       |
| PL381005 | i-Limb Skin Contour LH small Clear TS       |
| PL381012 | i-Limb Skin Contour RH small Black TS       |
| PL381013 | i-Limb Skin Contour LH small Black TS       |
| PL382004 | i-Limb Skin Contour RH medium Clear TS      |
| PL382005 | i-Limb Skin Contour LH medium Clear TS      |
| PL382012 | i-Limb Skin Contour RH medium Black TS      |
| PL382013 | i-Limb Skin Contour LH medium Black TS      |
| TBX50054 | i-Limb Skin Contour TS x 4                  |

## COVERINGS

### i-LIMB® SKIN NATURAL COVERS

The i-Limb Skin Natural Cover offers a cosmetic cover for the i-limb hand. A color swatch is available to select the closest color match between clients natural skin color and the color of the i-Limb Skin Natural Cover. There are 18 color options for the i-Limb Skin Natural Cover.

The i-Limb Skin Natural Covers extend to just proximal to the wrist level. For coverage of the forearm section of the prosthesis, forearm sleeves are available in the corresponding colors.

Note: for large i-Limb hands order medium covering.



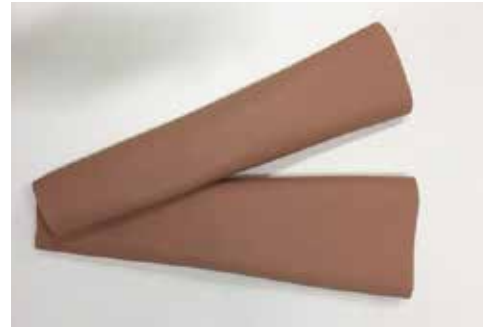
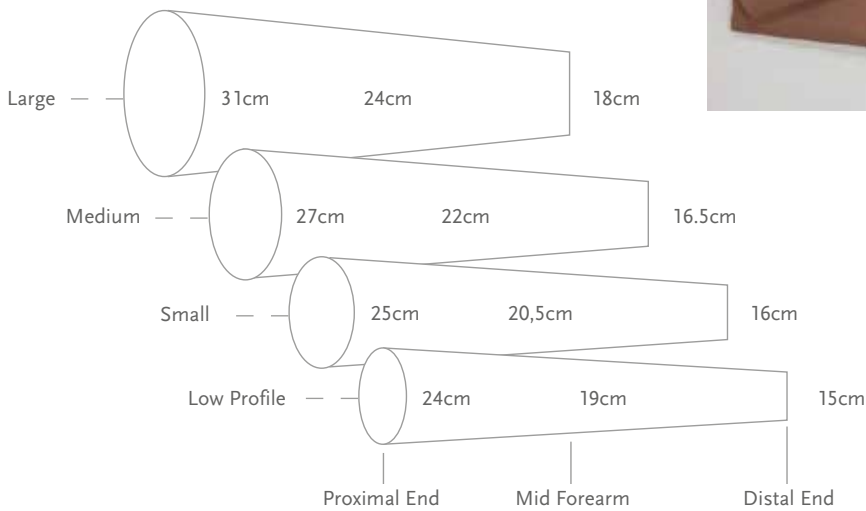
| Color | Extra small |        | Small  |        | Medium |        |
|-------|-------------|--------|--------|--------|--------|--------|
|       | LH          | RH     | LH     | RH     | LH     | RH     |
| 1     | 066582      | 066564 | 066509 | 066491 | 066473 | 066455 |
| 2     | 066583      | 066565 | 066510 | 066492 | 066474 | 066456 |
| 3     | 066584      | 066566 | 066511 | 066493 | 066475 | 066457 |
| 4     | 066585      | 066567 | 066512 | 066494 | 066476 | 066458 |
| 5     | 066586      | 066568 | 066513 | 066495 | 066477 | 066459 |
| 6     | 066587      | 066569 | 066514 | 066496 | 066478 | 066460 |
| 7     | 066588      | 066570 | 066515 | 066497 | 066479 | 066461 |
| 8     | 066589      | 066571 | 066516 | 066498 | 066480 | 066462 |
| 9     | 066590      | 066572 | 066517 | 066499 | 066481 | 066463 |
| 10    | 066591      | 066573 | 066518 | 066500 | 066482 | 066464 |
| 11    | 066592      | 066574 | 066519 | 066501 | 066483 | 066465 |
| 12    | 066593      | 066575 | 066520 | 066502 | 066484 | 066466 |
| 13    | 066594      | 066576 | 066521 | 066503 | 066485 | 066467 |
| 14    | 066595      | 066577 | 066522 | 066504 | 066486 | 066468 |
| 15    | 066596      | 066578 | 066523 | 066505 | 066487 | 066469 |
| 16    | 066597      | 066579 | 066524 | 066506 | 066488 | 066470 |
| 17    | 066598      | 066580 | 066525 | 066507 | 066489 | 066471 |
| 18    | 066599      | 066581 | 066526 | 066508 | 066490 | 066472 |

## COVERINGS

### i-LIMB® SKIN NATURAL FOREARM SLEEVES

i-Limb Skin Natural Forearm Sleeves offer a cosmetic cover for the forearm section of the prosthesis, for those individuals who wish the forearm of the prosthesis to be covered. Available in 4 circumference sizes (low profile, small, medium, large) to fit the dimensions of the forearm of the prosthesis. 18 color options are available.

Forearm sleeves are 35cm long.



| Color | Low Profile | Small  | Medium | Large  |
|-------|-------------|--------|--------|--------|
| 1     | 066629      | 066628 | 066627 | 066626 |
| 2     | 066633      | 066632 | 066631 | 066630 |
| 3     | 066637      | 066636 | 066635 | 066634 |
| 4     | 066641      | 066640 | 066639 | 066638 |
| 5     | 066645      | 066644 | 066643 | 066642 |
| 6     | 066649      | 066648 | 066647 | 066646 |
| 7     | 066653      | 066652 | 066651 | 066650 |
| 8     | 066657      | 066656 | 066655 | 066654 |
| 9     | 066661      | 066660 | 066659 | 066658 |
| 10    | 066665      | 066664 | 066663 | 066662 |
| 11    | 066669      | 066668 | 066667 | 066666 |
| 12    | 066673      | 066672 | 066671 | 066670 |
| 13    | 066677      | 066676 | 066675 | 066674 |
| 14    | 066681      | 066680 | 066679 | 066678 |
| 15    | 066685      | 066684 | 066683 | 066682 |
| 16    | 066689      | 066688 | 066687 | 066686 |
| 17    | 066693      | 066692 | 066691 | 066690 |
| 18    | 066700      | 066696 | 066695 | 066694 |

## COVERINGS

### i-LIMB® SKIN MATCH COVERS

i-Limb Skin Match is a fully customized silicone covering that closely matches the user's skin tone and features.

The i-Limb Skin Match Cover extends to just proximal to the wrist level. For coverage of the forearm section of the prosthesis, an i-Limb Skin Match Forearm Cover can also be produced closely matching the users skin tones.

| Code   | Description   |
|--------|---|
| 066006 | i-Limb Skin Match Hand Cover                                    |
| 066448 | I-Limb Skin Match Forearm Sleeve                                |
| 066449 | I-Limb Skin Match Hand Covering including Custom Forearm Sleeve |



# LIVINGSKIN™

## OVERVIEW

Hand crafted from high definition silicone and hand painted to closely match skin tone and appearance, Livingskin prostheses are designed to look very realistic. Individual details can be added to the prostheses, such as freckles and hair.

Livingskin are passive functional prostheses. As well being a highly cosmetic solution, Livingskin can be used to support functions such as pushing, pulling, stabilizing etc.



### LivingskinFingers

| Codes  | Description |
|--------|-------------|
| 066026 | 1 Finger    |
| 066029 | 2 Fingers   |
| 066039 | 3 Fingers   |
| 066040 | 4 Fingers   |
| 066134 | 5 Fingers   |
| 066135 | Finger Band |



### Livingskin Hands

| Codes  | Description  |
|--------|--------------|
| 066014 | Partial Hand |
| 066015 | Full Hand    |



### Livingskin Arms

| Codes  | Description                      |
|--------|----------------------------------|
| 066703 | Wrist Disarticulation Passive    |
| 066016 | Transradial Passive to Elbow     |
| 066017 | Transhumeral Passive to Axilla   |
| 066454 | Shoulder Disarticulation Passive |



# LIVINGSKIN™

## ACCESSORIES

| Codes    | Description                                  |
|----------|--|
| TBX50160 | SeasonGuard                                  |
| 066443   | Dermahair - Finger                           |
| 066065   | Dermahair - Hand                             |
| 066442   | Dermahair - Arm                              |
| 092039   | Extra Silicone Material - per 1 lb Tube      |
| TBX50181 | Orthotic Device (including Thumb Stabilizer) |
| TBX50135 | Pronation/Supination Wrist Component         |
| TBX50070 | Flexion/Extension Wrist Component            |
| TBX50166 | Slipcoat                                     |

## ASPIRE™ KIT\*

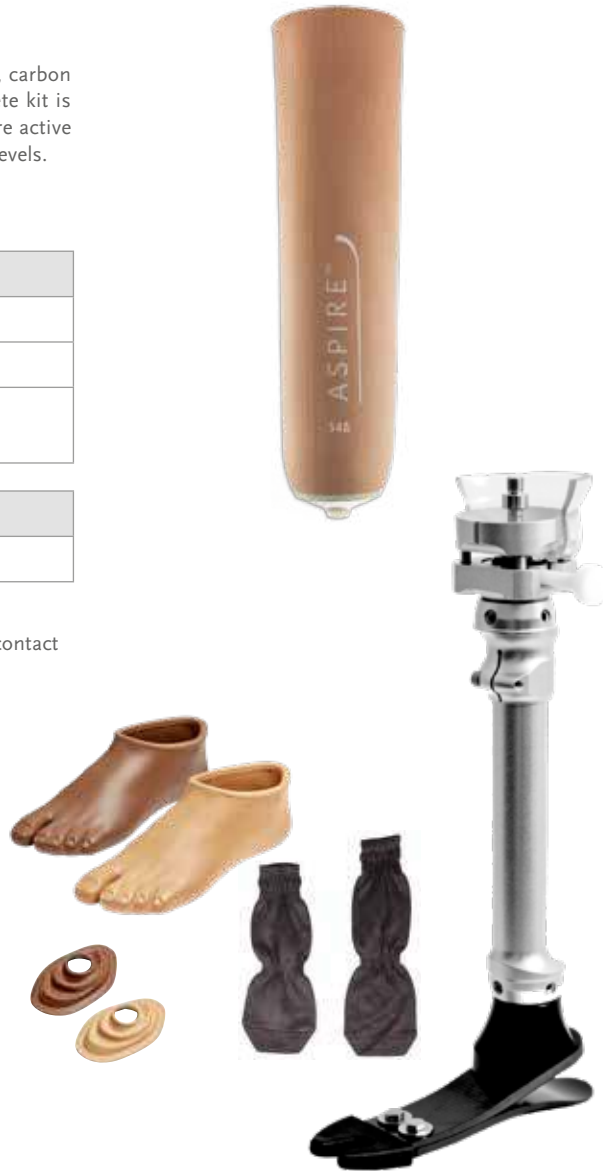


The Aspire product line consists of a silicone locking liner, carbon composite foot, and aluminum components. The complete kit is designed to be a durable solution for the younger and more active trans-tibial amputees and is suitable for low to high impact levels.

| User Information        |   |
|-------------------------|---|
| Amputation Level:       | Trans-tibial                                    |
| Impact Level:           | Low to High                                     |
| Maximum Patient Weight: | 80kg, Foot size 22-24<br>100kg, Foot size 25-28 |

| Kit Information |                            |
|-----------------|----------------------------|
| Build Height:   | 193-329mm, to end of liner |

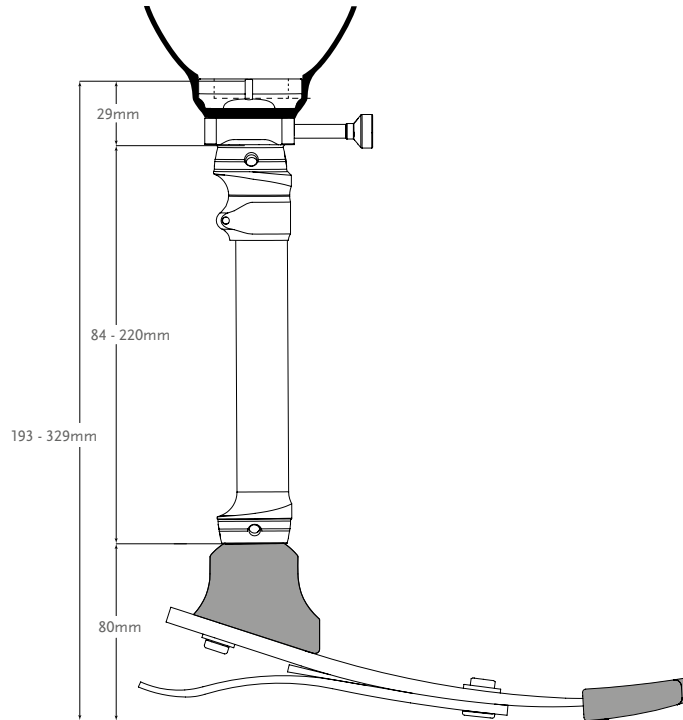
\*Aspire product line is not available in all markets, please contact your local representatives for more information.





# ASPIRE™ KIT

## CLEARANCE



### PART NUMBER INFORMATION - ASPIRE KIT

| Part#     | Description  | Includes                                       |
|-----------|--------------|--|
| ASPLxyz*  | Aspire Leg   | Aspire Component Set, Aspire Foot & Foot Cover |
| AS-BLLx** | Aspire Liner | Aspire Liner                                   |

\*x: S (soft) or F (firm)

yy: Size 22-28

z: R (right) or L (left)

Please specify when ordering brown covers, add "BR" to the end of the part number.

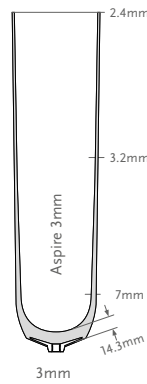
\*\* xx: Size 18-36

# ASPIRE™ LINER



The Aspire liner's firm but gentle silicone provides increased durability and better soft tissue stabilization, as well as reduces shear forces and peak pressures inside the socket. The fabric cover eases donning and doffing, while the stabilizing matrix minimizes pistoning.

The 3mm profile is well established in the industry and conforms well to many individual residual limb shapes. It is also the same profile as Össur's other 3mm locking liners.



| User Information  |                                      |
|-------------------|--------------------------------------|
| Amputation Level: | Trans-tibial                         |
| Impact Level:     | Low to High                          |
| Liner Information |                                      |
| Size Standard:    | 18,20,22,23.5,25,26.5,28,30,32,34,36 |
| Profile:          | 3mm                                  |
| Matrix:           | 10cm                                 |

## SUSPENSION METHOD



LOCKING

## FEATURES



STABILIZING MATRIX



FABRIC COVER

## PART NUMBER INFORMATION - ASPIRE LINER

| Part#    | Profile | Suspension Method | Matrix |
|----------|---------|-------------------|--------|
| AS-BLLxx | 3mm     | Locking           | 10cm   |

# ASPIRE™ FOOT



The Aspire Foot features an all-carbon blade design, with a dynamic heel and smooth roll-over character. Sandal toe, closed foot cover and low build height make it ideal for the target markets and a convenient universal fit.



ASPIRE™

| User Information        |                               |
|-------------------------|-------------------------------|
| Amputation Level:       | Transfemoral and Trans-tibial |
| Impact Level:           | Low to High                   |
| Maximum Patient Weight: | 100kg (220lbs)                |

| Foot Information          |                                  |
|---------------------------|----------------------------------|
| Stiffness:                | Soft or Firm                     |
| Sizes:                    | 22-28                            |
| Weight of Foot: (Size 27) | 0.66kg w/ Pyramid and Foot Cover |
| Build Height: (Size 27)   | 80mm w/ Pyramid and Foot Cover   |
| Heel Height:              | 10mm                             |
| Adapter Options:          | Fixed Male Pyramid               |



PROPORTIONAL RESPONSE



CARBON-X® ACTIVE HEEL



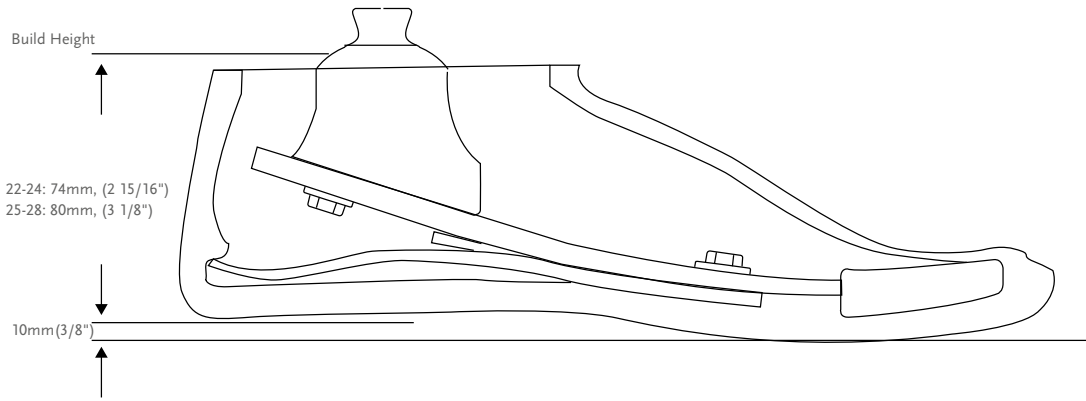
SPLIT TOE

## STIFFNESS SELECTION CHART

| Size  | 45-61kg | 62-80kg | 81-100kg |
|-------|---------|---------|----------|
| 22-24 | Soft    | Firm    | N/A      |
| 25-27 | Soft    | Soft    | Firm     |
| 28    | Firm    | Firm    | Firm     |

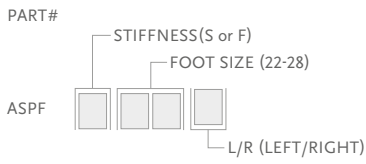
# ASPIRE™ FOOT

## CLEARANCE

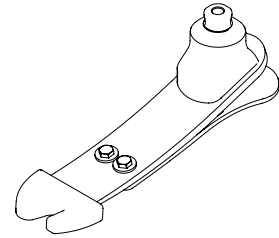


## KITS

### ASPIRE™ FOOT



\*Please specify when ordering brown covers, add "BR" to the end of the part number.



#### Includes:

- Foot Module
- Foot Cover
- Flex Foot Sock
- Heel Wedge
- Dust Shield

# ASPIRE™ FOOT

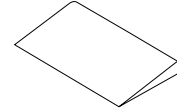
## COMPONENTS

### HEEL WEDGE

For adjustment of heel stiffness and roll-over characteristics.

| Part#    | Description |
|----------|-------------|
| ASP40001 | Heel Wedge  |

- Includes:
- 1 Wedge
  - Adhesive



### DUST SHIELD

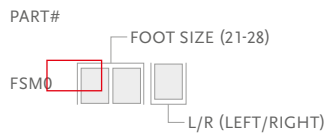
| Part#     | Size  |
|-----------|-------|
| FSD124XY* | 22-24 |
| FSD127XY* | 25-27 |
| FSD130XY* | 28-30 |

\*X=L/R(Left/Right),Y=1(Beige) or 2(Brown)



## COSMETIC FINISHING

### FOOT COVER KIT, BEIGE AND BROWN\*



\*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

- Includes:
- Foot Cover
  - Spectra Sock
  - Foot Cover Attachment

### SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

| Part#       | Description          | Size  | Color |
|-------------|----------------------|-------|-------|
| FCX63022    | FF Sock Small 1 pc   | 22-25 | Black |
| FCX63025    | FF Sock Large 1 pc   | 26-30 | Black |
| FCX63022-15 | FF Sock Small 15 pcs | 22-25 | Black |
| FCX63026-15 | FF Sock Large 15 pcs | 26-30 | Black |



# ASPIRE™ COMPONENT SET

## SPARE PARTS

| Picture | Part#    | Description                     |
|---------|----------|---------------------------------|
| 1       | L-676000 | Aspire Socket Adapter Set       |
| 2       | L-662000 | 4H Male Spacer Plate with Bolts |
| 3       | L-621200 | Aspire Lock Set                 |
| 4       | A-961944 | Spacer Plate Screws M6x30mm     |
| 5       | L-192007 | Aspire ratchet locking pin      |
| 6       | L-692027 | Lock release arm                |



# ASPIRE™ COMPONENT SET

## ADAPTERS

### FEMALE PYRAMID TUBE CLAMP WITH 5MM OFFSET

| Part#    | Material | Height | Build Height | Weight |
|----------|----------|--------|--------------|--------|
| A-342410 | Aluminum | 54mm   | 20mm         | 92g    |



### FEMALE PYRAMID TUBE CLAMP

| Part#    | Material | Height | Build Height | Weight |
|----------|----------|--------|--------------|--------|
| A-342100 | Aluminum | 50mm   | 16mm         | 64g    |



### FEMALE SINGLE ADAPTER WITH 5MM OFFSET

| Part#    | Material | Height | Build Height | Weight |
|----------|----------|--------|--------------|--------|
| A-442420 | Aluminum | 200mm  | 200mm        | 171g   |



### FEMALE SINGLE ADAPTER - LONG

| Part#     | Material | Height | Build Height | Weight |
|-----------|----------|--------|--------------|--------|
| A-442110* | Aluminum | 200mm  | 200mm        | 153g   |

\*200mm (7 7/8") overall, can be cut to length 60mm (2 3/4")



## PYLONS AND TUBES

| Part#    | Material              | Length |
|----------|-----------------------|--------|
| A-712010 | Tube - Short Aluminum | 250mm  |
| A-712020 | Tube - Long Aluminum  | 400mm  |



# TORQUE VALUES FOR ASPIRE™ PRODUCTS

SPANNER    HEX

| Liner                                    | Torque | Loctite     | Tool Required |  |
|--|--------|-------------|---------------|--|
| Ratchet Pin                              | 4Nm    | 410/411     | 7mm           |  |
| M10 Adapter for use with Standard Liners | 6Nm    | 425/412/425 | 10mm          |  |

| Adapters                          | Torque   | Loctite | Tool Required |  |
|-----------------------------------|----------|---------|---------------|--|
| Angular Set Screws (pyramids, al) | 15Nm     | 242     | 4mm           |  |
| Mount Screws (4-hole, al )        | 10Nm     | 242     | 4mm           |  |
| Pinch Bolts (tube clamps, al )    | 10Nm x 2 | 242     | 4mm           |  |

ASPIRE™



## INVENTORS

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### ICEROSS® LINERS

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Iceross stands for Icelandic Roll-On Silicone Socket. It was developed by Össur Kristinsson, a prosthetist and prosthetic user, as an alternative suspension system to more conventional methods. It functions to protect the skin, enhance comfort by reducing pressure peaks within the socket, and to eliminate motion between the socket and residual limb. Iceross is available in a range of suspension designs to suit different residual limbs and lifestyles.



Össur Kristinsson

#### WHY ICEROSS?

**COMFORT** - All Iceross interface systems are made exclusively from a variety of densities of silicone. Silicone has a proven history of use in the medical field because of its material properties. The properties provide benefits such as cushioning for bony and sensitive areas, high elasticity to enable ease of conformity to residual limb shapes, and high tear strength for increased durability.

**PROTECTION** - Iceross has been designed to function in a way similar to a compression stocking, i.e. by improving blood circulation while controlling swelling. It also protects skin and newly formed or sensitive scar tissue by reducing potentially damaging shear forces.

**SUSPENSION** - Iceross liners offer 3 different suspension methods; the Iceross Seal-In, Locking and Cushion liners so it is easy to find something that will suite your patient needs.

### TOTAL KNEE®

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Total Knee was the brain-child of Swedish inventor Finn Gramnas. Unhappy with the heavy and unwieldy prosthesis his six-year-old daughter was being offered in 1986, he retired to his garage and began inventing something far superior. Perhaps the world's youngest R&D specialist, Lisa Gramnas helped her father fine-tune dozens of prototypes for the Total Knee.



Finn & Lisa Gramnas

#### WHY THE TOTAL KNEE?

Total Knee offers shock absorption, comfort and a natural gait. Toe clearance is provided through mid-swing shortening, preventing hip hiking. The 3-phase hydraulic swing control accommodates changes in walking speed. Its polycentric design imitates natural knee motion, while the adjustable "stance-flex bumper" acts as a shock absorber, simulating the flexing action that occurs in the normal knee while walking or running.

### MAUCH KNEE®

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A German scientist and engineer, Hans Mauch was fascinated by the field of rehabilitative medicine. From the late 1950s he devoted his energies to prosthetic development. Building on studies sponsored by America's Veterans Administration, he collaborated with fellow scientist Ulrich Henschke to design the Mauch hydraulic knee system.



Hans Mauch

#### WHY THE MAUCH KNEE?

Mauch's progressively designed hydraulic systems provide amputees with a less strenuous and more controlled means of ambulation on varied terrains and in sports activities. From running, to walking step over step down stairs, Mauch offers a smooth natural gait and a high level of flexibility for more active lifestyles.

## INVENTORS

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### FLEX-FOOT®

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Flex-Foot was first introduced in 1984 by prosthetic user, research prosthetist, and inventor Van Phillips. Two critical breakthroughs made these products different and revolutionized the everyday aspirations of amputees. The first, energy storage and release, is a function inherent in the patented carbon fiber design of Flex-Foot. The second, vertical shock absorption, enables a more natural gait and protects the sound limb and remaining joints of the amputated limb from excessive shock.



Van Phillips

### WHY FLEX-FOOT?

Different functions are available within the Flex-Foot range to suit individual needs. All models offer significant advantages over conventional prosthetic feet. Twenty years of scientific material research lead to this unparalleled design, making Flex-Foot the choice for durability, comfort and performance.

## GENERAL INFORMATION

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### WE ARE HERE TO HELP

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If you need advice on Össur product selection, there are a number of ways in which we can help:

#### SELECTION CHARTS

These are available online at [www.ossur.com](http://www.ossur.com) and in wall chart format. Contact your Össur customer service representative for wall charts.

#### SALES MANAGERS, CUSTOMER SERVICE AND TECHNICAL SERVICE

Our sales managers, customer service and technical service teams are always happy to advise and assist. For contact details visit [www.ossur.com](http://www.ossur.com) and check the customer service pages for your location. Technical experts are also available online.

We hope the clear layout of our catalog will easily guide you through this comprehensive range of products. Should you need any assistance, feel free to contact our customer service teams or visit our website, [www.ossur.com](http://www.ossur.com).

# TERMS OF SALE AND POLICIES

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## HOW TO ORDER

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Össur part numbers and item descriptions must be included on all orders.

### PRICES AND PAYMENT TERMS

For price and payment terms please refer to our current Price List.

### RETURNS, ADJUSTMENTS AND CREDITS

Please inspect all orders immediately upon receipt. In the event of items being ordered or shipped in error, please notify the Customer Service Department for a Return Authorization number (RA#). Össur must be contacted within five (5) business days of the receipt of goods. Prior approval and an RA# must be obtained for credit. The RA# must be printed on the outside of the package and a copy of the original invoice or packing slip must be included. All returns are subject to inspection.

### SINGLE PATIENT USE

Össur products and components are designed and tested to ISO 10328. Compatibility and compliance with this standard is achieved only when Össur products and components are used with other recommended Össur or authorized components. If unusual movement or product wear is detected in a structural part of a prosthesis at any time, the patient should be instructed to immediately discontinue use of the device and consult his/her clinical specialist. This product has been designed and tested based on single patient usage. It is a single-use device and should never be used by multiple patients. If any problems occur with the use of this product, immediately contact your Össur representative.

### TRIAL PERIOD

Össur provides a trial period with certain products. If the amputee is dissatisfied with any such Össur product for any reason, the prosthetist can return the product to Össur for a full refund. If a product needs to be returned within the Trial Period, the following must occur:

Prior approval and a Return Authorization number (RA#/RS#) must be obtained from the Össur Customer Service Department for goods to be returned for credit. No items will be accepted for credit after the Trial Period has ended (trial Period begins the date the order is invoiced).

- Any items that are received by Össur after the Trial Period has ended will be sent back to the customer at their cost and no credit will be issued.
- RA#s are valid for thirty (30) days, starting the day the request was made. After thirty (30) days, the RA#/RS# is invalid.
- Any items that are returned in addition to those listed and/or any items that are returned which differ from those listed on the RA#/RS# will be treated as an unauthorized return.
- The customer is responsible for the returned package prior to receipt at Össur.
- Returns must be accompanied by a copy of the original invoice or packing slip.
- For Trial Periods, please refer to Warranty Procedure section.
- Össur Knees do not have a trial period. Once the packaging has been opened, the product can not be returned. To trial a mechanical knee, please contact Customer Service. To trial a RHEO KNEE, please contact your local Area Sales Manager.

## WARRANTY PROCEDURE

All Össur products are guaranteed to be free of defects in materials and workmanship upon purchase. Any product found to be defective under normal and correct use will be replaced at no charge with the same item. If an item needs to be replaced under warranty, the replacement item will ship as soon as possible and the full retail cost will be invoiced. Upon receipt of the warranty item, a credit will be given under the terms that apply.

|                                   |                         |
|-----------------------------------|-------------------------|
| <b>BIONIC TECHNOLOGY BY ÖSSUR</b> | <b>LIMITED WARRANTY</b> |
| PROPRIO FOOT                      | 24 Months*              |
| RHEO KNEE                         | 24 Months*              |
| RHEO KNEE XC                      | 24 Months*              |
| POWER KNEE EMEA                   | 24 Months*              |
| POWER KNEE Americas               | 36 Months*              |
| POWER KNEE EUP                    | 36 Months               |
| POWER KNEE Batteries              | 12 Months               |

**LINERS AND SLEEVES** **LIMITED WARRANTY**  
 Össur liners and sleeves can be returned for full credit within 30 days as long as the “sealed” bag has not been opened or when applicable, hygienic seal has not been broken. Any components that have been removed from this bag will not be accepted for credit and will be returned to the customer at the customer’s expense.

|  |           |
|--|-----------|
| Iceross Seal-In X-Classic                | 6 Months  |
| Iceross Seal-In X-Grip                   | 6 Months  |
| Iceross Seal-In X-Volume                 | 6 Months  |
| Iceross Transfemoral Seal-In             | 6 Months  |
| Iceross Transfemoral Locking             | 6 Months  |
| Iceross Upper-X Locking                  | 6 Months  |
| Iceross Seal-In X (TT)                   | 6 Months  |
| Iceross Seal-In X (TT) Seals             | 6 Months  |
| Iceross Seal-In X5 (TT)                  | 6 Months  |
| Iceross Seal-In V                        | 6 Months  |
| Iceross Dermo Locking/Cushion/Seal-In    | 6 Months  |
| Iceross Synergy Locking/Cushion          | 9 Months  |
| Iceross Comfort Locking/Cushion          | 6 Months  |
| Iceross Original Locking (with cover)    | 6 Months  |
| Iceross Original Locking (without cover) | 6 Months  |
| Iceross Sport Locking                    | 9 Months  |
| Iceross Activa with Tibiaguard           | 9 Months  |
| Iceross Post-Op                          | 6 Months  |
| Iceross Curvemaster                      | 12 Months |
| Össur Rigid Dressing (ORD)               | 2 Months  |
| Iceross Junior Locking                   | 6 Months  |
| Distal Cup                               | 12 Months |
| Iceross Sleeve                           | 3 Months  |
| Iceflex Balance                          | 1 Month   |
| TTm pop                                  | 6 Months  |
| TFm pop                                  | 6 Months  |
| First Liner                              | 6 Months  |
| SoftC Locking                            | 6 Months  |
| Sensitive Locking                        | 6 Months  |
| Protect Locking/Cushion                  | 6 Months  |
| Relax Locking/Cushion                    | 6 Months  |
| AKOS                                     | 6 Months  |
| Relax TF                                 | 6 Months  |
| 4Seal Classic                            | 6 Months  |
| Genu Sleeve                              |           |
| Comfort SCS                              | 3 Months  |
| Night Care Socks                         | 3 Months  |
| Volume Compensation Socks                | 3 Months  |

|                                       |                         |
|---------------------------------------|-------------------------|
| <b>UNITY VACUUM SUSPENSION SYSTEM</b> | <b>LIMITED WARRANTY</b> |
| Unity Pump Kit                        | 24 Months               |
|                                       | <b>WARRANTY</b>         |
| Membrane                              | 12 Months               |

**FEET** **LIMITED WARRANTY**  
 Össur provides each prosthetic foot with a 30-Day Trial Period. If the amputee is dissatisfied with the prosthetic foot for any reason, the prosthetist can return it to Össur for a full refund within 30 days from the invoice date. For a detailed description of how to return products see Terms of Sale and Policies.

|                                   |           |
|-----------------------------------|-----------|
| Re-Flex Shock                     | 36 Months |
| Re-Flex Rotate                    | 36 Months |
| Vari-Flex Modular                 | 36 Months |
| Vari-Flex                         | 36 Months |
| Pro-Flex                          | 36 Months |
| Pro-Flex XC                       | 36 Months |
| Pro-Flex LP                       | 36 Months |
| Pro-Flex XC Torsion               | 36 Months |
| Pro-Flex LP Torsion               | 36 Months |
| Pro-Flex LP Align                 | 24 Months |
| Talux                             | 36 Months |
| LP Vari-Flex                      | 36 Months |
| Flex-Foot Assure                  | 36 Months |
| Flex-Foot Assure                  | 36 Months |
| Balance Foot S                    | 36 Months |
| Balance Foot S Torsion            | 36 Months |
| Balance Foot J                    | 24 Months |
| Flex-Foot Balance                 | 12 Months |
| Flex-Foot Balance with DP-Flexion | 12 Months |
| K2 Sensation                      | 12 Months |
| K2 Sensation with DP-Flexion      | 12 Months |
| Flex-Symes                        | 36 Months |
| Chopart                           | 24 Months |
| Flex-Run With Nike Sole           | 12 Months |
| Cheetah Xplore                    | 36 Months |
| Flex-Foot Cheetah Xtreme          | 12 Months |
| Flex-Foot Cheetah Xtend           | 12 Months |
| Flex-Foot Cheetah                 | 12 Months |
| Vari-Flex Junior                  | 18 Months |
| Flex-Foot Junior                  | 18 Months |
| Cheetah Junior                    | 18 Months |
| Cheetah Xplore Junior             | 18 Months |
| Flex Run Junior                   | 18 Months |
| Foot Cover                        | 2 Months  |
| Pro-Flex Foot Cover               | 6 Months  |
| FSE and FSL Foot Covers           | 6 Months  |
| Nike Sole                         | 2 Months  |
| Nike Spike Pad                    | 2 Months  |
| Foam Heel Counter and Sole        | 6 Months  |

\* 1, 2 or 3 year extended warranties on Bionic devices (POWER KNEE batteries excluded) are available for purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years, must be purchased within one year of original purchase date.

## WARRANTY PROCEDURE

|                          |                         |                                       |                         |
|--------------------------|-------------------------|---------------------------------------|-------------------------|
| <b>MAUCH KNEE</b>        | <b>LIMITED WARRANTY</b> | <b>UPPER LIMB</b>                     | <b>LIMITED WARRANTY</b> |
| Mauch Knee EMEA          | 24 Months               | i-Limb Access                         | 24 Months*              |
| Mauch Knee Americas      | 36 Months               | i-Limb Ultra                          | 24 Months*              |
| Mauch Knee Plus EMEA     | 24 Months               | i-Limb Quantum                        | 24 Months*              |
| Mauch Knee Plus Americas | 36 Months               | i-Limb Wrist                          | 24 Months*              |
| <b>CHEETAH KNEE</b>      | <b>LIMITED WARRANTY</b> | i-Digits Access                       | 24 Months*              |
| Cheetah Knee             | 18 Months               | i-Digits Quantum                      | 24 Months*              |
| <b>TOTAL KNEE</b>        | <b>LIMITED WARRANTY</b> | <b>UPPER LIMB ACCESSORIES</b>         | <b>LIMITED WARRANTY</b> |
| Total Knee 1900          | 24 Months               | i-Limb Skin Coverings                 | 3 months                |
| Total Knee 2000          | 24 Months               | Hand Accessories                      | 12 Months**             |
| Total Knee 2100          | 24 Months               | Demo-Limb                             | 12 Months               |
| Total Knee Junior        | 24 Months               | Virtu-Limb                            | 12 Months               |
| OP2 Knee                 | 24 Months               | <b>PASSIVE UPPER LIMB PROSTHETICS</b> | <b>LIMITED WARRANTY</b> |
| OP4 Knee                 | 24 Months               | LivingSkin Passive Device             | 12 Months               |
| OP5 Knee                 | 24 Months               |                                       |                         |
| OHP3 Knee                | 24 Months               |                                       |                         |
| OH5 Knee                 | 24 Months               |                                       |                         |
| OH7 Knee                 | 24 Months               |                                       |                         |
| Paso Knee                | 24 Months               |                                       |                         |
| <b>BALANCE KNEE</b>      | <b>LIMITED WARRANTY</b> |                                       |                         |
| Balance Knee             | 24 Months               |                                       |                         |
| Balance Knee Control     | 24 Months               |                                       |                         |
| Balance Knee OFM2        | 24 Months               |                                       |                         |
| <b>LOCKING KNEE</b>      | <b>LIMITED WARRANTY</b> |                                       |                         |
| Locking Knee             | 12 Months               |                                       |                         |
| <b>ICELOCK</b>           | <b>LIMITED WARRANTY</b> |                                       |                         |
| Icelock 100 Series       | 12 Months               |                                       |                         |
| Icelock 200 Series       | 12 Months               |                                       |                         |
| Icelock 300 Series       | 12 Months               |                                       |                         |
| Icelock 400 Series       | 12 Months               |                                       |                         |
| Icelock 500 Series       | 6 Months                |                                       |                         |
| Icelock 544 Series       | 6 Months                |                                       |                         |
| Icelock 600 Series       | 12 Months               |                                       |                         |
| Icelock 700 Series       | 12 Months               |                                       |                         |
| <b>STANDARD ADAPTERS</b> | <b>LIMITED WARRANTY</b> |                                       |                         |
| Össur Standard Adapters  | 24 Months               |                                       |                         |
| Össur Junior Adapters    | 24 Months               |                                       |                         |
| Fixed Offset Adapters    | 12 Months               |                                       |                         |
| Skinergy                 | 3 Months                |                                       |                         |
| Genu Sleeve              | 3 Months                |                                       |                         |
| mpro adapter             | 24 Months               |                                       |                         |
| <b>SOCKET SYSTEMS</b>    | <b>LIMITED WARRANTY</b> |                                       |                         |
| Icecast Anatomy          | 12 Months               |                                       |                         |

\*Extended warranty is available to purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years. Extended warranty must be purchased while device is still within warranty.

\*\*If purchased within an i-Limb or i-digit kit, the warranty period for the kit will apply to the accessory.

# RETURNS / COMPLAINTS FORM

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To register a return or a complaint please complete this form in full and fax it to Customer Service.

Please Note: The customer ref. number is the code on our documents to you which begins UK or IE. This code must be quoted for all returns.

## SECTION 1

Shipment number: SS \_\_\_\_\_ Invoice number: SI \_\_\_\_\_

Customer: \_\_\_\_\_ Customer ref. number: \_\_\_\_\_

Prosthetist: \_\_\_\_\_ Date: \_\_\_\_\_

User: \_\_\_\_\_ Age: \_\_\_\_\_ Weight (kg): \_\_\_\_\_ Weight gain: Yes / No \_\_\_\_\_

Impact level: Extreme / High / Medium / Low      Period the product has been in use: \_\_\_\_\_

Do you require a formal written response to the return/complaint: Yes / No \_\_\_\_\_

Was the user injured: Yes / No \_\_\_\_\_      Nature of injury: \_\_\_\_\_

Product categories:      Interface Systems      Feet & Shocks      Knees      Icelock & Components

Product description:      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_

Part number:      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_

## SECTION 2A, FOR PRODUCT RETURNS:

Description of problem: \_\_\_\_\_

Warranty claim: Yes / No \_\_\_\_\_

## SECTION 2B, FOR COMPLAINTS:

Nature of complaint: Product related / Service related \_\_\_\_\_

Description of problem: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## NOTES

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