


ottobock.

**Prosthetics.**  
Lower limb.





# **Prosthetics.** Lower limb.

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Please visit [www.ottobock.com](http://www.ottobock.com) to obtain up-to-date product information at any time.





# Table of contents.

<b>1   Leg prostheses for children</b>		<b>7   Knee joints</b>	
· Prosthetic feet .....	22	· Genium X4 .....	266
· Adapters .....	28	· Genium X3 .....	270
· Knee joints .....	35	· Genium .....	274
· Hip joint .....	40	· C-Leg .....	280
· Prosthesis covers .....	41	· Kenevo .....	287
· Cosmetic stockings .....	42	· Mobility grade 1 .....	292
<b>2   Initial and interim prostheses</b>		· Mobility grade 1-2 .....	299
<b>3   Waterproof walking aids</b>		· Mobility grade 2-3 .....	309
· Prosthetic feet .....	56	· Mobility grade 3-4 .....	317
· Adapters .....	58	<b>8   Hip joints</b>	
· Socket technologies .....	64	<b>9   Socket technologies</b>	
· Knee joints .....	72	· TT liners .....	334
<b>4   Sports prostheses</b>		· TF liners .....	351
· Prosthetic feet, adapters and knee joints .....	78	· Accessories/spare parts for liners .....	356
<b>5   Prosthetic feet</b>		· Custom Liner .....	359
· Mobility grade 1 .....	99	· Vacuum socket systems .....	365
· Mobility grade 1-2 .....	104	· Valves .....	365
· Mobility grade 2-3 .....	124	· Pumps .....	370
· Mobility grade 3-4 .....	137	· Socket sealing and harnesses .....	380
· Mechatronic prosthetic feet .....	175	· Shuttle lock systems and lanyard systems .....	384
· Pylon feet .....	183	· Shuttle locks .....	384
· Feet for a limited build height .....	186	· Lanyard systems .....	390
· General accessories .....	191	· Residual limb socks for volume management .....	392
· Exoskeletal design .....	192	· Volume management spots .....	396
· Silicone prostheses .....	194	· Derma Seal .....	397
<b>6   Adapters</b>		· Compression therapy .....	399
· Tube adapters and tube clamp adapters 30 mm .....	204	· Accessories/spare parts for socket technology in general .....	402
· Tube adapters and tube clamp adapters 34 mm .....	211	· Sockets .....	403
· Double and sliding adapters .....	216	<b>10   Prosthesis covers</b>	
· Lamination anchor .....	226	· Functional cosmesis .....	411
· Socket adapter .....	235	· Foam covers .....	416
· Socket attachment blocks .....	241	· Custom silicone covers .....	421
· Modular adapter sets .....	244	· Aesthetic finishing .....	430
· Functional adapters .....	249	· Cosmetic stockings .....	431
		· Protective covers .....	435
		· Accessories for modular leg prostheses .....	444





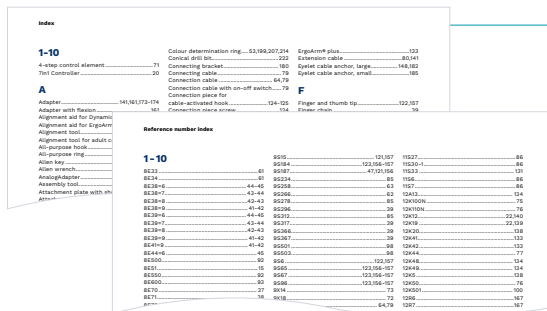
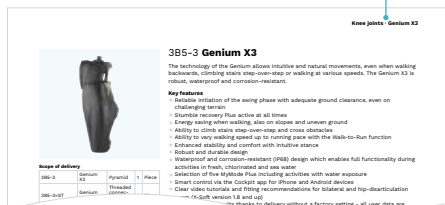
# **About this catalog.**

# Searching, finding and ordering.



This catalogue is organised into sections.

Tabs on the right-hand page margins as well as the subtitles at the top of every page also serve as quick and easy reference guides.



The list of keywords lists all products in alphabetical order. Alternatively, the index lets you find the page numbers for products by reference number.



## Customised products from Ottobock iFab

The welfare of your patients is the focus of your work. However, you don't always have the resources to fulfil every wish efficiently. This is where Ottobock iFab comes in – we're your expert service provider.

Our team of specialists provides you with straightforward, rapid support so you can focus on the essentials: fitting your patients on site.

Learn more about our products and ordering processes in our 646K71 iFab catalogue or contact us by e-mail at [iFab@ottobock.de](mailto:iFab@ottobock.de) for advice.

## Additional catalogue



## 646K1 Materials

For more information or to place orders for products in the materials and tools category, please use the 646K1 Ottobock materials catalogue.



Name of product

**1C68 Triton side flex**

The 1C68 Triton side flex was designed for highly active individuals who navigate varied indoor and outdoor environments and place a high value on uncompromised response. It is the first prosthetic foot to provide such extraordinary lateral adaptability and adjusts to the current situation immediately.

Brief product description

Illustration of product



**Key features**

- Unique lateral adaptability of +/- 10° for immediate and full-surface ground contact while walking and standing, also on uneven surfaces and slopes
- Enhanced feeling of safety and improved socket comfort
- The linear spring design provides the level of support in the stance phase that is needed for activities where rapid responses are essential
- Customisable shock absorption with two different heel wedge options
- Robust, maintenance-free technology
- Low build height
- Waterproof and corrosion-resistant
- Slim footshell option

Scope of delivery

Scope of delivery			
1C68	Triton side flex		1 Piece
2C6	Footshell		1 Piece
2C19	Connection cover with normal footshell		1 Piece
2C20	Connection cover with slim footshell		1 Piece
2F60	Heel wedges for Triton		1 Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1 Piece

Available information material

Information material	
647G1288=ALL_INT	Instructions for use   1C68 Triton side flex



Icons and symbols as orientation aids

Technical data	
Mobility grade	3, 4
Max. body weight	125 kg
Side	left (L), right (R)
Size	22-30 cm
Weight (without footshell)	585 g*
Footshell shape	Slim shape (S) for a heel height of 15 +/- 5 mm (22-27 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
Footshell colour	beige 4, light brown 15
Weight with footshell	805 g*
System height with normal footshell	68 mm*
Built height with normal footshell	68 mm*

Technical data for the product

Foot size	Foot size									
	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm	31 cm
Body weight										
up to 50 kg	1	1	1	1	1	1	1	1	1	1
50 - 75 kg	2	2	2	2	2	2	2	2	2	2
75 - 100 kg	3	3	3	3	3	3	3	3	3	3
100 - 125 kg	4	4	4	4	4	4	4	4	4	4

Selection and stiffness tables

**Order example**

Reference number	Side	Size	Stiffness	P /	Colour	Shape
1C68	= L	= 26	= 3	= P /	= 4	= N

Order example

**Order code**

Select the desired product and determine the article number if applicable. It consists of the reference number plus additional parameters such as the side of the body, size, colour or shape. In addition, the order samples on the respective catalogue pages show how the article number can be determined quickly and easily.

**Example:**

**Order example**

Reference number	=	Side		Size	/	Colour		Shape
2C6	=	L		26	/	4		N

**Technical data**

Reference number	2C15=*N	2C15=*S
Side	left (L), right (R)	left (L), right (R)
Shape	normal shape (N)	slim shape (S)
Size	22-30 cm	22-25 cm
Weight	229 g*	184 g**
Heel height	10 +/- 5 mm	15 +/- 5 mm
Colour	beige (4), light brown (15)	beige (4), light brown (15)
	* Technical data refer to the size of 26 cm	** Technical data refer to the size of 25 cm

## System height – the Ottobock measurement.

Ottobock has defined an auxiliary measurement that helps you fill the available space between the end of the socket and floor with appropriate prosthetic components – the system height. Every prosthetic component has a system height.

Adding the individual values quickly and easily gives you the build height of the components you have chosen.

The values determined by Ottobock take into account the fact that the pyramid and pyramid receiver interlock in modular prosthesis construction. You will find the values in table form in the catalogue below the respective product.

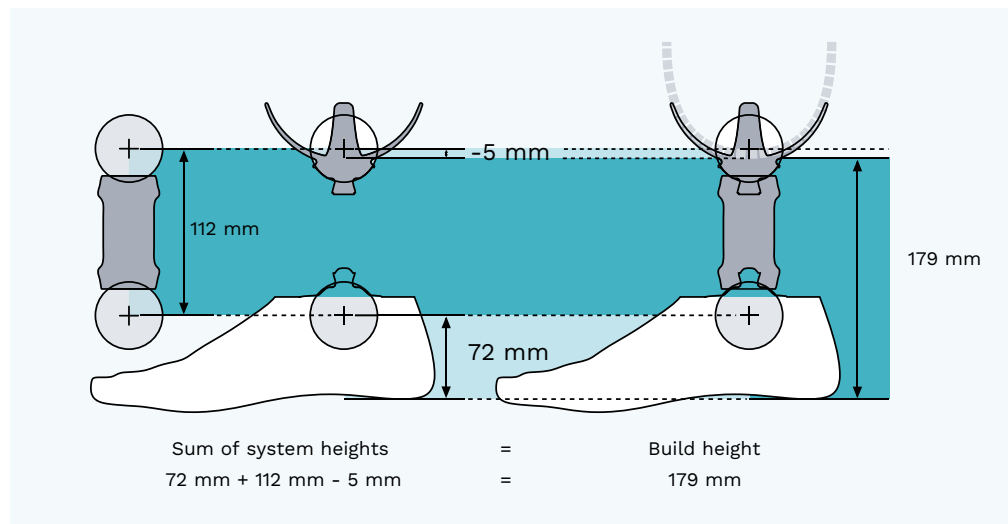
The principle is explained to you below with illustrative examples.

### Technical principle

In the modular prosthesis solution, the pyramid and pyramid receiver interlock.

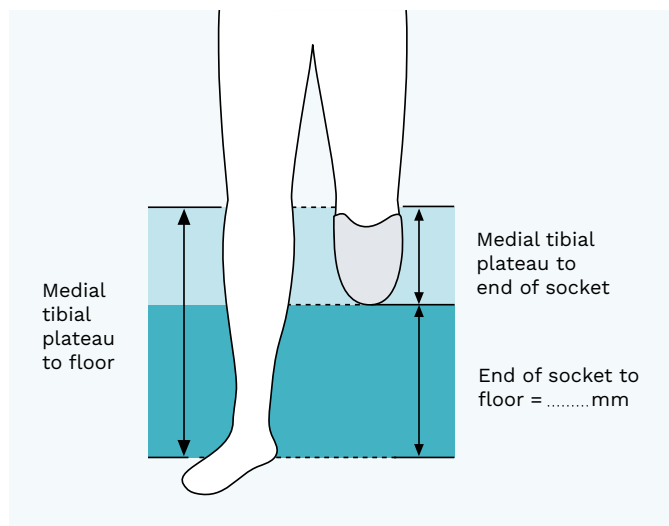
The graphic that follows illustrates four essential aspects:

- Every Ottobock prosthetic component has a system height.
- The system height deviates from the actual height of the prosthetic component and therefore cannot be measured by the O&P professional.
- Adding the system heights results in the build height for the combined components.
- There are negative system heights as well. These result from the measurement method. Examining the socket adapter reveals that the measuring point (centre of the circle) lies within the prosthetic socket. This distance from the measuring point to the outer edge of the socket has to be subtracted. Consequently, the socket adapter has a negative system height.



# 4 steps to check the chosen component combination for accuracy of fit in transtibial prostheses.

## 1. Determine patient measurements



## 2. Select components

	Reference number	1D35									
	Modality grade	m5.3 + m5.3									
	Med height	55 x3 - 5 mm									
	Size	links (L3, m5/56 (R))									
	System height	57 mm	60 mm	63 mm	66 mm	68 mm	71 mm	74 mm	75 mm	77 mm	
	Weight	-345g	-435g	-50g	-54g	-635g	-545g	-670g	-730g	-755g	
Max. body weight	75 kg										
Colour	beige (4, light brown (R))										

## 3. Add system heights

Components that can be shortened have a minimum and maximum system height. The maximum system height specifies the value before shortening, the minimum specifies the value after maximum possible shortening.

Components	System height	
	min.	max.
4R116	2 mm	
4R52	33 mm	
4R121=30	177 mm	553 mm
1D35, Size 27	72 mm	
<b>Build height =</b>	<b>280 mm</b>	<b>656 mm</b>

## 4. Compare available clearance and structural height of the component combination

The value of the socket end to floor measurement has to be between the minimum and maximum structural height for the component combination.

# Application of the system heights for the knee joint.

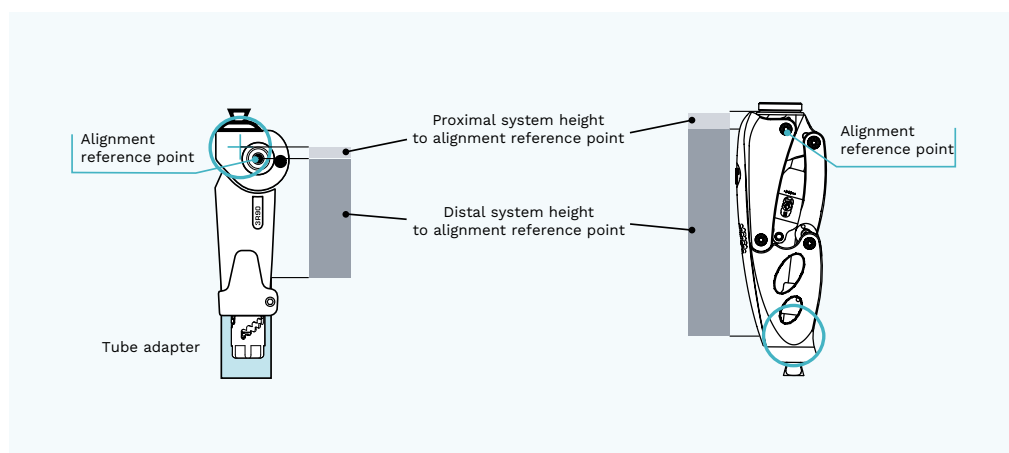
For the fabrication of a transfemoral prosthesis, all system heights of the individual components are also added to determine the structural height. However, the positioning of the knee joint has to be taken into account here.

Each modular knee joint has an alignment reference point. In monocentric joints this is the rotation axis, in polycentric knee joints it is the anterior, upper axis (see graphic below). We recommend positioning the alignment reference point 20 mm above the medial tibial plateau, illustrated schematically in the following graphic.

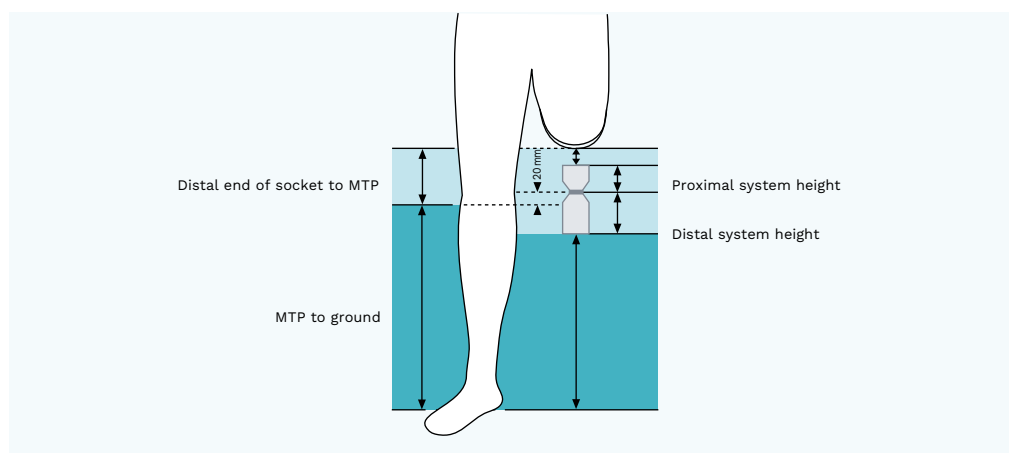
The system height of the knee joint alone however does not allow you to draw conclusions about the location of its alignment reference point.

That is why we specify the proximal and distal system height up to the alignment reference point for every modular knee joint. Now you are able to check whether the available distal and proximal space is sufficient to integrate the desired component.

Prostheses for long residual limbs and knee disarticulation often demand a compromise between shifting the knee component distally relative to the recommended position and, where applicable, selecting alternative components with a lower system height.

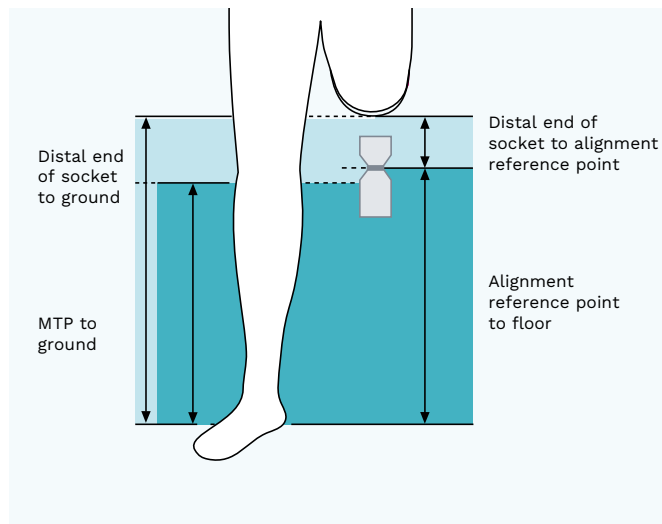


## Positioning of the knee joint by means of the alignment reference point



# 4 steps to check the chosen component combination for accuracy of fit in transfemoral prostheses.

## 1. Determine patient measurements



## 2. Select components



## 3. Add system heights

Components	System height		
	min.	max.	
4R116	-2 mm		Distal end of socket to alignment reference point = 87 mm
4R72=32	69 mm		
4R57	22 mm		
3R60	proximal -2 mm		Alignment reference point to ground min. = 455 mm, max = 831 mm
	distal 173 mm		
4R52	33 mm		
4R121=30	177 mm	553 mm	
1D35, Gr. 27	72 mm		
<b>Build height =</b>	<b>542 mm</b>	<b>918 mm</b>	

## 4. Compare available clearance and structural height of the component combination

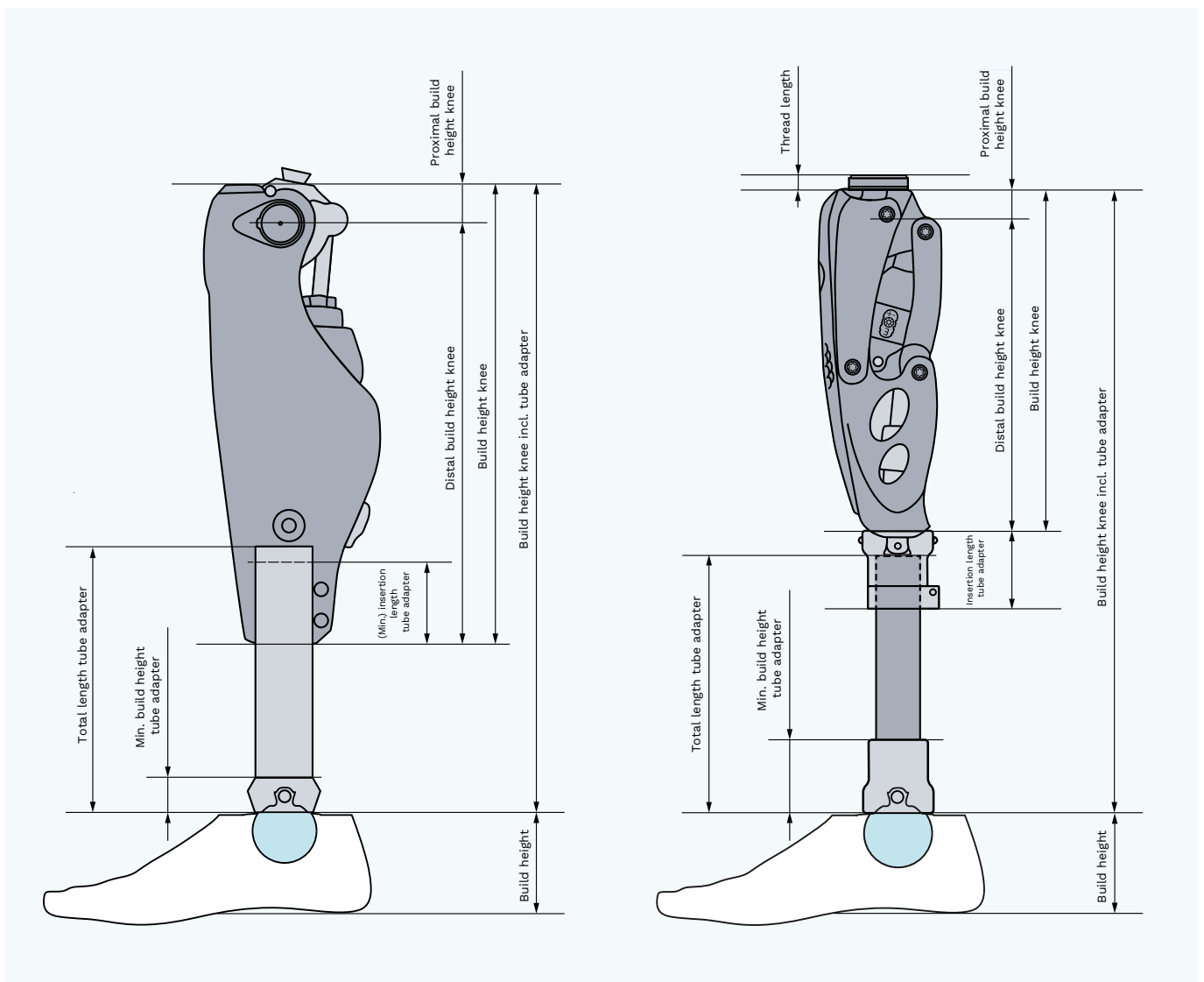
The value of the socket end to floor measurement has to be between the minimum and maximum structural height for the component combination. In addition, you can now check whether the chosen components permit optimal positioning of the knee joint (alignment reference point + 20 mm above the medial tibial plateau).

# Build height.











The build height is another common and practical measurement in orthopaedic technology.

This measurement, which the O&P professional can measure directly on the component, describes the length of the transition between the pyramid and pyramid receiver. The outer termination of the tube clamp is measured on knee joints with a distal tube adapter. In addition, the build height of the tube adapter with or without torsion has to be taken into account.

The build height of a prosthetic foot with pyramid is measured from the bottom of the heel to the lower edge of a vertically installed structural part with pyramid receiver. Since the difference between the system height and build height is about 18 mm, this means 18 mm has to be deducted from the system height for pyramid receivers and 18 mm has to be added for pyramids.



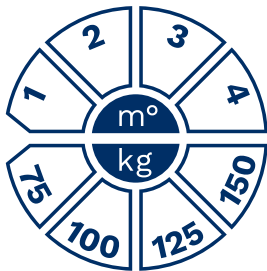
**Explanation of symbols**

	Take your patient's measurements
	Enter the measurements on the measurement form
	Take photos of your patient
	You have an existing modified, unencrypted STL file from another source
	You will receive the finished product from Ottobock iFab
	Definitive prosthesis
	Version, inside
	Check socket for interim fitting
	Casting forms, positive/negative, well-fitting check socket or definitive socket as base product
	Trial prosthesis

**Abbreviations**

<b>IFU</b>	Instructions for use
<b>TI</b>	Technical information

## MOBIS – the Ottobock mobility system

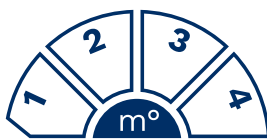


Quality and individuality are our top priorities when fabricating a leg prosthesis. The OP professional's selection of the correct prosthetic components is a decisive factor for treatment success.

MOBIS is a further development of the Ottobock classification system introduced in 1994 that focuses on people and their need for enhanced quality of life.

Four mobility grades and four weight classifications form the basis of the MOBIS selection system. With the help of the MOBIS symbol, the OP professional can see at a glance for what mobility grade and up to what patient weight functional components such as prosthetic feet, knee joints and hip joints are recommended.

With the exception of the torsion adapters and the DeltaTwist, adapters are classified as usual according to patient weight.



### MOBIS is based on 4 mobility grades:

Indoor walker, restricted outdoor walker, unrestricted outdoor walker and unrestricted outdoor walker with particularly high demands.



### MOBIS defines 4 weight classes

Patient weight up to 75 kg, up to 100 kg, up to 125 kg and over 125 kg. Ottobock thereby combines all information required for the selection of prosthetic components in one symbol. As usual, the component with the lowest weight classification is decisive for determining the maximum body weight. When a 2R50 tube adapter for example is used, the maximum patient weight of 100 kg applies for the prosthesis as a whole.

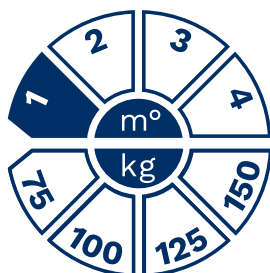


### MOBIS is easy to use.

The filled-in fields in the upper half of the symbol show that the 3R60 modular EBS knee joint for example is recommended for patients with mobility grade two and three. The notch on the left edge illustrates the direction of counting. In the lower section, the fields < 75 kg to < 125 kg are filled in. Accordingly the 3R60 is approved for a patient weight up to 125 kg.



# Mobility grades and therapy goals

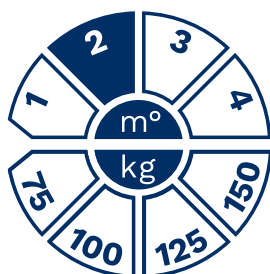


## Indoor walker

The patient has the ability or potential to use a prosthesis for transfer purposes or locomotion on level floors at low speed. The amount of time and walking distance are severely limited due to the condition.

Therapy goal:

Restoring the ability to stand and the limited ability to walk indoors.

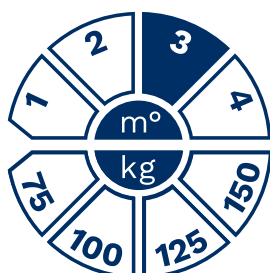


## Restricted outdoor walker

The patient has the ability or the potential to walk slowly with the prosthesis and to negotiate low environmental obstacles like curbs, single steps or uneven surfaces. The amount of time and walking distance are severely limited due to the condition.

Therapy goal:

Restoring the ability to stand and the limited ability to walk indoors and outdoors.

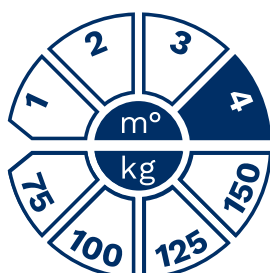


## Unrestricted outdoor walker

The patient has the ability or the potential to walk with the prosthesis at a medium to high speed as well as at different speeds and simultaneously overcome most natural obstacles. He or she is also capable of walking outdoors and engaging in professional, therapeutic and other activities that do not subject the prosthesis to above-average mechanical strain. There may be an elevated need for safety due to secondary conditions (additional disability, special living conditions) in combination with a moderate to high need for mobility. The amount of time and walking distance are not significantly limited compared to a person without disabilities.

Therapy goal:

Restoring the ability to stand and the ability to walk indoors and outdoors without significant limitations.



## Unrestricted outdoor walker with particularly high demands

The patient's ability or potential to walk with a prosthesis is similar to that of the unrestricted outdoor walker. The amount of time and walking distance are not limited. High impact loads, strain and deformations are also possible due to the high functional demands.

Therapy goal:

Restoring the ability to stand and the ability to walk indoors and outdoors without limitations, with unrestricted mobility.

		1A30 Greissinger plus	1C11 Terion K2	1C30-1 Trias	1C40 C-Walk	1C50 Taleo	1C51 Taleo Vertical Shock	1C53 Taleo Low Profile	1C58 Taleo Side Flex	1C60 Triton	1C61 Triton Vertical Shock	1C63 Triton Low Profile	1C64 Triton Heavy Duty	1C68 Triton side flex	1C70 Evanto	1D10/1D11 Dynamic foot	1D35 Dynamic Motion	1E56 Axtion	1E57 Lo Rider	1E58 Axtion DP	1M10 Adjust	1S... SACH foot	F21 Maverick Xtreme AT	F22 Maverick Comfort AT	F23 Maverick Vertical Shock	R11 Renegade AT	R16 Renegade LP-AT	VS4 Kintrol	VS5 Restore	
7E5	3R20		•													•					•	•								•
	3R36		•													•						•	•							•
7E4	3R20	•	•	•												•	•				•	•								•
	3R36	•	•	•												•	•				•	•								•
	3R60=HD	•	•	•	•	•	•	•		•	•	•	•	•			•	•			•	•		•	•	•	•			
	3R60-PRO=HD	•	•	•	•	•	•	•		•	•	•	•	•			•	•			•	•		•	•	•	•			
7E7	3R60=HD	•	•	•	•	•	•	•		•	•	•	•	•			•	•			•	•		•	•	•	•			
	3R60-PRO=HD	•	•	•	•	•	•	•		•	•	•	•	•			•	•			•	•		•	•	•	•			
	3C60	•	•	•											•	•	•				•	•						•	•	
HD	3C88-3/3C98-3	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•			•	•					
	3R60=HD	•	•	•	•	•	•	•		•	•	•	•	•	•		•	•			•	•		•	•	•	•			
7E9	3R60-PRO=HD	•	•	•	•	•	•	•		•	•	•	•	•	•		•	•			•	•		•	•	•	•			
	3C60	•	•	•											•	•	•				•	•						•	•	
	3C88-3/3C98-3	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					•	•					
7E10	3C60	•	•	•											•	•	•				•	•						•	•	
	3C88-3/3C98-3	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•			•	•					
	3B1-3			•	•	•	•	•	•	•	•	•	•	•	•			•	•	•		•		•	•	•				
	3B5-3			•	•	•	•	•	•	•	•	•	•	•	•			•	•	•		•		•	•	•				
	3B5-4			•	•	•	•	•	•	•	•	•	•	•			•	•	•		•		•	•	•					

This overview is a recommendation for the functional interaction of the hip joint and the prosthetic foot. It is the result of technical tests, biomechanical findings and practical treatment experience and is coordinated according to MOBIS. Please note that the instructions for use provide definitive information regarding the compatibility of individual components. The significant influence of the residual limb and its performance on the overall system must be taken into account for each individual case. An appropriate prosthetic socket and correct alignment are presumed as the basis.





# Leg prostheses for children.



## F24 Maverick junior

The F24 Maverick junior was designed for active children and adolescents who navigate varied indoor and outdoor environments and place a high value on flexibility and durability.

### Key features

- The fibreglass design delivers a high degree of durability and flexibility with the expected energy return
- Low build height
- Two different adapter options available
- Adjustable heel stiffness
- Protected against fresh, salt and chlorinated water

### Technical data

<b>For</b>	children, youths, adults
<b>Max. body weight</b>	45 kg
<b>Size</b>	16-21 cm
<b>Weight (without footshell)</b>	210 g*
<b>Footshell shape</b>	Slim shape for a heel height of 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	352 g*
<b>Build height with footshell</b>	47 mm*

\* Reference size is 21 cm.

### Scope of delivery

F24	Maverick junior	1	Piece(s)
2C24	Footshell Maverick junior	1	Piece(s)
2F14	Heel wedge insert for Maverick junior	1	Piece(s)
2U3	Spectra Sock for prosthetic feet	1	Piece(s)
2C101	Footshell replacement tool, plastic	1	Piece(s)
647S313	Hang tag for Maverick junior	1	Piece(s)

### Information material

647G1840=ALL_INT	Instructions for use   F24 Maverick junior
647S313=1	Hang tag for Maverick junior

### Stiffness chart

Foot size \ Body weight	Foot size					
	16 cm	17 cm	18 cm	19 cm	20 cm	21 cm
9 – 15 kg	1	1	1	1	–	–
16 – 24 kg	2	2	2	2	2	–
25 – 34 kg	–	3	3	3	3	3
35 – 45 kg	–	–	4*	4*	4*	4*

\* Stiffness 4 is not available for the lamination adapter version.

### Order example

Reference Number	=	Side	-	Size	-	Stiffness	-	Connection	/	Colour
F24	=	N	-	16	-	2	-	P	/	4

## Accessories/spare parts for F24



### Information material

647G1740=ALL\_ INT Instructions for use | 2C3-1, 2C8, 2C15, 2C15=\*-L

### 2C24 Footshell Maverick junior

The slim 2C24 footshell is a protective cover for the F24 Maverick junior prosthetic foot. Its external shape creates a natural appearance and it features openings in the sole of the foot that allow water to drain away. The sole of the footshell also has a texture for walking barefoot and a smiley face.

#### Technical data

<b>Reference number</b>	2C24
<b>Side</b>	left (L), right (R)
<b>Shape</b>	slim
<b>Size</b>	16-21 cm
<b>Weight</b>	152 g
<b>Heel height</b>	5 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\*Technical data refer to the size of 21 cm



### 2F14 Heel wedge insert for Maverick junior

The 2F14=\* heel wedge insert enables customised adjustment of the heel stiffness of the F24 Maverick junior prosthetic foot.

#### Technical data

Article number	Size
2F14=16/18	16-18 cm
2F14=19/21	19-21 cm



### 2U3 Spectra Sock for prosthetic feet

The Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the footshell.

#### Technical data

Article number	Size
2U3=1-7	22 - 25 cm
2U3=2-7	26 - 30 cm



### 2C101 Footshell replacement tool, plastic

The 2C101 shoehorn is a plastic tool for replacing the footshell on prosthetic feet. In addition to a grey marble look, the shoehorn has a hole to hang it up.

#### Technical data

<b>Article number</b>	<b>Material</b>
2C101	Plastic



## 1S30 SACH foot for children

The 1S30 SACH\* foot for children is designed in two sections and is particularly suitable for young children weighing up to 35 kg who require a stable prosthetic foot.

### Key features

- Functional properties are achieved through the proven combination of a contoured core and functional foam
- The sole of the foot is replaceable

### Technical data

<b>Max. body weight</b>	35 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	12-13 cm
<b>Weight</b>	90 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige
<b>System height with adapter</b>	37 mm*
<b>Build height with adapter</b>	51 mm*

\* Technical data refer to the size of 12 cm

· \* Solid ankle cushion heel

### Scope of delivery

1S30	SACH foot for children	1	Piece(s)
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### Information material

647G390=ALL_INT	Instructions for use   1K10, 1K30, 1S30
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### Order example

Reference number	=	Side	Size
1S30	=	L	12

## Spare part for 1S30



## 2Z25 Pedilan sole with heel wedge for 1S30

The 2Z25 Pedilan sole is a spare part for the 1S30 prosthetic foot for children.

### Technical data

Article number	Spare part for	Side	Size
2Z25=L12	1S30=L12	left (L)	12 cm
2Z25=L13	1S30=L13	left (L)	13 cm
2Z25=R12	1S30=R12	right (R)	12 cm
2Z25=R13	1S30=R13	right (R)	13 cm

### Scope of delivery

2Z25	Pedilan sole with heel wedge for 1S30	1	Piece(s)
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### Order example

Reference number	=	Side	Size
2Z25	=	L	12





**Scope of delivery**

1K30	SACH foot for children
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**Information material**

647G390=ALL_INT	Instructions for use   1K10, 1K30, 1S30
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## 1K30 SACH foot for children

The 1K30 SACH\* foot for children is a robust children’s prosthetic foot that is tailored to the special needs of young prosthesis wearers weighing up to 45 kg.

**Key features**

- The functional properties are achieved through the combination of a contoured core and functional foam
- Natural foot shape with smooth surface and defined toes

**Technical data**

<b>Max. body weight</b>	45 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	14-21 cm
<b>Weight</b>	125 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 5 +/- 5 mm
<b>Colour</b>	beige
<b>System height with adapter</b>	44 mm*
<b>Build height with adapter</b>	58 mm*

\* Technical data refer to the size of 16 cm

- \* Solid ankle cushion heel

**Order example**

Reference number	=	Side	Size
1K30	=	L	16



**Scope of delivery**

1K10	Dynamic foot for children	1	Piece(s)
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**Information material**

647G390=ALL_INT	Instructions for use   1K10, 1K30, 1S30
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## 1K10 Dynamic foot for children

The 1K10 dynamic foot for children is a robust children’s prosthetic foot that is tailored to the special needs of young prosthesis wearers weighing up to 45 kg.

**Key features**

- The design consisting of a contoured core and the use of foams with different characteristics results in a comfortable heel strike and an easier, dynamic rollover
- Natural foot shape with smooth surface and defined toes

**Technical data**

<b>Max. body weight</b>	45 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	14-21 cm
<b>Weight</b>	140 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 5 +/- 5 mm
<b>Colour</b>	beige
<b>System height with adapter</b>	44 mm*
<b>Build height with adapter</b>	58 mm*

\* Technical data refer to the size of 16 cm

**Order example**

Reference number	=	Side	Size
1K10	=	L	16

## Accessories/spare parts for 1S30, 1K30, 1K10



### 2R40 Foot adapter with screw connection

The foot adapter is used to integrate the 1S30, 1K10 and 1K30 prosthetic feet for children in modular prostheses.

#### Technical data

Article number	Material	for	Can be combined with	Weight	Max. body weight
2R40=1	Aluminium, Stainless steel	all 1S and 1K children's feet in sizes 18 – 21 cm	2R41=1 Tube adapter	80 g	45 kg
2R40=2	Aluminium, Stainless steel	all 1S and 1K children's feet in sizes 12 – 17 cm	2R41=2 Tube adapter	45 g	35 kg

- System height already taken into consideration with the foot.
- Please order separately.

#### Scope of delivery

2R40	Foot adapter with screw connection	1	Piece(s)
2D6	Screw connection	1	Single component pack

#### Information material

647G97=ALL_INT	Instructions for use   2R40, 2R41, 2R48, 4R66
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### 2D6 Screw connection for 2R40

The 2D6 spare parts set is used for the screw connection of the 2R40=1 and 2R40=2 foot adapters with the corresponding prosthetic feet.

#### Technical data

Article number	Spare part for	Scope of delivery
2D6=M6	2R40=2	1 cap screw (steel) 1 hexagon socket head 1 washer
2D6=M8	2R40=1	1 cap screw (steel) 1 hexagon socket head 1 washer



## 1E93 Runner junior

The Runner junior is suitable for active children and adolescents who love sports and weigh up to 45 kg. In addition to participation in physical education, the Runner junior supports age-appropriate development and allows children to experience the joy of movement in their social environment.

### Key features

- Resilient, lightweight carbon spring providing children who love sports with a high level of propulsion
- Dynamic response and spring stiffness can be adjusted to individual requirements by sliding the adapter along the carbon spring
- Straightforward trial fitting and final fitting solutions thanks to flexible adjustment options and the option of connecting to the Ottobock modular system

### Technical data

<b>Max. body weight</b>	45 kg
<b>Size</b>	Universal
<b>Weight</b>	170-210 g
<b>Build height</b>	18.5 cm
<b>Build height, under load</b>	16 cm

### Scope of delivery

1E93	Runner junior	1	Piece(s)
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### Information material

647G1145=ALL_INT	Instructions for use   1E91, 1E93 Runner
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### Stiffness chart

Body weight	Stiffness version
15 to 20 kg	SPR-1
21 to 25 kg	SPR-2
26 to 30 kg	SPR-3
31 to 37 kg	SPR-4
38 to 45 kg	SPR-5

### Order example

<b>Reference number</b>	=	<b>SPR</b>	-	<b>Stiffness</b>	-	<b>S</b>	-	<b>N-6</b>
1E93	=	SPR	-	3	-	S	-	N-6

## Accessories for 1E93



## 4R224 Runner junior adapter with pyramid, rotatable

The pyramid of the 4R224=6 connection adapter can be rotated to any position and makes it easier to adjust the prosthesis to suit the user. Overall, the adapter stands out for its light weight and robustness.



### Information material

647G1176=ALL_INT	Additional documentation   4R216, 4R218, 4R224
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### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R224=6	Aluminium, Stainless steel	3 mm	21 mm	175 g	45 kg

· Please order separately.



## 2Z543 Runner junior sole

The 2Z543=6 Runner junior universal sole provides an excellent grip, making it suitable for running on a variety of surfaces – from grass to asphalt.

### Technical data

Article number	Build height	Weight
2Z543=6	13 mm	90 g

· Please order separately.

### Information material

647G1177=ALL_INT	Additional documentation   2Z540, 2Z541, 2Z543
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## 2R41 Tube adapter

The 2R41=1 tube adapter connects prosthetic components with each other. It is intended exclusively for use in transtibial and transfemoral prostheses below the knee joint.

### Technical data

<b>Article number</b>	2R41=1
<b>Diameter</b>	22 mm
<b>Material</b>	Aluminium
<b>Min. system height</b>	80 mm
<b>Max. system height</b>	320 mm
<b>Min. build height</b>	45 mm
<b>Overall length</b>	314 mm
<b>Weight</b>	140 g
<b>Max. body weight</b>	45 kg

### Scope of delivery

2R41=1	Tube adapter	1	Piece(s)
506G3=M6X10	Grub screw	4	Piece(s)

### Information material

647G97=ALL_INT	Instructions for use   2R40, 2R41, 2R48, 4R66
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## 2R41 Tube adapter

The 2R41=2 tube adapter connects prosthetic components to each other. It is intended exclusively for use in transtibial and transfemoral prostheses, both above and below the knee joint.

### Technical data

<b>Article number</b>	2R41=2
<b>Diameter</b>	22 mm
<b>Material</b>	Aluminium
<b>Min. system height</b>	80 mm
<b>Max. system height</b>	278 mm
<b>Min. build height</b>	45 mm
<b>Overall length</b>	274 mm
<b>Weight</b>	125 g
<b>Max. body weight</b>	35 kg

### Scope of delivery

2R41=2	Tube adapter	1	Piece(s)
506G3=M6X10	Grub screw	4	Piece(s)

### Information material

647G97=ALL_INT	Instructions for use   2R40, 2R41, 2R48, 4R66
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## 2R48 Tube adapter, angled

The angled 2R48 tube adapter is designed for combination with the 7E8 hip joint for children.



### Technical data

<b>Article number</b>	2R48
<b>Diameter</b>	22 mm
<b>Material</b>	Aluminium
<b>Min. system height</b>	80 mm
<b>Max. system height</b>	219 mm
<b>Min. build height</b>	45 mm
<b>Overall length</b>	220 mm
<b>Weight</b>	105 g
<b>Angled</b>	13°
<b>Max. body weight</b>	45 kg

### Scope of delivery

2R48	Tube adapter, angled	1	Piece(s)
506G3=M6X10	Grub screw	4	Piece(s)

### Information material

647G97=ALL_INT	Instructions for use   2R40, 2R41, 2R48, 4R66
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## 4R66 Tube clamp adapter

The 4R66 tube clamp adapter is intended exclusively for use in transtibial prostheses.

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R66	22 mm	Aluminium	-9 mm	29 mm	45 g	45 kg

### Scope of delivery

4R66	Tube clamp adapter	1	Piece(s)
501S42=M6X18	Oval Allen head screw	1	Piece(s)

### Information material

647G97=ALL_INT	Instructions for use   2R40, 2R41, 2R48, 4R66
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## Accessories/spare parts for 4R66



## 501S42 Oval Allen head screw

The oval head Allen screw is a spare part for the 4R66 tube clamp adapter for children.

### Technical data

Article number
501S42=M6X18



## 5R9 Socket attachment block

The 5R9 socket attachment block is intended for use in transtibial and transfemoral prostheses.

### Technical data

Article number	Material	System height	Weight	Max. body weight
5R9	Plastic	30 mm	125 g	45 kg

- The enclosed 4X8 lamination dummy is to be used for laminating.

### Scope of delivery

5R9	Socket attachment block	1	Piece(s)
501S41=M5X16	Countersunk head screw (allen screw)	4	Piece(s)
4X8	Lamination dummy	1	Piece(s)

### Information material

647G1625=ALL_INT	Instructions for use   5R9, 4R60
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## Accessories/spare parts for 5R9



### 4X8 Lamination dummy

Use the 4X8 lamination dummy for laminating with the 5R9 socket attachment block.

### Technical data

<b>Article number</b>
4X8



### 501S41 Countersunk head screw (allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

### Technical data

<b>Article number</b>
501S41=M5X16



## 4R60 Socket adapter

The 4R60 socket adapter is intended for use in transtibial and transfemoral prostheses.

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R60	Aluminium	33 mm	19 mm	45 g	45 kg

### Scope of delivery

4R60	Socket adapter	1	Piece(s)
506G3=M6X10	Grub screw	4	Piece(s)

### Information material

647G1625=ALL_INT	Instructions for use   5R9, 4R60
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## 4R110 Lamination anchor with pyramid receiver

The 4R110 lamination anchor is intended for use in transtibial and transfemoral prostheses and is laminated into the socket.

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R110	Aluminium	35 mm	21 mm	55 g	45 kg

· The enclosed lamination dummy is to be used for laminating.

### Scope of delivery

4R110	Lamination anchor with pyramid receiver	1	Piece(s)
501Z2=M4X20	Cap Screw	1	Piece(s)
506G3=M6X10	Grub screw	4	Piece(s)
506G3=M6X12	Set screw	2	Piece(s)

### Information material

647G1588=ALL_INT	Instructions for use   4R110
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## Accessories/spare parts for 2R41, 2R48, 4R60, 4R110



### 501Z2 Cap screw (Allen screw)

501Z2 cap screw as a spare part for various Ottobock adapter systems.

#### Technical data

Article number	Thread
501Z2=M4X18	M4



### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths.

#### Technical data

Article number	Length	Spare part for
506G3=M6X10	10 mm	2R41=1
		2R41=2
		2R48
		4R60
506G3=M6X12	12 mm	4R110
		3R15
		3R49
		3R67



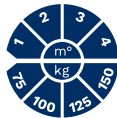


## 4R11 Quickchange

With the 4R11 Quickchange adapter, amputees can remove their distal prosthetic components from the socket by themselves when needed, in just one step. This makes dressing and undressing easier and sitting more comfortable. In addition, a fitting with various prosthetic feet or knee-foot combinations is possible.

### Key features

- Base element with locking mechanism
- Four different connection options
- Simple locking mechanism
- Also suitable for children
- Protected against fresh, salt and chlorinated water



Max. 150 kg

### Technical data

Article image				
<b>Build height</b>	44 mm	55 mm	41 mm	41 mm
<b>Weight</b>	370 g	370 g	330 g	325 g
<b>Connection</b>	Pyramid/pyramid receiver	Pyramid receiver/pyramid receiver	Thread/pyramid receiver	Thread for modular system for children/pyramid receiver
<b>Mobility grade</b>	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4
<b>Max. body weight</b>	150 kg	150 kg	150 kg	45 kg
<b>Max. body weight (high activity)</b>	125 kg	125 kg	125 kg	45 kg
<b>User group</b>	adults, children	adults, children	adults, children	adults, children
<b>Activities</b>	Daily use, Sports	Daily use, Sports	Daily use, Sports	Daily use, Sports
<b>Moisture resistance</b>	waterproof	waterproof	waterproof	waterproof
<b>Material</b>	Titanium, Stainless steel	Titanium, Stainless steel	Titanium, Stainless steel	Titanium, Stainless steel

A set always consists of a base element and a connector. Please consider in advance which additional connections and components you need for the entire prosthetic fitting. All parts are available separately as accessories and spare parts.

## Components of 4R11



### 4R11 Quickchange

Connecting element with pyramid.

#### Technical data

<b>Article number</b>	4R11=P-1-1
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### 4R11 Quickchange

Connecting element with pyramid receiver.

#### Technical data

<b>Article number</b>	4R11=R-1-1
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## 4R11 Quickchange

Base element with pyramid receiver.

### Technical data

<b>Article number</b>	4R11=R-3-2
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## 4R11 Quickchange

Connecting element with thread.

### Technical data

<b>Article number</b>	4R11=ST-1-1
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## 4R11 Quickchange

Connecting element with thread for modular system for children.

### Technical data

<b>Article number</b>	4R11=ST-2-1
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## Accessories/spare parts for 4R11

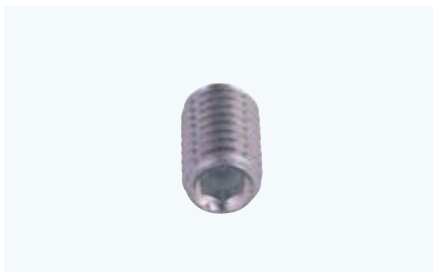


## 4X907 Reducer pyramid receiver

With the 4X907=1, the pyramid receiver of the base element can be reduced so that the Quickchange adapter can also be used with the modular system for children.

### Technical data

<b>Article number</b>	
4X907=1	



## 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



## 3R68 movido

Thanks to its compact design and very low weight, the 3R68 movido is specially designed for small children. With its hydraulic swing phase control, movido supports a more physiological gait pattern as well as changing walking speeds right from the start and gives children the freedom of movement they need.

### Key features

- Extremely small and lightweight
- Robust design
- Adaptation to different walking speeds through hydraulic swing phase control
- Increased stability due to 4-axis joint geometry
- High knee flexion angle for easy kneeling
- Available in two different sizes

### Technical data

Description	movido explore	movido play
<b>Article number</b>	3R68=1-P	3R68=2-P
<b>For</b>	Toddlers and schoolchildren	Toddlers and schoolchildren
<b>Max. body weight</b>	25 kg	45 kg
<b>Weight</b>	190 g	250 g
<b>Proximal connection</b>	Pyramid	Pyramid
<b>Distal connection</b>	Tube clamp	Tube clamp
<b>System height</b>	36 mm	49 mm
<b>Build height</b>	102 mm	113 mm
<b>Proximal build height to alignment reference point</b>	21 mm	23 mm
<b>Distal build height to alignment reference point</b>	88 mm	99 mm

### Scope of delivery

4P10	movido knee protection cap
4P11	movido dust cover

### Information material

647G1852=ALL_INT	Instructions for use   3R68
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## Accessories/spare parts for 3R68



### 4P10 movido knee protection cap

The 4P10 knee protection cap is available in two sizes and is designed to protect the movido 3R68 children's knee joint.

### Technical data

Article number	for
4P10=1	3R68=1-P
4P10=2	3R68=2-P



### 4P11 movido dust cover

The 4P11 dust cover protects the 3R68 movido knee joint for children.

### Technical data

Article number
4P11=1



## 3R39 Knee joint with lock

The 3R39 is a monocentric modular knee joint with lock for children. The integrated locking mechanism secures the joint in the extended position. A lock cable protruding from the upper joint section is used to unlock the locking mechanism and permit flexion.

### Key features

- Maximum safety thanks to lock
- Flexion angle of 145° enables extensive freedom of movement for the leg
- Lightweight aluminium design with weight of just 145 g
- Suitable for young users with a body weight of up to 45 kg

### Technical data

<b>Article number</b>	3R39
<b>Max. body weight</b>	45 kg
<b>Weight</b>	145 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp Ø 22
<b>Knee flexion angle</b>	145 °
<b>System height</b>	24 mm
<b>Proximal system height to alignment reference point</b>	2 mm
<b>Distal system height to alignment reference point</b>	22 mm
<b>Build height</b>	61 mm
<b>Proximal build height to alignment reference point</b>	16 mm
<b>Distal build height to alignment reference point</b>	45 mm
<b>Material</b>	Aluminium
<b>Version</b>	monocentric

### Scope of delivery

3R39	Knee joint with lock	1	Piece(s)
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### Information material

647G99=ALL_INT	Instructions for use   3R38, 3R39
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## Accessories/spare parts for 3R39



## 4D20 Single component pack

The single component pack consists of spare parts for the 3R39 modular knee joint for children.

### Technical data

<b>Article number</b>	<b>Spare part for</b>
4D20	3R39

### Consisting of product

4A59	Joint axis	1	Piece(s)
4Z49=25	Washer	2	Piece(s)
506A16	Straight Pin	1	Piece(s)
513D50	Compression spring	1	Piece(s)



## 3R38 Knee joint with adjustable extension assist mechanism

The 3R38 moncentric knee joint for children features an individually adjustable extension assist mechanism to control the swing phase.

### Key features

- Made from aluminium for a low weight of 160 g
- Large knee flexion angle of 145° enables extensive freedom of movement
- Suitable for young users with a body weight of up to 45 kg

### Technical data

<b>Article number</b>	3R38
<b>Max. body weight</b>	45 kg
<b>Weight</b>	160 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp Ø 22
<b>Knee flexion angle</b>	145 °
<b>System height</b>	24 mm
<b>Proximal system height to alignment reference point</b>	2 mm
<b>Distal system height to alignment reference point</b>	22 mm
<b>Build height</b>	61 mm
<b>Proximal build height to alignment reference point</b>	16 mm
<b>Distal build height to alignment reference point</b>	45 mm
<b>Version</b>	monocentric

### Scope of delivery

3R38	Knee joint with adjustable extension assist mechanism	1	Piece(s)
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### Information material

647G99=ALL_INT	Instructions for use   3R38, 3R39
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## Accessories/spare parts for 3R38



### 4D15 Single component pack

The single component pack consists of spare parts for the 3R38 modular knee joint for children.

### Technical data

<b>Article number</b>	<b>Spare part for</b>
4D15	3R38

### Consisting of product

506A8=2X12	Cylinder Pin	1	Piece(s)
4Z54	Guide sleeve	1	Piece(s)
627F1=9.5X2.4	O-seal	1	Piece(s)
4A59	Joint axis	1	Piece(s)
4Z49=25	Washer	2	Piece(s)
4Z59=5X10	Bumper	2	Piece(s)



**Scope of delivery**

3R66	Knee joint with integrated rotation	1	Piece(s)
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### 3R66 Knee joint with integrated rotation

A rotation unit integrated into the lower joint section permits rotation of the prosthetic foot with automatic repositioning when the load is removed. Combined with the large flexion angle of about 179°, this makes a favourable kneeling position possible as well as crouching with the foot turned out.

**Key features**

- Integrated rotation unit offers a variety of sitting positions and increased mobility
- Lightweight aluminium design with an overall weight of just 310 g
- Large flexion angle of 179° enables extensive freedom of movement for the leg
- Individually adjustable knee stability due to adjustable stop
- Individually adjustable extension assist mechanism to control the swing phase
- Suitable for young users with a body weight of up to 35 kg

**Technical data**

<b>Article number</b>	3R66
<b>Max. body weight</b>	35 kg
<b>Weight</b>	310 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp Ø 22 mm
<b>Knee flexion angle</b>	179 °
<b>System height</b>	76 mm
<b>Proximal system height to alignment reference point</b>	- 6 mm
<b>Distal system height to alignment reference point</b>	83 mm
<b>Build height</b>	118 mm
<b>Proximal build height to alignment reference point</b>	8 mm
<b>Distal build height to alignment reference point</b>	110 mm
<b>Version</b>	Polycentric

· Not suitable for hip disarticulation fittings.



**Scope of delivery**

3R67	Knee joint with hydraulic swing phase control	1	Piece(s)
710H10=2X3	Adjustment aid	1	Piece(s)

**Information material**

647G1098=ALL_INT	Instructions for use   3R67
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### 3R67 Knee joint with hydraulic swing phase control

The 3R67 supports various walking speeds and offers high stance phase stability. The low-viscosity oil used in the joint's hydraulics results in ease of movement in the swing phase. With a net weight of just 510 g, the joint offers great freedom of movement for young users.

**Key features**

- Flexible adjustment to various walking speeds through hydraulic swing phase control
- Increased stability in the stance phase for safe standing
- Increased knee stability thanks to four-axis polycentric structure
- Large knee flexion angle of 150° enables extensive freedom of movement
- Suitable for young users with a body weight of up to 45 kg
- Special adapter included in scope of delivery.

**Technical data**

<b>Article number</b>	3R67
<b>Max. body weight</b>	45 kg
<b>Weight</b>	510 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	150 °
<b>System height</b>	97 mm
<b>Proximal system height to alignment reference point</b>	1 mm
<b>Distal system height to alignment reference point</b>	96 mm
<b>Build height</b>	129 mm
<b>Proximal build height to alignment reference point</b>	15 mm
<b>Distal build height to alignment reference point</b>	114 mm



## 3S80 Sport knee joint

The patented principle of rotation hydraulics already familiar from the 3R80 prosthetic knee joint is also used in a modified form in the 3S80 Sport. The rotation hydraulics in the 3S80=1 product variant contain oil with a lower viscosity than the standard 3S80 product variant. Due to its lower oil viscosity, the 3S80=1 is particularly well suited for applications demanding maximum ease of movement in the swing phase, for example sport prostheses for children or prostheses used for sprinting.



Max. 100 kg

### Scope of delivery

3S80	Sport knee joint	1	Piece(s)
710H10=2X3	Adjustment aid	1	Piece(s)

### Information material

647G813=ALL_INT	Instructions for use   3S80, 3S80=1
646D1563=ALL_INT	Quick reference guide   3S80 1E90 TF running prosthesis

### Technical data

<b>Article number</b>	3S80=1
<b>Max. body weight</b>	100 kg
<b>Weight</b>	682 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Range</b>	135 °
<b>System height</b>	48 mm
<b>Proximal system height to alignment reference point</b>	28 mm
<b>Distal system height to alignment reference point</b>	20 mm
<b>Build height</b>	84 mm
<b>Proximal build height to alignment reference point</b>	46 mm
<b>Distal build height to alignment reference point</b>	38 mm



## 7E8 Hip joint with adjustable extension assist mechanism

The 7E8 modular hip joint for children has an individually adjustable extension assist mechanism to control the swing phase as well as an adjustable abduction/adduction and flexion/extension position.

### Technical data

<b>Article number</b>	7E8
<b>Max. body weight</b>	45 kg
<b>Weight</b>	215 g
<b>Proximal connection</b>	Lamination plate
<b>Distal connection</b>	Tube clamp Ø 22
<b>System height</b>	19 mm
<b>Min. build height</b>	60 mm
<b>Version</b>	monocentric

### Scope of delivery

7E8	Hip joint with adjustable extension assist mechanism	1	Piece(s)
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### Information material

647G98=ALL_INT	Instructions for use   7E8
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## Accessories/spare parts for 7E8



## 7D3 Single component pack

The single component pack consists of spare parts for the 7E8 modular hip joint for children.

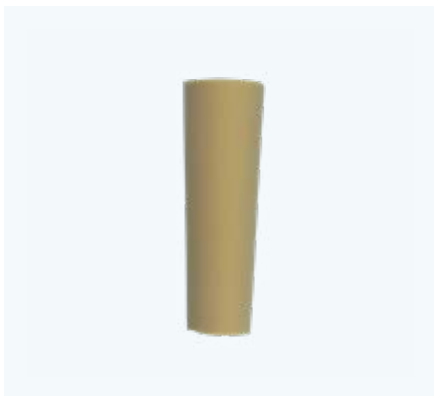
### Technical data

<b>Article number</b>	<b>Spare part for</b>
7D3	7E8

### Consisting of product

506A8=2X16	Cylinder Pin	1	Piece(s)
7Z62	Extension tappet	1	Piece(s)
7Z67	Stop damper	1	Piece(s)
4Z49=20	Washer	1	Piece(s)





### 6R7 Foam cover

The cover for modular transtibial prostheses for children restores the natural leg volume. It has a 22-mm diameter bore and can be used on the left or right side.

**Key features**

- Material: PUR foam
- With bore for 22-mm tube diameter
- Suitable for modular transtibial prostheses for children

**Technical data**

Article number	Material	Tube Ø	Length
6R7	PUR	22 mm	Approx. 35 cm

· The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.

**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
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### 3R48 Foam cover

The cover for modular transfemoral and hip disarticulation prostheses for children restores the natural leg volume. It has a 22-mm diameter bore and is partly anatomically pre-shaped. The cover can be used on the left or right side.

**Key features**

- Material: PUR foam
- Can be used for modular transfemoral and hip disarticulation prostheses for children
- With stepped centre hole (diameter of 22 mm in the lower leg area)
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

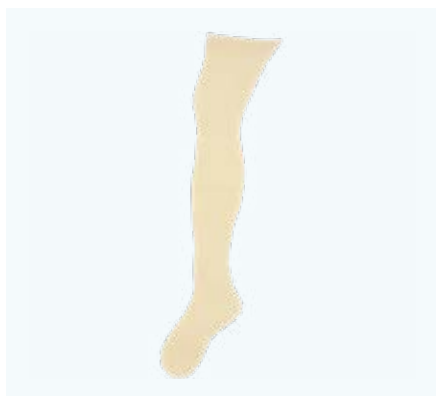
**Technical data**

Article number	Material	Calf circumference	Knee flexion	Length
3R48	PUR	32 cm	30 °	Approx. 70 cm

· The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.

**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
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## 99B22 Perlon cosmetic stocking

The perlon cosmetic stocking is intended as an exterior cosmetic cover for modular transfemoral and hip disarticulation prostheses for children.

### Key features

- Material: polyamide
- Stocking for modular transfemoral and hip disarticulation prostheses for children
- Available in three sizes
- Delivery unit: one piece

### Technical data

Article number	size	Length	Foot length	Ankle (1/2)	Colour
99B22=1	3	~ 42 cm	~ 15 cm	~ 9 cm	Beige
99B22=2	2	~ 63 cm	~ 16.5 cm	~ 9 cm	Beige
99B22=3	3	~ 63 cm	~ 17.5 cm	~ 9 cm	Beige

- Delivery unit: one piece
- The dimensions listed in the table serve as a guideline. Possible variations in these dimensions may occur during production. They have no effect on elasticity and product function. The desired dimension can be obtained by pulling.







# Initial and interim prostheses



## 2R45=S Tube adapter, length-adjustable

The 2R45=S length-adjustable tube adapter serves as an adjusting element for optimising the alignment and must be removed before completing the definitive prosthesis.

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
2R45=S	30 mm	Stainless steel	70 mm	85 mm	200 g	100 kg

- Intended exclusively for use in initial or interim prostheses, for testing and the fitting of lower limb prostheses.



## 2R45=34 Tube adapter, length-adjustable

The 2R45=34 length-adjustable tube adapter serves as an adjusting element for optimising the alignment and must be removed before completing the definitive prosthesis. The length of the adapter can be adjusted thanks to the two pieces of scaled tube that are included. The exterior and interior rotation of the foot can also be adjusted.

### Technical data

<b>Article number</b>	2R45=34
<b>Diameter</b>	34 mm
<b>Material</b>	Stainless steel, Aluminium
<b>Min. system height</b>	268 mm
<b>Max. system height</b>	398 mm
<b>Min. build height</b>	130 mm
<b>Overall length</b>	380 mm
<b>Weight (with 2R56=230 tube)</b>	430 g
<b>Weight (with 2R56=300 tube)</b>	470 g
<b>Max. body weight</b>	125 kg

- Intended exclusively for use in initial or interim prostheses, for testing and the fitting of lower limb prostheses.

## Spare parts/accessories for 2R45=S, 2R45=34



### 501Z2 Cap screw (Allen screw)

501Z2 cap screw as a spare part for various Ottobock adapter systems.

#### Technical data

Article number
501Z2=M4X18



### 506G3 Grub screw

Set screw with Allen head and truncated cone, insertion depth 1.5 mm. The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm



### 2R56 Scaled tube 230 mm

The scaled tube is a spare part for the 2R45=34 tube adapter. It is made of stainless steel and is available in two lengths.

#### Technical data

Article number	Spare part for	Diameter	Material	Weight	Length	Max. body weight
2R56=230	2R45=34	34 mm	Aluminium	130 g	230	125 kg



### 2R56 Scaled tube 300 mm

The scaled tube is a spare part for the 2R45=34 tube adapter. It is made of stainless steel and is available in two lengths.

#### Technical data

Article number	Spare part for	Diameter	Material	Weight	Length	Max. body weight
2R56=300	2R45=34	34 mm	Aluminium	170 g	300 mm	125 kg



## 4R101 Sliding adapter

The 4R101 sliding adapter permits translational adjustments in the frontal and sagittal planes. It consists of an upper and a lower part, which can be moved against each other. The displacement can be read on a scale. The adapter is installed between the socket attachment block and the socket adapter.



Max. 100 kg



### Scope of delivery

4R101	Sliding adapter	1	Piece(s)
4Y212	Clamping nut	1	Piece(s)
501S44=M6X25	Oval flange head screw Allen screw	1	Piece(s)
501S41=M6X16	Countersunk head screw (Allen screw)	4	Piece(s)
506G3=M4X12	Set screw	4	Piece(s)

### Information material

647G1628=ALL_INT	Instructions for use   4R101
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### Technical data

Article number	Material	System height	Weight	Offset in m-l and a-p direction	Max. body weight
4R101	Aluminium	25 mm	205 g	+/- 11 mm	100 kg

The 4R101 sliding adapter may only be used in transfemoral prostheses, proximal to the prosthetic knee joint.

## Accessories/spare parts for 4R101



### 4Y212 Clamping nut

4Y212 clamping nut as a spare part for 4R101 sliding adapter.

#### Technical data

<b>Article number</b>
4Y212



### 501S44 Oval flange head screw Allen screw

501S44 oval flange head screw with Allen head as a spare part for the 4R101 sliding adapter.

#### Technical data

<b>Article number</b>	<b>Spare part for</b>
501S44=M6X25	4R101



### 501S41 Countersunk head screw (Allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

#### Technical data

<b>Article number</b>
501S41=M6X16





## Information material

647G1624=ALL\_INT | Instructions for use | 4R112

## 4R112 Sliding Adapter Set

The 4R112 sliding adapter set is used to optimise the alignment of lower limb prostheses within the scope of initial treatment for a limited time and/or interim prostheses. It includes two mounting plates as well as an adapter with pyramid and an adapter with pyramid receiver. Adjustments in the frontal and sagittal plane as well as the rotation direction are possible.



### Technical data

<b>Article number</b>	4R112
<b>Material</b>	Aluminium, Titanium
<b>System height (plate plus both adapters)</b>	33 mm
<b>Build height</b>	32 mm
<b>Weight</b>	Between 195 g and max. 510 g
<b>Offset in a-p direction</b>	with mounting plate 1: 48 mm in 12 mm increments with mounting plate 2: 24 mm in 12 mm increments
<b>Offset in m-l direction</b>	with mounting plate 1: 24 mm in 12 mm increments with mounting plate 2: 18 mm in 9 mm increments
<b>Rotation adjustment</b>	+/- 18° in 3° increments
<b>Max. body weight</b>	100 kg

· Exclusively for testing and trial fitting purposes in initial and/or interim prostheses!

## Accessories/spare parts for 4R112



### 4R112\* Mounting plate

The mounting plate is a spare part for the 4R112 sliding adapter set.

#### Technical data

<b>4R112-1</b>	
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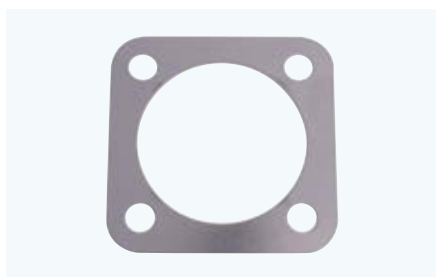


### 4R112\* Mounting plate

The mounting plate is a spare part for the 4R112 sliding adapter set.

#### Technical data

<b>4R112-2</b>	
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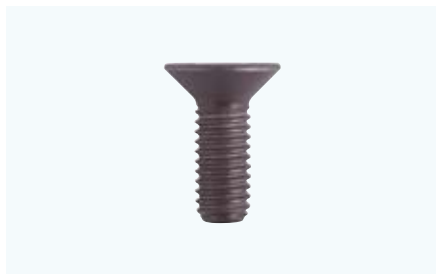


### 4Y19 Pressure plate

This pressure plate is available as a spare part.

#### Technical data

<b>Article number</b>	
4Y19	



### 501S41 Countersunk head screw (Allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

#### Technical data

<b>Article number</b>	
501S41=M6X12	



### 501S71 Countersunk head screw (Allen screw)

**Technical data**

<b>Article number</b>
501S71=M6X25



### 501T48 Cap Screw

**Technical data**

<b>Article number</b>
501T48=M6X25



### 501T61 Cap screw

501T61 cap screws as spare parts for various products.

**Technical data**

<b>Article number</b>
501T61=M6X12



### 502Z22 Hexagon nut with conical support

**Technical data**

<b>Article number</b>
502Z22=M6



### 507U12 Spacer washer

**Technical data**

<b>Article number</b>
507U12=6.2X10.3



### 506G3 Grub screw

Set screw with Allen head and truncated cone, insertion depth 1.5 mm. The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

**Technical data**

Article number	Length
506G3=M8X12-V	12 mm



## 4R1 Adjustment adapter

The 4R1 adjustment adapter facilitates the correct static alignment of lower limb prostheses during fitting because it allows adjustments to be made under load on the patient while standing. Reproducible adjustments are possible thanks to the scales, allowing the gait pattern to be optimised quickly during trial walking.



### Information material

647G1529=ALL\_INT | Instructions for use | 4R1

### Technical data

<b>Article number</b>	4R1
<b>Material</b>	Aluminium
<b>System height</b>	68 mm
<b>Build height</b>	68 mm
<b>Weight</b>	615 g
<b>Verschiebung a-p-Richtung (max. Verschiebeweg)</b>	50 mm (corresponds to 25 mm respectively)
<b>Verschiebung m-l-Richtung (max. Verschiebeweg)</b>	30 mm (corresponds to 15 mm respectively)
<b>Max. body weight</b>	100 kg

- Intended exclusively for temporary use during fitting of the prosthesis!
- Using the 4R1 is particularly recommended with the 743L500 3D L.A.S.A.R. Posture and the 743A160 Ottobock transfer apparatus.

## Accessories/spare parts for 4R1



### 501S41 Countersunk head screw (Allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

### Technical data

<b>Article number</b>	
501S41=M6X16	



### 506G3 Grub screw

Set screw with Allen head and truncated cone, insertion depth 1.5 mm.

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

### Technical data

<b>Article number</b>	<b>Length</b>
506G3=M8X12-V	12 mm



## 4R170 Sliding adapter

The 4R170=1 and 4R170=2 sliding adapters enable fast and easy adjustment of the socket flexion position in transfemoral prostheses thanks to the option to make adjustments along a circular path. The adjustment of the sliding proximal connector is made with an Allen wrench.

### Key features

- The 4R170=1 is suitable for fittings with a larger socket flexion setting
- The 4R170=2 is suitable for fittings with a smaller socket flexion setting
- The adjustment range for both adapters is 4°. The socket flexion angle can be changed at any time. The settings can be reproduced with the help of the attached scale
- The exterior thread is used to connect to a lamination anchor with threaded connector
- The 4R50 pyramid can be screwed onto the thread to establish the connection to a prosthetic component with a pyramid receiver
- The proximal connector can be exchanged for the 4R173 pyramid receiver, which has to be ordered separately

### Scope of delivery

4R170	Sliding adapter	1	Piece(s)
507U20=8.4	Spacer washer	1	Piece(s)
501Z2=M8X40-1	Cap screw (Allen screw)	1	Piece(s)
501S41=M6X12-12.9	Countersunk head screw (allen screw)	4	Piece(s)



Max. 150 kg

### Information material

647G644=ALL_INT	Instructions for use   4R170=1, 4R170=2
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### Technical data

Article image		
<b>Article number</b>	4R170=1	4R170=2
<b>Material</b>	Stainless steel	Stainless steel
<b>Distal connection</b>	4-hole	4-hole
<b>Proximal connection</b>	Thread	Thread
<b>System height</b>	15 mm	15 mm
<b>Build height</b>	15 mm	15 mm
<b>Weight</b>	555 g	445 g
<b>Displacement</b>	4 mm	4 mm
<b>Max. body weight</b>	150 kg	150 kg

- The 4R170 sliding adapter may only be used in transfemoral prostheses, proximal to the prosthetic knee joint.
- For use in interim and definitive prostheses.
- Position the 4R170 sliding adapter 300 mm distally from the socket reference point, or as close to that as possible. Depending on the design, the length of the prosthesis then remains virtually unchanged despite changes in the socket flexion position.



## 4R173 Pyramid receiver

The 4R173 pyramid receiver can be used instead of the sliding exterior thread of the 4R170.



Max. 150 kg



### Scope of delivery

4R173	Pyramid receiver	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Information material

647G644=ALL_ INT	Instructions for use   4R170=1, 4R170=2
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### Technical data

Article number	Material	System height	Build height	Weight	Adjustment range	Max. body weight
4R173	Stainless steel	35 mm	17 mm	170 g	4 °	150 kg

## Accessories/spare parts for 4R173



### 501S41 Countersunk head screw (Allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

### Technical data

Article number
501S41=M6X12



# Waterproof walking aids.



## 1WR95 Aqua foot with modular adapter

The 1WR95 Aqua foot is a waterproof prosthetic foot. The proximal contact surface in the modular version is coated with a sealing resin before it leaves the factory to protect against water penetration and is connected to a high-grade titanium foot adapter. Access to the adapter screw on the sole of the foot is sealed with a plug.

### Key features

- The shape, the lattice-like tread on the sole and the special composition of the material provide excellent grip
- Natural foot shape with defined toes and a separate big toe



Max. 150 kg

### Scope of delivery

1WR95	Aqua foot with modular adapter	1	Piece(s)
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### Information material

647G634=ALL_INT	Instructions for use (qualified personnel)   1WR95
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### Technical data

<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-28 cm
<b>Weight</b>	629 g*
<b>Colour</b>	beige 4
<b>System height</b>	67 mm*
<b>Build height</b>	85 mm*

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	Size	-	O	-	P	/	Colour
1WR95	=	L	26	-	0	-	P	/	4



## 1WR95 Aqua foot without adapter for exoskeletal design

The 1WR95 Aqua foot without adapter is waterproof and intended for use in waterproof walking aids with an exoskeletal design.

### Key features

- The shape, the lattice-like tread on the sole and the special composition of the material provide excellent grip
- Natural foot shape with defined toes and a separate big toe



Max. 150 kg

### Scope of delivery

1WR95	Aqua foot without adapter for exoskeletal design	1	Piece(s)
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### Information material

647G634=ALL_INT	Instructions for use (qualified personnel)   1WR95
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### Technical data

<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-28 cm
<b>Weight</b>	559 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 0 mm
<b>Colour</b>	beige 4
<b>Build height</b>	85 mm*

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	Size	-	O	-	W	/	Colour
1WR95	=	L	26	-	0	-	W	/	4



## Accessories/spare parts for 1WR95 without adapter



### 2K34 Ankle block

Without threaded bushing, for 1WR95 without adapter, to be used on the left or right side.

#### Technical data

Article number	For foot sizes
2K34=30	26 – 30 cm



### 2Z22 Screw connection

The single component set is used for the screw connection between prosthetic feet and ankle blocks.

#### Technical data

Article number	for
2Z22=M10	1WR95 Aqua foot without adapter



## 2WR95 Tube adapters

The 2WR95 tube adapter is waterproof. It has four grooves in the pyramid receiver section, which ensure that the tube is flooded when setting foot in water. The prosthesis is prevented from becoming buoyant as a result.



Max. 150 kg



### Scope of delivery

2WR95	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Technical data

<b>Article number</b>	2WR95
<b>Diameter</b>	34 mm
<b>Material</b>	Titanium
<b>Min. system height</b>	77 mm
<b>Max. system height</b>	472 mm
<b>Min. build height</b>	27 mm
<b>Overall length</b>	454 mm
<b>Weight</b>	330 g
<b>Max. body weight</b>	150 kg

To achieve the full range of adjusting options for bench alignment of the waterproof walking aid using the 1WR95 Aqua foot with a 0 mm heel height, according to the Ottobock alignment recommendations, we recommend using the 2WR95=1 angled tube adapter. If needed, the 2WR95 tube adapter which is not angled may be used above the knee joint for transfemoral amputees.



## 2WR95=1 Tube adapter, angled

The 2WR95=1 tube adapter is waterproof. It is similar to the 2WR95 tube adapter but, in the interest of alignment optimisation, angled by 6° to achieve the full range of adjusting options for bench alignment of the waterproof walking aid using the 1WR95 Aqua foot with a 0-mm heel height, according to the Ottobock alignment recommendations.



Max. 150 kg



### Scope of delivery

2WR95=1	Tube adapter, angled	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Technical data

<b>Article number</b>	2WR95=1
<b>Diameter</b>	34 mm
<b>Material</b>	Titanium
<b>Min. system height</b>	78 mm
<b>Max. system height</b>	473 mm
<b>Min. build height</b>	27 mm
<b>Overall length</b>	455 mm
<b>Weight</b>	330 g
<b>Max. body weight</b>	150 kg

## Accessories/spare parts for 2WR95



### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



### 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

#### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



## 4WR95=3 Tube clamp adapter

The 4WR95=3 tube clamp adapter is waterproof. There are four grooves in the pyramid receiver section, which ensure that the adapter is flooded when setting foot in water. The prosthesis is prevented from becoming buoyant as a result.



### Scope of delivery

4WR95=3	Tube clamp adapter	1	Piece(s)
4X28=3	Plastic ring	1	Piece(s)
4Y423	Straight Pin	1	Piece(s)
4Y424	Cylinder pin with interior thread	1	Piece(s)
501T3=M5X25	Cap Screw	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
501T24=M5X25	Clamping screw, blue coated	1	Piece(s)

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4WR95=3	34 mm	Titanium	33 mm	49 mm	130 g	150 kg

## Accessories/spare parts for 4WR95=3



### 4X28 Plastic ring

4X28=3 plastic ring as a spare part for the 4R156 tube clamp adapter and 4WR95=3 waterproof tube clamp adapter.

#### Technical data

Article number
4X28=3



### 4Y423 Cylinder pin

#### Technical data

Article number
4Y423
4Y423=M6



### 4Y424 Cylinder pin with interior thread

#### Technical data

Article number
4Y424



## 501T3 Cap Screw

The 501T3=M3X25 galvanised cap screw is an accessory and spare part for various tube clamp adapters and lamination anchors.

### Technical data

Article number
501T3=M5X25



## 501T24 Clamping screw, blue coated

501T24 blue coated clamping screw as a spare part for the 4R119 lamination anchor and 4WR95 waterproof tube clamp adapter.

### Technical data

Article number	Length	Spare part for
501T24=M5X25	25 mm	4WR95=3

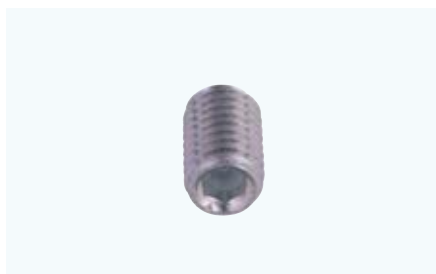


## 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



## 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



### 4WR95=2 Lamination anchor with pyramid, rotatable

The 4WR95=2 lamination anchor is laminated into a prosthetic socket and serves to connect the prosthetic socket to the distal prosthetic components. It is waterproof.



Max. 125 kg



**Scope of delivery**

4WR95=2	Lamination anchor with pyramid, rotatable	1	Piece(s)
507U16=5.2-NIRO	Rounded washer	1	Piece(s)
501T3=M5X25	Cap Screw	1	Piece(s)
501T24=M5X25	Clamping screw, blue coated	1	Piece(s)

**Technical data**

Article number	Material	System height	Build height	Weight	Max. body weight
4WR95=2	INOX stainless steel	2 mm	20 mm	165 g	125 kg

- Suitable only for use in transfemoral prostheses. The 4R117=T lamination anchor can, for example, be used for transtibial prostheses.
- Use the 4X46 lamination dummy when laminating. It must be ordered separately.



### 4WR95=1 Lamination anchor with pyramid receiver and angled arm, rotatable

The 4WR95=1 lamination anchor is laminated into a prosthetic socket. It has an angled anchor arm intended for posterior positioning. This allows for easy positioning of the adapter in order to achieve optimal prosthetic alignment. It is waterproof and takes the flexion position of the residual limb/socket into account.



Max. 150 kg



**Scope of delivery**

4WR95=1	Lamination anchor with pyramid receiver and angled arm	1	Piece(s)
507U16=5.2-NIRO	Rounded washer	1	Piece(s)
501T3=M5X25	Cap Screw	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)
501T24=M5X25	Clamping screw, blue coated	1	Piece(s)

**Technical data**

Article number	Material	System height	Build height	Weight	Max. body weight
4WR95=1	INOX stainless steel	44 mm	26 mm	165 g	150 kg

- Use the 4X46 Lamination Dummy when laminating. It must be ordered separately.

## Accessories/spare parts for 4WR95=2, 4WR95=1



### 4X46 Lamination dummy

The 4X46 lamination dummy should be used for laminating the lamination anchors.

**Technical data**

4X46	
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## 507U16 Rounded washer

507U16 rounded washer as a spare part for the 4R111, 4R116 and 4R119 lamination anchor and the 4WR95 waterproof tube clamp adapter.

### Technical data

Article number	Spare part for
507U16=5.2-NIRO	4WR95=1 4WR95=2



## 501T3 Cap Screw

The 501T3=M3X25 galvanised cap screw is an accessory and spare part for various tube clamp adapters and lamination anchors.

### Technical data

Article number
501T3=M5X25



## 501T24 Clamping screw, blue coated

501T24 blue coated clamping screw as a spare part for the 4R119 lamination anchor and 4WR95 waterproof tube clamp adapter.

### Technical data

Article number	Length	Spare part for
501T24=M5X25	25 mm	4WR95=1 4WR95=2

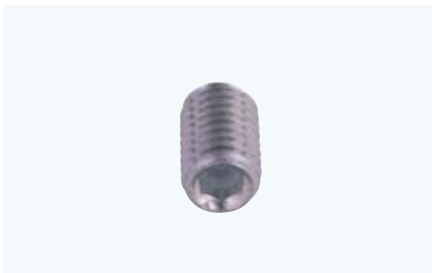


## 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



## 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



## 6A30 Shuttle lock, waterproof

The shuttle lock is used to secure the liner in the prosthetic socket. It is suitable for transfemoral and transtibial prostheses. The 6Y13=1 pin is included with this shuttle lock. All common liners with a distal connector can be used. The 6Y43 Skeo Pure silicone liner with no textile cover is recommended for the waterproof walking aid.

### Key features

- Waterproof and corrosion-resistant
- Lightweight plastic housing for use in bathing prostheses
- Ratchet unit easy to unlock, even under tensile load

### Technical data

<b>Article number</b>	<b>Build height</b>
6A30=20N	42 mm

### Scope of delivery

6A30=20N	Shuttle lock, waterproof	1	Piece(s)
6Y13=1	Pin for shuttle lock	1	Piece(s)

### Information material

647G1645=ALL_ INT	Instructions for use   6A30=20N Shuttle Lock
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## Accessories/spare parts for 6A30



## 6Y13 Pin for shuttle lock

The pin is a component of the shuttle lock and connects the shuttle lock to the liner. After being fully inserted into the shuttle lock, the pin is locked into place.

### Technical data

Article image	Article number	Length
	6Y13=1	49.5 mm
	6Y13=2	31 mm
	6Y13=L1	68.7 mm



## 6A52 Ratchet unit

This is a spare part for the 6A30=20N and 6A40 shuttle locks.

### Technical data

<b>Article number</b>
6A52=K



## 6A61 Plastic tab for 6A52

This is a spare part for the 6A20=10, 6A20=20, 6A30=10N, 6A30=20N and 6A40 shuttle locks.

### Technical data

<b>Article number</b>
6A61





## 5X120 Shuttle lock housing with bushing

The 5X108 dummy set is a spare part for the 6A30=20 product.

### Technical data

Article number
5X120



## 506G21 Grub screw

The 5X108 dummy set is a spare part for the 6A30=20 shuttle lock.

### Technical data

Article number
506G21=M4X10



## 5X108 Dummy set

This is a spare part for the 6A30=20N shuttle lock.

### Technical data

Article number
5X108



## 21Y2 QuickValve

The 21Y2 QuickValve is an expulsion valve and can be opened manually. It is intended for fabricating vacuum socket systems, for example in combination with a Skeo Sealing liner or all common TT liners without a distal connection in combination with a sealing sleeve.

Thanks to its M10 thread, the valve can be easily installed in the socket.

### Key features

- Wide range of applications in combination with a liner (TT, KD, TF)
- The valve can be opened easily by turning the valve cap with recessed grips
- When closing, a perceptible signal indicates that the valve is closed
- Easy to clean
- Protected against fresh, salt and chlorinated water

### Technical data

Article number	Air discharge	Outside Ø
21Y2=M10	Automatic	28 mm

### Information material

647G2026=ALL\_INT | Instructions for use | 21Y2

## Accessories/spare parts for 21Y2



## 21Z42 Valve cover QuickValve

The 21Z42 valve cover is a spare part for the 21Y2=M10 QuickValve.

### Technical data

Article number
21Z42=1



## 21Y14 PushValve

The PushValve is opened and closed by pressing together two wings. With its larger size, it is particularly suitable for users with limited finger mobility and for arm prosthesis wearers. The valve is compatible with all common liners without a distal connector and can also be used without a liner.

### Key features

- Waterproof
- Threadless valve for transfemoral prostheses
- Easier handling for users, in particular with limited finger mobility

### Technical data

Article number	Air discharge	For hole Ø
21Y14	Automatic	22 mm

### Scope of delivery

21Y14	PushValve	1	Piece
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### Information material

647G1560=ALL_INT	Instructions for use   21Y14, 21Y15
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## 21Y21 ClickValve

The ClickValve has a multi-option safety shackle that prevents loss of the upper valve part. The considerably reduced height and the outside diameter along with the unusual design ensure good cosmetic processing in the socket.

The valve is compatible with all common liners without a distal connector and can also be used without a liner.

### Key features

- Waterproof
- Threadless valve for transfemoral prostheses
- Multi-option safety shackle prevents loss of the upper valve part
- The “click” provides audible feedback for proper valve positioning
- Risk of haematoma is alleviated thanks to lateral air exhaust openings and a flush inside socket surface

### Technical data

Article number	Air discharge	For hole Ø
21Y21	Automatic	22 mm

### Scope of delivery

21Y21	ClickValve	1	Piece
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### Information material

647G678=ALL_INT	Instructions for use   21Y21 ClickValve
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## Accessories/spare parts for 21Y14, 21Y21



## 21Y222 Two-hole pin wrench

This is a service part for the valves with reference numbers 21Y12, 21Y14, 21Y15 and 21Y21.

### Technical data

Article number
21Y222



## 21Y230 ClickValve safety shackle

This is a spare part for the 21Y21 ClickValve.

### Technical data

Article number
21Y230



### 21Y21=B ClickValve base

This is a spare part for the 21Y21 ClickValve.

**Technical data**

**Article number**

21Y21=B



### 627F13 O-ring for ClickValve, black

This is a spare part for the 21Y21 ClickValve.

**Technical data**

**Article number**

627F13=24.5X3



### 627F13 O-ring for ClickValve upper valve part, blue

This is a spare part for the 21Y21 ClickValve.

**Technical data**

**Article number**

627F13=19X2



### 21Y21=T ClickValve valve top

This is a spare part for the 21Y21 ClickValve.

**Technical data**

**Article number**

21Y21=T



### 21Y14=S PushValve upper part

This is a spare part for the 21Y14 PushValve.

**Technical data**

**Article number**

21Y14=S



## 6Y41 Skeo Pure

The difference is clear. Thanks to its transparency, the Skeo Pure makes it easier to visually check the fit and skin condition, for example in case of interim fittings. The silky-smooth exterior dries quickly and makes it simple to put on and take off the prosthesis without donning spray.

The 6Y41 Skeo Pure (TT) can be combined with a valve.

### Technical data

Article number	Size	Wall thickness
6Y41=160	160 mm	3 mm
6Y41=180	180 mm	3 mm
6Y41=200	200 mm	3 mm
6Y41=220	220 mm	3 mm
6Y41=235	235 mm	3 mm
6Y41=250	250 mm	3 mm
6Y41=265	265 mm	3 mm
6Y41=280	280 mm	3 mm
6Y41=300	300 mm	3 mm
6Y41=320	320 mm	3 mm
6Y41=340	340 mm	3 mm
6Y41=360	360 mm	3 mm
6Y41=400	400 mm	3 mm
6Y41=160-6	160 mm	6 mm
6Y41=180-6	180 mm	6 mm
6Y41=200-6	200 mm	6 mm
6Y41=220-6	220 mm	6 mm
6Y41=235-6	235 mm	6 mm
6Y41=250-6	250 mm	6 mm
6Y41=265-6	265 mm	6 mm
6Y41=280-6	280 mm	6 mm
6Y41=300-6	300 mm	6 mm
6Y41=320-6	320 mm	6 mm
6Y41=340-6	340 mm	6 mm
6Y41=360-6	360 mm	6 mm
6Y41=400-6	400 mm	6 mm
<b>Amputation level</b>	Transtibial amputation	
<b>Material</b>	Silicone	
<b>Connection</b>	Without distal connection	
<b>Distal cushion</b>	13.5 mm	
<b>Textile cover</b>	without	
<b>Colour</b>	Transparent	
<b>Exterior coating</b>	with	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	without	
<b>Skinguard</b>	without	

### Scope of delivery

6Y41	Skeo Pure
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner



## 6Y43 Skeo Pure

The difference is clear. Thanks to its transparency, the Skeo Pure makes it easier to visually check the fit and skin condition, for example in case of interim fittings. The silky-smooth exterior dries quickly and makes it simple to put on and take off the prosthesis without donning spray.

The 6Y43 Skeo Pure can be combined with a shuttle lock.

### Technical data

Article number	Size
6Y43=120	120 mm
6Y43=140	140 mm
6Y43=160	160 mm
6Y43=180	180 mm
6Y43=200	200 mm
6Y43=210	210 mm
6Y43=220	220 mm
6Y43=235	235 mm
6Y43=250	250 mm
6Y43=265	265 mm
6Y43=280	280 mm
6Y43=300	300 mm
6Y43=320	320 mm
6Y43=340	340 mm
6Y43=360	360 mm
6Y43=380	380 mm
6Y43=400	400 mm
6Y43=420	420 mm
6Y43=450	450 mm
<b>Amputation level</b>	Transtibial amputation
<b>Material</b>	Silicone
<b>Connection</b>	With distal connection
<b>Distal cushion</b>	ca. 13.5 mm
<b>Wall thickness</b>	3 mm
<b>Textile cover</b>	without
<b>Colour</b>	Transparent
<b>Exterior coating</b>	with
<b>Socket design</b>	Specific weight-bearing socket
<b>Matrix</b>	10 cm length
<b>Skinguard</b>	without

### Scope of delivery

6Y43	Skeo Pure
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

**Scope of delivery**

6Y112	Skeo Sealing TT
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
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## 6Y112 Skeo Sealing TT

The 6Y112 Skeo Sealing TT liner offers transtibial amputees a high level of comfort. The sealing ring reliably retains the vacuum in the socket. Its silky-smooth surface with no textile cover simplifies cleaning and putting on and taking off the prosthesis.

**Key features**

- A sealing ring reliably retains the vacuum in the socket
- Integrated sealing ring for the entire lifetime
- Matrix for reduced elongation and good tissue management
- The inside of the liner is textured for a pleasant feeling on the skin
- Orientation aid on the inner side
- Silky-smooth outer coating for easier donning and doffing

**Technical data**

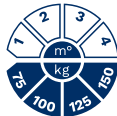
Article number	Circumference	Ring height
6Y112=160X80	160 mm	8 cm
6Y112=180X80	180 mm	8 cm
6Y112=200X80	200 mm	8 cm
6Y112=210X80	210 mm	8 cm
6Y112=220X80	220 mm	8 cm
6Y112=235X80	235 mm	8 cm
6Y112=250X80	250 mm	8 cm
6Y112=265X80	265 mm	8 cm
6Y112=280X80	280 mm	8 cm
6Y112=300X80	300 mm	8 cm
6Y112=320X80	320 mm	8 cm
6Y112=340X90	340 mm	9 cm
6Y112=360X90	360 mm	9 cm
6Y112=380X90	380 mm	9 cm
6Y112=400X90	400 mm	9 cm

<b>Material</b>	Silicone
<b>Connection</b>	Without distal connection
<b>Textile cover</b>	Without textile
<b>Colour</b>	Light grey
<b>Exterior coating</b>	with
<b>Matrix</b>	Continuous matrix
<b>Skinguard</b>	without



## 3WR95 Aqua knee

The waterproof, monocentric Aqua knee is compact, lightweight and equipped with miniature hydraulics and an integrated lock. Since safety is the top priority, mechanisms for standing securely are particularly important in wet areas. The 3WR95 Aqua knee is easy and straightforward to lock for activities in and around the water using the integrated locking mechanism.



Max. 150 kg



### Scope of delivery

3WR95	Aqua knee	1	Piece(s)
4G764	Adjusting tool	1	Piece(s)

### Information material

647G818=ALL_INT	Instructions for use   3WR95
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### Technical data

<b>Article number</b>	3WR95
<b>Max. body weight</b>	150 kg
<b>Weight</b>	400 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	135 °
<b>System height</b>	62 mm
<b>Proximal system height to alignment reference point</b>	6 mm
<b>Distal system height to alignment reference point</b>	56 mm
<b>Build height</b>	98 mm
<b>Proximal build height to alignment reference point</b>	24 mm
<b>Distal build height to alignment reference point</b>	74 mm





## 3R80 Knee joint, monocentric, with rotation hydraulics

The monocentric knee joint and its unique principle of rotation hydraulics allow users to closely approximate a physiological gait pattern, descend stairs step-over-step and walk down slopes. The 3R80 is a waterproof design for wet areas and is approved for a body weight of up to 150 kg.

### Key features

- Individual adaptation of stance and swing phase behaviour
- Flexion and extension resistance can be adjusted independently
- Waterproof design also permits use in wet areas, for example in the shower or at the pool
- Integrated manual lock



Max. 150 kg

### Scope of delivery

3R80	Knee joint, monocentric, with rotation hydraulics	1	Piece(s)
2R57/2R58	Tube Adapter, long, 34 mm, Titanium	1	Piece(s)
710H10	Adjustment aid	1	Piece(s)

### Technical data

Article image		
<b>Article number</b>	3R80	3R80=ST
<b>Max. body weight</b>	150 kg	150 kg
<b>Mobility grade</b>	3, 4	3, 4
<b>Weight</b>	1240 g	1255 g
<b>Proximal connection</b>	Pyramid	Threaded connector
<b>Distal connection</b>	Tube clamp Ø 34 mm	Tube clamp Ø 34 mm
<b>Knee flexion angle</b>	150 °	150 °
<b>System height</b>	163 mm	179 mm
<b>Proximal system height to alignment reference point</b>	28 mm	44 mm
<b>Distal system height to alignment reference point</b>	135 mm	135 mm
<b>Build height</b>	218 mm	216 mm
<b>Proximal build height to alignment reference point</b>	46 mm	44 mm
<b>Distal build height to alignment reference point</b>	172 mm	172 mm

## Accessories/spare parts for 3WR95, 3R80



### 4G764 Adjusting tool

This is a spare part for the 3R95 and 3WR95.

#### Technical data

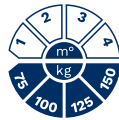
##### Article number

4G764



### 2R57/2R58 Tube adapters

The 2R57 and 2R58 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. The 2R57 and 2R58 are resistant to fresh, salt and chlorinated water.



Max. 150 kg

#### Scope of delivery

2R57/2R58	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

#### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R57	34 mm	Titanium	77 mm	282 mm	27 mm	264 mm	220 g	150 kg
2R58	34 mm	Titanium	77 mm	472 mm	27 mm	454 mm	330 g	150 kg

- In combination with the C-Leg knee joint, the maximum allowable body weight for this tube adapter is 136 kg.
- The 2R57 and 2R58 are suitable for use in water and damp conditions.

You will find additional waterproof products in the other chapters as well.





# Sports prostheses.



## 1E90 Sprinter

The 1E90 Sprinter is intended for athletes with a body weight of up to 125 kg and has proven itself in international competition as the sports foot of choice for outstanding performance.

### Key features

- Distinguished by its low weight
- The spring contour provides high propulsion and low resistance
- Available in different stiffness variants corresponding to the body weight of the user



Max. 125 kg

### Scope of delivery

1E90	Sprinter	1	Piece(s)
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### Information material

647G849=ALL_INT	Instructions for use   1E90* Sprinter
646D1563=ALL_INT	Quick reference guide   3S80 1E90 TF running prosthesis
647G1664=ALL_INT	Fitting Guide   4R208, 4R210 TT Sports Prosthesis

### Official supplier of



### Technical data

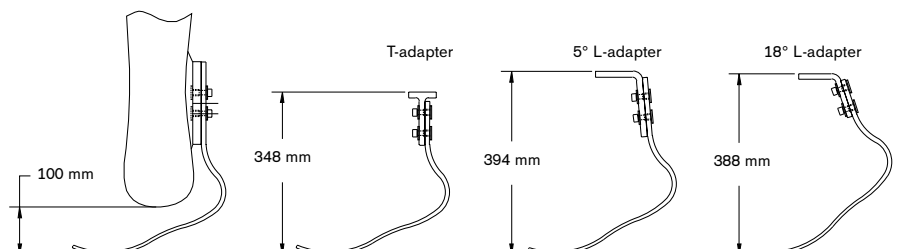
<b>Area of application</b>	Jogging and sprints
<b>Max. body weight</b>	125 kg
<b>Size</b>	Universal
<b>Weight</b>	550-675 g

### Stiffness chart

Stiffness version 1E90 Sprinter	Short-distance running	Long-distance running
	Body weight	Body weight
<b>SPR-1</b>	40 to 52 kg	40 to 59 kg
<b>SPR-2</b>	53 to 63 kg	60 to 70 kg
<b>SPR-3</b>	64 to 79 kg	71 to 86 kg
<b>SPR-4</b>	80 to 95 kg	87 to 102 kg
<b>SPR-5</b>	96 to 111 kg	103 to 118 kg

### Order example

<b>Reference number</b>	=	<b>SPR</b>	-	<b>Stiffness</b>	-	<b>S</b>	-	<b>N</b>
1E90	=	SPR	-	3	-	S	-	N



## Accessories/spare parts for 1E90



### Information material

647G981=ALL_INT	IFU for 4R212
647G1663=ALL_INT	Quick reference guide   4R212

### Consisting of product

4R212	TT test sport foot adapter
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### 4R212 TT test sport foot adapter

The 4R212 TT test sports foot adapter facilitates the alignment of a TT test sports prosthesis in connection with the user's everyday prosthetic socket, the 1E90 prosthetic foot and appropriate adapters. This lets the user gain initial experience with a sports prosthesis.



Max. 100 kg

### Technical data

Article number	Material	Weight	Max. body weight
4R212	Aluminium	885 g	100 kg

· Please order separately.



### Information material

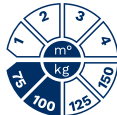
647G840=ALL_INT	Instructions for use   4R208, 4R210
647G1664=ALL_INT	Fitting Guide   4R208, 4R210 TT Sports Prosthesis

### 4R210 TT test sport foot adapter

The 4R210 TT test sports foot adapter may only be used for fitting purposes and helps select the appropriate 1E90 Sprinter model. The prosthetic foot is inserted into the adapter and can be moved vertically. This helps determine the appropriate height and length of the foot before shortening it accordingly.

### Key features

- The foot is inserted into the adapter and can be moved vertically
- A clamping mechanism allows the adapter to be secured and released again at various heights, which helps determine the appropriate height and length of the foot before shortening it accordingly



Max. 100 kg

### Technical data

Article number	Material	Weight	Max. body weight
4R210	Aluminium	385 g	100 kg

· Please order separately.

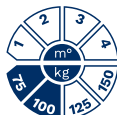


### Information material

647G840=ALL_INT	Instructions for use   4R208, 4R210
647G1664=ALL_INT	Fitting Guide   4R208, 4R210 TT Sports Prosthesis

### 4R208 TT definitive sports foot adapter

Once the right 1E90 Sprinter model has been selected and shortened to the definitive length and height, the 4R210 TT test sports foot adapter is replaced by the 4R208 TT definitive sports foot adapter in the definitive prosthesis.



Max. 100 kg

### Technical data

Article number	Material	Weight	Max. body weight
4R208	Aluminium	285 g	100 kg

· Please order separately.



## 4R420 Posterior connection plate (set)

The set can be used for direct lamination in transtibial prostheses.



Max. 125 kg

### Technical data

Article number	Max. body weight
4R420	125 kg

· Please order separately.



## 2R176 T adapter

The T-adapter can be used for direct lamination in transtibial prostheses.



Max. 125 kg

### Technical data

Article number	Max. body weight
2R176=T	125 kg

· Please order separately.



## 4R206 TF test sport foot adapter

The 4R206 TF test sports foot adapter in combination with an appropriate socket adapter (e.g. 4R77 or 4R51) connects the 1E90 Sprinter prosthetic sports foot to a prosthetic sports knee joint (e.g. 3S80). It may only be used for trial fitting purposes and helps select the appropriate 1E90 Sprinter model.

### Key features

- The foot is inserted into the adapter and can be moved vertically
- A clamping mechanism allows the adapter to be secured and released again at various heights, which helps determine the appropriate height and length of the foot before shortening it accordingly
- The horizontal offset of the socket adapter allows the foot to be displaced to the front or rear as needed; three different positions are possible

### Information material

647G839=ALL_INT	Instructions for use   4R204, 4R206
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Max. 100 kg

### Technical data

Article number	Material	System height	Weight	Max. body weight
4R206	Aluminium	2 mm	580 g	100 kg

· Please order separately.



## 4R204 TF definitive sports foot adapter

Once the right 1E90 Sprinter model has been selected and shortened to the definitive length and height, the 4R206 TF test sports foot adapter is replaced by the 4R204 TF definitive sports foot adapter in the definitive prosthesis.



Max. 100 kg

### Technical data

Article number	Material	System height	Weight	Max. body weight
4R204	Aluminium	2 mm	440 g	100 kg

· Please order separately.





## 2R177 L adapter

The L-adapter can be used in transfemoral prostheses and optionally in transtibial prostheses.



Max. 125 kg

### Technical data

Article number	Angle	Max. body weight
2R177=5	5 °	125 kg
2R177=18	18 °	125 kg

· Please order separately.



## 2Z500 Sprinter universal sole

The 2Z500 Sprinter universal sole with a running shoe tread is suitable for running on a variety of surfaces.

### Technical data

Article number
2Z500

· Please order separately.

### Information material

647G848=ALL_INT	Instructions for use   2Z500, 2Z501
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## 2Z501 Sprinter spike sole

The 2Z501 Sprinter spike sole is suitable for fast sprints and running on all-weather tracks.

### Technical data

Article number
2Z501

· Please order separately.

### Information material

647G848=ALL_INT	Instructions for use   2Z500, 2Z501
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## 2Z358 Safeguard sticker for 1E90 Sprinter

The safeguard stickers for the 1E90 are rubbery labels that can be applied to the carbon spring of the Sprinter foot to protect it against damage and signs of use caused by impacts. A quick start guide for applying the safeguard stickers is included in the scope of delivery.

### Technical data

Article number
2Z358

· Please order separately.



## 1E91 Runner

From relaxed jogging along forest trails to powerful sprints – the 1E91 Runner proves itself as an ideal running prosthesis for recreational and competitive athletes.

### Key features

- Features a resilient, lightweight carbon spring that delivers a high level of propulsion
- The dynamic response of the running prosthesis can be adapted to the individual needs of the user by moving the adapter along the carbon spring
- Both the trial fitting and treatment with the definitive prosthesis are especially straightforward thanks to flexible adjustment possibilities and the connection to the modular prosthesis solution
- Available in different stiffness variants corresponding to the body weight of the user
- Choice of two sole types (universal sole and spike sole)

### Scope of delivery

1E91	Runner	1	Piece(s)
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### Information material

647G1145=ALL_INT	Instructions for use   1E91, 1E93 Runner
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### Official supplier of



Max. 104 kg

### Technical data

<b>Area of application</b>	Jogging and sprints
<b>Max. body weight</b>	104 kg
<b>Size</b>	Universal
<b>Weight</b>	460 - 585 g
<b>Build height</b>	30 cm
<b>Build height, under load</b>	27 cm

The Runner is also available as a custom fabrication and can be ordered via 1E91=SPRCUSTOM with a shortened spring and/or extended forefoot. Please use the separate order form or contact Ottobock customer service.

### Stiffness chart

Body weight	Stiffness version for long-distance running	Stiffness version for sprint
40 to 50 kg	SPR-1	SPR-2
51 to 60 kg	SPR-2	SPR-3
61 to 72 kg	SPR-3	SPR-4
73 to 86 kg	SPR-4	SPR-5
87 to 104 kg	SPR-5	-

### Order example

<b>Reference number</b>	=	<b>SPR</b>	-	<b>Stiffness</b>	-	<b>S</b>	-	<b>N-6</b>
1E91	=	SPR	-	3	-	S	-	N-6

## Accessories/spare parts for 1E91

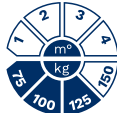


### Information material

647G1176=ALL\_INT Additional documentation | 4R216, 4R218, 4R224

### 4R218 Runner adapter with pyramid, rotatable

The pyramid of the 4R218=6 connection adapter can be rotated to any position and makes it easier to adjust the prosthesis to suit the user. Overall, the adapter stands out for its light weight and robustness.



Max. 125 kg



### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R218=6	Aluminium, Stainless steel	5 mm	23 mm	180 g	125 kg

· Please order separately.

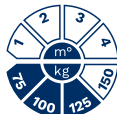


### Information material

647G1176=ALL\_INT Additional documentation | 4R216, 4R218, 4R224

### 4R216 Runner four-hole adapter

The 4R216=6 Runner four-hole adapter can be used in combination with a socket adapter with pyramid receiver (4R51 or 4R55). Among other things, it therefore permits a direct connection to the 3S80 knee joint with a low build height.



Max. 125 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R216=6	Aluminium	13 mm	31 mm	175 g	125 kg

· Please order separately.



### Information material

647G1177=ALL\_INT Additional documentation | 2Z540, 2Z541, 2Z543

### 2Z540 Runner universal sole

The 2Z540=6 Runner sole is a classic all-rounder for terrain such as asphalt, gym floors and nature trails.

### Technical data

Article number	Weight
2Z540=6	160 g

· Please order separately.



### Information material

647G1177=ALL\_INT Additional documentation | 2Z540, 2Z541, 2Z543

### 2Z541 Runner spike sole

The 2Z541=6 Runner spike sole is particularly suitable for fast sprinting or running on all-weather tracks.

### Technical data

Article number	Build height	Weight
2Z541=6	12 mm	135 g

· Please order separately.



## 1E93 Runner junior

The Runner junior is suitable for active children and adolescents who love sports and weigh up to 45 kg. In addition to participation in physical education, the Runner junior supports age-appropriate development and allows children to experience the joy of movement in their social environment.

### Key features

- Resilient, lightweight carbon spring providing children who love sports with a high level of propulsion
- Dynamic response and spring stiffness can be adjusted to individual requirements by sliding the adapter along the carbon spring
- Straightforward trial fitting and final fitting solutions thanks to flexible adjustment options and the option of connecting to the Ottobock modular system

### Technical data

<b>Max. body weight</b>	45 kg
<b>Size</b>	Universal
<b>Weight</b>	170-210 g
<b>Build height</b>	18.5 cm
<b>Build height, under load</b>	16 cm

### Scope of delivery

1E93	Runner junior	1	Piece(s)
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### Information material

647G1145=ALL_INT	Instructions for use   1E91, 1E93 Runner
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### Stiffness chart

Body weight	Stiffness version
15 to 20 kg	SPR-1
21 to 25 kg	SPR-2
26 to 30 kg	SPR-3
31 to 37 kg	SPR-4
38 to 45 kg	SPR-5

### Order example

Reference number	=	SPR	-	Stiffness	-	S	-	N-6
1E93	=	SPR	-	3	-	S	-	N-6

## Accessories/spare parts for 1E93



## 4R224 Runner junior adapter with pyramid, rotatable

The pyramid of the 4R224=6 connection adapter can be rotated to any position and makes it easier to adjust the prosthesis to suit the user. Overall, the adapter stands out for its light weight and robustness.



### Information material

647G1176=ALL_INT	Additional documentation   4R216, 4R218, 4R224
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### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R224=6	Aluminium, Stainless steel	3 mm	21 mm	175 g	45 kg

· Please order separately.



## 2Z543 Runner junior sole

The 2Z543=6 Runner junior universal sole provides an excellent grip, making it suitable for running on a variety of surfaces – from grass to asphalt.

### Technical data

Article number	Build height	Weight
2Z543=6	13 mm	90 g

· Please order separately.

### Information material

647G1177=ALL_INT	Additional documentation   2Z540, 2Z541, 2Z543
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## 1E95 Challenger

The Challenger was designed for everyone who participates in recreational sports while performing agile and powerful movements.

### Key features

- Suitable for various sports (such as tennis, basketball, jogging)
- Good shock absorption and high energy return
- Heel provides stability during standing and walking (base spring)
- Replaceable heel wedges for adaptable rollover characteristics
- Waterproof



Max. 110 kg

### Scope of delivery

1E95	Challenger	1	Piece(s)
2F95	Heel wedge set	1	Set
2Z95	Forefoot pad	1	Piece(s)
2C101	Footshell replacement tool, plastic	1	Piece(s)

### Information material

647G973=ALL_INT	Instructions for use   1E95 Challenger
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### Official supplier of



### Technical data

<b>Area of application</b>	Running, field and racket sports
<b>Max. body weight</b>	110 kg
<b>Side</b>	universal
<b>Size</b>	23-30 cm
<b>Weight</b>	785 g*
<b>Footshell shape</b>	No footshell is required, can only be used in the shoe, for a heel height of 10 +/- 5 mm
<b>System height with adapter</b>	156 mm
<b>Build height with adapter</b>	174 mm

\* Technical data refer to the size of 25/26 cm

### Stiffness chart

Foot size \ Body weight	Foot size							
	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
50 – 70 kg	2		2		2			
71 – 90 kg			3		3		3	
91 – 110 kg			4		4		4	

### Selection of heel wedges

Article number	Body weight	Heel wedge stiffness grades*
2F95=2330-2	50 – 70 kg	30 and 35
2F95=2330-3	71 – 110 kg	40 and 45

\*The smaller the figure, the softer the heel wedge.

### Order example

Reference number	=	Side	Size range	-	Stiffness	-	P	/	0
1E95	=	N	2526	-	3	-	P	/	0

## Accessories/spare parts for 1E95



### 2F95 Heel wedge set

The 2F95 heel wedge set contains two heel wedges tailored to the user's weight. An additional heel wedge set can be ordered if needed.

**Technical data**

Article number	Recommended for body weight	Stiffness
2F95=2330-2	50–70 kg	30, 35
2F95=2330-3	71–110 kg	40, 45

· Please order separately.



### 2Z95 Forefoot pad

The 2Z95 forefoot pad ensures a more secure hold in the sports shoe.

**Technical data**

Article number	Size
2Z95=2330	23–30 cm



### 2C101 Footshell replacement tool, plastic

The 2C101 shoehorn is a plastic tool for replacing the footshell on prosthetic feet. In addition to a grey marble look, the shoehorn has a hole to hang it up.

**Technical data**

Article number	Material
2C101	Plastic



## LP2-W2 Freestyle Swim

The Freestyle Swim was developed for users who enjoy swimming and prefer to swim with a prosthetic foot or also with flippers.

### Key features

- With the Freestyle Swim, users can walk comfortably to and from the swim area
- For swimming with flippers, only the button has to be pressed to achieve a high swimming speed, which reduces energy expenditure
- The ankle joint can be fixed in 0° or 70° plantar flexion
- The prosthetic foot supports the balancing of the body, enabling efficient swimming
- Protected against fresh, salt and chlorinated water



Max. 116 kg  
Size 22 to 31 cm

### Scope of delivery

LP2-W2	Freestyle Swim	1	Piece(s)
KIT-00-11*	Freestyle Swim heel wedges	1	Set
KIT-00-20000-00	Freestyle Swim ankle protector	1	Piece(s)
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G1711=ALL_INT	Instructions for use   LP2-W2 Freestyle Swim
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### Technical data

<b>Mobility grade</b>	2, 3, 4
<b>Max. body weight</b>	116 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-31 cm
<b>Footshell colour</b>	light L, middle M, dark D
<b>Weight with footshell</b>	860 g*
<b>Heel height</b>	10 mm
<b>Build height</b>	103 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Activity level		
	Low	Moderate	High
44 – 52 kg	1	1	2
53 – 59 kg	1	2	3
60 – 68 kg	2	3	4
69 – 77 kg	3	4	5
78 – 88 kg	4	5	6
89 – 100 kg	5	6	–
101 – 116 kg	6	–	–

#### 2 foot size

Stiffness	Foot size					
	1	2	3	4	5	6
22 cm						**
23 cm						**
24 cm						**
25 cm						**
26 cm	no restrictions					**
27 cm						**
28 cm						**
29 cm						**
30 cm						**
31 cm						**

\*\* Do not combine this configuration with a 3B5-2\* / 3B5-3\* Genium X3 for body weight > 100 kg

### Order example

Reference number foot	-	0	Stiffness	A	Size	-	RU
LP2-W2	-	0	4	A	26	-	RU

Reference number footshell	Size	Colour	4	-	R	Side
FTC-3C-1	26	L	4	-	R	L

## Accessories/spare parts for LP2-W2



### FTC-3C-1 Freestyle Swim footshell

The FTC-3C-1\* footshell is the standard protective cover for the Freestyle Swim prosthetic foot. It is available in the colours light, medium and dark.

#### Technical data

<b>Reference number</b>	FTC-3C-1
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-31 cm
<b>Colour</b>	light L, middle M, dark D

#### Scope of delivery

FTC-3C-1	Freestyle Swim footshell
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#### Information material

647G1733=ALL_INT	Instructions for use   FTC* Footshell
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#### Order example

Reference number	Size	Colour	4	-	R	Side
FTC-3C-1	26	L	4	-	R	L



### KIT-00-11\* Freestyle Swim heel wedges

The KIT-00-11\* heel wedge set contains two heel wedges that can be shortened manually to customise the heel stiffness for the user.

#### Technical data

Article number	Size
KIT-00-11100-00	22-25 cm
KIT-00-11300-00	26-28 cm
KIT-00-11500-00	29-31 cm



### KIT-00-20000-00 Freestyle Swim ankle protector

The KIT-00-2\* ankle protector is a cosmetic protective cover for the Freestyle Swim ankle to provide better protection against environmental influences such as salt water and sand.

#### Technical data

Article number	Side
KIT-00-20000-00	both sides



### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

Article number
SL=SPECTRA-SOCK-7





## 1E2/1E2=1 ProCarve prosthetic foot

The 1E2 ProCarve prosthetic sports foot is an outstanding solution for recreational and professional athletes with leg amputations. The foot offers functionality for skiing and snowboarding as well as other types of sports with similar movement patterns, such as wakeboarding or water skiing.

### Key features

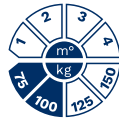
- The ProCarve foot can be used as an independent unit or in combination with the 3R2 ProCarve knee joint
- It is connected directly to the ski binding or combined with a shell designed specifically for snowboard boots
- The damping element – a combination of a pneumatic spring and a hydraulic unit – ensures a dynamic movement sequence; the individually adjustable air pressure controls the flexion movement, and the hydraulics dampen the extension movement
- The foot includes a high-performance, robust damping unit for controlling movement around the pivot point
- A second version of the foot (1E2=1) offers increased stiffness, which is most beneficial for advanced skiers with transtibial amputations
- Robust, low-wearing and waterproof

### Scope of delivery

1E2/1E2=1	ProCarve prosthetic foot	1	Piece(s)
4G901	Footshell	1	Piece(s)
4G115=1	Blocking clip ProCarve foot	1	Piece(s)
755Y68	High-pressure air pump	1	Piece(s)

### Information material

647G951=ALL_INT	Instructions for use   1E2, 3R2 ProCarve
647G953=ALL_INT	ProCarve quick reference guide



Max. 100 kg

### Technical data

<b>Area of application</b>	Downhill skiing, snowboarding as well as other types of sports with similar movement patterns, such as wakeboarding or water skiing
<b>Max. body weight</b>	100 kg
<b>Size</b>	One size
<b>Weight</b>	1550 g
<b>System height</b>	120 mm (with add-on part for ski binding), 103 mm (with footshell)

## Accessories/spare parts for 1E2



### 4G901 Footshell

Shaped for snowboard boots.

#### Technical data

<b>Article number</b>	
4G901	



### 4G115 Blocking clip ProCarve foot

Enables walking without spring action of the 1E2/1E2=1 ProCarve foot.

#### Technical data

<b>Article number</b>	<b>Spare part for</b>
4G115=1	1E2



## 755Y68 High-pressure air pump

For adjusting the air pressure.

### Technical data

Article number	Spare part for
755Y68	1E2 1E2=1 3R2



## 2Z503 Sole set

Similar to the standard ski boot soles for an improved grip while walking.

### Technical data

Article number	Spare part for
2Z503=1	1E2 1E2=1



## 3R2 ProCarve knee joint

The ProCarve is a monocentric sports knee joint made of aluminium and is ideal for both amateur and professional athletes with lower limb amputations. The knee and foot system with damping offers targeted, coordinated functionality for skiing, snowboarding and other sports with similar movement patterns such as wakeboarding or water skiing.

### Key features

- The ProCarve knee joint is equipped with a high-performance damping element for dynamic motion sequences
- The unlocking function makes sitting comfortable (e.g. on a ski lift)
- The damping element – a combination of a pneumatic spring and a hydraulic unit – ensures a dynamic movement sequence. The individually adjustable air pressure controls the flexion movement, and the hydraulics dampen the extension movement
- Together with the ProCarve foot component, this provides a targeted and coordinated system solution for users with a transfemoral amputation or knee disarticulation
- Robust, low-wearing and waterproof



Max. 100 kg

### Scope of delivery

3R2	ProCarve knee joint	1	Piece(s)
4G115	Locking clip for ProCarve knee joint	1	Piece(s)

### Information material

647G951=ALL_INT	Instructions for use   1E2, 3R2 ProCarve
647G953=ALL_INT	ProCarve quick reference guide

### Technical data

<b>Article number</b>	3R2
<b>Max. body weight</b>	100 kg
<b>Weight</b>	2150 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Flexion angle (unlocked)</b>	80 °
<b>Flexion angle (locked)</b>	67 °
<b>System height</b>	241 mm
<b>Proximal system height to alignment reference point</b>	34 mm
<b>Distal system height to alignment reference point</b>	207 mm
<b>Build height</b>	277 mm
<b>Proximal build height to alignment reference point</b>	52 mm
<b>Distal build height to alignment reference point</b>	225 mm

## Accessories/spare parts for 3R2



### 4G115 Locking clip for ProCarve knee joint

Enables walking without spring action of the 3R2 ProCarve prosthetic knee joint.

### Technical data

<b>Article number</b>	<b>Spare part for</b>
4G115	3R2



## 3S80 Sport knee joint

The patented principle of rotation hydraulics already familiar from the 3R80 prosthetic knee joint is also used in a modified form in the 3S80 Sport. The rotation hydraulics in the 3S80=1 product variant contain oil with a lower viscosity than the standard 3S80 product variant. Due to its lower oil viscosity, the 3S80=1 is particularly well suited for applications demanding maximum ease of movement in the swing phase, for example sport prostheses for children or prostheses used for sprinting.

### Key features

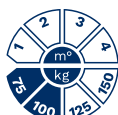
- Optimal swing phase control for running
- Extension damping throughout the entire extension movement ensures harmonious extension even at high stride rates
- Flexion and extension damping can be adjusted separately and individually
- Larger flexion angle for jogging and sprinting is precisely controlled by flexion damping
- Manual lock

### Scope of delivery

3S80	Sport knee joint	1	Piece(s)
710H10=2X3	Adjustment aid	1	Piece(s)

### Information material

647G813=ALL_INT	Instructions for use   3S80, 3S80=1
646D1563=ALL_INT	Quick reference guide   3S80 1E90 TF running prosthesis



Max. 100 kg

### Technical data

Article number	3S80	3S80=1
Max. body weight	100 kg	100 kg
Weight	682 g	682 g
Proximal connection	Pyramid	Pyramid
Distal connection	Pyramid	Pyramid
Range	135 °	135 °
System height	48 mm	48 mm
Proximal system height to alignment reference point	28 mm	28 mm
Distal system height to alignment reference point	20 mm	20 mm
Build height	84 mm	84 mm
Proximal build height to alignment reference point	46 mm	46 mm
Distal build height to alignment reference point	38 mm	38 mm

### Official supplier of



**Information material**

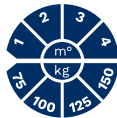
647G1789=ALL\_INT | Instructions for use | 4R11

## 4R11 Quickchange

With the 4R11 Quickchange adapter, amputees can remove their distal prosthetic components from the socket by themselves when needed, in just one step. This makes dressing and undressing easier and sitting more comfortable. In addition, a fitting with various prosthetic feet or knee-foot combinations is possible.

**Key features**

- Base element with locking mechanism
- Four different connection options
- Simple locking mechanism
- Also suitable for children
- Protected against fresh, salt and chlorinated water



Max. 150 kg

**Technical data**

Article image				
<b>Build height</b>	44 mm	55 mm	41 mm	41 mm
<b>Weight</b>	370 g	370 g	330 g	325 g
<b>Connection</b>	Pyramid/pyramid receiver	Pyramid receiver/pyramid receiver	Thread/pyramid receiver	Thread for modular system for children/pyramid receiver
<b>Mobility grade</b>	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4
<b>Max. body weight</b>	150 kg	150 kg	150 kg	45 kg
<b>Max. body weight (high activity)</b>	125 kg	125 kg	125 kg	45 kg
<b>User group</b>	adults, children	adults, children	adults, children	adults, children
<b>Activities</b>	Daily use, Sports	Daily use, Sports	Daily use, Sports	Daily use, Sports
<b>Moisture resistance</b>	waterproof	waterproof	waterproof	waterproof
<b>Material</b>	Titanium, Stainless steel	Titanium, Stainless steel	Titanium, Stainless steel	Titanium, Stainless steel

- A set always consists of a base element and a connector. Please consider in advance which additional connections and components you need for the entire prosthetic fitting.
- All parts are available separately as accessories and spare parts.

## Components of 4R11



### 4R11 Quickchange

Connecting element with pyramid.

**Technical data**

<b>Article number</b>	4R11=P-1-1
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### 4R11 Quickchange

Connecting element with pyramid receiver.

**Technical data**

<b>Article number</b>	4R11=R-1-1
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# Components of 4R11



## 4R11 Quickchange

Base element with pyramid receiver.

### Technical data

Article number	4R11=R-3-2
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## 4R11 Quickchange

Connecting element with thread.

### Technical data

Article number	4R11=ST-1-1
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## 4R11 Quickchange

Connecting element with thread for modular system for children.

### Technical data

Article number	4R11=ST-2-1
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## Accessories/spare parts for 4R11



### 4X907 Reducer pyramid receiver

With the 4X907=1, the pyramid receiver of the base element can be reduced so that the Quickchange adapter can also be used with the modular system for children.

#### Technical data

Article number
4X907=1

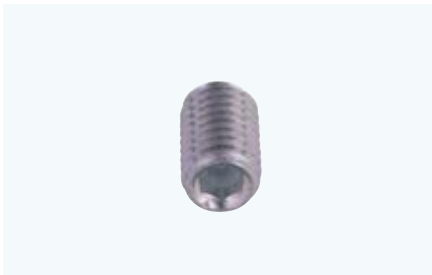


### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



### 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

#### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm

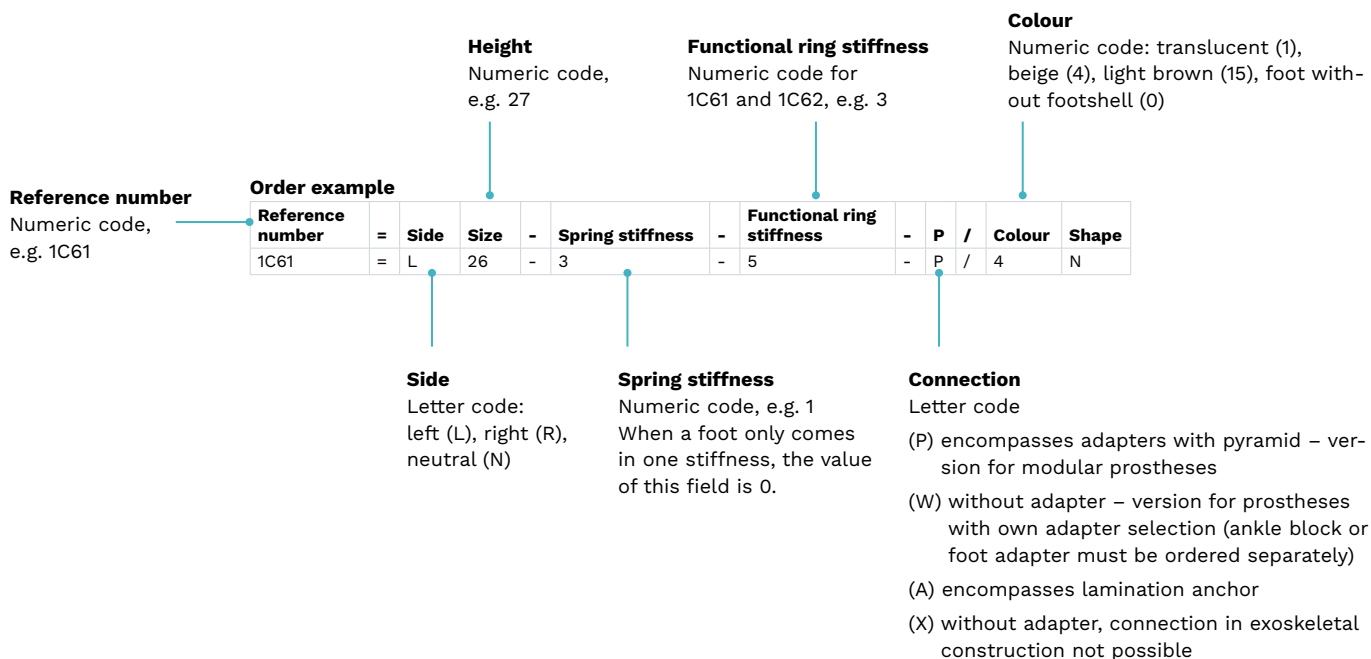




# Prosthetic feet.

**Article number structure for Ottobock prosthetic feet**

The article number structure was established to facilitate the unambiguous ordering of prosthetic feet in the different versions. For prosthetic feet offered in various colours or versions, additional codes specify those characteristics.



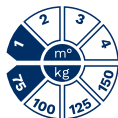


## 1G6 Lightweight cosmetic foot

The 1G6 lightweight cosmetic foot was specially designed for users who are less active. It is appropriate for all amputation levels in the treatment of geriatric patients.

### Key features

- Lightweight
- Secure heel strike
- Natural shape with a smooth surface and a separate big toe



Max. 75 kg

### Scope of delivery

1G6	Lightweight cosmetic foot
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### Information material

647G448=ALL_INT	Instructions for use   1G6
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### Technical data

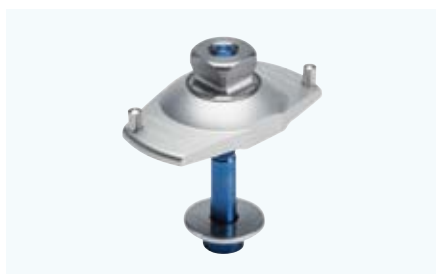
<b>Mobility grade</b>	1
<b>Max. body weight</b>	75 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	23-27 cm
<b>Weight (without adapter)</b>	330 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	Size
1G6	=	L	26

## Accessories/spare parts for 1G6



## 2R54 Foot adapter with screw connection, aluminium

The 2R54 foot adapter made of aluminium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 100 kg

### Scope of delivery

2D7=M8	Screw connection foot adapter 2R31=M8, 2R54=M8
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R54=M8	100 kg	70 g



## 2R31 Foot adapter with screw connection, titanium

The 2R31 foot adapter made of titanium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 100 kg

### Scope of delivery

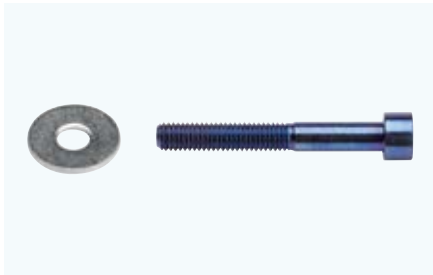
2D7=M8	Screw connection foot adapter 2R31=M8, 2R54=M8
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R31=M8	100 kg	65 g



## 2D7 Screw connection foot adapter 2R31=M8, 2R54=M8

The spare parts set is used for the screw connection of the 2R31 and 2R54 foot adapters with the corresponding prosthetic feet.

### Technical data

Article number	Spare part for
2D7=M8	2R31=M8 2R54=M8



## 2R14 Connection plate for 2R54, 2R31, 2R8

The 2R14 connection plate facilitates the fabrication of cosmetic prostheses and forms the transition from the foam cover to the adapter. It is bonded to the foam cover and then pressed onto the adapter.

### Technical data

Article number
2R14



## 1H38 Single-axis foot with toes

In combination with the single-axis joint, the 1H38 single-axis foot with 10 mm heel height allows the user to achieve a secure stance quickly. It is only suitable for transfemoral prostheses.

### Key features

- Natural shape with smooth surface and defined toes



Max. 100 kg

### Scope of delivery

1H38	Single-axis foot with toes	1	Piece(s)
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### Information material

647G45=ALL_INT	Instructions for use   1H38, 1H40
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### Technical data

<b>Mobility grade</b>	1
<b>Max. body weight</b>	100 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-28 cm
<b>Weight (without adapter)</b>	Approx. 365 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige
<b>System height with 2R51</b>	50 mm*
<b>System height with 2R33/2R10</b>	46 mm*
<b>Einbauhöhe mit 2R51</b>	68 mm*
<b>Einbauhöhe mit 2R33/2R10</b>	64 mm*

\* Technical data refer to the size of 26 cm

- For the 1H38 in size 21 cm, please use the available options for size 22 cm.

### Order example

Reference number	=	Side	Size
1H38	=	L	26



## 1H40 Single-axis foot with toes

In combination with the single-axis joint, the 1H40 single-axis foot with 25 mm heel height allows the user to achieve a secure stance quickly. It is only suitable for transfemoral prostheses.

### Key features

- Natural shape with smooth surface and defined toes



Max. 100 kg

### Scope of delivery

1H40	Single-axis foot with toes	1	Piece(s)
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### Information material

647G45=ALL_INT	Instructions for use   1H38, 1H40
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### Technical data

<b>Mobility grade</b>	1
<b>Max. body weight</b>	100 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-29 cm
<b>Weight (without adapter)</b>	Approx. 400 g*
<b>Foot shape</b>	Normal shape for a heel height of 25 +/- 5 mm
<b>Colour</b>	beige
<b>System height with 2R51</b>	50 mm*
<b>System height with 2R33/2R10</b>	46 mm*
<b>Einbauhöhe mit 2R51</b>	68 mm*
<b>Einbauhöhe mit 2R33/2R10</b>	64 mm*

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	Size
1H40	=	L	26

## Accessories/spare parts for 1H38, 1H40



### Information material

647G1630=ALL\_INT Instructions for use | 2R10, 2R33, 2R51

### 2R51 Single-axis foot adapter with screw connection

The 2R51 single-axis foot adapter made of aluminium connects a single-axis prosthetic foot to the distal connector of a modular prosthesis.



Max. 100 kg

### Technical data

Article number	Size	Max. body weight	Weight
2R51=22-25	22 - 25 cm	100 kg	230 g
2R51=26-27	26 - 27 cm	100 kg	235 g

- System height already taken into consideration with the foot.
- When using the 2R51 in combination with the 1H\* prosthetic feet, please order the 2S88 dorsal stop set in addition.
- Please order separately.



### Information material

647G1630=ALL\_INT Instructions for use | 2R10, 2R33, 2R51

### 2R33 Single-axis foot adapter with screw connection

The 2R33 single-axis foot adapter made of titanium connects a single-axis prosthetic foot to the distal connector of a modular prosthesis.



Max. 100 kg

### Technical data

Article number	Size	Max. body weight	Weight
2R33=22-25	22 - 25 cm	100 kg	200 g
2R33=26-30	26 - 30 cm	100 kg	210 g

- System height already taken into consideration with the foot.



### Information material

647G1630=ALL\_INT Instructions for use | 2R10, 2R33, 2R51

### 2R10 Single-axis foot adapter with screw connection

The 2R10 single-axis foot adapter made of steel connects a single-axis prosthetic foot to the distal connector of a modular prosthesis.



Max. 100 kg

### Technical data

Article number	Size	Max. body weight	Weight
2R10=22-25	22 - 25 cm	100 kg	325 g
2R10=26-30	26 - 30 cm	100 kg	340 g

- System height already taken into consideration with the foot.



## 2S88 Dorsal stop set

The 2S88 dorsal stop set is required for prostheses with the 2R51 single-axis foot adapter. It permits flexible dorsal movement and consists of a hard and a soft blank.

### Technical data

Article number	Size range
2S88=22-23	22-23 cm
2S88=24-25	24-25 cm
2S88=26-27	26-27 cm

· Please order separately.



## 2R22 Connection cap

The 2R22 connection cap facilitates the cosmetic covering of the 1H\* single-axis feet. It is bonded to the foam cover then pressed onto the apron of the foot.

### Technical data

Article number	2R22=*
Size	22-30 cm



## 2D5 Single component pack for single-axis feet

The 2D5 spare parts pack consists of spare parts for the screw connection of the single-axis feet.

### Technical data

Article number	Spare part for
2D5	2R10=22-25
	2R33=22-25
	2R51=22-25
	2R10=26-30
	2R33=26-30
	2R51=26-27



**Scope of delivery**

1S90	SACH foot	1	Piece(s)
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**Information material**

647G355=ALL_INT	Instructions for use   1S49, 1S66, 1S67, 1S90 SACH
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## 1S90 SACH foot

With its functional properties, the 1S90 SACH foot has proven itself for users in mobility grades 1–2 with a body weight of up to 125 kg.

**Key features**

- The functional properties are achieved through the combination of a contoured wooden core and functional foam
- Natural-looking standard foot shape, smooth surface, defined toes and a separate big toe



Max. 100 kg  
Size 22 to 25 cm



Max. 125 kg  
Size 26 to 28 cm

**Technical data**

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-28 cm
<b>Weight (without adapter)</b>	460 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige 4
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

\* Technical data refer to the size of 26 cm

**Order example**

Reference number	=	Side	Size	-	0	-	W	/	Colour
1S90	=	L	26	-	0	-	W	/	4



**Scope of delivery**

1S49	SACH foot	1	Piece(s)
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**Information material**

647G355=ALL_INT	Instructions for use   1S49, 1S66, 1S67, 1S90 SACH
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## 1S49 SACH foot

The 1S49 SACH foot has a heel height of about 10 mm. The functional properties are achieved through the proven combination of a contoured core and functional foam.

**Key features**

- Natural-looking standard foot shape with a smooth surface and defined toes



Max. 100 kg  
Size 21 to 25 cm



Max. 125 kg  
Size 26 to 28 cm

**Technical data**

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	125 kg
<b>Size</b>	21-28 cm
<b>Side</b>	left (L), right (R)
<b>Weight (without adapter)</b>	475 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

\* Technical data refer to the size of 26 cm

**Order example**

Reference number	=	Side	Size
1S49	=	L	26





## 1S66 SACH foot

The 1S66 SACH foot has a heel height of about 18 mm. The functional properties are achieved through the proven combination of a contoured core and functional foam.

### Key features

- Natural-looking standard foot shape with a smooth surface and defined toes



Max. 100 kg  
Size 22 to 25 cm



Max. 125 kg  
Size 26 to 30 cm

### Scope of delivery

1S66	SACH foot	1	Piece(s)
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### Information material

647G355=ALL_INT	Instructions for use   1S49, 1S66, 1S67, 1S90 SACH
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### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without adapter)</b>	485 g*
<b>Foot shape</b>	Normal shape for a heel height of 18 +/- 5 mm
<b>Colour</b>	beige
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

\* Technical data refer to the size of 26 cm

### Order example

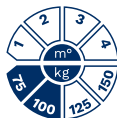
Reference number	=	Side	Size
1S66	=	L	26

## Accessories/spare parts for 1S90, 1S49, 1S66



## 2R54 Foot adapter with screw connection, aluminium

The 2R54 foot adapter made of aluminium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 100 kg

### Scope of delivery

2D7=M10	Screw connection foot adapter 2R31=M10, 2R54=M10
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R54=M10	100 kg	80 g



## 2R31 Foot adapter with screw connection, titanium

The 2R31 foot adapter made of titanium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 125 kg

### Scope of delivery

2D7=M10	Screw connection foot adapter 2R31=M10, 2R54=M10
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R31=M10	136 kg	70 g



## 2R8 Foot adapter with screw connection, steel

The 2R8 foot adapter made of steel connects the SACH, SACH+ and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 125 kg

### Scope of delivery

2D6=M10	Screw connection foot adapter 2R8=M10
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R8=M10	125 kg	125 g



## 2D6 Screw connection foot adapter 2R8=M10

The 2D6 spare parts pack consists of spare parts for the screw connection of the 2R40 and 2R8 foot adapters.

### Technical data

Article number	Spare part for	Scope of delivery
2D6=M10	2R8=M10	1 cap screw (steel) 1 hexagon socket head 1 washer



## 2D7 Screw connection foot adapter 2R31=M10, 2R54=M10

The spare parts set is used for the screw connection of the 2R31 and 2R54 foot adapters with the corresponding prosthetic feet.

### Technical data

Article number	Spare part for
2D7=M10	2R31=M10 2R54=M10



## 2R14 Connection plate for 2R54, 2R31, 2R8

The 2R14 connection plate facilitates the fabrication of cosmetic prostheses and forms the transition from the foam cover to the adapter. It is bonded to the foam cover and then pressed onto the adapter.

### Technical data

Article number
2R14



## 1S101 SACH+ foot

The 1S101 SACH+ foot is suitable for users in mobility grades 1–2 with a body weight of up to 125 kg. It has a heel height of 10 +/- 5 mm.

### Key features

- Natural-looking standard foot shape, smooth surface, defined toes and a separate big toe
- Robust and durable design
- Waterproof
- Easier to clean thanks to the smooth surface



Max. 80 kg  
Size 22–23 cm



Max. 100 kg  
Size 24 to 25 cm



Max. 125 kg  
Size 26 to 30 cm

### Scope of delivery

1S101	SACH+ foot	1	Piece(s)
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### Information material

647G762=ALL_INT	Instructions for use   1S101 SACH+
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### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22–30 cm
<b>Weight (without adapter)</b>	590 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

\* Technical data refer to the size of 26 cm

### Order example

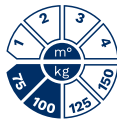
<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>0</b>	-	<b>W</b>	/	<b>Colour</b>
1S101	=	L	26	-	0	-	W	/	4

## Accessories/spare parts for 1S101



## 2R54 Foot adapter with screw connection, aluminium

The 2R54 foot adapter made of aluminium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 100 kg

### Scope of delivery

2D7=M10	Screw connection foot adapter
	2R31=M10, 2R54=M10

### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

<b>Article number</b>	<b>Max. body weight</b>	<b>Weight</b>
2R54=M10	100 kg	80 g



## 2R31 Foot adapter with screw connection, titanium

The 2R31 foot adapter made of titanium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 125 kg

### Scope of delivery

2D7=M10	Screw connection foot adapter 2R31=M10, 2R54=M10
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R31=M10	136 kg	70 g



## 2R8 Foot adapter with screw connection, steel

The 2R8 foot adapter made of steel connects the SACH, SACH+ and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 125 kg

### Scope of delivery

2D6=M10	Screw connection foot adapter 2R8=M10
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R8=M10	125 kg	125 g



## 2D6 Screw connection foot adapter 2R8=M10

The 2D6 spare parts pack consists of spare parts for the screw connection of the 2R40 and 2R8 foot adapters.

### Technical data

Article number	Spare part for	Scope of delivery
2D6=M10	2R8=M10	1 cap screw (steel) 1 hexagon socket head 1 washer



## 2D7 Screw connection foot adapter 2R31=M10, 2R54=M10

The spare parts set is used for the screw connection of the 2R31 and 2R54 foot adapters with the corresponding prosthetic feet.

### Technical data

Article number	Spare part for
2D7=M10	2R31=M10 2R54=M10



## 2R14 Connection plate for 2R54, 2R31, 2R8

The 2R14 connection plate facilitates the fabrication of cosmetic prostheses and forms the transition from the foam cover to the adapter. It is bonded to the foam cover and then pressed onto the adapter.

### Technical data

Article number
2R14



## 1D10 Dynamic foot without adapter

The 1D10 dynamic foot without adapter is identical to the version with adapter from a functional and cosmetic perspective. This prosthetic foot permits good forefoot dynamics for users in mobility grades 1–2 and is designed for use in modular prostheses.

### Key features

- Functional properties are achieved through the proven combination of a contoured core and functional foam
- Comfortable heel strike and easier rollover
- Natural shape with a separate big toe
- Normal foot shape



Max. 125 kg  
Size 22 to 30 cm

### Scope of delivery

1D10	Dynamic foot without adapter	1	Piece(s)
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### Information material

647G356=ALL_INT	Instructions for use   1D10, 1D11
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### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22–30 cm
<b>Weight (without adapter)</b>	470 g*
<b>Colour</b>	beige 4, light brown 15
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

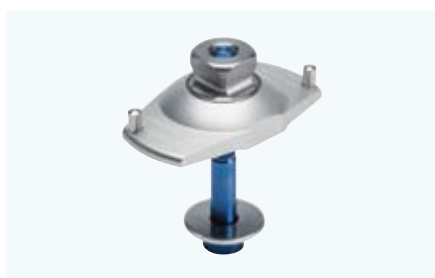
\* Technical data refer to the size of 26 cm

- This foot can be equipped with a custom silicone cover.

### Order example

Reference number	=	Side	Size	-	0	-	W	/	Colour
1D10	=	L	26	-	0	-	W	/	4

## Accessories/spare parts for 1D10 without adapter



## 2R54 Foot adapter with screw connection, aluminium

The 2R54 foot adapter made of aluminium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 100 kg

### Scope of delivery

2D7=M10	Screw connection foot adapter 2R31=M10, 2R54=M10
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### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Max. body weight	Weight
2R54=M10	100 kg	80 g



## 2R31 Foot adapter with screw connection, titanium

The 2R31 foot adapter made of titanium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 125 kg

### Scope of delivery

2D7=M10 Screw connection foot adapter  
2R31=M10, 2R54=M10

### Information material

647G5=ALL\_INT Instructions for use | 2R8\*,  
2R31\*, 2R54\*

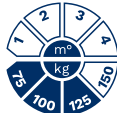
### Technical data

Article number	Max. body weight	Weight
2R31=M10	136 kg	70 g



## 2R8 Foot adapter with screw connection, steel

The 2R8 foot adapter made of steel connects the SACH, SACH+ and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 125 kg

### Scope of delivery

2D6=M10 Screw connection foot adapter  
2R8=M10

### Information material

647G5=ALL\_INT Instructions for use | 2R8\*,  
2R31\*, 2R54\*

### Technical data

Article number	Max. body weight	Weight
2R8=M10	125 kg	125 g



## 2D6 Screw connection foot adapter 2R8=M10

The 2D6 spare parts pack consists of spare parts for the screw connection of the 2R40 and 2R8 foot adapters.

### Technical data

Article number	Spare part for	Scope of delivery
2D6=M10	2R8=M10	1 cap screw (steel) 1 hexagon socket head 1 washer



## 2D7 Screw connection foot adapter 2R31=M10, 2R54=M10

The spare parts set is used for the screw connection of the 2R31 and 2R54 foot adapters with the corresponding prosthetic feet.

### Technical data

Article number	Spare part for
2D7=M10	2R31=M10 2R54=M10



## 88A20 Custom silicone covers for the lower limbs



For many users, a natural outward appearance is just as important as the functional benefits of a prosthesis. With high-end, custom-made silicone covers for leg prostheses, Ottobock gives you the opportunity to make this dream come true for your users. The Ottobock iFab acts as your extended workbench for the fabrication of aesthetically pleasing silicone covers, as they are made to your precise and individual specifications – quickly, reliably and in the highest quality.

### Information material

647F666=EN_MASTER	Order form   Lower limb silicone cover
647F285=GB	Technician brochure   Colour determination

You will find further information on custom silicone covers for the lower limbs in the “Prosthesis covers” section.

### Technical data

Article image	Article number	Description	Product features
	88A20=C	Custom silicone covers “Classic” for the lower limbs	<ul style="list-style-type: none"> <li>- Anatomical shape</li> <li>- Custom silicone cover in two to three colours</li> <li>- Anatomical surface structure</li> <li>- Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A20=N	Custom silicone covers “Natural” for the lower limbs	<ul style="list-style-type: none"> <li>- Anatomical shape</li> <li>- Custom silicone cover in 8-10 colours</li> <li>- Anatomical surface structure</li> <li>- Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

- With jointless feet (e.g. 1D10, 1D35), a small gap can be modelled next to the big toe (big toe separation). This makes it possible to wear flip-flops with the prosthesis.
- For the “Natural” variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- Suitable for all Triton prosthetic feet except the 1C68 Triton side flex.



## 1D10 Dynamic foot with adapter

The 1D10 Dynamic foot is a prosthetic foot with good forefoot dynamics for users in mobility grades 1–2. The foot comes with an assembled titanium adapter and is approved for a body weight of up to 150 kg.

### Key features

- Functional properties are achieved through the proven combination of a contoured core and functional foam
- Comfortable heel strike and easier rollover
- Natural shape with a separate big toe
- Normal foot shape



Max. 150 kg  
Size 22 to 30 cm

### Scope of delivery

1D10	Dynamic foot with adapter	1	Piece(s)
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### Information material

647G356=ALL_INT	Instructions for use   1D10, 1D11
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### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22–30 cm
<b>Weight</b>	565 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

\* Technical data refer to the size of 26 cm

• This foot can be equipped with a custom silicone cover.

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>0</b>	-	<b>P</b>	/	<b>Colour</b>
1D10	=	L	26	-	0	-	P	/	4

## Accessories/spare parts for 1D10 with adapter



## 88A20 Custom silicone covers for the lower limbs

For many users, a natural outward appearance is just as important as the functional benefits of a prosthesis. With high-end, custom-made silicone covers for leg prostheses, Ottobock gives you the opportunity to make this dream come true for your users. The Ottobock iFab acts as your extended workbench for the fabrication of aesthetically pleasing silicone covers, as they are made to your precise and individual specifications – quickly, reliably and in the highest quality.

### Information material

647F666=EN_MASTER	Order form   Lower limb silicone cover
647F285=GB	Technician brochure   Colour determination

You will find further information on custom silicone covers for the lower limbs in the “Prosthesis covers” section.

### Technical data

Article image	Article number	Description	Product features
	88A20=C	Custom silicone covers “Classic” for the lower limbs	<ul style="list-style-type: none"> <li>• Anatomical shape</li> <li>• Custom silicone cover in two to three colours</li> <li>• Anatomical surface structure</li> <li>• Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A20=N	Custom silicone covers “Natural” for the lower limbs	<ul style="list-style-type: none"> <li>• Anatomical shape</li> <li>• Custom silicone cover in 8-10 colours</li> <li>• Anatomical surface structure</li> <li>• Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

- With jointless feet (e.g. 1D10, 1D35), a small gap can be modelled next to the big toe (big toe separation). This makes it possible to wear flip-flops with the prosthesis.
- For the “Natural” variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- Suitable for all Triton prosthetic feet except the 1C68 Triton side flex.





## 1D11 Dynamic foot

The 1D11 Dynamic foot is an especially slim prosthetic foot with good forefoot dynamics for users in mobility grades 1–2. It was designed for use in modular prostheses.

### Key features

- Functional properties are achieved through the proven combination of a contoured core and functional foam
- Comfortable heel strike and easier rollover
- Natural shape with a separate big toe
- Slim foot shape, particularly suitable for women's or narrow men's shoes



Max. 100 kg  
Size 22 to 25 cm



Max. 125 kg  
Size 26 to 28 cm

### Scope of delivery

1D11	Dynamic foot	1	Piece(s)
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### Information material

647G356=ALL_INT	Instructions for use   1D10, 1D11
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### Technical data

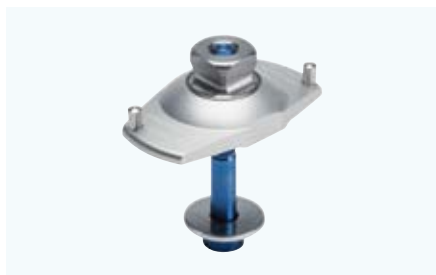
<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-28 cm
<b>Weight (without adapter)</b>	435 g*
<b>Foot shape</b>	Slim shape for a heel height of 20 +/- 5 mm
<b>Colour</b>	Beige
<b>System height with adapter</b>	67 mm*
<b>Build height with adapter</b>	85 mm*

\* Technical data refer to the size of 26 cm

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>
1D11	=	L	26

## Accessories/spare parts für 1D11



## 2R54 Foot adapter with screw connection, aluminium

The 2R54 foot adapter made of aluminium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.



Max. 100 kg

### Information material

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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### Technical data

Article number	Accessory for	Max. body weight	Weight
2R54=M8	1D11=L22 1D11=L23 1D11=L24 1D11=L25 1D11=R22 1D11=R23 1D11=R24 1D11=R25	100 kg	70 g
2R54=M10	1D11=R26 1D11=R27 1D11=R28 1D11=L26 1D11=L27 1D11=L28	100 kg	80 g

- System height already taken into consideration with the foot.
- 636W28 Ottobock special adhesive is not included in the scope of delivery. Please order separately.



**Information material**

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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## 2R31 Foot adapter with screw connection, titanium

The 2R31 foot adapter made of titanium connects the SACH, SACH+, 1G6 and Dynamic prosthetic feet to the distal connector of a modular prosthesis.

**Technical data**

Article number	Accessory for	Max. body weight	Weight
2R31=M8	1D11=L22 1D11=L23 1D11=L24 1D11=L25 1D11=R22 1D11=R23 1D11=R24 1D11=R25	100 kg	65 g
2R31=M10	1D11=R26 1D11=R27 1D11=R28 1D11=L26 1D11=L27 1D11=L28	136 kg	70 g

- System height already taken into consideration with the foot.
- 636W28 Ottobock special adhesive is not included in the scope of delivery. Please order separately.



**Scope of delivery**

2D6	Screw connection
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**Information material**

647G5=ALL_INT	Instructions for use   2R8*, 2R31*, 2R54*
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## 2R8 Foot adapter with screw connection, steel

The 2R8 foot adapter made of steel connects the SACH, SACH+ and Dynamic prosthetic feet to the distal connector of a modular prosthesis.

**Technical data**

Article number	Accessory for	Weight	Max. body weight
2R8=M8	1D11=L22 1D11=L23 1D11=L24 1D11=L25 1D11=R22 1D11=R23 1D11=R24 1D11=R25	115 g	100 kg
2R8=M10	1D11=R26 1D11=R27 1D11=R28 1D11=L26 1D11=L27 1D11=L28	125 g	125 kg

- 636W28 Ottobock special adhesive is not included in the scope of delivery. Please order separately.



## 2D6 Screw connection foot adapter 2R8=M8

The spare parts set is used for the screw connection of the 2R31 and 2R54 foot adapters with the corresponding prosthetic feet.

**Technical data**

Article number	Spare part for	Scope of delivery
2D6=M8	2R8=M8	1 cap screw (steel) 1 hexagon socket head 1 washer

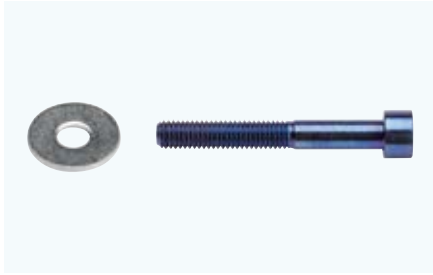


## 2D6 Screw connection foot adapter 2R8=M10

The 2D6 spare parts pack consists of spare parts for the screw connection of the 2R40 and 2R8 foot adapters.

**Technical data**

Article number	Spare part for	Scope of delivery
2D6=M10	2R8=M10	1 cap screw (steel) 1 hexagon socket head 1 washer



## 2D7 Screw connection foot adapter 2R31=M8, 2R54=M8

The spare parts set is used for the screw connection of the 2R31 and 2R54 foot adapters with the corresponding prosthetic feet.

### Technical data

Article number	Spare part for
2D7=M8	2R31=M8 2R54=M8



## 2D7 Screw connection foot adapter 2R31=M10, 2R54=M10

The spare parts set is used for the screw connection of the 2R31 and 2R54 foot adapters with the corresponding prosthetic feet.

### Technical data

Article number	Spare part for
2D7=M10	2R31=M10 2R54=M10



## 2R14 Connection plate for 2R54, 2R31, 2R8

The 2R14 connection plate facilitates the fabrication of cosmetic prostheses and forms the transition from the foam cover to the adapter. It is bonded to the foam cover and then pressed onto the adapter.

### Technical data

Article number
2R14



## 1M10 Adjust

The 1M10 Adjust was designed for users who spend most of their time at home and are only outside to a limited extent. The prosthetic foot can be quickly adjusted to ensure a great fit for the amputee's individual needs.

### Key features

- Comfortable heel strike with good shock absorption and easy rollover
- Stable stance even with shifting of weight
- The yielding joint and flexibility of the function module and ball pad compensate for uneven surfaces
- Takes individual user needs for the heel characteristics into account with the adjustable function module

### Scope of delivery

1M10	Adjust		1	Piece(s)
2C1	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
SL=SPECTRA-SOCK-7	Spectra protective sock	black	1	Piece(s)

### Information material

647G439=ALL_INT	Instructions for use   1M10 Adjust
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material award

2010



reddot design award winner 2010



Max. 80 kg  
Size 22–23 cm



Max. 100 kg  
Size 24 to 25 cm



Max. 125 kg  
Size 26 to 30 cm

### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22–30 cm
<b>Weight (without footshell)</b>	385 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 20 +/- 5 mm (21–26 mm) Normal shape (N) for a heel height of 10 +/- 5 mm (22–30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>System height with normal footshell</b>	57 mm*
<b>Build height with normal footshell</b>	75 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Stiffness	Foot size			
	22 – 23 cm	24 – 25 cm	26 – 27 cm	28 – 30 cm
1	to 52 kg	to 58 kg	to 72 kg	to 77 kg
2	53 – 68 kg	59 – 76 kg	73 – 95 kg	78 – 100 kg
3	69 – 80 kg	77 – 100 kg	96 – 125 kg	101 – 125 kg

### Order example

Reference number	=	Side	Size	-	Stiffness	-	P	/	Colour	Shape
1M10	=	L	26	-	2	-	P	/	4	N

## Accessories/spare parts for M10



### Scope of delivery

2C1	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)

### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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## 2C1 Footshell

The 2C1 footshell is a protective cover for the 1M10 Adjust prosthetic foot. Its external shape creates a natural appearance in the slim or normal version. It is available in the colours beige and light brown.

### Technical data

<b>Article number</b>	2C1=*N	2C1=*S
<b>Side</b>	left (L), right (R)	left (L), right (R)
<b>Shape</b>	normal	slim
<b>Size</b>	22-30 cm	22-26 cm
<b>Weight</b>	195 g*	165 g*
<b>Heel height</b>	10 +/- 5 mm	20 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	Size	/	Colour	Shape
2C1	=	L	26	/	4	N



## 2C19 Connection cover

In combination with the 2C1, 2C6 and 2C15 footshells in the normal foot shape, the 2C19 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C19
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-31 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C1=*N, 2C6=*N, 2C15=*N footshells

### Order example

Reference number	=	Side	Size range	/	Colour
2C19	=	L	26-28	/	4



## 2C20 Connection cover

In combination with the 2C1, 2C3-1, 2C6 and 2C15 footshells in the slim foot shape, the 2C20 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C20
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-27 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C1=*S, 2C3-1=*, 2C6=*S, 2C15=S* footshells

### Order example

Reference number	=	Side	Size	/	Colour
2C20	=	L	26	/	4



## 2D11 Single component pack

The 2D11 single component pack contains spare parts for the 1M10 Adjust prosthetic foot.

### Technical data

<b>Article number</b>	2D11
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## 1C11 Terion K2

The 1C11 Terion K2 prosthetic foot is intended for users with low to moderate mobility. Thanks to the combination of the functional foam and a spring made of carbon and fibre-glass, it offers a soft heel strike and smooth rollover with adequate energy return.

### Key features

- Lightweight, sturdy foot design that provides optimal support
- Elastic heel for balanced load distribution, good ground contact and therefore a high degree of stability while standing and walking
- Universal application options thanks to the low build height and a maximum patient weight of up to 175 kg
- Resistant to dust, dirt and splashed water



Max. 100 kg  
Size 22–23 cm



Max. 150 kg  
Size 24 to 25 cm



Max. 175 kg  
Size 26 to 30 cm

### Scope of delivery

1C11	Terion K2		1	Piece(s)
2C12	Footshell		1	Piece(s)
2C13	Connection cover		1	Piece(s)
SL=SPEC-TRA-SOCK2-7	Spectra protective sock short black	for sizes 22–28 cm	1	Piece(s)
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	for sizes 29–30 cm	1	Piece(s)

### Information material

647G1159=ALL_INT	Instructions for use   1C11 Terion K2
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### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	175 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22–30 cm
<b>Weight (without footshell)</b>	325 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 10 +/- 5 mm (22–23 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24–30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	573 g*
<b>System height with normal footshell</b>	46 mm*
<b>Build height with normal footshell</b>	64 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Foot size \ Body weight	Foot size			
	22 – 23 cm	24 – 25 cm	26 – 28 cm	29 – 30 cm
up to 55 kg	1	1	2	
56 – 75 kg	2	2		3
76 – 100 kg	3	3	3	
101 – 125 kg		4	4	4
126 – 150 kg		5	5	5
151 – 175 kg			6	6

■ Slim footshell available ■ Normal footshell available

### Order example

Reference number	=	Side	Size	-	Stiffness	-	P	/	Colour	Shape
1C11	=	L	26	-	4	-	P	/	4	N

## Accessories/spare parts for 1C11



### Scope of delivery

2C12	Footshell	1	Piece(s)
2C13	Connection cover	1	Piece(s)

### Information material

647G1092=ALL_INT	Instructions for use   2C12
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### 2C12 Footshell

The 2C12 footshell is a low-cut protective cover for the Terion prosthetic feet, making it easy to reach the adjustment screws. Alignment marks enable straightforward and fast bench alignment. Its slim or normal external shape creates a natural appearance. It is available in the colours beige and light brown.

#### Technical data

<b>Reference number</b>	2C12=*N	2C12=*S
<b>Side</b>	left (L), right (R)	left (L), right (R)
<b>Shape</b>	normal	slim
<b>Size</b>	24-30 cm	22-23 cm
<b>Weight</b>	225 g*	192 g*
<b>Heel height</b>	5 +/- 5 mm	5 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15	beige 4, light brown 15

\* Technical data refer to size 26 cm and 23 cm respectively.

#### Order example

Reference number	=	Side	Size	/	Colour	Shape
2C12	=	L	26	/	4	N



### 2C13 Connection cover

In combination with the 2C12 footshell, the 2C13 connection cover forms an attractive cosmetic cover for the Terion prosthetic feet. Alignment marks on the connection cover contribute to easier, faster bench alignment.

#### Technical data

<b>Reference number</b>	2C13
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C12=*N, 2C12=*S footshells

#### Order example

Reference number	=	Side	Size	/	Colour	Shape
2C13	=	L	26	/	4	N



### SL=SPECTRA-SOCK2-7 Spectra protective sock short black

The short Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK2-7
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### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK-7
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## VS5 Restore

The Restore was designed for less active users who mainly navigate indoor environments and use a walking aid outdoors, and who place a high value on reliable support from their prosthetic foot.

### Key features

- The full length, unbolted spring design provides the required stability and a soft rollover
- The C-shape offers stability from heel contact through to toe-off
- The partly split forefoot spring and the flexibility of the fibreglass provide sufficient ground contact even on uneven terrain
- Custom heel stiffness for a better balance thanks to four different heel wedge options
- Protected against fresh, salt and chlorinated water



Max. 136 kg  
Size 22 to 30 cm

### Scope of delivery

VS5	Restore	1	Piece(s)
FTC-2B-1	Kinrol/Restore footshell	1	Piece(s)
2F13	Heel wedges for Kinrol/Restore	1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G1722=ALL_INT	Instructions for use   VS5 Restore
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### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	136 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Footshell shape</b>	Sandal-toe
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	674 g*
<b>Heel height</b>	10 mm
<b>Build height</b>	89 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Foot size \ Body weight	Foot size								
	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
45 – 59 kg	1	1	1	1	1	1	–	–	–
60 – 81kg	2	2	2	2	2	2	2	2	–
82 – 109 kg	–	3	3	3	3	3	3	3	3
110 – 136 kg	–	–	4	4	4	4	4	4	4

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>
VS5	=	L	26	-	3	-	P	/	4



## Accessories/spare parts for VS5



### Scope of delivery

FTC-2B-1	Kintrol/Restore footshell	1	Piece(s)
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### Information material

647G1733=ALL_INT	Instructions for use   FTC* Footshell
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### FTC-2B-1 Kintrol/Restore footshell

The FTC-2B-1\* footshell is the protective cover with sandal toe for the Kintrol and Restore prosthetic feet. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

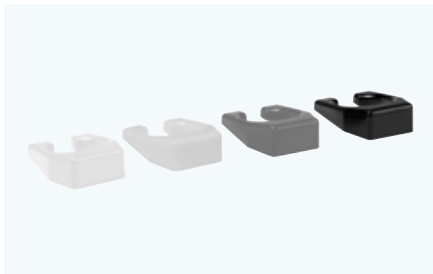
#### Technical data

<b>Reference number</b>	FTC-2B-1
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight</b>	250 g*
<b>Colour</b>	beige L, light brown D

\* Technical data refer to the size of 26 cm

#### Order example

Reference number	Size	Colour	4	-	R	Side
FTC-2B-1	26	L	4	-	R	L



### 2F13 Heel wedges for Kintrol/Restore

The 2F13=\* heel wedge set contains four heel wedges to customise the heel stiffness for the user.

#### Technical data

Article number	Size
2F13=22/25	22-25 cm
2F13=26/28	26-28 cm
2F13=29/30	29-30 cm



### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK-7
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## VS4 Kintrol

The Kintrol was designed for less active to moderately active users who mainly navigate indoor environments and use a walking aid outdoors, and place a high value on reliable support from their prosthetic foot.

### Key features

- Hydraulic prosthetic foot
- Full length fibreglass spring provides the required stability and a soft rollover
- 12° range of motion (2° DF, 10° PF): increased range of motion for a more natural gait pattern and more stable standing
- The active dorsi-assist spring ensures ground clearance during the swing phase, which can help prevent the toes getting caught
- The Kintrol is lowered to the floor when sitting for a more natural look
- Custom heel stiffness for a better balance thanks to four different heel wedge options
- Weatherproof

### Scope of delivery

VS4	Kintrol	1	Piece(s)
FTC-2B-1	Kintrol/Restore footshell	1	Piece(s)
2F13	Heel wedges for Kintrol/Restore	1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)



Max. 136 kg  
Size 23 to 30 cm

### Information material

647G1712=ALL_INT	Instructions for use   VS4 Kintrol
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### Technical data

<b>Mobility grade</b>	1, 2
<b>Max. body weight</b>	136 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	23-30 cm
<b>Footshell colour</b>	beige, light brown
<b>Weight with footshell</b>	953 g*
<b>Heel height</b>	10 mm
<b>Build height</b>	112 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Foot size	Foot size							
	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
Body weight								
45 – 59 kg	1	1	1	1	1	–	–	–
60 – 81 kg	2	2	2	2	2	2	2	–
82 – 109 kg	3	3	3	3	3	3	3	3
110 – 136 kg	–	4	4	4	4	4	4	4

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>
VS4	=	L	26	-	3	-	P	/	4

## Accessories/spare parts for VS4



### Scope of delivery

FTC-2B-1	Kintrrol/Restore footshell	1	Piece(s)
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### Information material

647G1733=ALL_INT	Instructions for use   FTC* Footshell
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### FTC-2B-1 Kintrrol/Restore footshell

The FTC-2B-1\* footshell is the protective cover with sandal toe for the Kintrrol and Restore prosthetic feet. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

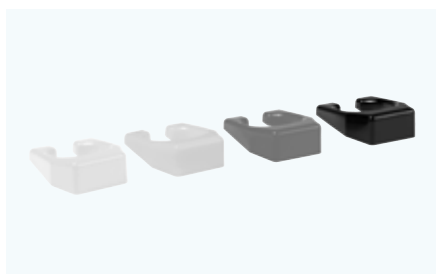
#### Technical data

<b>Reference number</b>	FTC-2B-1
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight</b>	250 g*
<b>Colour</b>	beige L, light brown D

\* Technical data refer to the size of 26 cm

#### Order example

Reference number	Size	Colour	4	-	R	Side
FTC-2B-1	26	L	4	-	R	L



### 2F13 Heel wedges for Kintrrol/Restore

The 2F13=\* heel wedge set contains four heel wedges to customise the heel stiffness for the user.

#### Technical data

Article number	Size
2F13=22/25	22-25 cm
2F13=26/28	26-28 cm
2F13=29/30	29-30 cm



### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK-7
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## 1A30 Greissinger plus

The 1A30 Greissinger plus is a prosthetic foot for moderately active users. All-round mobility is achieved by the rollover of the titanium adapter on the ring-shaped elastomer combined with the fork in a flexible suspension.

### Key features

- Multi-axial characteristics to compensate for uneven surfaces
- Individually adaptable with elastomers in three degrees of hardness (soft, medium, hard)
- Natural gait pattern thanks to optimal rollover characteristics
- Natural shape with defined toes



Max. 75 kg  
Size 24 to 25 cm



Max. 100 kg  
Size 26 to 29 cm

### Scope of delivery

1A30	Greissinger plus		1	Piece(s)
2R86	Foam connecting cap		1	Piece(s)
2D3	Single component pack	for size 24-25 cm	1	Piece(s)
2D4	Single component pack	for size 26-29 cm	1	Piece(s)

### Information material

647G1629=ALL_INT	Instructions for use   1A30
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### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	100 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-29 cm
<b>Weight</b>	705 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige
<b>System height</b>	69 mm*
<b>Build height</b>	87 mm*

\* Technical data refer to the size of 26 cm

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>
1A30	=	L	26

## Accessories/spare parts for 1A30



## 1A31 Greissinger plus shaped foot component without adapter

The 1A31 Greissinger plus shaped foot component without adapter is a spare part for the 1A30 Greissinger plus prosthetic foot.

### Key features

- Multi-axial characteristics to compensate for uneven surfaces
- Individually adaptable with elastomers in three degrees of hardness (soft, medium, hard)
- Natural gait pattern thanks to optimal rollover characteristics
- Natural shape with defined toes



Max. 75 kg  
Size 24 to 25 cm



Max. 100 kg  
Size 26 to 29 cm

### Information material

647G1629=ALL_INT	Instructions for use   1A30
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### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	100 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-29 cm
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	beige

\* Technical data refer to the size of 26 cm

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>
1A31	=	L	26



## 2R86 Foam connecting cap

The 2R86 foam connecting cap is bonded to the foam cover and pressed onto the edge of the shaped foot component. Can be used on left/right.

### Technical data

Article number	Spare part for	Size
2R86=24	1A30=R24 1A30=L24	24 cm
2R86=25	1A30=L25 1A30=R25	25 cm
2R86=26	1A30=R26 1A30=L26	26 cm
2R86=27	1A30=L27 1A30=R27	27 cm
2R86=28	1A30=L28 1A30=R28	28 cm
2R86=29	1A30=L29 1A30=R29	29 cm



## 2D3 Single component pack

The 2D3 spare parts pack consists of spare parts for the 1A30 Greissinger plus prosthetic foot in sizes 24–25 cm and is used to replace the elastomer.

### Technical data

Article number	Spare part for	Size
2D3	1A30=L25 1A30=R24 1A30=R25 1A30=L24	24–25 cm



## 2D4 Single component pack

The 2D4 spare parts pack consists of spare parts for the 1A30 Greissinger plus prosthetic foot in sizes 26–29 cm and is used to replace the elastomer.

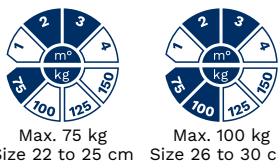
### Technical data

Article number	Spare part for	Size
2D4	1A30=L27 1A30=L28 1A30=L29 1A30=R26 1A30=R27 1A30=R29 1A30=L26 1A30=R28	26–29 cm



## 1D35 Dynamic Motion

The 1D35 Dynamic Motion offers an especially smooth and physiological rollover. The prosthetic foot is suitable for users in mobility grades 2–3 with a body weight of up to 100 kg.



### Scope of delivery

1D35	Dynamic Motion		1	Piece(s)
2C10	Connection cover	for sizes 21-22 cm	1	Piece(s)
2C11	Connection cover	for sizes 23-30 cm	1	Piece(s)

### Information material

647G127=ALL_INT	Instructions for use   1D35 Dynamic Motion
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### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	100
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight</b>	630 g*
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>System height</b>	68 mm*
<b>Build height</b>	86 mm*

\* Technical data refer to the size of 26 cm

- This foot can be equipped with a custom silicone cover.

### Order example

Reference number	=	Side	Size	-	0	-	P	/	Colour
1D35	=	L	26	-	0	-	P	/	4

## Accessories/spare parts for 1D35



### 2C10 Connection cover

In combination with the 2C3-1 and 2C5 footshells in the normal foot shape or the 1D35 Dynamic Motion, the 2C10 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C10
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-31 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C3-1=* and 2C5=* footshells 1D35=* Dynamic Motion (sizes 21-22 cm)

### Order example

Reference number	=	Side	Size range	/	Colour
2C10	=	L	26-28	/	4



### 2C11 Connection cover

In combination with the 2C4 footshell or the 1D35 Dynamic Motion, the 2C11 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C11
<b>Side</b>	left (L), right (R)
<b>Size</b>	23-30 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C4=* footshell 1D35=* Dynamic Motion (sizes 23-30 cm)

### Order example

Reference number	=	Side	Size range	/	Colour
2C11	=	L	26-28	/	4



## 88A20 Custom silicone covers for the lower limbs

For many users, a natural outward appearance is just as important as the functional benefits of a prosthesis. With high-end, custom-made silicone covers for leg prostheses, Ottobock gives you the opportunity to make this dream come true for your users. The Ottobock iFab acts as your extended workbench for the fabrication of aesthetically pleasing silicone covers, as they are made to your precise and individual specifications – quickly, reliably and in the highest quality.

### Information material

647F666=EN_MASTER	Order form   Lower limb silicone cover
647F285=GB	Technician brochure   Colour determination

You will find further information on custom silicone covers for the lower limbs in the “Prosthesis covers” section.

### Technical data

Article image	Article number	Description	Product features
	88A20=C	Custom silicone covers “Classic” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in two to three colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A20=N	Custom silicone covers “Natural” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in 8-10 colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

- With jointless feet (e.g. 1D10, 1D35), a small gap can be modelled next to the big toe (big toe separation). This makes it possible to wear flip-flops with the prosthesis.
- For the “Natural” variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- Suitable for all Triton prosthetic feet except the 1C68 Triton side flex.



## 1C10 Terion

Thanks to the 1C10 Terion prosthetic foot, moderately active users now benefit from carbon fibre technology as well. Lightweight, flexible and durable, the foot also features an anatomically shaped heel and is highly responsive in a wide range of everyday activities.

### Key features

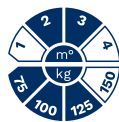
- Lightweight, robust and durable carbon foot with low structural height
- Resistant to dust, dirt and splashed water
- A pre-installed toe insert in the footshell lengthens the forefoot and enables different walking speeds



Max. 75 kg  
Size 22–23 cm



Max. 100 kg  
Size 24 to 25 cm



Max. 125 kg  
Size 26 to 28 cm

### Scope of delivery

1C10	Terion
2C12	Footshell
2C13	Connection cover
SL=SPECTRA-SOCK2-7	Spectra protective sock short black

### Information material

647G972=ALL_INT	Instructions for use   1C10 Terion
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### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22–28 cm
<b>Weight (without footshell)</b>	343 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 5 +/- 5 mm (22-23 cm) Normal shape (N) for a heel height of 5 +/- 5 mm (24-28 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	598 g*
<b>System height with normal footshell</b>	49 mm*
<b>Build height with normal footshell</b>	67 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Foot size \ Body weight	22 – 23 cm	24 – 25 cm	26 – 28 cm
	to 75 kg	Stiffness 2	Stiffness 3
76 – 100 kg	Stiffness 3		
101 – 125 kg		Stiffness 4	

■ Slim footshell available    ■ Normal footshell available

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C10	=	L	26	-	4	-	P	/	4	N



## Accessories/spare parts for 1C10



### Scope of delivery

2C12	Footshell	1	Piece(s)
2C13	Connection cover	1	Piece(s)

### Information material

647G1092=ALL_INT	Instructions for use   2C12
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### 2C12 Footshell

The 2C12 footshell is a low-cut protective cover for the Terion prosthetic feet, making it easy to reach the adjustment screws. Alignment marks enable straightforward and fast bench alignment. Its slim or normal external shape creates a natural appearance. It is available in the colours beige and light brown.

#### Technical data

<b>Reference number</b>	2C12=*N	2C12=*S
<b>Side</b>	left (L), right (R)	left (L), right (R)
<b>Shape</b>	normal	slim
<b>Size</b>	24-30 cm	22-23 cm
<b>Weight</b>	225 g*	192 g*
<b>Heel height</b>	5 +/- 5 mm	5 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15	beige 4, light brown 15

\* Technical data refer to size 26 cm and 23 cm respectively.

#### Order example

Reference number	=	Side	Size	/	Colour	Shape
2C12	=	L	26	/	4	N



### 2C13 Connection cover

In combination with the 2C12 footshell, the 2C13 connection cover forms an attractive cosmetic cover for the Terion prosthetic feet. Alignment marks on the connection cover contribute to easier, faster bench alignment.

#### Technical data

<b>Reference number</b>	2C13
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C12=*N, 2C12=*S footshells

#### Order example

Reference number	=	Side	Size	/	Colour	Shape
2C13	=	L	26	/	4	N



### SL=SPECTRA-SOCK2-7 Spectra protective sock short black

The short Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK2-7
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## 1C30-1 Trias

The 1C30-1 Trias is a prosthetic foot for moderately active individuals who navigate indoor and familiar outdoor environments and place a high value on consistent stability when walking.

### Key features

- Flexible double springs provide relief with shock absorption at heel strike and a gentle rollover
- Triangular design for balanced, controlled movements when walking on uneven surfaces
- Lightweight design
- Protected against fresh, salt and chlorinated water
- Water runoff channels on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis
- Slim footshell option

### Scope of delivery

1C30-1	Trias		1	Piece(s)
2C3-1	Trias footshell		1	Piece(s)
2C10	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1681=ALL\_INT | Instructions for use | 1C30-1



Max. 110 kg  
Size 25 to 26 cm



Max. 125 kg  
Size 27 to 30 cm



Max. 80 kg  
Size 21–22 cm

### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	21–30 cm
<b>Weight (without footshell)</b>	346 g*
<b>Footshell shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm (21–30 cm) Slim shape (S) for a heel height of 20 +/- 5 mm (21–26 mm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	551 g*
<b>System height with normal footshell</b>	95 mm*
<b>Build height with normal footshell</b>	113 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Foot size	Foot size									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>Body weight</b>										
<b>45 – 60 kg</b>	1	1	1	1	–	–	–	–	–	–
<b>61 – 80 kg</b>	2	2	2	2	1	1	1	1	–	–
<b>81 – 95 kg</b>	–	–	3	3	2	2	2	2	1	1
<b>96 – 110 kg</b>	–	–	–	–	3	3	3	3	2	2
<b>111 – 125 kg</b>	–	–	–	–	–	–	4	4	3	3

■ Normal and slim footshell available ■ Normal footshell available

### Order example

<b>Reference Number</b>	=	<b>Side</b>	=	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C30-1	=	L	=	26	-	2	-	P	/	4	S

## Accessories/spare parts for 1C30-1



### Scope of delivery

2C3-1	Trias footshell		1	Piece(s)
2C10	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)

### Information material

647G1740=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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## 2C3-1 Trias footshell

The 2C3-1 footshell is a protective cover for the 1C30-1 Trias prosthetic foot. Its external shape creates a natural appearance. It also features alignment marks that enable straight-forward and fast bench alignment as well as openings in the sole of the foot that allow water to drain away.

### Technical data

<b>Article number</b>	2C3-1=*	2C3-1=*S
<b>Side</b>	left (L), right (R)	left (L), right (R)
<b>Shape</b>	normal	slim
<b>Size</b>	21-30 cm	21-26 cm
<b>Weight</b>	205 g*	165 g*
<b>Heel height</b>	10 +/- 5 cm	20 +/- 5
<b>Colour</b>	beige 4, light brown 15	beige 4, light brown 15

\* Technical data refer to the size of 26 cm



## 2C10 Connection cover

In combination with the 2C3-1 and 2C5 footshells in the normal foot shape or the 1D35 Dynamic Motion, the 2C10 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C10
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-31 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C3-1=* and 2C5=* footshells 1D35=* Dynamic Motion (sizes 21-22 cm)

### Order example

Reference number	=	Side	Size range	/	Colour
2C10	=	L	26-28	/	4



## 2C20 Connection cover

In combination with the 2C1, 2C3-1, 2C6 and 2C15 footshells in the slim foot shape, the 2C20 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C20
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-27 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C1=*S, 2C3-1=*, 2C6=*S, 2C15=S* footshells

### Order example

Reference number	=	Side	Size	/	Colour
2C20	=	L	26	/	4



## SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK-7
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## F22 Maverick Comfort AT

The Maverick Comfort AT was designed for active users who navigate varied indoor and outdoor environments and place a high value on effortless walking and the ability to go wherever life takes them.

### Key features

- Low build height
- The fibreglass design delivers a high degree of durability and flexibility without limiting energy return
- Split forefoot and heel springs for enhanced adaptation to terrain
- A full length, unbolted sole plate ensures a smooth stance phase rollover
- Protected against fresh, salt and chlorinated water



Max. 166 kg  
Size 23 to 30 cm

### Scope of delivery

F22	Maverick Comfort AT	1	Piece(s)
FTC-2A-1	Maverick footshell	1	Piece(s)
2F11	Heel wedges F21, F22, F23	1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G1715=ALL_INT	Instructions for use   F21, F22 Maverick
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### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	166 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	23-30 cm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	763 g*
<b>Heel height</b>	10 mm
<b>Build height</b>	117 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Activity level		
	Low	Moderate	High
44 – 52 kg	1	1	2
53 – 59 kg	1	2	3
60 – 68 kg	2	3	4
69 – 77 kg	3	4	5
78 – 88 kg	4	5	6
89 – 100 kg	5	6	7
101 – 116 kg	6	7	8
117 – 130 kg	7	8	9
131 – 147 kg	8	9	–
148 – 166 kg	9	–	–

#### 2 foot size

Stiffness	Foot size								
	1	2	3	4	5	6	7	8	9
23 cm	no restrictions					***	–	–	–
24 cm	no restrictions					***	***	–	–
25 cm	no restrictions					***	***	–	–
26 cm	–	no restrictions				***	***	**	–
27 cm	–	–	no restrictions			***	***	**	**
28 cm	–	–	no restrictions		***	***	**	**	
29 cm	–	–	–	**	**	**	**	**	**
30 cm	–	–	–	**	**	**	**	**	**

\*\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4

\*\*\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4 for body weight > 100 kg

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>
F22	=	L	26	-	4	-	P	/	4

## Accessories/spare parts for F22



### 2F11 Heel wedges F21, F22, F23

The 2F11 heel wedge set contains two heel wedges to customise the heel stiffness for the user. The double-sided adhesive tape included in the scope of delivery is used to secure the heel wedges.

#### Technical data

##### Article number

2F11=1



### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

##### Article number

SL=SPECTRA-SOCK-7



## 1C56 Taleo Adjust

The 1C56 Taleo Adjust was designed for active users who navigate a wide range of indoor and outdoor environments, and who place a high value on flexibility in the choice of footwear.

### Key features

- Heel height adjustable carbon foot
- The easy, stepless heel height adjustment from 0 to 7 cm allows users to wear different shoes. The individually optimal prosthetic alignment can be reproduced
- The seamless rollover from heel strike to toe-off allows easy and comfortable walking without dead spots - depending on the footwear
- Thanks to three different heel wedges, both the impact stress at heel strike and the gait dynamics can be customised to individual needs
- Openings in the sole of the footshell prevent water from collecting in the prosthesis
- Protected against fresh, salt and chlorinated water

### Scope of delivery

1C56	Taleo Adjust		1	Piece(s)
2C15=*-L	Low cut footshell for 1C56	alternative	1	Piece(s)
2C8	Footshell for 1C56 and 1C59	alternative	1	Piece(s)
2C21	Connection cover for 2C70 and 2C8	for 2C8 footshell	1	Piece(s)
2F50	Heel wedges for Taleo		1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1761=ALL_INT	Instructions for use   1C56 Taleo Adjust
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Max. 88 kg  
Size 22 cm



Max. 100 kg  
Size 23 to 24 cm



Max. 115 kg  
Size 25 to 28 cm

### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	115 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-28 cm
<b>Weight (without footshell)</b>	680 g*
<b>Footshell shape</b>	Normal, normal low cut, slim low cut
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	930 g*
<b>System height with normal footshell</b>	100 mm*
<b>Build height with normal footshell</b>	118 mm*
<b>Heel height</b>	0 - 70 mm*

\* Technical data refer to the size of 26 cm.

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Low activity level	Normal activity level
up to 51 kg	1	2
52 – 58 kg	2	3
59 – 67 kg	3	4
68 – 77 kg	4	5
78 – 88 kg	5	6
89 – 100 kg	6	7
101 – 115 kg	7	-

#### 2 foot size

Stiffness	Foot size						
	1	2	3	4	5	6	7
22 cm						-	-
23 cm							-
24 cm							-
25 cm							
26 cm							
27 cm	-	-					
28 cm	-	-					

### Order example for ordering with the 2C8 resp. 2C15=\*-L footshell

Reference number	= Side	Size	- Stiffness	- P	/ Colour	Shape
1C56	= L	26	- 4	- P	/ 4	
1C56	= L	26	- 4	- P	/ 4	N-L

## Accessories/spare parts for 1C56



### Scope of delivery

2C15=*-L	Low cut footshell for 1C56
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### Information materials

647G1740=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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### 2C15=\*-L Low cut footshell for 1C56

The 2C15=\*-L footshell is a low cut protective cover for the 1C56 Taleo Adjust prosthetic foot. Its external shape creates a natural appearance. It also features openings in the sole of the foot that allow water to drain away.

#### Technical data

Reference number	2C15=*S-L	2C15=*N-L
Side	left (L), right (R)	left (L), right (R)
Shape	slim low cut	normal low cut
Size	22-23 cm	24-26 cm
Weight	184 g*	229 g*
Heel height	15 +/- 5 mm	10 +/- 5 mm
Colour	beige 4, light brown 15	beige 4, light brown 15

\* Technical data refer to the size of 26 cm.

#### Order example

Reference number	=	Side	Size	/	Colour	Shape	-	Height
2C15	=	L	26	/	4	N	-	L



### Scope of delivery

2C8	Footshell for 1C56 and 1C59	1	Piece(s)
2C21	Connection cover for 2C70 and 2C8	1	Piece(s)

### Information material

647G1740=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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### 2C8 Footshell for 1C56 and 1C59

The 2C8 footshell is a protective cover for the 1C56 Taleo Adjust and 1C59 Taleo Adapt prosthetic foot. Its external shape creates a natural appearance and it features openings in the sole of the foot that allow water to drain away.

#### Technical data

Reference number	2C8
Side	left (L), right (R)
Shape	normal
Size	22-30 cm
Weight	250 g*
Heel height	10 +/- 5 mm
Colour	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

#### Order example

Reference number	=	Side	Size	/	Colour
2C8	=	L	26	/	4



### 2C21 Connection cover for 2C70 and 2C8

In combination with the 2C70 and 2C8 footshells, the 2C21 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

#### Technical data

Reference number	2C21
Side	left (L), right (R)
Size	22-30 cm
Colour	beige 4, light brown 15
for	2C8=*, 2C70=* footshells

#### Order example

Reference number	=	Side	-	Size	/	Colour
2C21	=	L	-	26/27	/	4



## 2F50 Heel wedges for Taleo

The 2F50 heel wedge set contains three heel wedges in various degrees of hardness, permitting individual adaptation of the heel stiffness for the user.

### Technical data

Article number	Size
2F50=22-25	22-25 cm
2F50=26-28	26-28 cm
2F50=29-30	29-30 cm



## SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

### Technical data

Article number
SL=SPECTRA-SOCK-7





## 1C70 Evanto

The 1C70 Evanto prosthetic foot was designed for active individuals who navigate varied indoor and outdoor environments and place a high value on a natural walking feeling, increased endurance and a high degree of comfort on uneven terrain.

### Key features

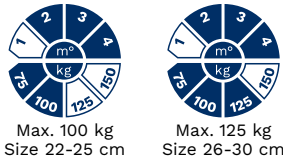
- Evanto's innovative design stores the highest amount of energy at heel strike and returns it at toe off for enhanced forward propulsion.
- High-performance wedges allow for up to 24 mm of shock absorption at heel strike.
- When going down stairs or stepping off curbs, Evanto provides up to 9 mm of vertical shock absorption when landing flat footed.
- Excellent multi-axial compliance provides stability and a high degree of comfort with up to 20° of sagittal plane motion, +/- 10° of m-l flexibility, and +/- 4° of torsional motion.
- Customisable forefoot and heel behaviour to meet individual user needs.
- Protected against fresh, salt and chlorinated water.

### Scope of delivery

1C70	Evanto		1	Piece(s)
2C70	Evanto foot-shell		1	Piece(s)
2C21	Connection cover for 2C70 and 2C8		1	Piece(s)
2F70=*	Upper wedge for 1C70		1	Set
2F71=*	Lower wedge for 1C70		1	Set
2U3=1-7	Spectra Sock for prosthetic feet	for sizes 22-25 cm	1	Piece(s)
2U3=2-7	Spectra Sock for prosthetic feet	for sizes 26-30 cm	1	Piece(s)

### Information material

647G1431=ALL_INT	Instructions for use   1C70 Revo
647G1809=ALL_INT	Quick Reference Guide   1C70 Evanto



### Technical data

<b>Mobility grade</b>	2, 3, 4
<b>Max. body weight</b>	125 kg
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	450 g*
<b>Footshell shape</b>	Normal shape with 10 +/- 5 mm heel height
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	725 g*
<b>Build height with normal footshell</b>	82 mm*

\* Reference size is 26 cm.

### Selection of the spring stiffness relative to body weight and foot size

Body weight	Foot size								
	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
up to 58 kg	1	1	1	1	-	-	-	-	-
59 - 72 kg	2	2	2	2	2	2	2	2	2
73 - 86 kg	3	3	3	3	3	3	3	3	3
87 - 100 kg	4	4	4	4	4	4	4	4	4
101 - 125 kg	-	-	-	-	5	5	5*	5*	5*

\* Do not combine this configuration with a 3C88-3 C-Leg or a 3C98-3 C-Leg.

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>
1C70	=	R	26	-	4	-	P	/	4

## Accessories/spare parts for 1C70



### Information material

647G1152=ALL_INT	Instructions for use   2C70
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## 2C70 Evanto footshell

The 2C70 footshell is a protective cover for the 1C70 Evanto prosthetic feet. Its external shape creates a natural appearance. It also features alignment marks that enable straight-forward and fast bench alignment as well as openings in the sole of the foot that allow water to drain away.

### Technical data

<b>Reference number</b>	2C70
<b>Side</b>	left (L), right (R)
<b>Shape</b>	normal
<b>Size</b>	22-30 cm
<b>Weight</b>	275 g
<b>Heel height</b>	10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 26 cm



## 2C21 Connection cover for 2C70 and 2C8

In combination with the 2C70 and 2C8 footshells, the 2C21 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C21
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C8=*, 2C70=* footshells

### Order example

Reference number	=	Side	-	Size	/	Colour
2C21	=	L	-	26/27	/	4



## 2F70 Upper wedge for 1C70

The 2F70\* upper wedge is available in various degrees of hardness for individual adjustment of the heel characteristics of the 1C70 Evanto prosthetic foot.

### Technical data

<b>Article number</b>	2F70=*
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## 2F71 Lower wedge for 1C70

The 2F71\* lower wedge is available in various degrees of hardness. Mainly for individual adaptation of the forefoot and rollover characteristics, and in part for individual adjustment of the heel characteristics of the 1C70 Evanto prosthetic foot.

### Technical data

<b>Article number</b>	2F71=*
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## 2U3 Spectra Sock for prosthetic feet

The Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the footshell.

### Technical data

<b>Article number</b>	<b>Size</b>
2U3=1-7	22 - 25 cm
2U3=2-7	26 - 30 cm



## 1C50 Taleo

The 1C50 Taleo was designed for active individuals who navigate varied indoor and outdoor environments and place a high value on effortless walking and the ability to go wherever life takes them.

### Key features

- Double springs and a long carbon base spring enable a smooth rollover and efficient energy return at a wide range of walking speeds
- The unique flexible connection of the carbon springs in the forefoot results in optimal adaptation to varying ground conditions
- Customised shock absorption with three different heel wedge options
- Protected against fresh, salt and chlorinated water
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis
- Slim connection adapter suitable for fitting a foam cover

### Scope of delivery

1C50	Taleo		1	Piece(s)
2C15	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F50	Heel wedges for Taleo		1	Set
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G2009=ALL_INT	Instructions for use   1C50, 1C53 Taleo
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Max. 88 kg  
Size 22 cm



Max. 100 kg  
Size 23-24 cm



Max. 115 kg  
Size 25 cm



Max. 130 kg  
Size 26 cm



Max. 150 kg  
Size 27-30 cm

### Technical data

<b>Mobility grade</b>	2, 3, 4
<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	461 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (22-25 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	690 g*
<b>System height with normal footshell</b>	132 mm*
<b>Build height with normal footshell</b>	150 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Normal activity level	High activity level
up to 51 kg	1	2
52 – 58 kg	2	3
59 – 67 kg	3	4
68 – 77 kg	4	5
78 – 88 kg	5	6
89 – 100 kg	6	7
101 – 115 kg	7	8
116 – 130 kg	8	9
131 – 150 kg	9	–

#### 2 foot size

Stiffness \ Foot size	Stiffness								
	1	2	3	4	5	6	7	8	9
22 cm						–	–	–	–
23 cm							–	–	–
24 cm							–	–	–
25 cm								–	–
26 cm								*	–
27 cm	–	–						*	*
28 cm	–	–						*	*
29 cm	–	–	–				*	*	*
30 cm	–	–	–				*	*	*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

■ Slim footshell available (15 ± 5 mm heel height)   ■ Both footshells available   ■ Normal footshell available (10 ± 5 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C50	=	L	26	-	4	-	P	/	4	N

## Accessories/spare parts for 1C50



### 2F51 Taleo bolt cover

The 2F51 bolt cover is a cosmetic cover for the pyramid attachment screws of the 1C50 Taleo and the housing attachment of the 1C51 Taleo Vertical Shock and 1C52 Taleo Harmony. It is available in two different sizes.

#### Technical data

Article number	Size
2F51=22-25	22–25 cm
2F51=26-30	26–30 cm



## 1C51 Taleo Vertical Shock

The 1C51 Taleo VS was designed for active users who navigate varied indoor and outdoor environments and place a high value on effortless walking. It noticeably relieves the residual limb by effectively absorbing torsion. Together with strong shock absorption, this results in more comfort in everyday life.

### Key features

- Effectively absorbs torsion (+/- 10°) to relieve the residual limb and boost comfort in everyday life in combination with vertical shock absorption (up to 15 mm)
- Double carbon springs and a long carbon base spring enable a smooth rollover and efficient energy return at a wide range of walking speeds
- The unique flexible connection of the carbon springs in the forefoot results in optimal adaptation to varying ground conditions
- Custom shock absorption thanks to three different heel wedge options
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis

### Scope of delivery

1C51	Taleo Vertical Shock		1	Piece(s)
2C15	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F50	Heel wedges for Taleo		1	Set
2Z362	Taleo Vertical Shock functional ring set		1	Set
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1506=ALL_INT	Instructions for use   1C51, 1C52 Taleo
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Max. 88 kg  
Size 22 cm



Max. 100 kg  
Size 23-24 cm



Max. 115 kg  
Size 25 cm



Max. 130 kg  
Size 26 cm



Max. 150 kg  
Size 27-30 cm

### Technical data

<b>Mobility grade</b>	2, 3, 4
<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	751 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (22-25 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	980 g*
<b>System height with normal footshell</b>	167 mm*
<b>Build height with normal footshell</b>	185 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Normal activity level	High activity level
<b>up to 51 kg</b>	1	2
<b>52 – 58 kg</b>	2	3
<b>59 – 67 kg</b>	3	4
<b>68 – 77 kg</b>	4	5
<b>78 – 88 kg</b>	5	6
<b>89 – 100 kg</b>	6	7
<b>101 – 115 kg</b>	7	8
<b>116 – 130 kg</b>	8	9
<b>131 – 150 kg</b>	9	–

#### 2 foot size

Stiffness	Foot size								
	1	2	3	4	5	6	7	8	9
22 cm						-	-	-	-
23 cm							-	-	-
24 cm							-	-	-
25 cm								-	-
26 cm								*	-
27 cm	-	-						*	*
28 cm	-	-						*	*
29 cm	-	-	-					*	*
30 cm	-	-	-					*	*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

Slim footshell available (15 ± 5 mm heel height)
  Both footshells available
  Normal footshell available (10 ± 5 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	=	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	<b>Colour</b>	<b>Shape</b>
1C51	=	R	=	26	-	4	-	/	P 4	N

## Accessories/spare parts for 1C51



### 2Z362 Taleo Vertical Shock functional ring set

The 2Z362 functional ring is a component of the 1C51 Taleo Vertical Shock prosthetic foot. It is available as a spare part in various stiffness categories adapted to the corresponding weight classification of the foot.

#### Technical data

Article number	Functional ring stiffness	Max. body weight
2Z362=1	1	51 kg
2Z362=2	2	58 kg
2Z362=3	3	67 kg
2Z362=4	4	77 kg
2Z362=5	5	88 kg
2Z362=6	6	100 kg
2Z362=7	7	115 kg
2Z362=8	8	130 kg
2Z362=9	9	150 kg



### 2F51 Taleo bolt cover

The 2F51 bolt cover is a cosmetic cover for the pyramid attachment screws of the 1C50 Taleo and the housing attachment of the 1C51 Taleo Vertical Shock and 1C52 Taleo Harmony. It is available in two different sizes.

#### Technical data

Article number	Size
2F51=22-25	22–25 cm
2F51=26-30	26–30 cm



## 1C52 Taleo Harmony

The 1C52 Taleo Harmony was designed for active individuals who navigate varied indoor and outdoor environments and place a high value on effortless walking and the ability to go wherever life takes them. Thanks to the integrated vacuum system, it ensures a firm hold and better control over the prosthesis throughout the day, as well as boosting comfort.

### Key features

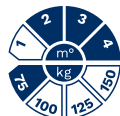
- Integrated Harmony P3 pump ensures the prosthesis fits firmly at all times
- Effectively absorbs torsion (+/- 10°) to relieve the residual limb and boost comfort in everyday life in combination with vertical shock absorption (up to 15 mm)
- Double carbon springs and a long carbon base spring enable a smooth rollover and efficient energy return at a wide range of walking speeds
- The unique flexible connection of the carbon springs in the forefoot results in optimal adaptation to varying ground conditions
- Custom shock absorption thanks to three different heel wedge options
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis

### Scope of delivery

1C52	Taleo Harmony		1	Piece(s)
2C15	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F50	Heel wedges for Taleo		1	Set
2Z360	Taleo Harmony functional ring		1	Set
2R117=0	Socket connector		1	Piece(s)
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1506=ALL_INT	Instructions for use   1C51, 1C52 Taleo
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Max. 88 kg  
Size 22 cm



Max. 100 kg  
Size 23-24 cm



Max. 115 kg  
Size 25 cm



Max. 130 kg  
Size 26 cm



Max. 150 kg  
Size 27-30 cm

### Technical data

<b>Mobility grade</b>	2, 3, 4
<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	751 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (22-25 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	980 g*
<b>System height with normal footshell</b>	167 mm*
<b>Build height with normal footshell</b>	185 mm*

\* Technical data refer to the size of 26 cm

· Please order the 4Y383 cosmetic exhaust flange for a cosmetic cover separately.

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Normal activity level	High activity level
up to 51 kg	1	2
52 – 58 kg	2	3
59 – 67 kg	3	4
68 – 77 kg	4	5
78 – 88 kg	5	6
89 – 100 kg	6	7
101 – 115 kg	7	8
116 – 130 kg	8	9
131 – 150 kg	9	–

#### 2 foot size

Stiffness	Foot size								
	1	2	3	4	5	6	7	8	9
22 cm						-	-	-	-
23 cm							-	-	-
24 cm							-	-	-
25 cm								-	-
26 cm								*	-
27 cm	-	-						*	*
28 cm	-	-						*	*
29 cm	-	-	-					*	*
30 cm	-	-	-					*	*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

■ Slim footshell available (15 ± 5 mm heel height) ■ Both footshells available ■ Normal footshell available (10 ± 5 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	<b>P</b>	- /	<b>Colour</b>	<b>Shape</b>
1C52	=	R	26	-	4	P	- /	4	N

## Accessories/spare parts for 1C52



### 2Z360 Taleo Harmony functional ring

The 2Z360 functional ring is a spare part for the 1C52 Taleo Harmony prosthetic foot. The scope of delivery includes the functional ring with two valves, two O-rings, spacer washer and lubricant.

#### Technical data

Article number	Functional ring stiffness	Max. body weight
2Z360=1	1	51 kg
2Z360=2	2	58 kg
2Z360=3	3	67 kg
2Z360=4	4	77 kg
2Z360=5	5	88 kg
2Z360=6	6	100 kg
2Z360=7	7	115 kg
2Z360=8	8	130 kg
2Z360=9	9	150 kg



### 2F51 Taleo bolt cover

The 2F51 bolt cover is a cosmetic cover for the pyramid attachment screws of the 1C50 Taleo and the housing attachment of the 1C51 Taleo Vertical Shock and 1C52 Taleo Harmony. It is available in two different sizes.

#### Technical data

Article number	Size
2F51=22-25	22–25 cm
2F51=26-30	26–30 cm



### 2Z361 Harmony valve with filter

This is a spare part for the 1C52 Taleo Harmony prosthetic foot.

#### Technical data

Article number
2Z361



### 4R142 V4 valve, straight

This is a spare part for the 4R136 V4 valve kit and the 4R136=EL V4 EasyLine valve kit as well as the 1C52 Taleo Harmony and 1C62 Triton Harmony prosthetic feet.

#### Technical data

Article number
4R142



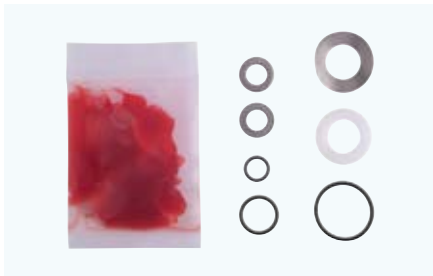
### 4R143 V4 valve, right-angled

This is a spare part for the 4R136 V4 valve kit and the 4R136=EL V4 EasyLine valve kit as well as the 1C52 Taleo Harmony and 1C62 Triton Harmony prosthetic feet.

#### Technical data

Article number
4R143





## 4X148 Harmony P3 service set

The 4X148 service set is a spare part for the Harmony P3 system. It consists of two small and two large spacer washers, three O-rings and a lubricant.

### Technical data

Article number
4X148



## 4Y383 Cosmetic exhaust flange

The 4Y383 is used in prostheses with the Harmony P3 system that have a cosmetic cover. The Harmony flange kit is mounted on the outlet valve of the Harmony to conduct liquids to the outside of the foam cover.

### Technical data

Article number
4Y383



## 1C53 Taleo Low Profile

The 1C53 Taleo Low Profile was designed for active individuals who navigate varied indoor and outdoor environments and place a high value on effortless walking and the ability to go wherever life takes them.

### Key features

- Dual carbon springs enable a smooth rollover and efficient energy return at a wide range of walking speeds
- Flexible connection of the carbon springs in the forefoot results in optimal adaptation to varying ground conditions
- The unique pyramid design enables more controlled forward movement during the rollover than normal with low profile feet
- Customisable shock absorption with three different heel wedge options
- Protected against fresh, salt and chlorinated water
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis
- Low build height

### Scope of delivery

1C53	Taleo Low Profile		1	Piece(s)
2C15	Footshell		1	Piece(s)
2C19	Con- nection cover	with normal footshell	1	Piece(s)
2C20	Con- nection cover	with slim footshell	1	Piece(s)
2F50	Heel wedges for Taleo		1	Set
SL=SPEC- TRA-SOCK-7	Spectra protec- tive sock black		1	Piece(s)

### Information material

647G2009=ALL_INT	Instructions for use   1C50, 1C53 Taleo
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### Technical data

<b>Mobility grade</b>	2, 3, 4
<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	355 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (22-25 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	584 g*
<b>System height with normal footshell</b>	47 mm*
<b>Build height with normal footshell</b>	65 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Normal activity level	High activity level
up to 51 kg	1	2
52 – 58 kg	2	3
59 – 67 kg	3	4
68 – 77 kg	4	5
78 – 88 kg	5	6
89 – 100 kg	6	7
101 – 115 kg	7	8
116 – 130 kg	8	9
131 – 150 kg	9	-

#### 2 foot size

Foot size	Stiffness								
	1	2	3	4	5	6	7	8	9
22 cm						-	-	-	-
23 cm							-	-	-
24 cm							-	-	-
25 cm								-	-
26 cm								*	-
27 cm	-	-						*	*
28 cm	-	-						*	*
29 cm	-	-	-				*	*	*
30 cm	-	-	-				*	*	*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

■ Slim footshell available (15 ± 5 mm heel height)   ■ Both footshells available   ■ Normal footshell available (10 ± 5 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C53	=	L	26	-	4	-	P	/	4	N

## Accessories/spare parts for 1C53



### 2F52 Taleo Low Profile bolt cover

The 2F52 bolt cover is a cosmetic cover for the pyramid attachment screws of the Taleo Low Profile. It is available in two different sizes.

#### Technical data

Article number	Size	for
2F52=1	22-30 cm	stiffness 1-7 (sizes 22-30 cm), stiffness 8 (size 26 cm)
2F52=2	27-30 cm	stiffness 8-9



## 1C58 Taleo Side Flex

The 1C58 Taleo Side Flex was designed for active users who navigate varied indoor and outdoor environments and place a high value on effortless walking as well as a high degree of socket comfort on uneven surfaces.

### Key features

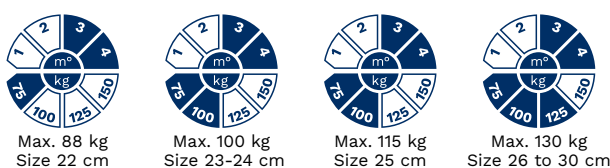
- Terrain adaptation unit for mediolateral adaptation of 20° in total, for immediate and full-surface ground contact while walking and standing, also on uneven surfaces and slopes
- Lateral loads on the knee or in the socket, which are often perceived as irritating, can be reduced
- Double springs and a long carbon base spring enable a smooth rollover and efficient energy return at a wide range of walking speeds
- Unique flexible connection of the carbon springs in the forefoot results in optimal adaptation to varying ground conditions
- Curved underside of the joint unit facilitates more controlled forward movement during rollover compared to low profile feet with a conventional foot adapter
- Three different heel wedge options can be used to customise the impact stress at heel strike as well as the gait dynamics
- Robust, maintenance-free technology
- Protected against fresh, salt and chlorinated water

### Scope of delivery

1C58	Taleo Side Flex		1	Piece(s)
2C15	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F50	Heel wedges for Taleo		1	Set
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1679=ALL_INT	Instructions for use   1C58 Taleo Side Flex
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	130 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	602 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (22-25 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	826 g*
<b>System height with normal footshell</b>	69 mm*
<b>Build height with normal footshell</b>	97 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Normal activity level	High activity level
up to 51 kg	1	2
52 – 58 kg	2	3
59 – 67 kg	3	4
68 – 77 kg	4	5
78 – 88 kg	5	6
89 – 100 kg	6	7
101 – 115 kg	7	8
116 – 130 kg	8	–

#### 2 foot size

Foot size	Stiffness							
	1	2	3	4	5	6	7	8
22 cm						–	–	–
23 cm							–	–
24 cm							–	–
25 cm								–
26 cm								*
27 cm	–	–						*
28 cm	–	–						*
29 cm	–	–	–				*	*
30 cm	–	–	–				*	*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

■ Slim footshell available (15 ± 5 mm heel height) ■ Both footshells available ■ Normal footshell available (10 ± 5 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C58	=	L	26	-	4	-	P	/	4	N

## Accessories/spare parts for 1C50, 1C51, 1C52, 1C53, 1C58



### 2C15=\* Footshell for 1C50, 1C51, 1C52, 1C53 and 1C58

The 2C15 footshell is a protective cover for the 1C50, 1C51, 1C52, 1C53 and 1C58 Taleo prosthetic feet. Its external shape creates a natural appearance. It also features alignment marks that enable straightforward and fast bench alignment as well as openings in the sole of the foot that allow water to drain away.

#### Technical data

Reference number	2C15=*N	2C15=*S
<b>Side</b>	left (L), right (R)	left (L), right (R)
<b>Shape</b>	normal	slim
<b>Size</b>	22-30 cm	22-25 cm
<b>Weight</b>	229 g*	184 g*
<b>Heel height</b>	10 +/- 5 mm	15 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15	beige 4, light brown 15

\* Technical data refer to size 26 cm and 25 cm respectively.

#### Scope of delivery

Reference number	Description	Quantity	Unit
2C15=*	Footshell for 1C50, 1C51, 1C52, 1C53 and 1C58	1	Piece(s)
2C19	Connection cover with slim footshell	1	Piece(s)
2C20	Connection cover with normal footshell	1	Piece(s)

#### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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### 2C19 Connection cover

In combination with the 2C1, 2C6 and 2C15 footshells in the normal foot shape, the 2C19 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

#### Technical data

<b>Reference number</b>	2C19
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-31 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C1=*N, 2C6=*N, 2C15=*N footshells

#### Order example

Reference number	=	Side	Size	/	Colour	Shape
2C19	=	L	26	/	4	N



### 2C20 Connection cover

In combination with the 2C1, 2C3-1, 2C6 and 2C15 footshells in the slim foot shape, the 2C20 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

#### Technical data

<b>Reference number</b>	2C20
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-27 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C1=*S, 2C3-1=*, 2C6=*S, 2C15=S* footshells

#### Order example

Reference number	=	Side	Size	/	Colour
2C20	=	L	26	/	4



### 2F50 Heel wedges for Taleo

The 2F50 heel wedge set contains three heel wedges in various degrees of hardness, permitting individual adaptation of the heel stiffness for the user.

#### Technical data

Article number	Size
2F50=22-25	22-25 cm
2F50=26-28	26-28 cm
2F50=29-30	29-30 cm



## SL=SPECTRA-SOCK-7 **Spectra protective sock black**

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

### Technical data

Article number
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SL=SPECTRA-SOCK-7
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## 1C59 Taleo Adapt

The 1C59 Taleo Adapt was designed for active users who navigate varied indoor and outdoor environments and place a high value on effortless walking wherever life takes them. Its hydraulic ankle unit allows the foot to adapt to uneven surfaces for greater flexibility and comfort.

### Key features

- Hydraulic ankle
- The 2° DF and 10° PF adjustment valves allow resistance to be adjusted to individual user needs
- Three different angle indicator lines show the location of the hydraulic ankle joint (PF, neutral position, DF). These provide the technician with an orientation aid and enable a functionally correct alignment
- Three different heel wedge options can be used to customise the impact stress at heel strike and the gait dynamics
- Openings in the sole of the footshell prevent water from collecting in the prosthesis
- Protected against fresh, salt and chlorinated water



Max. 130 kg  
Size 22 to 30 cm

### Scope of delivery

1C59	Taleo Adapt	1	Piece(s)
2C8	Footshell for 1C56 and 1C59	1	Piece(s)
2C21	Connection cover for 2C70 and 2C8	1	Piece(s)
2F50	Heel wedges for Taleo	1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G1831=ALL_INT	Quick Reference Guide   1C59 Taleo Adapt
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	130 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	622 g*
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	899 g*
<b>System height</b>	115 mm
<b>Build height</b>	134 mm

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	-	Size	-	Stiffness	-	P	/	Colour	Shape
1C59	=	L	-	26	-	4	-	P	/	4	N

## Accessories/spare parts for 1C59



### Scope of delivery

2C8	Footshell for 1C56 and 1C59	1	Piece(s)
2C21	Connection cover for 2C70 and 2C8	1	Piece(s)

### Information material

647G1740=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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## 2C8 Footshell for 1C56 and 1C59

The 2C8 footshell is a protective cover for the 1C56 Taleo Adjust and 1C59 Taleo Adapt prosthetic foot. Its external shape creates a natural appearance and it features openings in the sole of the foot that allow water to drain away.

### Technical data

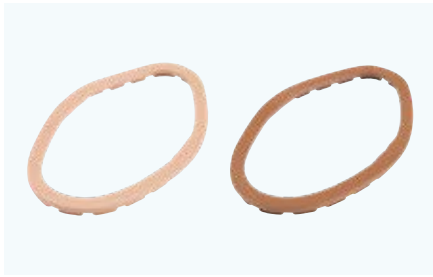
<b>Reference number</b>	2C8
<b>Side</b>	left (L), right (R)
<b>Shape</b>	normal
<b>Size</b>	22-30 cm
<b>Weight</b>	250 g*
<b>Heel height</b>	10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	Size	/	Colour
2C8	=	L	26	/	4

## Accessories/spare parts for 1C59



### 2C21 Connection cover for 2C70 and 2C8

In combination with the 2C70 and 2C8 footshells, the 2C21 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

#### Technical data

<b>Reference number</b>	2C21
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C8=*, 2C70=* footshells

#### Order example

Reference number	=	Side	-	Size	/	Colour
2C21	=	L	-	26/27	/	4



### 2F50 Heel wedges for Taleo

The 2F50 heel wedge set contains three heel wedges in various degrees of hardness, permitting individual adaptation of the heel stiffness for the user.

#### Technical data

Article number	Size
2F50=22-25	22-25 cm
2F50=26-28	26-28 cm
2F50=29-30	29-30 cm



### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK-7
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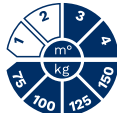


## F21 Maverick Xtreme AT

The Maverick Xtreme AT was designed for highly active users who navigate varied indoor and outdoor environments and place a high value on effortless walking and the ability to go wherever life takes them.

### Key features

- Developed for high loads
- The fibreglass design delivers a high degree of durability and flexibility without limiting energy return
- Split forefoot and heel spring for even better terrain adaptation
- A full length, unbolted sole plate ensures a smooth stance phase rollover
- Protected against fresh, salt and chlorinated water



Max. 166 kg  
Size 23 to 30 cm

### Scope of delivery

F21	Maverick Xtreme AT	1	Piece(s)
FTC-2A-1	Maverick foot-shell	1	Piece(s)
2F11	Heel wedges F21, F22, F23	1	Set
SL=SPECTRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G1715=ALL_INT	Instructions for use   F21, F22 Maverick
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	166 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	23-30 cm
<b>Footshell colour</b>	Beige, light brown
<b>Weight with footshell</b>	798 g*
<b>Heel height</b>	10 mm
<b>Build height</b>	170 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Activity level		
	Low	Moderate	High
44 – 52 kg	1	1	2
53 – 59 kg	1	2	3
60 – 68 kg	2	3	4
69 – 77 kg	3	4	5
78 – 88 kg	4	5	6
89 – 100 kg	5	6	7
101 – 116 kg	6	7	8
117 – 130 kg	7	8	9
131 – 147 kg	8	9	–
148 – 166 kg	9	–	–

#### 2 foot size

Stiffness \ Foot size	Stiffness								
	1	2	3	4	5	6	7	8	9
23 cm							–	–	–
24 cm								–	–
25 cm								–	–
26 cm	–								–
27 cm	–	–							
28 cm	–	–						***	***
29 cm	–	–	–	***	***	***	***	**	**
30 cm	–	–	–	***	***	***	***	**	**

\*\* Do not combine this configuration with a 3B1-2\* or 3B1-3\* Genium

\*\*\* Do not combine this configuration with a 3B1-2\* or 3B1-3\* Genium for body weight > 125 kg

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>
F21	=	L	26	-	4	-	P	/	4



## F23 Maverick Vertical Shock

The Maverick Vertical Shock was designed for very active users who navigate varied indoor and outdoor environments and place a high value on effortless walking and the ability to go wherever life takes them.

### Key features

- Effectively absorbs torsion (+/- 10°) to relieve the residual limb and boost comfort in everyday life in combination with vertical shock absorption (up to 15 mm)
- Innovative spring design delivers a high degree of durability and flexibility without limiting energy return
- Split forefoot and heel spring for even better terrain adaptation
- Thanks to the heel wedges, both the impact stress at heel strike and the gait dynamics can be customised to individual needs
- A full length and flexibly connected sole plate ensures a smooth stance phase rollover
- Weatherproof

### Scope of delivery

F23	Maverick Vertical Shock	1	Piece(s)
FTC-2A-1	Maverick footshell	1	Piece(s)
2F11	Heel wedges F21, F22, F23	1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)



Max. 147 kg  
Size 23 to 30 cm

### Information material

647G2013=ALL_INT	Instructions for use   F23 Maverick Vertical Shock
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	147 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	23-30 cm
<b>Footshell colour</b>	Beige, light brown
<b>Weight with footshell</b>	1072 g*
<b>Heel height</b>	10 mm
<b>Build height</b>	217 mm*

\* Technical data refer to the size of 26 cm

### Selection of the spring stiffness relative to

#### 1 body weight and activity as well as

Body weight	Activity level		
	Low	Moderate	High
44 – 52 kg	1	1	2
53 – 59 kg	1	2	3
60 – 68 kg	2	3	4
69 – 77 kg	3	4	5
78 – 88 kg	4	5	6
89 – 100 kg	5	6	7
101 – 116 kg	6	7	8
117 – 130 kg	7	8	9
131 – 147 kg	8	9	–

#### 2 foot size

Foot size	Stiffness								
	1	2	3	4	5	6	7	8	9
23 cm							–	–	–
24 cm								–	–
25 cm								–	–
26 cm	–					available			–
27 cm	–	–							
28 cm	–	–							
29 cm	–	–	–						
30 cm	–	–	–						

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>
F23	=	L	26	-	4	-	P	/	4

## Accessories/spare parts for F21, F23



### 2F11 Heel wedges F21, F22, F23

The 2F11 heel wedge set contains two heel wedges to customise the heel stiffness for the user. The double-sided adhesive tape included in the scope of delivery is used to secure the heel wedges.

#### Technical data

Article number
2F11=1



### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

#### Technical data

Article number
SL=SPECTRA-SOCK-7



## 1C60 Triton

The 1C60 Triton is a versatile carbon prosthetic foot that is perfect for meeting the needs of highly active individuals who navigate varied indoor and outdoor environments and place a high value on uncompromised response.

### Key features

- The linear spring design provides the level of support in the stance phase that is needed for activities where rapid responses are essential
- Customisable shock absorption with two heel wedge options
- Suitable for a broad range of applications, from everyday life to demanding occupations to recreational sports
- Slim footshell option

### Scope of delivery

1C60	Triton		1	Piece(s)
2C6	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F60	Heel wedges for Triton		1	Set
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1288=ALL_INT	Instructions for use   1C68 Triton side flex
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reddot award 2015 winner



Max. 100 kg  
Size 21–24 cm



Max. 150 kg  
Size 25 to 30 cm



Max. 125 kg  
Size 25 to 30 cm

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight MG 3</b>	150 kg
<b>Max. body weight MG 4</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	21–30 cm
<b>Weight (without footshell)</b>	460 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (21-27 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	680 g*
<b>System height with normal footshell</b>	131 mm*
<b>Build height with normal footshell</b>	149 mm*

\* Technical data refer to the size of 26 cm

- This foot can be equipped with a custom silicone cover.

### Stiffness chart

Foot size \ Body weight	Foot size									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>up to 55 kg</b>	1	1	1	1	1	1	-	-	-	-
<b>56 – 75 kg</b>	2	2	2	2	2	2	2	2	2	2
<b>76 – 100 kg</b>	3	3	3	3	3	3	3	3	3	3
<b>101 – 125 kg</b>	-	-	-	-	4	4	4	4	4*	4*
<b>126 – 150 kg</b>	-	-	-	-	5	5	5*	5*	5*	5*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

- Slim footshell available (15 mm heel height)
- Both footshells available
- Normal footshell available (10 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C60	=	L	26	-	3	-	P	/	4	N



## 1C61 Triton Vertical Shock

The 1C61 Triton Vertical Shock is a prosthetic foot for highly active individuals who navigate varied indoor and outdoor environments and place a high value on uncompromised response. It offers a high degree of shock absorption and torsion capability – for noticeable relief of the residual limb and improved stability.

### Key features

- The linear spring design provides the level of support in the stance phase that is needed for activities where rapid responses are essential
- Increased vertical shock absorption and torsion capability
- Customisable shock absorption with two heel wedge options
- Suitable for a broad range of applications, from everyday life to demanding occupations to recreational sports
- Slim footshell option

### Scope of delivery

1C61	Triton Vertical Shock		1	Piece(s)
2C6	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F60	Heel wedges for Triton		1	Set
4X260	Functional ring		1	Piece(s)
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G674=ALL_INT	Instructions for use   1C61 Triton Vertical Shock Prosthetic Foot
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Max. 100 kg  
Size 21–24 cm



Max. 150 kg  
Size 25 to 30 cm



Max. 125 kg  
Size 25 to 30 cm

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight MG 3</b>	150 kg
<b>Max. body weight MG 4</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	21–30 cm
<b>Weight (without footshell)</b>	760 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (21–27 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24–30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	980 g*
<b>System height with normal footshell</b>	177 mm*
<b>Build height with normal footshell</b>	195 mm*

\* Technical data refer to the size of 26 cm

- This foot can be equipped with a custom silicone cover.

### Stiffness chart (spring stiffness – functional ring stiffness)

Foot size	Foot size									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>Body weight</b>	<b>1-0 Special order – Please contact Customer Service</b>									
<b>40 – 47 kg</b>	1-1	1-1	1-1	1-1	1-1	1-1	-	-	-	-
<b>48 – 55 kg</b>	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2
<b>56 – 65 kg</b>	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3
<b>66 – 75 kg</b>	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
<b>76 – 87 kg</b>	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5
<b>88 – 100 kg</b>	-	-	-	-	4-6	4-6	4-6	4-6	4-6*	4-6*
<b>101 – 112 kg</b>	-	-	-	-	4-7	4-7	4-7	4-7	4-7*	4-7*
<b>113 – 125 kg</b>	-	-	-	-	5-8	5-8	5-8*	5-8*	5-8*	5-8*
<b>126 – 137 kg</b>	-	-	-	-	5-9	5-9	5-9	5-9	5-9	5-9
<b>138 – 150 kg</b>	-	-	-	-	5-9	5-9	5-9	5-9	5-9	5-9

\* Do not combine this configuration with 3C88-3/3C98-3 a C-Leg 4.

- slim footshell available (15 mm heel height)
- both footshells available
- normal footshell available (10 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	-	<b>Size</b>	-	<b>Spring stiffness</b>	-	<b>Functional ring stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C61	=	L	-	26	-	3	-	5	-	P	/	4	N

## Accessories/spare parts for 1C61



### 4X260 Functional ring

The 4X260 functional ring is a component of the 1C61 Triton Vertical Shock prosthetic foot. It is available as a spare part in various stiffness categories adapted to the corresponding weight classification of the foot.

#### Technical data

Article number	Max. body weight	Functional ring stiffness
4X260=0	40 - 47 kg	0
4X260=1	48 - 55 kg	1
4X260=2	56 - 65 kg	2
4X260=3	66 - 75 kg	3
4X260=4	76 - 87 kg	4
4X260=5	88 - 100 kg	5
4X260=6	101 - 112 kg	6
4X260=7	113 - 125 kg	7
4X260=8	126 - 137 kg	8
4X260=9	138 - 150 kg	9



## 1C62 Triton Harmony

The 1C62 Triton Harmony is a versatile carbon prosthetic foot that is perfect for meeting the needs of highly active individuals who navigate varied indoor and outdoor environments and place a high value on uncompromised response. It is a highly functional and compact prosthetic foot with integrated Harmony vacuum technology.

### Key features

- The linear spring design provides the level of support in the stance phase that is needed for activities where rapid responses are essential
- Integrated Harmony pump for use with an active vacuum
- Increased vertical shock absorption and torsion capability
- Customisable shock absorption with two heel wedge options
- Suitable for a broad range of applications, from everyday life to demanding occupations to recreational sports
- Slim footshell option

### Scope of delivery

1C62	Triton Harmony		1	Piece(s)
2C6	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F60	Heel wedges for Triton		1	Set
4X147	Functional ring for Harmony P3		1	Piece(s)
2R117	Socket connector		1	Piece(s)
4Y383	Cosmetic exhaust flange		1	Piece(s)
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1	Piece(s)



### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight MG 3</b>	150 kg
<b>Max. body weight MG 4</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	21–30 cm
<b>Weight (without footshell)</b>	760 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (21-27 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	980 g*
<b>System height with normal footshell</b>	177 mm*
<b>Build height with normal footshell</b>	195 mm*

\* Technical data refer to the size of 26 cm

### Information material

647G675=ALL_INT	Instructions for use   1C62 Triton Harmony Prosthetic Foot
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- This foot can be equipped with a custom silicone cover.

### Stiffness chart (spring stiffness – functional ring stiffness)

Foot size \ Body weight	Foot size									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>40 – 47 kg</b>	1-0 Special order – Please contact Customer Service						-	-	-	-
<b>48 – 55 kg</b>	1 - 1	1 - 1	1 - 1	1 - 1	1 - 1	1 - 1	-	-	-	-
<b>56 – 65 kg</b>	2 - 2	2 - 2	2 - 2	2 - 2	2 - 2	2 - 2	2 - 2	2 - 2	2 - 2	2 - 2
<b>66 – 75 kg</b>	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
<b>76 – 87 kg</b>	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4
<b>88 – 100 kg</b>	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5
<b>101 – 112 kg</b>	-	-	-	-	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6*	4 - 6*
<b>113 – 125 kg</b>	-	-	-	-	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7*	4 - 7*
<b>126 – 137 kg</b>	-	-	-	-	5 - 8	5 - 8	5 - 8*	5 - 8*	5 - 8*	5 - 8*
<b>138 – 150 kg</b>	-	-	-	-	5 - 9	5 - 9	5 - 9	5 - 9	5 - 9	5 - 9

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

■ Slim footshell available (15 mm heel height)   ■ Both footshells available   ■ Normal footshell available (10 mm heel height)

### Order example

Reference number	=	Side	Size	-	Spring stiffness	-	Functional ring stiffness	-	P /	Colour	Shape
1C62	=	L	26	-	2	-	3	-	P /	4	N

## Accessories/spare parts for 1C62



### 4X147 Functional ring for Harmony P3

The 4X147 functional ring is a spare part for the 4R147 Harmony P3 and the 1C62 Triton Harmony prosthetic foot. The scope of delivery includes the functional ring with two valves, two O-rings, spacer washer and lubricant.

#### Technical data

Article number	Max. body weight	Functional ring stiffness
4X147=0	150 kg	0
4X147=1	150 kg	1
4X147=2	150 kg	2
4X147=3	150 kg	3
4X147=4	150 kg	4
4X147=5	150 kg	5
4X147=6	150 kg	6
4X147=7	150 kg	7
4X147=8	150 kg	8
4X147=9	150 kg	9

· The 4X147=8 and 4X147=9 may only be used for the 1C62 Triton Harmony.



### 2R117 Socket connector

The socket connector forms the connection between the socket and Harmony pump.

#### Technical data

Article number
2R117=0

· For use with SL=P091 PU adhesive.



### 4Y383 Cosmetic exhaust flange

The 4Y383 is used in prostheses with the Harmony P3 system that have a cosmetic cover. The Harmony flange kit is mounted on the outlet valve of the Harmony to conduct liquids to the outside of the foam cover.

#### Technical data

Article number
4Y383





## 1C63 Triton Low Profile

The 1C63 Triton Low Profile is a prosthetic foot for highly active individuals who navigate varied indoor and outdoor environments and place a high value on uncompromised response. It is a carbon foot for users with limited space for integration.

### Key features

- The linear spring design provides the level of support in the stance phase that is needed for activities where rapid responses are essential
- Low build height
- Waterproof and corrosion-resistant
- Robust titanium adapter
- Customisable shock absorption with two heel wedge options
- Suitable for a broad range of applications, from everyday life to demanding occupations to recreational sports
- Slim footshell option

### Scope of delivery

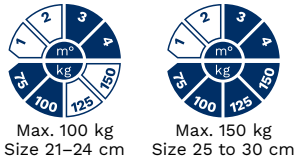
1C63	Triton Low Profile		1	Piece(s)
2C6	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F60	Heel wedges for Triton		1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1288=ALL_INT	Instructions for use   1C68 Triton side flex
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-30 cm
<b>Weight (without footshell)</b>	415 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (21-27 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	635 g*
<b>System height with normal footshell</b>	45 mm*
<b>Build height with normal footshell</b>	63 mm*

\* Technical data refer to the size of 26 cm

- This foot can be equipped with a custom silicone cover.

### Stiffness chart

Foot size	Foot size									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>Body weight</b>										
<b>up to 55 kg</b>	1	1	1	1	1	1	-	-	-	-
<b>56 – 75 kg</b>	2	2	2	2	2	2	2	2	2	2
<b>76 – 100 kg</b>	3	3	3	3	3	3	3	3	3	3
<b>101 – 125 kg</b>	-	-	-	-	4	4	4	4	4*	4*
<b>126 – 150 kg</b>	-	-	-	-	5	5	5*	5*	5*	5*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

■ Slim footshell available (15 mm heel height)   ■ Both footshells available   ■ Normal footshell available (10 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	=	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C63	=	L	=	26	-	3	-	P	/	4	N



## 1C64 Triton Heavy Duty

The 1C64 Triton Heavy Duty is a prosthetic foot for highly active individuals who navigate varied indoor and outdoor environments and place a high value on uncompromised response. It is ideally suited for particularly challenging conditions at work or play.

### Key features

- The linear spring design provides the level of support in the stance phase that is needed for activities where rapid responses are essential
- Waterproof and corrosion-resistant
- Robust titanium adapter
- Customisable shock absorption with two heel wedge options
- Suitable for a broad range of applications, from everyday life to demanding occupations to recreational sports
- Slim footshell option

### Scope of delivery

1C64	Triton Heavy Duty		1	Piece(s)
2C6	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F60	Heel wedges for Triton		1	Set
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1218=ALL_INT	Instructions for use   1C60, 1C63, 1C64
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Max. 100 kg  
Size 21–24 cm



Max. 150 kg  
Size 25 to 30 cm

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	150 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	21–30 cm
<b>Weight (without footshell)</b>	535 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (21-27 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	755 g*
<b>System height with normal footshell</b>	131 mm*
<b>Build height with normal footshell</b>	149 mm*

\* Technical data refer to the size of 26 cm

- This foot can be equipped with a custom silicone cover.

### Stiffness chart

Foot size \ Body weight	Foot size									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>up to 55 kg</b>	1	1	1	1	1	1	-	-	-	-
<b>56 – 75 kg</b>	2	2	2	2	2	2	2	2	2	2
<b>76 – 100 kg</b>	3	3	3	3	3	3	3	3	3	3
<b>101 – 125 kg</b>	-	-	-	-	4	4	4	4	4*	4*
<b>126 – 150 kg</b>	-	-	-	-	5	5	5*	5*	5*	5*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

- Slim footshell available (15 mm heel height)
- Both footshells available
- Normal footshell available (10 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C64	=	L	26	-	3	-	P	/	4	N



## 1C68 Triton side flex

The 1C68 Triton side flex was designed for highly active individuals who navigate varied indoor and outdoor environments and place a high value on uncompromised response. It is the first prosthetic foot to provide such extraordinary lateral adaptability and adjusts to the current situation immediately.

### Key features

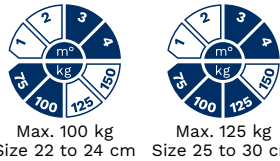
- Unique lateral adaptability of +/- 10° for immediate and full-surface ground contact while walking and standing, also on uneven surfaces and slopes
- Enhanced feeling of safety and improved socket comfort
- The linear spring design provides the level of support in the stance phase that is needed for activities where rapid responses are essential
- Customisable shock absorption with two different heel wedge options
- Robust, maintenance-free technology
- Low build height
- Waterproof and corrosion-resistant
- Slim footshell option

### Scope of delivery

1C68	Triton side flex		1	Piece(s)
2C6	Footshell		1	Piece(s)
2C19	Connection cover	with normal footshell	1	Piece(s)
2C20	Connection cover	with slim footshell	1	Piece(s)
2F60	Heel wedges for Triton		1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1288=ALL_INT	Instructions for use   1C68 Triton side flex
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-30 cm
<b>Weight (without footshell)</b>	585 g*
<b>Footshell shape</b>	Slim shape (S) for a heel height of 15 +/- 5 mm (22-27 cm) Normal shape (N) for a heel height of 10 +/- 5 mm (24-30 cm)
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	805 g*
<b>System height with normal footshell</b>	68 mm*
<b>Build height with normal footshell</b>	68 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart\*

Foot size	Foot size								
	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>Body weight</b>									
<b>up to 55 kg</b>	1	1	1	1	1	-	-	-	-
<b>56 – 75 kg</b>	2	2	2	2	2	2	2	2	2
<b>76 – 100 kg</b>	3	3	3	3	3	3	3	3	3
<b>101 – 125 kg</b>	-	-	-	4	4	4**	4**	4**	4**

\* Please read the 1C68 instructions for use regarding potentially excluded combinations of configurations with Ottobock structural components.

\*\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

- Slim footshell available (15 ± 5 mm heel height)
- Both footshells available
- Normal footshell available (10 ± 5 mm heel height)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>	<b>Shape</b>
1C68	=	L	26	-	3	-	P	/	4	N

# Accessories/spare parts for 1C60, 1C61, 1C62, 1C63, 1C64, 1C68



## 2C6 Footshell

The 2C6 footshell is a protective cover for the Triton prosthetic feet. Its external shape creates a natural appearance in the slim or normal version. It is available in the colours beige and light brown.

### Technical data

Reference number	2C6=*N	2C6=*S
Side	left (L), right (R)	left (L), right (R)
Shape	normal	slim
Size	21-30 cm	21-27 cm
Weight	220 g*	200 g*
Heel height	10 +/- 5 mm	15 +/- 5 mm
Colour	beige 4, light brown 15	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Scope of delivery

Article number	Description	Quantity	Unit
2C6	Footshell	1	Piece(s)
2C19	Connection cover with normal footshell	1	Piece(s)
2C20	Connection cover with slim footshell	1	Piece(s)

### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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### Order example

Reference number	=	Side	Size	/	Colour	Shape
2C6	=	L	26	/	4	N



## 2C19 Connection cover

In combination with the 2C1, 2C6 and 2C15 footshells in the normal foot shape, the 2C19 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

Reference number	2C19
Side	left (L), right (R)
Size	22-31 cm
Colour	beige 4, light brown 15
for	2C1=*N, 2C6=*N, 2C15=*N footshells

### Order example

Reference number	=	Side	Size range	/	Colour
2C19	=	L	26-28	/	4



## 2C20 Connection cover

In combination with the 2C1, 2C3-1, 2C6 and 2C15 footshells in the slim foot shape, the 2C20 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

Reference number	2C20
Side	left (L), right (R)
Size	21-27 cm
Colour	beige 4, light brown 15
for	2C1=*S, 2C3-1=*, 2C6=*S, 2C15=S* footshells

### Order example

Reference number	=	Side	Size	/	Colour
2C20	=	L	26	/	4



## 2F60 Heel wedges for Triton

The 2F60 heel wedge set consists of a soft transparent wedge and a stiff black wedge for customising the heel characteristics.

### Technical data

Article number	Size
2F60=21-22	21-22 cm
2F60=23-24	23-24 cm
2F60=25-26	25-26 cm
2F60=27-28	27-28 cm
2F60=29-30	29-30 cm



## SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

### Technical data

<b>Article number</b>
SL=SPECTRA-SOCK-7



## 88A20 Custom silicone covers for the lower limbs



For many users, a natural outward appearance is just as important as the functional benefits of a prosthesis. With high-end, custom-made silicone covers for leg prostheses, Ottobock gives you the opportunity to make this dream come true for your users. The Ottobock iFab acts as your extended workbench for the fabrication of aesthetically pleasing silicone covers, as they are made to your precise and individual specifications – quickly, reliably and in the highest quality.

### Technical data

#### Information material

647F666=EN_MASTER	Order form   Lower limb silicone cover
647F285=GB	Technician brochure   Colour determination

You will find further information on custom silicone covers for the lower limbs in the “Prosthesis covers” section.

Article image	Article number	Description	Product features
	88A20=C	Custom silicone covers “Classic” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in two to three colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A20=N	Custom silicone covers “Natural” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in 8-10 colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

- With jointless feet (e.g. 1D10, 1D35), a small gap can be modelled next to the big toe (big toe separation). This makes it possible to wear flip-flops with the prosthesis.
- For the “Natural” variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- Suitable for all Triton prosthetic feet except the 1C68 Triton side flex.



## R11 Renegade AT

The R11 Renegade AT is suitable for active and highly active users in mobility grades 3–4 with a body weight of up to 166 kg.

### Key features

- The EnduraCore technology offers high durability and energy return
- The split-toe design provides +/- 15° pronation and supination for improved stability
- Z-Shock-Technology reduces shear forces affecting the skin in the socket, enhancing user comfort
- Lightweight construction
- Protected against fresh, salt and chlorinated water



Max. 166 kg  
Size 22 to 31 cm

### Scope of delivery

R11	Renegade AT		1	Piece(s)
FTC-3M-1	Standard footshell (without cap)	alternative	1	Piece(s)
FTC-3M-0	Standard footshell (with cap)	alternative	1	Piece(s)
CAP-3M-P	FTC-3M-0 Connection cover	with FTC-3M-0 footshell	1	Piece(s)
KIT-00-11*	Renegade heel wedges		1	Piece(s)
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1	Piece(s)

### Information material

647G1721=ALL_INT	Instructions for use   R11 Renegade AT, R16 Renegade AT LP
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	166 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-31 cm
<b>Footshell colour</b>	beige L, middle M, light brown D
<b>Weight (with footshell)</b>	765 g*
<b>Heel height</b>	10 mm
<b>Build height</b>	184 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Body weight	Activity level		
	Low	Moderate	High
44 – 52 kg	1	1	2
53 – 59 kg	1	2	3
60 – 68 kg	2	3	4
69 – 77 kg	3	4	5
78 – 88 kg	4	5	6
89 – 100 kg	5	6	7
101 – 116 kg	6	7	8
117 – 130 kg	7	8	9
131 – 147 kg	8	9	–
148 – 166 kg	9	–	–

### Order example

Reference number foot	-	00	-	0	Stiffness	A	Size	-	RU
R11	-	00	-	0	4	A	26	-	RU

Reference number footshell	-	Cap	Size	Colour	4	-	R	Side
FTC-3M	-	1	26	L	4	-	R	L



## R16 Renegade LP-AT

The R16 Renegade LP-AT is suitable for active and highly active users in mobility grades 3–4 with a body weight of up to 166 kg.

### Key features

- The EnduraCore technology offers high durability and energy return
- The split-toe design provides +/- 15° pronation and supination for improved stability
- Z-Shock-Technology reduces shear forces affecting the skin in the socket, enhancing user comfort
- Low build height
- Lightweight construction
- Protected against fresh, salt and chlorinated water



Max. 166 kg  
Size 22 to 31 cm

### Scope of delivery

R16	Renegade LP-AT		1	Piece
FTC-3M-1	Standard footshell (without cap)	alternative	1	Piece
FTC-3M-0	Standard footshell (with cap)	alternative	1	Piece
CAP-3M-P	FTC-3M-0 Connection cover	with FTC-3M-0 footshell	1	Piece
KIT-00-11*	Renegade heel wedges		1	Piece
SL=SPECTRA-SOCK-7	Spectra protective sock black		1	Piece

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	166 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-31 cm
<b>Footshell colour</b>	beige, middle, light brown
<b>Weight (with footshell)</b>	760 g
<b>Heel height</b>	10 mm
<b>Build height</b>	140 mm

\* Technical data refer to the size of 26 cm

### Information material

647G1721=ALL_INT	Instructions for use   R11 Renegade AT, R16 Renegade AT LP
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### Stiffness chart

Body weight	Activity level		
	Low	Moderate	High
44 – 52 kg	1	1	2
53 – 59 kg	1	2	3
60 – 68 kg	2	3	4
69 – 77 kg	3	4	5
78 – 88 kg	4	5	6
89 – 100 kg	5	6	7
101 – 116 kg	6	7	8
117 – 130 kg	7	8	9
131 – 147 kg	8	9	–
148 – 166 kg	9	–	–

### Order example

Reference number foot	-	00	-	0	Stiffness	A	Size	-	RU
R16	-	00	-	0	4	A	26	-	RU

Reference number footshell	-	Cap	Size	Colour	4	-	R	Side
FTC-3M	-	1	26	L	4	-	R	L



## Accessories/spare parts for R11, R16



### FTC-3M-1 Standard footshell (without cap)

The FTC-3M-1\* footshell is the standard capless protective cover for the Renegade AT and Renegade LP-AT prosthetic feet. Its external shape creates a natural appearance. It is available in the colours light, medium and dark.

#### Technical data

Reference number	FTC-3M-1
Side	left (L), right (R)
Size	22-31 cm
Colour	light L, middle M, dark D

#### Scope of delivery

FTC-3M-1	Standard footshell (without cap)	1	Piece(s)
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#### Information material

647G1733=ALL_INT	Instructions for use   FTC* Footshell
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#### Order example

Reference number	Size	Colour	4	-	R	Side
FTC-3M-1	26	L	4	-	R	L



### FTC-3M-0 Standard footshell (with cap)

The FTC-3M-0\* footshell is the standard protective cover with cap for the Renegade AT and Renegade LP-AT prosthetic feet. Its external shape creates a natural appearance. It is available in the colours light, medium and dark.

#### Technical data

Reference number	FTC-3M-0
Side	left (L), right (R)
Size	22-31 cm
Colour	light L, middle M, dark D

#### Scope of delivery

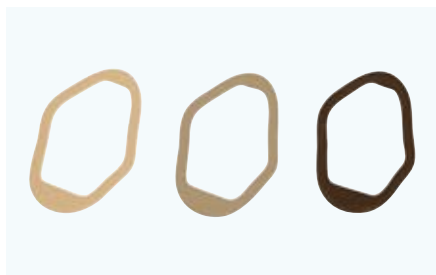
FTC-3M-0	Standard footshell (with cap)	1	Piece(s)
CAP-3M-P	FTC-3M-0 Connection cover	1	Piece(s)

#### Information material

647G1733=ALL_INT	Instructions for use   FTC* Footshell
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#### Order example

Reference number	Size	Colour	4	-	R	Side
FTC-3M-0	26	L	4	-	R	L



### CAP-3M-P FTC-3M-0 Connection cover

In combination with the FTC-3M-0\* footshell, the CAP-3M-P connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

#### Technical data

Article number	CAP-3M-P03*	CAP-3M-P04*	CAP-3M-P05*
Side	left (L), right (R)	left (L), right (R)	left (L), right (R)
Size	22-25 cm	26-28 cm	29-31 cm
Colour	light L, middle M, dark D	light L, middle M, dark D	light L, middle M, dark D
for	FTC-3M-0 Footshell	FTC-3M-0 Footshell	FTC-3M-0 Footshell

#### Scope of delivery

CAP-3M-P	FTC-3M-0 Connection cover	1	Piece(s)
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#### Order example

Reference number	Size	Colour	4	-	R	Side
CAP-3M-P	3	L	4	-	R	L





## KIT-00-11\* **Renegade heel wedges**

The heel wedge set included with the Renegade contains a heel wedge that can be shortened manually to customise the heel stiffness for the user. The set also includes double-sided adhesive tape.

### Technical data

Article number	Size
KIT-00-11600-00	22-25 cm
KIT-00-11700-00	26-28 cm
KIT-00-11800-00	29-31 cm



## SL=SPECTRA-SOCK-7 **Spectra protective sock black**

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

### Technical data

Article number
SL=SPECTRA-SOCK-7



## 1E56 Axtion

The 1E56 Axtion is a compact and lightweight prosthetic foot for active users. The combination of flexible carbon springs and elastic polyurethane offers the right support in all gait phases for users in both everyday activities and light recreational sports.

### Key features

- Lightweight carbon-polyurethane design with especially low structural height
- Effective shock absorption
- Individually adaptable heel stiffness
- Compensation of smaller surface irregularities
- Good forefoot dynamics and energy return for powerful and controlled toe-off



Max. 125 kg

### Scope of delivery

1E56	Axtion	1	Piece(s)
2F20	Heel wedge for Axtion	1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G493=ALL_INT	Instructions for use   1E56 Axtion
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reddot design award winner 2005

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	125 kg
<b>Side</b>	universal
<b>Size</b>	22-31 cm
<b>Weight (without footshell)</b>	355 g*
<b>Footshell shape</b>	Normal shape (N) for a heel height of 13 +/- 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	580 g*
<b>System height with normal footshell</b>	35 mm*
<b>Build height with normal footshell</b>	53 mm*

\* Technical data refer to the size of 26 cm

- The footshell is not included in the scope of delivery. It must be ordered separately as an accessory.
- This foot can be equipped with a custom silicone cover.

### Stiffness chart

Foot size \ Body weight	Foot size									
	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm	31 cm
<b>up to 50 kg</b>	1	1	1	1	1	1	1	1	1	1
<b>51 – 65 kg</b>	2	2	2	2	2	2	2	2	2	2
<b>66 – 85 kg</b>	3	3	3	3	3	3	3	3	3	3
<b>86 – 100 kg</b>	4	4	4	4	4	4	4	4	4	4
<b>101 – 125 kg</b>	5	5	5	5	5	5	5	5	5	5

■ no stock items ■ stock items

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	-	<b>P</b>	/	<b>Colour</b>
1E56	=	N	26	-	3	-	P	/	0

## Accessories/spare parts for 1E56



### Scope of delivery

2C5	Footshell	1	Piece(s)
2C10	Connection cover	1	Piece(s)

### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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## 2C5 Footshell

The 2C5 footshell is a protective cover for the 1E\* prosthetic feet. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

### Technical data

<b>Reference number</b>	2C5
<b>Side</b>	left (L), right (R)
<b>Shape</b>	normal
<b>Size</b>	22–31 cm
<b>Weight</b>	225 g*
<b>Heel height</b>	10+/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Order example

Reference number	=	Side	Size	/	Colour
2C5	=	L	26	/	4



## 2C10 Connection cover

In combination with the 2C3-1 and 2C5 footshells in the normal foot shape or the 1D35 Dynamic Motion, the 2C10 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C10
<b>Side</b>	left (L), right (R)
<b>Size</b>	21–31 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C3-1=* and 2C5=* footshells 1D35=* Dynamic Motion (sizes 21–22 cm)

### Order example

Reference number	=	Side	Size range	/	Colour
2C10	=	L	26–28	/	4



## 2F20 Heel wedge for Axtion

The 2F20 heel wedge set consists of a soft transparent wedge and a stiff black wedge for customising the heel characteristics.

### Technical data

<b>Article number</b>	<b>Size</b>
2F20=22–25	22–25 cm
2F20=26–31	26–31 cm



## SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK-7
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## 88A20 Custom silicone covers for the lower limbs



For many users, a natural outward appearance is just as important as the functional benefits of a prosthesis. With high-end, custom-made silicone covers for leg prostheses, Ottobock gives you the opportunity to make this dream come true for your users. The Ottobock iFab acts as your extended workbench for the fabrication of aesthetically pleasing silicone covers, as they are made to your precise and individual specifications – quickly, reliably and in the highest quality.

### Information material

647F666=EN_MASTER	Order form   Lower limb silicone cover
647F285=GB	Technician brochure   Colour determination

You will find further information on custom silicone covers for the lower limbs in the “Prosthesis covers” section.

### Technical data

Article image	Article number	Description	Product features
	88A20=C	Custom silicone covers “Classic” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in two to three colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A20=N	Custom silicone covers “Natural” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in 8-10 colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

- With jointless feet (e.g. 1D10, 1D35), a small gap can be modelled next to the big toe (big toe separation). This makes it possible to wear flip-flops with the prosthesis.
- For the “Natural” variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- Suitable for all Triton prosthetic feet except the 1C68 Triton side flex.



## 1C40 C-Walk

The 1C40 C-Walk is designed for users who want a prosthetic foot with multi-axial mobility, flexible shock absorption at heel strike and comfortable walking uphill and on inclines. It is suitable for users in mobility grades 3–4 and a body weight of up to 100 kg.

### Key features

- Controlled plantar flexion up to 12°
- Multi-axial mobility to compensate for uneven surfaces
- Reduction of strain on the sound limb
- Elastic damping at heel strike
- Physiological rollover
- Smooth transition from the stance phase to the swing phase
- Comfortable walking uphill and downhill



Max. 75 kg  
Size 24 to 25 cm



Max. 100 kg  
Size 26 to 30 cm

### Scope of delivery

1C40	C-Walk	1	Piece(s)
2C4	Footshell	1	Piece(s)
2C11	Connection cover	1	Piece(s)

### Information material

647G1520=ALL_INT	Instructions for use   1C40 C-Walk
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### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	100 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-30
<b>Weight (without footshell)</b>	480 g*
<b>Footshell shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	695 g*
<b>System height with normal footshell</b>	81 mm*
<b>Build height with normal footshell</b>	99 mm*

\* Technical data refer to the size of 26 cm

- This foot can be equipped with a custom silicone cover.

### Order example

Reference number	=	Side	Size	-	0	-	P	/	Colour
1C40	=	L	26	-	0	-	P	/	4

## Accessories/spare parts for 1C40



## 2C4 Footshell

The 2C4 footshell is a protective cover for the 1C40 C-Walk prosthetic foot. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

### Technical data

<b>Reference number</b>	2C4
<b>Side</b>	left (L), right (R)
<b>Shape</b>	normal
<b>Size</b>	24-30 cm
<b>Weight</b>	215 g*
<b>Heel height</b>	10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Scope of delivery

2C4	Footshell	1	Piece(s)
2C11	Connection cover	1	Piece(s)

### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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### Order example

Reference number	=	Side	Size	/	Colour
2C4	=	L	26	/	4



## 2C11 Connection cover

In combination with the 2C4 footshell or the 1D35 Dynamic Motion, the 2C11 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C11
<b>Side</b>	left (L), right (R)
<b>Size</b>	23-30 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C4=* footshell 1D35=* Dynamic Motion (sizes 23-30 cm)

### Order example

Reference number	=	Side	Size range	/	Colour
2C11	=	L	26-28	/	4



## 88A20 Custom silicone covers for the lower limbs



For many users, a natural outward appearance is just as important as the functional benefits of a prosthesis. With high-end, custom-made silicone covers for leg prostheses, Ottobock gives you the opportunity to make this dream come true for your users. The Ottobock iFab acts as your extended workbench for the fabrication of aesthetically pleasing silicone covers, as they are made to your precise and individual specifications – quickly, reliably and in the highest quality.

### Technical data

#### Information material

647F666=EN_MASTER	Order form   Lower limb silicone cover
647F285=GB	Technician brochure   Colour determination

You will find further information on custom silicone covers for the lower limbs in the “Prosthesis covers” section.

Article image	Article number	Description	Product features
	88A20=C	Custom silicone covers “Classic” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in two to three colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A20=N	Custom silicone covers “Natural” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in 8-10 colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

- With jointless feet (e.g. 1D10, 1D35), a small gap can be modelled next to the big toe (big toe separation). This makes it possible to wear flip-flops with the prosthesis.
- For the “Natural” variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- Suitable for all Triton prosthetic feet except the 1C68 Triton side flex.



## 1B1-2 Meridium

The individually adjustable 1B1-2 Meridium prosthetic foot features an especially close approximation of the anatomy of the human foot. The four-axis design with intelligent hydraulic control in real time and a very large range of motion is moveable in the area of the ankle, foot and toes and adapts with no time delay.

### Key features

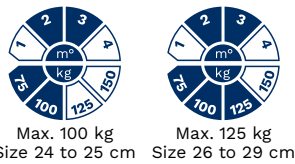
- Natural motion sequence while walking
- Range of motion of 36.5° (22° PF; 14.5° DF)
- Automatic real-time adjustment to uneven terrain, ramps and slopes
- Intuitive stance permits stable standing on level ground and slopes
- Reduced risk of stumbling thanks to increased ground clearance in the swing phase
- Lets the user descend stairs more safely with full-foot contact
- Relief function provides a comfortable, more natural foot position while sitting
- Automatic heel height adjustment from 0 to 5 cm so shoes can be changed easily
- Weatherproof with IP54

### Scope of delivery

1B1-2	Meridium	1	Piece(s)
2C7	Footshell	1	Piece(s)
4G872	Set of cover caps	1	Piece(s)
2C101	Footshell replacement tool, plastic	1	Piece(s)
4E50-2	Battery Charger	1	Piece(s)
757L16-4	Power supply unit	1	Piece(s)

### Information material

647G1441=ALL_INT	Instructions for use [short] (qualified personnel)   1B1-2=* Meridium
647H64-1=ALL_INT	Instructions for use (user)   1B1-2 Meridium
647H64-2=ALL_INT	Instructions for use (user)   1B1-2 Meridium



### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-29 cm
<b>Weight</b>	1330 g*
<b>Weight with footshell</b>	1485 g*
<b>System height with normal footshell</b>	142 mm*
<b>Build height with normal footshell</b>	160 mm*
<b>Heel height</b>	0-50 mm
<b>Range of motion</b>	36.5° (22° PF; 14.5° DF)
<b>Footshell colour</b>	translucent 1, beige 4, light brown 15

\* Technical data refer to the size of 26 cm

- The 1B1-2 Meridium requires certification! Please contact your customer service representative or your regional contact person about this.
- The Meridium is delivered with a three-year warranty package as standard. A six-year warranty package is available as an alternative.

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>
1B1-2	=	L	26

## Accessories/spare parts for 1B1-2



### Scope of delivery

2C7	Footshell	1	Piece(s)
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### Information material

647G1522=ALL_INT	Instructions for use   2C7
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## 2C7 Footshell

The 2C7 footshell is a protective cover for the 1B1-2 Meridium prosthetic foot. Its external shape creates a natural appearance. It is available in the colours translucent, beige and light brown.

### Technical data

<b>Reference number</b>	2C7
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-29 cm
<b>Weight</b>	155 g*
<b>Colour</b>	translucent 1, beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	/	<b>Colour</b>
2C7	=	L	26	/	15



## 4X441-\* Cockpit app

The Cockpit app allows users to easily adjust various Ottobock electronic prostheses and orthoses to their individual needs. Depending on the component's range of functions one can, for example, select preconfigured MyModes for specific activities, read information such as the battery charge level, turn additional functions on or off and adjust settings. The Cockpit app is available in the App Store for iPhones and the Google Play Store for Android devices.

### Technical data

Article number
4X441-*

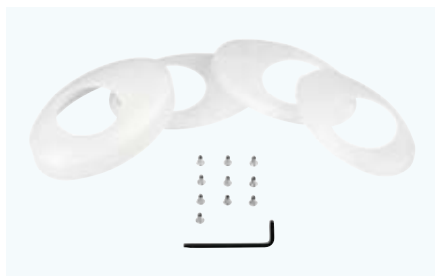


## 4X154 M-Soft

Adjustment software for the Meridium prosthetic foot.

### Technical data

Article number
4X154=V1.4



## 4G872 Set of cover caps

Consists of the cover cap with charging receptacle, a cover plate and connection plates for the cosmetic foam cover and protective cover, four Torx screws and T10 Torx screwdriver. Available in the colours translucent (1), beige (4) and light brown (15).

### Technical data

Article number	Colour
4G872=24-25/1	translucent 1 beige 4 light brown 15
4G872=24-25/4	translucent 1 beige 4 light brown 15
4G872=24-25/15	translucent 1 beige 4 light brown 15
4G872=26-29/1	translucent 1 beige 4 light brown 15
4G872=26-29/4	translucent 1 beige 4 light brown 15
4G872=26-29/15	translucent 1 beige 4 light brown 15



## 2G72 Charging cable receptacle closure

The 2G72 closure is a spare part for the charging cable receptacle of the Meridium prosthetic foot. It is available in the colours translucent, beige and light brown. The closure is also included in the 4G872 cover cap set.

### Technical data

Article number	Colour
2G72	translucent
2G72=1	beige
2G72=2	light brown





## 60X5 BionicLink PC

The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface and a PC with a USB port or USB hub via corresponding Ottobock software products.

### Key features

- Wireless data communication between Ottobock products with a Bluetooth interface and a PC
- Used with corresponding software (e.g. M-Soft)

### Technical data

Article number	for
60X5	Connection to computer (USB Bluetooth adapter)

· A proper connection between the Ottobock product and a PC can only be established using corresponding Ottobock software products (e.g. M-Soft).



## 757L16-4 Power supply unit

The power supply for electronic prosthetic components and orthoses from Ottobock. Adapters for the EU and US are included in the scope of delivery. Additional adapters can be ordered under the following article numbers:

- Great Britain: 757S1=GB-4
- Australia: 757S1=AUS-4
- Argentina: 757S1=ARG-4

### Scope of delivery

757S1	757S1=EU-4	Adapter for FRIWO power supply
757S1	757S1=US-4	Adapter for FRIWO power supply

### Technical data

Article number
757L16-4

· Adapters for the EU and US are included in the scope of delivery.



## 4E50-2 Battery Charger

For the C-Brace® orthotronic mobility system, the C-Leg knee joint and the Meridium prosthetic foot.

### Technical data

Article number
4E50-2



## 757P48 Y adapter cable

Y-adapter cable for connecting two components (e.g. for C-Leg and Meridium) to a joint power supply. Two Genium or Genium X3 prosthetic joints cannot be charged simultaneously due to the increased power consumption.

### Technical data

Article number
757P48



## 704G30 Clamping tool

The clamping tool ensures a secure hold in the vice for pulling on the Meridium footshell and protects the pyramid in the process.

### Technical data

Article number
704G30



## 2C101 Footshell replacement tool, plastic

The 2C101 shoehorn is a plastic tool for replacing the footshell on prosthetic feet. In addition to a grey marble look, the shoehorn has a hole to hang it up.

### Technical data

Article number	Material
2C101	Plastic



## 1A1-2 Empower

The 1A1-2 Empower was specially designed for active users who navigate varied indoor and outdoor environments and place a high value on the ability to cover longer distances and walk at a higher walking speed.

### Key features

- More energy for longer distances and a higher walking speed even on ramps and stairs
- Increased balance and stability on uneven terrain thanks to real-time adaptation
- Lowering the foot when sitting also results in a more natural appearance while seated, in addition to providing relief for the residual limb
- Range of motion: 22° (PF)
- Protected against splashed water (IP24)



Max. 130 kg  
Size 25 to 30 cm

### Scope of delivery

1A1-2	Empower		1	Piece(s)
2F50	Heel wedges for Taleo		1	Set
SL=SPEC-TRA-SOCK-7	Spectra protective sock black		1	Piece(s)
2C16	Empower footshell		1	Piece(s)
757B38	Empower battery		2	Piece(s)
757L38	Empower charger		1	Piece(s)
757L39	Empower AC adapter		1	Piece(s)
BM-214-00005	US plug		1	Piece(s)
BM-214-00007	EU plug	outside USA & CA	1	Piece(s)
BM-214-00008	UK plug	outside USA & CA	1	Piece(s)
757S3=AUS	Power cord AUS	outside USA & CA	1	Piece(s)
743Y840=V1	Empower tablet	optional	1	Piece(s)

### Information material

647G1660=EN_INT	Instructions for use (qualified personnel)   1A1-2 Empower
647H920=EN_INT	Instructions for use (user)   1A1-2

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	130 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	25-30 cm
<b>Weight (without footshell)</b>	Approx. 2145 g*
<b>Weight with footshell</b>	2145 g*
<b>System height with normal footshell</b>	203 mm*
<b>Build height with normal footshell</b>	221 mm*
<b>Footshell colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 27 cm

- The 1A1-2 Empower requires certification! Please contact your customer service representative or your regional contact person about this.
- The Empower is delivered with a three-year warranty package as standard. A six-year warranty package is available as an alternative.

### Stiffness chart

Foot size	Foot size					
	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
<b>Body weight</b>						
60 – 67 kg	3	3	3	–	–	–
68 – 77 kg	4	4	4	4	–	–
78 – 88 kg	5	5	5	5	5	5
89 – 100 kg	6	6	6	6	6	6
101 – 115 kg	–	7	7	7	7	7
116 – 130 kg	–	–	8*	8*	8*	8*

\* Do not combine this configuration with a 3C88-3/3C98-3 C-Leg 4.

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	-	<b>Stiffness</b>	/	<b>7</b>	-	<b>Colour</b>
1A1-2	=	L	26	-	3	/	7	-	4

# Accessories/spare for 1A1-2



## 2C16 Empower footshell

The 2C16 footshell is a protective cover for the Empower mechatronic prosthetic foot. Its external shape creates a natural appearance. Furthermore, it has alignment marks which enable straightforward and fast basic alignment.

### Scope of delivery

2C16	Empower footshell	1	Piece(s)
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### Information material

647G1659=ALL_INT	Additional documentation   2C16=*
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### Technical data

<b>Reference number</b>	2C16
<b>Side</b>	left (L), right (R)
<b>Size</b>	25–30 cm
<b>Weight</b>	Approx. 200 g*
<b>Heel height</b>	10 mm
<b>Colour</b>	beige 4, light brown 15

\*Technical data refer to the size of 27 cm

### Order example

Reference number	=	Side	Size	-	Colour	Shape
2C16	=	L	27	-	4	N



## 2F50 Heel wedges for Taleo

The 2F50 heel wedge set contains three heel wedges in various degrees of hardness, permitting individual adaptation of the heel stiffness for the user.

### Technical data

Article number	Size
2F50=22-25	22-25 cm
2F50=26-28	26-28 cm
2F50=29-30	29-30 cm



## SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

### Technical data

<b>Article number</b>	SL=SPECTRA-SOCK-7
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## 757B38 Empower battery

757B38 exchangeable rechargeable battery to operate the 1A1-2 Empower prosthetic foot. The scope of delivery includes two batteries that can be easily exchanged by the user in the course of the day.

### Technical data

<b>Article number</b>	757B38
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## 757L38 Empower charger

757L38 dual bay charger for the 1A1-2 Empower prosthetic foot. The battery charger can charge two batteries at the same time within just 90 minutes.

### Technical data

<b>Article number</b>	757L38
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## 757L39 Empower AC adapter

The 757L39 power supply is used with the 757L38 Empower battery charger.

### Technical data

Article number
757L39



## BM-214 Power cord

This product is the power cord for the 1A1-2 Empower. The following versions are available: \*-5=US / \*-7=EU / \*-8=UK.

### Technical data

Article number	Description
BM-214-00005	US plug
BM-214-00007	EU plug
BM-214-00008	UK plug



## 757S3 Power cord AUS

The 757S3=AUS is the power cord for the 1A1-2 Empower prosthetic foot with Australian adapter.

### Technical data

Article number
757S3=AUS

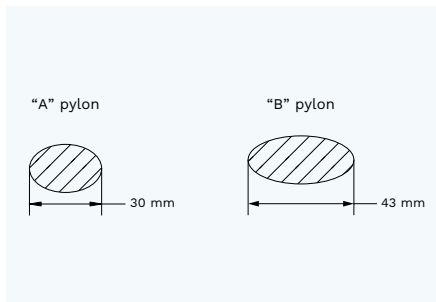


## 743Y840 Empower tablet

The 743Y840 tablet is optionally included in the scope of delivery of the 1A1-2 Empower. After installation of the Empower Setup App it guides you through the prosthetic alignment and adjustment of the prosthetic foot.

### Technical data

Article number
743Y840=V1



**The pylon and its connection options to the modular system**

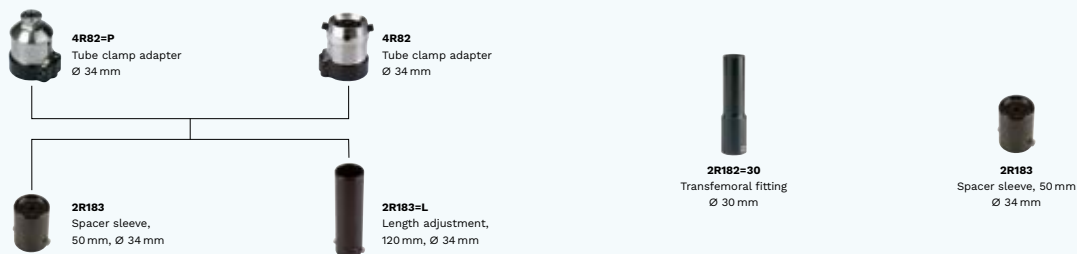
The loads acting on the prosthetic foot increase along with the body weight, activity level and foot size.

With the Axtion DP, the pylon is divided into two widths, the A and B pylon. "A" represents the standard width and "B" stands for a wider version for higher loads.

Various adapters are available for the proximal connection to the modular system:

- The connection to modular components with a pyramid or pyramid receiver is realised with the tube clamp adapter. The spacer sleeve including adhesive to connect the pylon to the sleeve must be ordered separately. If the pylon was unintentionally shortened too much, a longer sleeve (length compensation) can be ordered.
- The connection to the socket adapter, socket attachment block or lamination disc is realised with the available selection of socket adapters. Adapters with and without thread are available. The spacer plate is included in the scope of delivery for both.
- The connection to modular components with a tube clamp is realised with the adapter for transfemoral prostheses (30 mm diameter) or the 34 mm spacer sleeve.

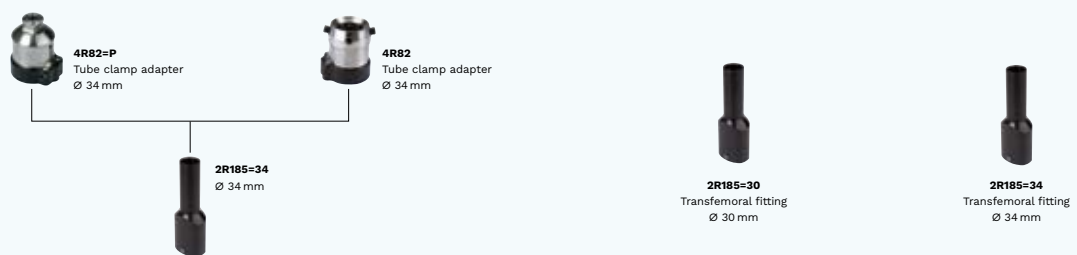
**Adapter options for A pylon (up to max. 100 kg body weight)**



Connection to modular components with pyramid/pyramid receiver

Connection to modular components with tube clamp

**Adapter options for B pylon (from 101 – max. 125 kg body weight)**





## 1E58 Axtion DP pylon foot

The 1E58 Axtion DP is a pylon prosthetic foot for users with moderate to very high mobility, suitable for demanding activities such as running and jumping, tennis or athletic disciplines.

### Key features

- Dynamic response, high energy return, good shock absorption and multi-axial function
- Very lightweight foot-nylon system to support proximal weight distribution
- Pylon design permits rotation of up to ± 8°



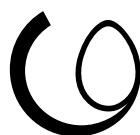
Max. 125 kg

### Scope of delivery

1E58	Axtion DP pylon foot	1	Piece(s)
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G478=ALL_INT	Instructions for use   1E58
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DESIGNPREIS 2009

NOMINIERT



reddot design award winner 2008

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	125 kg
<b>Side</b>	N
<b>Size</b>	22-31 cm
<b>Weight (without footshell)</b>	424 g*
<b>Footshell shape</b>	Normal shape (N) for a heel height of 13 +/- 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	644 g*
<b>Min. system height A pylon</b>	184 mm
<b>Min. system height B pylon</b>	200 mm

\* Technical data refer to the size of 26 cm

## Accessories/spare parts for Axtion DP with B-Pylon



### 4R82 Tube clamp adapter

The 4R82 tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

### Scope of delivery

4R82	Tube clamp adapter	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R82	34 mm	Titanium	33 mm	49 mm	95 g	150 kg



### 4R82 Tube clamp adapter

The 4R82=P tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

### Scope of delivery

4R82=P	Tube clamp adapter	1	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R82=P	34 mm	Titanium	-12 mm	43 mm	90 g	150 kg



## 2R185 B oval pylon adapter

The connection to modular components with a tube clamp is realised with the 2R185 B oval pylon adapter (with a diameter of 30 mm or 34 mm) for transfemoral prostheses with a B pylon.

### Technical data

Article number	Diameter	System height
2R185=30	30 mm	89 mm
2R185=34	34 mm	89 mm

# Accessories/spare parts for Axtion DP with A-nylon



## 4R82 Tube clamp adapter

The 4R82 tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



### Scope of delivery

4R82	Tube clamp adapter	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R82	34 mm	Titanium	33 mm	49 mm	95 g	150 kg



## 4R82 Tube clamp adapter

The 4R82=P tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



### Scope of delivery

4R82=P	Tube clamp adapter	1	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R82=P	34 mm	Titanium	-12 mm	43 mm	90 g	150 kg



## 2R183 Oval pylon adapter, 34 mm

The connection to modular components with a tube clamp or pyramid/pyramid receiver is realised with the 2R183 spacer sleeve (with a diameter of 34 mm) for transfemoral prostheses with an A pylon.

### Technical data

Article number	Diameter	System height
2R183	34 mm	6 mm





## 2R183 Oval 34 mm pylon adapter set, long

The connection to modular components with a tube clamp or pyramid/pyramid receiver is realised with the 2R183 spacer sleeve (with a diameter of 34 mm) for transfemoral prostheses with an A pylon.

### Technical data

Article number	Diameter	System height
2R183=L	34 mm	79 mm



## 2R182 Oval pylon adapter, 30 mm

The connection to modular components with a tube clamp is realised with the 2R182 oval pylon adapter (with a diameter of 30 mm) for transfemoral prostheses with an A pylon.

### Technical data

Article number	Diameter	System height
2R182=30	30 mm	89 mm

### Consisting of product

2R182=30-H	Oval pylon adapter, 30 mm	1	Piece
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## Accessories/spare parts for 1E58



## 2C5 Footshell

The 2C5 footshell is a protective cover for the 1E\* prosthetic feet. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

### Technical data

Reference number	2C5
Side	left (L), right (R)
Shape	normal
Size	22-31 cm
Weight	225 g*
Heel height	10+/- 5 mm
Colour	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Scope of delivery

2C5	Footshell	1	Piece(s)
2C10	Connection cover	1	Piece(s)

### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
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### Order example

Reference number	=	Side	Size	/	Colour
2C5	=	L	26	/	4



## 2C10 Connection cover

In combination with the 2C3-1 and 2C5 footshells in the normal foot shape or the 1D35 Dynamic Motion, the 2C10 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

Reference number	2C10
Side	left (L), right (R)
Size	21-31 cm
Colour	beige 4, light brown 15
for	2C3-1=* and 2C5=* footshells 1D35=* Dynamic Motion (sizes 21-22 cm)

### Order example

Reference number	=	Side	Size range	/	Colour
2C10	=	L	26-28	/	4



## 1E81 Chopart footplate

The 1E81 Chopart footplate features an extremely low structural height and is suitable for partial foot amputations as well as amputations according to Chopart, Pirogoff or Syme. The footplate is connected to the socket using the adhesive set.



### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight</b>	136 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	22-31 cm
<b>Weight (without footshell)</b>	145 g*
<b>Footshell shape</b>	Normal shape (N) for a heel height of 9 +/- 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	370 g*
<b>Build height</b>	20 mm*

\* Technical data refer to the size of 26 cm

- The 2C5 footshell, Chopart PU adhesive set and filling foam are not included in the scope of delivery. These items must be ordered separately as accessories.
- Please order directly through customer service: ordering information and measurement forms in the appendix.

### Scope of delivery

1E81	Chopart footplate	1	Piece(s)
2C5	Footshell	1	Piece(s)
2C10	Connection cover	1	Piece(s)

### Information material

647G1076=ALL_INT	Instructions for use   1E81*, 1E87*
------------------	-------------------------------------

## Accessories/spare parts for 1E81



## 2C5 Footshell

The 2C5 footshell is a protective cover for the 1E\* prosthetic feet. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

### Technical data

<b>Reference number</b>	2C5
<b>Side</b>	left (L), right (R)
<b>Shape</b>	normal
<b>Size</b>	22-31 cm
<b>Weight</b>	225 g*
<b>Heel height</b>	10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Scope of delivery

2C5	Footshell	1	Piece(s)
2C10	Connection cover	1	Piece(s)

### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
-----------------	---

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	/	<b>Colour</b>
2C5	=	L	26	/	4



## 2C10 Connection cover

In combination with the 2C3-1 and 2C5 footshells in the normal foot shape or the 1D35 Dynamic Motion, the 2C10 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C10
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-31 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C3-1=* and 2C5=* footshells 1D35=* Dynamic Motion (sizes 21-22 cm)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size range</b>	/	<b>Colour</b>
2C10	=	L	26-28	/	4



## SL=P078 Chopart PU adhesive set

The two-component polyurethane adhesive set connects the Chopart footplate to the prosthetic socket. It contains the set of small parts (SL=P078-PARTS) for processing (flat brush, sandpaper, two rubber rings).

### Technical data

#### Article number

SL=P078

### Scope of delivery

636W80	Primer for Chopart gluing
--------	---------------------------



## SL=P078-PARTS Chopart PU adhesive set, parts

Set of small parts for SL=P078 for processing (flat brush, sandpaper, two rubber rings).

### Technical data

#### Article number

SL=P078-PARTS



## SL=P071 Footshell Foam Kit, Single Application

The two-component footshell foam fills the cavities between the Chopart footplate and footshell and bonds the components to each other. The prosthesis does not cause any background noise while walking.

### Technical data

#### Article number

SL=P071



## 1C20 ProSymes

The 1C20 ProSymes is suitable for Syme amputees with a body weight of up to 125 kg who require a dynamic prosthetic foot that offers outstanding reliability and performance.

### Key features

- Carbon foot with integrated socket adapter
- Dual spring elements with a carbon/polyurethane sandwich structure enable a dynamic gait pattern
- Dynamic heel element guarantees shock absorption at heel strike
- Adjustment concept permits correction of the foot position during fitting and after finishing the prosthesis
- Facilitates the treatment of Syme amputations and features reproducible adjustment possibilities
- Low build height of only 43 mm (including lamination anchor and footshell)

### Scope of delivery

1C20	ProSymes	1	Piece(s)
2C2	Footshell	1	Piece(s)
2G120	Lamination anchor	1	Piece(s)
2Z120	Screw set	1	Single component pack
2Z328	Setting aid with screw	1	Package
SL=SPEC-TRA-SOCK	Spectra protective sock	1	Piece(s)

### Information material

647G174=ALL_INT	Instructions for use   1C20 ProSymes
-----------------	--------------------------------------



Max. 100 kg  
Size 25 cm



Max. 125 kg  
Size 26 to 28 cm

### Technical data

<b>Mobility grade</b>	2, 3
<b>Max. body weight</b>	125 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	25–28 cm
<b>Weight (with lamination anchor, without footshell)</b>	475 g*
<b>Footshell shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	705 g*
<b>Build height (without spacer plate)</b>	43 mm*
<b>Build height (with spacer plate)</b>	52 mm*

\* Technical data refer to the size of 26 cm

### Stiffness chart

Body weight	Foot size	
	25 cm	26–28 cm
to 100 kg	1	2
101–125 kg	–	3

### Order example

Reference number	=	Side	Size	-	Stiffness	-	A	/	Colour
1C20	=	L	26	-	2	-	A	/	4

# Accessories/spare parts for 1C20



**Scope of delivery**

2C2	Footshell	1	Piece(s)
-----	-----------	---	----------

**Information material**

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
-----------------	---

## 2C2 Footshell

The 2C2 footshell is a protective cover for the 1C20 ProSymes prosthetic foot. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

**Technical data**

<b>Reference number</b>	2C2
<b>Shape</b>	normal
<b>Size</b>	25-28 cm
<b>Weight</b>	230 g*
<b>Heel height</b>	10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

**Order example**

Reference number	=	Side	Size	/	Colour
2C2	=	L	26	/	4



## 2G120 Lamination anchor

The 2G120 lamination anchor with lamination cover for the 1C20 ProSymes modular prosthetic foot is available as an individual spare part.

**Technical data**

<b>Article number</b>	
2G120	



## 2Z328 Setting aid with screw

The 2Z328 setting aid with screw for the 1C20 ProSymes modular prosthetic foot contains single components as spare parts.

**Technical data**

<b>Article number</b>	
2Z328	



## 2Z120 Screw set

The 2Z120 screw set for the 1C20 ProSymes modular prosthetic foot contains single components as spare parts.

**Technical data**

<b>Article number</b>	
2Z120	

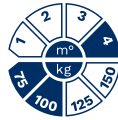


## 1E57 Lo Rider

The 1E57 Lo Rider is a dynamic foot for Symes amputees. In cases where there is a very low structural height, the foot can be ordered without a pyramid and used in conjunction with the XO coupler.



Max. 136 kg  
Size 24 to 31 cm



Max. 100 kg  
Size 24 to 31 cm

### Scope of delivery

1E57	Lo Rider	1	Piece(s)
SL=SPEC-TRA-SOCK-7	Spectra protective sock black	1	Piece(s)

### Information material

647G1351=ALL_INT	Instructions for use   1E57 Lo Rider
------------------	--------------------------------------

### Technical data

<b>Mobility grade</b>	3, 4
<b>Max. body weight MG 3</b>	136 kg
<b>Max. body weight MG 4</b>	100 kg
<b>Side</b>	left (L), right (R)
<b>Size</b>	24-31 cm
<b>Weight (without footshell)</b>	290 g*
<b>Footshell shape</b>	Normal shape (N) for a heel height of 9 +/- 5 mm
<b>Footshell colour</b>	beige 4, light brown 15
<b>Weight with footshell</b>	515 g*
<b>System height with normal footshell</b>	18 mm*
<b>Build height with normal footshell</b>	36 mm*

\* Technical data refer to the size of 26 cm

- Please order directly through customer service: ordering information and measurement forms in the appendix.
- The 2C5 footshell is not included in the scope of delivery. It must be ordered separately as an accessory.

## Accessories/spare parts for 1E57



### Scope of delivery

2C5	Footshell	1	Piece(s)
2C10	Connection cover	1	Piece(s)

### Information material

647G333=ALL_INT	Instructions for use   2C3-1, 2C8, 2C15, 2C15=*-L
-----------------	---

## 2C5 Footshell

The 2C5 footshell is a protective cover for the 1E\* prosthetic feet. Its external shape creates a natural appearance. It is available in the colours beige and light brown.

### Technical data

<b>Reference number</b>	2C5
<b>Side</b>	left (L), right (R)
<b>Shape</b>	normal
<b>Size</b>	22-31 cm
<b>Weight</b>	225 g*
<b>Heel height</b>	10 +/- 5 mm
<b>Colour</b>	beige 4, light brown 15

\* Technical data refer to the size of 26 cm

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size</b>	/	<b>Colour</b>
2C5	=	L	26	/	4



## 2C10 Connection cover

In combination with the 2C3-1 and 2C5 footshells in the normal foot shape or the 1D35 Dynamic Motion, the 2C10 connection cover forms an attractive cosmetic cover that can be glued to a foam cover.

### Technical data

<b>Reference number</b>	2C10
<b>Side</b>	left (L), right (R)
<b>Size</b>	21-31 cm
<b>Colour</b>	beige 4, light brown 15
<b>for</b>	2C3-1=* and 2C5=* footshells 1D35=* Dynamic Motion (sizes 21-22 cm)

### Order example

<b>Reference number</b>	=	<b>Side</b>	<b>Size range</b>	/	<b>Colour</b>
2C10	=	L	26-28	/	4



### SL=LR-... XO coupler

The XO coupler for the 1E57 LoRider replaces the pyramid and reduces the build height of the prosthetic foot to 37 mm. It cannot be subsequently combined with the prosthetic foot.

**Technical data**

Article number	Diameter	Max. body weight MG 3	Max. body weight MG 4
SL=LR-XOCS-M6	73 mm	93 kg	70 kg
SL=LR-XOCL-M6	85 mm	93 kg	70 kg
SL=LR-XOCL-5/16	85 mm	136 kg	100 kg

- Please use a 1/4" Allen key.
- The XO coupler cannot be subsequently combined with the LoRider with pyramid. This means the standard adapter cannot be replaced by the XO coupler.
- Adapter selection is based on the mobility grade and body weight.
- Please order separately.



### SL=SPECTRA-SOCK-7 Spectra protective sock black

The long Spectra sock in black is an accessory for prosthetic feet. It protects the foot against soiling and prevents possible noises that could develop due to the movement of the prosthesis in the cosmetic foot cover.

**Technical data**

Article number
SL=SPECTRA-SOCK-7



### 2C100 Footshell replacement tool, metal

The 2C100 shoehorn is a metal tool for replacing the footshell on prosthetic feet.

**Technical data**

Article number	Material
2C100	Stainless steel



### 2C101 Footshell replacement tool, plastic

The 2C101 shoehorn is a plastic tool for replacing the footshell on prosthetic feet. In addition to a grey marble look, the shoehorn has a hole to hang it up.

**Technical data**

Article number	Material
2C101	Plastic



### ACC-00-10300-00 Tool to change footshell

The ACC-00-10300-00 tool to change footshell is made of metal and is used to replace the footshell on prosthetic feet. Its shape and long lever make it easier to put on and take off the footshell.

**Technical data**

Article number	Material
ACC-00-10300-00	Titanium



## 1P9 Pirogoff foot

The Pirogoff foot is a prosthetic foot with an exoskeletal design, consisting of a foot component and a wooden midfoot.

### Technical data

<b>Side</b>	left (L), right (R)
<b>Size</b>	23-28 cm
<b>Foot shape</b>	Normal shape (N) for a heel height of 10 +/- 5 mm
<b>Colour</b>	Wood colour/beige

\* Technical data refer to the size of 26 cm

- Use 636W17 PUR adhesive with 636W26 hardener to bond the mid-foot to the foot component. The adhesive and hardener are not included in the scope of delivery and must be ordered separately.

### Order example

Reference number	=	Side	Size
1P9	=	L	26

### Information material

647G1523=ALL_INT	Instructions for use   1P9
------------------	----------------------------



# Prosthetic feet. (selection).

Page 1/3

Contact person

Customer no.

Date

## Customer

Company

Street

Postal code City

Email

Commision

## Shipping address (if different from customer address)

Company

Street

Postal code City

Email

## Patient data

**Name** .....

**Gender**  Female  Male  Diverse

**Weight** ..... kg

**Foot size** ..... cm

**Side of amputation**  left  right  both

**Stiffness/flexibility**  hard  medium  soft

## Mobility grade

● **Mobility grade 3** 

- Moderate activity and low impact load  
Everyday activities such as walking and climbing stairs
- Moderate activity and moderate impact load  
Everyday activities, fast walking, even on difficult terrain,  
leisure activities such as hiking, playing golf, etc.

● **Mobility grade 4** 

- Moderate activity and high impact load  
Varied activities, above-average impact and mechanical strain on the prosthesis
- High activity and high impact load  
Leisure activities such as skiing, sprinting, weight-lifting etc.

Date ..... Place ..... Signature .....



## 88A32 Custom silicone partial foot prosthesis and toe prosthesis

Silicone partial foot prostheses and silicone toe prostheses harmonise the gait pattern and contribute to the physiological rollover of the foot. The custom design of the prosthetic socket provides a perfect fit, even pressure distribution and compression of the residual limb.

### Key features

- Anatomical, customised restoration of the outer appearance
- Very comfortable
- Seamless, tapered socket
- Easy to clean with pH-neutral soap and water
- Skin-friendly medical-grade silicone

### Information material

646A251=GB	Information – custom silicone partial foot prostheses
646T1=1GB	Technical information   Measurement and plaster
647G543	Instructions for use (Patient)   Silicone partial foot prostheses
647F662=EN_MASTER	Order form   Silicone partial foot prosthesis
647F285=GB	Technician brochure   Colour determination

### Technical data

Article number	Article number	Description	Product features
	88A31=2	Trial prosthesis for "Basic", "Classic" and "Natural"	<ul style="list-style-type: none"> <li>• Trial prosthesis made of Chlorosil and Pastasil</li> <li>• Makes it possible to adjust the inner and outer fit, position and rollover within the four-week trial fitting period</li> <li>• Serves as a template for the definitive prosthesis</li> </ul>
	88A31=1	Silicone partial foot and toe prosthesis "Basic"	<ul style="list-style-type: none"> <li>• Custom socket design</li> <li>• Anatomical shape</li> <li>• Silicone foot in one colour</li> <li>• Silicone toenails in skin colour</li> <li>• Little surface structure</li> </ul>
	88A32=1	Silicone partial foot and toe prosthesis "Classic"	<ul style="list-style-type: none"> <li>• Custom socket design</li> <li>• Custom anatomical shape</li> <li>• Two to three individual skin tones, matching the contralateral side</li> <li>• Anatomical surface structure</li> <li>• Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A32=3	Silicone partial foot and toe prosthesis "Natural"	<ul style="list-style-type: none"> <li>• Custom socket design</li> <li>• Custom anatomical shape</li> <li>• Six to eight individual skin tones, matching the contralateral side</li> <li>• Anatomical surface structure</li> <li>• Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

- For the "Natural" variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- To order, please use the ordering process and order form at the end of the "Prosthetic feet" section.

### Customised products from Ottobock iFab

Ottobock iFab is an extended workbench that serves as your reliable partner for the centralised fabrication of custom devices in orthotics and prosthetics in the era of digital transformation.

For information about iFab products, or if you have questions or comments, please contact us: [ifab@ottobock.com](mailto:ifab@ottobock.com)

## Accessories/spare parts for 88A32



### 89D4/89D5 Colour determination ring

Colour determination ring for custom prostheses and silicone covers.

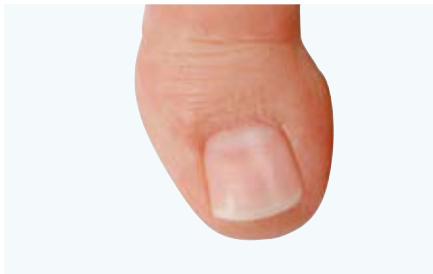
#### Key features

- The colour determination ring helps you determine your patient's skin colour

#### Technical data

Article number	Type
89D4	28 colors
89D5	68 colors

## Ordering options for 88A32

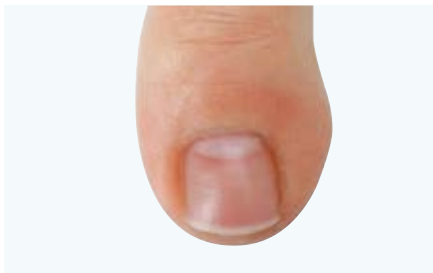


### 88A32=S Multicoloured silicone nails for "Classic" and "Natural"

Custom five-colour silicone toenails.

#### Technical data

Article number
88A32=S

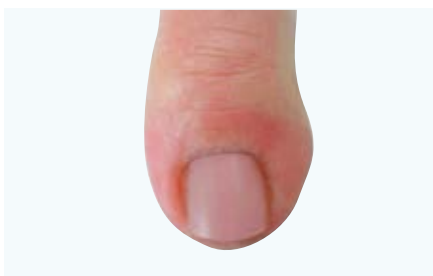


### 88A32=A Multicoloured acrylic nails for "Classic" and "Natural"

Deceptively realistic surface characteristics and suitable for nail polish.

#### Technical data

Article number
88A32=A

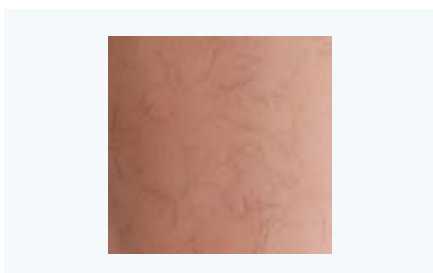


### 88A32=NP Polish Nails

Die einfarbigen Lacknägeln aus Acryl, ermöglichen es vor allen Dingen Patientinnen, ihre Nägel zu verschönern und stellen eine Alternative zu mehrfarbigen Acrylnägeln dar.

#### Technical data

Article number
88A32=NP



### 88A20=H Hair

Implementation of real hair as on the contralateral side is possible on request, matching the colour, length, shape and thickness.

#### Technical data

Article number
88A20=H



## 88A20=T Tattoo for silicone prostheses

Implementation of special requests, such as applying a tattoo.

### Technical data

Article number
88A20=T



## 116X1 Soft bedding padding

The soft bedding pad provides a comfortable residual limb bedding for sensitive residual limbs, which ensures a pleasant wearing comfort for the patient.

### Technical data

Article number
116X1=1



## 116X2 Zipper

The zipper on the silicone forefoot and toe prosthesis helps patients to don and doff the prosthesis more easily.

### Technical data

Article number
116X2=1

# Silicone partial foot prosthesis and toe prosthesis.

## iFab Ordering process.

**1** As the orthopaedic technician, you are responsible for determining the shape and colour as well as ordering the prosthesis:

The shape includes:

- Measuring the patient's residual limb
- Completing the measurement form
- Taking 4 informative photos of the left and right foot
- Creating a plaster negative of the affected side
- For the Classic and Natural version please prepare an impresil negative of the contralateral side


Depending on the prosthesis version, determine the colour using the colour sheet (647F285=GB) and the colour ring (89D4). The order forms must be fully completed before placing the order.

**2** Ottobock iFab will fabricate the trial prosthesis according to your specifications and ship it within 10 working days.

**3** You as the prosthetist can provide the trial prosthesis to your patient for approximately 4 weeks for testing. **If required, you modify the trial prosthesis yourself.** After the test phase, please return the trial prosthesis to Ottobock iFab.

**4** Ottobock iFab will fabricate the definitive prosthesis according to your specifications and ship it within 15 working days.

**5** When the definitive prosthesis is received, you can fit your patient with an individual and functional silicone partial foot prosthesis that helps to harmonise the gait pattern.

 Instructions for determining the colour can be found on Ottobock's YouTube channel: Custom silicone products – Colour determination



# Silicone partial foot and toe prosthesis. iFab Order form.

Page 1/3

Contact person

Customer no.

Date

Patient ID

Order number

**Customer**

Company

Street

Postal code City

Email

Patient ID

**Shipping address** (if different from customer address)

Company

Street

Postal code City

Customer order number

**Age:** .....

**Gender**  Female  Male

**Height:** .....

**Affected side**  Left  Right

**Weight:** .....

**Activity level**  1  2  3  4



**Configuration**

- 88A31=2** Trial prosthesis
- 88A33=P 2** Trial prosthesis
- 88A31=1** Definitive prosthesis “Basic”
- 88A32=1** Definitive prosthesis “Classic”
- 88A32=3** Definitive prosthesis “Natural”
- Silicone nails (unicoloured)
- 88A32=S** Silicone nails (multicoloured)
- 88A32=A** Acrylic nails (multicoloured)
- 88A32=NP/88A40=NP** Polish acrylic nails (unicoloured)
- 88A20=H** Genuine hair
- 88A20=T** Tattoo (Implementation of special request)
- 116X1=1** Soft bedding pas
- 116X2=1** Zipper

**For the “Classic” and “Natural” versions, the following are also required:**

- Order form
- Colour determination as per colour determination sheet
- Photos with photo background
- Cast of contralateral side

**Diagnosis:**

- Accident
- Diabetes
- Dysmelia
- Other
- Leg length discrepancy
- Accompanying diseases

Comments: .....

.....

.....

.....

.....

.....

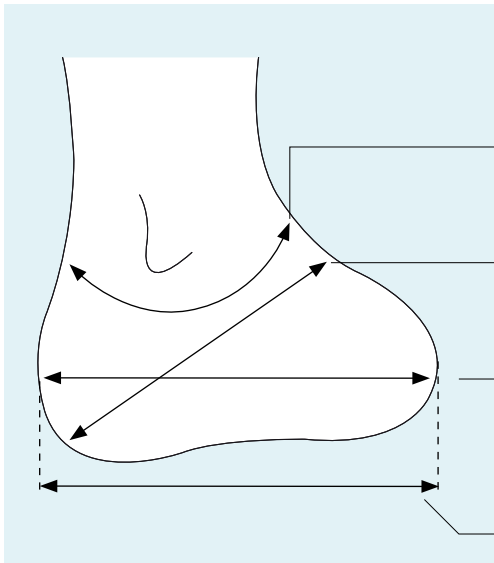
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# Silicone partial foot and toe prosthesis.

## iFab Measurement form.

Page 2/3

Contact person	Customer no.	Date
Patient ID	Order number	



**Measurements  
(in mm)**

**Residual  
limb**

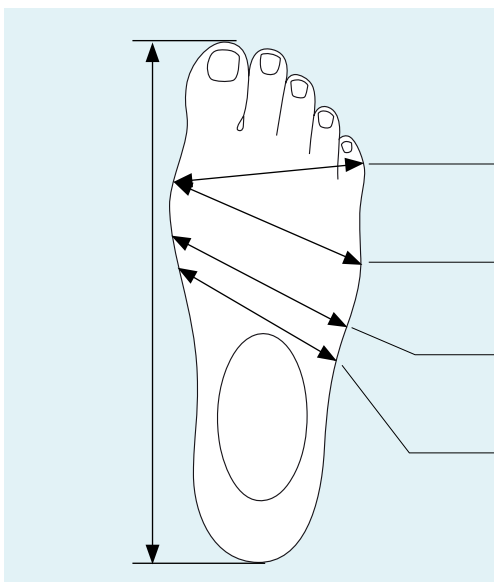
**Plaster**

**Model**

Prosthetist

Ottobock

Bow-shaped circumference (below medial and lateral ankle tip)			
Circumference heel/back of foot (h-measurement)			
Horizontal residual limb circumference (at the widest point)			
m-l width measurement below the lateral ankle			
Overall residual limb length			



**Circumference  
(in mm)**

**Residual  
limb**

**Plaster**

**Model**

Prosthetist

Ottobock

Little toe – Ball of big toe			
Ball of little toe – Ball of big toe			
Circumference in front of instep			
Instep circumference			
Overall foot length in mm			

For partial foot amputation, please mark the course of the amputation on the back with corresponding circumference/length measurements.

Comments: .....

.....

.....

.....

## Silicone partial foot and toe prosthesis. iFab Colour determination sheet.

Page 3/3

Contact person

Customer no.

Date

Patient ID

Order number

### Colour sample – colour strength

Use pen to mark skin colours on the sketch



Pen	Colour sample	Colour strength
1		
2		
3		
4		
5		
6		
7		
8		

Model blood vessels.\*  Yes  No

\* Only available for Natural version.

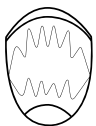
### Nails

- Acrylic
- Silicone

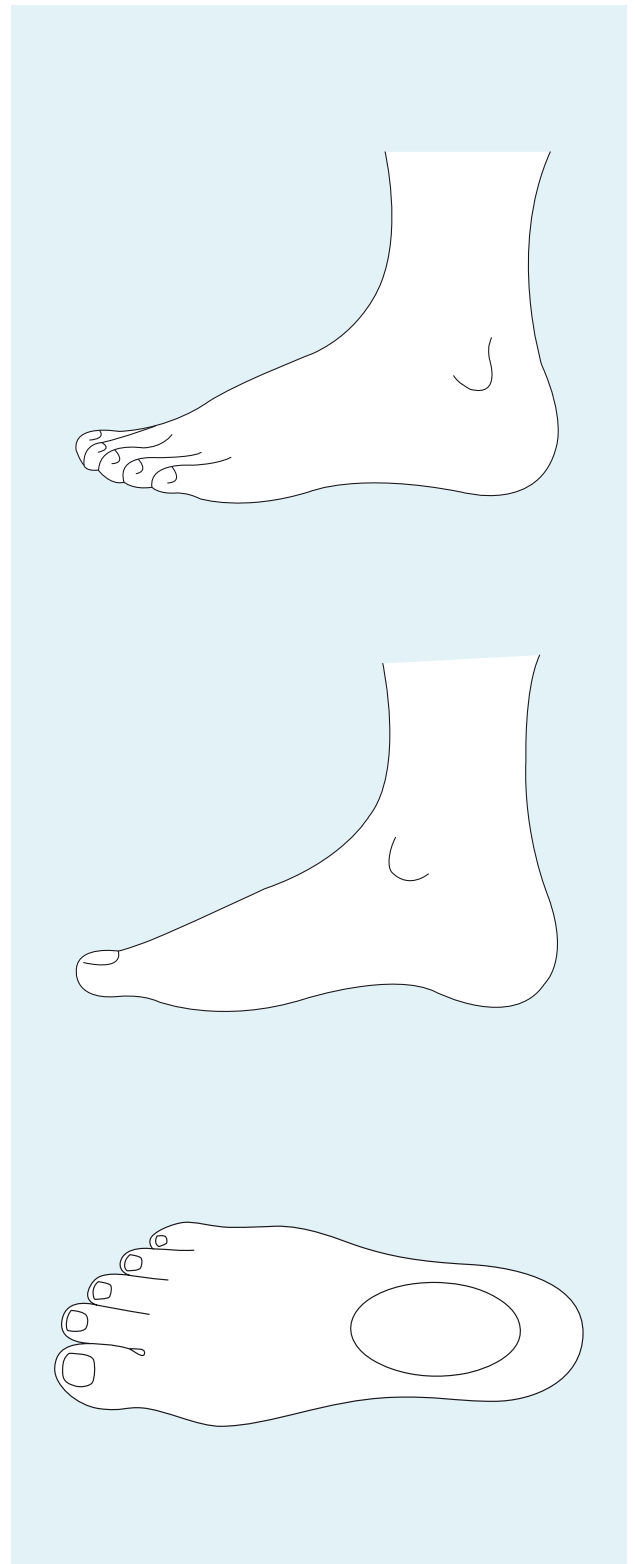
### Nail length

- Like photo
- mm longer

### Colour



Nail tip	
Distal edge	
Central	
Proximal edge	
Moon	









# Adapters.



## 2R37/2R38 Tube adapters

The 2R37 and 2R38 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. They are resistant to fresh, salt and chlorinated water.



### Scope of delivery

2R37/2R38	Tube adapters	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Information material

647G902=ALL_INT	Instructions for use   Tube adapters
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### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R37	30 mm	Titanium	97 mm	232 mm	53 mm	214 mm	160 g	100 kg
2R38	30 mm	Titanium	97 mm	472 mm	53 mm	454 mm	275 g	100 kg

• For high loads on transtibial prostheses, a tube adapter with  $\varnothing$  34 mm should be used (e.g. 2R57/2R76).



## 2R50/2R49 Tube adapters

The 2R50 and 2R49 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 125 kg

### Scope of delivery

2R50/2R49	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R50	30 mm	Aluminium	97 mm	232 mm	53 mm	214 mm	155 g	125 kg
2R49	30 mm	Aluminium	97 mm	472 mm	53 mm	414 mm	255 g	125 kg

• For high loads on transtibial prostheses, a tube adapter with  $\varnothing$  34 mm should be used (e.g. 2R57/2R76).  
 • The tube adapters are available in two different lengths



## 2R50=AL/2R49=AL Tube adapters

The 2R50=AL and 2R49=AL tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 136 kg

### Scope of delivery

2R50=AL/2R49=AL	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Technical data

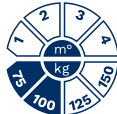
Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R50=AL	30 mm	Aluminium	97 mm	232 mm	53 mm	214 mm	155 g	125 kg
2R49=AL	30 mm	Aluminium	97 mm	472 mm	53 mm	414 mm	255 g	125 kg

• For high loads on transtibial prostheses, a tube adapter with  $\varnothing$  34 mm should be used (e.g. 2R57/2R76).



## 2R2/2R3 Tube adapters

The 2R2 and 2R3 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 100 kg



Max. 136 kg

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R2	30 mm	Stainless steel	97 mm	232 mm	53 mm	214 mm	195 g	100 kg
2R3	30 mm	Stainless steel	97 mm	472 mm	53 mm	454 mm	315 g	100 kg

### Scope of delivery

2R2/2R3	Tube adapters	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

· For high loads on transtibial prostheses, a tube adapter with  $\varnothing$  34 mm should be used (e.g. 2R57/2R76).



## 2R38=10 Tube adapter, angled

The 2R38=10 tube adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. It is angled by 10°.



Max. 100 kg



### Scope of delivery

2R38=10	Tube adapter, angled	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Technical data

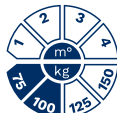
Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Angular offset
2R38=10	30 mm	Titanium	98 mm	474 mm	53 mm	459 mm	275 g	10 °

· For high loads on transtibial prostheses, a tube adapter with  $\varnothing$  34 mm should be used (e.g. 2R57/2R76).



## 4R52 Tube clamp adapter

The 4R52 tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 100 kg



Max. 136 kg

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R52	30 mm	Titanium	33 mm	48 mm	75 g	100 kg
4R52=1	30 mm	Titanium	33 mm	48 mm	80 g	136 kg

### Scope of delivery

4R52	Tube clamp adapter	1	Piece(s)
501Z2=M4X22-V	Cap screw (Allen screw)	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

· For high loads on transtibial prostheses, a tube clamp adapter with  $\varnothing$  34 mm (e.g. 4R82/4R91) should be used.  
 · The 4R52=1 tube clamp adapter may only be used for transfemoral prostheses and must be positioned directly under the prosthetic knee joint or the prosthetic socket.



## 4R69 Tube clamp adapter

The 4R69 tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. The adapter is waterproof.



Max. 125 kg

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R69	30 mm	Aluminium	33 mm	49 mm	75 g	125 kg

### Scope of delivery

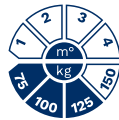
4R69	Tube clamp adapter	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
501Z2	Cap screw (Allen screw)	1	Piece(s)

For high loads on transtibial prostheses, a tube clamp adapter with  $\varnothing$  34 mm (e.g. 4R82/4R91) should be used.



## 4R69 Tube clamp adapter

The 4R69=AL tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. The adapter is waterproof.



Max. 136 kg

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R69=AL	30 mm	Aluminium	33 mm	49 mm	75 g	136 kg

### Scope of delivery

4R69	Tube clamp adapter	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
501Z2	Cap screw (Allen screw)	1	Piece(s)

For high loads on transtibial prostheses, a tube clamp adapter with  $\varnothing$  34 mm (e.g. 4R82/4R91) should be used.



## 4R21 Tube clamp adapter

The 4R21 tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 100 kg



Max. 136 kg

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R21	30 mm	Stainless steel	33 mm	49 mm	130 g	100 kg
4R21=1	30 mm	Stainless steel	33 mm	49 mm	125 g	136 kg

### Scope of delivery

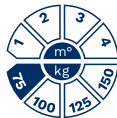
4R21	Tube clamp adapter	1	Piece(s)
501Z2=M4X22-V	Cap screw (Allen screw)	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

- A tube clamp adapter with  $\varnothing$  34 mm (e.g. 4R82/4R91) should be used for high loads on transtibial prostheses.
- The 4R21=1 tube clamp adapter may only be used for transfemoral prostheses and must be positioned directly under the prosthetic knee joint or the prosthetic socket.



## 4R103 Tube clamp adapter, movable

The 4R103 adapter permits translational adjustments at the proximal end of a tube adapter. It therefore allows the components of the prosthesis to be shifted in parallel, regardless of the angle adjustment. The adjustments can be made either in the frontal plane – medial or lateral – or in the sagittal plane – anterior or posterior.



Max. 85 kg



### Scope of delivery

4R103	Tube clamp adapter, movable	1	Piece(s)
506G3=M8X16	Set screw	4	Piece(s)
506G3=M5X8	Set screw	1	Piece(s)
501Z16	Clamping screw	2	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)

### Information material

647G1618=ALL_INT	Instructions for use   4R88, 4R103
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### Technical data

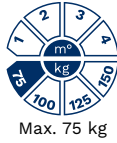
Article number	Material	System height	Build height	Diameter	Weight	Max. body weight
4R103	Titanium	51 mm	78 mm	30 mm	185 g	85 kg

- A tube clamp adapter with  $\varnothing$  34 mm should be used (e.g. 4R88) for high loads on transtibial prostheses.



## 4R98 Tube clamp adapter, movable

The 4R98 adapter permits translational adjustments at the proximal end of a tube adapter. It therefore allows the components of the prosthesis to be shifted in parallel, regardless of the angle adjustment. The adjustments can be made either in the frontal plane – medial or lateral – or in the sagittal plane – anterior or posterior.



### Scope of delivery

4R98	Tube clamp adapter, movable	1	Piece(s)
501Z2=M6X35	Cap screw	1	Piece(s)
506G3=M8X16	Set screw	4	Piece(s)

### Information material

647G1617=ALL_INT	Instructions for use   4R98
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### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R98	30 mm	Aluminium	57 mm	84 mm	150 g	75 kg

· A tube clamp adapter with Ø 34 mm should be used (e.g. 4R88) for high loads on transtibial prostheses.



## 4R56 Tube clamp adapter, angled

The 4R56 tube clamp adapter is used in prostheses in combination with a hip joint. It is available with three different angles and, among other things, connects the 7E10 Helix 3D hip joint to the 2R30 tube, and this to the 4R57 rotation adapter or a knee joint.

### Key features

- Angled by 10°, 20° and 30° for alignment optimisation



### Scope of delivery

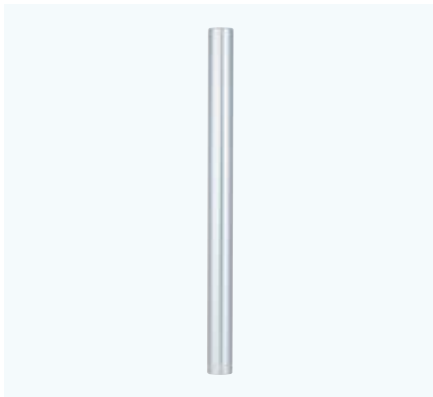
4R56	Tube clamp adapter, angled	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)

### Technical data

Article image			
<b>Article number</b>	4R56	4R56=1	4R56=2
<b>Diameter</b>	30 mm	30 mm	30 mm
<b>Material</b>	Titanium	Titanium	Titanium
<b>System height</b>	34 mm	34 mm	35 mm
<b>Build height</b>	54 mm	54 mm	55 mm
<b>Weight</b>	85 g	85 g	100 g
<b>Angular offset</b>	10 °	20 °	30 °
<b>Max. body weight</b>	100 kg	100 kg	100 kg

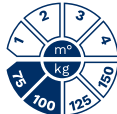
· The 4R56=1/=2 tube clamp adapter with a 20°/30° angle is recommended for larger pelvic sockets. When using “=HD” knee joints, note the 10° angle of the pyramid.





## 2R30 Light metal tube

The 2R30 Light metal tube is used in fittings with a prosthetic hip joint. It serves as the connection between two tube clamp adapters, e.g. the 4R52 or 4R56.



Max. 100 kg

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R30	30 mm	Aluminium	69 mm	400 mm	10 mm	400 mm	200 g	100 kg

### Scope of delivery

2R30	Light metal piping	1	Piece(s)
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## Accessories/spare parts for tube adapters and tube clamp adapters 30 mm



### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm

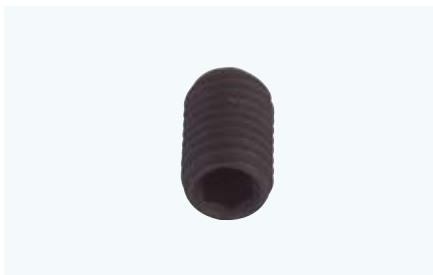


### 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

#### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



### 506G3 Set screw

Set screw with Allen head and truncated cone, insertion depth 1.5 mm. The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Spare part for
506G3=M5X8	4R104=60 4R103 4R88 4R104=75



### 501Z2 Cap screw (Allen screw)

501Z2 cap screw as a spare part for various Ottobock adapter systems.

#### Technical data

Article number	Spare part for	Thread
501Z2=M4X18	12R6=L 12R6=R	M4



## 501Z16 Clamping screw

The clamping screw is a spare part for the 4R88 and 4R103 tube clamp adapters and the 4R104 double adapter.

### Technical data

Article number	Spare part for
501Z16	4R104=60
	4R103
	4R88
	4R104=75



## 4D4 Single component pack

The 4D4 single component pack is a spare parts pack for the tube clamp adapter and torsion adapter with tube clamp, consisting of a cap screw and two cylinder pins.

### Technical data

Article number	Spare part for
4D4	4R103
	4R21
	4R52
	4R56
	4R82
	4R82=P
	4R85
	4R86
	4R88
	4R91
	4R56=1
	4R56=2

### Scope of delivery

501Z2=M4X22	Cap Screw	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)

**Scope of delivery**

2R57/2R58	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

## 2R57/2R58 Tube adapters

The 2R57 and 2R58 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. The 2R57 and 2R58 are resistant to fresh, salt and chlorinated water.



Max. 150 kg

**Technical data**

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R57	34 mm	Titanium	77 mm	282 mm	27 mm	264 mm	220 g	150 kg
2R58	34 mm	Titanium	77 mm	472 mm	27 mm	454 mm	330 g	150 kg

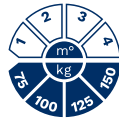
- In combination with the C-Leg knee joint, the maximum allowable body weight for this tube adapter is 136 kg.
- The 2R57 and 2R58 are suitable for use in water and damp conditions.

**Scope of delivery**

2R76/2R77	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

## 2R76/2R77 Tube adapters

The 2R76 and 2R77 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

**Technical data**

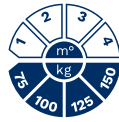
Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R76	34 mm	Stainless steel	77 mm	282 mm	27 mm	264 mm	260 g	150 kg
2R77	34 mm	Stainless steel	77 mm	472 mm	27 mm	454 mm	370 g	150 kg

**Scope of delivery**

4R82	Tube clamp adapter	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)

## 4R82 Tube clamp adapter

The 4R82 tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

**Technical data**

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R82	34 mm	Titanium	33 mm	49 mm	95 g	150 kg



## 4R82 Tube clamp adapter

The 4R82=P tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R82=P	34 mm	Titanium	-12 mm	43 mm	90 g	150 kg

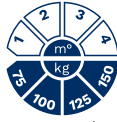
### Scope of delivery

4R82=P	Tube clamp adapter	1	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)



## 4R91 Tube clamp adapter

The 4R91 tube clamp adapter connects the prosthetic components with each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Max. body weight
4R91	34 mm	Stainless steel	33 mm	49 mm	140 g	150 kg

### Scope of delivery

4R91	Tube clamp adapter	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)
501Z2=M4X22-V	Cap screw (Allen screw)	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)



## 4R88 Tube clamp adapter, movable

The 4R88 adapter permits translational adjustments at the proximal end of a tube adapter. It therefore allows the components of the prosthesis to be shifted in parallel, regardless of the angle adjustment. The adjustments can be made either in the frontal plane – medial or lateral – or in the sagittal plane – anterior or posterior.



Max. 125 kg



### Scope of delivery

4R88	Tube clamp adapter, movable	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)
501Z2=M4X22-V	Cap screw (Allen screw)	1	Piece(s)
501Z16	Clamping screw	2	Piece(s)
506G3=M5X8	Set screw	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Information material

647G1618=ALL_INT	Instructions for use   4R88, 4R103
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### Technical data

Article number	Diameter	Material	System height	Build height	Weight	Displacement	Max. body weight
4R88	34 mm	Titanium	51 mm	78 mm	185 g	+/- 11 mm	100 kg

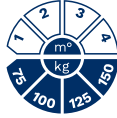


## 4R156 Tube clamp adapter, angled

The adapter is available with three different angles. Due to its high load-bearing capacity, it is preferable for use in combination with the 7E9 prosthetic hip joint. In this case, the adapter is intended for the adjustable proximal connection of the prosthetic hip joint to the 2R36 thigh tube and for the adjustable distal connection of the 2R36 thigh tube to the pyramid of the prosthetic knee joint or the 4R57 rotation adapter.

### Key features

- Angled by 10°, 20° and 30° for alignment optimisation



Max. 150 kg



### Scope of delivery

4R156	Tube clamp adapter, angled	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
4X28=3	Plastic ring	1	Piece(s)
4Y423	Cylinder pin	1	Piece(s)
4Y424	Cylinder pin with interior thread	1	Piece(s)
501T15=M5X25	Cap screw (Allen screw)	1	Piece(s)

### Technical data

Article image			
<b>Article number</b>	4R156	4R156=1	4R156=2
<b>Diameter</b>	34 mm	34 mm	34 mm
<b>Material</b>	Titanium	Titanium	Titanium
<b>System height</b>	36 mm	37 mm	38 mm
<b>Build height</b>	50 mm	50 mm	51 mm
<b>Weight</b>	145 g	175 g	185 g
<b>Angular offset</b>	10 °	20 °	30 °
<b>Max. body weight</b>	150 kg	150 kg	150 kg

- The 4R156=1/=2 tube clamp adapter with a 20°/30° angle is recommended for larger pelvic sockets. When using "HD" knee joints, note the 10° angle of the pyramid.



## 2R36 Light metal piping

The 2R36 Light metal tube is used in treatments with a prosthetic hip joint. It serves as the connection between two tube clamp adapters, e.g. the 4R82 or 4R156.



Max. 125 kg

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R36	34 mm	Aluminium	73 mm	380 mm	10 mm	380 mm	215 g	125 kg

### Scope of delivery

2R36	Light metal piping	1	Piece(s)
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## Accessories/spare parts for tube adapters and tube clamp adapters 34 mm



### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



### 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

#### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



### 4D4 Single component pack

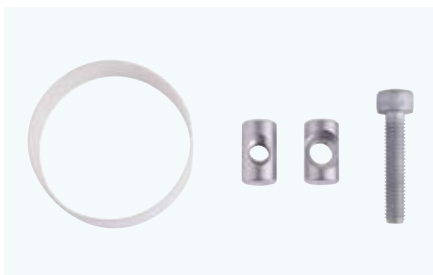
The 4D4 single component pack is a spare parts pack for the tube clamp adapter and torsion adapter with tube clamp, consisting of a cap screw and two cylinder pins.

#### Technical data

Article number	Spare part for
4D4	4R103 4R21 4R52 4R56 4R82 4R82=P 4R85 4R86 4R88 4R91 4R56=1 4R56=2

#### Scope of delivery

501Z2=M4X22	Cap Screw	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)



### 4D28 Single component pack

Single component pack for 4R156 angled tube clamp adapter.

#### Technical data

Article number	Spare part for
4D28	4R156 4R156=1 4R156=2

#### Scope of delivery

4X28=3	Plastic ring	1	Piece(s)
4Y423	Cylinder pin	1	Piece(s)
4Y424	Cylinder pin with interior thread	1	Piece(s)
501T15=M5X25	Cap screw (Allen screw)	1	Piece(s)



## 4X28 Plastic ring

4X28=3 plastic ring as a spare part for the 4R156 tube clamp adapter and 4WR95=3 waterproof tube clamp adapter.

### Technical data

Article number
4X28=3



## 501Z16 Clamping screw

The clamping screw is a spare part for the 4R88 and 4R103 tube clamp adapters and the 4R104 double adapter.

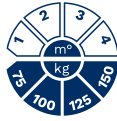
### Technical data

Article number	Spare part for
501Z16	4R104=60 4R103 4R88 4R104=75



## 4R72 Double adapter, titanium

The 4R72 double adapters made of titanium are used to connect two pyramids. The pyramid receivers enable distal and proximal angle adjustments in the frontal and sagittal planes. They are resistant to fresh, salt and chlorinated water.



Max. 150 kg

### Scope of delivery

4R72	Double adapter, titanium	1	Piece(s)
506G3=M8X12-V	Set screw	8	Piece(s)

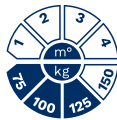
### Technical data

Article image				
<b>Article number</b>	4R72=32	4R72=45	4R72=60	4R72=75
<b>Material</b>	Titanium	Titanium	Titanium	Titanium
<b>System height</b>	69 mm	82 mm	97 mm	112 mm
<b>Build height</b>	32 mm	45 mm	60 mm	75 mm
<b>Weight</b>	85 g	95 g	110 g	125 g
<b>Max. body weight</b>	150 kg	150 kg	150 kg	150 kg



## 4R72 Double adapter, aluminium

The 4R72 double adapters made of aluminium are used to connect two pyramids. The pyramid receivers enable distal and proximal angle adjustments in the frontal and sagittal planes.



Max. 136 kg

### Scope of delivery

4R72	Double adapter	1	Piece(s)
506G3=M8X12-V	Set screw	8	Piece(s)

### Information material

647G1101=ALL_INT	Instructions for use   4R72=*
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### Technical data

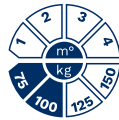
Article image					
<b>Article number</b>	4R72=32AL	4R72=45AL	4R72=60AL	4R72=75AL	4R72=90AL
<b>Material</b>	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
<b>System height</b>	69 mm	82 mm	97 mm	112 mm	127 mm
<b>Build height</b>	32 mm	45 mm	60 mm	75 mm	90 mm
<b>Weight</b>	80 g	95 g	105 g	110 g	120 g
<b>Max. body weight</b>	136 kg	136 kg	136 kg	136 kg	136 kg





## 4R104 Double adapter, sliding

The 4R104 sliding double adapter is used to connect two pyramids. The pyramid receivers enable distal and proximal angle adjustments of the prosthetic components in the frontal and sagittal planes. The dovetail guide makes it possible to shift the prosthetic components in the frontal and sagittal planes.



Max. 100 kg



### Scope of delivery

4R104	Double adapter, sliding	1	Piece(s)
501Z16	Clamping screw	2	Piece(s)
506G3=M5X8	Set screw	1	Piece(s)
506G3=M8X16	Set screw	8	Piece(s)

### Information material

647G1620=ALL_INT	Instructions for use   4R104
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### Technical data

Article image		
<b>Article number</b>	4R104=60	4R104=75
<b>Material</b>	Titanium	Titanium
<b>System height</b>	97 mm	112 mm
<b>Build height</b>	60 mm	75 mm
<b>Weight</b>	215 g	225 g
<b>Displacement</b>	+/- 11 mm	+/- 11 mm
<b>Max. body weight</b>	100 kg	100 kg



## 4R76 Double adapter

The 4R76 double adapter is used to connect two pyramid receivers. Due to the shape of the support surfaces, the adapter permits horizontal shifting on the flat side and an angle adjustment on the rounded side.



Max. 150 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R76	Stainless steel	-32 mm	4 mm	95 g	150 kg

### Scope of delivery

4R76	Double adapter	1	Piece(s)
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### Information material

647G300=ALL_INT	Instructions for use   4R76, 4R78
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## 4R78 Double adapter

The 4R78 double adapter is used to connect two pyramid receivers. Due to the shape of the support surfaces, the adapter permits an angle adjustment on both sides.



Max. 150 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R78	Stainless steel	-30 mm	6 mm	115 g	150 kg

### Scope of delivery

4R78	Double adapter	1	Piece(s)
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### Information material

647G300=ALL_INT	Instructions for use   4R76, 4R78
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## 6A53 Sliding adapter

The 6A53 sliding adapter permits the distal components of the modular prosthesis to be shifted in parallel, regardless of the angle adjustment by the pyramids. The adjustments can be made either in the frontal plane – medial or lateral – or in the sagittal plane – anterior or posterior.



Max. 125 kg



### Scope of delivery

6A53	Sliding adapter	1	Piece(s)
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### Information material

647G763=ALL_INT	Instructions for use   6A53, 6A54
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### Technical data

Article number	Material	System height	Build height	Weight	Displacement	Max. body weight
6A53	Aluminium	-16 mm	20 mm	180 g	20 mm	125 kg



## 6A54 Sliding adapter

The 6A54 sliding adapter permits the distal components of the modular prosthesis to be shifted in parallel, regardless of the angle adjustment by the pyramids. The adjustments can be made either in the frontal plane – medial or lateral – or in the sagittal plane – anterior or posterior.



Max. 125 kg



### Scope of delivery

6A54	Sliding adapter	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Information material

647G763=ALL_INT	Instructions for use   6A53, 6A54
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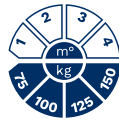
### Technical data

Article number	Material	System height	Weight	Displacement	Max. body weight
6A54	Aluminium	33 mm	180 g	20 mm	125 kg



## 4R84 Double adapter

The 4R84 double adapter features a pyramid and pyramid receiver. It serves as a connecting element between prosthetic components. Proximal and distal angle adjustments in the frontal and sagittal planes are possible.



Max. 150 kg

### Technical data

Article number	Material	System height	Weight	Max. body weight
4R84	Titanium	36 mm	115 g	150 kg

### Scope of delivery

4R84	Double adapter	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

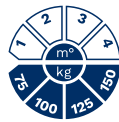
### Information material

647G1621=ALL_INT	Instructions for use   4R84
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## 4R84=D Connection adapter with pyramid

The 4R84=D and 4R84=D-62 connection adapters provide the connection between a tube clamp and a pyramid receiver. They differ in length and the material. The 4R84=D-62 adapter can be shortened. The 4R84=D adapter is resistant to fresh, salt and chlorinated water.



Max. 150 kg

### Technical data

Article image		
<b>Article number</b>	4R84=D	4R84=D-62
<b>Diameter</b>	30 mm	30 mm
<b>Material</b>	Titanium	Stainless steel
<b>System height</b>	19 mm	-
<b>Min. system height</b>	-	20 mm
<b>Max. system height</b>	-	48 mm
<b>Min. build height</b>	10 mm	10 mm
<b>Weight</b>	65 g	145 g
<b>Max. body weight</b>	150 kg	150 kg

- Suitable for use in water and damp conditions.



## 4R72=D Connection adapter with pyramid receiver

The 4R72=D and 4R72=D-62 connection adapters provide the connection between a tube clamp and a pyramid. They differ in length and the material. The 4R72=D-62 adapter can be shortened.



Max. 150 kg

### Scope of delivery

4R72=D	Connection adapter with pyramid receiver	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Technical data

Article image		
<b>Article number</b>	4R72=D	4R72=D-62
<b>Diameter</b>	30 mm	30 mm
<b>Material</b>	Titanium	Stainless steel
<b>System height</b>	66 mm	-
<b>Min. system height</b>	-	67 mm
<b>Max. system height</b>	-	96 mm
<b>Min. build height</b>	21 mm	21 mm
<b>Overall length</b>	76 mm	47 mm
<b>Weight</b>	70 g	150 g
<b>Max. body weight</b>	150 kg	150 kg

· The 4R72=D is suitable for use in water and damp conditions.



## 4R75 Connection adapter with pyramid receiver

The 4R75=D-70 connection adapter provides the connection between a tube clamp and a pyramid. It can be shortened.



Max. 150 kg

### Scope of delivery

4R75=D-70	Connection adapter, Ø 34 mm, INOX	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Technical data

<b>Article number</b>	4R75=D-70
<b>Diameter</b>	34 mm
<b>Material</b>	Stainless steel
<b>Min. system height</b>	76 mm
<b>Max. system height</b>	106 mm
<b>Min. build height</b>	25 mm
<b>Overall length</b>	89 mm
<b>Weight</b>	170 g
<b>Max. body weight</b>	150 kg



## 4R50 Pyramid with threaded connector

The 4R50 pyramid with threaded connector is used in combination with the 4R44=L pyramid receiver with threaded connector for individual length compensation and rotation adjustment in lower limb prostheses.



Max. 150 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R50	Titanium	-1 mm	17 mm	70 g	150 kg

### Scope of delivery

4R50	Pyramid with threaded connector	1	Piece(s)
501Z2=M6X20	Cap screw	1	Piece(s)

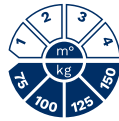
### Information material

647G185=ALL_INT	Instructions for use   4R44=L, 4R50
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## 4R44=L Pyramid receiver with threaded connector

The 4R44=L adapter is used in combination with the 4R50 pyramid with threaded connector for individual length compensation and rotation adjustment in lower limb prostheses. The adapter can be reduced in length. The combination of the 4R44=L with a lamination anchor with threaded connector creates a length-adjustable socket connector.



Max. 150 kg

### Technical data

<b>Article number</b>	4R44=L
<b>Min. system height</b>	31 mm
<b>Max. system height</b>	91 mm
<b>Min. build height</b>	22 mm
<b>Overall length</b>	87 mm
<b>Weight</b>	210 g
<b>Max. body weight</b>	150 kg
<b>Material</b>	Stainless steel

### Scope of delivery

4R44=L	Pyramid receiver with threaded connector	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

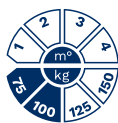
### Information material

647G185=ALL_INT	Instructions for use   4R44=L, 4R50
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### 4R101 Sliding adapter

The 4R101 sliding adapter permits translational adjustments in the frontal and sagittal planes. It consists of an upper and a lower part, which can be moved against each other. The displacement can be read on a scale. The adapter is installed between the socket attachment block and the socket adapter.



Max. 100 kg



**Scope of delivery**

4R101	Sliding adapter	1	Piece(s)
4Y212	Clamping nut	1	Piece(s)
501S44=M6X25	Oval flange head screw Allen screw	1	Piece(s)
501S41=M6X16	Countersunk head screw (Allen screw)	4	Piece(s)
506G3=M4X12	Set screw	4	Piece(s)



**Information material**

647G1628=ALL_INT	Instructions for use   4R101
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**Technical data**

Article number	Material	System height	Weight	Offset in m-l and a-p direction	Max. body weight
4R101	Aluminium	25 mm	205 g	+/- 11 mm	100 kg

· The 4R101 sliding adapter may only be used in transfemoral prostheses, proximal to the prosthetic knee joint.



### 4R118 Adapter plate

The 4R118 adapter plate is installed between the socket attachment block and socket adapter of a transfemoral prosthesis. It shifts the prosthetic knee joint in the posterior direction. The adapter plate permits repositioning between 10 mm and 25 mm.



Max. 125 kg



**Scope of delivery**

4R118	Adapter plate	1	Piece(s)
501S41=M6X12	Countersunk head screw (Allen screw)	4	Piece(s)
501S41=M6X16	Countersunk head screw (Allen screw)	4	Piece(s)
501T61=M6X12	Cap screw	4	Piece(s)
501T61=M6X25	Cap screw	4	Piece(s)
501T61=M6X30	Cap screw	4	Piece(s)

**Technical data**

Article number	Material	System height	Build height	Weight	Displacement	Max. body weight
4R118	Aluminium	10 mm	10 mm	75 g	10–25 mm	125 kg

· The 4R118 adapter plate may only be used in transfemoral prostheses, proximal to the prosthetic knee joint.

**Information material**

647G319=ALL_INT	Instructions for use   4R118
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## 4R170 Sliding adapter

The 4R170=1 and 4R170=2 sliding adapters enable fast and easy adjustment of the socket flexion position in transfemoral prostheses thanks to the option to make adjustments along a circular path. The adjustment of the sliding proximal connector is made with an Allen wrench.

### Key features

- The 4R170=1 is suitable for fittings with a larger socket flexion setting
- The 4R170=2 is suitable for fittings with a smaller socket flexion setting
- The adjustment range for both adapters is 4°. The socket flexion angle can be changed at any time. The settings can be reproduced with the help of the attached scale
- The exterior thread is used to connect to a lamination anchor with threaded connector
- The 4R50 pyramid can be screwed onto the thread to establish the connection to a prosthetic component with a pyramid receiver
- The proximal connector can be exchanged for the 4R173 pyramid receiver, which has to be ordered separately

### Scope of delivery

4R170	Sliding adapter	1	Piece(s)
507U20=8.4	Spacer washer	1	Piece(s)
501Z2=M8X40-1	Cap screw (Allen screw)	1	Piece(s)
501S41=M6X12-12.9	Countersunk head screw (allen screw)	4	Piece(s)

### Information material

647G644=ALL_INT	Instructions for use   4R170=1, 4R170=2
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Max. 150 kg



### Technical data

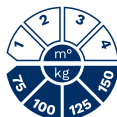
Article image		
<b>Article number</b>	4R170=1	4R170=2
<b>Material</b>	Stainless steel	Stainless steel
<b>Distal connection</b>	4-hole	4-hole
<b>Proximal connection</b>	Thread	Thread
<b>System height</b>	15 mm	15 mm
<b>Build height</b>	15 mm	15 mm
<b>Weight</b>	555 g	445 g
<b>Displacement</b>	4 mm	4 mm
<b>Max. body weight</b>	150 kg	150 kg

- The 4R170 sliding adapter may only be used in transfemoral prostheses, proximal to the prosthetic knee joint.
- For use in interim and definitive prostheses.
- Position the 4R170 sliding adapter 300 mm distally from the socket reference point, or as close to that as possible. Depending on the design, the length of the prosthesis then remains virtually unchanged despite changes in the socket flexion position.



## 4R173 Pyramid receiver

The 4R173 pyramid receiver can be used instead of the sliding exterior thread of the 4R170.



Max. 150 kg



### Technical data

Article number	Material	System height	Build height	Weight	Adjustment range	Max. body weight
4R173	Stainless steel	35 mm	17 mm	170 g	4 °	150 kg

### Scope of delivery

4R173	Pyramid receiver	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Information material

647G644=ALL_INT	Instructions for use   4R170=1, 4R170=2
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## Accessories/spare parts for double and sliding adapters



### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



### 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

#### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



### 501Z16 Clamping screw

The clamping screw is a spare part for the 4R88 and 4R103 tube clamp adapters and the 4R104 double adapter.

#### Technical data

Article number	Spare part for
501Z16	4R104=60
	4R103
	4R88
	4R104=75



### 506G3 Set screw

Set screw with Allen head and truncated cone, insertion depth 1.5 mm.

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Spare part for
506G3=M5X8	4R104=60
	4R103
	4R88
	4R104=75



### 501Z2 Cap screw (Allen screw)

501Z2 cap screw as a spare part for various Ottobock adapter systems.

#### Technical data

Article number	Spare part for	Thread
501Z2=M4X18	12R6=L	M4
	12R6=R	





## 4Y212 Clamping nut

4Y212 clamping nut as a spare part for 4R101 sliding adapter.

### Technical data

Article number	Spare part for
4Y212	4R101



## 501S44 Oval flange head screw Allen screw

501S44 oval flange head screw with Allen head as a spare part for the 4R101 sliding adapter.

### Technical data

Article number	Spare part for
501S44=M6X25	4R101

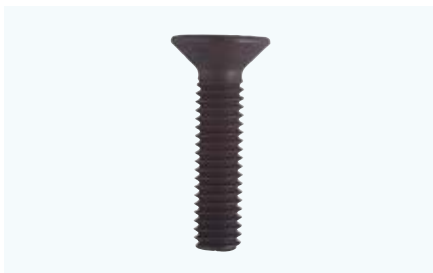


## 501T61 Cap screw

501T61 cap screws as spare parts for various products.

### Technical data

Article number	Length	Spare part for
501T61=M6X12	12 mm	4R118
501T61=M6X25	25 mm	4R118
501T61=M6X30	30 mm	4R118



## 501S41 Countersunk head screw (Allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

### Technical data

Article number	Spare part for
501S41=M6X12	4R101
	4R118
	5R2
501S41=M6X16	4R182
	4R183
	4R101
	4R118
	4R1
	5R2



## 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

### Technical data

Article number	Spare part for
506G3=M4X12	4R101 17PA1=20



### 4R100 Lamination anchor with pyramid adapter

The 4R100 lamination anchor is intended for lamination into the transtibial socket. It serves to connect with the distal prosthetic components and is equipped with a pyramid. The 4R100 is resistant to fresh, salt and chlorinated water.



Max. 100 kg

**Technical data**

Article number	Material	System height	Build height	Weight	Max. body weight
4R100	Titanium	-7 mm	11 mm	40 g	100 kg

**Scope of delivery**

4R100	Lamination anchor with pyramid adapter	1	Piece(s)
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**Information material**

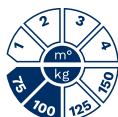
647G1627=ALL_INT	Instructions for use   4R63, 4R68, 4R100
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· The 4X3 lamination dummy and 4X52 lamination dummy are to be used for laminating. They are included with the lamination anchor.



### 4R68 Lamination anchor with pyramid adapter

The 4R68 lamination anchor is intended for lamination into the transtibial socket. It serves to connect with the distal prosthetic components and is equipped with a pyramid.



Max. 100 kg

**Technical data**

Article number	Material	System height	Build height	Weight	Max. body weight
4R68	Aluminium	-7 mm	11 mm	70 g	100 kg

**Scope of delivery**

4R68	Lamination anchor with pyramid adapter	1	Piece(s)
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**Information material**

647G1627=ALL_INT	Instructions for use   4R63, 4R68, 4R100
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· The 4X3 lamination dummy is to be used for laminating. It is included with the lamination anchor.



### 4R63 Lamination anchor with pyramid adapter

The 4R63 lamination anchor is intended for lamination into the transtibial socket. It serves to connect with the distal prosthetic components and is equipped with a pyramid.



Max. 136 kg

**Technical data**

Article number	Material	System height	Build height	Weight	Max. body weight
4R63	Stainless steel	-7 mm	11 mm	85 g	136 kg

**Scope of delivery**

4R63	Lamination anchor with pyramid adapter	1	Piece(s)
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**Information material**

647G1627=ALL_INT	Instructions for use   4R63, 4R68, 4R100
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· The 4X3 and 4X52 lamination dummies should be used during laminating. They are included with the lamination anchor.

**Scope of delivery**

4R42	Lamination anchor with pyramid adapter	1	Piece(s)
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## 4R42 Lamination anchor with pyramid adapter

The 4R42 and 4R42=1 lamination anchors are laminated into a prosthetic socket. They serve to connect the prosthetic socket to the distal prosthetic components. The pyramid of the 4R42=1 has a bore-hole.





Max. 150 kg



Max. 136 kg

**Technical data**

Article image		
<b>Article number</b>	4R42	4R42=1
<b>Material</b>	Stainless steel	Stainless steel
<b>System height</b>	-5 mm	-5 mm
<b>Build height</b>	13 mm	13 mm
<b>Weight</b>	130 g	125 g
<b>Max. body weight</b>	150 kg	136 kg

· The 4X3 lamination dummy is to be used for laminating. It is enclosed with the lamination anchors.

**Scope of delivery**

4R43	Lamination anchor with threaded connector	1	Piece(s)
501Z2=M5X30	Cap screw	1	Piece(s)

## 4R43 Lamination anchor with threaded connector

The 4R43 lamination anchor is laminated into a prosthetic socket. It serves to connect the prosthetic socket to the distal prosthetic components.



Max. 125 kg

**Technical data**

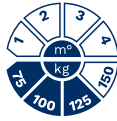
Article number	Material	System height	Weight	Max. body weight
4R43	Stainless steel	8 mm	95 g	125 kg

· During the lamination process the laminating aid 4X46 or 4X46=ST (in combination with 4R57=ST or 4R57=ST-WR) should be used. It must be ordered separately.



## 4R89 Lamination anchor with pyramid, rotatable

The 4R89 lamination anchor is laminated into a prosthetic socket. It serves to connect the prosthetic socket to the distal prosthetic components.



Max. 125 kg



### Scope of delivery

4R89	Lamination anchor with pyramid, rotatable	1	Piece(s)
501Z2=M5X30	Cap screw	1	Piece(s)



### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R89	Stainless steel	-3 mm	15 mm	180 g	125 kg

· Use the 4X46 lamination dummy when laminating. It must be ordered separately.



## 4R41 Lamination anchor with pyramid receiver, rotating

The 4R41 lamination anchor is laminated into a prosthetic socket. It serves to connect the prosthetic socket to the distal prosthetic components.



Max. 125 kg



### Scope of delivery

4R41	Lamination anchor with pyramid receiver, rotating	1	Piece(s)
501Z2=M5X30	Cap screw	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)



### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R41	Stainless steel	39 mm	21 mm	170 g	125 kg

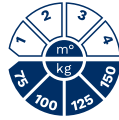
· Use the 4X46 lamination dummy when laminating. It must be ordered separately.



## 4R111=N/4R111=T Lamination anchor with threaded connector

The 4R111=N and 4R111=T lamination anchors are laminated into a prosthetic socket. They serve to connect the prosthetic socket to the distal prosthetic components. The 4R111=T is waterproof.

This is a spare part for the 6A20=10 and 6A20=20 shuttle locks.



Max. 150 kg



Max. 125 kg

### Technical data

Article number	Material	System height	Weight	Max. body weight
4R111=N	Stainless steel	13 mm	80 g	150 kg
4R111=T	Stainless steel	13 mm	85 g	125 kg

- During the lamination process the laminating aid 4X46 or 4X46=ST (in combination with 4R57=ST or 4R57=ST-WR) should be used. It must be ordered separately.
- The 4R111=T may only be used in transfemoral prostheses.

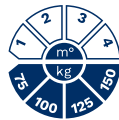
### Scope of delivery

4R111=T	Lamination anchor with threaded connector	Only for 4R111=T	1	Piece(s)
4R111=N	Lamination anchor with threaded connector	Only for 4R111=N	1	Piece(s)
507U16=5.2-NIRO	Rounded washer		1	Piece(s)
501T3=M5X25	Cap Screw	Only for 4R111=T	1	Piece(s)
501T24=M5X25	Clamping screw, blue coated	Only for 4R111=T	1	Piece(s)
501Z2=M5X22	Cap screw	Only for 4R111=N	1	Piece(s)



## 4R116 Lamination anchor with pyramid, rotatable

The 4R116 and 4R116=T lamination anchors are laminated into a prosthetic socket. They serve to connect the prosthetic socket to the distal prosthetic components. The 4R116=T is waterproof.



Max. 150 kg



Max. 125 kg



### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R116	Stainless steel	2 mm	20 mm	165 g	150 kg
4R116=T	Stainless steel Titanium	2 mm	20 mm	170 g	125 kg

- Use the 4X46 lamination dummy when laminating. It must be ordered separately.
- The 4R116=T may only be used in transfemoral prostheses.

### Scope of delivery

4R116	Lamination anchor with pyramid, rotatable		1	Piece(s)
4R116=T	Lamination anchor with pyramid, rotatable	Only for 4R116=T	1	Piece(s)
507U16=5.2-NIRO	Rounded washer		1	Piece(s)
501Z2=M5X22	Cap screw	Only for 4R116	1	Piece(s)
501T3=M5X25	Cap Screw	Only for 4R116=T	1	Piece(s)
501T24=M5X25	Clamping screw, blue coated	Only for 4R116=T	1	Piece(s)



## 4R111 Lamination anchor with pyramid receiver, rotating

The 4R111 lamination anchor is laminated into a prosthetic socket. It serves to connect the prosthetic socket to the distal prosthetic components.



### Scope of delivery

4R111	Lamination anchor with pyramid receiver, rotating	1	Piece(s)
507U16=5.2-NIRO	Rounded washer	1	Piece(s)
501Z2=M5X22	Cap screw	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R111	Stainless steel	44 mm	26 mm	155 g	150 kg

- Use the 4X46 lamination dummy when laminating. It must be ordered separately.



## 4R119=N\* Lamination anchor with threaded connector and angled arm

The 4R119=N and 4R119=NT lamination anchors are laminated into a prosthetic socket. The angled anchor arm is intended for posterior positioning. It takes the flexion position of the residual limb/socket into account. The 4R119=NT is waterproof.



### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R119=N	Stainless steel	13 mm	13 mm	95 g	150 kg
4R119=NT	Stainless steel	13 mm	13 mm		

### Scope of delivery

4R119=NT	Lamination Anchor, 4-prong, angled	Only for 4R119=NT	1	Piece(s)
4R119=N	Lamination anchor with threaded connector and angled arm	Only for 4R119=N	1	Piece(s)
507U16=5.2-NIRO	Rounded washer			
501T3=M5X25	Cap Screw	Only for 4R119=NT	1	Piece(s)
501T24=M5X25	Clamping screw, blue coated	Only for 4R119=NT	1	Piece(s)
501Z2=M5X22	Cap screw	Only for 4R119=N	1	Piece(s)

- During the lamination process the laminating aid 4X46 or 4X46=ST (in combination with 4R57=ST or 4R57=ST-WR) should be used. It must be ordered separately.
- The 4R119=N may only be used in transfemoral prostheses.



## 4R117 Lamination anchor with pyramid and angled arm, rotatable

The 4R117 and 4R117=T lamination anchors are laminated into a prosthetic socket. The angled anchor arm is intended for posterior positioning. It takes the flexion position of the residual limb/socket into account. The 4R117=T is waterproof.



Max. 150 kg



### Scope of delivery

4R117	Lamination anchor with pyramid and angled arm, rotatable	Only for 4R117	1	Piece(s)
4R117=T	Lamination anchor with pyramid and angled arm, rotatable	Only for 4R117=T	1	Piece(s)
507U16=5.2-NIRO	Rounded washer		1	Piece(s)
501Z2=M5X22	Cap screw	Only for 4R117	1	Piece(s)
501T3=M5X25	Cap Screw	Only for 4R117=T	1	Piece(s)
501T24=M5X25	Clamping screw, blue coated	Only for 4R117=T	1	Piece(s)

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R117	Stainless steel	2 mm	20 mm	145 g	150 kg
4R117=T	Stainless steel Titanium	2 mm	20 mm	145 g	150 kg

- Use the 4X46 Lamination dummy when laminating. It must be ordered separately.



## 4R119 Lamination anchor with pyramid receiver and angled arm, rotatable

The 4R119 and 4R119=T lamination anchors are laminated into a prosthetic socket. They have an angled anchor arm intended for posterior positioning. It takes the flexion position of the residual limb/socket into account. The 4R119=T is waterproof.



Max. 150 kg



### Scope of delivery

4R119	Lamination anchor with pyramid receiver and angled arm, rotatable	Only for 4R119	1	Piece(s)
4R119=T	Lamination anchor with angled arm, corrosion-resistant	Only for 4R119=T	1	Piece(s)
507U16=5.2-NIRO	Rounded washer		1	Piece(s)
501Z2=M5X22	Cap screw		1	Piece(s)
501T3=M5X25	Cap Screw	Only for 4R119=T	1	Piece(s)
506G3=M8X12-V	Set screw		4	Piece(s)
501T24=M5X25	Clamping screw, blue coated	Only for 4R119=T	1	Piece(s)

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R119	Stainless steel	44 mm	26 mm	165 g	150 kg
4R119=T	Titanium	44 mm	26 mm	135 g	150 kg

- Use the 4X46 lamination dummy when laminating. It must be ordered separately.
- The 4R119 may only be used in transfemoral prostheses.



## Accessories/spare parts for lamination anchors



### 4X3 Lamination dummy

The 4X3 lamination dummy is a spare part for the 4R42, 4R42=1, 4R63, 4R68 and 4R100 lamination anchors. It is included in the scope of delivery of the respective lamination anchors.

**Technical data**

Article number	Spare part for
4X3	4R63 4R100 4R68 4R42 4R42=1



### 4X52 Lamination Dummy

The 4X52 lamination dummy is a spare part for the 4R63 and 4R100 lamination anchors. It is included in the scope of delivery of the respective lamination anchors.

**Technical data**



Article number	Spare part for
4X52	4R63 4R100



### 4X46 Lamination Dummy

The 4X46 lamination dummy should be used for laminating the lamination anchors. The 4X46=ST lamination dummy is used for the 4R57=ST rotation adapter. Use the 4X46 lamination dummy when the lamination anchor is to be used with a screwed insert. Use the 4X46=ST when the next prosthetic component will be screwed directly into the anchor (e.g. 4R57=ST). It is somewhat higher proximally so that the thread does not come into contact with the laminate when fully screwed in.

**Technical data**

Article image		
<b>Article number</b>	4X46	4X46=ST
<b>Accessory for</b>	4R111=N 4R116 4WR95=2 4R117 4R89 4R119 4R43 4R41 4R111 4R111=T 4R119=T 4R119=N 4R117=T 4WR95=1 4R119=NT 4R116=T	4R57 4R111=N 4R43 4R111=T 4R119=N 4R119=NT



### 4R87 Pyramid with threaded connector

The 4R87 and 4R87=T pyramids with threaded connector are screwed into a lamination anchor with threaded connector. The 4R87=T is waterproof.

**Technical data**

Article number	Material	System height	Build height	Weight	Spare part for
4R87	Stainless steel	-11 mm	7 mm	85 g	4R116 4R89 4R117
4R87=T	Titanium	-11 mm	7 mm	50 g	4R117=T 4R116=T





## 4R44 Pyramid receiver with threaded connector

The 4R44=N pyramid receiver with threaded connector is available as a single component of the 4R41, 4R111 and 4R119 lamination anchor.

The 4R44=T pyramid receiver with thread is available as a single component of the 4R119=T lamination anchor.

The 4R44=N and 4R44=T pyramid receivers with threaded connector are screwed into a lamination anchor with threaded connector. The 4R44=T is waterproof.

### Technical data

Article number	Material	System height	Build height	Weight	Spare part for
4R44=N	Stainless steel	31 mm	13 mm	75 g	4R41 4R41 4R111 4R119
4R44=T	Titanium	31 mm	13 mm	45 g	4R119=T



## 501Z2 Cap screw (Allen screw)

501Z2 cap screw as a spare part for various Ottobock adapter systems.

### Technical data

Article number	Spare part for	Thread
501Z2=M4X18	12R6=L 12R6=R	M4



## 501T3 Cap Screw

The 501T3=M3X25 galvanised cap screw is an accessory and spare part for various tube clamp adapters and lamination anchors.

### Technical data

Article number
501T3=M5X25



## 501T24 Clamping screw, blue coated

501T24 blue coated clamping screw as a spare part for the 4R119 lamination anchor and 4WR95 waterproof tube clamp adapter.

### Technical data

Article number	Length	Spare part for
501T24=M5X25	25 mm	4WR95=3 4R117=T 4WR95=1 4WR95=2 4WR95=2 4R111=T 4R116=T 4R119=T 4R119=NT



## 507U16 Rounded washer

507U16 rounded washer as a spare part for the 4R111, 4R116 and 4R119 lamination anchor and the 4WR95 waterproof tube clamp adapter.

### Technical data

Article number	Spare part for
507U16=5.2-NIRO	4R117=T 4R117=T 4WR95=1 4WR95=2 4R111 4R111=N 4R116 4R119 4R119=N 4R111=T 4R117 4R116=T 4R119=T



## 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



## 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



## 4R54 Socket adapter with pyramid adapter

The 4R54 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks. It is resistant to fresh, salt and chlorinated water.

The 4R54=10 socket adapter is used for connection to the ProCave knee joint. Its pyramid is angled by 10°.



Max. 150 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R54	Titanium	-11 mm	7 mm	50 g	150 kg
4R54=10	Titanium	-6 mm	7 mm	80 g	150 kg

### Scope of delivery

4R54	Socket adapter with pyramid adapter	1	Piece(s)
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### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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## 4R74 Socket adapter with pyramid adapter

The 4R74 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 100 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R74	Aluminium	-7 mm	11 mm	55 g	100 kg

### Scope of delivery

4R74	Socket adapter with pyramid adapter	1	Piece(s)
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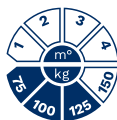
### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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## 4R74 Socket adapter with pyramid adapter

The 4R74=AL socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 136 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R74=AL	Aluminium	-7 mm	11 mm	70 g	136 kg

### Scope of delivery

4R74	Socket adapter with pyramid adapter	1	Piece(s)
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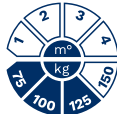
### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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### 4R23 Socket adapter with pyramid adapter

The 4R23 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 125 kg

**Technical data**

Article number	Material	System height	Build height	Weight	Max. body weight
4R23	Stainless steel	-11 mm	7 mm	85 g	125 kg

**Scope of delivery**

4R23	Socket adapter with pyramid adapter	1	Piece(s)
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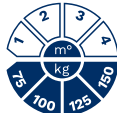
**Information material**

647G1626=ALL_INT	Instructions for use   Socket adapters
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### 4R77 Socket adapter with pyramid, rotatable

The 4R77 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks. It is waterproof.



Max. 150 kg



**Scope of delivery**

4R77	Socket adapter with pyramid, rotatable	1	Piece(s)
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**Information material**

647G1626=ALL_INT	Instructions for use   Socket adapters
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**Technical data**

Article number	Material	System height	Build height	Weight	Max. body weight
4R77	Titanium	-9 mm	9 mm	70 g	150 kg



## 4R73 Socket adapter with pyramid, eccentric

The 4R73=A and 4R73=D socket adapters are used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks. The 4R73=A enables displacement in the sagittal or frontal plane, while the 4R73=D enables displacement in both planes.

The 4R73=D enables displacement in the sagittal and frontal plane.

The 4R73=A enables displacement in the sagittal or frontal plane.



Max. 150 kg



### Scope of delivery

4R73	Socket adapter with pyramid, eccentric	1	Piece(s)
501S41=M6X12X11.4	Countersunk head screw (allen screw)	4	Piece(s)
501S41=M6X25X11.4	Countersunk head screw (allen screw)	4	Piece(s)
501S41=M6X30X11.4	Countersunk head screw (allen screw)	4	Piece(s)

### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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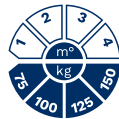
### Technical data

Article number	Material	System height	Build height	Weight	Pyramid alignment	Max. body weight
4R73=A	Titanium	-11 mm	7 mm	115 g	Axially offset by 7 mm	150 kg
4R73=D	Titanium	-11 mm	7 mm	115 g	Diagonally offset by 5 mm	150 kg



## 4R55 Socket adapter with pyramid receiver

The 4R55 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 150 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R55	Titanium	33 mm	15 mm	50 g	150 kg

### Scope of delivery

4R55	Socket adapter with pyramid receiver	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

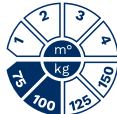
### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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## 4R95 Socket adapter with pyramid receiver

The 4R95 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 100 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R95	Aluminium	33 mm	15 mm	50 g	100 kg

### Scope of delivery

4R95	Socket adapter with pyramid receiver	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

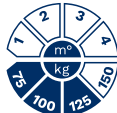
### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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## 4R22 Socket adapter with pyramid receiver

The 4R22 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 125 kg

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R22	Stainless steel	33 mm	15 mm	85 g	125 kg

### Scope of delivery

4R22	Socket adapter with pyramid receiver	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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## 4R51 Socket adapter with pyramid receiver, rotatable

The 4R51 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 150 kg



### Scope of delivery

4R51	Socket adapter with pyramid receiver, rotatable, titanium	1	Piece(s)
4Y19	Pressure plate for 4R37	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R51	Titanium	36 mm	18 mm	80 g	150 kg

### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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## 4R37 Socket adapter with pyramid receiver, rotatable

The 4R37 socket adapter is used to connect prosthetic components with a four-hole connector, such as the 5R1 and 5R2 socket attachment blocks.



Max. 125 kg



### Scope of delivery

4R37	Socket adapter with pyramid receiver, rotatable	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Technical data

Article number	Material	System height	Build height	Weight	Max. body weight
4R37	Stainless steel	36 mm	18 mm	140 g	125 kg

### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
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## Accessories/spare parts for socket adapters



### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm

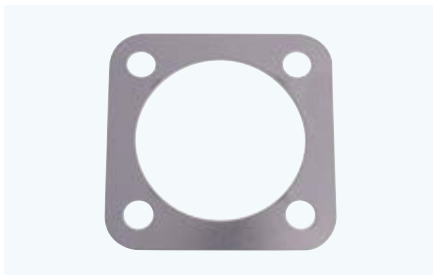


### 501S41 Countersunk head screw (Allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

#### Technical data

Article number	Length	Spare part for
501S41=M6X12X11.4	12 mm	4R73=D 4R73=A
501S41=M6X25X11.4	25 mm	4R73=D 4R73=A
501S41=M6X30X11.4	30 mm	4R73=D 4R73=A



### 4Y19 Pressure plate

This pressure plate is available as a spare part.

#### Technical data

Article number	Spare part for
4Y19	4R37 4R51 4R77





## 5R1 Socket attachment block for lamination technique

The 5R1=1, 5R1=2, 5R1=6 and 5R1=6-H socket attachment blocks can be adapted to the contour of the prosthetic socket. They are laminated into the socket and serve to connect the prosthetic socket to a socket adapter.



Max. 125 kg



Max. 150 kg





### Scope of delivery

5R1	Socket attachment block for lamination technique	1	Piece(s)
501S41=M6X25	Countersunk head screw (Allen screw)	4	Piece(s)
4X6	Lamination dummy	1	Piece(s)

### Information material

647G92=ALL_INT	Instructions for use   5R1=*
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### Technical data

Article image				
<b>Article number</b>	5R1=1	5R1=2	5R1=6	5R1=6-H
<b>Material</b>	Wood, Plastic	Wood, Plastic	Wood, Plastic	Wood, Plastic
<b>System height</b>	-	-	30 mm	33 mm
<b>Min. system height</b>	46 mm	46 mm	-	-
<b>Max. system height</b>	64 mm	64 mm	-	-
<b>Build height</b>	-	-	30 mm	33 mm
<b>Min. build height</b>	46 mm	46 mm	-	-
<b>Overall length</b>	64 mm	64 mm	-	-
<b>Weight</b>	445 g	305 g	155 g	155 g
<b>Max. body weight</b>	125 kg	125 kg	125 kg	150 kg

• The enclosed 4X6 lamination dummy is to be used for laminating.



## 5R2 Lamination disc

The 5R2 lamination disc is laminated into the prosthetic socket. It serves to connect the prosthetic socket to a socket adapter.

This is an accessory for the 6A30=20N shuttle lock.



Max. 150 kg

### Technical data

Article number	Material	System height	Weight	Max. body weight
5R2	Aluminium	9 mm	70 g	150 kg

• The enclosed 4X86 lamination dummy is to be used for laminating.

### Scope of delivery

5R2	Lamination disc	1	Piece(s)
501S41=M6X12	Countersunk head screw (Allen screw)	4	Piece(s)
501S41=M6X16	Countersunk head screw (Allen screw)	4	Piece(s)
501S74=3.5X9.5	Sheet metal screw	6	Piece(s)
4X86	Laminierschutz	1	Piece(s)

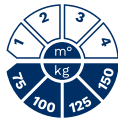
### Information material

647G179=ALL_INT	Instructions for use   5R2
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## 5R2=C Socket attachment carbon

The 5R2=C socket attachment made of carbon can be integrated into the prosthetic socket using prepreg technology. It serves to connect the prosthetic socket to a socket adapter. This is an accessory for the 6A30=10N and 6A30=20N shuttle locks.



Max. 150 kg

### Technical data

Article number	Material	System height	Weight	Max. body weight
5R2=C	Carbon	10 mm	50 g	150 kg

### Scope of delivery

5R2=C	Socket attachment block	1	Piece(s)
501S41=M6X12	Countersunk head screw (Allen screw)	4	Piece(s)
501S41=M6X16	Countersunk head screw (Allen screw)	4	Piece(s)
4X301	Laminierschutz	1	Piece(s)

- The enclosed 4X301 lamination dummy is to be used for laminating.
- 616B10=5 carbon fibre woven prepreg is particularly suitable for fabricating a thin-walled, high-strength and lightweight socket.

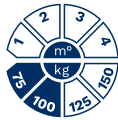
### Information material

647G821=ALL_INT	Instructions for use   5R2=C
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## 5R6 Socket attachment block for thermoplastic socket

The 5R6 socket attachment block serves to provide a detachable connection for self-supporting sockets with a socket adapter. It is available in three sizes for various residual limb circumferences.



Max. 100 kg

### Technical data

Article image	Article number	Material	Residual limb end circumference	System height	Weight	Max. body weight
	5R6=1	Aluminium	~400 mm	4 mm	160 g	100 kg
	5R6=2	Aluminium	~320 mm	4 mm	135 g	100 kg
	5R6=3	Aluminium	~250 mm	4 mm	115 g	100 kg

### Scope of delivery

5R6	Socket attachment block for thermoplastic socket	1	Piece(s)
501S41=M6X30	Countersunk head screw (Allen screw)	4	Piece(s)

### Information material

647G1623=ALL_INT	Instructions for use   5R6, 5Y14
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- Use the 5Y14 tool to create the proper distal shape. It must be ordered separately.

## Accessories/spare parts for socket attachment blocks



### 5Y14 Tool

The 5Y14 tool makes it easier to create the proper distal shape. It is available in three sizes corresponding to the 5R6 socket attachment block.

#### Technical data

Article number	for
5Y14=1	5R6=1
5Y14=2	5R6=2
5Y14=3	5R6=3



### 501S41 Countersunk head screw (Allen screw)

The countersunk Allen head screw is a spare part for various Ottobock adapter systems.

#### Technical data

Article number	Length	Spare part for
501S41=M6X12	12 mm	4R112 4R101 4R170 4R118 5R2 5R2
501S41=M6X16	16 mm	4R182 4R183 4R101 4R118 4R1 5R2 5R2
501S41=M6X25	25 mm	5R1 5R1
501S41=M6X30	30 mm	5R6 5R6



### 501S74 Sheet metal screw

The 501S74 self-tapping screw is a spare part for the 5R2 lamination disc.

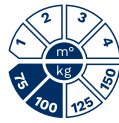
#### Technical data

Article number	Spare part for
501S74=3.5X9.5	5R2



## 2R120 Modular transtibial kit

The modular transtibial kit consists of the 4R52 tube clamp adapter and 2R37 tube adapter.



Max. 100 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R120	30 mm	Titanium	100 kg

Technical data and information regarding the individual components of the kit can be found under the respective components.

### Scope of delivery

4R52	Tube clamp adapter	1	Piece(s)
2R37	Tube adapters	1	Piece(s)

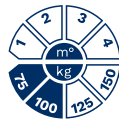
### Information material

647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters



## 2R121 Modular transtibial kit

The modular transtibial kit consists of the 4R100 lamination anchor with pyramid, 4R52 tube clamp adapter and 2R37 tube adapter.



Max. 100 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R121	30 mm	Titanium	100 kg

Technical data and information regarding the individual components in the kit can be found under the respective components.

### Scope of delivery

4R100	Lamination anchor with pyramid adapter	1	Piece(s)
4R52	Tube clamp adapter	1	Piece(s)
2R37	Tube adapters	1	Piece(s)

### Information material

647G1627=ALL_INT	Instructions for use   4R63, 4R68, 4R100
647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters



## 2R105 Modular transtibial kit

The modular transtibial kit consists of the 4R69 tube clamp adapter and 2R50 tube adapter.



Max. 125 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R105	30 mm	Aluminium	125 kg

• Technical data and information regarding the individual components in the kit can be found under the respective components.

### Scope of delivery

4R69	Tube clamp adapter	1	Piece(s)
2R50	Tube adapters	1	Piece(s)

### Information material

647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters



## 2R122 Modular transtibial kit

The modular transtibial kit consists of the 4R68 lamination anchor with pyramid, 4R69 tube clamp adapter and 2R50 tube adapter.



Max. 100 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R122	30 mm	Aluminium	100 kg

• Technical data and information regarding the individual components in the kit can be found under the respective components.

### Scope of delivery

4R68	Lamination anchor with pyramid adapter	1	Piece(s)
4R69	Tube clamp adapter	1	Piece(s)
2R50	Tube adapters	1	Piece(s)

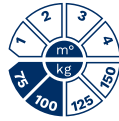
### Information material

647G1627=ALL_INT	Instructions for use   4R63, 4R68, 4R100
647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters



## 2R123 Modular transtibial kit

The modular transtibial kit consists of the 4R21 tube clamp adapter and 2R2 tube adapter.



Max. 100 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R123	30 mm	Stainless steel	100 kg

Technical data and information regarding the individual components in the kit can be found under the respective components.

### Scope of delivery

4R21	Tube clamp adapter	1	Piece(s)
2R2	Tube adapters	1	Piece(s)

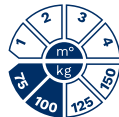
### Information material

647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters



## 2R124 Modular transtibial kit

The modular transtibial kit consists of the 4R63 lamination anchor with pyramid, 4R21 tube clamp adapter and 2R2 tube adapter.



Max. 100 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R124	30 mm	Stainless steel	100 kg

Technical data and information regarding the individual components in the kit can be found under the respective components.

### Scope of delivery

4R63	Lamination anchor with pyramid adapter	1	Piece(s)
4R21	Tube clamp adapter	1	Piece(s)
2R2	Tube adapters	1	Piece(s)

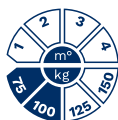
### Information material

647G1627=ALL_INT	Instructions for use   4R63, 4R68, 4R100
647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters



## 2R125 Modular transtibial kit

The modular transtibial kit consists of the 4R63 lamination anchor with pyramid, 4R21 tube clamp adapter, 2R2 tube adapter and 2R8 SACH\* foot adapter with threaded connection.



Max. 100 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R125=M8	30 mm	Stainless steel	100 kg
2R125=M10	30 mm	Stainless steel	100 kg

### Scope of delivery

4R63	Lamination anchor with pyramid adapter	1	Piece(s)
4R21	Tube clamp adapter	1	Piece(s)
2R2	Tube adapters	1	Piece(s)
2R8	Foot adapter with screw connection, steel	1	Piece(s)

### Information material

647G1627=ALL_INT	Instructions for use   4R63, 4R68, 4R100
647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters
647G903=ALL_INT	Instructions for use   Tube clamp adapter

Technical data and information regarding the individual components in the kit can be found under the respective components.



## 2R102 Modular transtibial kit

The modular transtibial kit consists of the 4R82 tube clamp adapter and 2R57 tube adapter.



Max. 150 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R102	34 mm	Titanium	150 kg

### Scope of delivery

4R82	Tube clamp adapter	1	Piece(s)
2R57	Tube adapters	1	Piece(s)

### Information material

647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters

Technical data and information regarding the individual components in the kit can be found under the respective components.



## 2R103 Modular transtibial kit

The modular transtibial kit consists of the 4R91 tube clamp adapter and 2R76 tube adapter.



Max. 150 kg

### Technical data

Article number	Diameter	Material	Max. body weight
2R103	34 mm	Stainless steel	150 kg

Technical data and information regarding the individual components in the kit can be found under the respective components.

### Scope of delivery

4R91	Tube clamp adapter	1	Piece(s)
2R76	Tube adapters	1	Piece(s)

### Information material

647G903=ALL_INT	Instructions for use   Tube clamp adapter
647G902=ALL_INT	Instructions for use   Tube adapters



## 4R201 Modular transfemoral set

The modular transfemoral kit consists of the 4R37 socket adapter with pyramid receiver, 3R40 modular lightweight knee joint and 2R49 tube adapter.



Max. 100 kg

### Technical data

Article number	Mobility grade	Diameter	Material	Max. body weight
4R201	1	30 mm	Aluminium, Stainless steel	100 kg

Technical data and information regarding the individual components in the kit can be found under the respective components.

### Scope of delivery

4R37	Socket adapter with pyramid receiver, rotatable	1	Piece(s)
3R40	Lightweight knee joint, monocentric, with lock	1	Piece(s)
2R49	Tube adapters	1	Piece(s)

### Information material

647G1626=ALL_INT	Instructions for use   Socket adapters
647G82=ALL_INT	Instructions for use   3R40
647G902=ALL_INT	Instructions for use   Tube adapters



**Information material**

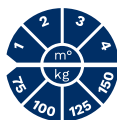
647G1789=ALL\_INT Instructions for use | 4R11

## 4R11 Quickchange

With the 4R11 Quickchange adapter, amputees can remove their distal prosthetic components from the socket by themselves when needed, in just one step. This makes dressing and undressing easier and sitting more comfortable. In addition, a fitting with various prosthetic feet or knee-foot combinations is possible.

**Key features**

- Base element with locking mechanism
- Four different connection options
- Simple locking mechanism
- Also suitable for children
- Protected against fresh, salt and chlorinated water



Max. 150 kg

**Technical data**

Article image				
<b>Build height</b>	44 mm	55 mm	41 mm	41 mm
<b>Weight</b>	370 g	370 g	330 g	325 g
<b>Connection</b>	Pyramid/pyramid receiver	Pyramid receiver/pyramid receiver	Thread/pyramid receiver	Thread for modular system for children/pyramid receiver
<b>Mobility grade</b>	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4
<b>Max. body weight</b>	150 kg	150 kg	150 kg	45 kg
<b>Max. body weight (high activity)</b>	125 kg	125 kg	125 kg	45 kg
<b>User group</b>	adults, children	adults, children	adults, children	adults, children
<b>Activities</b>	Daily use, Sports	Daily use, Sports	Daily use, Sports	Daily use, Sports
<b>Moisture resistance</b>	waterproof	waterproof	waterproof	waterproof
<b>Material</b>	Titanium, Stainless steel	Titanium, Stainless steel	Titanium, Stainless steel	Titanium, Stainless steel

- A set always consists of a base element and a connector. Please consider in advance which additional connections and components you need for the entire prosthetic fitting.
- All parts are available separately as accessories and spare parts.

## Components of 4R11



### 4R11 Quickchange

Connecting element with pyramid.

**Technical data**

<b>Article number</b>	4R11=P-1-1
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### 4R11 Quickchange

Connecting element with pyramid receiver.

**Technical data**

<b>Article number</b>	4R11=R-1-1
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## 4R11 Quickchange

Connecting element with thread.

### Technical data

Article number	4R11=ST-1-1
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## 4R11 Quickchange

Connecting element with thread for modular system for children.

### Technical data

Article number	4R11=ST-2-1
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## 4R11 Quickchange

Base element with pyramid receiver.

### Technical data

Article number	4R11=R-3-2
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## Accessories/spare parts

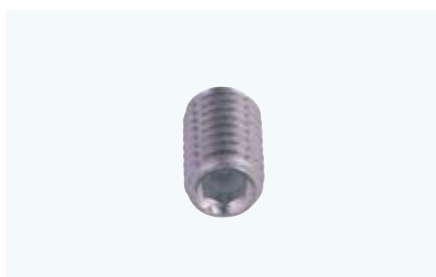


### 4X907 Reducer pyramid receiver

With the 4X907=1, the pyramid receiver of the base element can be reduced so that the Quickchange adapter can also be used with the modular system for children.

#### Technical data

Article number
4X907=1

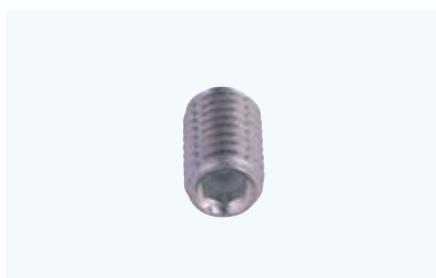


### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



### 506G5 Titanium set screw

The 506G5 set screws made of titanium are intended as accessories for waterproof adapters with pyramid receiver. They improve the corrosion resistance of the products and are available in 3 lengths.

#### Technical data

Article number	Length
506G5=M8X12	12 mm
506G5=M8X14	14 mm
506G5=M8X16	16 mm



## 4R57 Rotation adapter

Incorporating the rotation adapter above the knee joint makes it possible to rotate the lower leg relative to the socket with the knee flexed. This considerably enhances safety for the amputee and makes everyday life easier. The adapter's rotating mechanism is activated by pressing the release button and locks automatically.

### Key features

- Enhanced safety: the prosthesis can be swung to the side while driving. This minimises the risk of the prosthetic foot becoming stuck in the area of the pedals. In addition, this function allows the amputee to sit with the leg in a more relaxed position, improving their focus on road traffic.
- The rotation adapter makes everyday activities easier, such as putting on shoes without strain on the back, and allows the user to sit comfortably. The sitting position can be varied up to sitting cross-legged.
- The thread of the 4R57=ST enables the space-saving installation of the adapter, since it can for instance be screwed into the 4R111=N and 4R43 lamination anchors.

### Scope of delivery

4R57	Rotation adapter	1	Piece(s)
506G3=M8X12	Set screw	4	Piece(s)

### Information material

647G258=ALL_INT	Instructions for use   4R57, 4R57=ST
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Max. 150 kg

### Technical data

Article image		
<b>Article number</b>	4R57	4R57=ST
<b>Mobility grade</b>	1, 2, 3, 4	1, 2, 3, 4
<b>Material</b>	Steel, stainless	Steel, stainless
<b>Proximal connection</b>	Pyramid	Thread
<b>Distal connection</b>	Pyramid receiver	Pyramid receiver
<b>System height</b>	22 mm	42 mm
<b>Build height</b>	22 mm	24 mm
<b>Weight</b>	170 g	185 g
<b>Rotation</b>	max. 360° (without foam cover)	max. 360° (without foam cover)
<b>Max. body weight</b>	150 kg	150 kg

- In order to properly screw the 4R57=ST into the lamination anchor, the 4X46=ST lamination dummy must be used for laminating. It must be ordered separately.
- The 4R57 cannot be combined with the 2R49, 2R50, 4R95 and 4R98 because the connectors have different dimensions.

## Accessories/spare parts



### 4X46 Lamination dummy

The 4X46 lamination dummy should be used for laminating the lamination anchors. The 4X46=ST lamination dummy is used for the 4R57=ST rotation adapter. Use the 4X46 lamination dummy when the lamination anchor is to be used with a screwed insert. Use the 4X46=ST when the next prosthetic component will be screwed directly into the anchor (e.g. 4R57=ST). It is somewhat higher proximally so that the thread does not come into contact with the laminate when fully screwed in.

#### Technical data

<b>Article number</b>	4X46=ST
<b>for</b>	4R57=ST/4R57=ST-WR



### 4X69 Release button cover

4X69 release button as a spare part for the 4R57 rotation adapter.

#### Technical data

<b>Article number</b>	<b>Colour</b>
4X69=1	Grey
4X69=7	Black



### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

<b>Article number</b>	<b>Length</b>
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm



## 4R57=WR Rotation adapter

Incorporating the rotation adapter above the knee joint makes it possible to rotate the lower leg relative to the socket with the knee flexed. This considerably enhances safety for the amputee and makes everyday life easier. The adapter's rotating mechanism is activated by pressing the release button and locks automatically.

### Key features

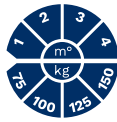
- Waterproof and corrosion-resistant (fresh, salt and chlorinated water) and therefore particularly well suited for combination with the Genium X3, 3R80 and 3WR95
- Enhanced safety: the prosthesis can be swung to the side while driving. This minimises the risk of the prosthetic foot becoming stuck in the area of the pedals. In addition, this function allows the amputee to sit with the leg in a more relaxed position, improving their focus on road traffic.
- The rotation adapter makes everyday activities easier, such as putting on shoes without strain on the back, and allows the user to sit comfortably. The sitting position can be varied up to sitting cross-legged.
- The thread of the 4R57=WR-ST saves space when installing the adapter, since it can for instance be screwed into the 4R111=T lamination anchor.

### Scope of delivery

4R57=WR	Rotation adapter	1	Piece(s)
506G3=M8X12-ZNNI	Set screw	4	Piece(s)

### Information material

647G1303=ALL_INT	Instructions for use (qualified personnel)   4R57=WR, 4R57=WR-ST
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Max. 166 kg

### Technical data

Article image		
<b>Article number</b>	4R57=WR	4R57=WR-ST
<b>Mobility grade</b>	1, 2, 3, 4	1, 2, 3, 4
<b>Material</b>	Steel	Steel
<b>Proximal connection</b>	Pyramid	Thread
<b>Distal connection</b>	Pyramid receiver	Pyramid receiver
<b>System height</b>	25 mm	47 mm
<b>Build height</b>	25 mm	29 mm
<b>Weight</b>	214 g	253 g
<b>Rotation</b>	Max. 360°	Max. 360°
<b>Max. body weight</b>	166 kg	166 kg

- In order to properly screw the 4R57=WR-ST into the lamination anchor, the 4X46=ST lamination dummy must be used for laminating. It must be ordered separately.
- The 4R57=WR cannot be combined with the 2R49, 2R50, 4R69, 4R95 and 4R98 because the connectors have different dimensions.

## Accessories/spare parts



### 4X46 Lamination dummy

The 4X46 lamination dummy should be used for laminating the lamination anchors. The 4X46=ST lamination dummy is used for the 4R57=ST rotation adapter. Use the 4X46 lamination dummy when the lamination anchor is to be used with a screwed insert. Use the 4X46=ST when the next prosthetic component will be screwed directly into the anchor (e.g. 4R57=ST). It is somewhat higher proximally so that the thread does not come into contact with the laminate when fully screwed in.

#### Technical data

<b>Article number</b>	4X46=ST
<b>for</b>	4R57=ST/4R57=ST-WR



### 4Y492 Protective cap

#### Technical data

<b>Article number</b>	4Y492
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### 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

#### Technical data

Article number	Length
506G3=M8X12-ZNNI	12 mm
506G3=M8X16 ZN	16 mm



**Scope of delivery**

4R85	Torsion adapter with tube clamp	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)
501Z2=M4X22-V	Cap screw (Allen screw)	1	Piece(s)

**Information material**

647G23=ALL_INT	Instructions for use (qualified personnel)   2R67, 4R39, 4R40, 4R85, 4R86
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## 4R85 Torsion adapter with tube clamp

The 4R85 torsion adapter minimises shear forces that occur between the residual limb and socket while walking, thereby improving wearing comfort. Individually adjustable torsion of max. 20° in any direction helps reduce compensating movements during tight turns in confined spaces, thereby counteracting the development of secondary damage.



**Technical data**

<b>Article number</b>	4R85
<b>Mobility grade</b>	2, 3, 4
<b>Diameter</b>	30 mm
<b>Material</b>	Steel, nickel-plated Stainless steel
<b>Proximal connection</b>	Pyramid receiver
<b>Distal connection</b>	Tube clamp
<b>System height</b>	68 mm
<b>Build height</b>	84 mm
<b>Weight</b>	350 g
<b>Rotation angle limitation by stops</b>	+/- 20°
<b>Max. body weight</b>	100 kg

When the 4R85 is used with the 3R15 and 3R49 knee joints with friction brake, the longer extension assist pulley included with the torsion adapter must be installed.



**Scope of delivery**

4R86	Torsion adapter with tube clamp	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)
501Z2=M4X22-V	Cap screw (Allen screw)	1	Piece(s)

**Information material**

647G23=ALL_INT	Instructions for use (qualified personnel)   2R67, 4R39, 4R40, 4R85, 4R86
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## 4R86 Torsion adapter with tube clamp

The 4R86 torsion adapter minimises shear forces that occur between the residual limb and socket while walking, thereby improving wearing comfort. Individually adjustable torsion of max. 20° in any direction helps reduce compensating movements during tight turns in confined spaces, thereby counteracting the development of secondary damage.



**Technical data**

<b>Article number</b>	4R86
<b>Mobility grade</b>	2, 3, 4
<b>Diameter</b>	34 mm
<b>Material</b>	Steel, nickel-plated Titanium
<b>Proximal connection</b>	Pyramid receiver
<b>Distal connection</b>	Tube clamp
<b>System height</b>	68 mm
<b>Build height</b>	93 mm
<b>Weight</b>	340 g
<b>Rotation angle limitation by stops</b>	+/- 20°
<b>Max. body weight</b>	110 kg



**Scope of delivery**

4R40	Torsion adapter with four-hole connection	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

**Information material**

647G23=ALL_INT	Instructions for use (qualified personnel)   2R67, 4R39, 4R40, 4R85, 4R86
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## 4R40 Torsion adapter with four-hole connection

The 4R40 torsion adapter minimises shear forces that occur between the residual limb and socket while walking, thereby improving wearing comfort. Individually adjustable torsion of max. 20° in any direction helps reduce compensating movements during tight turns in confined spaces, thereby counteracting the development of secondary damage.



Max. 125 kg

**Technical data**

<b>Article number</b>	4R40
<b>Mobility grade</b>	2, 3, 4
<b>Material</b>	Steel, nickel-plated Steel
<b>Proximal connection</b>	4-hole-connection
<b>Distal connection</b>	Pyramid receiver
<b>System height</b>	58 mm
<b>Build height</b>	40 mm
<b>Weight</b>	340 g
<b>Rotation angle limitation by stops</b>	+/- 20 °
<b>Max. body weight</b>	125 kg

**Scope of delivery**

4R39	Torsion adapter with tube	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

**Information material**

647G23=ALL_INT	Instructions for use (qualified personnel)   2R67, 4R39, 4R40, 4R85, 4R86
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## 4R39 Torsion adapter with tube

The 4R39 torsion adapter minimises shear forces that occur between the residual limb and socket while walking, thereby improving wearing comfort. Individually adjustable torsion of max. 20° in any direction helps reduce compensating movements during tight turns in confined spaces, thereby counteracting the development of secondary damage.



Max. 125 kg

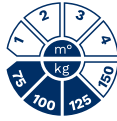
**Technical data**

<b>Article number</b>	4R39
<b>Mobility grade</b>	2, 3, 4
<b>Diameter</b>	30 mm
<b>Material</b>	Steel, nickel-plated Aluminium
<b>Proximal connection</b>	Tube
<b>Distal connection</b>	Pyramid receiver
<b>Min. system height</b>	113 mm
<b>Max. system height</b>	476 mm
<b>Min. build height</b>	62 mm
<b>Overall length</b>	455 mm
<b>Weight</b>	500 g
<b>Rotation angle limitation by stops</b>	+/- 20 °
<b>Max. body weight</b>	125 kg



## 2R67 Torsion adapter with tube

The 2R67 torsion adapter minimises shear forces that occur between the residual limb and socket while walking, thereby improving wearing comfort. It provides individually adjustable torsion of max. 20° in any direction.



Max. 125 kg

### Scope of delivery

2R67	Torsion adapter with tube	1	Piece(s)
506G3=M8X16	Set screw	4	Piece(s)

### Information material

647G23=ALL_INT	Instructions for use (qualified personnel)   2R67, 4R39, 4R40, 4R85, 4R86
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### Technical data

<b>Article number</b>	2R67
<b>Diameter</b>	34 mm
<b>Material</b>	Steel, nickel-plated Titanium Aluminium
<b>Proximal connection</b>	Tube
<b>Distal connection</b>	Pyramid receiver
<b>Min. system height</b>	117 mm
<b>Max. system height</b>	322 mm
<b>Min. build height</b>	66 mm
<b>Overall length</b>	304 mm
<b>Weight</b>	520 g
<b>Rotation angle limitation by stops</b>	+/- 20 °
<b>Max. body weight</b>	125 kg

## Accessories/spare parts for torsion adapters



### Scope of delivery

501Z2=M4X22	Cap Screw	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)

## 4D4 Single component pack

The 4D4 single component pack is a spare parts pack for the tube clamp adapter and torsion adapter with tube clamp, consisting of a cap screw and two cylinder pins.

### Technical data

<b>Article number</b>	<b>Spare part for</b>
4D4	4R103
	4R21
	4R52
	4R56
	4R82
	4R82=P
	4R85
	4R86
	4R88
	4R91
	4R56=1
	4R56=2



## 506G3 Set screw

The 506G3 set screws are intended for adapters with a pyramid receiver. They are available in various lengths. Set screws that are protruding or recessed too much should be replaced with appropriate ones.

### Technical data

<b>Article number</b>	<b>Length</b>
506G3=M8X12-V	12 mm
506G3=M8X14	14 mm
506G3=M8X16	16 mm

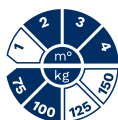


## 4R120/4R121 Adapter

The 4R120/4R121 DeltaTwist is a shock absorber and torsion adapter in one.

### Key features

- Pistoning in the axial direction: up to 8 mm
- Rotation around the longitudinal axis: up to 20° interior and exterior rotation
- Adjustability: both shock absorption and torsion can be adjusted individually and independently by means of various elastomer elements
- For transtibial and transfemoral prostheses



Max. 100 kg



Max. 125 kg

### Scope of delivery

4R120/4R121	Adapter	1	Piece(s)
709H5=1	Elastomer plate, hardness: soft	1	Piece(s)
709H5=2	Elastomer plate, hardness: medium	1	Piece(s)
709H5=3	Elastomer plate, hardness: hard	1	Piece(s)
709H6=1	Elastomer rod, hardness: soft	1	Piece(s)
709H6=2	Elastomer rod, hardness: medium	1	Piece(s)
709H6=3	Elastomer rod, hardness: hard	1	Piece(s)
709H4	Combination wrench	1	Piece(s)
633F30	Special grease	1	Tube

### Information material

647G1601=ALL_INT	Instructions for use   4R120, 4R121
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### Technical data

Article image			
<b>Article number</b>	4R120	4R121=30	4R121=34
<b>Mobility grade</b>	2, 3, 4	2, 3, 4	2, 3, 4
<b>Diameter</b>	30 mm	30 mm	34 mm
<b>Material</b>	Aluminium	Aluminium	Aluminium
<b>Proximal connection</b>	Tube clamp	Tube	Tube
<b>Distal connection</b>	Pyramid receiver	Adjustment screw	Pyramid receiver
<b>System height</b>	117 mm	-	-
<b>Min. system height</b>	-	117 mm	218 mm
<b>Max. system height</b>	-	553 mm	578 mm
<b>Build height</b>	138 mm	-	-
<b>Min. build height</b>	-	130 mm	130 mm
<b>Overall length</b>	-	535 mm	558 mm
<b>Weight</b>	~ 340 g	~ 530* g	~ 585* g
<b>Max. inner torsion</b>	20 °	20 °	20 °
<b>Max. outer torsion</b>	20 °	20 °	20 °
<b>Max. dampening</b>	~ 8 mm	~ 8 mm	~ 8 mm
<b>Max. body weight</b>	100 kg	100 kg	125 kg

- After maximum shortening, the weight of the 4R121=30 is 325 g and the weight of the 4R121=34 is 355 g.
- Elastomer rods and plates in the various degrees of hardness as well as special grease and combination spanners are included in the scope of delivery.

## Accessories/spare parts for 4R120, 4R121



### 709H7 Socket nut, 1/2" hexagon SW11

The socket nut is a single component for socket wrenches.

#### Technical data

Article number
709H7



### 709H8 Socket extension, 1/2"

The socket extension is a single component for socket wrenches.

#### Technical data

Article number	Length
709H8	575 mm



### 709H9 T-handle, 1/2"

The T-handle is a single component for socket wrenches.

#### Technical data

Article number
709H9



### 633F30 Special grease

The special grease is used for lubricating plastic, to reduce friction and protect against wear and tear.

This is a spare part for the 4R220 and 4R220=1 DVS.

#### Technical data

Article number
633F30

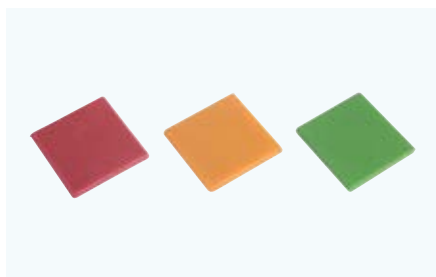


### 709H4 Combination wrench

The combination wrench is used to replace the elastomer plates in the DeltaTwist.

#### Technical data

Article number
709H4



## 709H5 Elastomer plate

The exchangeable elastomer elements (plates and rods of varying degrees of hardness) and the continuously variable pretension enable individual adjustment of the DeltaTwist's spring and damping characteristics.

### Technical data

Article number	Hardness	Colour
709H5=1	soft	Red
709H5=2	medium	Yellow
709H5=3	hard	Green



## 709H5 Rotation lock segment, extra hard

The 709H5=4 rotation lock segment is used to suppress the torsion function. It has to be ordered separately.

### Technical data

Article number	Hardness	Colour
709H5=4	extra hard	Black



## 709H6 Elastomer rod

The exchangeable elastomer elements (plates and rods of varying degrees of hardness) and the continuously variable pretension enable individual adjustment of the DeltaTwist's spring and damping characteristics.

### Technical data

Article number	Hardness	Colour
709H6=1	soft	Red
709H6=2	medium	Yellow
709H6=3	hard	Green



# Knee joints.

	MOBIS				Max. body weight					Joint structure		Stance phase safety through alignment and:				Swing phase control		
	1	2	3	4	≤ 75 kg	≤ 100 kg	≤ 125 kg	≤ 136 kg	≤ 150 kg	monocentric	polycentric	lock	brake	polycentric	characteristics	mechanical	pneumatic	hydraulic
3R31	•						•			•					sitting assist			
3R40						•				•								
3R41						•				•								
3R33/3R17	•								•	•		•					•	
3R62		•					•				•			•	EBS		•	
3R62=1		•									•			•	EBS		•	
3R49/3R15	•	•				•				•			•				•	
3R36/3R20		•				•					•			•			•	
3R93	•	•					•			•		•	•				•	
3R90		•					•			•			•				•	
3R92		•	•				•			•			•					•
3R106		•	•			•					•			•				•
3R106-PRO		•	•				•				•				servopneumatic		•	
TF 3R60		•	•				•				•			•	EBS			•
3R60-PRO		•	•		•						•			•	progressive EBS			•
3R78		•	•			•					•			•			•	
3R80			•	•		•				•		•			rotary hydraulic			rotary hydraulic
3R55			•	•			•				•			•				•
3R85			•	•		•				•		•			rotary hydraulic			rotary hydraulic
3R95			•	•					•	•								•
3C60	•	•							•	•					hydraulic + electronic			electronically controlled
3C98-3		•	•	•				•		•					hydraulic + electronic			electronically controlled
3B1-3		•	•	•					•	•					hydraulic + electronic			electronically controlled
3B5-3			•	•					•	•					hydraulic + electronic			electronically controlled
3B5-4=P		•	•	•					•	•					hydraulic + electronic			electronically controlled



	MOBIS				Max. body weight					Joint structure		Stance phase safety through alignment and:				Swing phase control		
	1	2	3	4	≤ 75 kg	≤ 100 kg	≤ 125 kg	≤ 136 kg	≤ 150 kg	monocentric	polycentric	lock	brake	polycentric	characteristics	mechanical	pneumatic	hydraulic
KD	3R32/3R23						•				•	•						
	3R30/3R21						•				•	•				•		
	3R62=KD		•				•				•				EBS	•		
	3R62=1-KD		•				•				•				EBS	•		
	3R78=KD		•	•			•				•						•	
	3R106=KD		•	•			•				•						•	
	3R106-PRO=KD		•	•			•				•				servopneumatic		•	
	3R60=KD		•	•			•				•				EBS			•
	3R60-PRO=KD		•	•		•					•				progressive EBS			•
	3R46			•	•		•				•							•
	3R80/=ST			•	•		•			•		•			rotary hydraulic			rotary hydraulic
	3R85			•	•		•			•		•			rotary hydraulic			rotary hydraulic
	3C60/=ST*	•	•							•	•				hydraulic + electronic			electronically controlled
	3C98-3/3C88-3		•	•	•				•		•				hydraulic + electronic			electronically controlled
	3B1-3/=ST		•	•	•					•	•				hydraulic + electronic			electronically controlled
	3B5-3/=ST			•	•					•	•				hydraulic + electronic			electronically controlled
3B5-4=P/=ST		•	•	•					•	•				hydraulic + electronic			electronically controlled	
HD	3R36/3R20	•									•					•		
	3R60=HD		•	•						•					EBS			•
	3R60-PRO=HD		•	•		•				•				progressive EBS				•
	3R80			•	•					•		•			rotary hydraulic			rotary hydraulic
	3R85			•	•					•		•			rotary hydraulic			rotary hydraulic
	3C60	•	•							•					hydraulic + electronic			electronically controlled
	3C98-3			•	•					•					hydraulic + electronic			electronically controlled
	3B1-3		•	•	•					•					hydraulic + electronic			electronically controlled
	3B5-3			•	•					•					hydraulic + electronic			electronically controlled
	3B5-4=P		•	•	•					•					hydraulic + electronic			electronically controlled



## 3B5-4 Genium X4

A truly next-gen MPK, Genium X4 is a revolutionary step that unlocks a whole new mobility experience. From its unmatched functionality to its cutting-edge digital ecosystem, Genium X4 is an MPK that redefines what's possible for both unilateral and bilateral amputees.

### Key features

- Optimized slope ascent for more natural walking motion and total confidence on inclines
- Easy first-step initiation enabled by advanced start-to-walk functionality
- Real-time control and support for taking small steps in tight or crowded spaces
- Enhanced stance phase support for level ground walking and slope descent provides maximum control throughout the entire step
- Intuitive cycling mode for seamless transitions from walking to biking and back again
- Enhanced support for dynamic backward movement
- Wide range of optional customizable covers
- Long battery run-time with quick-charge capability
- Five customizable MyModes, which can be fine-tuned in the Cockpit App (Apple and Android)
- Waterproof (IP68) and corrosion-resistant design that enables full functionality in fresh, salt, and chlorinated water
- Advanced connectgo.pro app that supports expert configuration and comprehensive customization
- Recommended knee settings dynamically generated by initial data inputs
- Extensively customizable gait behavior, including a wide range of adaptable motion patterns
- Available demo mode for initial training and assessment
- Full library of online training videos, including tutorials on both unilateral and bilateral fittings



Max. 150 kg

### Scope of delivery

3B5-4=P	Genium X4	Pyramid	1	Piece(s)
3B5-4=ST	Genium X4	Threaded connector (alternative)	1	Piece(s)
2R68=280	AXON tube adapter		1	Piece(s)
2R69=280	AXON tube adapter with torsion unit	alternative (not water and corrosion-resistant)	1	Piece(s)
757L47=1	USB Adapter for charging		1	Piece(s)
757L48=1	Power supply unit		1	Piece(s)
4H110=7.5	Genium X4 flexion stop 7.5°		1	Piece(s)
4H110=15	Genium X4 flexion stop 15°	already assembled when delivered	1	Piece(s)
4H110=22.5	Genium X4 flexion stop 22.5°		1	Piece(s)
646H36=ALL_INT	Prosthesis passport		1	Piece(s)

### Information material

647G1734=ALL_INT	Instruction for use [short] (qualified personnel)   Genium X4 3B5-4=P/3B5-4=ST
647H1703=ALL_INT	Instructions for use (user)   Genium X4 3B5-4=P, 3B5-4=ST

### Technical data

Article image		
<b>Article number</b>	3B5-4=P	3B5-4=ST
<b>Mobility grade</b>	2, 3, 4	2, 3, 4
<b>Proximal connection</b>	Justierkern	Gewindeanschluss
<b>Distal connection</b>	Rohrklemmung	Rohrklemmung
<b>Knee flexion angle</b>	135 °	135 °
<b>Moisture protection</b>	IP 68 (wasserfest und korrosionsbeständig)	IP 68 (wasserfest und korrosionsbeständig)
<b>Weight (without tube adapter)</b>	1600 g	1600 g
<b>Max. body weight</b>	150 kg	150 kg
<b>Proximal system height to alignment reference point</b>	0 mm	18 mm
<b>Proximal build height to alignment reference point</b>	18 mm	18 + 9* mm
<b>Minimum distal system height with 2R68 tube adapter</b>	298 mm	298 mm
<b>Maximum distal system height with 2R68 tube adapter</b>	514 mm	514 mm
<b>Minimum distal build height with 2R68 tube adapter</b>	280 mm	280 mm
<b>Maximum distal build height with 2R68 tube adapter</b>	496 mm	496 mm

- The flexion stop reduces the knee flexion angle by 7.5°, 15° or 22.5° (pre-assembled).
- Certification is required for the Genium X4 knee joint. Please contact your customer service representative or your regional contact person regarding this.

## Accessories/spare parts for 3B5-4



### 2R68 AXON tube adapter

The 2R68 AXON tube adapter is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the adjustment software.

#### Technical data

Reference number	Diameter	Moisture protection	Weight	Max. body weight
2R68	34 mm	IPX 7 (DIN EN 60529)	290 g	150 kg



### 2R69 AXON tube adapter with torsion unit

The 2R69 AXON tube adapter with torsion is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the adjustment software. Max. 125kg.

#### Technical data

Reference number	Diameter	Moisture protection	Weight	Max. body weight
2R69	34 mm	not water or corrosion-resistant	530 g	125 kg



### 4R47 Refit adapter for lamination anchor

The 4R47=5.0 refit adapter for lamination anchors is used to fit the Genium X4 with an existing socket from a Genium or Genium X3 fitting with thread. The thread is angled by 5 degrees and thus ensures a correct alignment with the Genium X4 set to 0 degrees.

The thread can be screwed into any existing lamination anchor. When using this adapter, a knee joint with pyramid must be used.

#### Technical data

Artikelnummer
4R47=5.0

#### Information material

647G1806=ALL_INT	Zusatzdokument   4R47, 4R48
------------------	-----------------------------



### 4R48 Refit socket adapter

The 4R48=5.0 refit socket adapter is used to fit the Genium X4 with an existing socket from a Genium or Genium X3 fitting. Its pyramid receiver is angled by 5 degrees and thus ensures a correct alignment with the Genium X4 set to 0 degrees.

The socket adapter can be used with 4-hole connections.

#### Technical data

Article number
4R48=5.0

#### Information material

647G1806=ALL_INT	Additional documentation   4R47, 4R48
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### 757L48 Power supply unit

For use with the Genium X4 microprocessor knee joint.

#### Technical data

Article number
757L48=1

- Additional adapters can be ordered under the following article numbers
- Great Britain: 757S10=GB
- Australia: 757S10=AU



## 757L47 USB Adapter for charging

For use with the Genium X4 microprocessor knee joint.

### Technical data

Article number
757L47=1



## 4P100=7 Genium X4 Protective cover, short

Genium X4 protective cover short covers the knee joint and protects it against challenges of everyday life. The protective cover is made from a durable TPU material. As a result, the Genium X4 easily stands up to tough conditions. The expressive, sporty look of the protective cover can be personalised with stickers or spraypaint.

### Key features

- Compatible with knee joints: 3B5-4=P, 3B5-4=ST
- Extremely robust
- Expressive, sporty design
- Can be personalised with stickers or spraypaint
- Easily removeable and washable (dishwasher)

### Technical data

Article number	Weight
4P100=1	ca. 250 g
4P100=7	ca. 250 g



## 4P110=7 Genium X4 Protective cover, long

The Genium X4 protective cover long, protects the prosthetic knee joint and the tube adapter against impacts, environmental influences and wear and tear. The textile cover is made from TPU material including a textile with PU application.

The protective cover consists of the textile cover and the tube cover. The tube cover components are the tube sleeve and the tube clamp.

The tube cover can also be single used or combined with the functional knee part 4P112.

The protective cover is easily removeable and washable. It can be personalised with stickers.

### Key features

- Extremely robust
- Can be personalised with stickers
- Easily removeable and washable (textile cover in the washing machine, tube cover in the dishwasher)
- Compatible with knee joints: 3B5-4=P, 3B5-4=ST
- Compatible with prosthetic feet: 1A30, 1B1-2, 1C10, 1C11, 1C30-1, 1C40, 1C50, 1C51, 1C53, 1C56, 1C60, 1C61, 1C63, 1C64, 1C70, 1D10, 1D11, 1D35, 1M10, 1E56, 1E57, F21, F22

### Technical data

Article number	Weight
4P110=7	ca. 550 g



## 4P112=1 Functional knee part

The functional knee part gives the 3B5-4=P Genium X4 and 3B5-4=ST Genium X4 knee joints a more natural appearance. External influences on the knee joint are alleviated as well. It can be combined with the tube cover of the protective cover, long.

### Technical data

Article number
4P112=1



## 3D13 Thigh kit/Magnetic closure

A transitional element (thigh connection) with molding and shaping characteristics can be used as a socket connection to ensure that the knee part is fitted to the transfemoral socket in an optimal manner. A textile finish and a magnetic closure enable the user to remove the connection.

### Key features

- Compatible with knee joints: 3B5-4=P, 3B5-4=ST

### Technical data

Article number	Weight of the textile finish	Weight of the magnetic closure
3D13=1	26 g	28 g

The magnetic closure and the textile finish are not included in the scope of delivery of the functional cosmesis as they are parts of the 3D13=1 thigh kit/magnetic closure.



## 3F2=0 Functional cosmesis Genium X4

The functional cosmesis essentially consists of a functional knee part, an individually mouldable functional shank made of foam and a functional stocking that forms the exterior finish of the functional cosmesis.

### Technical data

Article number	Moisture resistance	Weight with functional stocking	Weight w/o functional stocking
3F2=0	IP67 (weatherproof)	975-1005 g	915 g



## 99B122 Functional Stocking

The easy-care functional stocking forms the exterior finish of the functional cosmesis. It features natural shading and various functional zones. Compatible with 3F2=0.

### Key features

- Compatible with 3F2=0
- Natural shading
- Washable
- Repels dirt and splashed water
- Available in the colours beige (colour no. 4), light brown (colour no. 15) and in the sizes small and large (S, L)

### Technical data

Article number	Size	Colour
99B122=S-4	S	4
99B122=L-4	L	4
99B122=S-15	S	15
99B122=L-15	L	15

### Order example

Article number	=	Size	-	Colour
99B122	=	L	-	4



## 560X29-1 connectgo.pro

The app connectgo.pro for Android and iOS smartphones and tablets makes it quick and easy for O&P professionals to adjust Ottobock microprocessor-controlled knee joints for their users.

### Technical data

Reference number
560X29-1



## 4X441-\* Cockpit app

The Cockpit app allows users to easily adjust various Ottobock electronic prostheses and orthoses to their individual needs. Depending on the component's range of functions one can, for example, select preconfigured MyModes for specific activities, read information such as the battery charge level, turn additional functions on or off and adjust settings. The Cockpit app is available in the App Store for iPhones and the Google Play Store for Android devices.

### Technical data

Article number
4X441-*



### 3B5-3 Genium X3

The technology of the Genium allows intuitive and close to natural movements, even when walking backwards, climbing stairs step-over-step or walking at various speeds. The Genium X3 is robust, waterproof and corrosion-resistant.

#### Key features

- Reliable initiation of the swing phase with adequate ground clearance, even on challenging terrain
- Stumble recovery Plus active at all times
- Energy saving when walking, also on slopes and uneven ground
- Ability to climb stairs step-over-step and cross obstacles
- Ability to vary walking speed up to running pace with the Walk-to-Run function
- Enhanced stability and comfort with intuitive stance
- Robust and durable design
- Waterproof and corrosion-resistant (IP68) design which enables full functionality during activities in fresh, chlorinated and sea water
- Selection of five MyMode Plus including activities with water exposure
- Smart control via the Cockpit app for iPhone and Android devices
- Clear video tutorials and fitting recommendations for bilateral and hip-disarticulation users (X-Soft version 1.8 and up)
- Optimal fitting results thanks to delivery without a factory setting - all user data are input and the adjustment software calculates the optimal parameters
- Access to usage statistics that show progress at each appointment
- The ability to connect to an osseointegrated, percutaneous implant system (the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters must also permit this combination)

#### Scope of delivery

3B5-3	Genium X3	Pyramid	1	Piece(s)
3B5-3=ST	Genium X3	Threaded connector (alternative)	1	Piece(s)
4X900	Genium X3 Protective Cover	already mounted	1	Piece(s)
4X193-1	Genium X3 Protective Cover	already mounted (alternative)	1	Piece(s)
2R19	AXON tube adapter		1	Piece(s)
757L16-4	Power supply unit		1	Piece(s)
4E60	Inductive charger		1	Piece(s)
4H102	Genium X3 flexion stop 15°		1	Piece(s)
4H104	Genium X3 flexion stop 22.5°	already mounted	1	Piece(s)
501S137=M3X5	Counter-sunk head Torx screw	as replacement for the already mounted screws of the flexion stop	2	Piece(s)
646C107=10	Bluetooth PIN card service		1	Piece(s)
646H36=ALL_INT	Prosthesis passport		1	Piece(s)





#### Information material

647G1374=ALL_INT	Instruction for use [short] (qualified personnel)   3B5-3 Genium X3
647H47=ALL_INT	Instructions for use (user)   3B5-3 Genium X3



Max. 150 kg

#### Technical data

		
<b>Article image</b>		
<b>Article number</b>	3B5-3	3B5-3=ST
<b>Mobility grade</b>	3, 4	3, 4
<b>Proximal connection</b>	Pyramid	Threaded connector
<b>Distal connection</b>	Tube clamp	Tube clamp
<b>Knee flexion angle</b>	135 °	135 °
<b>Moisture protection</b>	IP68 (waterproof and corrosion-resistant)	IP68 (waterproof and corrosion-resistant)
<b>Weight (without tube adapter)</b>	1710 g	1710 g
<b>Max. body weight</b>	150 kg	150 kg
<b>Proximal system height to alignment reference point</b>	0 mm	18 mm
<b>Minimum distal system height with AXON 2R19 tube adapter</b>	298 mm	298 mm
<b>Max. distal system height with 2R19 AXON tube adapter</b>	514 mm	514 mm
<b>Min. build height with 2R19 AXON tube adapter</b>	298 mm	298 + 9* mm
<b>Max. build height with 2R19 AXON tube adapter</b>	514 mm	514 + 9* mm
<b>Proximal build height to alignment reference point</b>	18 mm	18 + 9* mm
<b>Min. distal build height with 2R19 AXON tube adapter</b>	280 mm	280 mm
<b>Max. distal build height with 2R19 AXON tube adapter</b>	496 mm	496 mm

\* The thread length is 9 mm.

- The flexion stop reduces the knee flexion angle by 7.5°, 15° or 22.5° (pre-assembled).
- Certification is required for the Genium X3 knee joint. Please contact your customer service representative or your regional contact person regarding this.
- In case of connection to an implant system, verify that the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters also permit this combination.

## Accessories/spare parts for 3B5-3



### 2R19 AXON tube adapter

The corrosion-resistant tube adapter is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the X-Soft adjustment software.



Max. 150 kg

#### Information material

647G1374=ALL_INT	Instruction for use [short] (qualified personnel)   3B5-3 Genium X3
647H47=ALL_INT	Instructions for use (user)   3B5-3 Genium X3

#### Technical data

Article number	Moisture protection	Diameter	Weight	Max. body weight
2R19	IPX7 (DIN EN 60529)	34 mm	290 g	150 kg



### 4X1 X-Soft

Computer-assisted alignment (CAA) allows you to fully utilise the functions of the system in the course of prosthetic alignment. The X-Soft software calculates and visualises the forces acting on the prosthesis, offering individual recommendations for the custom positioning of the prosthetic components. This ensures ultimate individuality.

#### Technical data

Article number
4X1

To the download:



### 60X5 BionicLink PC

The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface (such as the DynamicArm) and a PC with a USB port or USB hub via corresponding Ottobock software products (such as ElbowSoft). The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface and a PC with a USB port or USB hub via corresponding Ottobock software products.

#### Technical data

Article number	for
60X5	Connection to computer (USB Bluetooth adapter)



### 757L16-4 Power supply unit

The power supply for electronic prosthetic components and orthoses from Ottobock. Adapters for the EU and US are included in the scope of delivery. Additional adapters can be ordered under the following article numbers:

- Great Britain: 757S1=GB-4
- Australia: 757S1=AUS-4
- Argentina: 757S1=ARG-4

#### Scope of delivery

757S1	757S1=EU-4	Adapter for FRIWO power supply
757S1	757S1=US-4	Adapter for FRIWO power supply

#### Technical data

Article number
757L16-4

- Adapters for the EU and US are included in the scope of delivery.



### 4E60 Inductive charger

The inductive charger is magnetically attached to the back of the prosthetic knee joint. This technology allows charging through clothing and cosmetic covers.

**Technical data**

<b>Article number</b>
4E60



### 757L43 USB adapter for charging

For use with all Ottobock MPKs (Genium/Genium X3, C-Leg, Kenevo), C-Brace, Meridium and the MyoBock prosthesis solution including the bebionic prosthetic hand.

**Technical data**

<b>Article number</b>
757L43



### 4H101 Genium X3 flexion stop 7.5°

The Genium X3 7.5° flexion stop reduces the knee flexion angle to 127.5°. It is used to prevent collisions between the socket and hydraulics or frame of the Genium X3.

**Technical data**

<b>Article number</b>
4H101



### 4H102 Genium X3 flexion stop 15°

The Genium X3 15° flexion stop reduces the knee flexion angle to 120°. It is used to prevent collisions between the socket and hydraulics or frame of the Genium X3.

**Technical data**

<b>Article number</b>
4H102



### 4H104 Genium X3 flexion stop 22.5°

The Genium X3 22.5° flexion stop reduces the knee flexion angle to 112.5°. It is used to prevent collisions between the socket and hydraulics or frame of the Genium X3.

**Technical data**

<b>Article number</b>
4H104





## 4X193-1 Genium X3 Protective Cover

To protect against the many stresses of everyday life, the Protective cover made from a durable PU material covers the knee joint. As a result, the Genium X3 easily stands up to even tough conditions. The Protective cover also features an expressive, sporty design. Alternatively, the 4X900 Protective cover can be chosen.

### Key features

- Compatible with knee joints: 3B5-2, 3B5-2=ST, 3B5-3 and 3B5=3-ST
- Extremely robust
- Expressive, sporty design
- Colour: Graphite Black (dark anthracite, black)

### Technical data

Article number	Weight
4X193-1	300 g

· The 3B5\* Genium X3 may not be used without the Protective cover.



## 4X900 Genium X3 Protective Cover

To protect against the many stresses of everyday life, the Protective cover made from a durable PU material covers the knee joint. As a result, the Genium X3 easily stands up to even tough conditions. The Protective cover also features a discreet, elegant design. Alternatively, the 4X193-1 Protective cover can be chosen.

### Key features

- Compatible with knee joints: 3B5-2, 3B5-2=ST, 3B5-3, 3B5=3-ST
- Extremely robust
- Discreet, elegant design
- Colour: Umbra Grey (warm shade of grey)

### Scope of delivery

4X900	Genium X3 Protective Cover
-------	----------------------------

### Technical data

Article number	Weight
4X900	315 g

· The 3B5\* Genium X3 may not be used without the Protective cover.



## 4X441-\* Cockpit app

The Cockpit app allows users to easily adjust various Ottobock electronic prostheses and orthoses to their individual needs. Depending on the component's range of functions one can, for example, select preconfigured MyModes for specific activities, read information such as the battery charge level, turn additional functions on or off and adjust settings. The Cockpit app is available in the App Store for iPhones and the Google Play Store for Android devices.

### Technical data

Article number
4X441-*



## 3B1-3 Genium

The Genium microprocessor knee empowers users all over the world to go with the flow. Using the unique OPG technology, it delivers an exceptionally smooth, close-to natural gait pattern and enables climbing stairs step-over-step, standing on slopes, walking backwards and negotiating obstacles with ease.

### Key features

- Reliable initiation of the swing phase with adequate ground clearance, even on challenging terrain
- Stumble recovery Plus active at all times
- Energy saving when walking, also on slopes and uneven ground
- Ability to climb stairs step-over-step and cross obstacles
- Ability to vary walking speed up to running pace with the Walk-to-Run function
- Enhanced stability and comfort with intuitive stance
- Weatherproof design (IP67)
- Five MyMode Plus can be selected from millions of adjustment possibilities
- Smart control via the Cockpit app for iPhone and Android devices
- Clear video tutorials and fitting recommendations for bilateral and hip-disarticulation users
- Optimal fitting results thanks to delivery without a factory setting - all user data are input and the adjustment software calculates the optimal parameters
- Access to usage statistics that show progress at each appointment
- The ability to connect to an osseointegrated, percutaneous implant system (the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters must also permit this combination)

### Scope of delivery

3B1-3	Genium	Pyramid	1	Piece(s)
3B1-3=ST	Genium	Threaded connector (alternative)	1	Piece(s)
2R20	AXON tube adapter		1	Piece(s)
2R21	AXON tube adapter with torsion unit	alternative	1	Piece(s)
757L16-4	Power supply unit		1	Piece(s)
4E60	Inductive charger		1	Piece(s)
4X259	Installation ring for inductive charger		1	Piece(s)
4H100	Genium flexion stop 15°		1	Piece(s)
4H103	Genium 22.5° flexion stop	already mounted	1	Piece(s)
501S137=M3X5	Counter-sunk head Torx screw	as replacement for the already mounted screws of the flexion stop	2	Piece(s)
646C107=10	Bluetooth PIN card service		1	Piece(s)
646H36=ALL_INT	Prosthesis passport		1	Piece(s)

### Information material

647G1380=ALL_INT	Instruction for use [short] (qualified personnel)   3B1-3 Genium
647H45=ALL_INT	Instructions for use (user)   3B1-3 Genium



### Technical data

		
<b>Article image</b>		
<b>Article number</b>	3B1-3	3B1-3=ST
<b>Mobility grade</b>	2, 3, 4	2, 3, 4
<b>Proximal connection</b>	Pyramid	Threaded connector
<b>Distal connection</b>	Tube clamp	Tube clamp
<b>Knee flexion angle</b>	135 °	135 °
<b>Moisture protection</b>	IP67 (weatherproof)	IP67 (weatherproof)
<b>Weight (without tube adapter)</b>	1395 g	1400 g
<b>Max. body weight</b>	150 kg	150 kg
<b>Proximal system height to alignment reference point</b>	0 mm	18 mm
<b>Min. distal system height with 2R20/2R21 AXON tube adapter</b>	298 / 330 mm	298 / 330 mm
<b>Max. distal system height with 2R20/2R21 AXON tube adapter</b>	514 / 546 mm	514 / 546 mm
<b>Min. build height with 2R20/2R21 AXON tube adapter</b>	298 / 330 mm	298 + 9* / 330 + 9* mm
<b>Max. build height with 2R20/2R21 AXON tube adapter</b>	514 / 546 mm	514 + 9* / 546 + 9* mm
<b>Proximal build height to alignment reference point</b>	18 mm	18 + 9* mm
<b>Min. distal build height with 2R20/2R21 AXON tube adapter</b>	280 / 312 mm	280 / 312 mm
<b>Max. distal build height with 2R20/2R21 AXON tube adapter</b>	496 / 528 mm	496 / 528 mm

\* The thread length is 9 mm.

- The flexion stop reduces the knee flexion angle by 7.5°, 15° or 22.5° (pre-assembled).
- Certification is required for the Genium knee joint. Please contact your customer service representative or your regional contact person regarding this.
- In case of connection to an implant system, verify that the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters also permit this combination.

## Accessories/spare parts for 3B1-3



### Information material

647G1380=ALL_INT	Instruction for use [short] (qualified personnel)   3B1-3 Genium
647H45=ALL_INT	Instructions for use (user)   3B1-3 Genium

### 2R20 AXON tube adapter

The tube adapter is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the adjustment software.



Max. 150 kg

### Technical data

Article number	Diameter	Material	Weight	Max. body weight
2R20	34 mm	Aluminium	290 g	150 kg



### Information material

647G1380=ALL_INT	Instruction for use [short] (qualified personnel)   3B1-3 Genium
647H45=ALL_INT	Instructions for use (user)   3B1-3 Genium

### 2R21 AXON tube adapter with torsion unit

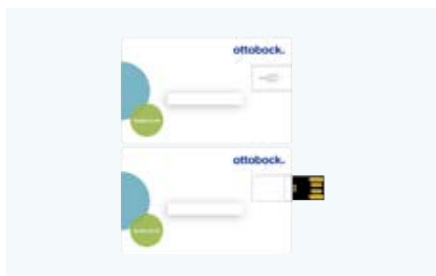
The tube adapter is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the adjustment software.



Max. 125 kg

### Technical data

Article number	Diameter	Material	Weight	Max. body weight
2R21	34 mm	Aluminium	530 g	125 kg



### 4X1 X-Soft

Computer-assisted alignment (CAA) allows you to fully utilise the functions of the system in the course of prosthetic alignment. The X-Soft software calculates and visualises the forces acting on the prosthesis, offering individual recommendations for the custom positioning of the prosthetic components. This ensures ultimate individuality.

### Technical data

Article number
4X1

To the download:



### 60X5 BionicLink PC

The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface (such as the DynamicArm) and a PC with a USB port or USB hub via corresponding Ottobock software products (such as ElbowSoft). The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface and a PC with a USB port or USB hub via corresponding Ottobock software products.

### Technical data

Article number	for
60X5	Connection to computer (USB Bluetooth adapter)



## 757L16-4 Power supply unit

The power supply for electronic prosthetic components and orthoses from Ottobock. Adapters for the EU and US are included in the scope of delivery. Additional adapters can be ordered under the following article numbers:

- Great Britain: 757S1=GB-4
- Australia: 757S1=AUS-4
- Argentina: 757S1=ARG-4

### Scope of delivery

757S1	757S1=EU-4	Adapter for FRIWO power supply
757S1	757S1=US-4	Adapter for FRIWO power supply

### Technical data

<b>Article number</b>
757L16-4

- Adapters for the EU and US are included in the scope of delivery.



## 4E60 Inductive charger

The inductive charger is magnetically attached to the back of the prosthetic knee joint. This technology allows charging through clothing and cosmetic covers.

### Technical data

<b>Article number</b>
4E60



## 757L43 USB adapter for charging

For use with all Ottobock MPKs (Genium/Genium X3, C-Leg, Kenevo), C-Brace, Meridium and the MyoBock prosthesis solution including the bebionic prosthetic hand.

### Technical data

<b>Article number</b>
757L43



## 4X258 Installation tool for inductive charger

The tool is used to install the inductive charger on the Genium/Genium X3 when the charging surface is repositioned (for example when using a foam cover).

### Technical data

<b>Article number</b>
4X258



## 4X259 Installation ring for inductive charger

The installation ring is used for shifting the inductive charging surface of the Genium/Genium X3 (for example when using a foam cover).

### Technical data

<b>Article number</b>
4X259



## 4H99 Genium flexion stop 7,5°

The Genium 7.5° flexion stop reduces the knee flexion angle to 127.5°. It is used to prevent collisions between the socket and hydraulics or frame of the Genium.

### Technical data

<b>Article number</b>
4H99



## 4H100 Genium flexion stop 15°

The Genium 15° flexion stop reduces the knee flexion angle to 120°. It is used to prevent collisions between the socket and hydraulics or frame of the Genium.

### Technical data

<b>Article number</b>
4H100



## 4H103 Genium flexion stop 22.5°

The Genium 22.5° flexion stop reduces the knee flexion angle to 112.5°. It is used to prevent collisions between the socket and hydraulics or frame of the Genium.

### Technical data

<b>Article number</b>
4H103



## 4X880 Genium Protective Cover

The Genium Protective Cover shields the prosthetic knee joint with tube adapter against impacts, environmental influences and wear and tear. The product 4X880 includes the main Protective Cover component and the Protector foot cuff. The main component can be shortened and adapted to the prosthesis.

### Key features

- Compatible with knee joints: 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- Compatible with prosthetic feet: 1B1, 1C30, 1C40, 1C50, 1C56, 1C60, 1C61, 1C63, 1C64, 1C70, 1D35, 1E56, 1E57, 1M10
- Includes a Protector foot cuff in size S, M or L
- The Protector foot cuff is not compatible with slim footshells
- Can be used for a knee axis–floor measurement from 430 mm (with use of the 1C61 Triton Vertical Shock from 470 mm) to 560 mm
- A charging opening permits inductive charging of the Genium, even through clothing

### Technical data

Article number	Weight (Protective cover including closures)	Weight (cuff)	Size (including cuff)
4X880=S	450 g	60 g	S
4X880=M	450 g	60 g	M
4X880=L	450 g	60 g	L

• Important for your order:

- The stated size S, M or L refers to the size of the included Protector foot cuff. It is chosen depending on the foot size of the prosthetic foot (see selection table).
- For combination with the 1B1=\*/1B1-2=\* Meridium prosthetic foot: The foot includes a connection plate that must be used for the combination with the Protective Cover. The connection plate is compatible with cuff sizes S and M. Cuff size M is equivalent to foot size 29.

### Scope of delivery

4X880	Genium Protective Cover
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### Information material

647G942=ALL_INT	Instructions for use (qualified personnel)   4X880 Genium Protector
647H899=ALL_INT	Instructions for use (user)   4X880=* Genium Protector



reddot award 2015  
winner



DESIGN  
AWARD  
2015



### 3S26 Foam cover

The 3S26 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

**Key features**

- Material: PUR foam
- Compatible with knee joints: 3C60, 3C88-3, 3C98-3, 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

**Scope of delivery**

3S26	Foam cover
------	------------

**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
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**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S26=L44	PUR	44 cm	20 °	left	Approx. 95 cm
3S26=R44	PUR	44 cm	20 °	right	Approx. 95 cm

- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



### 3F1=2 Functional cosmesis Genium

The functional cosmesis essentially consists of a functional knee part, an individually mouldable functional shank made of foam and a functional stocking that forms the exterior finish of the functional cosmesis. The illustration shows the complete solution. The functional stocking has to be ordered separately (see reference number 99B120).

**Key features**

- Functional solution to restore the individual leg volume and a natural look
- Functionally harmonised with other prosthesis functions (such as using the rotation adapter)
- Multi-part product: functional knee part with functional shank (3F1=2) and functional stocking (99B120)
- High degree of prefabrication
- Can be used up to a knee axis–floor measurement of 560 mm
- Also suitable for longer sockets. In case of a collision between the functional knee part and the socket, the upper area of the functional knee part can be sanded. If the collision cannot be eliminated by sanding, the upper knee part has to be removed entirely
- Compatible with knee joints: 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- Compatible with prosthetic feet: 1A30, 1B1, 1C10, 1C11, 1C30, 1C40, 1C50, 1C56, 1C60, 1C61, 1C63, 1C64, 1C66, 1C70, 1D10, 1D11, 1D35, 1M10, 1E56, 1E57
- Compatible with rotation adapters: 4R57, 4R57=ST (the medial angle adjustment in the direction of the rotation adapter's release button is limited to max. 3.2°. Otherwise, the rotation adapter and functional knee part come into contact with each other)

**Scope of delivery**

3F1=2	Functional cosmesis Genium
3P101=2	Functional shank Genium
3P102	Nylon stocking
4X259	Installation ring for inductive charger

**Information material**

647G1289=ALL_INT	Instructions for use (qualified personnel)   3F1=1, 3F1=2
647H914=ALL_INT	Instructions for use (user)   3F1=1, 3F1=2

**Technical data**

Article number	Weight
3F1=2	910 g

- Important for your order:
- The 99B120 Functional stocking for the functional cosmesis must be ordered separately.
- 3F1=2 scope of delivery: functional knee part, functional shank, nylon stocking, 4X259 Installation ring for inductive charger, screwdriver with flag handle, four cable ties, four dummy plugs (plastic set screws), instructions for use (qualified personnel), instructions for use (user), additional documentation with tips for designing the thigh area



## 99B120 Functional stocking for functional cosmesis

The easy-care functional stocking forms the exterior finish of the functional cosmesis. It features natural shading and various functional zones. Compatible with 3F1=1 and 3F1=2. Available in the colours beige (colour no. 4), light brown (colour no. 15) and black (colour no. 7) and in two sizes (S, L).

### Key features

- Compatible with 3F1=1 and 3F1=2
- Equipped with functional zones (elastic knee part, area for inductive charging in the calf (Genium), concealing fleece yarn zones)
- Natural shading
- Washable
- Repels dirt and splashed water
- Available in the colours beige (colour no. 4), light brown (colour no. 15) and black (colour no. 7) and in two sizes

### Scope of delivery

99B120	Functional stocking for functional cosmesis
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### Information material

647G1289=ALL_INT	Instructions for use (qualified personnel)   3F1=1, 3F1=2
647H914=ALL_INT	Instructions for use (user)   3F1=1, 3F1=2

### Technical data

Article number	Size	Colour code
99B120=S-4	S	4
99B120=L-4	L	4
99B120=S-7	S	7
99B120=L-7	L	7
99B120=S-15	S	15
99B120=L-15	L	15

### Order example

Kennzeichen	=	Größe	Farbe
99B120	=	L	4



## 4X441-\* Cockpit app

The Cockpit app allows users to easily adjust various Ottobock electronic prostheses and orthoses to their individual needs. Depending on the component's range of functions one can, for example, select preconfigured MyModes for specific activities, read information such as the battery charge level, turn additional functions on or off and adjust settings. The Cockpit app is available in the App Store for iPhones and the Google Play Store for Android devices.

### Technical data

Article number
4X441-*



## 3C88-3/3C98-3 C-Leg 4

With over 100,000 fittings worldwide, the C-Leg 4 is trusted by more users than any other microprocessor knee in the world. Controlled by sensors, it adapts to the individual gait pattern in real time, whether on stairs, slopes or even on challenging surfaces.

### Key features

- Reliable swing and stance phase control
- Assisted descent on ramps and stairs
- Stumble recovery Plus active at all times
- Support while sitting down
- Choice between intuitive and deliberate stance
- Deep sleep mode saves battery
- New battery charger allows for single-hand use
- Training feature helps users get used to prosthesis
- MyMode Plus – more options for special activities
- New customisable shield insert
- Weatherproof (IP67)
- C-Soft Plus with new video tutorials and presets to support the fitting process
- Delivered without factory settings for optimal treatment results – all user data are entered and the adjustment software proposes the optimal parameters
- Easy to shorten standard tube adapters
- Access to usage statistics shows progress at each appointment
- Can be connected to an osseointegrated, percutaneous implant system (the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters must also permit this combination)

### Scope of delivery

2R57/2R58	Tube adapters		1	Piece(s)
2R67	Torsion adapter with tube	alternative	1	Piece(s)
757L16-4	Power supply unit		1	Piece(s)
4E50-2	Battery Charger for C-Leg		1	Piece(s)
4H95	C-Leg 8° flexion stop		1	Piece(s)
646C107	Bluetooth PIN card service		1	Piece(s)
646H36=ALL_INT	Prosthesis passport		1	Piece(s)

### Information material

647H1662=ALL_INT	Instructions for use (user)   3C98-3, 3C88-3 C-Leg
647G1768=ALL_INT	Instructions for use [short] (qualified personnel)   C-Leg 3C98-3, 3C88-3



### Technical data

<b>Article image</b>				
<b>Article number</b>	3C88-3=8.5-4	3C98-3=9.2-4	3C88-3=9.2-4	3C98-3=8.5-4
<b>Mobility grade</b>	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4
<b>Distal connection</b>	Tube clamp	Tube clamp	Tube clamp	Tube clamp
<b>Proximal connection</b>	Threaded connector	Pyramid	Threaded connector	Pyramid
<b>Knee flexion angle</b>	130 °	130 °	130 °	130 °
<b>Moisture protection</b>	IP68 (Water-resistant)	IP68 (Water-resistant)	IP68 (Water-resistant)	IP68 (Water-resistant)
<b>Weight (without tube adapter)</b>	1255 g	1250 g	1255 g	1250 g
<b>Max. body weight</b>	136 kg	136 kg	136 kg	136 kg
<b>Colour</b>	Desert pearl, Midnight Shadow	Desert pearl, Midnight Shadow	Desert pearl, Midnight Shadow	Desert pearl, Midnight Shadow
<b>Minimum distal system height with 257/2R67 tube adapter</b>	289 / 329 mm	289 / 329 mm	289 / 329 mm	289 / 329 mm
<b>Max. distal system height with 257/2R67 tube adapter</b>	494 / 534 mm	494 / 534 mm	494 / 534 mm	494 / 534 mm
<b>Min. build height with 2R57/2R67 tube adapter</b>	294 / 334 mm	294 / 334 mm	294 / 334 mm	294 / 334 mm
<b>Max. build height with 2R57/2R67 tube adapter</b>	499 / 539 mm	499 / 539 mm	499 / 539 mm	499 / 539 mm
<b>Proximal build height to alignment reference point</b>	23 mm	23 mm	23 mm	23 mm
<b>Min. distal build height with 2R57/2R67 tube adapter</b>	271 / 311 mm	271 / 311 mm	271 / 311 mm	271 / 311 mm
<b>Max. distal build height with 2R57/2R67 tube adapter</b>	476 / 516 mm	476 / 516 mm	476 / 516 mm	476 / 516 mm

\* The thread length is 9 mm.

- The flexion stop reduces the knee flexion angle by 8° (pre-assembled) or 16°.
- Certification is required for the C-Leg knee joint. Please contact your customer service representative or your regional contact person regarding this.
- In case of connection to an implant system, verify that the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters also permit this combination.



## Accessories/spare parts for 3C88-3/3C98-3



### Scope of delivery

2R57/2R58	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### 2R57/2R58 Tube adapters

The 2R57 and 2R58 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. The 2R57 and 2R58 are resistant to fresh, salt and chlorinated water.



Max. 150 kg

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R57	34 mm	Titanium	77 mm	282 mm	27 mm	264 mm	220 g	150 kg
2R58	34 mm	Titanium	77 mm	472 mm	27 mm	454 mm	330 g	150 kg

- In combination with the C-Leg knee joint, the maximum allowable body weight for this tube adapter is 136 kg.
- The 2R57 and 2R58 are suitable for use in water and damp conditions.



### Scope of delivery

2R67	Torsion adapter with tube	1	Piece(s)
506G3=M8X16	Set screw	4	Piece(s)

### Information material

647G23=ALL_INT	Instructions for use (qualified personnel)   2R67, 4R39, 4R40, 4R85, 4R86
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### 2R67 Torsion adapter with tube

The 2R67 torsion adapter minimises shear forces that occur between the residual limb and socket while walking, thereby improving wearing comfort. It provides individually adjustable torsion of max. 20° in any direction.



Max. 125 kg

### Technical data

<b>Article number</b>	2R67
<b>Diameter</b>	34 mm
<b>Material</b>	Steel, nickel-plated Titanium Aluminium
<b>Proximal connection</b>	Tube
<b>Distal connection</b>	Pyramid receiver
<b>Min. system height</b>	117 mm
<b>Max. system height</b>	322 mm
<b>Min. build height</b>	66 mm
<b>Overall length</b>	304 mm
<b>Weight</b>	520 g
<b>Rotation angle limitation by stops</b>	+/- 20 °
<b>Max. body weight</b>	125 kg

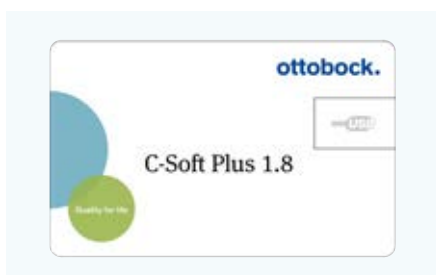
### 4X440 C-Soft Plus

The adjustment software is used for the 3C98-3/3C88-3 C-Leg.

### Technical data

<b>Article number</b>	4X440
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To the download:





## 560X29-1 connectgo.pro

The app connectgo.pro for Android and iOS smartphones and tablets makes it quick and easy for O&P professionals to adjust Ottobock microprocessor-controlled knee joints for their users.

### Technical data

<b>Reference number</b>
560X29-1



## 4X441-\* Cockpit app

The Cockpit app allows users to easily adjust various Ottobock electronic prostheses and orthoses to their individual needs. Depending on the component's range of functions one can, for example, select preconfigured MyModes for specific activities, read information such as the battery charge level, turn additional functions on or off and adjust settings. The Cockpit app is available in the App Store for iPhones and the Google Play Store for Android devices.

### Technical data

<b>Article number</b>
4X441-*



## 60X5 BionicLink PC

The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface (such as the DynamicArm) and a PC with a USB port or USB hub via corresponding Ottobock software products (such as ElbowSoft). The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface and a PC with a USB port or USB hub via corresponding Ottobock software products.

### Technical data

<b>Article number</b>	<b>for</b>
60X5	Connection to computer (USB Bluetooth adapter)



## 757L16-4 Power supply unit

The power supply for electronic prosthetic components and orthoses from Ottobock. Adapters for the EU and US are included in the scope of delivery. Additional adapters can be ordered under the following article numbers:

- Great Britain: 757S1=GB-4
- Australia: 757S1=AUS-4
- Argentina: 757S1=ARG-4

### Technical data

<b>Article number</b>
757L16-4

· Adapters for the EU and US are included in the scope of delivery.

### Scope of delivery

757S1=EU-4	Adapter for FRIWO power supply
757S1=US-4	Adapter for FRIWO power supply



## 4E50-3 Battery charger for C-Leg

### Technical data

<b>Article number</b>
4E50-3



## 757L43 USB adapter for charging

For use with all Ottobock MPKs (Genium/Genium X3, C-Leg, Kenevo), C-Brace, Meridium and the MyoBock prosthesis solution including the bebionic prosthetic hand.

### Technical data

Article number
757L43



## 4H105 Knee extender

The knee extender is mandatory for bench alignment of the prosthesis. It ensures the recommended sagittal positioning of the prosthetic components – the foot, socket and knee joint – relative to each other and thereby guarantees the full functionality of the C-Leg.

### Technical data

Article number
4H105

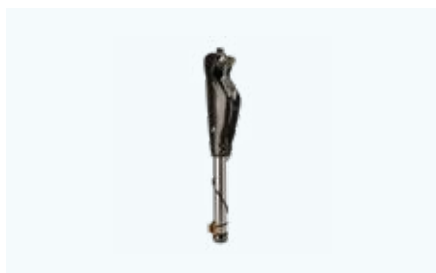


## 4H106 C-Leg 16° flexion stop

The C-Leg 16° flexion stop reduces the knee flexion angle to 114°. It serves to prevent collisions between the socket and hydraulics or frame of the C-Leg.

### Technical data

Article number
4H106



## 4X156 Charger extension cable, ankle

Charger extension cable for relocating the charging receptacle to the ankle, cable length is 30 cm.

### Technical data

Article number
4X156-1

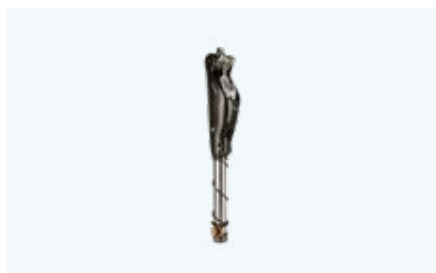


## 4X157 Charger extension cable, knee

Charger extension cable for relocating the charging receptacle to the knee area. Especially well suited when using the functional cosmesis for the C-Leg.

### Technical data

Article number
4X157-1



## 4X158 Charger extension cable, ankle, long

Charger extension cable for relocating the charging receptacle to the ankle, cable length is 80 cm.

### Technical data

Article number
4X158-1

• The charging cable extensions cannot be used in combination with the C-Leg Protective Cover.



## 757P48 Y adapter cable

Y-adapter cable for connecting two components (e.g. for C-Leg and Meridium) to a joint power supply. Two Genium or Genium X3 prosthetic joints cannot be charged simultaneously due to the increased power consumption.

### Technical data

<b>Article number</b>	
	757P48



## 4X860 C-Leg Protective Cover (without shield insert)

The C-Leg Protective cover shields the prosthetic knee joint including tube adapter against impacts, environmental influences and wear and tear. The product 4X860 includes the main Protective cover component and Protector foot cuff. The main component can be shortened. The 4P863 Shield insert shown in the illustration has to be ordered separately. It is available in three different designs.

### Key features

- Compatible with knee joints: 3C98-3, 3C88-3
- Compatible with prosthetic feet: 1B1, 1C30, 1C40, 1C50, 1C60, 1C61, 1C63, 1C64, 1C70, 1D35, 1E56, 1E57, 1M10
- Includes a Protector foot cuff in size S, M or L
- The Protector foot cuff is not compatible with slim footshells
- Can be used for a knee axis–floor measurement from 430 mm (with use of the 1C61 Triton Vertical Shock from 470 mm) to 560 mm
- Available in the colour variants champagne (illustration on the right) and dark volcano (illustration on the left, add -8.4 to the article number for the colour dark volcano)

### Scope of delivery

4X860	C-Leg Protective Cover (without shield insert)
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### Information material

647G1113=ALL_INT	Instructions for use (qualified personnel)   4X860=* C-Leg Protector
647H908=ALL_INT	Instructions for use (user)   4X860=* C-Leg Protector

### Technical data

Article number	Size (including cuff)	Weight (Protective cover including closures)	Weight (cuff)	Colour	Version
4X860=S	S	450 g	60 g	Champagne	ohne Schutzblende
4X860=S-8.4	S	450 g	60 g	dark volcano	ohne Schutzblende
4X860=M	M	450 g	60 g	Champagne	ohne Schutzblende
4X860=M-8.4	M	450 g	60 g	dark volcano	ohne Schutzblende
4X860=L	L	450 g	60 g	Champagne	ohne Schutzblende
4X860=L-8.4	L	450 g	60 g	dark volcano	ohne Schutzblende

• Important for your order:

• The stated size S, M or L refers to the size of the included Protector foot cuff. It is chosen depending on the foot size of the prosthetic foot (see selection table).

• The Protective cover has to be combined with the 4P863 shield insert. The shield insert has to be ordered separately.

• For combination with the 1B1=\*/1B1-2=\* Meridium prosthetic foot: The foot includes a connection plate that must be used for the combination with the Protective Cover. The connection plate is compatible with cuff sizes S and M. Cuff size M is equivalent to foot size 29.



## 4P862 Guard for C-Leg

The guard functionally and visually sheaths the C-Leg 4. In the covered area, the guard protects the knee joint, for example against scratching. The guard can be combined with the 4P863 Shield insert.

### Key features

- Compatible with knee joints: 3C98-3 and 3C88-3

### Technical data

<b>Article number</b>	4P862
<b>Weight</b>	225 g

### Information material

647G1214=ALL_INT	Instructions for use (qualified personnel)   4P862
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### 4P863 Shield insert

The shield insert is a required accessory for the 4X860 C-Leg Protective Cover. It is inserted into the main part of the Protective Cover from the front. It can also be used with the 4P862 C-Leg Guard as an option. Available in three designs and in a neutral version as the 4P863=4 customisable variant, which can be designed with non-magnetisable lacquers.

**Key features**

- Available in three designs and a customizable version

**Information material**

647G1113=ALL_INT	Instructions for use (qualified personnel)   4X860=* C-Leg Protector
647H908=ALL_INT	Instructions for use (user)   4X860=* C-Leg Protector
647G1214=ALL_INT	Instructions for use (qualified personnel)   4P862

**Technical data**

Article image				
<b>Article number</b>	4P863=1	4P863=2	4P863=3	4P863=4
<b>Weight</b>	63 g	63 g	63 g	63 g



### 3F1=1 Functional cosmesis C-Leg

The functional cosmesis essentially consists of a functional knee part, an individually mouldable functional shank made of foam and a functional stocking that forms the exterior finish of the functional cosmesis. The illustration shows the complete solution. The functional stocking has to be ordered separately (see reference number 99B120).

**Key features**

- Functional solution to restore the individual leg volume and a natural look
- Functionally harmonised with other prosthesis functions (such as using the rotation adapter)
- Multi-part product: functional knee part with functional shank (3F1=1) and functional stocking (99B120)
- High degree of prefabrication
- Can be used up to a knee axis–floor measurement of 560 mm
- Also suitable for longer sockets. In case of a collision between the functional knee part and the socket, the upper area of the functional knee part can be sanded. If the collision cannot be eliminated by sanding, the upper knee part has to be removed entirely
- Compatible with knee joints: 3C98-3 and 3C88-3
- Compatible with prosthetic feet: 1A30, 1B1, 1C10, 1C11, 1C30, 1C40, 1C50, 1C56, 1C60, 1C61, 1C63, 1C64, 1C66, 1C70, 1D10, 1D11, 1D35, 1M10, 1E56, 1E57
- Compatible with rotation adapters: 4R57, 4R57=ST (the medial angle adjustment in the direction of the rotation adapter’s release button is limited to max. 4.3°. Otherwise, the rotation adapter and functional knee part come into contact with each other)

**Scope of delivery**

3F1=1	Functional cosmesis C-Leg 4
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**Information material**

647G1289=ALL_INT	Instructions for use (qualified personnel)   3F1=1, 3F1=2
647H914=ALL_INT	Instructions for use (user)   3F1=1, 3F1=2

**Technical data**

Article number	Weight
3F1=1	910 g

- Important for your order:
- The 99B120 Functional stocking for the functional cosmesis must be ordered separately.
- The functional cosmesis C-Leg is designed for use with the 4X157 Charger extension cable for the knee. The cable must be ordered separately if required.
- A potential collision between the functional knee part and socket must be checked using the 4H105 C-Leg knee extender. The extender must be ordered separately if required.
- 3F1=1 scope of delivery: functional knee part, functional shank, nylon stocking, screwdriver with flag handle, four cable ties, four dummy plugs (plastic set screws), instructions for use (qualified personnel), instructions for use (user), additional documentation with tips for designing the thigh area



## 99B120 Functional stocking for functional cosmesis

The easy-care functional stocking forms the exterior finish of the functional cosmesis. It features natural shading and various functional zones. Compatible with 3F1=1 and 3F1=2. Available in the colours beige (colour no. 4), light brown (colour no. 15) and black (colour no. 7) and in two sizes (S, L).

### Key features

- Compatible with 3F1=1 and 3F1=2
- Equipped with functional zones (elastic knee part, area for inductive charging in the calf (Genium), concealing fleece yarn zones)
- Natural shading
- Washable
- Repels dirt and splashed water
- Available in the colours beige (colour no. 4), light brown (colour no. 15) and black (colour no. 7) and in two sizes

### Scope of delivery

99B120	Functional stocking for functional cosmesis
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### Information material

647G1289=ALL_INT	Instructions for use (qualified personnel)   3F1=1, 3F1=2
647H914=ALL_INT	Instructions for use (user)   3F1=1, 3F1=2

### Technical data

Article number	Size	Colour code
99B120=S-4	S	4
99B120=L-4	L	4
99B120=S-7	S	7
99B120=L-7	L	7
99B120=S-15	S	15
99B120=L-15	L	15

### Order example

Kennzeichen	=	Größe	Farbe
99B120	=	L	4



## 3S26 Foam cover

The 3S26 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

### Key features

- Material: PUR foam
- Compatible with knee joints: 3C60, 3C88-3, 3C98-3, 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

### Scope of delivery

3S26	Foam cover
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### Information material

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
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### Technical data

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S26=L44	PUR	44 cm	20 °	left	Approx. 95 cm
3S26=R44	PUR	44 cm	20 °	right	Approx. 95 cm

- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



## 3C60 Kenevo

The Ottobock Kenevo is a microprocessor knee that meets the needs of moderately active users. In addition, it is also suitable as a knee joint for rehabilitation after an amputation. It features various basic functions that provide support in typical everyday situations. Moreover, activity modes A, B, B+ and C provide high adaptability to changing mobility.

### Key features

- Users report improvement in subjective ground clearance (distance from toe to floor)
- Reliable stance release with different walking aids
- Assisted descent of ramps
- Stumble recovery Plus active at all times
- Safe standing in a variety of everyday situations
- Controlled, balanced sitting down and standing up
- Special wheelchair function facilitates manoeuvring in a wheelchair
- Manual locking function for securing the knee in extension in situations with increased need of safety
- Intuitive use of the indoor bicycle function
- Live feedback features supporting the prosthetic training within the rehabilitation phase
- Adjustment software with descriptive video tutorials (K-Soft version 1.4 and up)
- Approved for hip disarticulation
- Can be connected to an osseointegrated, percutaneous implant system (the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters must also permit this combination)

### Scope of delivery

3C60	Kenevo
3C60=ST	Kenevo
2R17	AXON tube adapter
757L16-4	Power supply unit
4H107	Kenevo 8° flexion stop
4H108	Kenevo 16° flexion stop
646H36=ALL_INT	Prosthesis passport
4E70-1	Inductive charger





### Information material

647G1415=ALL_INT	Instructions for use [short] (qualified personnel)   3C60 Kenevo
647H49=ALL_INT	Instructions for use (user)   3C60 Kenevo



Max. 150 kg

### Technical data

		
<b>Article image</b>		
<b>Article number</b>	3C60=4	3C60=ST-4
<b>Mobility grade</b>	1, 2	1, 2
<b>Distal connection</b>	Tube clamp	Tube clamp
<b>Proximal connection</b>	Pyramid	Threaded connector
<b>Knee flexion angle</b>	124 °	124 °
<b>Moisture protection</b>	IP 22 (protection against dripping water)	IP 22 (protection against dripping water)
<b>Weight (without tube adapter)</b>	915 g	915 g
<b>Max. body weight</b>	150 kg	150 kg
<b>Minimum distal system height with 2R17 AXON tube adapter</b>	274 mm	274 mm
<b>Max. distal system height with 2R17 AXON tube adapter</b>	490 mm	490 mm
<b>Min. distal build height with 2R17 AXON tube adapter</b>	256 mm	256 mm
<b>Max. distal build height with 2R17 AXON tube adapter</b>	472 mm	472 mm

- Depending on the market, the Kenevo is supplied with a 3/6-year guarantee or these guarantee packages are ordered separately.
- Certification is required for the Kenevo knee joint. Please contact your customer service representative or your regional contact person regarding this.

# Accessories/spare parts for 3C60



## 2R17 AXON tube adapter

The standard Kenevo tube adapter 2R17 is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the K-Soft adjustment software.



**Information material**

647G1415=ALL_INT	Instructions for use [short] (qualified personnel)   3C60 Kenevo
647H49=ALL_INT	Instructions for use (user)   3C60 Kenevo

**Technical data**

Article number	Diameter	Material	Weight	Max. body weight
2R17	34 mm	Aluminium	290 g	150 kg



## 2R20 AXON tube adapter

The tube adapter is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the adjustment software.



**Information material**

647G1380=ALL_INT	Instruction for use [short] (qualified personnel)   3B1-3 Genium
647H45=ALL_INT	Instructions for use (user)   3B1-3 Genium

**Technical data**

Article number	Diameter	Material	Weight	Max. body weight
2R20	34 mm	Aluminium	290 g	150 kg



## 2R21 AXON tube adapter with torsion unit

The tube adapter is supplied in a standard length of 280 mm and is cut to length by the O&P professional with a pipe cutter. The correct length of the tube adapter is determined using the adjustment software.



**Information material**

647G1380=ALL_INT	Instruction for use [short] (qualified personnel)   3B1-3 Genium
647H45=ALL_INT	Instructions for use (user)   3B1-3 Genium

**Technical data**

Article number	Diameter	Material	Weight	Max. body weight
2R21	34 mm	Aluminium	530 g	125 kg



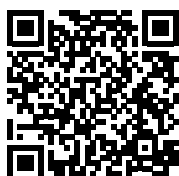
## 4X445 K-Soft

The adjustment software is used for the 3C60 Kenevo.

**Technical data**

Article number
4X445

To the download:







## 60X5 BionicLink PC

The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface (such as the DynamicArm) and a PC with a USB port or USB hub via corresponding Ottobock software products (such as ElbowSoft). The BionicLink USB Bluetooth adapter supports wireless data communication between Ottobock products with a Bluetooth interface and a PC with a USB port or USB hub via corresponding Ottobock software products.

### Technical data

Article number	for
60X5	Connection to computer (USB Bluetooth adapter)



## 757L16-4 Power supply unit

The power supply for electronic prosthetic components and orthoses from Ottobock. Adapters for the EU and US are included in the scope of delivery. Additional adapters can be ordered under the following article numbers:

- Great Britain: 757S1=GB-4
- Australia: 757S1=AUS-4
- Argentina: 757S1=ARG-4

### Technical data

Article number
757L16-4

· Adapters for the EU and US are included in the scope of delivery.

### Scope of delivery

757S1=EU-4	Adapter for FRIWO power supply
757S1=US-4	Adapter for FRIWO power supply



## 4E70-1 Inductive charger

The inductive battery charger is magnetically attached to the back of the knee joint to make charging convenient.

### Technical data

Article number
4E70-1



## 757L43 USB adapter for charging

For use with all Ottobock MPKs (Genium/Genium X3, C-Leg, Kenevo), C-Brace, Meridium and the MyoBock prosthesis solution including the bebionic prosthetic hand.

### Technical data

Article number
757L43



## 4H108 Kenevo 16° flexion stop

The Kenevo 16° flexion stop reduces the knee flexion angle to 108°. It serves to prevent collisions between the socket and hydraulics or frame of the Kenevo.

### Technical data

Article number
4H108



## 4X840 Kenevo Protective Cover

The robust protective cover shields the Kenevo prosthetic knee joint against jolts, environmental influences and wear and tear. It can be shortened and thereby customised to the prosthesis wearer. The corresponding distal cap is attached after shortening to cover the cut edge.

### Key features

- Compatible with knee joints: 3C60, 3C60=ST
- The Kenevo Protective cover can be used for all knee axis-floor measurements that can be configured with the Kenevo

### Scope of delivery

4X840	Kenevo Protective Cover
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### Information material

647G1139=ALL_INT	Instructions for use (qualified personnel)   4X840 Kenevo Protector
647H910=ALL_INT	Instructions for use (user)   4X840 Kenevo Protector

### Technical data

Article number	Weight
4X840	391 g



## 3S26 Foam cover

The 3S26 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

### Key features

- Material: PUR foam
- Compatible with knee joints: 3C60, 3C88-3, 3C98-3, 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

### Scope of delivery

3S26	Foam cover
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### Information material

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
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### Technical data

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S26=L44	PUR	44 cm	20 °	left	Approx. 95 cm
3S26=R44	PUR	44 cm	20 °	right	Approx. 95 cm

- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



## 4X633 Kenevo foam cover toolset

Tool set as an accessory for the Kenevo for convenient charging, including cosmetic cover.

### Technical data

Article number
4X633



## 4X634 Kenevo foam cover charging set

Charging set as an accessory for the Kenevo for convenient charging, including cosmetic cover.

### Technical data

Article number
4X634



## 4X441-\* **Cockpit app**

The Cockpit app allows users to easily adjust various Ottobock electronic prostheses and orthoses to their individual needs. Depending on the component's range of functions one can, for example, select preconfigured MyModes for specific activities, read information such as the battery charge level, turn additional functions on or off and adjust settings. The Cockpit app is available in the App Store for iPhones and the Google Play Store for Android devices.

### Technical data

Article number
4X441-*



## 560X23-\* **Kenevo A-B-C**

### Technical data

Article number
560X23-*



**Scope of delivery**

3R41	locking knee joint, monocentric, with lock	1	Piece(s)
4F18=N	Lock slide	1	Piece(s)

**Information material**

647G340=ALL_INT	Instructions for use   3R41
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### 3R41 locking knee joint, monocentric, with lock

The 3R41 is based on cutting-edge plastics technology and is suitable for users with a high need for safety. It is moisture-resistant, lightweight and especially low-wearing. You also benefit from the easy handling of the innovative release mechanism, which can even be operated under partial load.



Max. 125 kg

**Technical data**

<b>Article number</b>	3R41
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1
<b>Weight</b>	385 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp Ø 30 mm
<b>Knee flexion angle</b>	150 °
<b>System height</b>	24 mm
<b>Proximal system height to alignment reference point</b>	12 mm
<b>Distal system height to alignment reference point</b>	12 mm
<b>Build height</b>	100 mm
<b>Proximal build height to alignment reference point</b>	30 mm
<b>Distal build height to alignment reference point</b>	70 mm



**Scope of delivery**

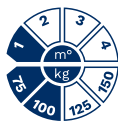
3R40	Lightweight knee joint, monocentric, with lock	1	Piece(s)
4F17=N	Lock slide	1	Piece(s)

**Information material**

647G82=ALL_INT	Instructions for use   3R40
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### 3R40 Lightweight knee joint, monocentric, with lock

The upper joint section with pyramid and lower joint section with tube clamp are made of a light metal alloy and connected by an axis. The adjustable lock in the lower joint section secures the joint in the extended position. Flexion is enabled using the lock cable.



Max. 100 kg

**Technical data**

<b>Article number</b>	3R40
<b>Max. body weight</b>	100 kg
<b>Mobility grade</b>	1
<b>Weight</b>	290 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp Ø 30 mm
<b>Knee flexion angle</b>	155 °
<b>System height</b>	23 mm
<b>Proximal system height to alignment reference point</b>	1 mm
<b>Distal system height to alignment reference point</b>	22 mm
<b>Build height</b>	74 mm
<b>Proximal build height to alignment reference point</b>	19 mm
<b>Distal build height to alignment reference point</b>	55 mm
<b>Material</b>	Aluminium

## Accessories/spare parts for 3R40



### 4D16 Single component pack

The single component pack consists of spare parts for the 3R40 modular lightweight knee joint.

#### Technical data

Article number	for
4D16	3R40

#### Consisting of product

4G123	Plastic cap	1	Piece(s)
506G3=M3X3	Set screw	2	Piece(s)
4G125	Lock bale with cable guide	1	Piece(s)
21A18=2	Perlon cable	5	Piece(s)
21A12	Threaded Sleeve, short	1	Piece(s)
21A8	Suspension rosette	1	Piece(s)
4G124	Plastic ring	1	Piece(s)
4Z59=4X6	Bumper	2	Piece(s)
516S3	Pad screw head	1	Piece(s)
507S15	Lamination disk, serrated	1	Piece(s)
4F17=N	Lock slide	1	Piece(s)



### 3R32 ‘Knee joint for disarticulation, polycentric, with lock

As with the 3R23, the upper joint section of the 3R32 with coupling unit and the lower joint section with pyramid are connected to one another by linkage bars. The detachable lamination anchor connects the knee to the prosthetic socket. The adjustable lock secures the knee in extension. Flexion is enabled using the lock cable.



Max. 125 kg

**Scope of delivery**

3R32	Knee joint for disarticulation, polycentric, with lock	1	Piece(s)
4G70	Lamination anchor	1	Piece(s)

**Information material**

647G1634=ALL_INT	Instructions for use   3R23, 3R32
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**Technical data**

<b>Article number</b>	3R32
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1
<b>Weight</b>	655 g
<b>Proximal connection</b>	Lamination anchor
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	99 mm
<b>Proximal system height to alignment reference point</b>	17 mm
<b>Distal system height to alignment reference point</b>	82 mm
<b>Build height</b>	117 mm
<b>Proximal build height to alignment reference point</b>	17 mm
<b>Distal build height to alignment reference point</b>	100 mm
<b>Material</b>	Titanium



### 3R23 Knee joint for disarticulation, polycentric, with lock

As with the 3R32, the upper joint section of the 3R23 with coupling unit and the lower joint section with pyramid are connected to one another by linkage bars. The detachable lamination anchor connects the knee to the prosthetic socket. The adjustable lock secures the knee in extension. Flexion is enabled using the lock cable.



Max. 125 kg

**Scope of delivery**

3R23	Knee joint for disarticulation, polycentric, with lock	1	Piece(s)
4G70	Lamination anchor	1	Piece(s)

**Information material**

647G1634=ALL_INT	Instructions for use   3R23, 3R32
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**Technical data**

<b>Article number</b>	3R23
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1
<b>Weight</b>	880 g
<b>Proximal connection</b>	Lamination anchor
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	99 mm
<b>Proximal system height to alignment reference point</b>	17 mm
<b>Distal system height to alignment reference point</b>	82 mm
<b>Build height</b>	117 mm
<b>Proximal build height to alignment reference point</b>	17 mm
<b>Distal build height to alignment reference point</b>	100 mm
<b>Material</b>	Stainless steel

## Accessories/spare parts for 3R32, 3R23



### 4D9 Single component pack

The single component pack consists of spare parts for the 3R32 and 3R23 modular knee joints.

#### Technical data

Article number	Spare part for
4D9	3R23 3R32

#### Consisting of product

4B82	Slotted bushing	4	Piece(s)
513T4=18.8X10.2	Belleville spring washer	4	Piece(s)
502S19=M6	Lock nut	2	Piece(s)
507S16=10X1	Lock ring, DIN 471	2	Piece(s)
4Z43=H	Knee stop	2	Piece(s)
501T1=M5X16	Truss head screw	4	Piece(s)
502R1=M5X16	Two-hole nut	4	Piece(s)



### 4G70 Lamination anchor

The lamination anchor serves as the proximal connection for modular knee joints. It is suitable only for use with prosthetic knee joints for knee disarticulations.

#### Technical data

Article number	Material	Max. body weight
4G70	Stainless steel	125 kg

· Only for use with prosthetic knee joints for knee disarticulation.



### 4F34 Locking unit

For use on both left and right sides, adjustable for push and pull. Can be used instead of the factory-installed 4F18=N lock slide.

#### Technical data

Article number	Accessory for
4F34	3R93

#### Consisting of product

501S47	Oval head screw	1	Piece(s)
503L1=3X20	Countersunk head wood screw	2	Piece(s)
709S10=1.5	Allen key	1	Piece(s)
4B95	Buchse	1	Piece(s)
4F35	Lock Control Handle black	1	Piece(s)
4F37	Lock Control Handle black	1	Piece(s)



### 3R33 Knee joint, monoco-centric, with lock and extension assist

The upper and lower joint sections of the 3R33 are connected through the knee axes by the bushings and ball bearings. The adjustable lock secures the joint in the extended position. Flexion is enabled using the lock cable. Locking of the 3R33 occurs automatically with assistance from the extension assist spring.



Max. 125 kg

**Scope of delivery**

3R33	Knee joint, monoco-centric, with lock and extension assist	1	Piece(s)
4F17=N	Lock slide	1	Piece(s)

**Information material**

647G34=ALL_INT	Instructions for use   3R33, 3R17
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**Technical data**

<b>Article number</b>	3R33
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1
<b>Weight</b>	530 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	120 °
<b>System height</b>	43 mm
<b>Proximal system height to alignment reference point</b>	6 mm
<b>Distal system height to alignment reference point</b>	37 mm
<b>Build height</b>	79 mm
<b>Proximal build height to alignment reference point</b>	24 mm
<b>Distal build height to alignment reference point</b>	55 mm
<b>Material</b>	Titanium



### 3R17 Knee joint, monoco-centric, with lock and extension assist

The upper and lower joint sections of the 3R17 are connected through the knee axes by the bushings and ball bearings. The adjustable lock secures the joint in the extended position. Flexion is enabled using the lock cable. Locking of the 3R17 occurs automatically with assistance from the extension assist spring.



Max. 150 kg

**Scope of delivery**

3R17	Knee joint, monoco-centric, with lock and extension assist	1	Piece(s)
4F17=N	Lock slide	1	Piece(s)

**Information material**

647G34=ALL_INT	Instructions for use   3R33, 3R17
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**Technical data**

<b>Article number</b>	3R17
<b>Max. body weight</b>	150 kg
<b>Mobility grade</b>	1
<b>Weight</b>	695 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	120 °
<b>System height</b>	43 mm
<b>Proximal system height to alignment reference point</b>	6 mm
<b>Distal system height to alignment reference point</b>	37 mm
<b>Build height</b>	79 mm
<b>Proximal build height to alignment reference point</b>	24 mm
<b>Distal build height to alignment reference point</b>	55 mm
<b>Material</b>	Stainless steel



## Accessories/spare parts for 3R33, 3R17



### 4D10 Single component pack

The single component pack consists of spare parts for the 3R17 and 3R33 modular knee joints.

#### Technical data

Article number	Spare part for
4D10	3R33 3R17

#### Consisting of product

4G66	Plastic cap	1	Piece(s)
2H31=14X12X15	Bushing	2	Piece(s)
4V102	Spring guide housing	1	Piece(s)
513D18=4.7X31	Compression spring	1	Piece(s)
513D35=60X7.6X1.2	Compression spring	2	Piece(s)
506G3=M8X20	Set screw	1	Piece(s)
4Z30	Safety plate	1	Piece(s)
501S27=M4X5	Slotted Oval Head Screw	1	Piece(s)
4H45	Rubber bumper	1	Piece(s)
4Y10	Ball thrust bearing	2	Piece(s)
4V101	Spring guide pin	2	Piece(s)
504R1=2.5X20	Guide pin	1	Piece(s)



### 4D11 Single component pack

The single component pack consists of spare parts for the factory-installed 4F18=N lock slide.

#### Technical data

Article number	Spare part for
4D11	3R33 3R17

#### Consisting of product

4F17=N	Lock slide	1	Piece(s)
21A12	Threaded Sleeve, short	1	Piece(s)
21A8	Suspension rosette	1	Piece(s)
21A18=2	Perlon cable	5	linear metres
516S3	Pad screw head	2	Piece(s)
507S15	Lamination disk, serrated	1	Piece(s)



## 3R31 Prosedo monocentric locking knee joint, with hydraulic sitting assist

With the Prosedo, the hydraulic sitting assist can be individually adapted to the patient's needs and body weight.

### Key features

- Once the lock is released, high flexion resistance supports users as they sit down
- The weight can also be shifted to the prosthetic leg
- The patient's balance while sitting down is improved
- Reduced strain on the sound side



Max. 125 kg



### Scope of delivery

3R31	Prosedo monocentric locking knee joint, with hydraulic sitting assist	1	Piece(s)
2R50/2R49	Tube adapters	1	Piece(s)
709S10=1.5	Allen key	1	Piece(s)

### Information material

647G989=ALL_INT	Instructions for use   3R31, 3R31=ST Prosedo
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### Technical data

		
<b>Product image   Overall view</b>		
<b>Article number</b>	3R31	3R31=ST
<b>Max. body weight</b>	125 kg	125 kg
<b>Mobility grade</b>	1	1
<b>Weight</b>	595 g	590 g
<b>Proximal connection</b>	Pyramid	Threaded connector
<b>Distal connection</b>	Tube clamp Ø 30 mm	Tube clamp Ø 30 mm
<b>Knee flexion angle</b>	145 °	145 °
<b>System height</b>	102 mm	115 mm
<b>Proximal system height to alignment reference point</b>	3 mm	16 mm
<b>Distal system height to alignment reference point</b>	99 mm	99 mm
<b>Build height</b>	168 mm	163 mm
<b>Proximal build height to alignment reference point</b>	21 mm	16 mm
<b>Distal build height to alignment reference point</b>	147 mm	147 mm



## 3R62 Pheon polycentric knee joint, with mechanical swing phase control

The polycentric knee joint with stance phase control and mechanical swing phase control is particularly suitable for users with low mobility. The Pheon provides targeted support for the post-amputation therapy process – from the initial standing and walking exercises with the interim prosthesis through to the final prosthesis.

### Key features

- Integrated, optional lock can be permanently activated or deactivated by the O&P professional
- Innovative extension assist spring and a self-readjusting friction element to control the extension movement, ensuring a harmonious extension stop



### Scope of delivery

3R62	Pheon polycentric knee joint, with mechanical swing phase control		1	Piece(s)
2R50/2R49	Tube adaptors		1	Piece(s)
4G70	Lamination anchor	only with 3R62=KD	1	Piece(s)
710H10=2X3	Adjustment aid		1	Piece(s)

### Information material

647G876=ALL_INT	Instructions for use   3R62 Pheon
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reddot award 2015 winner

### Technical data

<b>Article Image</b>			
<b>Article number</b>	3R62/3R62=1	3R62=K-D/3R62=1-KD	3R62=ST/3R62=1-ST
<b>Max. body weight</b>	125 / 75 kg	125 / 75 kg	125 / 75 kg
<b>Mobility grade</b>	1, 2	1, 2	1, 2
<b>Weight</b>	846 g	865 g	865 g
<b>Proximal connection</b>	Pyramid	Lamination anchor	Threaded connector
<b>Distal connection</b>	Tube clamp Ø 30 mm	Tube clamp Ø 30 mm	Tube clamp Ø 30 mm
<b>Knee flexion angle</b>	155 °	155 °	155 °
<b>System height</b>	142 mm	165 mm	160 mm
<b>Proximal system height to alignment reference point</b>	-3 mm	20 mm	15 mm
<b>Distal system height to alignment reference point</b>	145 mm	145 mm	145 mm
<b>Build height</b>	195 mm	200 mm	195 mm
<b>Proximal build height to alignment reference point</b>	15 mm	20 mm	15 mm
<b>Distal build height to alignment reference point</b>	180 mm	180 mm	180 mm
<b>Material</b>	Aluminium	Aluminium	Aluminium



### 3R49 Knee joint with friction brake, monocentric, with extension assist and protective sleeve

The axis clamp with swing axle and brake axle forms the connection between the upper joint section and lower joint section of the 3R49 and acts as a load-dependent brake. It secures the stance phase in combination with the posterior location. The axle friction and spring force of the extension assist spring can be adjusted to control the swing phase.



Max. 100 kg

**Scope of delivery**

3R49	Knee joint with friction brake, monocentric, with extension assist and protective sleeve	1	Piece(s)
21Y70=N	Protective sleeve	1	Piece(s)

**Information material**

647G1562=ALL_INT	Instructions for use   3R15, 3R49
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**Technical data**

<b>Article number</b>	3R49
<b>Max. body weight</b>	100 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	360 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	150 °
<b>System height</b>	9 mm
<b>Proximal system height to alignment reference point</b>	8 mm
<b>Distal system height to alignment reference point</b>	1 mm
<b>Build height</b>	45 mm
<b>Proximal build height to alignment reference point</b>	26 mm
<b>Distal build height to alignment reference point</b>	19 mm
<b>Material</b>	Titanium



### 3R15 Knee joint with friction brake, with extension assist and protective sleeve

The axis clamp with swing axle and brake axle forms the connection between the upper joint section and lower joint section of the 3R15 and acts as a load-dependent brake. It secures the stance phase in combination with the posterior location. The axle friction and spring force of the extension assist spring can be adjusted to control the swing phase.



Max. 100 kg

**Scope of delivery**

3R15	Knee joint with friction brake, with extension assist and protective sleeve	1	Piece(s)
21Y70=N	Protective sleeve	1	Piece(s)

**Information material**

647G1562=ALL_INT	Instructions for use   3R15, 3R49
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**Technical data**

<b>Article number</b>	3R15
<b>Max. body weight</b>	100 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	490 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	150 °
<b>System height</b>	9 mm
<b>Proximal system height to alignment reference point</b>	8 mm
<b>Distal system height to alignment reference point</b>	1 mm
<b>Build height</b>	45 mm
<b>Proximal build height to alignment reference point</b>	26 mm
<b>Distal build height to alignment reference point</b>	19 mm
<b>Material</b>	Stainless steel

## Accessories/spare parts for 3R49, 3R15

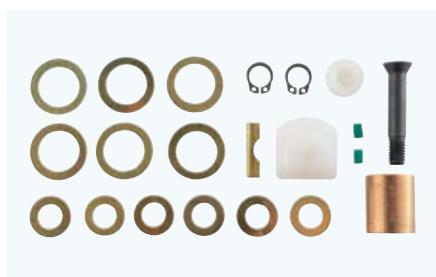


### 21Y70 Protective sleeve

External sleeve made of injection-moulded granulate to protect the knee joint, extension assist unit and cosmetic foam cover or clothing.

#### Technical data

Article number	Spare part for
21Y70=N	3R15 3R49



### 4D1 Single component pack

The single component pack consists of spare parts for the 3R15 and 3R49 modular knee joints with friction brake.

#### Technical data

Article number	Spare part for
4D1	3R15 3R49

#### Consisting of product

4G37	Extension Stop	1	Piece(s)
4Z59=4X6	Bumper	2	Piece(s)
4Z46	Bumper	1	Piece(s)
4G31	Safety device for bushing	1	Piece(s)
507S16=10X1	Lock ring, DIN 471	2	Piece(s)
4Z47	Axis screw	1	Piece(s)
4Z69=10X18X0.3	Washer	2	Piece(s)
4Z69=10X18X0.25	Washer	2	Piece(s)
4Z60=25-0.3	Bearing washer	2	Piece(s)
4Z60=25-0.25	Bearing washer	2	Piece(s)
4Z60=25	Bearing washer	2	Piece(s)
4Z60=25-0.3	Bearing washer	2	Piece(s)
4B74=20.4X24.5-K	Bronze bearing	1	Piece(s)



### 3R36 Habermann knee joint, polycentric, with integrated extension assist

With the 3R36, as with the 3R20, the upper and lower joint sections are connected to one another by linkage bars. Stance phase stability is achieved through the polycentric kinematics (setting the moment pivot point by adjusting the stop). To control the swing phase, the axial friction and extension assist spring are continuously adjustable.



Max. 100 kg

**Scope of delivery**

3R36	Habermann knee joint, polycentric, with integrated extension assist	1	Piece(s)
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**Information material**

647G72=ALL_INT	Instructions for use   3R20, 3R36
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**Technical data**

<b>Article number</b>	3R36
<b>Max. body weight</b>	100 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	445 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	41 mm
<b>Proximal system height to alignment reference point</b>	-3 mm
<b>Distal system height to alignment reference point</b>	44 mm
<b>Build height</b>	77 mm
<b>Proximal build height to alignment reference point</b>	15 mm
<b>Distal build height to alignment reference point</b>	62 mm
<b>Material</b>	Titanium



### 3R20 Habermann knee joint, polycentric, with integrated extension assist

With the 3R20, as with the 3R36, the upper and lower joint sections are connected to one another by linkage bars. Stance phase stability is achieved through the polycentric kinematics (setting the moment pivot point by adjusting the stop). To control the swing phase, the axial friction and extension assist spring are continuously adjustable.



Max. 100 kg

**Scope of delivery**

3R20	Habermann knee joint, polycentric, with integrated extension assist	1	Piece(s)
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**Information material**

647G72=ALL_INT	Instructions for use   3R20, 3R36
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**Technical data**

<b>Article number</b>	3R20
<b>Max. body weight</b>	100 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	690 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	41 mm
<b>Proximal system height to alignment reference point</b>	-3 mm
<b>Distal system height to alignment reference point</b>	44 mm
<b>Build height</b>	77 mm
<b>Proximal build height to alignment reference point</b>	15 mm
<b>Distal build height to alignment reference point</b>	62 mm
<b>Material</b>	Stainless steel

## Accessories/spare parts for 3R36, 3R20



### 4D13 Single component pack

The single component pack consists of spare parts for the 3R36 and 3R20 Ottobock Habermann modular knee joints.

#### Technical data

Article number	Spare part for
4D13	3R36 3R20

#### Consisting of product

4G117	Plastic cap	1	Piece(s)
501Z2=M4X12	Cap Screw	1	Piece(s)
4H58	Extension stop	1	Piece(s)
4Z40	Stop Bumper	1	Piece(s)
4V99	Pin for extension assist	1	Piece(s)
513D34	Extension assist spring	1	Piece(s)
4Z41	Adjustment Screw	1	Piece(s)
509Y1=8.0	Bearing ball, stainless steel	1	Piece(s)
502S19=M6	Lock nut	2	Piece(s)
4A50	Posterior Axis Pins	2	Piece(s)
4Z49=20	Washer	4	Piece(s)
507U16=6.4	Rounded washer	4	Piece(s)



## 3R93 Knee joint with friction brake, monocentric, with lock

The 3R93 is a monocentric knee joint with a load-dependent brake mechanism and an optional locking function. An integrated, adjustable extension assist spring controls the swing phase.

### Key features

- Provides targeted support for the therapy process following an amputation
- Used as a locking knee joint with manual release or as a knee joint with friction brake
- The O&P professional can permanently deactivate the locking function
- Integrated extension assist spring can be optimally adjusted from the outside and controls the pendulum motion of the prosthetic lower leg



Max. 125 kg

### Scope of delivery

3R93	Knee joint with friction brake, monocentric, with lock	1	Piece(s)
2R76/2R77	Internal Tube Adapter	1	Piece(s)
710H10=2X3	Adjustment aid	1	Piece(s)

### Information material

647G525=ALL_INT	Instructions for use   3R93
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### Technical data

<b>Article number</b>	3R93
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	760 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp, 34 mm Ø
<b>Knee flexion angle</b>	130°
<b>System height</b>	82 mm
<b>Proximal system height to alignment reference point</b>	8 mm
<b>Distal system height to alignment reference point</b>	74 mm
<b>Build height</b>	141 mm
<b>Proximal build height to alignment reference point</b>	26 mm
<b>Distal build height to alignment reference point</b>	115 mm
<b>Material</b>	Aluminium

• Use the 3S107 or 3S106 Foam Cover for the 3R93. Fabrication of a customised cosmetic foam cover is possible.

## Accessories/spare parts for 3R93



## 2R76/2R77 Tube adapters

The 2R76 and 2R77 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

### Scope of delivery

2R76/2R77	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R76	34 mm	Stainless steel	77 mm	282 mm	27 mm	264 mm	260 g	150 kg
2R77	34 mm	Stainless steel	77 mm	472 mm	27 mm	454 mm	370 g	150 kg





## 2R57/2R58 Tube adapters

The 2R57 and 2R58 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. The 2R57 and 2R58 are resistant to fresh, salt and chlorinated water.



Max. 150 kg

### Scope of delivery

2R57/2R58	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R57	34 mm	Titanium	77 mm	282 mm	27 mm	264 mm	220 g	150 kg
2R58	34 mm	Titanium	77 mm	472 mm	27 mm	454 mm	330 g	150 kg

- In combination with the C-Leg knee joint, the maximum allowable body weight for this tube adapter is 136 kg.
- The 2R57 and 2R58 are suitable for use in water and damp conditions.



## 4F34 Locking unit

For use on both left and right sides, adjustable for push and pull. Can be used instead of the factory-installed 4F18=N lock slide.

### Technical data

Article number	Accessory for
4F34	3R93

### Consisting of product

501S47	Oval head screw	1	Piece(s)
503L1=3X20	Countersunk head wood screw	2	Piece(s)
709S10=1.5	Allen key	1	Piece(s)
4B95	Buchse	1	Piece(s)
4F35	Lock Control Handle black	1	Piece(s)
4F37	Lock Control Handle black	1	Piece(s)



## 4D29 Single component pack for sealing sleeve

The single component pack consists of spare parts for the knee joint cover of the 3R93 modular knee joint with friction brake and lock.

### Technical data

Article number
4D29

### Consisting of product

634A58	Isopropyl alcohol	1	Piece(s)
513S17=2-R	Leg spring, right	1	Piece(s)
513S17=2-L	Leg spring, left	1	Piece(s)
4G684	Protective cap	4	Piece(s)
4G550	Knee joint cover	1	Piece(s)
4G700	Felt strip	1	Piece(s)



## 3R90 Knee joint with friction brake, monocentric, with extension assist

The load-dependent brake mechanism offers targeted safety for the user. A heel load activates the brake, providing high stability in the stance phase. The swing phase is controlled by means of an integrated mechanical extension assist with a spring combination.



Max. 125 kg

### Scope of delivery

3R90	Knee joint with friction brake, monocentric, with extension assist	1	Piece(s)
2R76/2R77	Tube adapters	1	Piece(s)

### Information material

647G475=ALL_INT	Instructions for use   3R90, 3R92
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### Technical data

<b>Article number</b>	3R90
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	745 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp
<b>Knee flexion angle</b>	135 °
<b>System height</b>	97 mm
<b>Proximal system height to alignment reference point</b>	8 mm
<b>Distal system height to alignment reference point</b>	89 mm
<b>Build height</b>	216 mm
<b>Proximal build height to alignment reference point</b>	26 mm
<b>Distal build height to alignment reference point</b>	190 mm

## Accessories/spare parts for 3R90



### 2R76/2R77 Tube adapters

The 2R76 and 2R77 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

### Scope of delivery

2R76/2R77	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R76	34 mm	Stainless steel	77 mm	282 mm	27 mm	264 mm	260 g	150 kg
2R77	34 mm	Stainless steel	77 mm	472 mm	27 mm	454 mm	370 g	150 kg



## 3R30 Knee joint for disarticulation, polycentric, with mechanical extension assist

The upper joint section of the 3R30 with coupling unit and the lower joint section are connected to each other by linkage bars. The detachable lamination anchor connects the knee to the prosthetic socket. Stance phase stability is achieved through polycentric kinematics. The extension assist spring and axial friction are both continuously adjustable.



Max. 125 kg

### Scope of delivery

3R30	Knee joint for disarticulation, polycentric, with mechanical extension assist	1	Piece(s)
4G70	Lamination anchor	1	Piece(s)

### Information material

647G44=ALL_INT	Instructions for use   3R21, 3R30
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### Technical data

<b>Article number</b>	3R30
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	655 g
<b>Proximal connection</b>	Lamination anchor
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	99 mm
<b>Proximal system height to alignment reference point</b>	17 mm
<b>Distal system height to alignment reference point</b>	82 mm
<b>Build height</b>	117 mm
<b>Proximal build height to alignment reference point</b>	17 mm
<b>Distal build height to alignment reference point</b>	100 mm
<b>Material</b>	Titanium



## 3R21 Knee joint for disarticulation, polycentric, with mechanical extension assist

The upper joint section of the 3R21 with coupling unit and the lower joint section are connected to each other by linkage bars. The detachable lamination anchor provides the connection to the prosthetic socket. Stance phase stability is achieved through polycentric kinematics. The force of the extension assist spring and axial friction are continuously adjustable.



Max. 125 kg

### Scope of delivery

3R21	Knee joint for disarticulation, polycentric, with mechanical extension assist	1	Piece(s)
4G70	Lamination anchor	1	Piece(s)

### Information material

647G44=ALL_INT	Instructions for use   3R21, 3R30
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### Technical data

<b>Article number</b>	3R21
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	1, 2
<b>Weight</b>	1.010 g
<b>Proximal connection</b>	Lamination anchor
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	99 mm
<b>Proximal system height to alignment reference point</b>	17 mm
<b>Distal system height to alignment reference point</b>	82 mm
<b>Build height</b>	117 mm
<b>Proximal build height to alignment reference point</b>	17 mm
<b>Distal build height to alignment reference point</b>	100 mm
<b>Material</b>	Stainless steel

## Accessories/spare parts for 3R30, 3R21



### 4D7 Single component pack

The single component pack consists of spare parts for the 3R30 and 3R21 modular knee joints.

#### Technical data

Article number	Spare part for
4D7	3R21 3R30

#### Consisting of product

4B82	Slotted bushing	4	Piece(s)
513T4=18.8X10.2	Belleville spring washer	4	Piece(s)
507S16=10X1	Lock ring, DIN 471	2	Piece(s)
4Z43=H	Knee stop	2	Piece(s)
513D36	Extension assist spring	1	Piece(s)
4V107	Bearing for extension assist	1	Piece(s)
4V108	Plastic guide	1	Piece(s)
4V110	Guide pin for extension assist	1	Piece(s)
4V111	Knob for extension assist	1	Piece(s)
501T1=M5X16	Truss head screw	4	Piece(s)
502R1=M5X16	Two-hole nut	4	Piece(s)
502S19=M6	Lock nut	2	Piece(s)
506G3=M8X12	Set screw	2	Piece(s)



### 4G70 Lamination anchor

The lamination anchor serves as the proximal connection for modular knee joints. It is suitable only for use with prosthetic knee joints for knee disarticulations.

#### Technical data

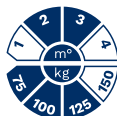
Article number	Material	Max. body weight
4G70	Stainless steel	125 kg

- Only for use with prosthetic knee joints for knee disarticulation.



## 3R92 Knee joint with friction brake, moncentric, with pneumatic swing phase control

The 3R92 moncentric knee joint with friction brake and pneumatic swing phase control has the same brake mechanism as the 3R90. The lower joint section is constructed as a pneumatic cylinder. To control the swing phase, the flexion and extension damping of the progressively acting dual-chamber pneumatics can be adjusted individually.



Max. 125 kg

### Scope of delivery

3R92	Knee joint with friction brake, moncentric, with pneumatic swing phase control	1	Piece(s)
2R76/2R77	Tube adapters	1	Piece(s)

### Information material

647G475=ALL_INT	Instructions for use   3R90, 3R92
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### Technical data

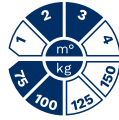
<b>Article number</b>	3R92
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	2, 3
<b>Weight</b>	895 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp
<b>Knee flexion angle</b>	135 °
<b>System height</b>	154 mm
<b>Proximal system height to alignment reference point</b>	8 mm
<b>Distal system height to alignment reference point</b>	146 mm
<b>Build height</b>	216 mm
<b>Proximal build height to alignment reference point</b>	26 mm
<b>Distal build height to alignment reference point</b>	190 mm

· Use the 3S107 foam cover for the 3R92. A custom foam cover can be fabricated.



## 3R78 Knee joint, polycentric, with pneumatic swing phase control

The development of the 3R78 focused on a robust, dust-resistant design that is durable and resistant against environmental impacts. This polycentric prosthetic knee joint with pneumatic swing phase control offers reliable stance phase security for prosthesis wearers with moderate activity levels. In addition to the existing variant with proximal pyramid, other connection variants are now offered as well for users with a long residual limb (threaded connector) or knee disarticulation (lamination anchor, only included in the scope of delivery with the 3R78=KD). This allows an even larger group of patients to benefit from the advantages of this knee joint.



Max. 100 kg

### Scope of delivery

3R78	Knee joint, polycentric, with pneumatic swing phase control		1	Piece(s)
4G70	Lamination anchor	only with 3R78=KD	1	Piece(s)

### Information material

647G556=ALL_INT	Instructions for use   3R78
646D1537=ALL_INT	Quick reference guide – 3R78

### Technical data

<b>Article image</b>	
<b>Article number</b>	3R78
<b>Max. body weight</b>	100 kg
<b>Mobility grade</b>	2, 3
<b>Weight</b>	760 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Tube clamp Ø30
<b>Knee flexion angle</b>	150 °
<b>System height</b>	156 mm
<b>Proximal system height to alignment reference point</b>	-7 mm
<b>Distal system height to alignment reference point</b>	163 mm
<b>Build height</b>	211 mm
<b>Proximal build height to alignment reference point</b>	11 mm
<b>Distal build height to alignment reference point</b>	200 mm
<b>Material</b>	Aluminium

## Accessories/spare parts for 3R78=KD



### 4G70 Lamination anchor

The lamination anchor serves as the proximal connection for modular knee joints. It is suitable only for use with prosthetic knee joints for knee disarticulations.

### Technical data

Article number	Material	Max. body weight
4G70	Stainless steel	125 kg

· Only for use with prosthetic knee joints for knee disarticulation.



## 3R106 Knee joint, polycentric, with pneumatic swing phase control

With the 3R106 polycentric knee joint, the stance phase is secured due to the four-axis joint design. Powerful dual-chamber pneumatics with integrated extension assist spring produce smooth pendulum movements of the prosthetic lower leg, even at higher walking speeds. The 4G70 lamination anchor is only included in the scope of delivery with the 3R106=KD variant.

### Key features

- The modern polycentric structure provides particularly reliable stability for the knee joint during the stance phase and delivers increased ground clearance during the swing phase
- Swing phase damping with especially easy initiation of the swing phase and a smooth extension stop
- Flexion and extension damping can be adjusted separately
- The large flexion angle of 170° and low weight ensure great comfort, e.g. when cycling, getting into a car, kneeling or sitting



Max. 100 kg







### Scope of delivery

3R106	Knee joint, polycentric, with pneumatic swing phase control		1	Piece(s)
2R50/2R49	Tube adapters		1	Piece(s)
4G70	Lamination anchor	only with 3R106=KD	1	Piece(s)
513D83 =1.1X12.9X66	Compression spring, weak		1	Piece(s)
513D83 =1.4X12.6X66	Compression spring, heavy duty		1	Piece(s)

### Information material

647G1640=ALL\_INT | Instructions for use | 3R106

### Technical data

			
<b>Article image</b>			
<b>Article number</b>	3R106	3R106=KD	3R106=ST
<b>Max. body weight</b>	100 kg	100 kg	100 kg
<b>Mobility grade</b>	2, 3	2, 3	2, 3
<b>Weight</b>	760 g	755 g	765 g
<b>Proximal connection</b>	Pyramid	Lamination anchor	Threaded connector
<b>Distal connection</b>	Tube clamp Ø 30 mm	Tube clamp Ø 30 mm	Tube clamp Ø 30 mm
<b>Knee flexion angle</b>	170 °	170 °	170 °
<b>System height</b>	162 mm	184 mm	180 mm
<b>Proximal system height to alignment reference point</b>	-6 mm	16 mm	12 mm
<b>Distal system height to alignment reference point</b>	168 mm	168 mm	168 mm
<b>Build height</b>	212 mm	216 mm	212 mm
<b>Proximal build height to alignment reference point</b>	12 mm	16 mm	12 mm
<b>Distal build height to alignment reference point</b>	200 mm	200 mm	200 mm

- Use the 3S107 foam cover for the 3R106. A custom foam cover can be fabricated.
- HD: Please use the 3R106 version in combination with a 4R156\* or 4R56\* for the treatment of prosthesis wearers with a hip disarticulation or hemipelvectomy.



## 3R106-PRO Knee joint, polycentric, with servo-pneumatic swing phase control

The heart of the polycentric 3R106-PRO is the servo-pneumatic control device, comprising high-performance dual-chamber pneumatics with progressive damping characteristics. The flexion resistance increases auto-adaptively at faster walking speeds. As a result, the pendulum movements in the swing phase are smoothly controlled, even at higher walking speeds.

### Key features

- Approved for a body weight of up to 125 kg
- The integrated, automatic quick venting of the flexion chamber ensures smooth extension movement, even at higher walking speeds
- Supports a wide range of walking speeds
- Needle roller bearing technology is durable, robust and smooth-running
- Modern design that protects the cosmetic cover
- Easy to use

### Scope of delivery

3R106-PRO	Knee joint, polycentric, with servo-pneumatic swing phase control		1	Piece(s)
2R50/2R49	Tube adapters		1	Piece(s)
4G70	Lamination anchor	only with 3R106-PRO=KD	1	Piece(s)
513D83 =1.1X12.9X66	Compression spring, weak		1	Piece(s)
513D83 =1.4X12.6X66	Compression spring, heavy duty		1	Piece(s)
710H10	Adjustment aid		1	Piece(s)



### Information material

647G208=ALL_INT	Instructions for use   3R106-Pro
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### Technical data

<b>Article image</b>			
<b>Article number</b>	3R106-PRO	3R106-PRO=KD	3R106-PRO=ST
<b>Max. body weight</b>	125 kg	125 kg	125 kg
<b>Mobility grade</b>	2, 3	2, 3	2, 3
<b>Weight</b>	885 g	910 g	915 g
<b>Proximal connection</b>	Pyramid	Lamination anchor	Threaded connector
<b>Distal connection</b>	Tube clamp Ø 30 mm	Tube clamp Ø 30 mm	Tube clamp Ø 30 mm
<b>Knee flexion angle</b>	175 °	175 °	175 °
<b>System height</b>	163 mm	187 mm	181 mm
<b>Proximal system height to alignment reference point</b>	-7 mm	16 mm	11 mm
<b>Distal system height to alignment reference point</b>	170 mm	170 mm	170 mm
<b>Build height</b>	219 mm	224 mm	219 mm
<b>Proximal build height to alignment reference point</b>	11 mm	16 mm	11 mm
<b>Distal build height to alignment reference point</b>	208 mm	208 mm	208 mm
<b>Material</b>	Aluminium	Aluminium	Aluminium



## Accessories/spare parts for 3R106 PRO, 3R106



### 2R50/2R49 Tube adapters

The 2R50 and 2R49 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 125 kg

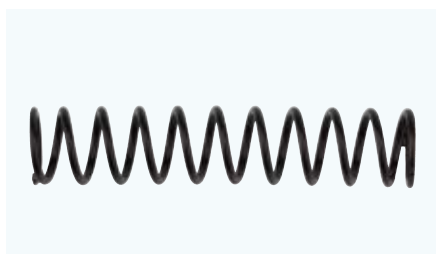
#### Scope of delivery

2R50/2R49	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

#### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R50	30 mm	Aluminium	97 mm	232 mm	53 mm	214 mm	155 g	125 kg
2R49	30 mm	Aluminium	97 mm	472 mm	53 mm	414 mm	255 g	125 kg

- For high loads on transtibial prostheses, a tube adapter with  $\varnothing$  34 mm should be used (e.g. 2R57/2R76).
- The tube adapters are available in two different lengths

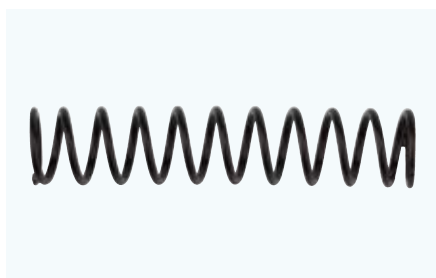


### 513D83 Compression spring, weak

The 513D83=1.1X12.9X66 compression spring is available as a spare part for the 3R106 and 3R106-PRO knee joints.

#### Technical data

Article number	Spare part for
513D83=1.1X12.9X66	3R106-PRO 3R106-PRO=ST 3R106-PRO=KD 3R106 3R106=KD 3R106=ST 3R106=KD-OB 3R106-PRO=KD-S



### 513D83 Compression spring, heavy duty

The 513D83=1.4X12.6X66 compression spring is available as a spare part for the 3R106 and 3R106-PRO knee joints.

#### Technical data

Article number	Spare part for
513D83=1.4X12.6X66	3R106-PRO 3R106-PRO=ST 3R106-PRO=KD 3R106 3R106=KD 3R106=ST 3R106=KD-OB 3R106-PRO=KD-S



### 4D3 Single component pack

The single component pack consists of spare parts for the 3R106 and 3R106-PRO knee joints.

#### Technical data

Article number	Spare part for
4D3	3R106-PRO 3R106-PRO=ST 3R106-PRO=KD 3R106 3R106=KD 3R106=ST

#### Consisting of product

502R1=M5X16	Two-hole nut	4	Piece(s)
4Z81=4X12	Stop for 3R106	1	Piece(s)
501T1=M5X16	Truss head screw	4	Piece(s)



## 4G70 Lamination anchor

The lamination anchor serves as the proximal connection for modular knee joints. It is suitable only for use with prosthetic knee joints for knee disarticulations.

### Technical data

Article number	Material	Max. body weight
4G70	Stainless steel	125 kg

- Only for use with prosthetic knee joints for knee disarticulation.



## 3R60-PRO EBSpro knee joint, polycentric, with hydraulic swing phase control

The 3R60 Pro is a polycentric knee joint for users with a moderate activity level, featuring a relatively low net weight. The 3R60 and 3R60 Pro variants were respectively expanded with the EBS function (Ergonomically Balanced Stride), which enables controlled knee flexion at heel strike and provides high-performance hydraulic swing phase control. This ensures a wide range of walking speeds modelled after nature. The joint is available in four different connection variants.

### Key features









- Polycentric joint design permits controlled, spring-loaded flexion up to max. 15° on heel contact without initiating normal knee flexion
- Individually adjustable stance phase flexion gives the user added knee stability
- Different walking speeds possible
- Significant reduction of loads on the residual limb, hip and spine

### Scope of delivery

3R60-PRO	EBSpro knee joint, polycentric, with hydraulic swing phase control		1	Piece(s)
4G70	Lamination anchor	only with 3R60-PRO=KD	1	Piece(s)
710H10=2X3	Adjustment aid		1	Piece(s)



### Technical data

				
<b>Article image</b>				
<b>Article number</b>	3R60-PRO	3R60-PRO=HD	3R60-PRO=KD	3R60-PRO=ST
<b>Max. body weight</b>	75 kg	75 kg	75 kg	75 kg
<b>Mobility grade</b>	2, 3	2, 3	2, 3	2, 3
<b>Weight</b>	770 g	770 g	840 g	750 g
<b>Proximal connection</b>	Pyramid (movable)	Pyramid (10° inclined)	Lamination anchor	Threaded connector
<b>Distal connection</b>	Pyramid	Pyramid	Pyramid	Pyramid
<b>Knee flexion angle</b>	175 °	175 °	145 °	125 °
<b>System height</b>	150 mm	150 mm	169 mm	165 mm
<b>Proximal system height to alignment reference point</b>	2 mm	2 mm	21 mm	17 mm
<b>Distal system height to alignment reference point</b>	148 mm	148 mm	148 mm	148 mm
<b>Build height</b>	186 mm	186 mm	187 mm	183 mm
<b>Proximal build height to alignment reference point</b>	20 mm	20 mm	21 mm	17 mm
<b>Distal build height to alignment reference point</b>	166 mm	166 mm	166 mm	166 mm

### Information material

647G381=ALL_INT	Instructions for use   3R60-PRO
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## 3R60 EBS knee joint, polycentric, with hydraulic swing phase control

Tried and trusted many times over, the 3R60 enables controlled knee flexion at heel strike and features powerful hydraulic swing phase control. The EBS elastic flexion unit provides enhanced comfort and safety for users.

### Key features

- Polycentric joint design permits controlled, spring-loaded flexion up to max. 15° on heel contact without initiating normal knee flexion
- Individually adjustable stance phase flexion gives the user added knee stability
- Different walking speeds possible
- Significant reduction of loads on the residual limb, hip and spine



Max. 125 kg

### Scope of delivery

3R60	EBS knee joint, polycentric, with hydraulic swing phase control		1	Piece(s)
4G70	Lamination anchor	only with 3R60=KD	1	Piece(s)
710H10=2X3	Adjustment aid		1	Piece(s)

### Information material

647G167=ALL_INT	Instructions for use   3R60=*
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### Technical data

Article image				
<b>Article number</b>	3R60	3R60=HD	3R60=KD	3R60=ST
<b>Max. body weight</b>	125 kg	125 kg	125 kg	125 kg
<b>Mobility grade</b>	2, 3	2, 3	2, 3	2, 3
<b>Weight</b>	845 g	880 g	940 g	845 g
<b>Proximal connection</b>	Pyramid	Pyramid (10° inclined)	Lamination anchor	Threaded connector
<b>Distal connection</b>	Pyramid	Pyramid	Pyramid	Pyramid
<b>Knee flexion angle</b>	150 °	150 °	150 °	150 °
<b>System height</b>	171 mm	174 mm	193 mm	189 mm
<b>Proximal system height to alignment reference point</b>	-2 mm	1 mm	20 mm	16 mm
<b>Distal system height to alignment reference point</b>	173 mm	173 mm	173 mm	173 mm
<b>Build height</b>	207 mm	210 mm	211 mm	207 mm
<b>Proximal build height to alignment reference point</b>	16 mm	19 mm	20 mm	16 mm
<b>Distal build height to alignment reference point</b>	191 mm	191 mm	191 mm	191 mm

## Accessories/spare parts for 3R60 PRO, 3R60



### 4G70 Lamination anchor

The lamination anchor serves as the proximal connection for modular knee joints. It is suitable only for use with prosthetic knee joints for knee disarticulations.

### Technical data

Article number	Material	Max. body weight
4G70	Stainless steel	125 kg

- Only for use with prosthetic knee joints for knee disarticulation.



## 3R80 Knee joint, monocentric, with rotation hydraulics

The monocentric knee joint and its unique principle of rotation hydraulics allow users to closely approximate a physiological gait pattern, descend stairs step-over-step and walk down slopes. The 3R80 is a waterproof design for wet areas and is approved for a body weight of up to 150 kg.

### Key features

- Individual adaptation of stance and swing phase behaviour
- Flexion and extension resistance can be adjusted independently
- Waterproof design also permits use in wet areas, for example in the shower or at the pool
- Integrated manual lock



Max. 150 kg

### Scope of delivery

3R80	Knee joint, mono-centric, with rotation hydraulics	1	Piece(s)
2R57/2R58	Tube Adapter, long, 34 mm, Titanium	1	Piece(s)
710H10=2X3	Adjustment aid	1	Piece(s)

### Information material

647G403=ALL_INT	Instructions for use   3R80, 3R80=ST
646D1533=ALL_INT	Quick reference guide   3R80

### Technical data

		
<b>Article image</b>		
<b>Article number</b>	3R80	3R80=ST
<b>Max. body weight</b>	150 kg	150 kg
<b>Mobility grade</b>	3, 4	3, 4
<b>Weight</b>	1240 g	1255 g
<b>Proximal connection</b>	Pyramid	Threaded connector
<b>Distal connection</b>	Tube clamp Ø 34 mm	Tube clamp Ø 34 mm
<b>Knee flexion angle</b>	150 °	150 °
<b>System height</b>	163 mm	179 mm
<b>Proximal system height to alignment reference point</b>	28 mm	44 mm
<b>Distal system height to alignment reference point</b>	135 mm	135 mm
<b>Build height</b>	218 mm	216 mm
<b>Proximal build height to alignment reference point</b>	46 mm	44 mm
<b>Distal build height to alignment reference point</b>	172 mm	172 mm

# Accessories/spare parts for 3R80



**Scope of delivery**

2R76/2R77	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

## 2R76/2R77 Tube adapters

The 2R76 and 2R77 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Max. 150 kg

**Technical data**

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R76	34 mm	Stainless steel	77 mm	282 mm	27 mm	264 mm	260 g	150 kg
2R77	34 mm	Stainless steel	77 mm	472 mm	27 mm	454 mm	370 g	150 kg



**Scope of delivery**

2R57/2R58	Tube adapters	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)

## 2R57/2R58 Tube adapters

The 2R57 and 2R58 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. The 2R57 and 2R58 are resistant to fresh, salt and chlorinated water.



Max. 150 kg

**Technical data**

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R57	34 mm	Titanium	77 mm	282 mm	27 mm	264 mm	220 g	150 kg
2R58	34 mm	Titanium	77 mm	472 mm	27 mm	454 mm	330 g	150 kg

- In combination with the C-Leg knee joint, the maximum allowable body weight for this tube adapter is 136 kg.
- The 2R57 and 2R58 are suitable for use in water and damp conditions.



## 3R85 Dynion knee joint, monocentric, with rotation hydraulics

The Dynion was developed for active users who keep pace with life on their own terms and want a reliable partner in their everyday lives, for any situation.

### Key features

- The powerful rotary hydraulics with stance phase control ensure dynamic, dependable gait control
- Adjustable stance phase flexion provides support when going down stairs, ramps and inclines
- Waterproof for more everyday freedom
- A manual lock makes relaxed standing effortless
- A cycling mode makes it easy to take part in bike rides with family

### Scope of delivery

3R85	Dynion knee joint, monocentric, with rotation hydraulics	1	Piece(s)
2R37/2R38	Tube adapters	1	Piece(s)

### Information material

647G1166=ALL_INT	Instructions for use   3R85 Dynion
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Max. 100 kg

### Technical data

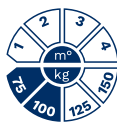
<b>Article number</b>	3R85
<b>Distal connection</b>	Tube clamp
<b>Proximal connection</b>	Pyramid
<b>Knee flexion angle</b>	145 °
<b>System height</b>	160 mm
<b>Proximal system height to alignment reference point</b>	26.5 mm
<b>Distal system height to alignment reference point</b>	133 mm
<b>Weight</b>	1255 g
<b>Max. body weight</b>	100 kg

## Accessories/spare parts for 3R85



### 2R37/2R38 Tube adapters

The 2R37 and 2R38 tube adapters differ in length. They connect prosthetic components to each other. Adapter combinations allow for controlled angle and translational adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation. They are resistant to fresh, salt and chlorinated water.



Max. 100 kg



Max. 136 kg

### Scope of delivery

2R37/2R38	Tube adapters	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)

### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R37	30 mm	Titanium	97 mm	232 mm	53 mm	214 mm	160 g	100 kg
2R38	30 mm	Titanium	97 mm	472 mm	53 mm	454 mm	275 g	100 kg

• For high loads on transtibial prostheses, a tube adapter with Ø 34 mm should be used (e.g. 2R57/2R76).



## 3R95 Knee joint, monocentric, with hydraulic swing phase control

The high-performance linear hydraulics to control the swing phase are particularly suitable for highly active users. The joint housing has a dorsal recess to allow for a larger flexion angle.



Max. 150 kg

### Scope of delivery

3R95	Knee joint, monocentric, with hydraulic swing phase control	1	Piece(s)
4G764	Adjusting tool	1	Piece(s)

### Information material

647G817=ALL_INT	Instructions for use   3R95
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### Technical data

<b>Article number</b>	3R95
<b>Max. body weight</b>	150 kg
<b>Mobility grade</b>	3, 4
<b>Weight</b>	360 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	135 °
<b>System height</b>	62 mm
<b>Proximal system height to alignment reference point</b>	6 mm
<b>Distal system height to alignment reference point</b>	56 mm
<b>Build height</b>	98 mm
<b>Proximal build height to alignment reference point</b>	24 mm
<b>Distal build height to alignment reference point</b>	74 mm

## Accessories/spare parts for 3R95



### 4D17 Single component pack

The single component pack consists of spare parts for the 3R95 modular knee joint.

#### Technical data

<b>Article number</b>	<b>Spare part for</b>
4D17	3R95

### Consisting of product

4G752	Rubber block	1	Piece(s)
501S84=M4X12	Flat head screw	1	Piece(s)



### 4G764 Adjusting tool

This is a spare part for the 3R95 and 3WR95.

#### Technical data

<b>Article number</b>
4G764





## 3R55 Knee joint, polycentric, with hydraulic swing phase control

The upper and lower joint sections of the 3R55 are connected to one another by linkage bars. Stance phase stability is achieved through polycentric kinematics. The swing phase is controlled by the integrated hydraulics. Flexion and extension can be adjusted independently.



Max. 125 kg

### Scope of delivery

3R55	Knee joint, polycentric, with hydraulic swing phase control	1	Piece(s)
4X16	Adjustment wrench	1	Piece(s)

### Information material

647G1636=ALL_INT	Instructions for use	3R55
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### Technical data

<b>Article number</b>	3R55
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	3, 4
<b>Weight</b>	720 g
<b>Proximal connection</b>	Pyramid
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	90 mm
<b>Proximal system height to alignment reference point</b>	9 mm
<b>Distal system height to alignment reference point</b>	81 mm
<b>Build height</b>	126 mm
<b>Proximal build height to alignment reference point</b>	27 mm
<b>Distal build height to alignment reference point</b>	99 mm

## Accessories/spare parts for 3R55



### 4D19 Single component pack

The single component pack consists of spare parts for the 3R55 modular knee joint.

#### Technical data

<b>Article number</b>	<b>Spare part for</b>
4D19	3R55

### Consisting of product

4Z43=H	Knee stop	2	Piece(s)
4G147	Damper guard	1	Piece(s)
4G148=9	Fastening nipple	2	Piece(s)
4G148=11	Fastening nipple	1	Piece(s)
4B82	Slotted bushing	4	Piece(s)
513T4=18.8X10.2	Belleville spring washer	4	Piece(s)
507S16=10X1	Lock ring, DIN 471	2	Piece(s)
502S19=M6	Lock nut	2	Piece(s)



## 3R46 Knee joint for disarticulation, polycentric, with hydraulic swing phase control

The upper joint section and lower joint section with pyramid of the 3R46 are connected to one another by linkage bars. The detachable lamination anchor provides the connection to the prosthetic socket. Stance phase stability is achieved through polycentric kinematics. The swing phase is controlled by the integrated hydraulics. Flexion and extension can be adjusted independently.



### Scope of delivery

3R46	Knee joint for disarticulation, polycentric, with hydraulic swing phase control	1	Piece(s)
4G70	Lamination anchor	1	Piece(s)
4X16	Adjustment wrench	1	Piece(s)

### Information material

647G94=ALL_INT	Instructions for use   3R46
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### Technical data

<b>Article number</b>	3R46
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	3, 4
<b>Weight</b>	740 g
<b>Proximal connection</b>	Lamination anchor
<b>Distal connection</b>	Pyramid
<b>Knee flexion angle</b>	110 °
<b>System height</b>	99 mm
<b>Proximal system height to alignment reference point</b>	17 mm
<b>Distal system height to alignment reference point</b>	82 mm
<b>Build height</b>	117 mm
<b>Proximal build height to alignment reference point</b>	17 mm
<b>Distal build height to alignment reference point</b>	100 mm

## Accessories/spare parts for 3R46



### 4D18 Single component pack

The single component pack consists of spare parts for the 3R46 modular knee joint.

#### Technical data

<b>Article number</b>	<b>Spare part for</b>
4D18	3R46

### Consisting of product

4Z43=H	Knee stop	2	Piece(s)
501T1=M5X16	Truss head screw	4	Piece(s)
502R1=M5X16	Two-hole nut	4	Piece(s)
4B82	Slotted bushing	4	Piece(s)
513T4=18.8X10.2	Belleville spring washer	4	Piece(s)
507S16=10X1	Lock ring, DIN 471	2	Piece(s)
502S19=M6	Lock nut	2	Piece(s)
4G148=9	Fastening nipple	2	Piece(s)
4G148=11	Fastening nipple	1	Piece(s)
4G147	Damper guard	1	Piece(s)



### 4G70 Lamination anchor

The lamination anchor serves as the proximal connection for modular knee joints. It is suitable only for use with prosthetic knee joints for knee disarticulations.

#### Technical data

<b>Article number</b>	<b>Material</b>	<b>Max. body weight</b>
4G70	Stainless steel	125 kg

· Only for use with prosthetic knee joints for knee disarticulation.





# Hip joints.



## 7E7 Hip joint, monocentric, with inner extension assist

The top of the prosthetic hip joint is screwed to the lamination plate laminated into the pelvic socket, and the bottom is connected with a tube clamp. The continuously adjustable extension assist is located in the prosthetic joint's lower section. It limits the range of motion while walking. The prosthetic joint features a low structural height (= laminate thickness), which helps to minimise pelvic tilt while the patient is sitting. Abduction/adduction and flexion/extension as well as rotation are continuously adjustable. The prosthetic joint is supplied with a 7Z58=N lamination dummy.



Max. 100 kg

### Scope of delivery

7E7	Hip joint, monocentric, with inner extension assist	1	Piece(s)
7Z53	Lamination plate	1	Piece(s)
7Z58=N	Casting aid	1	Piece(s)
709Z11	T40 bit	1	Piece(s)

### Information material

647G130=ALL_INT	Instructions for use   7E7
-----------------	----------------------------

### Technical data

<b>Article number</b>	7E7
<b>Max. body weight</b>	100 kg
<b>Mobility grade</b>	2, 3
<b>Weight</b>	620 g
<b>Proximal connection</b>	Lamination plate
<b>Distal connection</b>	Tube Ø 30 mm
<b>Range</b>	140 °
<b>Min. system height</b>	33 mm
<b>Max. system height</b>	360 mm
<b>Min. build height</b>	60 mm



## 7E9 Monocentric hip joint with hydraulic control

The high-performance mini hydraulics form the centrepiece of the 7E9 hip joint, smoothly damping joint movements in both the swing and the stance phase. The result is a gait pattern for the prosthesis wearer that comes closer to the physiological model. In combination with the Genium and C-Leg microprocessor knees, the 7E9 delivers optimal treatment results. A prosthesis with the 3R60 mechanical knee joint is possible as well. Due to the numerous combination possibilities and high patient weight limit of 125 kg, the hip joint is suitable for a large group of users with hip disarticulation or hemipelvectomy.



Max. 125 kg

### Scope of delivery

7E9	Monocentric hip joint with hydraulic control	1	Piece(s)
7Z53	Lamination plate	1	Piece(s)
7Z53=1-M10	Lamination plate	1	Piece(s)
709Z11	T40 bit	1	Piece(s)

### Information material

647G774=ALL_INT	Instructions for use   7E9
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### Technical data

<b>Article number</b>	7E9
<b>Max. body weight</b>	125 kg
<b>Mobility grade</b>	2, 3
<b>Weight</b>	695 g
<b>Proximal connection</b>	Lamination anchor
<b>Distal connection</b>	Pyramid
<b>Range</b>	130 °
<b>System height</b>	82 mm
<b>Build height</b>	100 mm
<b>Material</b>	Aluminium

## 7E10 Helix3D prosthetic hip joint

The Helix3D hip joint sets standards for enhanced safety, dynamics and comfort. For example, its patented multi-axis joint structure results in three-dimensional hip movement and promotes a natural gait. The Helix3D hip joint is approved exclusively in combination with the C-Leg® and Genium knee joints as well as the corresponding components.



Max. 100 kg



### Scope of delivery

7E10	Helix3D prosthetic hip joint	1	Piece(s)
7Z53	Lamination plate	1	Piece(s)
709Z11	T40 bit	1	Piece(s)

### Information material

647G387=ALL_INT	Instructions for use (qualified personnel)   7E10 Helix3D
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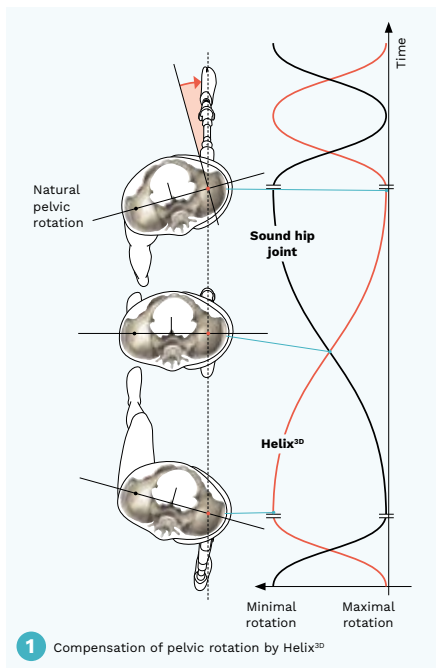
reddot design award  
winner 2008

### Technical data

Article number	7E10=L	7E10=R
Max. body weight	100 kg	100 kg
Mobility grade	2, 3	2, 3
Weight	990 g	990 g
Proximal connection	Lamination plate	Lamination plate
Distal connection	Pyramid	Pyramid
Range	130 °	130 °
System height	146 mm	146 mm
Build height	164 mm	164 mm
Side	left (L)	right (R)

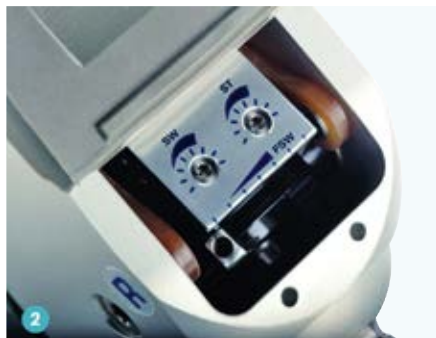
### The patented multi-axis joint structure

- Produces a three-dimensional hip movement to compensate for pelvic rotation and promotes a symmetrical and natural gait pattern. (Fig. 1)
- Permits shortening of the leg in the swing phase with the objective of reducing the risk of falling, thereby improving functional safety.
- Ensures optimal sitting characteristics and reduces pelvic obliquity to a minimum.
- Permits a large flexion angle to provide relief in everyday situations such as putting on shoes or getting into a car.



### The spring-hydraulics combination

- Supports swing initiation by the prosthesis wearer with integrated expansion springs. Energy stored in the stance phase is used to compensate for the missing hip musculature during swing initiation and reduce the energy expended while walking. (Fig. 2)
- Controls the 3D movement during the entire gait cycle.
- Allows for dampened, controlled heel strike in the stance phase with significantly reduced hyperlordosis as well as smooth extension of the hip joint. Controlled and smooth rollover on the prosthesis under full load becomes possible.
- Allows for an individual stride length setting and makes it possible to control the pendulum motion in the swing phase.



# Accessories/spare parts for 7E7, 7E9, 7E10



## 7D2 Single component pack

The single component pack consists of spare parts for the 7E7 modular hip joint.

### Technical data

<b>Article number</b>
7D2

### Consisting of product

7Z51	Guide sleeve	1	Piece(s)
7Z55	Extension Stop Bumper	1	Piece(s)
7Z60	Protective sleeve	1	Piece(s)
4Z30	Safety plate	1	Piece(s)
501S27=M4X5	Slotted Oval Head Screw	1	Piece(s)
501Z2=M5X30	Cap screw	1	Piece(s)
513D36	Extension assist spring	1	Piece(s)
501T39=M8X30-10.9	Cap screw	2	Piece(s)
501T39=M4X12	Cap screw	1	Piece(s)



## 7Z53 Lamination plate

The lamination plate serves as the proximal connection for the 7E7, 7E9 and 7E10 hip joints.

### Technical data

Article number	Max. body weight	Material
7Z53	100 kg	Aluminium
7Z53=1-M10	125 kg	Steel





### 4R56 Tube clamp adapter, angled

The 4R56 tube clamp adapter is used in prostheses in combination with a hip joint. It is available with three different angles and, among other things, connects the 7E10 Helix 3D hip joint to the 2R30 tube, and this to the 4R57 rotation adapter or a knee joint.

**Key features**

- Angled by 10°, 20° and 30° for alignment optimisation



Max. 100 kg



**Scope of delivery**

4R56	Tube clamp adapter, angled	1	Piece(s)
506G3=M8X12-V	Set screw	4	Piece(s)
501Z2=M4X22	Cap Screw	1	Piece(s)
506A17=1	Cylinder pin	1	Piece(s)
506A17=2	Cylinder pin	1	Piece(s)

**Technical data**

Article image			
<b>Article number</b>	4R56	4R56=1	4R56=2
<b>Diameter</b>	30 mm	30 mm	30 mm
<b>Material</b>	Titanium	Titanium	Titanium
<b>System height</b>	34 mm	34 mm	35 mm
<b>Build height</b>	54 mm	54 mm	55 mm
<b>Weight</b>	85 g	85 g	100 g
<b>Angular offset</b>	10 °	20 °	30 °
<b>Max. body weight</b>	100 kg	100 kg	100 kg

• The 4R56=1/=2 Tube Clamp Adapter with a 20°/30° angle is recommended for larger pelvic sockets. When using "HD" knee joints, please consider the 10° angle of the pyramid adapter.



### 4R156 Tube clamp adapter, angled

The adapter is available with three different angles. Due to its high load-bearing capacity, it is preferable for use in combination with the 7E9 prosthetic hip joint. In this case, the adapter is intended for the adjustable proximal connection of the prosthetic hip joint to the 2R36 thigh tube and for the adjustable distal connection of the 2R36 thigh tube to the pyramid of the prosthetic knee joint or the 4R57 rotation adapter.

**Key features**

- Angled by 10°, 20° and 30° for alignment optimisation



Max. 150 kg



**Scope of delivery**

4R156	Tube clamp adapter, angled	1	Piece(s)
506G3=M8X14	Set screw	4	Piece(s)
4X28=3	Plastic ring	1	Piece(s)
4Y423	Cylinder pin	1	Piece(s)
4Y424	Cylinder pin with interior thread	1	Piece(s)
501T15=M5X25	Cap screw (Allen screw)	1	Piece(s)

**Technical data**

Article image			
<b>Article number</b>	4R156	4R156=1	4R156=2
<b>Diameter</b>	34 mm	34 mm	34 mm
<b>Material</b>	Titanium	Titanium	Titanium
<b>System height</b>	36 mm	37 mm	38 mm
<b>Build height</b>	50 mm	50 mm	51 mm
<b>Weight</b>	145 g	175 g	185 g
<b>Angular offset</b>	10 °	20 °	30 °
<b>Max. body weight</b>	150 kg	150 kg	150 kg

• The 4R156=1/=2 tube clamp adapter with a 20°/30° angle is recommended for larger pelvic sockets. When using "HD" knee joints, note the 10° angle of the pyramid.



## 2R30 Light metal piping

The 2R30 Light metal tube is used in fittings with a prosthetic hip joint. It serves as the connection between two tube clamp adapters, e.g. the 4R52 or 4R56.



Max. 100 kg

### Scope of delivery

2R30	Light metal piping	1	Piece(s)
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### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R30	30 mm	Aluminium	69 mm	400 mm	10 mm	400 mm	200 g	100 kg



## 2R36 Light metal piping

The 2R36 Light metal tube is used in treatments with a prosthetic hip joint. It serves as the connection between two tube clamp adapters, e.g. the 4R82 or 4R156.



Max. 125 kg

### Scope of delivery

2R36	Light metal piping	1	Piece(s)
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### Technical data

Article number	Diameter	Material	Min. system height	Max. system height	Min. build height	Overall length	Weight	Max. body weight
2R36	34 mm	Aluminium	73 mm	380 mm	10 mm	380 mm	215 g	125 kg



## 4R32 Option set for modular hip disarticulation prostheses

The accessory set is used in combination with a foam cover to restore the natural leg volume with modular hip disarticulation prostheses. It is part of a connection cover, which is individually fabricated, glued into the foam cover and attached to the socket using the elastic strap.

### Technical data

<b>Article number</b>
4R32

Scope of delivery: two connecting straps with ring, two tapered rings, two wedges, one ThermoLyn trolene strip (as casting template), one pair 99B14=3 Perlon cosmetic stockings

### Consisting of product

21Y55	Distal Anchor Wedge	2	Piece(s)
21Y54	Distal anchor ring	2	Piece(s)
99B14=3	Perlon cosmetic stocking	1	Pair
	ThermoLyn trolene	1	Piece(s)
21Y53	Ring	2	Piece(s)
623H23	Harness strap	1	Piece(s)
623G60=25-9	Elastic strap	1	Piece(s)



## 743A29 Reference determination tool

The reference determination tool is used to determine the pelvic socket reference line.

### Technical data

<b>Article number</b>
743A29

A series of horizontal lines for writing, consisting of 28 evenly spaced, parallel blue lines spanning the width of the page.



# Socket technologies.



## 6Y42 Skeo

The distal matrix of the Skeo liner has a length of 10 cm and prevents lengthwise stretching. It gives the user good control over the prosthesis and a high level of safety. At the same time, the Skeo lower leg liner easily adapts to slight fluctuations in volume thanks to its transverse elasticity.

The 6Y42 Skeo (TT) can be combined with a shuttle lock.

### Scope of delivery

6Y42	Skeo
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size
6Y42=180	180 mm
6Y42=200	200 mm
6Y42=210	210 mm
6Y42=220	220 mm
6Y42=235	235 mm
6Y42=250	250 mm
6Y42=265	265 mm
6Y42=280	280 mm
6Y42=300	300 mm
6Y42=320	320 mm
6Y42=340	340 mm
6Y42=360	360 mm
6Y42=380	380 mm
6Y42=400	400 mm
6Y42=420	420 mm
6Y42=450	450 mm
<b>Amputation level</b>	Transtibial amputation
<b>Material</b>	Silicone
<b>Connection</b>	With distal connection
<b>Distal cushion</b>	13.5 mm
<b>Wall thickness</b>	from approx. 4.5 mm distally, tapering to 2.5 mm proximally
<b>Textile cover</b>	with
<b>Colour</b>	Light grey
<b>Exterior coating</b>	without
<b>Socket design</b>	Specific weight-bearing socket
<b>Matrix</b>	10 cm length
<b>Skinguard</b>	without



## 6Y41 Skeo Pure

The difference is clear. Thanks to its transparency, the Skeo Pure makes it easier to visually check the fit and skin condition, for example in case of interim fittings. The silky-smooth exterior dries quickly and makes it simple to put on and take off the prosthesis without donning spray.

The 6Y41 Skeo Pure (TT) can be combined with a valve.

### Technical data

Article number	Size	Wall thickness
6Y41=160	160 mm	3 mm
6Y41=180	180 mm	3 mm
6Y41=200	200 mm	3 mm
6Y41=220	220 mm	3 mm
6Y41=235	235 mm	3 mm
6Y41=250	250 mm	3 mm
6Y41=265	265 mm	3 mm
6Y41=280	280 mm	3 mm
6Y41=300	300 mm	3 mm
6Y41=320	320 mm	3 mm
6Y41=340	340 mm	3 mm
6Y41=360	360 mm	3 mm
6Y41=400	400 mm	3 mm
6Y41=160-6	160 mm	6 mm
6Y41=180-6	180 mm	6 mm
6Y41=200-6	200 mm	6 mm
6Y41=220-6	220 mm	6 mm
6Y41=235-6	235 mm	6 mm
6Y41=250-6	250 mm	6 mm
6Y41=265-6	265 mm	6 mm
6Y41=280-6	280 mm	6 mm
6Y41=300-6	300 mm	6 mm
6Y41=320-6	320 mm	6 mm
6Y41=340-6	340 mm	6 mm
6Y41=360-6	360 mm	6 mm
6Y41=400-6	400 mm	6 mm
<b>Amputation level</b>	Transtibial amputation	
<b>Material</b>	Silicone	
<b>Connection</b>	Without distal connection	
<b>Distal cushion</b>	13.5 mm	
<b>Textile cover</b>	without	
<b>Colour</b>	Transparent	
<b>Exterior coating</b>	with	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	without	

### Scope of delivery

6Y41	Skeo Pure
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner



## 6Y43 Skeo Pure

The difference is clear. Thanks to its transparency, the Skeo Pure makes it easier to visually check the fit and skin condition, for example in case of interim fittings. The silky-smooth exterior dries quickly and makes it simple to put on and take off the prosthesis without donning spray.

The 6Y43 Skeo Pure can be combined with a shuttle lock.

### Scope of delivery

6Y43	Skeo Pure
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size
6Y43=120	120 mm
6Y43=140	140 mm
6Y43=160	160 mm
6Y43=180	180 mm
6Y43=200	200 mm
6Y43=210	210 mm
6Y43=220	220 mm
6Y43=235	235 mm
6Y43=250	250 mm
6Y43=265	265 mm
6Y43=280	280 mm
6Y43=300	300 mm
6Y43=320	320 mm
6Y43=340	340 mm
6Y43=360	360 mm
6Y43=380	380 mm
6Y43=400	400 mm
6Y43=420	420 mm
6Y43=450	450 mm
<b>Amputation level</b>	Transtibial amputation
<b>Material</b>	Silicone
<b>Connection</b>	With distal connection
<b>Distal cushion</b>	Approx. 13.5 mm
<b>Wall thickness</b>	3 mm
<b>Textile cover</b>	without
<b>Colour</b>	Transparent
<b>Exterior coating</b>	with
<b>Socket design</b>	Specific weight-bearing socket
<b>Matrix</b>	10 cm length
<b>Skinguard</b>	without





## 6Y70 Skeo

The distal matrix of the Skeo liner has a length of 10 cm and prevents lengthwise stretching. It gives the user good control over the prosthesis and a high level of safety. At the same time, the Skeo lower leg liner easily adapts to slight fluctuations in volume thanks to its transverse elasticity.

The 6Y70 Skeo (TT) can be combined with a shuttle lock.



### Scope of delivery

6Y70	Skeo
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Wall thickness
6Y70=160	160 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=180	180 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=200	200 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=210	210 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=220	220 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=235	235 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=250	250 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=265	265 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=280	280 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=300	300 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=320	320 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=340	340 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=360	360 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=380	380 mm	From approx. 5 mm distally, tapering to 3 mm proximally
6Y70=400	400 mm	From approx. 5 mm distally, tapering to 3 mm proximally
<b>Amputation level</b>	Transtibial amputation	
<b>Material</b>	Silicone	
<b>Connection</b>	with distal connection	
<b>Distal cushion</b>	16 mm	
<b>Textile cover</b>	with	
<b>Colour</b>	Light grey	
<b>Exterior coating</b>	without	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	10 cm length	
<b>Skinguard</b>	without	



## 6Y75 Skeo Skinguard

The Skeo Skinguard lower leg liner contains an antibacterial additive that reduces the growth of bacteria due to perspiration by 99.9 per cent. A 10 cm matrix in the lower section reduces lengthwise stretching of the liner.

The 6Y75 Skeo Skinguard (TT) can be combined with a shuttle lock.

### Scope of delivery

6Y75	Skeo Skinguard
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size
6Y75=160	160 mm
6Y75=180	180 mm
6Y75=200	200 mm
6Y75=210	210 mm
6Y75=220	220 mm
6Y75=235	235 mm
6Y75=250	250 mm
6Y75=265	265 mm
6Y75=280	280 mm
6Y75=300	300 mm
6Y75=320	320 mm
6Y75=340	340 mm
6Y75=360	360 mm
6Y75=380	380 mm
6Y75=400	400 mm
<b>Amputation level</b>	Transtibial amputation
<b>Material</b>	Silicone
<b>Connection</b>	with distal connection
<b>Distal cushion</b>	16 mm
<b>Wall thickness</b>	from approx. 5 mm distally, tapering to 3 mm proximally
<b>Textile cover</b>	with
<b>Colour</b>	Light grey
<b>Exterior coating</b>	without
<b>Socket design</b>	Specific weight-bearing socket
<b>Matrix</b>	10 cm length
<b>Skinguard</b>	with



## 6Y77 Skeo 3D

The Skeo 3D lower leg liner adapts to the anatomy of the residual limb: greater wall thicknesses provide added protection; thinner zones permit greater flexibility. The matrix height that can be chosen according to the residual limb length prevents lengthwise stretching of the liner.

The 6Y77 Skeo 3D (TT) can be combined with a shuttle lock.

### Technical data

Article number	Size	Residual limb length below the MPT
6Y77=265X75	265 mm (270-290 mm)	75 mm (50-100 mm)
6Y77=180X125	180 mm (185-205 mm)	125 mm (100-150 mm)
6Y77=200X125	200 mm (205-225 mm)	125 mm (100-150 mm)
6Y77=220X125	220 mm (225-245 mm)	125 mm (100-150 mm)
6Y77=235X125	235 mm (240-260 mm)	125 mm (100-150 mm)
6Y77=250X125	250 mm (255-275 mm)	125 mm (100-150 mm)
6Y77=265X125	265 mm (270-290 mm)	125 mm (100-150 mm)
6Y77=280X125	280 mm (285-305 mm)	125 mm (100-150 mm)
6Y77=220X175	220 mm (225-245 mm)	175 mm (150-200 mm)
6Y77=235X175	235 mm (240-260 mm)	175 mm (150-200 mm)
6Y77=250X175	250 mm (255-275 mm)	175 mm (150-200 mm)
6Y77=265X175	265 mm (270-290 mm)	175 mm (150-200 mm)
6Y77=280X175	280 mm (285-305 mm)	175 mm (150-200 mm)
6Y77=300X175	300 mm (305-325 mm)	175 mm (150-200 mm)
6Y77=320X175	320 mm (325-345 mm)	175 mm (150-200 mm)
<b>Amputation level</b>	Transtibial amputation	
<b>Material</b>	Silicone	
<b>Connection</b>	With distal connection	
<b>Distal cushion</b>	16 mm	
<b>Wall thickness</b>	7 mm build-ups at the tibial crest and fibular head, from 4 mm distally, tapering to 3 mm proximally	
<b>Textile cover</b>	with	
<b>Colour</b>	Light grey	
<b>Exterior coating</b>	without	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	depending on residual limb length	
<b>Skinguard</b>	without	

### Scope of delivery

6Y77	Skeo 3D
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

- Measure the length from the MPT to the end of the residual limb to determine the residual limb length.
- Measure the circumference 40 mm above the end of the residual limb to determine the residual limb circumference.
- Select the article number in the table according to the measurements taken.



**Scope of delivery**

6Y78	Skeo 3D
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y78 Skeo 3D

The Skeo 3D lower leg liner with Skinguard antibacterial additive adapts to the anatomy of the residual limb: greater wall thicknesses provide added protection, thinner zones permit greater flexibility. The matrix height that can be chosen according to the residual limb length prevents lengthwise stretching of the liner.

The 6Y78 Skeo 3D (TT) can be combined with a shuttle lock.

**Technical data**

Article number	Size	Residual limb length below the MPT
6Y78=265X75	265 mm (270-290 mm)	75 mm (50-100 mm)
6Y78=180X125	180 mm (185-205 mm)	125 mm (100-150 mm)
6Y78=200X125	200 mm (205-225 mm)	125 mm (100-150 mm)
6Y78=220X125	220 mm (225-245 mm)	125 mm (100-150 mm)
6Y78=235X125	235 mm (240-260 mm)	125 mm (100-150 mm)
6Y78=250X125	250 mm (255-275 mm)	125 mm (100-150 mm)
6Y78=265X125	265 mm (270-290 mm)	125 mm (100-150 mm)
6Y78=280X125	280 mm (285-305 mm)	125 mm (100-150 mm)
6Y78=220X175	220 mm (225-245 mm)	175 mm (150-200 mm)
6Y78=235X175	235 mm (240-260 mm)	175 mm (150-200 mm)
6Y78=250X175	250 mm (255-275 mm)	175 mm (150-200 mm)
6Y78=265X175	265 mm (270-290 mm)	175 mm (150-200 mm)
6Y78=280X175	280 mm (285-305 mm)	175 mm (150-200 mm)
6Y78=300X175	300 mm (305-325 mm)	175 mm (150-200 mm)
6Y78=320X175	320 mm (325-345 mm)	175 mm (150-200 mm)
<b>Amputation level</b>	Trans tibial amputation	
<b>Material</b>	Silicone	
<b>Connection</b>	With distal connection	
<b>Distal cushion</b>	16 mm	
<b>Wall thickness</b>	7 mm build-ups at the tibial crest and fibular head, from 4 mm distally, tapering to 3 mm proximally	
<b>Textile cover</b>	with	
<b>Colour</b>	Light grey	
<b>Exterior coating</b>	without	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	depending on residual limb length	
<b>Skinguard</b>	with	



## 6Y112 Skeo Sealing TT

The 6Y112 Skeo Sealing TT liner offers trans tibial amputees a high level of comfort. The sealing ring reliably retains the vacuum in the socket. Its silky-smooth surface with no textile cover simplifies cleaning and putting on and taking off the prosthesis.

**Technical data**

Article number	Circumference	Ring height
6Y112=160X80	160 mm	8 cm
6Y112=180X80	180 mm	8 cm
6Y112=200X80	200 mm	8 cm
6Y112=210X80	210 mm	8 cm
6Y112=220X80	220 mm	8 cm
6Y112=235X80	235 mm	8 cm
6Y112=250X80	250 mm	8 cm
6Y112=265X80	265 mm	8 cm
6Y112=280X80	280 mm	8 cm
6Y112=300X80	300 mm	8 cm
6Y112=320X80	320 mm	8 cm
6Y112=340X90	340 mm	9 cm
6Y112=360X90	360 mm	9 cm
6Y112=380X90	380 mm	9 cm
6Y112=400X90	400 mm	9 cm

**Scope of delivery**

6Y90	Caleo
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y90 Caleo

The Caleo lower leg liner is made of an elastic and mouldable material that can be adapted to the individual residual limb shape. Prosthesis wearers appreciate the way these characteristics reduce friction to a minimum.

The 6Y90 Caleo (TT) can be combined with a shuttle lock.

**Technical data**

Article number	Size
6Y90=200	200 mm
6Y90=250	250 mm
6Y90=280	280 mm
6Y90=320	320 mm
6Y90=360	360 mm
<b>Amputation level</b>	Transtibial amputation
<b>Material</b>	Copolymer
<b>Connection</b>	with distal connection and 10 cm distal matrix
<b>Distal cushion</b>	18 mm
<b>Wall thickness</b>	10 mm thick distal cushion pad; wall thickness tapering from 5.5 mm to 2.5 mm proximal
<b>Textile cover</b>	with
<b>Colour</b>	Olive
<b>Exterior coating</b>	without
<b>Socket design</b>	Specific or total surface weight-bearing socket
<b>Matrix</b>	10 cm length
<b>Skinguard</b>	without

**Scope of delivery**

6Y92	Caleo
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y92 Caleo

The Caleo lower leg liner is made of an elastic and mouldable material that can be adapted to the individual residual limb shape. Prosthesis wearers appreciate the way these characteristics reduce friction to a minimum.

The 6Y92 Caleo (TT) can be combined with a valve.

**Technical data**

Article number	Size
6Y92=200	200 mm
6Y92=250	250 mm
6Y92=280	280 mm
6Y92=320	320 mm
6Y92=360	360 mm
<b>Amputation level</b>	Transtibial amputation
<b>Material</b>	Copolymer
<b>Connection</b>	without distal connection
<b>Distal cushion</b>	13 mm
<b>Wall thickness</b>	10 mm thick distal cushion pad; wall thickness tapering from 5.5 mm to 2.5 mm proximal
<b>Textile cover</b>	with
<b>Colour</b>	Olive
<b>Exterior coating</b>	without
<b>Socket design</b>	Specific or total surface weight-bearing socket
<b>Matrix</b>	without
<b>Skinguard</b>	without



## 6Y93 Caleo 3D

The fit of the Caleo 3D is based on the anatomy of the lower leg. Greater wall thicknesses in the front protect sensitive and bony structures, while reduced wall thicknesses at the rear offer increased flexibility for the knee.

The 6Y93=C Caleo 3D (TT) can be combined with a valve.

The 6Y93=L Caleo 3D (TT) can be combined with a shuttle lock.



### Scope of delivery

6Y93	Caleo 3D
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Connection	Distal cushion
6Y93=C6-S	S (150-260 mm)	Without distal connection	7.5 mm
6Y93=C6-M	M (180-310 mm)	Without distal connection	7.5 mm
6Y93=C6-MP	MP (200-310 mm)	Without distal connection	7.5 mm
6Y93=C6-L	L (230-350 mm)	Without distal connection	7.5 mm
6Y93=C6-LP	LP (280-430 mm)	Without distal connection	7.5 mm
6Y93=C6-XL	XL (330-500 mm)	Without distal connection	7.5 mm
6Y93=L6-S	S (150-260 mm)	With distal connection	16 mm
6Y93=L6-M	M (180-310 mm)	With distal connection	16 mm
6Y93=L6-MP	MP (200-310 mm)	With distal connection	16 mm
6Y93=L6-L	L (230-350 mm)	With distal connection	16 mm
6Y93=L6-LP	LP (280-430 mm)	With distal connection	16 mm
6Y93=L6-XL	XL (330-500 mm)	With distal connection	16 mm
<b>Amputation level</b>	Transtibial amputation		
<b>Material</b>	Copolymer		
<b>Wall thickness</b>	3 mm posterior and 6 mm anterior		
<b>Textile cover</b>	with		
<b>Colour</b>	Olive		
<b>Exterior coating</b>	without		
<b>Socket design</b>	Specific or total surface weight-bearing socket		
<b>Matrix</b>	without		
<b>Skinguard</b>	without		

**Scope of delivery**

6Y93F	Caleo 3D
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y93F Caleo 3D

The fit of the 6Y93F Caleo 3D in the longer version (50 cm) is based on the anatomy of the lower leg and is particularly well suited for Symes and knee disarticulation amputees. Greater wall thicknesses in the front protect sensitive and bony structures, while reduced wall thicknesses at the rear offer increased flexibility for the knee.

The 6Y93F=C Caleo 3D (TT) can be combined with a valve.

The 6Y93F=L Caleo 3D (TT) can be combined with a shuttle lock.

**Technical data**

Article number	Size	Connection	Distal cushion
6Y93F=C6-S	S (150-260 mm)	Without distal connection	13 mm
6Y93F=C6-M	M (180-310 mm)	Without distal connection	13 mm
6Y93F=C6-MP	MP (200-310 mm)	Without distal connection	13 mm
6Y93F=C6-L	L (230-350 mm)	Without distal connection	13 mm
6Y93F=C6-LP	LP (280-430 mm)	Without distal connection	13 mm
6Y93F=C6-XL	XL (330-500 mm)	Without distal connection	13 mm
6Y93F=L6-S	S (150-260 mm)	With distal connection	21 mm
6Y93F=L6-M	M (180-310 mm)	With distal connection	21 mm
6Y93F=L6-MP	MP (200-310 mm)	With distal connection	21 mm
6Y93F=L6-L	L (230-350 mm)	With distal connection	21 mm
6Y93F=L6-LP	LP (280-430 mm)	With distal connection	21 mm
6Y93F=L6-XL	XL (330-500 mm)	With distal connection	21 mm
<b>Amputation level</b>	Transtibial amputation		
<b>Material</b>	Copolymer		
<b>Wall thickness</b>	From 6 mm distally, tapering to 3 mm proximally		
<b>Textile cover</b>	with		
<b>Colour</b>	Olive		
<b>Exterior coating</b>	without		
<b>Socket design</b>	Specific or total surface weight-bearing socket		
<b>Matrix</b>	without		
<b>Skinguard</b>	without		

**Scope of delivery**

6Y95	Caleo 3D
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y95 Caleo 3D

The Caleo 3D features a fit based on the anatomy of the body. The material characteristics in the knee area make flexion particularly easy and reduce pressure on the patella.

The 6Y95=C Caleo 3D (TT) can be combined with a valve.

The 6Y95=L Caleo 3D (TT) can be combined with a shuttle lock.

**Technical data**

Article number	Size	Connection	Distal cushion
6Y95=C6-S	S (150-260 mm)	Without distal connection	7.5 mm
6Y95=C6-M	M (180-310 mm)	Without distal connection	7.5 mm mm
6Y95=C6-MP	MP (200-310 mm)	Without distal connection	7.5 mm
6Y95=C6-L	L (230-350 mm)	Without distal connection	7.5 mm
6Y95=C6-LP	LP (280-430 mm)	Without distal connection	7.5 mm
6Y95=C6-XL	XL (330-500 mm)	Without distal connection	7.5 mm
6Y95=L6-S	S (150-260 mm)	With distal connection	16 mm
6Y95=L6-M	M (180-310 mm)	With distal connection	16 mm
6Y95=L6-MP	MP (200-310 mm)	With distal connection	16 mm
6Y95=L6-L	L (230-350 mm)	With distal connection	16 mm
6Y95=L6-LP	LP (280-430 mm)	With distal connection	16 mm
6Y95=L6-XL	XL (330-500 mm)	With distal connection	16 mm
<b>Amputation level</b>	Transtibial amputation		
<b>Material</b>	Copolymer		
<b>Wall thickness</b>	6 mm anterior, 3 mm posterior		
<b>Textile cover</b>	with		
<b>Colour</b>	Olive		
<b>Exterior coating</b>	without		
<b>Socket design</b>	Specific or total surface weight-bearing socket		
<b>Matrix</b>	without		
<b>Skinguard</b>	without		



## 6Y94 Dynamic Vacuum System liner

Developed especially for the Dynamic Vacuum System, the DVS copolymer liner establishes a direct connection to the vacuum pump. A magnetic coupling between the liner's distal connection and pump piston ensures the required hold. The liner also nourishes the skin with the controlled release of medical white oil.

### Scope of delivery

6Y94	Dynamic Vacuum System liner
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Textile cover
6Y94=S	S (150-260 mm)	With full textile
6Y94=M	M (180-310 mm)	With full textile
6Y94=MP	MP (200-310 mm)	With full textile
6Y94=L	L (230-350 mm)	With full textile
6Y94=LP	LP (280-430 mm)	With full textile
6Y94=XL	XL (330-500 mm)	With full textile
6Y94=S-F	S (150-260 mm)	With partial textile
6Y94=M-F	M (180-310 mm)	With partial textile
6Y94=MP-F	MP (200-310 mm)	With partial textile
6Y94=L-F	L (230-350 mm)	With partial textile
6Y94=LP-F	LP (280-430 mm)	With partial textile
6Y94=XL-F	XL (330-500 mm)	With partial textile
<b>Amputation level</b>	Transtibial amputation	
<b>Material</b>	Copolymer	
<b>Connection</b>	With connection for the Dynamic Vacuum System DVS	
<b>Wall thickness</b>	From 6 mm distally, tapering to 3 mm proximally	
<b>Textile cover</b>	With full textile	
<b>Colour</b>	Olive	
<b>Exterior coating</b>	without	
<b>Socket design</b>	Specific or total surface weight-bearing socket	
<b>Matrix</b>	without	



## 6Y60 Uneo

The Uneo lower leg liner is made of a soft, yielding material that “flows” to encompass the residual limb. A distal cushion provides additional padding so that pressure points are prevented.

The 6Y60 Uneo (TT) can be combined with a shuttle lock.

### Scope of delivery

6Y60	Uneo
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size
6Y60=160	160 mm
6Y60=180	180 mm
6Y60=200	200 mm
6Y60=210	210 mm
6Y60=220	220 mm
6Y60=235	235 mm
6Y60=250	250 mm
6Y60=265	265 mm
6Y60=280	280 mm
6Y60=300	300 mm
6Y60=320	320 mm
6Y60=340	340 mm
6Y60=360	360 mm
6Y60=380	380 mm
6Y60=400	400 mm
<b>Amputation level</b>	Transtibial amputation
<b>Material</b>	Polyurethane
<b>Connection</b>	with distal connection
<b>Distal cushion</b>	10 mm
<b>Wall thickness</b>	from approx. 4.5 mm distally, tapering to 2.5 mm proximally
<b>Textile cover</b>	with
<b>Colour</b>	Beige
<b>Exterior coating</b>	without
<b>Socket design</b>	Specific or total surface weight-bearing socket
<b>Matrix</b>	without
<b>Skinguard</b>	without



**Scope of delivery**

6Y510	Uneo Flex
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**Information material**

647G1144=ALL_INT	Instructions for use   Liner
647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y510 Uneo Flex

The yielding Uneo Flex is pre-flexed in the area of the knee. This fit makes it easier to bend the knee and prevents bunching of excess material in the hollow of the knee.

The 6Y510 Uneo Flex (TT) can be combined with a valve or the Harmony system.

The 6Y510=-5/-9 Uneo Flex (TT) can be combined with a valve.

**Technical data**

Article number	Size	Residual limb length below the MPT	Textile cover	Exterior coating	Colour
6Y510=200X75	200 mm	75 mm (50-100 mm)	without	with	Transparent
6Y510=225X75	225 mm	75 mm (50-100 mm)	without	with	Transparent
6Y510=250X75	250 mm	75 mm (50-100 mm)	without	with	Transparent
6Y510=275X75	275 mm	75 mm (50-100 mm)	without	with	Transparent
6Y510=300X75	300 mm	75 mm (50-100 mm)	without	with	Transparent
6Y510=325X75	325 mm	75 mm (50-100 mm)	without	with	Transparent
6Y510=210X125	210 mm	125 mm (100-150 mm)	without	with	Transparent
6Y510=235X125	235 mm	125 mm (100-150 mm)	without	with	Transparent
6Y510=260X125	260 mm	125 mm (100-150 mm)	without	with	Transparent
6Y510=285X125	285 mm	125 mm (100-150 mm)	without	with	Transparent
6Y510=310X125	310 mm	125 mm (100-150 mm)	without	with	Transparent
6Y510=210X175	210 mm	175 mm (150-200 mm)	without	with	Transparent
6Y510=260X175	260 mm	175 mm (150-200 mm)	without	with	Transparent
6Y510=285X175	285 mm	175 mm (150-200 mm)	without	with	Transparent
6Y510=310X175	310 mm	175 mm (150-200 mm)	without	with	Transparent
6Y510=175X75-5	175 mm	75 mm (50-100 mm)	with	without	Anthracite
6Y510=200X75-5	200 mm	75 mm (50-100 mm)	with	without	Anthracite
6Y510=225X75-5	225 mm	75 mm (50-100 mm)	with	without	Anthracite
6Y510=250X75-5	250 mm	75 mm (50-100 mm)	with	without	Anthracite
6Y510=275X75-5	275 mm	75 mm (50-100 mm)	with	without	Anthracite
6Y510=300X75-5	300 mm	75 mm (50-100 mm)	with	without	Anthracite
6Y510=325X75-5	325 mm	75 mm (50-100 mm)	with	without	Anthracite
6Y510=175X75-9	175 mm	75 mm (50-100 mm)	with	without	Beige
6Y510=200X75-9	200 mm	75 mm (50-100 mm)	with	without	Beige
6Y510=225X75-9	225 mm	75 mm (50-100 mm)	with	without	Beige
6Y510=250X75-9	250 mm	75 mm (50-100 mm)	with	without	Beige
6Y510=275X75-9	275 mm	75 mm (50-100 mm)	with	without	Beige
6Y510=300X75-9	300 mm	75 mm (50-100 mm)	with	without	Beige
6Y510=325X75-9	325 mm	75 mm (50-100 mm)	with	without	Beige
6Y510=210X125-5	210 mm	125 mm (100-150 mm)	with	without	Anthracite
6Y510=235X125-5	235 mm	125 mm (100-150 mm)	with	without	Anthracite
6Y510=260X125-5	260 mm	125 mm (100-150 mm)	with	without	Anthracite
6Y510=285X125-5	285 mm	125 mm (100-150 mm)	with	without	Anthracite
6Y510=310X125-5	310 mm	125 mm (100-150 mm)	with	without	Anthracite
6Y510=210X125-9	210 mm	125 mm (100-150 mm)	with	without	Beige
6Y510=235X125-9	235 mm	125 mm (100-150 mm)	with	without	Beige
6Y510=260X125-9	260 mm	125 mm (100-150 mm)	with	without	Beige
6Y510=285X125-9	285 mm	125 mm (100-150 mm)	with	without	Beige
6Y510=310X125-9	310 mm	125 mm (100-150 mm)	with	without	Beige
6Y510=210X175-5	210 mm	175 mm (150-200 mm)	with	without	Anthracite
6Y510=235X175-5	235 mm	175 mm (150-200 mm)	with	without	Anthracite
6Y510=260X175-5	260 mm	175 mm (150-200 mm)	with	without	Anthracite
6Y510=285X175-5	285 mm	175 mm (150-200 mm)	with	without	Anthracite
6Y510=310X175-5	310 mm	175 mm (150-200 mm)	with	without	Anthracite
6Y510=210X175-9	210 mm	175 mm (150-200 mm)	with	without	Beige
6Y510=235X175-9	235 mm	175 mm (150-200 mm)	with	without	Beige
6Y510=260X175-9	260 mm	175 mm (150-200 mm)	with	without	Beige
6Y510=285X175-9	285 mm	175 mm (150-200 mm)	with	without	Beige
6Y510=310X175-9	310 mm	175 mm (150-200 mm)	with	without	Beige
<b>Amputation level</b>	Transtibial amputation				
<b>Material</b>	Polyurethane				
<b>Connection</b>	without distal connection				
<b>Distal cushion</b>	15 mm				
<b>Wall thickness</b>	approx. 6 mm to knee centre, tapering to 3 mm from knee centre				
<b>Socket design</b>	Total surface weight-bearing socket				
<b>Matrix</b>	without				
<b>Skinguard</b>	without				



## 6Y520 Uneo / Uneo Pure

The 6Y520=-5/-9 Uneo is made of a soft, yielding material that “flows” to encompass the residual limb. A distal cushion provides padding so that pressure points are prevented. The transparent 6Y520 Uneo Pure makes it possible to visually check the fit and skin condition.

The 6Y520=-5/9 Uneo (TT) can be combined with a valve or the Harmony system.

### Scope of delivery

6Y520	Uneo / Uneo Pure
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### Information material

647G1144=ALL_INT	Instructions for use   Liner
647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Textile cover	Colour	Exterior coating
6Y520=190	190 mm	without	Transparent	with
6Y520=230	230 mm	without	Transparent	with
6Y520=290	290 mm	without	Transparent	with
6Y520=330	330 mm	without	Transparent	with
6Y520=400	400 mm	without	Transparent	with
6Y520=190-5	190 mm	with	Anthracite	without
6Y520=230-5	230 mm	with	Anthracite	without
6Y520=290-5	290 mm	with	Anthracite	without
6Y520=330-5	330 mm	with	Anthracite	without
6Y520=400-5	400 mm	with	Anthracite	without
6Y520=190-9	190 mm	with	Beige	without
6Y520=230-9	230 mm	with	Beige	without
6Y520=290-9	290 mm	with	Beige	without
6Y520=330-9	330 mm	with	Beige	without
6Y520=400-9	400 mm	with	Beige	without
<b>Amputation level</b>	Transtibial amputation			
<b>Material</b>	Polyurethane			
<b>Connection</b>	Without distal connection			
<b>Distal cushion</b>	15 mm			
<b>Wall thickness</b>	6 mm			
<b>Socket design</b>	Total surface weight-bearing socket			
<b>Matrix</b>	without			
<b>Skinguard</b>	without			



## 6Y522 Uneo Pure / Uneo Skinguard

The 6Y522 Uneo Pure makes it possible to visually check the fit and skin condition. The exterior is easy to clean, dries quickly and makes it simple to put on and take off the prosthesis. The 6Y522=\*-G Uneo Skinguard contains an antibacterial additive that reduces the growth of odour-forming bacteria by 99.9 per cent.

The 6Y522 Uneo Pure and 6Y522=\*-G Uneo Skinguard can be combined with a valve or the Harmony system.

### Scope of delivery

6Y522	Uneo Pure / Uneo Skinguard
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### Information material

647G1144=ALL_INT	Instructions for use   Liner
647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Skinguard
6Y522=190	190 mm	without
6Y522=210	210 mm	without
6Y522=230	230 mm	without
6Y522=250	250 mm	without
6Y522=290	290 mm	without
6Y522=310	310 mm	without
6Y522=190-G	190 mm	with
6Y522=210-G	210 mm	with
6Y522=230-G	230 mm	with
6Y522=250-G	250 mm	with
6Y522=290-G	290 mm	with
6Y522=310-G	310 mm	with
<b>Amputation level</b>	Transtibial amputation	
<b>Material</b>	Polyurethane	
<b>Connection</b>	without distal connection	
<b>Distal cushion</b>	15 mm	
<b>Wall thickness</b>	6 mm wall thickness up to 10 cm distal, tapering to 3 mm wall thickness proximal	
<b>Textile cover</b>	without	
<b>Colour</b>	Transparent	
<b>Exterior coating</b>	with	
<b>Socket design</b>	Total surface weight-bearing socket	
<b>Matrix</b>	without	



## 6Y523 Uneo / Uneo Skinguard

The 6Y523 Uneo is made of a soft, yielding material that “flows” to encompass the residual limb. A distal cushion provides padding so that pressure points are prevented. The 6Y523=\*-G Uneo Skinguard contains an antibacterial additive that reduces the growth of odour-forming bacteria by 99.9 per cent.

The 6Y523 Uneo and 6Y523=\*-G Uneo Skinguard can be combined with a valve or the Harmony system.

### Scope of delivery

6Y523	Uneo / Uneo Skinguard
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### Information material

647G1144=ALL_INT	Instructions for use   Liner
647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Skinguard
6Y523=190	190 mm	without
6Y523=210	210 mm	without
6Y523=230	230 mm	without
6Y523=250	250 mm	without
6Y523=290€	290 mm	without
6Y523=310	310 mm	without
6Y523=190-G	190 mm	with
6Y523=210-G	210 mm	with
6Y523=230-G	230 mm	with
6Y523=250-G	250 mm	with
6Y523=290-G	290 mm	with
6Y523=310-G	310 mm	with
<b>Amputation level</b>	Transtibial amputation	
<b>Material</b>	Polyurethane	
<b>Connection</b>	without distal connection	
<b>Distal cushion</b>	15 mm	
<b>Wall thickness</b>	6 mm wall thickness up to 10 cm distal, tapering to 3 mm wall thickness proximal	
<b>Textile cover</b>	with	
<b>Colour</b>	Anthracite	
<b>Exterior coating</b>	without	
<b>Socket design</b>	Total surface weight-bearing socket	
<b>Matrix</b>	without	



## 6Y512 Uneo Fresh

A scent that lasts for the liner's daily duration of use is integrated into the material of the Uneo Fresh. The special geometry with varying wall thicknesses – according to the anatomy in the respective area of the residual limb – protects sensitive areas and increases knee mobility.

The 6Y512=\*-P Uneo Fresh can be combined with a valve or the Harmony system.

### Scope of delivery

6Y512	Uneo Fresh
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### Information material

647G1144=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Residual limb length below the MPT	Textile cover	Colour
6Y512=250X75-P	250 mm (255-275 mm)	75 mm (50-100 mm)	without	Transparent
6Y512=210X125-P	210 mm (215-235 mm)	125 mm (100-150 mm)	without	Transparent
6Y512=235X125-P	235 mm (240-265 mm)	125 mm (100-150 mm)	without	Transparent
6Y512=265X125-P	265 mm (260-280 mm)	125 mm (100-150 mm)	without	Transparent
6Y512=280X125-P	280 mm (285-310 mm)	125 mm (100-150 mm)	without	Transparent
6Y512=300X125-P	300 mm (310-335 mm)	125 mm (100-150 mm)	without	Transparent
6Y512=210X175-P	210 mm (215-235 mm)	175 mm (150-200 mm)	without	Transparent
6Y512=235X175-P	235 mm (240-265 mm)	175 mm (150-200 mm)	without	Transparent
6Y512=265X175-P	265 mm (260-280 mm)	175 mm (150-200 mm)	without	Transparent
6Y512=280X175-P	280 mm (285-310 mm)	175 mm (150-200 mm)	without	Transparent
6Y512=300X175-P	300 mm (310-335 mm)	175 mm (150-200 mm)	without	Transparent
6Y512=250X75-F-P	250 mm (255-275 mm)	75 mm (50-100 mm)	with	Anthracite
6Y512=210X125-F-P	210 mm (215-235 mm)	125 mm (100-150 mm)	with	Anthracite
6Y512=235X125-F-P	235 mm (240-265 mm)	125 mm (100-150 mm)	with	Anthracite
6Y512=265X125-F-P	265 mm (260-280 mm)	125 mm (100-150 mm)	with	Anthracite
6Y512=280X125-F-P	280 mm (285-310 mm)	125 mm (100-150 mm)	with	Anthracite
6Y512=300X125-F-P	300 mm (310-335 mm)	125 mm (100-150 mm)	with	Anthracite
6Y512=210X175-F-P	210 mm (215-235 mm)	175 mm (150-200 mm)	with	Anthracite
6Y512=235X175-F-P	235 mm (240-265 mm)	175 mm (150-200 mm)	with	Anthracite
6Y512=265X175-F-P	265 mm (260-280 mm)	175 mm (150-200 mm)	with	Anthracite
6Y512=280X175-F-P	280 mm (285-310 mm)	175 mm (150-200 mm)	with	Anthracite
6Y512=300X175-F-P	300 mm (310-335 mm)	175 mm (150-200 mm)	with	Anthracite
<b>Amputation level</b>	Transtibial amputation			
<b>Material</b>	Polyurethane			
<b>Connection</b>	Without distal connection			
<b>Distal cushion</b>	15 mm			
<b>Wall thickness</b>	9 mm build-ups at the tibial crest and fibular head, from 6 mm distally, tapering to 3 mm proximally			
<b>Exterior coating</b>	with			
<b>Socket design</b>	Total surface weight-bearing socket			
<b>Matrix</b>	without			
<b>Skinguard</b>	without			



## 6Y512 Uneo 3D

The Uneo 3D is precisely adapted to the anatomy of the residual limb. Sensitive areas such as the edge of the shin and head of the fibula are protected by greater wall thicknesses. Reduced wall thicknesses at the rear on the other hand improve knee mobility.

The 6Y512 Uneo 3D (TT) can be combined with a valve or the Harmony system.

### Scope of delivery

6Y512	Uneo 3D
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### Information material

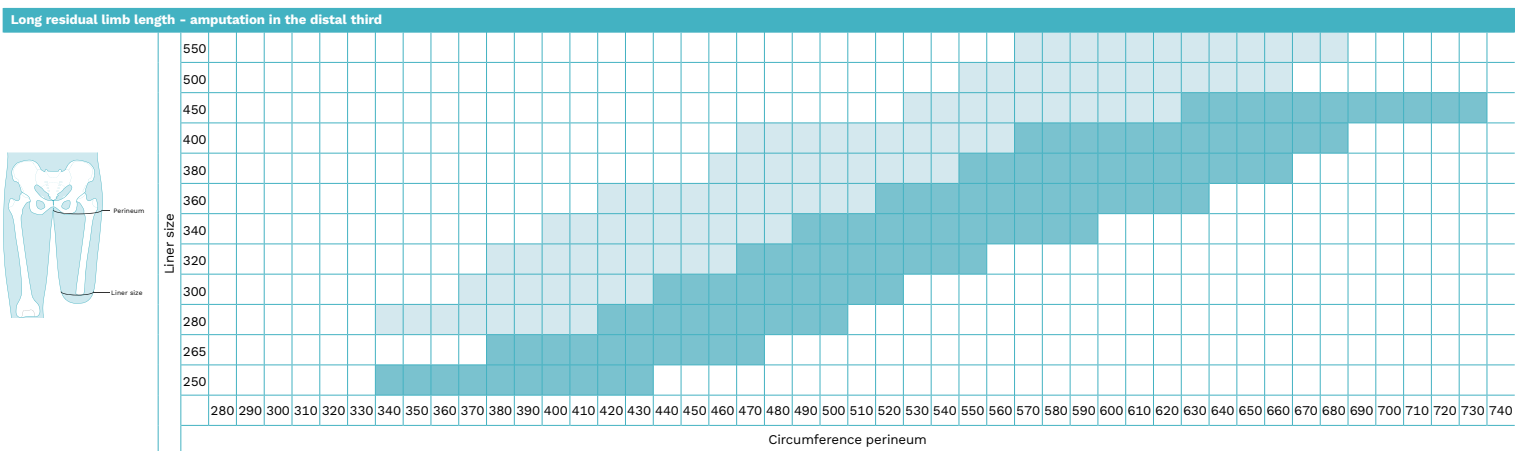
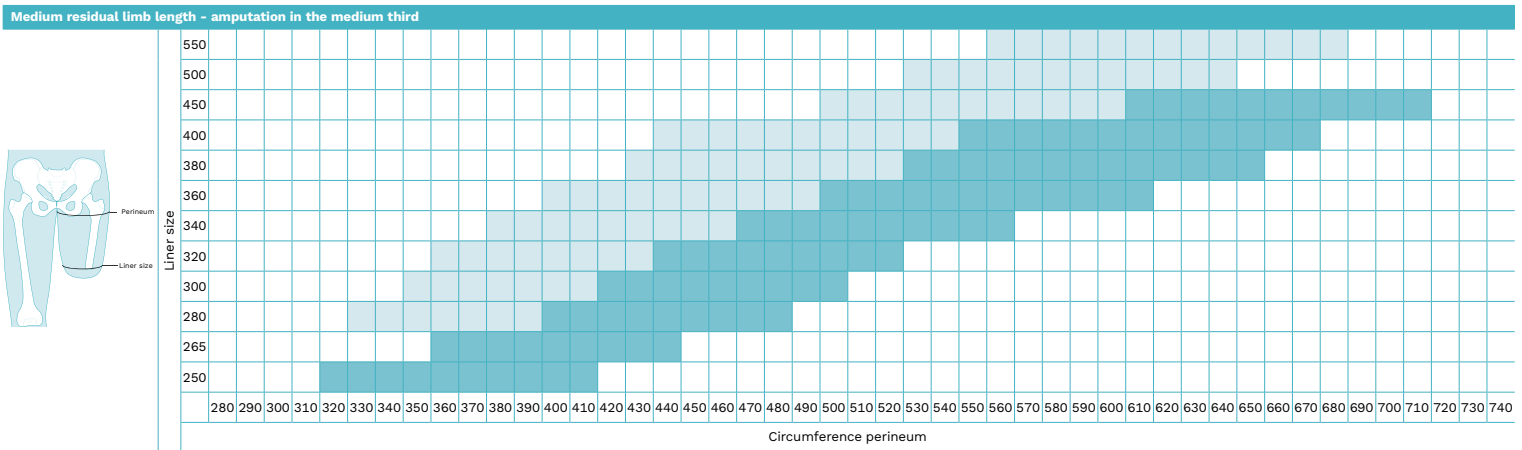
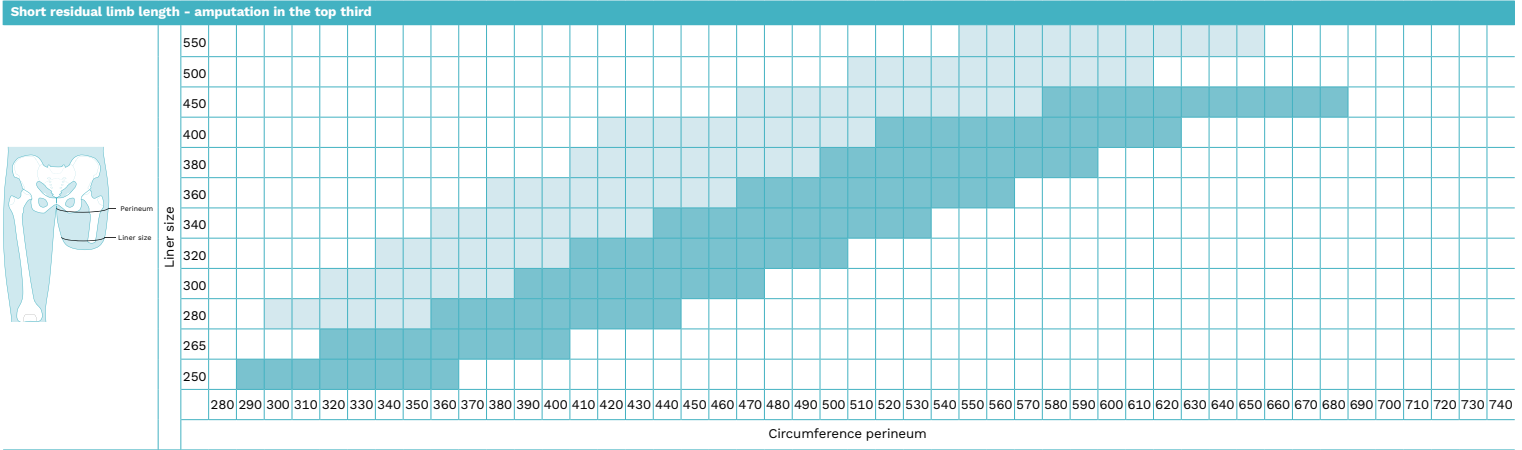
647G1144=ALL_INT	Instructions for use   Liner
647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Residual limb length below the MPT	Skin-guard	Textile cover	Colour
6Y512=250X75-G	250 mm (255-275 mm)	75 mm (50-100 mm)	with	without	Transparent
6Y512=210X125-G	210 mm (215-235 mm)	125 mm (100-150 mm)	with	without	Transparent
6Y512=235X125-G	235 mm (240-265 mm)	125 mm (100-150 mm)	with	without	Transparent
6Y512=265X125-G	265 mm (260-280 mm)	125 mm (100-150 mm)	with	without	Transparent
6Y512=280X125-G	280 mm (285-310 mm)	125 mm (100-150 mm)	with	without	Transparent
6Y512=300X125-G	300 mm (310-335 mm)	125 mm (100-150 mm)	with	without	Transparent
6Y512=210X175-G	210 mm (215-235 mm)	175 mm (150-200 mm)	with	without	Transparent
6Y512=235X175-G	235 mm (240-265 mm)	175 mm (150-200 mm)	with	without	Transparent
6Y512=265X175-G	265 mm (260-280 mm)	175 mm (150-200 mm)	with	without	Transparent
6Y512=280X175-G	280 mm (285-310 mm)	175 mm (150-200 mm)	with	without	Transparent
6Y512=300X175-G	300 mm (310-335 mm)	175 mm (150-200 mm)	with	without	Transparent
6Y512=250X75-F-G	250 mm (255-275 mm)	75 mm (50-100 mm)	with		Anthracite
6Y512=210X125-F-G	210 mm (215-235 mm)	125 mm (100-150 mm)	with		Anthracite
6Y512=235X125-F-G	235 mm (240-265 mm)	125 mm (100-150 mm)	with		Anthracite
6Y512=265X125-F-G	265 mm (260-280 mm)	125 mm (100-150 mm)	with		Anthracite
6Y512=280X125-F-G	280 mm (285-310 mm)	125 mm (100-150 mm)	with		Anthracite
6Y512=300X125-F-G	300 mm (310-335 mm)	125 mm (100-150 mm)	with		Anthracite
6Y512=210X175-F-G	210 mm (215-235 mm)	175 mm (150-200 mm)	with		Anthracite
6Y512=235X175-F-G	235 mm (240-265 mm)	175 mm (150-200 mm)	with		Anthracite
6Y512=265X175-F-G	265 mm (260-280 mm)	175 mm (150-200 mm)	with		Anthracite
6Y512=280X175-F-G	280 mm (285-310 mm)	175 mm (150-200 mm)	with		Anthracite
6Y512=300X175-F-G	300 mm (310-335 mm)	175 mm (150-200 mm)	with		Anthracite
6Y512=250X75	250 mm (255-275 mm)	75 mm (50-100 mm)	without		Transparent
6Y512=210X125	210 mm (215-235 mm)	125 mm (100-150 mm)	without		Transparent
6Y512=235X125	235 mm (240-265 mm)	125 mm (100-150 mm)	without		Transparent
6Y512=265X125	265 mm (260-280 mm)	125 mm (100-150 mm)	without		Transparent
6Y512=280X125	280 mm (285-310 mm)	125 mm (100-150 mm)	without		Transparent
6Y512=300X125	300 mm (310-335 mm)	125 mm (100-150 mm)	without		Transparent
6Y512=210X175	210 mm (215-235 mm)	175 mm (150-200 mm)	without		Transparent
6Y512=235X175	235 mm (240-265 mm)	175 mm (150-200 mm)	without		Transparent
6Y512=265X175	265 mm (260-280 mm)	175 mm (150-200 mm)	without		Transparent
6Y512=280X175	280 mm (285-310 mm)	175 mm (150-200 mm)	without		Transparent
6Y512=300X175	300 mm (310-335 mm)	175 mm (150-200 mm)	without		Transparent
6Y512=250X75-F	250 mm (255-275 mm)	75 mm (50-100 mm)	without	with	Anthracite
6Y512=210X125-F	210 mm (215-235 mm)	125 mm (100-150 mm)	without	with	Anthracite
6Y512=235X125-F	235 mm (240-265 mm)	125 mm (100-150 mm)	without	with	Anthracite
6Y512=265X125-F	265 mm (260-280 mm)	125 mm (100-150 mm)	without	with	Anthracite
6Y512=280X125-F	280 mm (285-310 mm)	125 mm (100-150 mm)	without	with	Anthracite
6Y512=300X125-F	300 mm (310-335 mm)	125 mm (100-150 mm)	without	with	Anthracite
6Y512=210X175-F	210 mm (215-235 mm)	175 mm (150-200 mm)	without	with	Anthracite
6Y512=235X175-F	235 mm (240-265 mm)	175 mm (150-200 mm)	without	with	Anthracite
6Y512=265X175-F	265 mm (260-280 mm)	175 mm (150-200 mm)	without	with	Anthracite
6Y512=280X175-F	280 mm (285-310 mm)	175 mm (150-200 mm)	without	with	Anthracite
6Y512=300X175-F	300 mm (310-335 mm)	175 mm (150-200 mm)	without	with	Anthracite
<b>Amputation level</b>	Trans tibial amputation				
<b>Material</b>	Polyurethane				
<b>Connection</b>	Without distal connection				
<b>Distal cushion</b>	15 mm				
<b>Wall thickness</b>	9 mm build-ups at the tibial crest and fibular head, from 6 mm distally, tapering to 3 mm proximally				
<b>Exterior coating</b>	without				
<b>Socket design</b>	Total surface weight-bearing socket				
<b>Matrix</b>	without				

# Selection chart for TF liners.

Standard 3D



**Scope of delivery**

6Y80	Skeo
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y80 Skeo

The liner's continuous matrix reduces lengthwise stretching. It gives the user good control over the prosthesis with a high level of safety. At the same time, the Skeo thigh liner easily adapts to slight fluctuations in volume thanks to its transverse elasticity.

The 6Y80 Skeo (TF) can be combined with a shuttle lock or the KISS lanyard system.

**Technical data**

Article number	Size
6Y80=280	280 mm
6Y80=300	300 mm
6Y80=320	320 mm
6Y80=340	340 mm
6Y80=360	360 mm
6Y80=380	380 mm
6Y80=400	400 mm
6Y80=420	420 mm
6Y80=450	450 mm
6Y80=500	500 mm
6Y80=550	550 mm

<b>Amputation level</b>	Transfemoral amputation
<b>Material</b>	Silicone
<b>Connection</b>	with distal connection
<b>Distal cushion</b>	14,5 mm
<b>Wall thickness</b>	from approx. 4.5 mm distally, tapering to 2.5 mm proximally
<b>Textile cover</b>	with
<b>Colour</b>	Light grey
<b>Exterior coating</b>	without
<b>Socket design</b>	Specific weight-bearing socket
<b>Matrix</b>	Continuous matrix
<b>Skinguard</b>	without

**Scope of delivery**

6Y85	Skeo Skinguard
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y85 Skeo Skinguard

The Skeo Skinguard thigh liner contains an antibacterial additive that reduces the growth of bacteria due to perspiration by 99.9 per cent. A continuous matrix reduces lengthwise stretching of the liner.

The 6Y85 Skeo Skinguard (TF) can be combined with a shuttle lock or the KISS lanyard system.

**Technical data**

Article number	Size
6Y85=280	280 mm
6Y85=300	300 mm
6Y85=320	320 mm
6Y85=340	340 mm
6Y85=360	360 mm
6Y85=380	380 mm
6Y85=400	400 mm
6Y85=420	420 mm
6Y85=450	450 mm
6Y85=500	500 mm
6Y85=550	550 mm

<b>Amputation level</b>	Transfemoral amputation
<b>Material</b>	Silicone
<b>Connection</b>	with distal connection
<b>Distal cushion</b>	14,5 mm
<b>Wall thickness</b>	from approx. 4.5 mm distally, tapering to 2.5 mm proximally
<b>Textile cover</b>	with
<b>Colour</b>	Light grey
<b>Exterior coating</b>	without
<b>Socket design</b>	Specific weight-bearing socket
<b>Matrix</b>	Continuous matrix
<b>Skinguard</b>	with



**Scope of delivery**

6Y87	Skeo 3D
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y87 Skeo 3D

The Skeo 3D thigh liner tapers conically in the distal region so even sensitive soft tissue is enveloped especially gently. The top of the liner is cylindrical in shape, reliably enclosing the residual limb. The continuous matrix counteracts lengthwise stretching of the liner.

The 6Y87 Skeo 3D (TF) can be combined with a shuttle lock or the KISS lanyard system.

**Technical data**

Article number	Size
6Y87=250	250 mm
6Y87=265	265 mm
6Y87=280	280 mm
6Y87=300	300 mm
6Y87=320	320 mm
6Y87=340	340 mm
6Y87=360	360 mm
6Y87=380	380 mm
6Y87=400	400 mm
6Y87=450	450 mm
<b>Amputation level</b>	
	Transfemoral amputation
<b>Material</b>	
	Silicone
<b>Connection</b>	
	with distal connection
<b>Distal cushion</b>	
	14.5 mm
<b>Wall thickness</b>	
	From 4.5 mm distally, tapering to 2.5 mm proximally
<b>Textile cover</b>	
	with
<b>Colour</b>	
	Light grey
<b>Exterior coating</b>	
	without
<b>Socket design</b>	
	Specific weight-bearing socket
<b>Matrix</b>	
	Continuous matrix
<b>Skinguard</b>	
	without



**Scope of delivery**

6Y88	Skeo 3D
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**Information material**

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

## 6Y88 Skeo 3D

The Skeo 3D thigh liner tapers conically in the distal region so even sensitive soft tissue is enveloped especially gently. The top of the antibacterial liner is cylindrical in shape, reliably enclosing the residual limb. The continuous matrix counteracts lengthwise stretching of the liner.

The 6Y88 Skeo 3D (TF) can be combined with a shuttle lock or the KISS lanyard system.

**Technical data**

Article number	Size
6Y88=250	250 mm
6Y88=265	265 mm
6Y88=280	280 mm
6Y88=300	300 mm
6Y88=320	320 mm
6Y88=340	340 mm
6Y88=360	360 mm
6Y88=380	380 mm
6Y88=400	400 mm
6Y88=450	450 mm
<b>Amputation level</b>	
	Transfemoral amputation
<b>Material</b>	
	Silicone
<b>Connection</b>	
	With distal connection
<b>Distal cushion</b>	
	14.5 mm
<b>Wall thickness</b>	
	From approx. 4.5 mm distally, tapering to 2.5 mm proximally
<b>Textile cover</b>	
	with
<b>Colour</b>	
	Light grey
<b>Exterior coating</b>	
	without
<b>Matrix</b>	
	Continuous matrix
<b>Skinguard</b>	
	with





## 6Y110 Skeo Sealing

Sealed. Done. The durable sealing ring reliably maintains the vacuum in the socket. The silky-smooth surface with no textile cover saves time during cleaning and when putting on and taking off the prosthesis.

The 6Y110 Skeo Sealing (TF) liner can be combined with a valve or the Harmony system.



### Scope of delivery

6Y110	Skeo Sealing
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646H25=ALL_INT	Notes for socket fabrication   Skeo Sealing liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Circumference	Ring height
6Y110=280X10	280 mm	10 cm
6Y110=280X17	280 mm	17 cm
6Y110=300X10	300 mm	10 cm
6Y110=300X17	300 mm	17 cm
6Y110=320X10	320 mm	10 cm
6Y110=320X17	320 mm	17 cm
6Y110=340X10	340 mm	10 cm
6Y110=340X17	340 mm	17 cm
6Y110=360X10	360 mm	10 cm
6Y110=360X17	360 mm	17 cm
6Y110=380X10	380 mm	10 cm
6Y110=380X17	380 mm	17 cm
6Y110=400X10	400 mm	10 cm
6Y110=400X17	400 mm	17 cm
6Y110=450X10	450 mm	10 cm
6Y110=450X17	450 mm	17 cm
6Y110=500X10	500 mm	10 cm
6Y110=500X17	500 mm	17 cm
6Y110=550X10	550 mm	10 cm
6Y110=550X17	550 mm	17 cm
<b>Amputation level</b>	Transfemoral amputation	
<b>Material</b>	Silicone	
<b>Connection</b>	without	
<b>Wall thickness</b>	From approx. 6 mm, tapering to 2.5 mm	
<b>Textile cover</b>	without	
<b>Colour</b>	Light grey	
<b>Exterior coating</b>	with	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	Continuous matrix	
<b>Skinguard</b>	without	

- We recommend the 10 cm ring height (6Y110=\*X10) for residual limbs of medium length and the 17 cm ring height (6Y110=\*X17) for long residual limbs.



**Scope of delivery**

6Y111	Skeo Sealing 3D
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**Information material**

647G1144=ALL_INT	Instructions for use   Liner
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## 6Y111 Skeo Sealing 3D

The Skeo Sealing 3D thigh liner is conical in the distal area and more cylindrical proximally. This ensures that soft tissue is reliably enclosed and not constricted or displaced proximally.

A sealing ring reliably retains the vacuum in the socket.

The Skeo Sealing 3D 6Y111 (TF) can be combined with a valve or the Harmony system.

**Technical data**

Article number	Circumference	Ring height
6Y111=250X10	250 mm	10 cm
6Y111=250X17	250 mm	17 cm
6Y111=265X10	265 mm	10 cm
6Y111=265X17	265 mm	17 cm
6Y111=280X10	280 mm	10 cm
6Y111=280X17	280 mm	17 cm
6Y111=300X10	300 mm	10 cm
6Y111=300X17	300 mm	17 cm
6Y111=320X10	320 mm	10 cm
6Y111=320X17	320 mm	17 cm
6Y111=340X10	340 mm	10 cm
6Y111=340X17	340 mm	17 cm
6Y111=360X10	360 mm	10 cm
6Y111=360X17	360 mm	17 cm
6Y111=380X10	380 mm	10 cm
6Y111=380X17	380 mm	17 cm
6Y111=400X10	400 mm	10 cm
6Y111=400X17	400 mm	17 cm
6Y111=450X10	450 mm	10 cm
6Y111=450X17	450 mm	17 cm
<b>Amputation level</b>	Transfemoral amputation	
<b>Material</b>	Silicone	
<b>Wall thickness</b>	from 6.0 mm distally, tapering to 2.5 mm proximally	
<b>Textile cover</b>	without	
<b>Colour</b>	Light grey	
<b>Exterior coating</b>	with	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	Continuous matrix	



## 6Y81 ProSeal liner

Together with the ProSeal sealing ring that is integrated into the socket, the transparent ProSeal liner reliably maintains the vacuum. The smooth exterior coating makes it easier to put the liner on and take it off, and to slide into the prosthetic socket.

The 6Y81 ProSeal (TF) liner is available either with a 3 mm distal cushion thickness (6Y81=\*) or with a 10 mm distal cushion thickness (6Y81=\*-10). It can be combined with a valve and the Harmony system.

### Scope of delivery

6Y81	ProSeal liner
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### Information material

647G380=ALL_INT	Instructions for use   Liner
646D791=ALL_INT	IFU User Liner

### Technical data

Article number	Size	Distal cushion
6Y81=280	280 mm	3 mm
6Y81=300	300 mm	3 mm
6Y81=320	320 mm	3 mm
6Y81=340	340 mm	3 mm
6Y81=360	360 mm	3 mm
6Y81=380	380 mm	3 mm
6Y81=400	400 mm	3 mm
6Y81=420	420 mm	3 mm
6Y81=450	450 mm	3 mm
6Y81=500	500 mm	3 mm
6Y81=550	550 mm	3 mm
6Y81=280-10	280 mm	10 mm
6Y81=300-10	300 mm	10 mm
6Y81=320-10	320 mm	10 mm
6Y81=340-10	340 mm	10 mm
6Y81=360-10	360 mm	10 mm
6Y81=380-10	380 mm	10 mm
6Y81=400-10	400 mm	10 mm
6Y81=420-10	420 mm	10 mm
6Y81=450-10	450 mm	10 mm
6Y81=500-10	500 mm	10 mm
6Y81=550-10	550 mm	10 mm
<b>Amputation level</b>	Transfemoral amputation	
<b>Material</b>	Silicone	
<b>Connection</b>	without	
<b>Wall thickness</b>	From approx. 6 mm, tapering to 2.5 mm	
<b>Textile cover</b>	without	
<b>Colour</b>	Light grey	
<b>Exterior coating</b>	with	
<b>Socket design</b>	Specific weight-bearing socket	
<b>Matrix</b>	Continuous matrix	
<b>Skinguard</b>	without	



### 756L10 Liner trimmer

For trimming and bevelling the proximal end of gel liners in one process step. The liner trimmer leaves a smooth edge.

**Technical data**

Article number	Weight
756L10	2.9 kg



### 719S20 Special scissors for cutting synthetic fabrics

For cutting fabric covered liners. The scissors' special coating is designed to cut through synthetic fibres and ensure effective protection against abrasive wear. The coating makes the scissor blades especially durable. Friction constantly replenishes the ceramic oxide layer. The scissors are resistant against UV and perspiration and extremely corrosion resistant. The very low-friction coating allows the scissors to cut modern high-performance fabrics easily.

**Technical data**

Article number	Weight
719S20	0.2 kg



### 719S7 Sizing scissors

With the special blades, these sizing scissors are ideal for cutting silicone liners.

**Technical data**

Article number	Length	Weight	Material
719S7	230 mm	0.250 kg	Crucible steel Plastic



### 640F18 Donning spray

The donning spray for Ottobock Skeo liners and prosthetic gloves (silicone, PVC) is needed among other things for putting on and removing the liner or prosthetic glove.

**Technical data**

Article number	for	Contents
640F18	Prosthetic gloves and liners	90 ml
640F18=900	Prosthetic gloves and liners	900 ml



## 453H12 Derma Prevent

Derma Prevent provides special protection for highly stressed skin. The lotion prevents chafing, protects the skin and keeps it soft and supple. It also inhibits contact with external allergens and reduces perspiration and odour formation.

### Technical data

Article number	Order unit	Packaging	Contents
453H12	Bottle	Package of 6	100 ml
453H12=1	Bottle	1 piece	100 ml

### Information material

646D396=GB	Product information – Derma skin care series
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## 453H10 Derma Clean

Derma Clean is a special cleaning lotion for highly stressed skin. The pH-neutral lotion featuring an antibacterial formula is free of alkali and phosphates. Derma Clean is also suitable for cleaning the prosthesis, orthosis or liner.

### Technical data

Article number	Order unit	Packaging	Contents
453H10-N	Bottle	Package of 6	300 ml
453H10=1-N	Bottle	1 piece	300 ml

### Information material

646D396=GB	Product information – Derma skin care series
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## 453H14 Derma Repair

Derma Repair provides special basic skin care with panthenol and vitamin E to regenerate highly stressed skin. It soothes irritated skin and makes it noticeably more supple and elastic. Using Derma Repair also promotes the skin's blood circulation and cell growth.

### Technical data

Article number	Order unit	Packaging	Contents
453H14	Bottle	Package of 6	200 ml
453H14=1	Bottle	1 piece	200 ml

### Information material

646D396=GB	Product information – Derma skin care series
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### 453H30 Derma travel set

Contains one bottle each of Derma Clean, Derma Prevent and Derma Repair as well as a handy sponge bag.

**Technical data**

<b>Article number</b>
453H30=D
453H30=GB



### 646M453 Derma trial set

The Derma trial set contains one small trial bottle each of Derma Clean, Derma Prevent and Derma Repair.

**Technical data**

<b>Article number</b>
646M453



### 633S2 Procomfort gel

The gel acts as a lubricant, making the prosthetic glove easier to put on over the inner hand.

**Technical data**

Article number	Net contents
633S2	250 ml



### 453H1 Lubricating cream

Increases the flow properties of the Uneo liners. Recommended use in conjunction with textile-free polyurethane liners.

**Technical data**

Article number	Contents
453H1=1	100 ml



## 6Y700 Skeo Unique

To meet your patient's individual needs, the Skeo liner offers a tailor-made solution for patients with unusual residual limb shapes. The silicone liner is recommended in particular when high stability and durability are required. Skeo Unique liners combine the positive material properties of silicone with the advantages of a gel. They are suitable for transfemoral and transtibial amputees.

### Key features

- Stabilises residual limbs with ample soft tissue
- Made of skin-friendly silicone
- Easy handling and quick cleaning
- Good adhesion on the residual limb

### Order options

#### Information material

646D1421=EN_MASTER	Information for technicians – Unique liner product range
646A410=EN_MASTER	Product brief – Unique liner product range
647G1144=ALL_INT	Instructions for use   Liner

#### Skeo Unique 6Y700

#### Wall thickness

Distal cushion	7 mm, 9 mm, 11 mm, 13 mm (standard), 15 mm, 17 mm, 19 mm, 21 mm
Uniform	4 mm, 5 mm, 6 mm
Tapered	5 mm to 3 mm proximal

#### Locking mechanisms

KISS	TF
Shuttle Lock	TT+TF
Dynamic Vacuum System	TT

#### Exterior

Uncovered / Partial Cover / Full Textile Cover

Round knitted standard textile 1.0 mm	X	●	●	●
KISS Fabric 1.0 mm	X	●	●	●

#### Additives

Skinguard	X
Fresh	-

● Black ● Grey ● Tan

### Fitting opportunities

#### Skeo Unique 6Y700

	TT	TF
KISS Lanyard System	-	■
Shuttle Lock System	■	■
Valve System	□	■
Dynamic Vacuum System	□	-
Harmony (P3 & P4)	□	□
Harmony (E2)	□	■

■ Recommended solution □ Possible solution



## 6Y400 Uneo Unique

With the Uneo Unique liner from Ottobock, you can offer your patients an individual, made-to-measure solution that provides them with an unrivalled fit. Thanks to the extraordinary flow properties of the polyurethane material, this custom liner is very comfortable to wear.

### Key features

- Very good pressure distribution within the prosthetic socket
- Cushions even highly sensitive or scarred residual limbs
- Reliable damping of shocks and impacts
- Available with fresh fragrance and Skinguard antibacterial additive

### Order options

#### Information material

646D1421=EN_MASTER	Information for technicians – Unique liner product range
646A410=EN_MASTER	Product brief – Unique liner product range
647G1144=ALL_INT	Instructions for use   Liner

#### Uneo Unique 6Y400

#### Wall thickness

Distal cushion	7 mm, 9 mm, 11 mm, 13 mm (standard), 15 mm, 17 mm, 19 mm, 21 mm
Uniform	4 mm, 5 mm, 6 mm
Tapered	6 mm to 3 mm proximal

#### Locking mechanisms

KISS	–
Shuttle Lock	TT+TF
Dynamic Vacuum System	TT

#### Exterior

Uncovered / Partial Cover / Full Textile Cover

Round knitted standard textile 1.0 mm	X	●	●	●
KISS Fabric 1.0 mm	X	●	●	●

#### Additives

Skinguard	X
Fresh	–

● Black ● Grey ● Tan

### Fitting opportunities

#### Uneo Unique 6Y400

	TT	TF
KISS Lanyard System	–	□
Shuttle Lock System	□	□
Valve System	■	□
Dynamic Vacuum System	■	–
Harmony (P3 & P4)	■	□
Harmony (E2)	■	□

■ Recommended solution □ Possible solution



# Uneo Unique | Skeo Unique. iFab Order process.

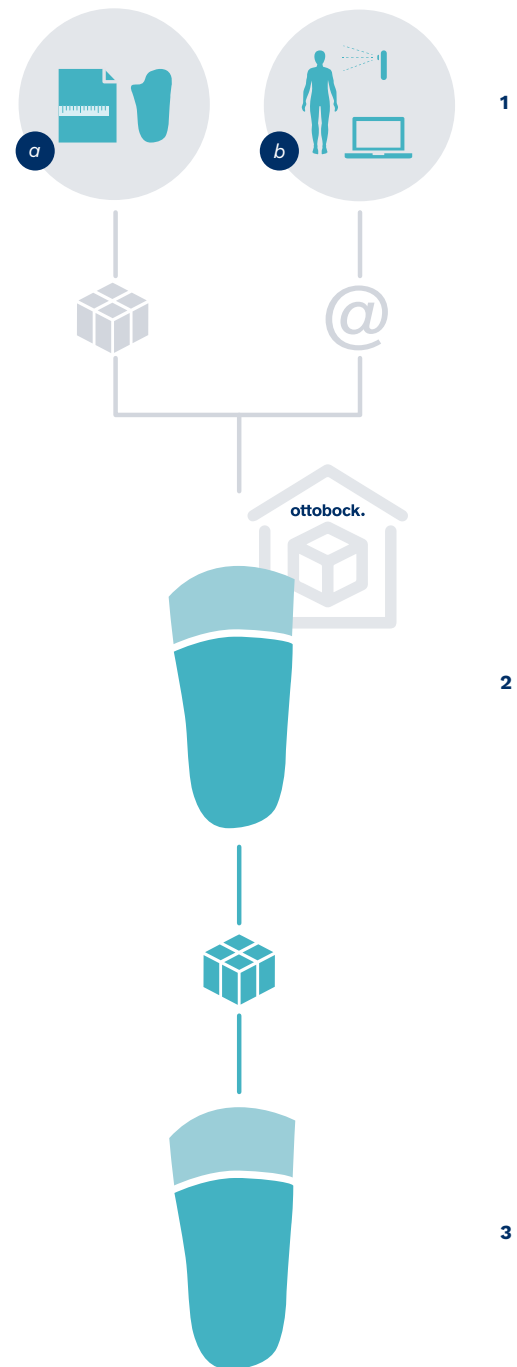
1 There are two ways to order a Unique Liner:

**a:** Use Ottobock's digital order process with EasyScan App for capturing measurements and texture of the residual limb. Then select your scan in the iCC (iFab Customer Center) or upload a scan from any other high resolution scanner, choose your order options and order the liner.

**b:** Send plaster cast with order form to iFab production hub. Alternatively, place your order in the iCC (iFab Customer Center).

2 Ottobock iFab will fabricate the Unique Liner for you and ship it within 10–15 working days.

3 Now you can fit your patient with an individual Unique Liner.



The iFab *EasyScan App* can be downloaded via [www.ifab-customer-center.com/downloads](http://www.ifab-customer-center.com/downloads)

## Custom Liner *Uneo Unique 6Y400 I* *Skeo Unique 6Y700.* Order Form – Symes and TT.

Page 1/1

Contact

Customer number

Date

### Customer

Company

Street

Postal code City

Email

Patient ID

### Shipping address (if different from customer address)

Company

Street

Postal code City

Order ID (ICC)

### Important

If the order form is not filled in completely, production can only start after clarification of open points and this results in a corresponding extension of the delivery time. In the case of replacement orders, wall thickness tolerances of  $\pm 1$  mm may occur.

### Amputation information

- Left
- Right
- Transtibial
- Symes
- Other .....

### Product selection

- Uneo Unique (Polyurethane)
- Skeo Unique (Silicone)
- New Liner
- Replacement Liner (Serial No.: .....

### Locking Mechanism

- Yes\*:  Pin  DVS (Select Partial Textile Cover)
- No

\*Locking Liners must have exterior textile selected

### Exterior Textil Cover

- Uncovered
  - Partial Cove (Standard: bonding up to 10 cm above MP)
  - Partial Cover Height: ..... mm
  - Full Textile Cover
  - Textile Color:  Anthracite  Grey  Tan
- For liners with textile cover, the wall thickness increases by 1 mm.

### Wall Thickness

- Tapered\*
- Uniform:  4 mm  5 mm  6 mm

\* Uneo Unique: 6 mm from MPT to 3 mm proximal

\* Skeo Unique: 5 mm from MPT to 3 mm proximal

Manufacturing tolerance is +/- 1 mm.

### Distal Cushion

- Standard 13 mm
- 7 mm  9 mm  11 mm  15 mm
- 17 mm  19 mm  21 mm

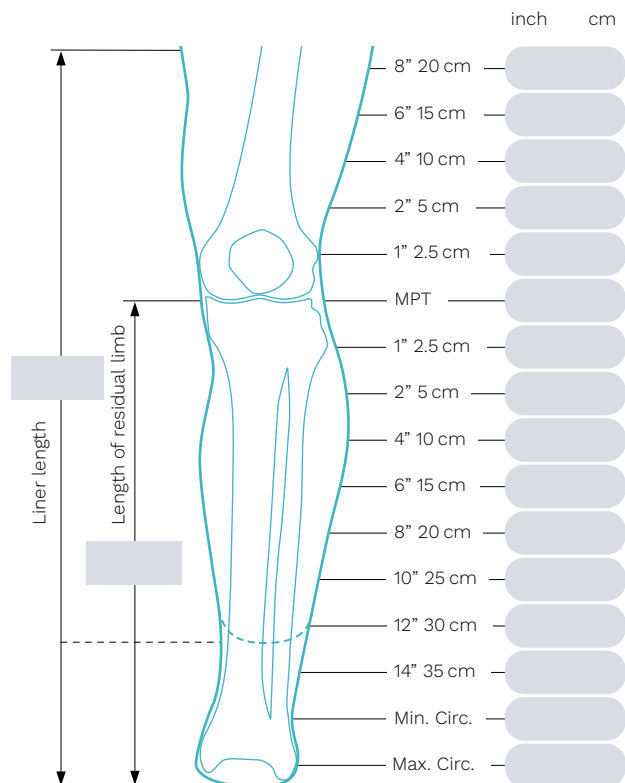
For liners with distal connection, the distal wall thickness increases by 10 mm.

### Additives

- With Skinguard - antibacterial additive

### Measurements

Extend dimensions as needed. Mark all problem areas on the scan, graphic or plaster.



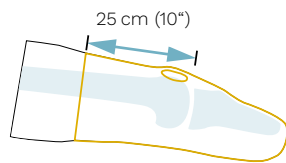
For limbs > 4"/ 10 cm in length the cast or scan should be taken in  $\leq 10^\circ$  flexion and at least 8"/ 20 cm above MPT.  
For limbs < 4"/ 10 cm in length take cast in  $20^\circ$  for best results.

Ottobock maintains all rights, title and ownership to the custom liner mold and will keep the mold on file for 2 years from the last order date.

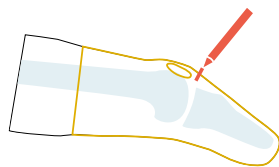
# Casting for *Uneo Unique* and *Skeo Unique Liner*.

1. Complete all required sections of the Order Form, including limb circumferences.
2. Apply parting agent to the limb, stopping 25 cm (10") above MPT.  
**Normal Skin:** Wrap the limb with plastic wrap or cover with lubricant.  
**Skin with Invagination or Scarring:** Invaginations or deepscarring that do not close when cupped by hand are rare; only 1 – 2 % of all patients. If you encounter one of these cases, fill the invagination/scar with plaster bandage wrap. Apply petroleum jelly to the remainder of the limb. Avoid getting petroleum jelly on the bandage wrap. Make a note on the Order Form to alert Ottobock of the invagination/scar.

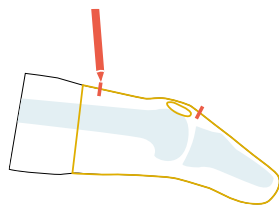
3. Pull a thin casting sock over the limb to a height of 25 cm (10") above MPT.



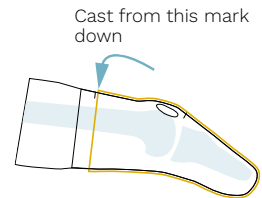
4. Mark the MPT on the casting sock with an indelible pencil. This mark is used by the Ottobock technician when manufacturing the custom liner.



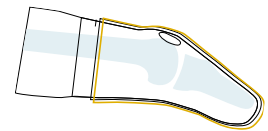
5. Mark a spot on the thigh 23 cm (9") above the MPT mark as a reference for the top of the cast. Have the patient hold their limb at 10° of flexion.



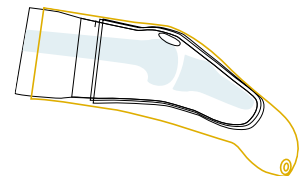
6. Cast the limb with plaster bandage starting proximally at the mark.



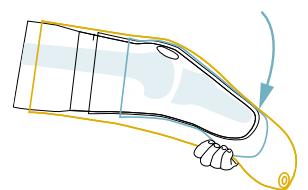
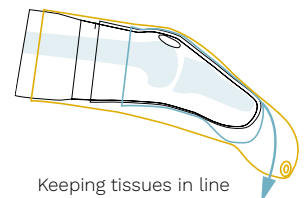
7. Apply 4 layers of nylon or a casting sock over the cast.



8. Apply casting bag. Extend it up to the thigh to form a seal.



9. If necessary, lightly support any distal, redundant soft tissue that gravity has caused to drop so that it remains in line with the rest of the lower limb until the plaster has set. The reason to support the soft tissue is to avoid producing a liner that tends to hold soft tissue off center.



10. Place the knee at 10° of flexion and turn on the casting pump. Maintain vacuum until the cast has set.

**Note:** For limbs less than 4" long, a 20° knee flexion gives best results.

11. Write the patient ID on the cast and ship with completed order form to Ottobock.

## Custom Liner *Uneo Unique 6Y400 I* *Skeo Unique 6Y700.* Order Form – TF and KD.

Page 1/1

Contact

Customer number

Date

### Customer

Company

Street

Postal code City

Email

Patient ID

### Shipping address (if different from customer address)

Company

Street

Postal code City

Order ID (ICC)

### Important

If the order form is not filled in completely, production can only start after clarification of open points and this results in a corresponding extension of the delivery time. In the case of replacement orders, wall thickness tolerances of  $\pm 1$ mm may occur.

### Amputation information

- Left     Right  
 TF     KD     Other .....

### Product selection

- Uneo Unique (Polyurethane)  
 Skeo Unique (Silicone)  
 New Liner  
 Replacement Liner (Serial No. ....)

### Locking Mechanism

- Yes\*:     Pin     KISS  
 No

\*Locking Liners must have exterior textile selected

### Textil

- Uncovered  
 Partial Cover: Bonding distal to proximal ..... cm  
 Full Textile Cover  
 Textile Color:     Anthracite     Grey     Tan

For liners with textile cover, the wall thickness increases by 1 mm.

### Wall Thickness

- Tapered\*  
 Uniform     4 mm     5 mm     6 mm

\* Minimal residual limb length of 20 cm upwards  
 \* Uneo Unique: From 6 mm distal to 3 mm proximal  
 \* Skeo Unique: From 5 mm distal to 3 mm proximal  
 Manufacturing tolerance is +/-1 mm.

### Distal Cushion

- Standard 13 mm  
 7 mm     9 mm     11 mm     15 mm  
 17 mm     19 mm     21 mm

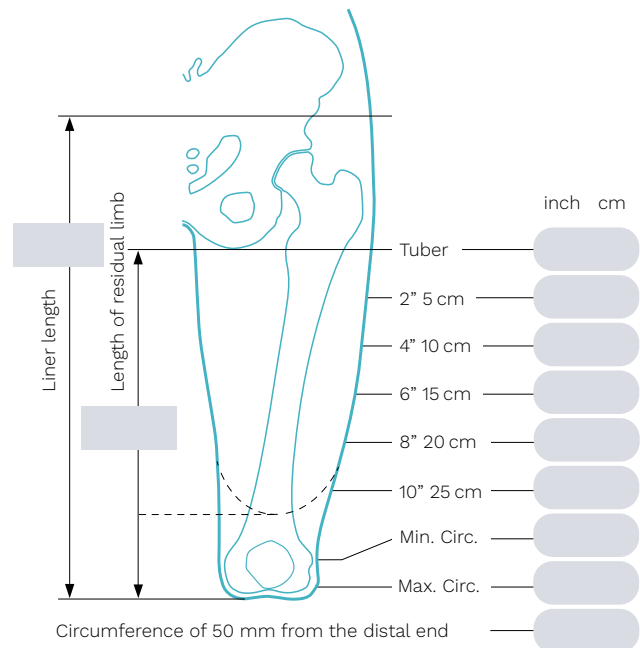
For liners with distal connection, the distal wall thickness increases by 10 mm.

### Additives

- With Skinguard - antibacterial additive

### Measurements

Extend dimensions as needed. Mark all problem areas on the scan, graphic or plaster.



### Important

Regardless of the limb length, the circumference of 50 mm from the distal end in the proximal direction is necessary.

Ottobock maintains all rights, title and ownership to the custom liner mold and will keep the mold on file for 2 years from the last order date.



## 4R140 One-way valve

The 4R140 outlet valve is a check valve intended for fabricating vacuum socket systems. It is integrated directly into the socket and is suitable exclusively for transtibial prostheses.

All common liners without a distal connector can be used.

### Technical data

Article number	Air discharge
4R140	Automatic

### Scope of delivery

4R140	One-way valve	1	Piece(s)
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## 4R136 V4 valve set

The 4R136 V4 valve set is suitable for fabricating vacuum socket systems. This set consists of an angled socket connector, a straight socket connector, a valve and a hose. The respective socket connector is screwed in.

All common liners without a distal connector can be used.

### Technical data

Article number	Air discharge
4R136	Automatic



## 4R136=EL V4 EasyLine valve set

The 4R136=EL V4 EasyLine valve set is suitable for fabricating vacuum socket systems. The set consists of two socket connectors and one valve. The socket connectors are glued in. All common liners without a distal connector can be used.

### Technical data

Article number	Air discharge
4R136=EL	Automatic



## 21Y2 QuickValve

The 21Y2 QuickValve is an expulsion valve and can be opened manually. It is intended for fabricating vacuum socket systems, for example in combination with a Skeo Sealing liner or all common TT liners without a distal connection in combination with a sealing sleeve.

Thanks to its M10 thread, the valve can be easily installed in the socket.

### Key features

- Wide range of applications in combination with a liner (TT, KD, TF)
- The valve can be opened easily by turning the valve cap with recessed grips
- When closing, a perceptible signal indicates that the valve is closed
- Easy to clean
- Protected against fresh, salt and chlorinated water

### Technical data

Article number	Air discharge	Outside Ø
21Y2=M10	Automatic	28 mm

### Information material

647G2026=ALL_INT	Instructions for use   21Y2
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## 21Y21 ClickValve

The ClickValve has a multi-option safety shackle that prevents loss of the upper valve part. The considerably reduced height and the outside diameter along with the unusual design ensure good cosmetic processing in the socket.

The valve is compatible with all common liners without a distal connector and can also be used without a liner.

### Key features

- Waterproof
- Threadless valve for transfemoral prostheses
- Multi-option safety shackle prevents loss of the upper valve part
- The “click” provides audible feedback for proper valve positioning
- Risk of haematoma is alleviated thanks to lateral air exhaust openings and a flush inside socket surface

### Information material

647G678=ALL_INT	Instructions for use   21Y21 ClickValve
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### Technical data

Article number	Air discharge	For hole Ø
21Y21	Automatic	22 mm



## 21Y14 PushValve

The PushValve is opened and closed by pressing together two wings. With its larger size, it is particularly suitable for users with limited finger mobility and for arm prosthesis wearers. The valve is compatible with all common liners without a distal connector and can also be used without a liner.

### Key features

- Waterproof
- Threadless valve for transfemoral prostheses
- Easier handling for users, in particular with limited finger mobility

### Information material

647G1560=ALL_INT	Instructions for use   21Y14, 21Y15
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### Technical data

Article number	Air discharge	For hole Ø
21Y14	Automatic	22 mm



## 21Y12 Threaded valve set

The threaded valve set with manual air discharge creates a vacuum in the prosthetic socket and is suitable for transfemoral prostheses.

The valve is compatible with all common liners without a distal connector and can also be used without a liner.

### Technical data

Article number	Air discharge	For hole Ø
21Y12	Manual	24 mm

### Scope of delivery

21Y12	Threaded valve set	1	Piece(s)
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### Information material

647G1639=ALL_INT	Instructions for use   21Y12, 21Y13
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## 21Y97 Flat rubber valve set with connection tube

The threadless valve set with manual air discharge is suitable for ISNY sockets for transfemoral prostheses.

The valve is compatible with all common liners without a distal connector and can also be used without a liner.

### Technical data

Article number	Air discharge	For hole Ø	Substance of content
21Y97	Manual	24 mm	contains nickel



## 21Y105 Flat rubber valve set

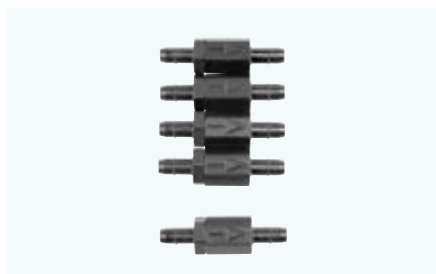
The threadless valve set with manual air discharge is suitable for installation in ISNY sockets for transfemoral prostheses.

The valve is compatible with all common liners without a distal connector and can also be used without a liner.

### Technical data

Article number	Air discharge	For hole Ø	Substance of content
21Y105	Manual	24 mm	contains nickel

## Accessories/spare parts for valves



## 4R142 V4 valve, straight

This is a spare part for the 4R136 V4 valve kit and the 4R136=EL V4 EasyLine valve kit as well as the 1C52 Taleo Harmony and 1C62 Triton Harmony prosthetic feet.

### Technical data

Article number
4R142



## 21Z42 Valve cover QuickValve

The 21Z42 valve cover is a spare part for the 21Y2=M10 QuickValve.

### Technical data

Article number
21Z42=1



## 21Y222 Two-hole pin wrench

This is a service part for the valves with reference numbers 21Y12, 21Y14, 21Y15 and 21Y21.

### Technical data

Article number
21Y222



### 21Y230 ClickValve safety shackle

This is a spare part for the 21Y21 ClickValve.

**Technical data**

<b>Article number</b>
21Y230



### 21Y21 ClickValve base

This is a spare part for the 21Y21 ClickValve.

**Technical data**

<b>Article number</b>
21Y21=B

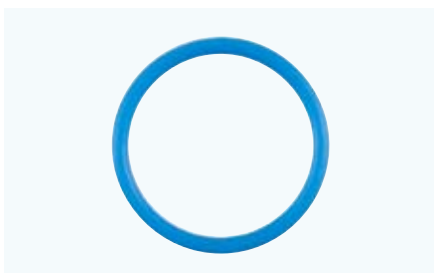


### 627F13 O-ring for ClickValve, black

This is a spare part for the 21Y21 ClickValve.

**Technical data**

<b>Article number</b>
627F13=24.5X3



### 627F13 O-ring for ClickValve upper valve part, blue

This is a spare part for the 21Y21 ClickValve.

**Technical data**

<b>Article number</b>
627F13=19X2



### 21Y21=T ClickValve valve top

This is a spare part for the 21Y21 ClickValve.

**Technical data**

<b>Article number</b>
21Y21=T



### 21Y14 PushValve upper part

This is a spare part for the 21Y14 PushValve.

**Technical data**

<b>Article number</b>
21Y14=S





### 21Y140 Flat silicone valve

This is a spare part for the 21Y96, 21Y97 and 21Y105 valves.

**Technical data**

Article number	Substance of content
21Y140	contains nickel



### 21Y123 Flat rubber valve

This is a spare part for the 21Y96, 21Y97 and 21Y105 valves.

**Technical data**

Article number	Substance of content
21Y123=40	contains nickel



### 21Y95 Flat rubber valve

The rubber flat valve with automatic air discharge and seat ring creates a vacuum in the prosthetic socket.

**Technical data**

Article number	Air discharge	For hole Ø	Substance of content
21Y95	Automatic	24 mm	contains nickel



### 21Y41 Seat ring

The seat ring for flat rubber valves is available in two sizes with the outside diameters of 32 mm and 40 mm as well as the hole diameters of 20 mm and 24 mm.

**Technical data**

Article number	For hole Ø
21Y41=32	20 mm
21Y41=40	24 mm



### 21Y77 Connecting tube with seat ring

This is a spare part for the 21Y97 valve.

**Technical data**

Article number	for	Tube inside Ø
21Y77	Valves with 40 mm outside diameter	24 mm



### 99B13 PVC connection tube

The PVC connection tube serves as a connection channel between the inner and outer sockets.

**Technical data**

Article number	Diameter	Colour
99B13=16	16 mm	Skin colour
99B13=16-7	16 mm	Black
99B13=21	21 mm	Skin colour
99B13=21-7	21 mm	Black



## 4R220 Dynamic Vacuum System pump

The Dynamic Vacuum System for transtibial prostheses offers a comfortably firm hold, convenient volume management and good perception of the ground. A magnetic coupling between the liner and piston generates a permanent vacuum after just a few steps.

Can be combined with the following liners: 6Y94=\*, 6Y400, 6Y700.

### Key features



- 4R220 pump with a four-hole connector for simple prosthetic alignment; additional distal adapters are not required
- 4R220=1 pump, the non load-bearing variant that allows greater freedom in the prosthetic alignment
- All common plaster casting techniques can be used, and no certification is required
- Permanent vacuum in just a few steps
- Fits very well into overall look of prosthesis thanks to low structural height






### Information material

647G1112=ALL_INT	Instructions for use   4R220 Dynamic Vacuum System
647G1211=ALL_INT	Instructions for use   4R220=1 Dynamic Vacuum System
646T215=EN	Technical information – 4R220 4R220=1



### Technical data

Article image		
<b>Article number</b>	4R220	4R220=1
<b>Product features</b>	Load-bearing	Not load-bearing
<b>Weight</b>	210 g	110 g
<b>System height</b>	37 mm	27 mm
<b>Build height</b>	31 mm	40 mm
<b>Mobility grade</b>	1, 2, 3	1, 2, 3
<b>Max. body weight</b>	150 kg	- kg

Recommended system solution		
	6Y94	Dynamic Vacuum System liner
	6Y400	Uneo Unique
	6Y700	Skeo Unique
	453A3/453A4	ProFlex sealing sleeve
	453A30/453A40	ProFlex Plus sealing sleeve

## Accessories/spare parts for DVS



### 21Y226 Duckbill valve

This is a spare part for the 4R220 and 4R220=1 DVS.

#### Technical data

Article number
21Y226



### 4X322 Valve bushing

This is a spare part for the 4R220 and 4R220=1 DVS.

#### Technical data

Article number
4X322



### 633F30 Special grease

This is a spare part for the 4R220 and 4R220=1 DVS.

#### Technical data

Article number
633F30=2



### 4X320 Piston

This is a spare part for the 4R220 and 4R220=1 DVS.

#### Technical data

Article number
4X320

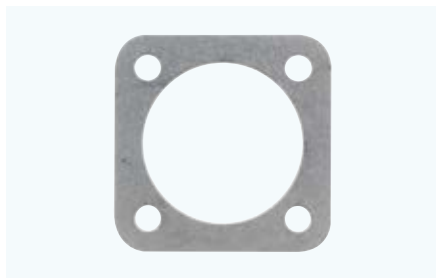


### 4X339 Stop ring

This is a spare part for the 4R220 and 4R220=1 DVS.

#### Technical data

Article number
4X339



### 4X314 Spacer plate

This is a spare part for the 4R220 DVS.

**Technical data**

<b>Article number</b>
4X314

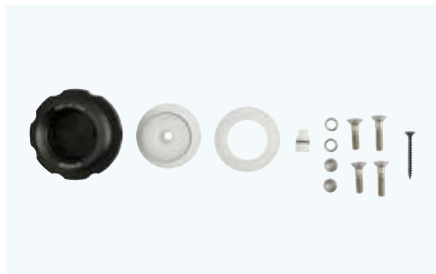


### 5X163 snap bushing

This is a spare part for the 4R220 DVS and the 6A40 MagnoFlex Lock.

**Technical data**

<b>Article number</b>
5X163



### 4X324 Cylinder body for 4R220

This is a spare part for the 4R220 DVS.

**Technical data**

<b>Article number</b>
4X324=3

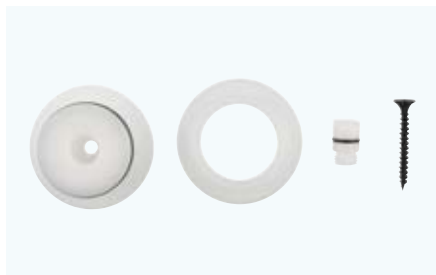


### 4X324 Cylinder body for 4R220=1

This is a spare part for the 4R220=1 DVS.

**Technical data**

<b>Article number</b>
4X324=4



### 4X326 Dummy set for 4R220

This is a spare part for the 4R220 DVS.

**Technical data**

<b>Article number</b>
4X326



### 4X326 Dummy set for 4R220=1

This is a spare part for the 4R220=1 DVS.

**Technical data**

<b>Article number</b>
4X326=1



## 4X338 Mounting wrench

This is a spare part for the 4R220 and 4R220=1 DVS.

### Technical data

Article number
4X338

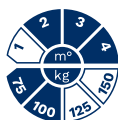


## 4R180 Harmony P4

The mechanical vacuum pump generates an active vacuum and increases the negative pressure in the prosthetic socket. In combination with an integrated elastomer rod, it dampens vertical impact loads and permits slight torsion of the socket.

### Key features

- Fast vacuum thanks to double-stroke technology
- Low structural height thanks to direct integration into the prosthetic socket
- Built-in shock absorption and torsion function



Max. 100 kg

### Information material

647G1247=ALL_INT	Instructions for use   4R180, 4R181 Harmony P4
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### Technical data

<b>Article number</b>	4R180
<b>Proximal connection</b>	Lamination disc
<b>Distal connection</b>	Pyramid receiver
<b>Weight</b>	465 g
<b>System height</b>	132 mm
<b>Build height</b>	114 mm
<b>Mobility grade</b>	2, 3, 4
<b>Recommended for body weight</b>	50 - 100 kg
<b>Max. body weight</b>	100 kg

- Certification is required for treatment with a Harmony system.

We have successfully tested the following products in combination with Harmony pumps:

- Polyurethane liners:
  - 6Y512 Uneo 3D
  - Uneo Unique
- Sealing sleeves to provide proximal sealing:
  - 453A30/453A40 ProFlex Plus



## 4R181 Harmony P4 HD

The mechanical vacuum pump generates an active vacuum and increases the negative pressure in the prosthetic socket. In combination with an integrated elastomer rod, it dampens vertical impact loads and permits slight torsion of the socket.

### Key features

- Fast vacuum thanks to double-stroke technology
- Low structural height thanks to direct integration into the prosthetic socket
- Built-in shock absorption and torsion function
- HD version: suitable for a body weight of up to 150 kg



Max. 150 kg

### Information material

647G1247=ALL_INT	Instructions for use   4R180, 4R181 Harmony P4
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### Technical data

<b>Article number</b>	4R181
<b>Proximal connection</b>	Lamination disc
<b>Distal connection</b>	Pyramid receiver
<b>Weight</b>	590 g
<b>System height</b>	132 mm
<b>Build height</b>	114 mm
<b>Mobility grade</b>	2, 3, 4
<b>Recommended for body weight</b>	90 - 150 kg
<b>Max. body weight</b>	150 kg

- Certification is required for treatment with a Harmony system.

We have successfully tested the following products in combination with Harmony pumps:

- Polyurethane liners:
  - 6Y512 Uneo 3D
  - Uneo Unique
- Sealing sleeves to provide proximal sealing:
  - 453A30/453A40 ProFlex Plus

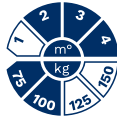


**Information material**

647G1497=ALL\_INT Instructions for use | 4R182, 4R183 Harmony P4 modular

## 4R182 Harmony P4 modular

The Harmony P4 modular is a completely modular installation version of the Harmony P4 pump. Thanks to novel double-stroke technology, the required vacuum is reached after just a few steps.



Max. 100 kg

**Technical data**

<b>Article number</b>	4R182
<b>Proximal connection</b>	Four-hole connection
<b>Distal connection</b>	Pyramid receiver
<b>Weight</b>	545 g
<b>System height</b>	143 mm
<b>Build height</b>	125 mm
<b>Mobility grade</b>	1, 2, 3
<b>Recommended for body weight</b>	50 - 100 kg
<b>Max. body weight</b>	100 kg

- Certification is required for treatment with a Harmony system.
- We have successfully tested the following products in combination with Harmony pumps:
  - Polyurethane liners:
    - 6Y512 Uneo 3D
    - Uneo Unique
  - Sealing sleeves to provide proximal sealing:
    - 453A30/453A40 ProFlex Plus



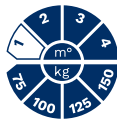
**Information material**

647G1497=ALL\_INT Instructions for use | 4R182, 4R183 Harmony P4 modular

## 4R183 Harmony P4 HD modular

The Harmony P4 HD modular is a complete modular installation version of the Harmony P4 HD pump. Thanks to novel double-stroke technology, the required vacuum is reached after just a few steps.

Suitable for a user weight of up to 150 kg.



Max. 150 kg

**Technical data**

<b>Article number</b>	4R183
<b>Proximal connection</b>	Four-hole connection
<b>Distal connection</b>	Pyramid receiver
<b>Weight</b>	665 g
<b>System height</b>	143 mm
<b>Build height</b>	125 mm
<b>Mobility grade</b>	1, 2, 3
<b>Recommended for body weight</b>	90 - 150 kg
<b>Max. body weight</b>	150 kg

- Certification is required for treatment with a Harmony system.
- We have successfully tested the following products in combination with Harmony pumps:
  - Polyurethane liners:
    - 6Y512 Uneo 3D
    - Uneo Unique
  - Sealing sleeves to provide proximal sealing:
    - 453A30/453A40 ProFlex Plus



## 4R147 Harmony P3

The slim pump weighs only 399 grams and has a low system height. This allows more users to benefit from the advantages of the Harmony system's vacuum solution.

### Key features

- Mechanical pump for the Harmony system
- Volume management on the residual limb
- Vertical shock absorption
- Rotation function
- On-site maintenance is possible by replacing the functional ring
- Distal tube clamp and proximal pyramid receiver



### Information material

647G1644=ALL_INT	Instructions for use   4R147 Harmony P3
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### Technical data

Article number	Proximal connection	Distal connection	Weight	System height	Build height	Mobility grade	Recommended for body weight
4R147=1	Pyramid Receiver	Tube clamp 34 mm	399 g	135 mm	117 mm	2, 3, 4	48 - 55 kg
4R147=2	Pyramid Receiver	Tube clamp 34 mm	399 g	135 mm	117 mm	2, 3, 4	56 - 65 kg
4R147=3	Pyramid Receiver	Tube clamp 34 mm	399 g	135 mm	117 mm	2, 3, 4	66 - 75 kg
4R147=4	Pyramid Receiver	Tube clamp 34 mm	399 g	135 mm	117 mm	2, 3, 4	76 - 87 kg
4R147=5	Pyramid Receiver	Tube clamp 34 mm	399 g	135 mm	117 mm	2, 3, 4	88 - 100 kg
4R147=6	Pyramid Receiver	Tube clamp 34 mm	399 g	135 mm	117 mm	2, 3, 4	101 - 112 kg
4R147=7	Pyramid Receiver	Tube clamp 34 mm	399 g	135 mm	117 mm	2, 3, 4	113 - 125 kg

- Certification is required for treatment with a Harmony system.

We have successfully tested the following products in combination with Harmony pumps:

- Polyurethane liners:
  - 6Y512 Uneo 3D
  - Uneo Unique
- Sealing sleeves to provide proximal sealing:
  - 453A30/453A40 ProFlex Plus



## 4R152 Harmony E2

The Harmony E2 is an electronic pump for the Harmony system. It provides volume management on the residual limb, enhanced prosthetic suspension and reduced forces in the socket.

### Key features

- Electronic pump for the Harmony system
- Volume management on the residual limb
- Four-hole adapter plate for convenient use, e.g. with the 5R2 or 6A94=3 plate and the desired distal adapter
- Free orientation around the tube adapter: medial, lateral or even anterior, posterior
- Two air channels in the connection plate for a direct, tubeless distal connection or the use of a socket connector (e.g. for retrofitting)
- Easy removal of the pump unit, e.g. for charging, weight reduction or switching between different leg prostheses. The adapter plate with an integrated valve keeps the vacuum in the socket.

### Information material

647G822=ALL_INT	Instructions for use   4R152 Harmony E2
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### Product example



### Technical data

Article number	Proximal connection	Weight	System height	Build height
4R152	Four-hole connection	185 g	95 mm	22 mm
4R152=1	Four-hole connection	185 g	95 mm	22 mm

- The 4R152=1 enables installation close to the knee joint (see illustration on the left).
- Certification is required for treatment with a Harmony system.
- Please check potential ground contact because of the system height for low profile alignments.

We have successfully tested the following products in combination with Harmony pumps:

- Polyurethane liners:
  - 6Y512 Uneo 3D
  - Uneo Unique
- Sealing sleeves to provide proximal sealing:
  - 453A30/453A40 ProFlex Plus



## Accessories/spare parts for Harmony



### 4Y347 Harmony elastomer rod (red)

The 4Y347 is a spare part for the Harmony P4.

#### Technical data

Article number
4Y347



### 4Y348 Harmony elastomer rod (yellow)

The 4Y348 is a spare part for the Harmony P4.

#### Technical data

Article number
4Y348



### 4X356 Cover for 4R182/4R183

The 4X356 cover is a spare part for the 4R182 Harmony P4 modular pump and the 4R183 Harmony P4 HD modular pump. Aside from the cover, the scope of delivery includes a connection hose.

#### Technical data

Article number
4X356



### 4X903 Lamination disc and dummy

The 4X903 is a spare part for the 4R180 and 4R181. It consists of a lamination disc and a lamination dummy.

#### Technical data

Article number
4X903



### 4X904 Harmony P4 housing screw connection

The 4X904 is a spare part for the 4R180 and 4R182. It consists of a housing screw connection and four M4x6 set screws.

#### Technical data

Article number
4X904



### 4X446 Harmony P4 HD housing screw connection

The 4X446 is a spare part for the 4R181 and 4R183. It consists of a housing screw connection and four M4x6 set screws.

#### Technical data

Article number
4X446



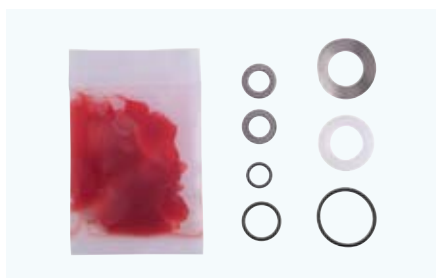
### 4X147 Functional ring for Harmony P3

The 4X147 functional ring is a spare part for the 4R147 Harmony P3 and the 1C62 Triton Harmony prosthetic foot. The scope of delivery includes the functional ring with two valves, two O-rings, spacer washer and lubricant.

**Technical data**

Article number	Max. body weight	Functional ring stiffness
4X147=0	150 kg	0
4X147=1	150 kg	1
4X147=2	150 kg	2
4X147=3	150 kg	3
4X147=4	150 kg	4
4X147=5	150 kg	5
4X147=6	150 kg	6
4X147=7	150 kg	7
4X147=8	150 kg	8
4X147=9	150 kg	9

· The 4X147=8 and 4X147=9 may only be used for the 1C62 Triton Harmony.



### 4X148 Harmony P3 service set

The 4X148 service set is a spare part for the Harmony P3 system. It consists of two small and two large spacer washers, three O-rings and a lubricant.

**Technical data**

Article number
4X148



### 4R153 Adapter plate

The adapter plate with integrated valve maintains the vacuum in the prosthetic socket and facilitates straightforward use, e.g. with the 5R2 or 6A94=3 plate and the desired distal adapter.

The 4R153 is a spare part for the 4R152.

The 4R153=1 is a spare part for the 4R152=1.

**Technical data**

Article number
4R153
4R153=1



### 2R117 Socket connector

The socket connector forms the connection between the socket and Harmony pump.

**Technical data**

Article number
2R117=0

· For use with SL=P091 PU adhesive.



### 2R119 Vacuum connector

Easy-to-use vacuum connector for the connection between the socket and Harmony pump. The design is based on the PushValve and therefore makes it much easier to apply the prosthesis. Aside from the vacuum connection, the scope of delivery includes all parts required for the connection.

**Technical data**

Article number
2R119



## 755E20 Harmony vacuum pump set

The Harmony vacuum pump set is used to fabricate the plaster cast as part of the vacuum technique.

Set with latex casting bags.

### Technical data

Article number=	Operating voltage
755E20=230	230 V
755E20=110	110 V

### Consisting of product

683G1=10	Latex casting bags
	TEC Harmony vacuum pump blank
625P1=1.0	Fuse link, slow-blowing
616R2=10X2	PVC suction hose
755Y16=1/4"X6	Screw-in and hose nozzle
683G1=1	Water separator
683G1=5	Exhaust hose
755Z20=2	Filter
	Bag



## 683G1 Latex casting bags

For fabricating plaster casts using the vacuum technique. The scope of delivery includes three latex casting bags: one small, one medium, one large.

### Technical data

Article number	Size (selection)
683G1=10	Set of 1x small, medium and large

### Scope of delivery

683G1	683G1=7	Latex casting bags
683G1	683G1=8	Latex casting bags
683G1	683G1=9	Latex casting bags

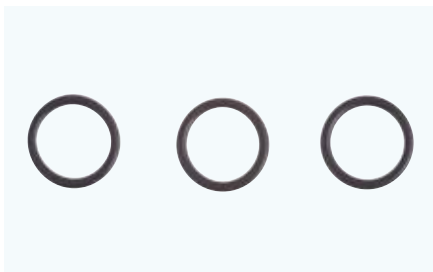


## 4X315 5x2.5 O-ring pack

The 4X315 is a spare part for the 4R152 and consists of three O-rings.

### Technical data

Article number
4X315



## 4X316 7x1 O-ring pack

The 4X316 is a spare part for the 4R152 and consists of three O-rings.

### Technical data

Article number
4X316



## 4X220 Hose for the outlet

The hose for the outlet is a spare part for the 4R152 Harmony E2.

### Technical data

Article number
4X220



## 453A2 Derma Protection sealing sleeve

The Derma Protection is a cylindrically shaped sealing sleeve made of a hard-wearing copolymer (TPE) with textile cover. It is used as the primary means of suspension or for sealing a vacuum system.

### Key features

- For use with vacuum systems (valve, Dynamic Vacuum System, Harmony)
- Can also be used as the primary suspension system
- Shape: cylindrical

### Technical data

Article number	Knee center circumference	Colour
453A2=1	24 – 32 cm	Beige
453A2=2	30 – 40 cm	Beige
453A2=3	34 – 44 cm	Beige
453A2=4	42 – 56 cm	Beige



## 453A3/453A4 ProFlex sealing sleeve

The ProFlex is an anatomically shaped sealing sleeve made of a hard-wearing copolymer (TPE) with textile cover. It is used as the primary means of suspension or for sealing a vacuum system.

### Key features

- Conical shape for a comfortable fit on the thigh
- Pre-shaped patella section for reduced pressure on the patella
- Form: 15° pre-flexion for easier bending of the knee

### Technical data

Article number	Knee center circumference	Circumference 7.87" proximal to knee center	Overall length	Colour	Detail view
453A3=1	24 - 32 cm	34 - 46 cm	long	Grey	
453A3=2	30 - 40 cm	40 - 54 cm	long	Grey	
453A3=3	36 - 47 cm	48 - 66 cm	long	Grey	
453A3=1-7	24 - 32 cm	34 - 46 cm	long	Black	
453A3=2-7	30 - 40 cm	40 - 54 cm	long	Black	
453A3=3-7	36 - 47 cm	48 - 66 cm	long	Black	
453A4=1	24 - 32 cm	34 - 46 cm	Short	Grey	
453A4=2	30 - 40 cm	40 - 54 cm	Short	Grey	
453A4=3	36 - 47 cm	48 - 66 cm	Short	Grey	
453A4=1-7	24 - 32 cm	34 - 46 cm	Short	Black	
453A4=2-7	30 - 40 cm	40 - 54 cm	Short	Black	
453A4=3-7	36 - 47 cm	48 - 66 cm	Short	Black	

· A = knee centre/MPT B = 20 cm proximal MPT



## 453A30/453A40 ProFlex Plus sealing sleeve

The ProFlex Plus is an anatomically shaped sealing sleeve. In addition to the typical features (pre-flexion, conical shape, shaped patella section), it has an elastic textile cover and a flat seam for a virtually imperceptible proximal end. It is used as the primary means of suspension or for sealing a vacuum system.

### Key features

- Elastic textile cover for a comfortable proximal end
- Conical shape for a comfortable fit on the thigh
- Pre-shaped patella section for reduced pressure on the patella
- Form: 15° pre-flexion for easier bending of the knee

### Technical data

Article number	Knee center circumference	Circumference 7.87" proximal to knee center	Overall length	Colour	Detail view
453A30=1	24 - 32 cm	34 - 46 cm	long	Grey	
453A30=2	30 - 40 cm	40 - 54 cm	long	Grey	
453A30=3	36 - 47 cm	48 - 66 cm	long	Grey	
453A30=1-7	24 - 32 cm	34 - 46 cm	long	Anthracite	
453A30=2-7	30 - 40 cm	40 - 54 cm	long	Anthracite	
453A30=3-7	36 - 47 cm	48 - 66 cm	long	Anthracite	
453A30=1-0	24 - 32 cm	34 - 46 cm	long	Beige	
453A30=2-0	30 - 40 cm	40 - 54 cm	long	Beige	
453A30=3-0	36 - 47 cm	48 - 66 cm	long	Beige	
453A40=1	24 - 32 cm	34 - 46 cm	Short	Grey	
453A40=2	30 - 40 cm	40 - 54 cm	Short	Grey	
453A40=3	36 - 47 cm	48 - 66 cm	Short	Grey	
453A40=1-7	24 - 32 cm	34 - 46 cm	Short	Anthracite	
453A40=2-7	30 - 40 cm	40 - 54 cm	Short	Anthracite	
453A40=3-7	36 - 47 cm	48 - 66 cm	Short	Anthracite	
453A40=1-0	24 - 32 cm	34 - 46 cm	Short	Beige	
453A40=2-0	30 - 40 cm	40 - 54 cm	Short	Beige	
453A40=3-0	36 - 47 cm	48 - 66 cm	Short	Beige	



### 454A7 Harmony sealing sleeve, cylindrical

The Harmony sealing sleeve made of polyurethane with a durable textile cover creates a tight seal. It is used as the primary means of suspension or for sealing a vacuum system. A gaiter is included with this sealing sleeve.

**Key features**

- For use with vacuum systems (valve, Dynamic Vacuum System, Harmony)
- Can also be used as the primary suspension system
- Shape: cylindrical

**Technical data**

Article number	Knee center circumference
454A7=1	28–35.6 cm
454A7=2	30–37.5 cm
454A7=3	33–40.5 cm
454A7=4	35.5–43 cm
454A7=5	38–50.5 cm

· Includes 454A11 gaiter



### 454A8 Harmony sealing sleeve, conical

The Harmony sealing sleeve made of polyurethane with a durable textile cover creates a tight seal. It is used as the primary means of suspension or for sealing a vacuum system. A gaiter is included with this sealing sleeve.

**Key features**

- For use with vacuum systems (valve, Dynamic Vacuum System, Harmony)
- Can also be used as the primary suspension system
- Shape: conical

**Technical data**

Article number	Knee center circumference	Circumference 7.87" proximal to knee center
454A8=1	25.5-33 cm	35-43 cm
454A8=2	30.5-37 cm	41-50 cm
454A8=3	33-39 cm	44-54 cm
454A8=4	37-44.5 cm	49-56 cm
454A8=5	43-51 cm	53-66 cm
454A8=6	48-58.5 cm	60-70 cm
454A8=7	56-66 cm	66-75 cm

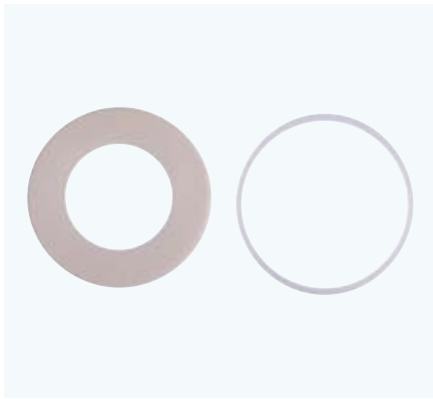


### 454A11 Gaiter for sealing sleeves

The gaiter is intended to increase the lifetime of sealing sleeves. It has a soft Lycra® surface on the inside that slides over the socket brim. The outer surface is impermeable to air, sealing the socket together with the sealing sleeve.

**Technical data**

Article number	Size	Knee center circumference
454A11=S	S	25.5-35.6 cm
454A11=M	M	30-40.5 cm
454A11=L	L	35.5-51 cm
454A11=XL	XL	48-58.5 cm
454A11=XXL	XXL	56-66 cm



## 452A1 ProSeal ring

The ProSeal ring is suitable for the proximal sealing of transfemoral vacuum sockets with the 6Y81 ProSeal liner.

### Information material

647G597=ALL_INT	Instructions for use   452A1 ProSeal Ring
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### Product example



### Technical data

Article number	Proximal circumference
452A1=320	320 mm
452A1=340	340 mm
452A1=360	360 mm
452A1=380	380 mm
452A1=400	400 mm
452A1=420	420 mm
452A1=440	440 mm
452A1=460	460 mm
452A1=480	480 mm
452A1=500	500 mm
452A1=520	520 mm
452A1=540	540 mm
452A1=560	560 mm
452A1=580	580 mm
452A1=600	600 mm
452A1=640	640 mm



## 21B37 Thigh support

The total elastic suspension (TES) belts optimise the hold of the prosthesis on the body. The pelvic belt made of polyamide and elastane is fastened with hook-and-loop straps and additionally with buckles. The Neoprene® anti-slip strip at the distal end holds and stabilises the suspension belt.

### Information material

646D829=EN	21B3/21B37 TES belt product information
647G1072=ALL_INT	Instructions for use   21B37=*

### Technical data

Article number	size	Size (selection)	For hip circumference	Socket edge	Colour
21B37=L1	left	S	60 – 74 cm	36 – 40 cm	Beige
21B37=L2	left	M	66 – 80 cm	40 – 44 cm	Beige
21B37=L3	left	L	76 – 90 cm	44 – 48 cm	Beige
21B37=L4	left	XL	86 – 100 cm	48 – 52 cm	Beige
21B37=L5	left	XXL	96 – 110 cm	52 – 56 cm	Beige
21B37=R1	right	S	60 – 74 cm	36 – 40 cm	Beige
21B37=R2	right	M	66 – 80 cm	40 – 44 cm	Beige
21B37=R3	right	L	76 – 90 cm	44 – 48 cm	Beige
21B37=R4	right	XL	86 – 100 cm	48 – 52 cm	Beige

· Neoprene® is a registered trademark of DuPont.



## 6A20 Shuttle Lock

The shuttle lock with pyramid is used to secure a liner in the prosthetic socket. It is suitable for transfemoral and transtibial prostheses. The 6Y13=1 pin is included with this shuttle lock.

All common liners with a distal connector can be used.

### Key features

- Coated aluminium housing
- Ratchet unit easy to unlock, even under tensile load
- Includes lamination anchor for laminating



### Scope of delivery

6A20=10	Shuttle lock with pyramid	1	Piece(s)
6Y13=1	Pin for shuttle lock	1	Piece(s)
5X55	Dummy set with screw	1	Piece(s)

### Information material

647G1561=ALL_INT	Instructions for use   6A20 Shuttle Lock
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### Technical data

Article number	Distal connection	System height	Build height	Max. body weight
6A20=10	Pyramid	25 mm	43 mm	125 kg



## 6A20 Shuttle lock with adjustment screw

The shuttle lock with pyramid receiver is used to secure the liner in the prosthetic socket. It is suitable for transfemoral and transtibial prostheses. The 6Y13=2 pin is included with this shuttle lock.

All common liners with a distal connector can be used.

### Key features

- Coated aluminium housing
- Ratchet unit easy to unlock, even under tensile load
- Shorter pin
- Includes lamination anchor for laminating



### Scope of delivery

6A20=20	Shuttle lock with adjustment screw	1	Piece(s)
6Y13=2	Pin, short	1	Piece(s)
5X55	Dummy set with screw	1	Piece(s)

### Information material

647G1561=ALL_INT	Instructions for use   6A20 Shuttle Lock
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### Technical data

Article number	Distal connection	System height	Build height	Max. body weight
6A20=20	Pyramid receiver	79 mm	61 mm	125 kg



## 6A30 Shuttle lock

The shuttle lock is used to secure the liner in the prosthetic socket. It is suitable for transfemoral and transtibial prostheses. The 6Y13=1 pin is included with this shuttle lock.

All common liners with a distal connector can be used.

### Key features

- Coated aluminium housing
- Ratchet unit easy to unlock, even under tensile load
- Integration into the socket

### Technical data

Article number	Build height
6A30=10N	37 mm

### Scope of delivery

6A30=10N	Shuttle lock	1	Piece(s)
6Y13=1	Pin for shuttle lock	1	Piece(s)
5X125	Dummy set	1	Piece(s)

### Information material

647G415=ALL_INT	Instructions for use   6A30=10N
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## 6A30 Shuttle lock, waterproof

The shuttle lock is used to secure the liner in the prosthetic socket. It is suitable for transfemoral and transtibial prostheses. The 6Y13=1 pin is included with this shuttle lock. All common liners with a distal connector can be used. The 6Y43 Skeo Pure silicone liner with no textile cover is recommended for the waterproof walking aid.

### Key features

- Waterproof and corrosion-resistant
- Lightweight plastic housing for use in bathing prostheses
- Ratchet unit easy to unlock, even under tensile load

### Technical data

Article number	Build height
6A30=20N	42 mm

### Scope of delivery

6A30=20N	Shuttle lock, waterproof	1	Piece(s)
6Y13=1	Pin for shuttle lock	1	Piece(s)

### Information material

647G1645=ALL_INT	Instructions for use   6A30=20N Shuttle Lock
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## 6A40 MagnoFlex lock

The MagnoFlex Lock secures the liner in the prosthetic socket and is suitable for transfemoral and transtibial prostheses. The 6Y13=F1 pin is included with this shuttle lock.

All common liners with a distal connector can be used.

### Key features

- Straightforward pin guide thanks to flexible pin and integrated magnets
- Quick and straightforward integration into the prosthesis
- 4-hole connector to the modular system
- Available as an option: sliding adapter



Max. 125 kg

### Technical data

Article number	Distal connection	System height	Build height	Max. body weight
6A40	4-hole	25 mm	50 mm	125 kg

### Scope of delivery

6A40	MagnoFlex lock	1	Piece(s)
6Y13=F1	Pin for MagnoFlex lock, flexible	1	Piece(s)
6Z2=1	Set aus	1	Piece(s)
6Z2=2	Set aus	1	Piece(s)
6Z2=3	Set aus	1	Piece(s)
5X176	Vacuum forming dummies	1	Piece(s)

### Information material

647G931=ALL_INT	Instructions for use   6A40, 6A43 MagnoFlex Lock
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## Accessories/spare parts for shuttle lock



## 6Y13 Pin

This is a spare part for the 6A20=10, 6A30=10N and 6A30=20N shuttle locks.

### Technical data

Article number	Length
6Y13=1	49.5 mm



### 6Y13 Pin, short

This is a spare part for the 6A20=10, 6A20=20, 6A30=10N and 6A30=20N shuttle locks.

**Technical data**

Article number	Length
6Y13=2	31 mm



### 6Y13 Pin, long

This is a spare part for the 6A20=10, 6A30=10N and 6A30=20N shuttle locks.

**Technical data**

Article number	Length
6Y13=L1	68.7 mm



### 6Y13 Flexible pin for MagnoFlex lock

This is a spare part for the 6A40 MagnoFlex Lock.

**Technical data**

Article number	Length
6Y13=F1	47.8 mm



### 6A52 Ratchet unit

This is a spare part for the 6A20=10, 6A20=20 and 6A30=10N shuttle locks.

**Technical data**

Article number
6A52



### 6A52 Ratchet unit

This is a spare part for the 6A30=20N and 6A40 shuttle locks.

**Technical data**

Article number
6A52=K



### 6A61 Plastic tab for 6A52

This is a spare part for the 6A20=10, 6A20=20, 6A30=10N, 6A30=20N and 6A40 shuttle locks.

**Technical data**

Article number
6A61



## 5R2 Lamination disc

This is an accessory for the 6A30=20N shuttle lock.



Max. 150 kg

### Scope of delivery

5R2	Lamination disc	1	Piece(s)
501S41=M6X12	Countersunk head screw (Allen screw)	4	Piece(s)
501S41=M6X16	Countersunk head screw (Allen screw)	4	Piece(s)
501S74=3.5X9.5	Sheet metal screw	6	Piece(s)
4X86	Laminate protection1	1	Piece(s)

### Information material

647G179=ALL_INT	Instructions for use   5R2
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### Technical data

Article number	Material	System height	Weight	Max. body weight
5R2	Aluminium	9 mm	70 g	150 kg

The enclosed 4X86 lamination dummy is to be used for laminating.



## 5R2=C Socket attachment carbon

This is an accessory for the 6A30=10N and 6A30=20N shuttle locks.



Max. 150 kg

### Scope of delivery

5R2=C	Socket attachment block	1	Piece(s)
501S41=M6X12	Countersunk head screw (Allen screw)	4	Piece(s)
501S41=M6X16	Countersunk head screw (Allen screw)	4	Piece(s)
4X301	Laminate protection	1	Piece(s)

### Information material

647G821	Instructions for use   5R2=C
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### Technical data

Article number	Material	System height	Weight	Max. body weight
5R2=C	Carbon	10 mm	50 g	150 kg

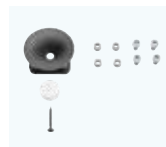


## 6A43 MagnoFlex Lock socket attachment block

This is an accessory for the 6A40 MagnoFlex Lock.



Max. 125 kg



### Technical data

Article number	Max. body weight
6A43	125 kg



### 6A41 Slider plate for MagnoFlex Lock

This is an accessory for the 6A40 MagnoFlex Lock.

**Technical data**

Article number	Build height	Max. body weight
6A41	9 mm	125 kg



### 5X163 snap bushing

This is a spare part for the 4R220 DVS and the 6A40 MagnoFlex Lock.

**Technical data**

Article number
5X163



### 4R111=N/4R111=T Lamination anchor with threaded connector

This is a spare part for the 6A20=10 and 6A20=20 shuttle locks.

**Technical data**

Article number	Material	System height	Weight	Max. body weight
4R111=N	Stainless steel	13 mm	80 g	150 kg



### 5X120 Shuttle lock housing with bushing

The 5X108 dummy set is a spare part for the 6A30=20 product.

**Technical data**

Article number
5X120



### 6A51 Shuttle lock housing with pyramid

This is a spare part for the 6A20=10 shuttle lock.

**Technical data**

Article number
6A51=10



### 6A51 Shuttle lock housing with pyramid receiver

This is a spare part for the 6A20=20 shuttle lock.

**Technical data**

Article number
6A51=20

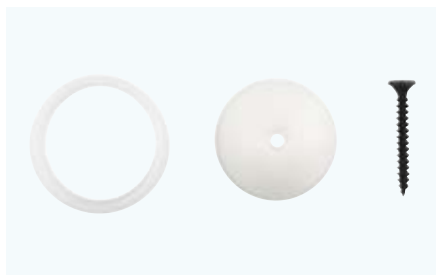


### 506G21 Grub screw

The 5X108 dummy set is a spare part for the 6A30=20 shuttle lock.

**Technical data**

<b>Article number</b>
506G21=M4X10



### 5X55 Dummy set with screw

This is a spare part for the 6A20=10 and 6A20=20 shuttle locks.

**Technical data**

<b>Article number</b>
5X55



### 5X108 Dummy set

This is a spare part for the 6A30=20N shuttle lock.

**Technical data**

<b>Article number</b>
5X108



### 5X125 Dummy set

This is a spare part for the 6A30=10N shuttle lock.

**Technical data**

<b>Article number</b>
5X125



## 4R160 KISS lanyard system

The patented KISS lanyard systems are used for fixation in the transfemoral socket. Thanks to the unique combination of the proximal and distal connection between the socket and liner, pistoning and rotational movements are reduced.

The KISS can be put on while sitting down, making it suitable for users with low mobility grades.

The Delrin KISS kit requires a socket adapter for connection to the modular system. The four-hole endoskeletal KISS kit has a direct connection to the modular system.

### Key features

- Unique proximal and distal connection between the socket and liner
- Reduces pistoning and rotation movements
- Especially well suited for users with low mobility grades
- Can be donned while sitting

### Scope of delivery

4R163	KISS Delrin base	only 4R160=1	1	Piece(s)
4R164	KISS 4-hole base	only 4R160=2	1	Piece(s)
4R165	KISS distal belts (2 pieces)			
4R166	KISS proximal belts (2 pieces)			
4R175	KISS hook-and-loop fixation (set with screw and nut)			
4R174	KISS distal screws (two pieces)			



Max. 150 kg

### Technical data

Article image	Article number	Article description	Instructions for use	Max. body weight	Build height
	4R160=1	The Delrin KISS kit requires a socket adapter for connection to the modular system.	<ul style="list-style-type: none"> <li>• Contracted residual limbs</li> <li>• Carbon frame sockets in combination with ThermoLyn® soft</li> </ul>	-	5 mm
	4R160=2	The four-hole endoskeletal KISS kit has a direct connection to the modular system.	<ul style="list-style-type: none"> <li>• Sockets that are laminated entirely from ThermoLyn® soft without using an inner socket</li> <li>• Residual limb positions approximately equivalent to the alignment reference line</li> </ul>	150 kg	5 mm

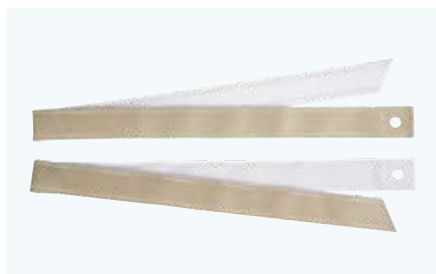
### Information material

647G1646=ALL_INT	Instructions for use   4R160=*
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### Product example



## Accessories/spare parts for lanyard systems



### 4R165 KISS distal belts (2 pieces)

This is a spare part for the 4R160=1 and 4R160=2 KISS.

#### Technical data

<b>Article number</b>
4R165



### 4R166 KISS proximal belts (2 pieces)

This is a spare part for the 4R160=1 and 4R160=2 KISS.

#### Technical data

<b>Article number</b>
4R166



### 4R167 KISS proximal nut and screw (set)

This is a spare part for the 4R160=1 and 4R160=2 KISS.

**Technical data**

<b>Article number</b>
4R167



### 4R175 KISS hook-and-loop fixation (set with screw and nut)

This is a spare part for the 4R160=1 and 4R160=2 KISS.

**Technical data**

<b>Article number</b>
4R175

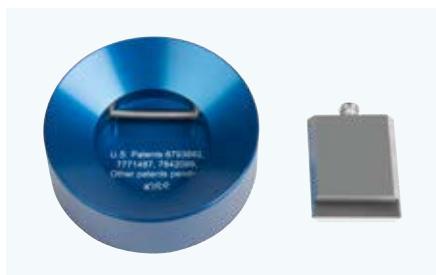


### 4R163 KISS Delrin base

This is a spare part for the 4R160=1 KISS.

**Technical data**

<b>Article number</b>
4R163



### 4R164 KISS 4-hole base

This is a spare part for the 4R160=2 KISS.

**Technical data**

<b>Article number</b>
4R164



### 4R174 KISS distal screws (two pieces)

This is a spare part for the 4R160=1 and 4R160=2 KISS.

**Technical data**

<b>Article number</b>
4R174



### 4R161 Lamination set

This is an accessory for the 4R160=2 KISS.

**Technical data**

<b>Article number</b>
4R161



### 451F24 Residual limb sock

This residual limb sock is made of thin cotton in the distal 1/3 and terry cloth in the proximal 2/3. It is ideally suited for managing partial volume fluctuations. It is available in the lengths 30 cm, 35 cm, 40 cm and 45 cm.

Can be cleaned in the washing machine at 60 °C.

**Key features**

- Distal: 1/3 thin cotton
- Proximal: 2/3 terry cloth

**Technical data**

Article number	Length
451F24=30	30 cm
451F24=35	35 cm
451F24=40	40 cm
451F24=45	45 cm



### 451F25 Residual limb sock with distal hole

This residual limb sock is made of terry cloth in the distal 1/3 and thin cotton in the proximal 2/3. It is ideally suited for managing partial volume fluctuations. It has a distal hole for use with liners with a connector and is available in the lengths 30 cm, 35 cm, 40 cm and 45 cm.

Can be cleaned in the washing machine at 60 °C.

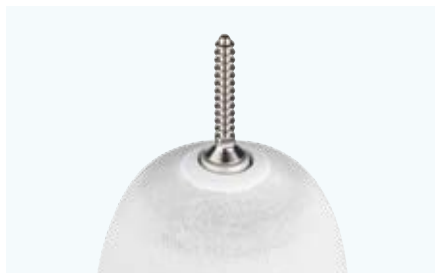
**Key features**

- Distal: 1/3 terry cloth
- Proximal: 2/3 thin cotton
- For use with liners with a connector

**Technical data**

Article number	Length
451F25=30	30 cm
451F25=35	35 cm
451F25=40	40 cm
451F25=45	45 cm

**Product example**



### 451F26 Residual limb sock

This residual limb sock is made of terry cloth in the distal 1/3 and thin cotton in the proximal 2/3. It is ideally suited for managing partial volume fluctuations. It is available in the lengths 30 cm, 35 cm, 40 cm and 45 cm.

Can be cleaned in the washing machine at 60 °C.

**Key features**

- Distal: 1/3 terry cloth
- Proximal: 2/3 thin cotton

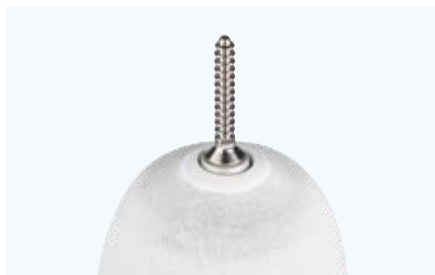
**Technical data**

Article number	Length
451F26=30	30 cm
451F26=35	35 cm
451F26=40	40 cm
451F26=45	45 cm





Product example



## 451F27 Residual limb sock with distal hole

This residual limb sock is made of thin cotton in the distal 1/3 and terry cloth in the proximal 2/3. It is ideally suited for managing partial volume fluctuations. It has a distal hole for use with liners with a connector and is available in the lengths 30 cm, 35 cm, 40 cm and 45 cm.

Can be cleaned in the washing machine at 60 °C.

### Key features

- Distal: 1/3 thin cotton
- Proximal: 2/3 terry cloth
- For use with liners with a connector

### Technical data

Article number	Length
451F27=30	30 cm
451F27=35	35 cm
451F27=40	40 cm
451F27=45	45 cm



## 451F2 Terry cloth residual limb sock

The terry cloth residual limb sock is white and soft to the touch and is used for transtibial prostheses. Made of cotton (85%) and polyamide (15%), it is available in various lengths.

### Key features

- Consistent sock thickness

### Technical data

Article number	Length
451F2=20	20 cm
451F2=25	25 cm
451F2=30	30 cm
451F2=40	40 cm
451F2=45	45 cm
451F2=50	50 cm
451F2=60	60 cm
451F2=80	80 cm



## 451F3 Cotton residual limb sock

The cotton residual limb sock is white, fine and thin and is used for transtibial prostheses. Made of cotton (80%), polyamide (17%) and spandex (3%), it is available in various lengths.

### Key features

- Consistent sock thickness

### Technical data

Article number	Length
451F3=20	20 cm
451F3=25	25 cm
451F3=30	30 cm
451F3=35	35 cm
451F3=40	40 cm
451F3=45	45 cm
451F3=50	50 cm
451F3=60	60 cm



### 451F4 Nylon sheath with distal hole

The nylon sheath is white and has a distal hole for use with liners with a connector. Made of polyamide (90%) and spandex (10%), it is suitable for transtibial and transfemoral prostheses and is available in two lengths for each prosthesis type.

**Key features**

- Consistent sock thickness
- For use with liners with a connector

**Technical data**

Article number	Length
451F4=11-40	40 cm
451F4=20-40	40 cm

Product example



### 451F6 Terry cloth residual limb sock with distal hole

The terry cloth residual limb sock is white and has a distal hole for use with liners with a connector. Made of cotton (85%) and spandex (15%), it is suitable for transtibial and transfemoral prostheses and is available in two lengths for each prosthesis type.

**Key features**

- Consistent sock thickness
- For use with liners with a connector

**Technical data**

Article number	Length
451F6=11-30	30 cm
451F6=11-40	40 cm
451F6=20-30	30 cm
451F6=20-40	40 cm

**Scope of delivery**

451F6	Terry cloth residual limb sock with distal hole	1	Piece(s)
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Product example





### 451F21 Nylon sheath

The nylon sheath has a proximal double-walled seam and is suitable for transtibial prostheses.

It is available in three different sizes.

**Technical data**

Article number	Length
451F21=S	25.5 cm
451F21=M	33 cm
451F21=L	40.5 cm



### 451U1 Wool residual limb sock

The wool residual limb sock is suitable for transtibial prostheses and is available in three different lengths. It is made of new wool (70%) and rayon (30%).

**Technical data**

Article number	Length
451U1=35	35 cm
451U1=45	45 cm
451U1=60	60 cm



### 451F20 Liner FIT KIT

The liner Fit Kit for Uneo liners consists of four socks, two nylon protective sleeves, two spots and a Fit Kit video.

**Technical data**

Article number
451F20

**Scope of delivery**

616S134	616S134=1	Spots	1
616S134	616S134=2	Spots	1
451F21	451F21=M	Nylon sheath	2



## 616S134 Spots

The spots are PU cushions used to compensate for variations in residual limb volume within the socket.

### Technical data

Article number	Diameter
616S134=1	6 cm
616S134=2	9 cm
616S134=3	10 cm
616S134=4	12 cm
616S134=5	14 cm



## 616S132 Sticky Spots

The spots are PU cushions used to compensate for volume fluctuations in the socket. These spots have a self-adhesive coating.

### Technical data

Article number	Diameter
616S132=1	6 cm
616S132=2	9 cm
616S132=3	10 cm
616S132=4	12 cm
616S132=5	14 cm



## 453D7 Derma Seal

This residual limb sock is made of nylon stretch fabric and features a soft polymer gel layer on the inside.

### Technical data

Article number	Residual limb length	Gel length	Distal circumference	Proximal circumference
453D7=1	30 cm	20 cm	16 - 22 cm	16 - 25 cm
453D7=2	40 cm	25 cm	18 - 26 cm	18 - 30 cm
453D7=3	40 cm	25 cm	20 - 31 cm	20 - 35 cm
453D7=4	45 cm	33 cm	20 - 31 cm	20 - 35 cm
453D7=5	45 cm	25 cm	23 - 35 cm	23 - 40 cm
453D7=6	50 cm	33 cm	23 - 35 cm	23 - 40 cm
453D7=7	50 cm	33 cm	27 - 40 cm	27 - 45 cm
453D7=8	50 cm	33 cm	30 - 48 cm	30 - 53 cm

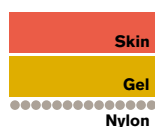
· Possible deviation: ± 10%

### Scope of delivery

453D7	Derma Seal	1	Piece(s)
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### Information material

647G1649=ALL_INT	Instructions for use   453D4, 453D5, 453D7 Derma Seal
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## 453D4 Derma Seal Forte

This residual limb sock is made of durable CoolMax® fabric and features a soft polymer gel layer on the inside.

### Technical data

Article number	Residual limb length	Gel length	Distal circumference	Proximal circumference
453D4=1	30 cm	25 cm	15 - 22 cm	20 - 32 cm
453D4=2	30 cm	25 cm	20 - 26 cm	28 - 42 cm
453D4=3	40 cm	30 cm	20 - 26 cm	28 - 45 cm
453D4=10	65 cm	25 cm	15 - 22 cm	20 - 32 cm
453D4=20	75 cm	30 cm	20 - 26 cm	28 - 42 cm

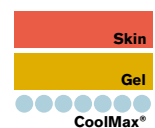
· Possible deviation: ± 10%

### Scope of delivery

453D4	Derma Seal Forte	1	Piece(s)
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### Information material

647G1649=ALL_INT	Instructions for use   453D4, 453D5, 453D7 Derma Seal
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## 453D5 Derma Seal Double Forte

This residual limb sock consists of two durable CoolMax® fabric layers. There is a soft polymer gel between these two fabric layers.

### Technical data

Article number	Residual limb length	Gel length	Distal circumference	Proximal circumference
453D5=1	30 cm	25 cm	15 - 20 cm	20 - 28 cm
453D5=2	30 cm	25 cm	20 - 24 cm	28 - 40 cm
453D5=3	40 cm	30 cm	20 - 24 cm	28 - 43 cm
453D5=10	65 cm	25 cm	15 - 20 cm	20 - 28 cm
453D5=20	75 cm	30 cm	20 - 24 cm	28 - 40 cm

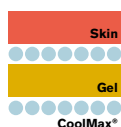
· Possible deviation: ± 10%

### Scope of delivery

453D5	Derma Seal Double Forte	1	Piece(s)
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### Information material

647G1649=ALL_INT	Instructions for use   453D4, 453D5, 453D7 Derma Seal
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## 453D2 Derma Seal Trans Ped

This high-stretch sock is used for Lisfranc/Chopart partial foot amputees.

The Trans Ped has a seamless knit and is made of polyester (95%) and Lycra® spandex (5%). The distal zone inside the sock features a soft polymer gel layer, which protects this specific area from chafing, pressure and loading forces.

### Technical data

Article number	Residual limb length	Size (selection)
453D2=N	22 cm	standard
453D2=XL	50 cm	extra long

### Scope of delivery

453D2	Derma Seal Trans Ped	1	Piece(s)
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### Information material

647G1635=ALL_INT	Instructions for use   453D2 Derma Seal Trans Ped
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## 451F12 Residual limb compression sock

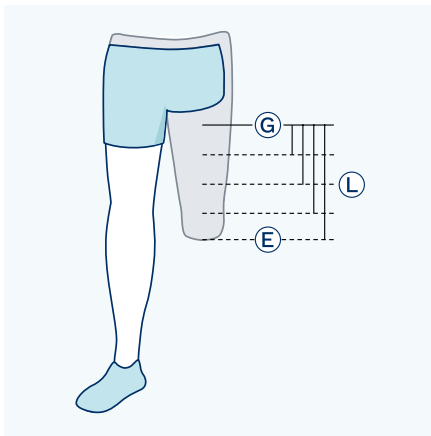
The residual limb compression sock with hip attachment is used in transfemoral prostheses. It is assigned to compression class one (CCL1) and is available in the lengths 20 cm, 25 cm, 30 cm and 35 cm.

### Technical data

Article number	Size	Compression class	Lengths (L) G-E	Circumference E	Circumference G
451F12=XS-20-1	XS	CCL1	20 cm	29 - 31 cm	41 - 44 cm
451F12=XS-25-1	XS	CCL1	25 cm	29 - 31 cm	41 - 44 cm
451F12=XS-30-1	XS	CCL1	30 cm	29 - 31 cm	41 - 44 cm
451F12=XS-35-1	XS	CCL1	35 cm	29 - 31 cm	41 - 44 cm
451F12=S-20-1	S	CCL1	20 cm	31 - 34 cm	44 - 48 cm
451F12=S-25-1	S	CCL1	25 cm	31 - 34 cm	44 - 48 cm
451F12=L-20-1	L	CCL1	20 cm	37 - 40 cm	52 - 56 cm
451F12=L-25-1	L	CCL1	25 cm	37 - 40 cm	52 - 56 cm
451F12=L-30-1	L	CCL1	30 cm	37 - 40 cm	52 - 56 cm
451F12=L-35-1	L	CCL1	35 cm	37 - 40 cm	52 - 56 cm
451F12=XL-25-1	XL	CCL1	25 cm	40 - 43 cm	56 - 60 cm
451F12=XL-30-1	XL	CCL1	30 cm	40 - 43 cm	56 - 60 cm
451F12=XL-35-1	XL	CCL1	35 cm	40 - 43 cm	56 - 60 cm
451F12=XXL-20-1	XXL	CCL1	20 cm	43 - 46 cm	60 - 64 cm
451F12=XXL-25-1	XXL	CCL1	25 cm	43 - 46 cm	60 - 64 cm
451F12=XXL-30-1	XXL	CCL1	30 cm	43 - 46 cm	60 - 64 cm
451F12=XXL-35-1	XXL	CCL1	35 cm	43 - 46 cm	60 - 64 cm

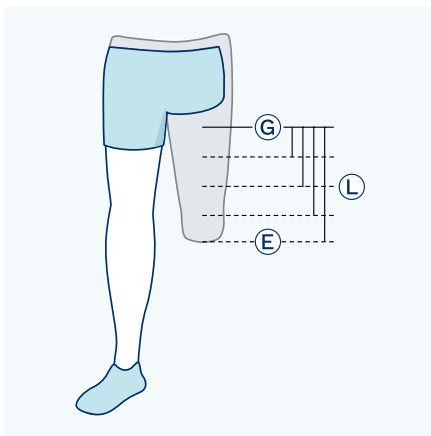
### Information material

647G1632=ALL\_INT Instructions for use | 451F10, 451F11, 451F12, 451F13



### Information material

647G1632=ALL\_INT Instructions for use | 451F10, 451F11, 451F12, 451F13



## 451F11 Residual limb compression sock

The residual limb compression sock with hip attachment is used in transfemoral prostheses. It is assigned to compression class two (CCL2) and is available in the lengths 20 cm, 25 cm, 30 cm and 35 cm.

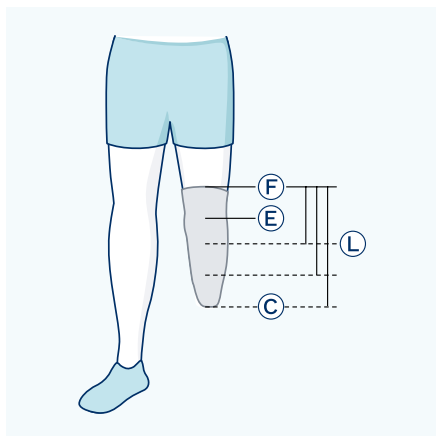
### Technical data

Article number	Size	Compression class	Lengths (L) G-E	Circumference E	Circumference G
451F11=XS-20-1	XS	CCL2	20 cm	29 - 31 cm	41 - 44 cm
451F11=XS-25-1	XS	CCL2	25 cm	29 - 31 cm	41 - 44 cm
451F11=XS-30-1	XS	CCL2	30 cm	29 - 31 cm	41 - 44 cm
451F11=XS-35-1	XS	CCL2	35 cm	29 - 31 cm	41 - 44 cm
451F11=S-20-1	S	CCL2	20 cm	31 - 34 cm	44 - 48 cm
451F11=S-25-1	S	CCL2	25 cm	31 - 34 cm	44 - 48 cm
451F11=S-30-1	S	CCL2	30 cm	31 - 34 cm	44 - 48 cm
451F11=S-35-1	S	CCL2	35 cm	31 - 34 cm	44 - 48 cm
451F11=M-20-1	M	CCL2	20 cm	34 - 37 cm	48 - 52 cm
451F11=M-25-1	M	CCL2	25 cm	34 - 37 cm	48 - 52 cm
451F11=M-30-1	M	CCL2	30 cm	34 - 37 cm	48 - 52 cm
451F11=M-35-1	M	CCL2	35 cm	34 - 37 cm	48 - 52 cm
451F11=L-20-1	L	CCL2	20 cm	37 - 40 cm	52 - 56 cm
451F11=L-25-1	L	CCL2	25 cm	37 - 40 cm	52 - 56 cm
451F11=L-30-1	L	CCL2	30 cm	37 - 40 cm	52 - 56 cm
451F11=L-35-1	L	CCL2	35 cm	37 - 40 cm	52 - 56 cm
451F11=XL-20-1	XL	CCL2	20 cm	40 - 43 cm	56 - 60 cm
451F11=XL-25-1	XL	CCL2	25 cm	40 - 43 cm	56 - 60 cm
451F11=XL-30-1	XL	CCL2	30 cm	40 - 43 cm	56 - 60 cm
451F11=XL-35-1	XL	CCL2	35 cm	40 - 43 cm	56 - 60 cm
451F11=XXL-20-1	XXL	CCL2	20 cm	43 - 46 cm	60 - 64 cm
451F11=XXL-25-1	XXL	CCL2	25 cm	43 - 46 cm	60 - 64 cm
451F11=XXL-30-1	XXL	CCL2	30 cm	43 - 46 cm	60 - 64 cm
451F11=XXL-35-1	XXL	CCL2	35 cm	43 - 46 cm	60 - 64 cm



**Information material**

647G1632=ALL\_INT Instructions for use | 451F10, 451F11, 451F12, 451F13



### 451F13 Residual limb compression sock

The residual limb compression sock with silicone anti-slip strip is used for transtibial prostheses. It is assigned to compression class one (CCL1) and is available in the lengths 30 cm, 38 cm and 46 cm.

**Technical data**

Article number	Size	Compression class	Lengths (L) F-C	Circumference F	Circumference E	Circumference C
451F13=XS-30-1	XS	CCL1	30 cm	39 - 41 cm	29 - 31 cm	27 - 29 cm
451F13=XS-38-1	XS	CCL1	38 cm	39 - 41 cm	29 - 31 cm	27 - 29 cm
451F13=XS-46-1	XS	CCL1	46 cm	39 - 41 cm	29 - 31 cm	27 - 29 cm
451F13=S-30-1	S	CCL1	30 cm	41 - 44 cm	31 - 34 cm	29 - 32 cm
451F13=S-38-1	S	CCL1	38 cm	41 - 44 cm	31 - 34 cm	29 - 32 cm
451F13=S-46-1	S	CCL1	46 cm	41 - 44 cm	31 - 34 cm	29 - 32 cm
451F13=M-30-1	M	CCL1	30 cm	44 - 47 cm	34 - 37 cm	32 - 35 cm
451F13=M-38-1	M	CCL1	38 cm	44 - 47 cm	34 - 37 cm	32 - 35 cm
451F13=M-46-1	M	CCL1	46 cm	44 - 47 cm	34 - 37 cm	32 - 35 cm
451F13=L-30-1	L	CCL1	30 cm	47 - 50 cm	37 - 40 cm	35 - 38 cm
451F13=L-38-1	L	CCL1	38 cm	47 - 50 cm	37 - 40 cm	35 - 38 cm
451F13=L-46-1	L	CCL1	46 cm	47 - 50 cm	37 - 40 cm	35 - 38 cm
451F13=XL-30-1	XL	CCL1	30 cm	50 - 53 cm	40 - 43 cm	38 - 41 cm
451F13=XL-38-1	XL	CCL1	38 cm	50 - 53 cm	40 - 43 cm	38 - 41 cm
451F13=XL-46-1	XL	CCL1	46 cm	50 - 53 cm	40 - 43 cm	38 - 41 cm
451F13=XXL-30-1	XXL	CCL1	30 cm	60 - 64 cm	43 - 46 cm	41 - 44 cm
451F13=XXL-38-1	XXL	CCL1	38 cm	60 - 64 cm	43 - 46 cm	41 - 44 cm
451F13=XXL-46-1	XXL	CCL1	46 cm	60 - 64 cm	43 - 46 cm	41 - 44 cm

### 451F10 Residual limb compression sock

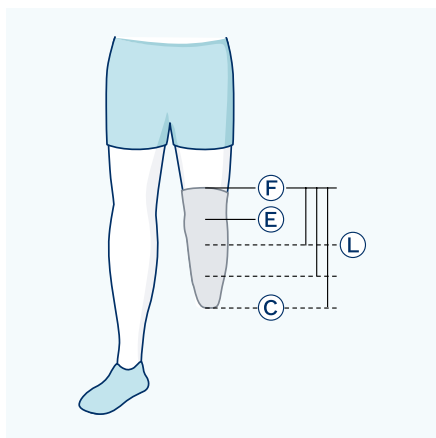
The residual limb compression sock with silicone anti-slip strip is used for transtibial prostheses. It is assigned to compression class two (CCL2) and is available in the lengths 30 cm, 38 cm and 46 cm.

**Technical data**

Article number	Size	Compression class	Lengths (L) F-C	Circumference F	Circumference E	Circumference C
451F10=XS-30-1	XS	CCL2	30 cm	39 - 41 cm	29 - 31 cm	27 - 29 cm
451F10=XS-38-1	XS	CCL2	38 cm	39 - 41 cm	29 - 31 cm	27 - 29 cm
451F10=XS-46-1	XS	CCL2	46 cm	39 - 41 cm	29 - 31 cm	27 - 29 cm
451F10=S-30-1	S	CCL2	30 cm	41 - 44 cm	31 - 34 cm	29 - 32 cm
451F10=S-38-1	S	CCL2	38 cm	41 - 44 cm	31 - 34 cm	29 - 32 cm
451F10=S-46-1	S	CCL2	46 cm	41 - 44 cm	31 - 34 cm	29 - 32 cm
451F10=M-30-1	M	CCL2	30 cm	44 - 47 cm	34 - 37 cm	32 - 35 cm
451F10=M-38-1	M	CCL2	38 cm	44 - 47 cm	34 - 37 cm	32 - 35 cm
451F10=M-46-1	M	CCL2	46 cm	44 - 47 cm	34 - 37 cm	32 - 35 cm
451F10=L-30-1	L	CCL2	30 cm	47 - 50 cm	37 - 40 cm	35 - 38 cm
451F10=L-38-1	L	CCL2	38 cm	47 - 50 cm	37 - 40 cm	35 - 38 cm
451F10=L-46-1	L	CCL2	46 cm	47 - 50 cm	37 - 40 cm	35 - 38 cm
451F10=XL-30-1	XL	CCL2	30 cm	50 - 53 cm	40 - 43 cm	38 - 41 cm
451F10=XL-38-1	XL	CCL2	38 cm	50 - 53 cm	40 - 43 cm	38 - 41 cm
451F10=XL-46-1	XL	CCL2	46 cm	50 - 53 cm	40 - 43 cm	38 - 41 cm
451F10=XXL-30-1	XXL	CCL2	30 cm	60 - 64 cm	43 - 46 cm	41 - 44 cm
451F10=XXL-38-1	XXL	CCL2	38 cm	60 - 64 cm	43 - 46 cm	41 - 44 cm
451F10=XXL-46-1	XXL	CCL2	46 cm	60 - 64 cm	43 - 46 cm	41 - 44 cm

**Information material**

647G1632=ALL\_INT Instructions for use | 451F10, 451F11, 451F12, 451F13







## 6Y44 Compression liner

The 6Y44 silicone liner is suitable for high-quality compression therapy. This liner is easy to handle and can undergo a decontamination process, so it can be reused on up to seven patients. The 6Y44 compression liner can be combined with a valve.

### Technical data

Article number	Size	Wall thickness
6Y44=160	160 mm	3 mm
6Y44=180	180 mm	3 mm
6Y44=200	200 mm	3 mm
6Y44=220	220 mm	3 mm
6Y44=235	235 mm	3 mm
6Y44=250	250 mm	3 mm
6Y44=265	265 mm	3 mm
6Y44=280	280 mm	3 mm
6Y44=300	300 mm	3 mm
6Y44=320	320 mm	3 mm
6Y44=340	340 mm	3 mm
6Y44=360	360 mm	3 mm
6Y44=400	400 mm	3 mm

### Scope of delivery

6Y44	Compression liner
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### Information material

647G1521=ALL_INT	Instructions for use   6Y44, 6Y45
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## 6Y45 Compression liner

The 6Y45 silicone liner is suitable for high-quality compression therapy. This liner is easy to handle and can undergo a decontamination process, so it can be reused on up to seven patients. The 6Y45 compression liner can be combined with the shuttle lock

### Technical data

Article number	Size	Wall thickness
6Y45=120	120 mm	3 mm
6Y45=140	140 mm	3 mm
6Y45=160	160 mm	3 mm
6Y45=180	180 mm	3 mm
6Y45=200	200 mm	3 mm
6Y45=210	210 mm	3 mm
6Y45=220	220 mm	3 mm
6Y45=235	235 mm	3 mm
6Y45=250	250 mm	3 mm
6Y45=265	265 mm	3 mm
6Y45=280	280 mm	3 mm
6Y45=300	300 mm	3 mm
6Y45=320	320 mm	3 mm
6Y45=340	340 mm	3 mm
6Y45=360	360 mm	3 mm
6Y45=380	380 mm	3 mm
6Y45=400	400 mm	3 mm
6Y45=420	420 mm	3 mm
6Y45=450	450 mm	3 mm

### Scope of delivery

6Y45	Compression liner
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### Information material

647G1521=ALL_INT	Instructions for use   6Y44, 6Y45
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## 6T2 Pedilin cone for soft socket

Pedilin® has a proven track record for soft inner sockets over many years. The material retains its shape and is skin-friendly and hygienic. The prefabricated cones have an exact and reliable bond seam. You can start with thermoplastic shaping immediately, eliminating sanding and gluing work.

### Technical data

Article number	Circumference 1	Circumference 2	Height	Thickness
6T2=1	420 mm	200 mm	420 mm	5 mm
6T2=2	455 mm	260 mm	420 mm	5 mm
6T2=3	515 mm	295 mm	420 mm	5 mm

### Scope of delivery

6T2	Pedilin cone for soft socket	1	Piece(s)
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## 5A60 Varos

The Varos socket and Varos liner are recommended as a combination for reliable interim and definitive fitting for users with a transfemoral amputation. The prefabricated socket allows a quick assembly and custom adaption. The socket circumference can be easily adjusted by the user at any time using two adjustment wheels to compensate volume changes. The Varos socket is available in a standard and a conical version.



Max. 125 kg

### Information material

647G1099=ALL_INT	Instructions for use (qualified personnel)   5A60=* Varos
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### Technical data

Article number	Side	Size	Residual limb length	Proximal residual limb circumference	Distal residual limb circumference	Max. body weight
5A60=L-S	left (L)	S	200–320 mm	410–510 mm	320–390 mm	100 kg
5A60=R-S	right (R)	S	200–320 mm	410–510 mm	320–390 mm	100 kg
5A60=L-SC	left (L)	S	200–320 mm	460–580 mm	320–390 mm	100 kg
5A60=R-SC	right (R)	S	200–320 mm	460–580 mm	320–390 mm	100 kg
5A60=L-M	left (L)	M	200–320 mm	460–580 mm	350–440 mm	100 kg
5A60=R-M	right (R)	M	200–320 mm	460–580 mm	350–440 mm	100 kg
5A60=L-MC	left (L)	M	200–320 mm	460–580 mm	350–440 mm	100 kg
5A60=R-MC	right (R)	M	200–320 mm	520–650 mm	350–440 mm	100 kg
5A60=L-L	left (L)	L	200–320 mm	520–650 mm	400–490 mm	125 kg
5A60=R-L	right (R)	L	200–320 mm	520–650 mm	400–490 mm	125 kg

- The -C included in an item number indicates “conical”.



## 6Y200 Varos liner

Varos liner – the liner for the Varos socket system

The Varos Liner is a special liner for the Varos socket system and provides the user not only with a secure hold in the socket, but also a good wearing comfort due to improved pressure distribution.

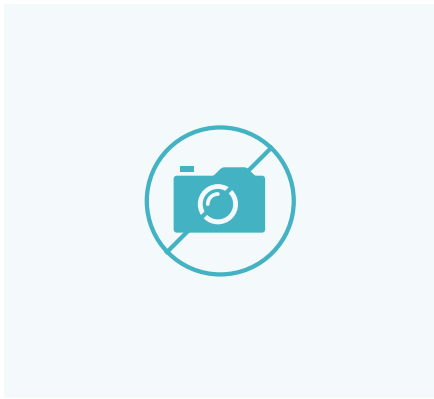
### Scope of delivery

6Y200	Varos liner
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### Technical data

Article number	Size (selection)	Proximal residual limb circumference	Distal residual limb circumference
6Y200=S-1	S	420 - 490 mm	310 - 350 mm
6Y200=SC-1	S	480 - 550 mm	310 - 350 mm
6Y200=S-2	S	450 - 520 mm	330 - 370 mm
6Y200=SC-2	S	510 - 580 mm	330 - 370 mm
6Y200=M-1	M	480 - 550 mm	350 - 410 mm
6Y200=MC-1	M	530 - 610 mm	360 - 410 mm
6Y200=M-2	M	510 - 580 mm	390 - 440 mm
6Y200=MC-2	M	560 - 650 mm	390 - 440 mm
6Y200=L-1	L	530 - 610 mm	400 - 450 mm
6Y200=L-2	L	560 - 650 mm	430 - 490 mm

- Please note that it is not possible to combine size L liners with sockets of any other size.



## 112T1 MyFit TF test socket

Enhance your socket designs with a digital workflow powered by decades of clinical expertise. MyFit TF is a purpose-built, online software solution that empowers O&P professionals to rapidly create test and interim sockets for transfemoral amputees.

### Technical data

#### Note

Please select items for "Attributes".

### Information material

Instruction for use | Prefabrication lower limb prosthetics

## Accessories/spare parts for 112T1



## 743R13 MyFit TF bag

Case including all relevant tools for MyFit TF

### Technical data

#### Article number

743R13



## 114S1 MyFit TT

MyFit TT, for test and 3D-printed definitive sockets, is the easy way to boost your efficiency. With a fast and easy digital design process, it supports optimal fitting results within less time.

Both the scanning and the modification software are intuitive to use, making MyFit TT the ideal start into digitizing your patient care

### Key features

- Thermoplastic check socket made of proven ThermoLyn
- 3D-printed definitive socket
- Lightweight and thin-walled
- Integrated pre-assembled 4-hole connection
- Bionic structure for an excellent weight/stability ratio
- Tested for a body weight of 125 kg with 3 million gait cycles (ISO 10328)

### Information material

646D1722=EN_MASTER	Product information for technicians/qualified personnel
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## 7T450 SiOCX TF

By combining innovative materials such as HTV silicone, carbon prepreg and flexible Dyneema woven fabric, SiOCX TF prosthetic sockets ensure optimal bedding of the residual limb as well as optimal control of the prosthesis. SiOCX TF sockets are suitable for users at all activity levels who value functionality, a high degree of mobility, comfort and hygiene.

### Key features

- High surface suspension for excellent fixation on the residual limb
- Greater stability through the use of carbon in the socket attachment block and the outer socket
- Easy to clean and sterilisable
- Dermatologically tested material
- Flexible socket brims that adapt to user movements
- Gel cushions to protect sensitive areas of the residual limb
- Enhanced sitting comfort thanks to flexible outer socket sections

### Information material

646D437=GB	Information for technicians – SiOCX TF sockets
647F664=EN_MASTER	Order form   7T450=1 SiOCX TF
646F530=EN	SiOCX TF sockets poster
647G617	Instructions for use   SiOCX TF 7T450=1, 7T451=1, 7T431=*, 7T452=*

### Technical data

<b>Article number</b>
7T450=1

### Customised products from Ottobock iFab

Ottobock iFab is an extended workbench that serves as your reliable partner for the centralised fabrication of custom devices in orthotics and prosthetics in the era of digital transformation.

For information about iFab products, or if you have questions or comments, please contact us: [ifab@ottobock.com](mailto:ifab@ottobock.com)



## 7T451 SiOCX TF Pro

With the SiOCX TF Pro, the outer socket has been reduced to the structures necessary for support and guidance of the prosthesis. In the front and rear, the stiff socket brim is replaced by a flexible, strong Dyneema strap. This results in an improved sense of surroundings, more comfortable sitting and greater freedom of movement for the musculature.

### Key features

- High surface suspension for excellent fixation on the residual limb
- Greater stability through the use of carbon in the socket attachment block and the outer socket
- Easy-to-clean solution that can be sterilised
- Dermatologically tested material
- Flexible socket brims that adapt to user movements
- Gel cushions to protect sensitive areas of the residual limb
- Enhanced sitting comfort thanks to flexible outer socket sections
- Improved sense of surroundings thanks to frame socket

### Information material

646D437=GB	Information for technicians – SiOCX TF sockets
647F665=EN_MASTER	Order form   7T451=1 SiOCX TF Pro
646F530=EN	SiOCX TF sockets poster
647G617	Instructions for use   SiOCX TF 7T450=1, 7T451=1, 7T431=*, 7T452=*

### Technical data

<b>Article number</b>
7T451=1

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For information about iFab products, or if you have questions or comments, please contact us: [ifab@ottobock.com](mailto:ifab@ottobock.com)

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# Prostheses covers.

## Prosthesis covers for microprocessor-controlled knee joints

	3F1=1	3F1=2	3S26	3S27	4X193-1 4X900	4X880	4X860	4P862	4X840	4P110=7	4P100=7	3F2=S/L-4	3F2=S/L-15	3D13=1 (optional for 3F2=S/L-*)
3C60			•						•					
3C88-3	•		•				•	•						
3C98-3	•		•	•			•	•						
3B1-2/3B1-3		•	•	•		•								
3B1-2=ST/3B1-3=ST		•	•			•								
3B5-2/3B5-3					•									
3B5-4									•	•	•	•	•	•

## Prosthesis covers for mechanical knee joints

	3R6	3S106	3R24	3S124	3S107	3S27	6R6*	6R8	6R18	88A20
3R15	•	•					•			
3R17/3R20/3R33			•	•		•				
3R21/3R23/3R30/ 3R32/3R46	(•)	(•)					•			
3R31					•	•				
3R31=ST					•					
3R36			•	•		•				
3R40			•	•						
3R41					•					
3R49/3R55	•	•								
3R60/3R60=ST					•					
3R60=KD					(•)		•			
3R60=HD						•				
3R60-PRO/ 3R60-PRO=ST					•					
3R60-PRO=KD					(•)		•			
3R60-PRO=HD						•				
3R62/3R62=ST/ 3R62=1/3R62=1-ST					•					
3R62=KD					(•)		•			
3R62=1-KD					(•)		•			
3R78					•	•				
3R78=KD					(•)		•			
3R78=ST					•					
3R80					•	•				
3R90					•					
3R92					•					
3R93		•			•					
3R95			•	•	•					
3R106/3R106=ST					•					
3R106=KD					(•)		•			
3R106-PRO					•					
3R106-PRO=ST					•					
3R106-PRO=KD					(•)		•			
7E4/7E5/7E7/ 7E9/7E10						•				
Transtibial							•	•	•	•

\*The 6R6 lower leg foam cover is recommended for knee disarticulation prostheses. Alternatively, a thigh foam cover can be used according to the combination overview (•)

**Scope of delivery**

3F1=1	Functional cosmesis C-Leg 4
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**Information material**

647G1289=ALL_INT	Instructions for use (qualified personnel)   3F1=1, 3F1=2
647H914=ALL_INT	Instructions for use (user)   3F1=1, 3F1=2

## 3F1=1 Functional cosmesis C-Leg

The functional cosmesis essentially consists of a functional knee part, an individually mouldable functional shank made of foam and a functional stocking that forms the exterior finish of the functional cosmesis. The illustration shows the complete solution. The functional stocking has to be ordered separately (see reference number 99B120).

**Key features**

- Functional solution to restore the individual leg volume and a natural look
- Functionally harmonised with other prosthesis functions (such as using the rotation adapter)
- Multi-part product: functional knee part with functional shank (3F1=1) and functional stocking (99B120)
- High degree of prefabrication
- Can be used up to a knee axis–floor measurement of 560 mm
- Also suitable for longer sockets. In case of a collision between the functional knee part and the socket, the upper area of the functional knee part can be sanded. If the collision cannot be eliminated by sanding, the upper knee part has to be removed entirely
- Compatible with knee joints: 3C98-3 and 3C88-3
- Compatible with prosthetic feet: 1A30, 1B1, 1C10, 1C11, 1C30, 1C40, 1C50, 1C56, 1C60, 1C61, 1C63, 1C64, 1C66, 1C70, 1D10, 1D11, 1D35, 1M10, 1E56, 1E57
- Compatible with rotation adapters: 4R57, 4R57=ST (the medial angle adjustment in the direction of the rotation adapter's release button is limited to max. 4.3°. Otherwise, the rotation adapter and functional knee part come into contact with each other)

**Technical data**

Article number	Weight
3F1=1	910 g

**Important for your order:**

- The 99B120 Functional stocking for the functional cosmesis must be ordered separately.
- The functional cosmesis C-Leg is designed for use with the 4X157 Charger extension cable for the knee. The cable must be ordered separately if required.
- A potential collision between the functional knee part and socket must be checked using the 4H105 C-Leg knee extender. The extender must be ordered separately if required.
- 3F1=1 scope of delivery: functional knee part, functional shank, nylon stocking, screwdriver with flag handle, four cable ties, four dummy plugs (plastic set screws), instructions for use (qualified personnel), instructions for use (user), additional documentation with tips for designing the thigh area

## Accessories/spare parts for 3F1=1

10



### 3F1=1-N Functional cosmesis C-Leg (functional knee part)

Functional knee part for functional cosmesis C-Leg, spare part for 3F1=1.

**Technical data**

Article number
3F1=1-N



### 3P101=1 Functional shank C-Leg

Functional shank C-Leg (shank made of foam, including nylon stocking), spare part for 3F1=1.

**Technical data**

Article number
3P101=1



### 3P102 Nylon stocking

Nylon stocking for functional cosmesis. The nylon stocking is put on after sanding the shank in order to smooth the surface, making it easier to pull on the functional stocking; spare part for 3F1=1 and 3F1=2.

**Technical data**

**Article number**

3P102



### 4X156 Charger extension cable, ankle

Charger extension cable for relocating the charging receptacle to the ankle, cable length is 30 cm.

**Technical data**

**Article number**

4X156-1



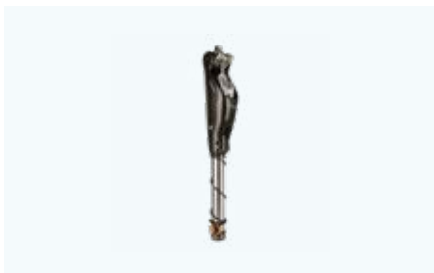
### 4X157 Charger extension cable, knee

Charger extension cable for relocating the charging receptacle to the knee area. Especially well suited when using the functional cosmesis for the C-Leg.

**Technical data**

**Article number**

4X157-1



### 4X158 Charger extension cable, ankle, long

Charger extension cable for relocating the charging receptacle to the ankle, cable length is 80 cm.

**Technical data**

**Article number**

4X158-1

· The charging cable extensions cannot be used in combination with the C-Leg Protective Cover.



### 4H105 Knee extender

The knee extender is mandatory for bench alignment of the prosthesis. It ensures the recommended sagittal positioning of the prosthetic components – the foot, socket and knee joint – relative to each other and thereby guarantees the full functionality of the C-Leg.

**Technical data**

**Article number**

4H105



## 3F1=2 Functional cosmesis Genium

The functional cosmesis essentially consists of a functional knee part, an individually mouldable functional shank made of foam and a functional stocking that forms the exterior finish of the functional cosmesis. The illustration shows the complete solution. The functional stocking has to be ordered separately (see reference number 99B120).

### Key features

- Functional solution to restore the individual leg volume and a natural look
- Functionally harmonised with other prosthesis functions (such as using the rotation adapter)
- Multi-part product: functional knee part with functional shank (3F1=2) and functional stocking (99B120)
- High degree of prefabrication
- Can be used up to a knee axis–floor measurement of 560 mm
- Also suitable for longer sockets. In case of a collision between the functional knee part and the socket, the upper area of the functional knee part can be sanded. If the collision cannot be eliminated by sanding, the upper knee part has to be removed entirely
- Compatible with knee joints: 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- Compatible with prosthetic feet: 1A30, 1B1, 1C10, 1C11, 1C30, 1C40, 1C50, 1C56, 1C60, 1C61, 1C63, 1C64, 1C66, 1C70, 1D10, 1D11, 1D35, 1M10, 1E56, 1E57
- Compatible with rotation adapters: 4R57, 4R57=ST (the medial angle adjustment in the direction of the rotation adapter's release button is limited to max. 3.2°. Otherwise, the rotation adapter and functional knee part come into contact with each other)

### Scope of delivery

3F1=2	Functional cosmesis Genium
3P101=2	Functional shank Genium
3P102	Nylon stocking
4X259	Installation ring for inductive charger

### Information material

647G1289=ALL_INT	Instructions for use (qualified personnel)   3F1=1, 3F1=2
647H914=ALL_INT	Instructions for use (user)   3F1=1, 3F1=2

### Technical data

Article number	Weight
3F1=2	910 g

Important for your order:

- The 99B120 Functional stocking for the functional cosmesis must be ordered separately.
- 3F1=2 scope of delivery: functional knee part, functional shank, nylon stocking, 4X259 Installation ring for inductive charger, screwdriver with flag handle, four cable ties, four dummy plugs (plastic set screws), instructions for use (qualified personnel), instructions for use (user), additional documentation with tips for designing the thigh area

## Accessories/spare parts for 3F1=2



### 3F1=2-N Functional cosmesis Genium (functional knee part)

Functional knee part for functional cosmesis Genium, spare part for 3F1=2.

### Technical data

Article number
3F1=2-N



### 3P101=2 Functional shank Genium

Functional shank Genium (shank made of foam, including nylon stocking and 4X259 Installation ring for inductive charger), spare part for 3F1=2.

### Technical data

Article number
3P101=2



### 3P102 Nylon stocking

Nylon stocking for functional cosmesis. The nylon stocking is put on after sanding the shank in order to smooth the surface, making it easier to pull on the functional stocking; spare part for 3F1=1 and 3F1=2.

### Technical data

Article number
3P102



## 99B120 Functional stocking for functional cosmesis

The easy-care functional stocking forms the exterior finish of the functional cosmesis. It features natural shading and various functional zones. Compatible with 3F1=1 and 3F1=2. Available in the colours beige (colour no. 4), light brown (colour no. 15) and black (colour no. 7) and in two sizes (S, L).

### Key features

- Compatible with 3F1=1 and 3F1=2
- Equipped with functional zones (elastic knee part, area for inductive charging in the calf (Genium), concealing fleece yarn zones)
- Natural shading
- Washable
- Repels dirt and splashed water
- Available in the colours beige (colour no. 4), light brown (colour no. 15) and black (colour no. 7) and in two sizes

### Scope of delivery

99B120	Functional stocking for functional cosmesis
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### Information material

647G1289=ALL_INT	Instructions for use (qualified personnel)   3F1=1, 3F1=2
647H914=ALL_INT	Instructions for use (user)   3F1=1, 3F1=2

### Technical data

Article number	Size	Colour code
99B120=S-4	S	4
99B120=L-4	L	4
99B120=S-7	S	7
99B120=L-7	L	7
99B120=S-15	S	15
99B120=L-15	L	15



## 3F2=0 Functional cosmesis Genium X4

The functional cosmesis essentially consists of a functional knee part, an individually mouldable functional shank made of foam and a functional stocking that forms the exterior finish of the functional cosmesis.

### Key features

- Functional solution to restore the individual leg volume and a natural look
- Removable with 3D13=1 thigh kit/magnetic closure
- Functionally harmonised with other prosthesis functions (such as using a rotation adapter)
- Multi-part product: Functional knee part with functional shank (3F2=0) and functional stocking (99B122)
- High degree of pre-fabrication
- Can be used up to a knee axis-floor measurement of 560 mm
- Also suitable for longer sockets. In case of a collision between the functional knee part and the socket, the upper area of the functional knee part can be removed
- Compatible with knee joints: 3B5-4=P, 3B5-4=ST
- Compatible with prosthetic feet: 1A30, 1B1-2, 1C10, 1C11, 1C30-1, 1C40, 1C50, 1C51, 1C53, 1C56, 1C60, 1C61, 1C63, 1C64, 1C70, 1D10, 1D11, 1D35, 1M10, 1E56, 1E57, F21, F22
- Compatible with rotation adapters: 4R57=WR, 4R57=ST-WR

### Technical data

Article number	Moisture resistance	Weight with functional stocking	Weight w/o functional stocking
3F2=0	IP67 (weatherproof)	975-1005 g	915 g

## Accessories/spare parts for 3F2=0



## 99B122 Functional Stocking

The easy-care functional stocking forms the exterior finish of the functional cosmesis. It features natural shading and various functional zones. Compatible with 3F2=0.

### Key features

- Compatible with 3F2=0
- Natural shading
- Washable
- Repels dirt and splashed water
- Available in the colours beige (colour no. 4), light brown (colour no. 15) and in the sizes small and large (S, L)

### Technical data

Article number	Size	Colour
99B122=S-4	S	4
99B122=L-4	L	4
99B122=S-15	S	15
99B122=L-15	L	15

### Order example

Article number	=	Size	-	Colour
99B122	=	L	-	4



## 3D13 Thigh kit/Magnetic closure

A transitional element (thigh connection) with molding and shaping characteristics can be used as a socket connection to ensure that the knee part is fitted to the transfemoral socket in an optimal manner. A textile finish and a magnetic closure enable the user to remove the connection.

### Key features

- Compatible with knee joints: 3B5-4=P, 3B5-4=ST

### Technical data

Article number	Weight of the textile finish	Weight of the magnetic closure
3D13=1	26 g	28 g

- The magnetic closure and the textile finish are not included in the scope of delivery of the functional cosmesis as they are parts of the 3D13=1 thigh kit/magnetic closure.



### 3S26 Foam cover

The 3S26 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

**Key features**

- Material: PUR foam
- Compatible with knee joints: 3C60, 3C88-3, 3C98-3, 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S26=L44	PUR	44 cm	20 °	left	Approx. 95 cm
3S26=R44	PUR	44 cm	20 °	right	Approx. 95 cm

**Scope of delivery**

3S26	Foam cover
------	------------

**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
-----------------	--

- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



### 3R6 Foam cover

The 3R6 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

**Key features**

- Material: PUR foam
- Compatible with knee joints: 3R15, 3R21\*, 3R23\*, 3R30\*, 3R32\*, 3R46\*, 3R49, 3R55
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3R6=L36	PUR	36 cm	30 °	left	Approx. 94 cm
3R6=R36	PUR	36 cm	30 °	right	Approx. 94 cm
3R6=L40	PUR	40 cm	30 °	left	Approx. 94 cm
3R6=R40	PUR	40 cm	30 °	right	Approx. 94 cm
3R6=L44	PUR	44 cm	30 °	left	Approx. 94 cm
3R6=R44	PUR	44 cm	30 °	right	Approx. 94 cm

**Scope of delivery**

3R6	Foam cover
-----	------------

**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
-----------------	--

- \*Knee joints for knee disarticulation prostheses. The 6R6 lower leg foam cover is recommended for knee disarticulation prostheses. Alternatively, the appropriate thigh foam cover for the respective joint can be used.
- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



**Information material**

647G479=ALL\_INT

Instructions for use | 3R6,  
3R24, 3R48, 3S26, 3S27,  
3S106, 3S107, 3S124, 6R6,  
6R7, 6R8, 6R18

## 3S106 Foam cover

The 3S106 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped. The covers also come with a conical opening in the area of the thigh for easier fitting of the prosthetic socket.

**Key features**

- Material: PUR foam
- Compatible with knee joints: 3R15, 3R21\*, 3R23\*, 3R30\*, 3R32\*, 3R46\*, 3R49, 3R55, 3R93
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee
- Conical opening in the area of the thigh for easier fitting of the socket

**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S106=L36	PUR	36 cm	35 °	left	Approx. 94 cm
3S106=R36	PUR	36 cm	35 °	right	Approx. 94 cm
3S106=L40	PUR	40 cm	35 °	left	Approx. 94 cm
3S106=R40	PUR	40 cm	35 °	right	Approx. 94 cm
3S106=L44	PUR	44 cm	35 °	left	Approx. 94 cm
3S106=R44	PUR	44 cm	35 °	right	Approx. 94 cm

- \*Knee joints for knee disarticulation prostheses. The 6R6 lower leg foam cover is recommended for knee disarticulation prostheses. Alternatively, the appropriate thigh foam cover for the respective joint can be used.
- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.

**Information material**

647G479=ALL\_INT

Instructions for use | 3R6,  
3R24, 3R48, 3S26, 3S27,  
3S106, 3S107, 3S124, 6R6,  
6R7, 6R8, 6R18

## 3R24 Foam cover

The 3R24 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

**Key features**

- Material: PUR foam
- Compatible with knee joints: 3R17, 3R20, 3R33, 3R36, 3R40, 3R95
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3R24=L36	PUR	36 cm	30 °	left	Approx. 94 cm
3R24=R36	PUR	36 cm	30 °	right	Approx. 94 cm
3R24=L40	PUR	40 cm	30 °	left	Approx. 94 cm
3R24=R40	PUR	40 cm	30 °	right	Approx. 94 cm
3R24=L44	PUR	44 cm	30 °	left	Approx. 94 cm
3R24=R44	PUR	44 cm	30 °	right	Approx. 94 cm

- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
-----------------	--

### 3S124 Foam cover

The 3S124 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped. The covers also come with a conical opening in the area of the thigh for easier fitting of the prosthetic socket.

**Key features**

- Material: PUR foam
- Compatible with knee joints: 3R17, 3R20, 3R33, 3R36, 3R40, 3R95
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee
- Conical opening in the area of the thigh for easier fitting of the socket



**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S124=L36	PUR	36 cm	35 °	left	Approx. 94 cm
3S124=R36	PUR	36 cm	35 °	right	Approx. 94 cm
3S124=L40	PUR	40 cm	35 °	left	Approx. 94 cm
3S124=R40	PUR	40 cm	35 °	right	Approx. 94 cm
3S124=L44	PUR	44 cm	35 °	left	Approx. 94 cm
3S124=R44	PUR	44 cm	35 °	right	Approx. 94 cm

- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



**Scope of delivery**

3S107	Foam cover
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**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
-----------------	--

### 3S107 Foam cover

The 3S107 covers for modular transfemoral prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

**Key features**

- Material: PUR foam
- Compatible with knee joints: 3R31, 3R31=ST, 3R41, 3R60, 3R60=ST, 3R60=VC, 3R60=KD\*, 3R60-PRO, 3R60-PRO=ST, 3R60-PRO=KD\*, 3R62, 3R62=ST, 3R62=1-ST, 3R62=KD\*, 3R62-1=KD\*, 3R78, 3R78=KD\*, 3R78=ST, 3R80, 3R90, 3R90-1, 3R92, 3R92-1, 3R93, 3R93-1, 3R106, 3R106=ST, 3R106=KD\*, 3R106-PRO
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee

**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S107=L40	PUR	40 cm	35 °	left	Approx. 94 cm
3S107=R40	PUR	40 cm	35 °	right	Approx. 94 cm
3S107=L44	PUR	44 cm	35 °	left	Approx. 94 cm
3S107=R44	PUR	44 cm	35 °	right	Approx. 94 cm

- \*Knee joints for knee disarticulation prostheses. The 6R6 lower leg foam cover is recommended for knee disarticulation prostheses. Alternatively, the appropriate thigh foam cover for the respective joint can be used.
- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.

**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
-----------------	--

## 3S27 Foam cover

The 3S27 covers for modular hip disarticulation prostheses restore the natural leg volume. They have a stepped centre hole and are partly anatomically pre-shaped.

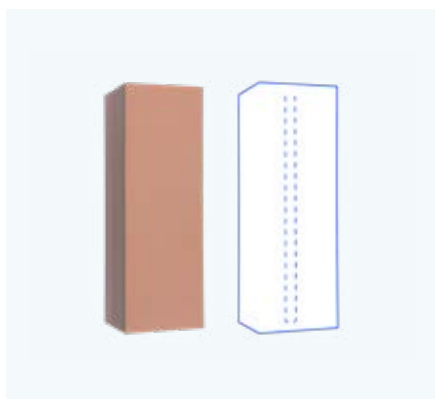
**Key features**

- Material: PUR foam
- Compatible with hip joints: 7E4, 7E5, 7E7, 7E9, 7E10
- Compatible with knee joints: 3C98-3, 3B1-2, 3B1-3, 3R15, 3R17, 3R20, 3R31, 3R33, 3R36, 3R60=HD, 3R60-PRO=HD, 3R78, 3R80
- With stepped centre hole
- Partly anatomically pre-shaped
- Pre-flexed in the area of the knee
- Longer at about 110 cm and, with a diameter of about 31 cm, wider at the top than the models for transfemoral prostheses

**Technical data**

Article number	Material	Calf circumference	Knee flexion	Side	Length
3S27=L44	PUR	44 cm	20 °	left	Approx. 110 cm
3S27=R44	PUR	44 cm	20 °	right	Approx. 110 cm

- The material is flame retardant according to DIN 75200. Complies with MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.

**Scope of delivery**

6R8	Foam cover
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**Information material**

647G25=ALL_INT	Instructions for use   6R8, 6R18
----------------	----------------------------------

## 6R8 Foam cover

The 6R8 covers for modular transtibial prostheses restore the natural leg volume. The blocks are not pre-shaped and can be used on the left or right side.

**Key features**

- Material: PE foam
- With 30 mm or 34 mm diameter bore

**Technical data**

Article number	Material	For tube diameter	Length
6R8=30	Polyethylene foam	30 mm	Approx. 48 cm
6R8=34	Polyethylene foam	34 mm	Approx. 48 cm

- The material is flame retardant according to DIN 3795 and meets MVSS 302 ≤ 100 mm.
- The material is flame retardant according to ISO 3795 and meets MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



**Information material**

647G25=ALL_INT	Instructions for use   6R8, 6R18
----------------	----------------------------------

## 6R18 Foam cover

The 6R18 covers for modular transtibial prostheses restore the natural leg volume. They are slightly pre-shaped and can be used on the left or right side.

**Key features**

- Material: PE foam
- With 30 mm or 34 mm diameter bore
- Slightly pre-shaped

**Technical data**

Article number	Material	For tube diameter	Length
6R18=30	Polyethylene foam	30 mm	Approx. 48 cm
6R18=34	Polyethylene foam	34 mm	Approx. 48 cm

- The material is flame retardant according to DIN 3795 and meets MVSS 302 ≤ 100 mm.
- The material is flame retardant according to ISO 3795 and meets MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



**Scope of delivery**

6R6	Foam cover
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**Information material**

647G479=ALL_INT	Instructions for use   3R6, 3R24, 3R48, 3S26, 3S27, 3S106, 3S107, 3S124, 6R6, 6R7, 6R8, 6R18
-----------------	--

## 6R6 Foam cover

The 6R6 cover for modular transtibial and knee disarticulation prostheses restores the natural leg volume. It can be used for prostheses with a 30-mm and 34-mm tube diameter, on the left or right side. The cover is not pre-shaped.

**Key features**

- Material: PUR foam
- With 30 mm or 34 mm diameter bore
- Suitable for transtibial and knee disarticulation prostheses

**Technical data**

Article number	Material	For tube diameter	Length
6R6	PUR	30 and 34 mm	Approx. 55 cm



- The material is flame retardant according to DIN 75200 and meets MVSS 302 ≤ 100 mm.
- You can have foam covers custom fabricated according to the user's measurements by Ottobock iFab.



## 88A20 Custom silicone covers for the lower limbs

For many users, a natural outward appearance is just as important as the functional benefits of a prosthesis. With high-end, custom-made silicone covers for leg prostheses, Ottobock gives you the opportunity to make this dream come true for your users. The Ottobock iFab acts as your extended workbench for the fabrication of aesthetically pleasing silicone covers, as they are made to your precise and individual specifications – quickly, reliably and in the highest quality.










### Technical data





Article image	Article number	Description	Product features
	88A20=C	Custom silicone covers “Classic” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in two to three colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>
	88A20=N	Custom silicone covers “Natural” for the lower limbs	<ul style="list-style-type: none"> <li>Anatomical shape</li> <li>Custom silicone cover in 8-10 colours</li> <li>Anatomical surface structure</li> <li>Single-colour silicone toenails with colour-compatible nail tip</li> </ul>

### Information material

647F666=EN_MASTER	Order form   Lower limb silicone cover
647F285=GB	Technician brochure   Colour determination

- With jointless feet (e.g. 1D10, 1D35), a small gap can be modelled next to the big toe (big toe separation). This makes it possible to wear flip-flops with the prosthesis.
- For the “Natural” variant, the patient must visit an Ottobock Competence Center. Prior to final finishing, a follow-up appointment can also take place in order to optimise the aesthetic appearance.
- Suitable for all Triton prosthetic feet except the 1C68 Triton side flex.

Recommended system solution		
	1C50	Taleo
	1C51	Taleo Vertical Shock
	1C52	Taleo Harmony
	1C53	Taleo Low Profile
	1C60	Triton
	1C61	Triton Vertical Shock
	1C62	Triton Harmony
	1C63	Triton Low Profile
	1C40	C-Walk

Recommended system solution		
	1E56	Axtion
	1D10	Dynamic foot with adapter
	1D10	Dynamic foot without adapter
	1D35	Dynamic Motion

**Customised products from Ottobock iFab**

Ottobock iFab is an extended workbench that serves as your reliable partner for the centralised fabrication of custom devices in orthotics and prosthetics in the era of digital transformation.

For information about iFab products, or if you have questions or comments, please contact us: [ifab@ottobock.com](mailto:ifab@ottobock.com)

## Accessories/spare parts for 88A20



### 89D4/89D5 Colour determination ring

Colour determination ring for custom prostheses and silicone covers.

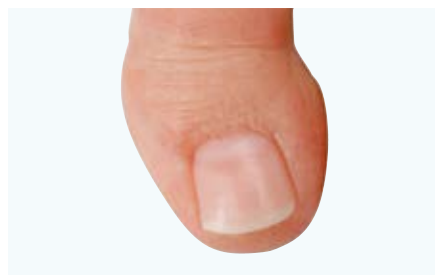
**Key features**

- The colour determination ring helps you determine your patient’s skin colour

**Technical data**

Article number	Type
89D4	28 colors
89D5	68 colors

## Ordering options for 88A20

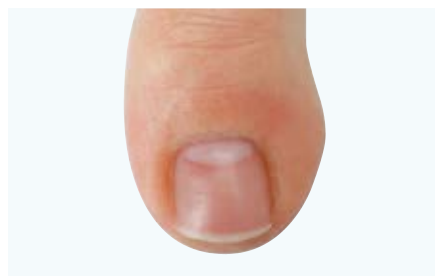


### 88A32=S Multicoloured silicone nails for “Classic” and “Natural”

Custom five-colour silicone toenails.

**Technical data**

Article number
88A32=S



### 88A32=A Multicoloured acrylic nails for “Classic” and “Natural”

Deceptively realistic surface characteristics and suitable for nail polish.

**Technical data**

Article number
88A32=A

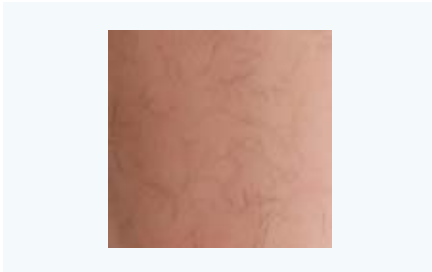


## 88A32=NP **Polish Nails**

Die einfarbigen Lacknägeln aus Acryl, ermöglichen es vor allen Dingen Patientinnen, ihre Nägel zu verschönern und stellen eine Alternative zu mehrfarbigen Acrylnägeln dar.

### Technical data

Article number
88A32=NP



## 88A20=H **Hair**

Implementation of real hair as on the contralateral side is possible on request, matching the colour, length, shape and thickness.

### Technical data

Article number
88A20=H



## 88A20=T **Tattoo for silicone prostheses**

Implementation of special requests, such as applying a tattoo.

### Technical data

Article number
88A20=T

# Lower limb silicone cover. iFab Ordering process.

- 1 Measure the patient's contralateral side and complete the measurement form. Also please take an impression and photos of the contralateral side, and determine the colour depending on the type of prosthesis with help of the colour sheet (647F285=GB) and the colour ring (89D4).

Please send the prosthesis to be coated, along with

- the measurement form,
- the colour determination documents,
- the impression of the contralateral side, and
- the photos

to Ottobock iFab.

- 2 Ottobock iFab will fabricate the definitive silicone cover for you and ship it within 20 working days.
- 3 You receive an easy to clean, functional silicone cover that helps restore the outward appearance of your patient.



Instructions for determining the colour can be found on Ottobock's YouTube channel: Custom silicone products – Colour determination





## Lower limb silicone cover. iFab Order form.

Page 1/5

Contact person	Customer no.	Date
Patient ID	Order number	

### Customer

Company	
Street	
Postal code	City
Email	
Patient ID	

### Shipping address (if different from customer address)

Company	
Street	
Postal code	City
Customer order number	

**Age** .....

### Gender

Female  Male

**Size** .....

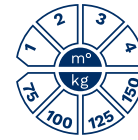
### Side

Left  Right

**Weight** .....

### Mobility grade

1  2  3  4



### Configuration

- 88A20=N** "Natural" silicone cover
- 88A20=C** "Classic" silicone cover
- 88A32=S** Silicone nails (multicoloured)
- 88A32=A** Acrylic nails (multicoloured)
- 88A32=NP** Polish acrylic nails (unicoloured)
- 88A20=H** Genuine leg hair (from contralateral side)
- 88A20=T** Tattoo (Implementation of special requests)

### Prosthetic feet

- |   |  |
|---|--|
| <input type="radio"/> <b>1C50</b> Taleo                 | <input type="radio"/> <b>1C63</b> Triton Low Profile |
| <input type="radio"/> <b>1C51</b> Taleo Vertical Shock  | <input type="radio"/> <b>1C40</b> C-Walk             |
| <input type="radio"/> <b>1C52</b> Taleo Harmony         | <input type="radio"/> <b>1C30</b> Trias              |
| <input type="radio"/> <b>1C53</b> Taleo Low Profile     | <input type="radio"/> <b>1E56</b> Axtion             |
| <input type="radio"/> <b>1C60</b> Triton                | <input type="radio"/> <b>1D10</b> Dynamik-Fuß*       |
| <input type="radio"/> <b>1C61</b> Triton Vertical Shock | <input type="radio"/> <b>1D35</b> Dynamic Motion*    |
| <input type="radio"/> <b>1C62</b> Triton Harmony        |  |

\* Hallux separation possible.

### Supplied are

- Complete checklist
- Assembled prosthesis
- Cast of the contralateral side
- Colour determination as per colour determination sheet
- Photos

Prosthetic foot length in cm: .....

Heel height in mm: .....

Comments: .....

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## Lower limb silicone cover. iFab Measurement form.

Page 2/5

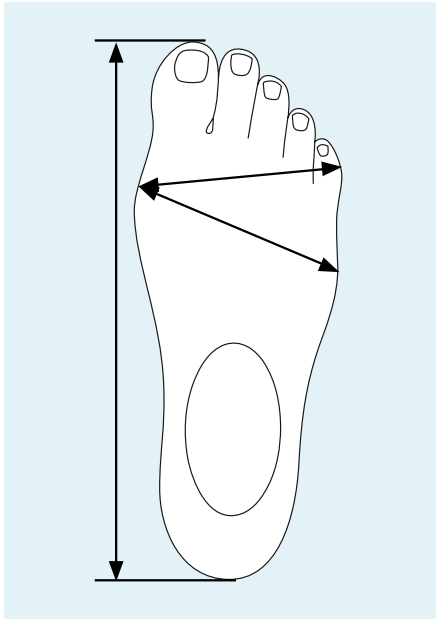
Contact person

Customer no.

Date

Patient ID

Order number



**Circumference (in mm)**

**Foot**

To be filled out by prosthetist

Little toe – Ball of big toe	
Ball of little toe – Ball of big toe	
Overall foot length	
Ball width	
Little toe – ball width	
Bony width below lateral ankle	

Comments: .....  
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# Lower limb silicone cover. iFab Measurement form.

Page 3/5

Contact person

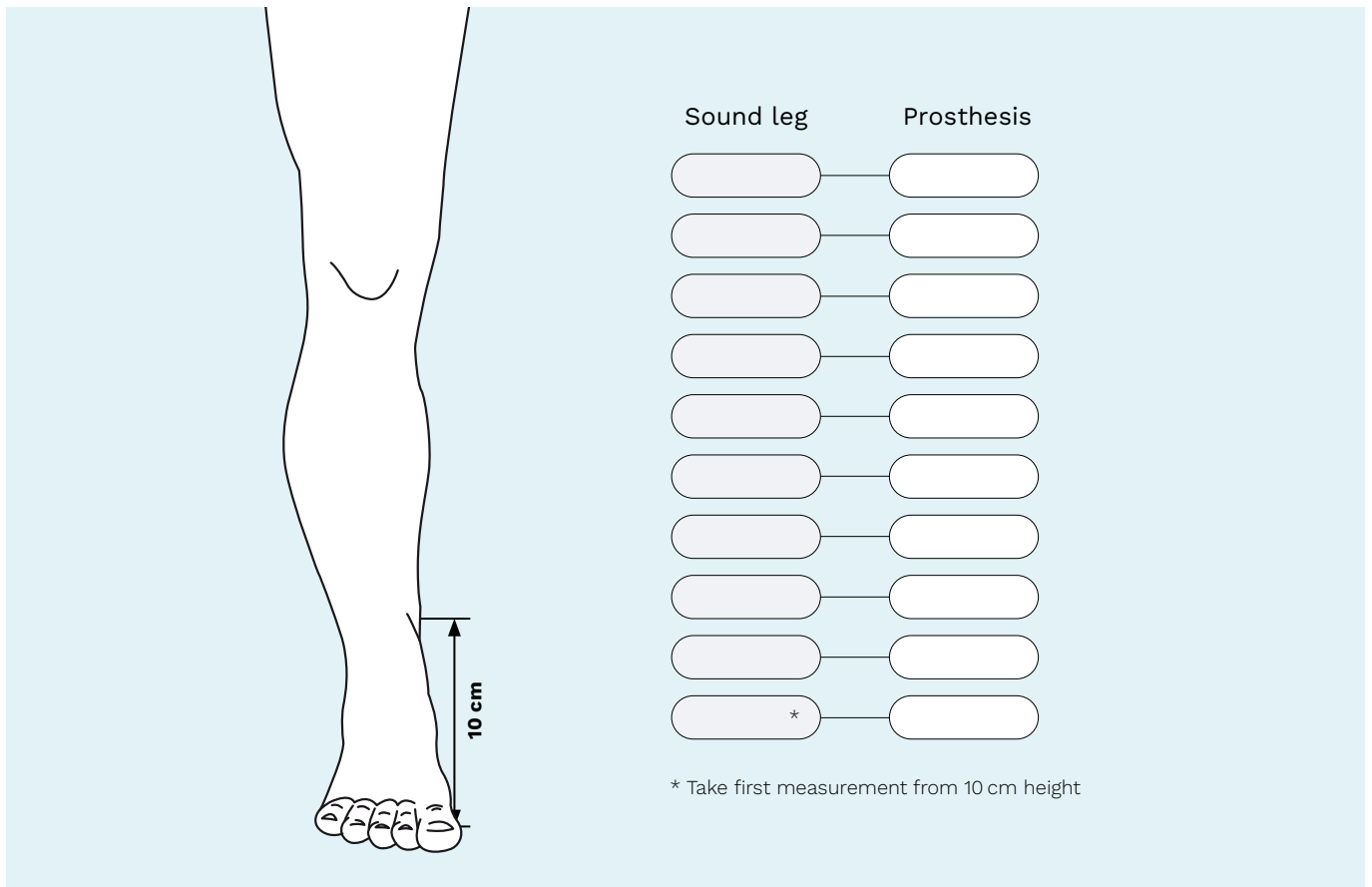
Customer no.

Date

Patient ID

Order number

Please take the circumference of the sound leg every 5 cm.



The diagram shows a line drawing of a human lower leg and foot. A vertical double-headed arrow on the right side of the foot indicates a measurement height of 10 cm from the ground. To the right of the leg, there is a table with two columns: 'Sound leg' and 'Prosthesis'. Each column contains ten rounded rectangular boxes for recording measurements. The bottom-most box in the 'Sound leg' column contains an asterisk (\*). Below the table, a note reads: '\* Take first measurement from 10 cm height'.

Sound leg	Prosthesis
*	

\* Take first measurement from 10 cm height

Comments: .....

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# Lower limb silicone cover. iFab Colour determination sheet.

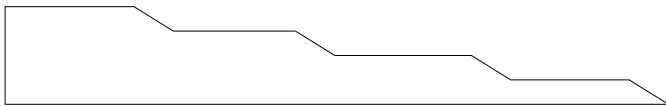
Page 4/5

Contact person \_\_\_\_\_  
Patient ID \_\_\_\_\_

Customer no. \_\_\_\_\_ Date \_\_\_\_\_  
Order number \_\_\_\_\_

### Colour sample – colour strength

Use pen to mark skin colours on the sketch



	IV	III*	II	I
Pen		Colour sample		Colour strength
1				
2				
3				
4				
5				
6				
7				
8				

Model blood vessels  Yes  No

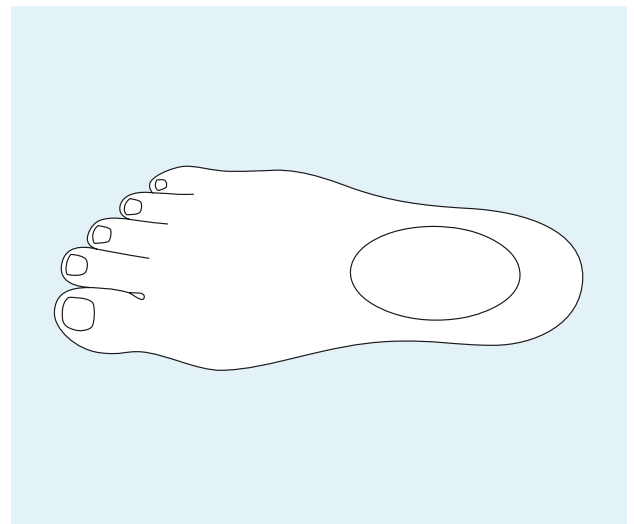
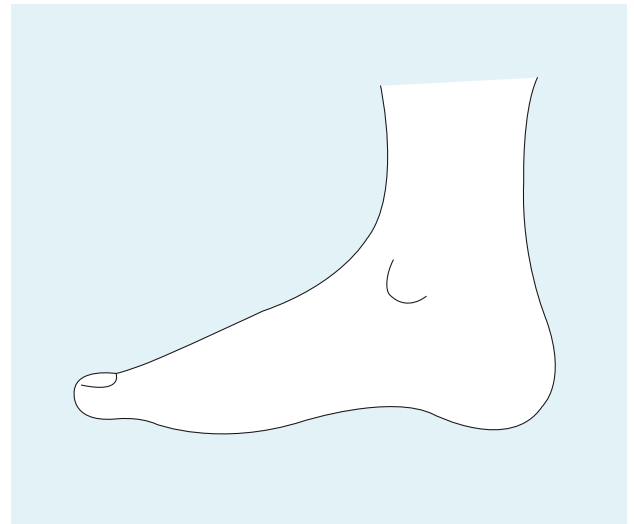
\*Choose thickness III for the primer.

### Nails

- Acrylic
- Silicone

### Nail length

- Like photo
- mm longer



### Hallux

### Toes II – V

Nail tip		
Distal edge		
Central		
Proximal edge		
Moon		

Comments: .....

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# Lower limb silicone cover. iFab Colour determination sheet.

Page 5/5

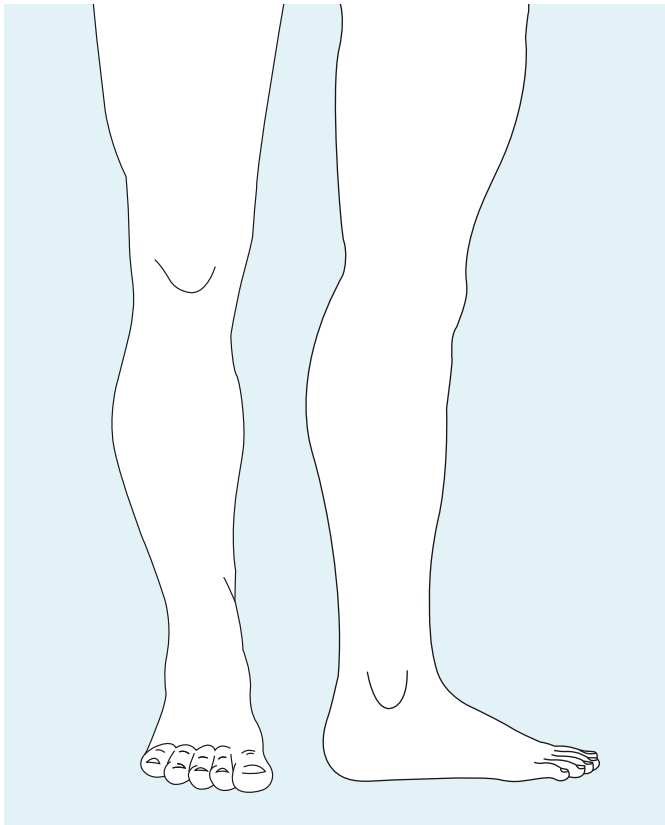
Contact person

Customer no.

Date

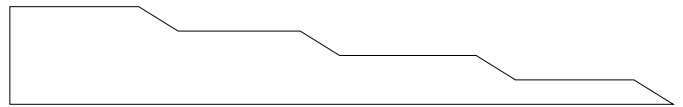
Patient ID

Order number



### Colour sample – colour strength

Use pen to mark skin colours on the sketch



IV	III*	II	I
Pen	Colour sample	Colour strength	
1			
2			
3			
4			
5			
6			
7			
8			

\*Choose thickness III for the primer.

Comments: .....

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## 634A80 SuperSkin cleaner

- For cleaning Pedilan lightweight feet and laminate as well as for etching the surface of Ottobock prosthetic feet before spraying
- For cleaning the high-performance spray gun and other foam-finishing tools



Flam. Liq. 2  
Eye Irrit. 2  
Carc. 2

### Technical data

Article number	Net contents
634A80=1	0.75 kg
634A80=2.5	1.9 kg

- i** **Practical recommendation**
- Do not use as a thinner.



## 646M85 SuperSkin sampler ring

- For the visual and haptic demonstration of the various colour samples (skin tones)
- Aids in selecting the desired hue

### Technical data

Article number
646M85

- i** **Practical recommendation**
- The colour results provided in the 646M85 SuperSkin sampler ring can be obtained by using different mixing ratios of the SuperSkin colours listed in the colour table.
  - For details on the mixture ratios, please see the 646T7=4.8D SuperSkin technical information.



## 646M18 SuperSkin sampler ring

- For the visual and haptic demonstration of the various colour samples (RAL colours)
- Aids in selecting the desired hue

### Technical data

Article number
646M18=D

- i** **Practical recommendation**
- The colour results provided in the 646M18=D SuperSkin sampler ring can be obtained by using different mixing ratios of the SuperSkin colours listed in the colour table.
  - For details on the mixture ratios, please see the 646T7=4.8D SuperSkin technical information.

**Scope of delivery**

99B14 Perlon cosmetic stockings, long

## 99B14 Perlon cosmetic stockings, long

The perlon cosmetic stockings with a silicone anti-slip strip at the top are intended as exterior cosmetic covers for modular knee disarticulation and transfemoral prostheses. They are available in five sizes and two colours.

**Key features**

- Material: polyamide and silicone
- Stockings for modular transfemoral and knee disarticulation prostheses
- With anti-slip strip at the top (silicone)
- Available in five sizes and two colours (light = beige, dark = brazil)
- Delivery unit: one pair

**Technical data**

Article number	Size (selection)	Length	Foot length	Ankle (1/2)	Cuff (1/2)	Colour
99B14=0	0	~ 59 cm	~ 18 cm	~ 9 cm	~ 15 cm	Beige
99B14=0B	0	~ 59 cm	~ 18 cm	~ 9 cm	~ 15 cm	Brazil
99B14=1	1	~ 61.5 cm	~ 19 cm	~ 9 cm	~ 16 cm	Beige
99B14=1B	1	~ 61.5 cm	~ 19 cm	~ 9 cm	~ 16 cm	Brazil
99B14=2	2	~ 66 cm	~ 20 cm	~ 9 cm	~ 17 cm	Beige
99B14=2B	2	~ 66 cm	~ 20 cm	~ 9 cm	~ 17 cm	Brazil
99B14=3	3	~ 72 cm	~ 20.5 cm	~ 9.25 cm	~ 18 cm	Beige
99B14=3B	3	~ 72 cm	~ 20.5 cm	~ 9.25 cm	~ 18 cm	Brazil
99B14=4	4	~ 83.5 cm	~ 21 cm	~ 9.5 cm	~ 19 cm	Beige
99B14=4B	4	~ 83.5 cm	~ 21 cm	~ 9.5 cm	~ 19 cm	Brazil

- Delivery unit: one pair
- The dimensions listed in the table serve as a guideline. Possible variations in these dimensions may occur during production. They have no effect on elasticity and product function. The desired dimension can be obtained by pulling.



## 99B15 Perlon connecting piece

The perlon connector is intended for fastening the foam cover on the transfemoral socket.

**Key features**

- Material: polyamide
- Connector for fastening the foam cover on the transfemoral socket

**Technical data**

Article number	Size (selection)	Length	Cuff (1/2)	Colour
99B15=1	1	~ 22 cm	~ 17 cm	Beige
99B15=2	2	~ 22 cm	~ 17.5 cm	Beige
99B15=3	3	~ 22 cm	~ 18 cm	Beige

- The dimensions listed in the table serve as a guideline. Possible variations in these dimensions may occur during production. They have no effect on elasticity and product function. The desired dimension can be obtained by pulling.



## 99B14=HE Perlon cosmetic stockings for hip disarticulation prostheses

The Perlon cosmetic stockings are intended as exterior cosmetic covers for modular hip disarticulation prostheses.

**Key features**

- Material: polyamide
- Stockings for hip disarticulation prostheses
- Delivery unit: one pair

**Technical data**

Article number	Length	Foot length	Ankle (1/2)	Cuff (1/2)	Colour
99B14=HE	~ 100 cm	~ 18.5 cm	~ 10 cm	~ 14 cm	Beige

- Delivery unit: one pair
- The dimensions listed in the table serve as a guideline. Possible variations in these dimensions may occur during production. They have no effect on elasticity and product function. The desired dimension can be obtained by pulling.



**Scope of delivery**

99B16	Perlon knee stockings
-------	-----------------------

## 99B16 Perlon knee stockings

The perlon knee stockings are intended as exterior cosmetic covers for modular transtibial prostheses. They are available in three sizes and two colours.

**Key features**

- Material: polyamide
- Stockings for modular transtibial prostheses
- Available in three sizes and two colours (light = beige, dark = brazil)
- Delivery unit: one pair

**Technical data**

Article number	Size (selection)	Length	Foot length	Ankle (1/2)	Cuff (1/2)	Colour
99B16=1	1	~ 38.5 cm	~ 17,5 cm	~ 9 cm	~ 11,5 cm	Beige
99B16=1B	1	~ 38.5 cm	~ 17.5 cm	~ 9 cm	~ 11.5 cm	Brazil
99B16=2	2	~ 40.5 cm	~ 18.5 cm	~ 9.2 cm	~ 11.5 cm	Beige
99B16=2B	2	~ 40.5 cm	~ 18.5 cm	~ 9.2 cm	~ 11.5 cm	Brazil
99B16=3	3	~ 44.5 cm	~ 19 cm	~ 9.25 cm	~ 11.5 cm	Beige
99B16=3B	3	~ 44.5 cm	~ 19 cm	~ 9.25 cm	~ 11.5 cm	Brazil

- Delivery unit: one pair
- The dimensions listed in the table serve as a guideline. Possible variations in these dimensions may occur during production. They have no effect on elasticity and product function. The desired dimension can be obtained by pulling.





## 99B116 SoftTouch stockings for transtibial prostheses

SoftTouch stockings are stockings with a special coating for modular transtibial prostheses. They are pulled over the PE foam covers (6R8 or 6R18) after sanding their shape, forming the exterior finish of the prosthesis. This provides better protection for the prosthesis against environmental influences and makes it more visually appealing.

### Key features

- Stockings with a special coating, for modular transtibial prostheses
- Better protection of the prosthesis against environmental influences (for instance protection against splashed water)
- Available in ten colours and three sizes
- Delivery unit: one pair

### Scope of delivery

99B116	SoftTouch stockings for transtibial prostheses
--------	--

### Information material

647G1671=ALL_INT	Instructions for use   99B116 SoftTouch
------------------	---

### Technical data

Article number	Size (selection)	Ankle circumference	Calf circumference	Foot length	SAP key	Colour
99B116=2-0	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	0	
99B116=4-0	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	0	
99B116=6-0	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	0	
99B116=2-2	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	2	
99B116=4-2	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	2	
99B116=6-2	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	2	
99B116=2-4	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	4	
99B116=4-4	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	4	
99B116=6-4	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	4	
99B116=2-6	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	6	
99B116=4-6	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	6	
99B116=6-6	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	6	
99B116=2-8	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	8	
99B116=4-8	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	8	
99B116=6-8	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	8	
99B116=2-10	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	10	
99B116=4-10	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	10	
99B116=6-10	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	10	
99B116=2-12	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	12	
99B116=4-12	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	12	
99B116=6-12	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	12	
99B116=2-14	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	14	
99B116=4-14	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	14	
99B116=6-14	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	14	
99B116=2-16	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	16	
99B116=4-16	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	16	
99B116=6-16	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	16	
99B116=2-18	2	19 – 21 cm	30 – 33 cm	≥ 21 cm	18	
99B116=4-18	4	22 – 25 cm	34 – 39 cm	≥ 23 cm	18	
99B116=6-18	6	26 – 29 cm	40 – 45 cm	≥ 25 cm	18	

### Important for your order:

- You can use the 646M22 colour sample set for colour selection. Please note that possible colour deviations between the illustrations in the table of technical data and the actual SoftTouch stockings are due to printing technology reasons. Please note that marginal colour deviations of the SoftTouch stockings between different production lots and compared to the 646M22 colour sample ring are possible for production reasons.
- Delivery unit: one pair



## 646M22 Colour sampler ring for SoftTouch stockings

Colour sampler ring for SoftTouch stockings with ten different colour samples (skin tones). The sampler ring is used to demonstrate the look and feel of the various SoftTouch versions. It makes it easier to select the desired hue.

### Technical data

Article number
646M22



## 4P100=7 Genium X4 Protective cover, short

Genium X4 protective cover short covers the knee joint and protects it against challenges of everyday life. The protective cover is made from a durable TPU material. As a result, the Genium X4 easily stands up to tough conditions. The expressive, sporty look of the protective cover can be personalised with stickers or spraypaint.

### Key features

- Compatible with knee joints: 3B5-4=P, 3B5-4=ST
- Extremely robust
- Expressive, sporty design
- Can be personalised with stickers or spraypaint
- Easily removeable and washable (dishwasher)

### Technical data

Article number	Weight
4P100=1	ca. 250 g
4P100=7	ca. 250 g



## 4P110=7 Genium X4 Protective cover, long

The Genium X4 protective cover long, protects the prosthetic knee joint and the tube adapter against impacts, environmental influences and wear and tear. The textile cover is made from TPU material including a textile with PU application.

The protective cover consists of the textile cover and the tube cover. The tube cover components are the tube sleeve and the tube clamp.

The tube cover can also be single used or combined with the functional knee part 4P112. The protective cover is easily removeable and washable. It can be personalised with stickers.

### Key features

- Extremely robust
- Can be personalised with stickers
- Easily removeable and washable (textile cover in the washing machine, tube cover in the dishwasher)
- Compatible with knee joints: 3B5-4=P, 3B5-4=ST
- Compatible with prosthetic feet: 1A30, 1B1-2, 1C10, 1C11, 1C30-1, 1C40, 1C50, 1C51, 1C53, 1C56, 1C60, 1C61, 1C63, 1C64, 1C70, 1D10, 1D11, 1D35, 1M10, 1E56, 1E57, F21, F22

### Technical data

Article number
4P110=7



## 4P112=1 Functional knee part Genium X4

The functional knee part gives the 3B5-4=P Genium X4 and 3B5-4=ST Genium X4 knee joints a more natural appearance. External influences on the knee joint are alleviated as well. It can be combined with the tube cover of the protective cover, long.

### Technical data

Article number
4P112=1



## 4X193-1 Genium X3 Protective Cover

To protect against the many stresses of everyday life, the Protective cover made from a durable PU material covers the knee joint. As a result, the Genium X3 easily stands up to even tough conditions. The Protective cover also features an expressive, sporty design. Alternatively, the 4X900 Protective cover can be chosen.

### Key features

- Compatible with knee joints: 3B5-2, 3B5-2=ST, 3B5-3 and 3B5=3-ST
- Extremely robust
- Expressive, sporty design
- Colour: Graphite Black (dark anthracite, black)

### Technical data

Article number	Weight
4X193-1	300 g

- The 3B5\* Genium X3 may not be used without the Protective cover.

## Accessories/spare parts for 4X193-1



## 4X164 Wade Closure

Calf closure for Genium X3 Protective cover, spare part for 4X193-1.

### Technical data

Article number
4X164



## 4X900 Genium X3 Protective Cover

To protect against the many stresses of everyday life, the Protective cover made from a durable PU material covers the knee joint. As a result, the Genium X3 easily stands up to even tough conditions. The Protective cover also features a discreet, elegant design. Alternatively, the 4X193-1 Protective cover can be chosen.

### Key features

- Compatible with knee joints: 3B5-2, 3B5-2=ST, 3B5-3, 3B5=3-ST
- Extremely robust
- Discreet, elegant design
- Colour: Umbra Grey (warm shade of grey)

### Technical data

Article number	Weight
4X900	315 g

### Scope of delivery

4X900	Genium X3 Protective Cover
-------	----------------------------

- The 3B5\* Genium X3 may not be used without the Protective cover.

## Accessories/spare parts for 4X900



## 4P860=U Upper closure

Calf closure for the 4X900, 4X860, 4X840 and 4P862 covers; spare part.

### Technical data

Article number
4P860=U



## 4X880 Genium Protective Cover

The Genium Protective Cover shields the prosthetic knee joint with tube adapter against impacts, environmental influences and wear and tear. The product 4X880 includes the main Protective Cover component and the Protector foot cuff. The main component can be shortened and adapted to the prosthesis.

### Key features

- Compatible with knee joints: 3B1-2, 3B1-2=ST, 3B1-3, 3B1-3=ST
- Compatible with prosthetic feet: 1B1, 1C30, 1C40, 1C50, 1C56, 1C60, 1C61, 1C63, 1C64, 1C70, 1D35, 1E56, 1E57, 1M10
- Includes a Protector foot cuff in size S, M or L
- The Protector foot cuff is not compatible with slim footshells
- Can be used for a knee axis–floor measurement from 430 mm (with use of the 1C61 Triton Vertical Shock from 470 mm) to 560 mm
- A charging opening permits inductive charging of the Genium, even through clothing

### Scope of delivery

4X880	Genium Protective Cover
-------	-------------------------

### Information material

647G942=ALL_INT	Instructions for use (qualified personnel)   4X880 Genium Protector
647H899=ALL_INT	Instructions for use (user)   4X880=* Genium Protector

### Technical data

Article number	Weight (Protective cover including closures)	Weight (cuff)	Size (including cuff)
4X880=S	450 g	60 g	S
4X880=M	450 g	60 g	M
4X880=L	450 g	60 g	L

Important for your order:

- The stated size S, M or L refers to the size of the included Protector foot cuff. It is chosen depending on the foot size of the prosthetic foot (see selection table).
- For combination with the 1B1=\*/1B1-2=\* Meridium prosthetic foot: The foot includes a connection plate that must be used for the combination with the Protective Cover. The connection plate is compatible with cuff sizes S and M. Cuff size M is equivalent to foot size 29.



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## Accessories/spare parts for 4X880



### 4P880=R Lengthwise closure

Lengthwise closure for Genium Protective cover, spare part for 4X880.

#### Technical data

Article number
4P880=R



### 4P880=U Upper closure

Upper closure for Genium Protective cover, spare part for 4X880.

#### Technical data

Article number
4P880=U



### 4P880 Protector foot cuff

Protector foot cuff for the 4X880 Genium Protective cover and 4X860 C-Leg Protective cover, spare part.

#### Technical data

Article number	Size (selection)
4P880=S	S
4P880=M	M
4P880=L	L



### 4P8 Distal cap

The distal cap is a spare part for the 4X840 Kenevo Protective cover and covers the cut edge after shortening the protective cover.

#### Technical data

Article number
4P8



## 4X860 C-Leg Protective Cover (without shield insert)

The C-Leg Protective cover shields the prosthetic knee joint including tube adapter against impacts, environmental influences and wear and tear. The product 4X860 includes the main Protective cover component and Protector foot cuff. The main component can be shortened. The 4P863 Shield insert shown in the illustration has to be ordered separately. It is available in three different designs.

### Key features

- Compatible with knee joints: 3C98-3, 3C88-3
- Compatible with prosthetic feet: 1B1, 1C30, 1C40, 1C50, 1C60, 1C61, 1C63, 1C64, 1C70, 1D35, 1E56, 1E57, 1M10
- Includes a Protector foot cuff in size S, M or L
- The Protector foot cuff is not compatible with slim footshells
- Can be used for a knee axis–floor measurement from 430 mm (with use of the 1C61 Triton Vertical Shock from 470 mm) to 560 mm
- Available in the colour variants champagne (illustration on the right) and dark volcano (illustration on the left, add -8.4 to the article number for the colour dark volcano)

### Scope of delivery

4X860	C-Leg Protective Cover (without shield insert)
-------	--

### Information material

647G1113=ALL_INT	Instructions for use (qualified personnel)   4X860=* C-Leg Protector
647H908=ALL_INT	Instructions for use (user)   4X860=* C-Leg Protector

### Technical data

Article number	Size (including cuff)	Weight (Protective cover including closures)	Weight (cuff)	Colour	Version
4X860=S	S	450 g	60 g	Champagne	without shield
4X860=S-8.4	S	450 g	60 g	dark volcano	without shield
4X860=M	M	450 g	60 g	Champagne	without shield
4X860=M-8.4	M	450 g	60 g	dark volcano	without shield
4X860=L	L	450 g	60 g	Champagne	without shield
4X860=L-8.4	L	450 g	60 g	dark volcano	without shield

### Important for your order:

- The stated size S, M or L refers to the size of the included Protector foot cuff. It is chosen depending on the foot size of the prosthetic foot (see selection table).
- The Protective cover has to be combined with the 4P863 shield insert. The shield insert has to be ordered separately.
- For combination with the 1B1=\*/1B1-2=\* Meridium prosthetic foot: The foot includes a connection plate that must be used for the combination with the Protective Cover. The connection plate is compatible with cuff sizes S and M. Cuff size M is equivalent to foot size 29.

## Accessories/spare parts for 4X860



### 4P860=R Lengthwise closure

Lengthwise closure for 4X860 C-Leg Protective cover, spare part.

#### Technical data

<b>Article number</b>
4P860=R



### 4P860=U Upper closure

Calf closure for the 4X900, 4X860, 4X840 and 4P862 covers; spare part.

#### Technical data

<b>Article number</b>
4P860=U





## 4P880 Protector foot cuff

Protector foot cuff for the 4X880 Genium Protective cover and 4X860 C-Leg Protective cover, spare part.

### Technical data

Article number	Size (selection)
4P880=S	S
4P880=M	M
4P880=L	L



## 4P863 Shield insert

The shield insert is a required accessory for the 4X860 C-Leg Protective Cover. It is inserted into the main part of the Protective Cover from the front. It can also be used with the 4P862 C-Leg Guard as an option. Available in three designs and in a neutral version as the 4P863=4 customisable variant, which can be designed with non-magnetisable lacquers.

### Key features

- Available in three designs and a customizable version

### Technical data

<b>Article image</b>				
<b>Article number</b>	4P863=1	4P863=2	4P863=3	4P863=4
<b>Weight</b>	63 g	63 g	63 g	63 g

### Information material

647G1113=ALL_INT	Instructions for use (qualified personnel)   4X860=* C-Leg Protector
647H908=ALL_INT	Instructions for use (user)   4X860=* C-Leg Protector
647G1214=ALL_INT	Instructions for use (qualified personnel)   4P862



## 4P862 Guard for C-Leg

The guard functionally and visually sheaths the C-Leg 4. In the covered area, the guard protects the knee joint, for example against scratching. The guard can be combined with the 4P863 Shield insert.

### Key features

- Compatible with knee joints: 3C98-3 and 3C88-3

### Technical data

<b>Article number</b>	4P862
<b>Weight</b>	225 g

### Information material

647G1214=ALL_INT	Instructions for use (qualified personnel)   4P862
------------------	--

## Accessories/spare parts for 4P826



## 4P860=U Upper closure

Calf closure for the 4X900, 4X860, 4X840 and 4P862 covers; spare part.

### Technical data

<b>Article number</b>	4P860=U
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## 4X840 Kenevo Protective Cover

The robust protective cover shields the Kenevo prosthetic knee joint against jolts, environmental influences and wear and tear. It can be shortened and thereby customised to the prosthesis wearer. The corresponding distal cap is attached after shortening to cover the cut edge.

### Key features

- Compatible with knee joints: 3C60, 3C60=ST
- The Kenevo Protective cover can be used for all knee axis-floor measurements that can be configured with the Kenevo

### Technical data

Article number	Weight
4X840	391 g

### Scope of delivery

4X840	Kenevo Protective Cover
-------	-------------------------

### Information material

647G1139=ALL_INT	Instructions for use (qualified personnel)   4X840 Kenevo Protector
647H910=ALL_INT	Instructions for use (user)   4X840 Kenevo Protector

## Accessories/spare parts for 4X840



### 4P840=R Lengthwise closure

Lengthwise closure for 4X840 Kenevo Protective cover, spare part.

#### Technical data

Article number
4P840=R



### 4P860=U Upper closure

Calf closure for the 4X900, 4X860, 4X840 and 4P862 covers; spare part.

#### Technical data

Article number
4P860=U



### 4P8 Distal cap

The distal cap is a spare part for the 4X840 Kenevo Protective cover and covers the cut edge after shortening the protective cover.

#### Technical data

Article number
4P8



## 4R32 Option set for modular hip disarticulation prostheses

The accessory set is used in combination with a foam cover to restore the natural leg volume with modular hip disarticulation prostheses. It is part of a connection cover, which is individually fabricated, glued into the foam cover and attached to the socket using the elastic strap.

### Technical data

**Article number**

4R32

- Scope of delivery: two connecting straps with ring, two tapered rings, two wedges, one ThermoLyn trolene strip (as casting template), one pair 99B14=3 Perlon cosmetic stockings

### Consisting of product

21Y55	Distal Anchor Wedge	2	Piece(s)
21Y54	Distal anchor ring	2	Piece(s)
99B14=3	Perlon cosmetic stocking	1	Pair
	ThermoLyn trolene	1	Piece(s)
21Y53	Ring	2	Piece(s)
623H23	Harness strap	1	Piece(s)
623G60=25-9	Elastic strap	1	Piece(s)

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## 5–7

5x2.5 O-ring pack .....	379
7x1 O-ring pack .....	379

## A

Abkürzungsverzeichnis .....	
Adapter .....	259
Adapter plate .....	222
Adjust .....	116
Adjusting tool .....	74
Adjustment adapter .....	51
Ankle block .....	57
Aqua foot with modular adapter .....	56
Aqua foot without adapter for exoskeletal design .....	56
Aqua knee .....	72
AXON tube adapter .....	267
AXON tube adapter with torsion unit .....	267
Axtion .....	170
Axtion DP pylon foot .....	183

## B

B oval pylon adapter .....	184
Battery Charger .....	177
Battery charger for C-Leg .....	282
BionicLink PC .....	177
Blocking clip ProCarve foot .....	89

## C

C-Leg 16° flexion stop .....	283
C-Leg 4 .....	280
C-Leg Protective Cover (without shield insert) .....	284
C-Soft Plus .....	281
C-Walk .....	173
Caleo .....	341
Caleo 3D .....	342
Cap Screw .....	50
Cap screw (Allen screw) .....	32
Challenger .....	85
Charger extension cable, ankle .....	283
Charger extension cable, ankle, long .....	283
Charger extension cable, knee .....	283
Charging cable receptacle closure .....	176
Chopart footplate .....	186
Chopart PU adhesive set .....	187
Chopart PU adhesive set, parts .....	187
Clamping nut .....	48
Clamping screw .....	210
Clamping screw, blue coated .....	61
Clamping tool .....	177
ClickValve .....	67
ClickValve base .....	68
ClickValve safety shackle .....	67
ClickValve valve top .....	68
Cockpit app .....	176
Colour determination ring .....	195
Colour sampler ring for SoftTouch stockings .....	434
Combination wrench .....	260
Compression liner .....	401
Compression spring, heavy duty .....	313
Compression spring, weak .....	313
connectgo.pro .....	269
Connecting tube with seat ring .....	369
Connection adapter with pyramid receiver .....	219
Connection adapter with pyramid receiver .....	220
Connection cap .....	103

Connection cover .....	117
Connection cover for 2C70 and 2C8 .....	135
Connection plate for 2R54, 2R31, 2R8 ... ..	100
Cosmetic exhaust flange .....	145
Cotton residual limb sock .....	393
Countersunk head screw (allen screw) ...	30
Cover for 4R182/4R183 .....	377
Custom silicone covers for the lower limbs .....	111
Custom silicone partial foot prosthesis and toe prosthesis .....	194
Cylinder body for 4R220 .....	372
Cylinder body for 4R220=1 .....	372
Cylinder pin .....	60
Cylinder pin with interior thread .....	60

## D

Derma Clean .....	357
Derma Prevent .....	357
Derma Protection sealing sleeve .....	380
Derma Repair .....	357
Derma Seal .....	397
Derma Seal Double Forte .....	398
Derma Seal Forte .....	397
Derma Seal Trans Ped .....	398
Derma travel set .....	358
Derma trial set .....	358
Distal cap .....	439
Donning spray .....	356
Dorsal stop set .....	103
Double adapter .....	217
Double adapter, aluminium .....	216
Double adapter, sliding .....	217
Double adapter, titanium .....	216
Duckbill valve .....	371
Dummy set .....	65
Dummy set for 4R220 .....	372
Dummy set for 4R220=1 .....	372
Dummy set with screw .....	389
Dynamic foot .....	113
Dynamic foot for children .....	25
Dynamic foot with adapter .....	112
Dynamic foot without adapter .....	109
Dynamic Motion .....	126
Dynamic Vacuum System liner .....	344
Dynamic Vacuum System pump .....	370
Dynion knee joint, monocentric, with rotation hydraulics .....	319

## E

EBS knee joint, polycentric, with hydraulic swing phase control .....	316
EBSpro knee joint, polycentric, with hydraulic swing phase control .....	315
Elastomer plate .....	261
Elastomer rod .....	261
Empower .....	179
Empower AC adapter .....	181
Empower battery .....	180
Empower charger .....	180
Empower footshell .....	180
Empower tablet .....	181
Evanto .....	137
Evanto footshell .....	137

## F

Flat rubber valve .....	369
Flat rubber valve set .....	367
Flat rubber valve set with connection tube .....	367

Flat silicone valve .....	369
Flexible pin for MagnoFlex lock .....	386
Foam connecting cap .....	125
Foam cover .....	41
Foot adapter with screw connection .....	26
Foot adapter with screw connection, aluminium .....	99
Foot adapter with screw connection, steel .....	106
Foot adapter with screw connection, titanium .....	100
Footshell .....	
Footshell Foam Kit, Single Application .....	187
Footshell for 1C50, 1C51, 1C52, 1C53 and 1C58 .....	
Footshell for 1C56 and 1C59 .....	135
Footshell Maverick junior .....	23
Footshell replacement tool, metal .....	191
Footshell replacement tool, plastic .....	23
Forefoot pad .....	86
Freestyle Swim .....	87
Freestyle Swim ankle protector .....	88
Freestyle Swim footshell .....	88
Freestyle Swim heel wedges .....	88
FTC-3M-0 Connection cover .....	168
Functional cosmesis C-Leg .....	285
Functional cosmesis C-Leg (functional knee part) .....	411
Functional cosmesis Genium .....	278
Functional cosmesis Genium (functional knee part) .....	413
Functional cosmesis Genium X4 .....	269
Functional knee part .....	268
Functional ring .....	158
Functional ring for Harmony P3 .....	160
Functional shank C-Leg .....	411
Functional shank Genium .....	413
Functional stocking for functional cosmesis .....	279
Functional stocking for functional cosmesis for Genium X4 .....	269

## G

Gaiter for sealing sleeves .....	382
Genium .....	274
Genium flexion stop 15° .....	277
Genium flexion stop 22.5° .....	277
Genium flexion stop 7.5° .....	277
Genium Protective Cover .....	277
Genium X3 .....	270
Genium X3 flexion stop 15° .....	272
Genium X3 flexion stop 22.5° .....	272
Genium X3 flexion stop 7.5° .....	272
Genium X3 Protective Cover .....	273
Genium X4 .....	266
Genium X4 Protective cover, long .....	268
Genium X4 Protective cover, short .....	268
Greissinger plus .....	124
Greissinger plus shaped foot component without adapter .....	124
Grub screw .....	65
Guard for C-Leg .....	284

## H

Habermann knee joint, polycentric, with integrated extension assist .....	302
Hair .....	195
Harmony E2 .....	376
Harmony elastomer rod (red) .....	377
Harmony elastomer rod (yellow) .....	377

- Harmony P3.....376  
 Harmony P3 service set.....145  
 Harmony P4.....374  
 Harmony P4 HD.....374  
 Harmony P4 HD  
 housing screw connection.....377  
 Harmony P4 HD modular.....375  
 Harmony P4  
 housing screw connection.....377  
 Harmony P4 modular.....375  
 Harmony sealing sleeve, conical.....382  
 Harmony sealing sleeve, cylindrical.....382  
 Harmony vacuum pump set.....379  
 Harmony valve with filter.....144  
 Heel wedge for Axtion.....171  
 Heel wedge insert for Maverick junior.....23  
 Heel wedge set.....86  
 Heel wedges F21, F22, F23.....133  
 Heel wedges for Kintrol/Restore.....121  
 Heel wedges for Taleo.....136  
 Heel wedges for Triton.....164  
 Helix3D prosthetic hip joint.....327  
 Hexagon nut with conical support.....50  
 High-pressure air pump.....90  
 Hip joint with adjustable extension  
 assist mechanism.....40  
 Hip joint, monocentric, with inner  
 extension assist.....326  
 Hose for the outlet.....379
- I**
- Inductive charger.....272  
 Installation ring for inductive charger...276  
 Installation tool for inductive charger ..276
- J**
- Jüpa knee-calf component.....
- K**
- K-Soft.....288  
 Kenevo.....287  
 Kenevo 16° flexion stop.....289  
 Kenevo A-B-C.....291  
 Kenevo foam cover charging set.....290  
 Kenevo foam cover toolset.....290  
 Kenevo Protective Cover.....290  
 Kintrol.....122  
 Kintrol/Restore footshell.....121  
 KISS 4-hole base.....391  
 KISS Delrin base.....391  
 KISS distal belts (2 pieces).....390  
 KISS distal screws (two pieces).....391  
 KISS hook-and-loop fixation  
 (set with screw and nut).....391  
 KISS lanyard system.....390  
 KISS proximal belts (2 pieces).....390  
 KISS proximal nut and screw (set).....391  
 Knee extender.....283  
 Knee joint for disarticulation, polycentric,  
 with hydraulic swing phase control.....322  
 Knee joint for disarticulation, polycentric,  
 with lock.....294  
 Knee joint for disarticulation, polycentric,  
 with mechanical extension assist.....307  
 Knee joint with adjustable extension  
 assist mechanism.....37  
 Knee joint with friction brake,  
 monocentric, with extension assist.....306  
 Knee joint with friction brake,  
 monocentric, with extension assist  
 and protective sleeve.....300  
 Knee joint with friction brake,  
 monocentric, with lock.....304  
 Knee joint with friction brake, monocen-  
 tric, with pneumatic  
 swing phase control.....309  
 Knee joint with friction brake,  
 with extension assist and protective  
 sleeve.....300  
 Knee joint with hydraulic swing phase  
 control.....38  
 Knee joint with integrated rotation.....38  
 Knee joint with lock.....36  
 Knee joint, monocentric,  
 with hydraulic swing phase control.....320  
 Knee joint, monocentric,  
 with lock and extension assist.....296  
 Knee joint, monocentric, with rotation  
 hydraulics.....73  
 Knee joint, polycentric, with hydraulic  
 swing phase control.....321  
 Knee joint, polycentric, with pneumatic  
 swing phase control.....310  
 Knee joint, polycentric, with servo-pneu-  
 matic swing phase control.....312  
 Knee locking unit.....  
 Knee-calf component.....  
 Knee-calf component, single-axis.....
- L**
- L adapter.....81  
 Lamination anchor.....189  
 Lamination anchor  
 with pyramid adapter.....226  
 Lamination anchor  
 with pyramid and angled arm,  
 rotatable.....231  
 Lamination anchor  
 with pyramid receiver.....31  
 Lamination anchor  
 with pyramid receiver and angled arm,  
 rotatable.....62  
 Lamination anchor  
 with pyramid receiver, rotating.....228  
 Lamination anchor  
 with pyramid, rotatable.....62  
 Lamination anchor  
 with threaded connector.....227  
 Lamination anchor  
 with threaded connector  
 and angled arm.....230  
 Lamination disc.....241  
 Lamination disc and dummy.....377  
 Lamination dummy.....30  
 Lamination plate.....328  
 Lamination set.....391  
 Latex casting bags.....379  
 Lengthwise closure.....439  
 Light metal piping.....213  
 Light metal tube.....209  
 Lightweight cosmetic foot.....99  
 Lightweight knee joint,  
 monocentric, with lock.....292  
 Liner FIT KIT.....395  
 Liner trimmer.....356  
 Lo Rider.....190  
 Locking clip for ProCarve knee joint.....91  
 Locking knee joint, monocentric,  
 with lock.....292  
 Locking unit.....295  
 Low cut footshell for 1C56.....135  
 Lower wedge for 1C70.....138  
 Lubricating cream.....358
- M**
- M-Soft.....176  
 MagnoFlex lock.....385  
 MagnoFlex Lock socket  
 attachment block.....387  
 Maverick Comfort AT.....132  
 Maverick junior.....22  
 Maverick Vertical Shock.....154  
 Maverick Xtreme AT.....153  
 Meridium.....175  
 Modular transfemoral set.....248  
 Modular transtibial kit.....244  
 Monocentric hip joint  
 with hydraulic control.....326  
 Mounting plate.....49  
 Mounting wrench.....373  
 movido.....35  
 movido dust cover.....35  
 movido knee protection cap.....35  
 Multicoloured acrylic nails  
 for „Classic“ and „Natural“.....195  
 Multicoloured silicone nails  
 for „Classic“ and „Natural“.....195  
 MyFit TF bag.....404  
 MyFit TF test socket.....404  
 MyFit TT.....405
- N**
- Nylon sheath.....395  
 Nylon sheath with distal hole.....394  
 Nylon stocking.....412
- O**
- O-ring for ClickValve  
 upper valve part, blue.....68  
 O-ring for ClickValve, black.....68  
 One-way valve.....365  
 Option set for modular  
 hip disarticulation prostheses.....330  
 Oval 34 mm pylon adapter set, long.....185  
 Oval Allen head screw.....29  
 Oval flange head screw Allen screw.....48  
 Oval pylon adapter, 34 mm.....184  
 Oval pylon adapter, 30 mm.....185
- P**
- Pedilan sole with heel wedge for 1S30....24  
 Pedilin cone for soft socket.....402  
 Perlon connecting piece.....431  
 Perlon cosmetic stocking.....42  
 Perlon cosmetic stockings for hip disarti-  
 culation prostheses.....431  
 Perlon cosmetic stockings, long.....431  
 Perlon knee stockings.....432  
 Pheon polycentric knee joint,  
 with mechanical swing phase control...299  
 Pin.....385  
 Pin for shuttle lock.....64  
 Pin, long.....386  
 Pin, short.....386  
 Pirogoff foot.....192  
 Piston.....371  
 Plastic ring.....60  
 Plastic tab for 6A52.....64  
 Polish Nails.....195  
 Posterior connection plate (set).....80  
 Power cord.....181  
 Power cord AUS.....181  
 Power supply unit.....177  
 Pressure plate.....49

ProCarve knee joint.....91  
 ProCarve prosthetic foot..... 89  
 Procomfort gel .....358  
 ProFlex Plus sealing sleeve..... 381  
 ProFlex sealing sleeve.....380  
 ProSeal liner .....355  
 ProSeal ring.....383  
 Proseido monocentric locking knee joint,  
 with hydraulic sitting assist.....298  
 ProSymes..... 188  
 Protective cap .....255  
 Protective sleeve ..... 301  
 Protector foot cuff.....439  
 PushValve..... 67  
 PushValve upper part.....68  
 PVC connection tube.....369  
 Pyramid receiver..... 53  
 Pyramid receiver  
 with threaded connector.....221

**P**

Pyramid with threaded connector.....221  
 Quickchange..... 33  
 QuickValve ..... 66

**R**

Ratchet unit ..... 64  
 Reducer pyramid receiver ..... 34  
 Reference determination tool.....330  
 Refit adapter for lamination anchor .....267  
 Refit socket adapter .....267  
 Release button cover .....253  
 Renegade AT ..... 166  
 Renegade heel wedges..... 169  
 Renegade LP-AT.....167  
 Residual limb compression sock.....399  
 Residual limb sock.....392  
 Residual limb sock with distal hole .....392  
 Restore.....120  
 Rotation adapter.....252  
 Rotation lock segment, extra hard ..... 261  
 Rounded washer ..... 63  
 Runner ..... 82  
 Runner adapter with pyramid,  
 rotatable ..... 83  
 Runner four-hole adapter ..... 83  
 Runner junior ..... 27  
 Runner junior adapter with pyramid,  
 rotatable ..... 27  
 Runner junior sole ..... 27  
 Runner spike sole.....83  
 Runner universal sole..... 83

**S**

SACH foot..... 104  
 SACH foot for children..... 24  
 SACH+ foot.....107  
 Safeguard sticker for 1E90 Sprinter .....81  
 Scaled tube 230 mm ..... 47  
 Scaled tube 300 mm ..... 47  
 Screw connection..... 57  
 Screw connection foot adapter  
 2R31=M10, 2R54=M10..... 106  
 Screw connection foot adapter  
 2R31=M8, 2R54=M8..... 100  
 Screw connection foot adapter  
 2R8=M10..... 106  
 Screw connection foot adapter  
 2R8=M8 ..... 114  
 Screw connection for 2R40 ..... 26

Screw set..... 189  
 Seat ring.....369  
 Set of cover caps.....176  
 Set screw..... 32  
 Setting aid with screw ..... 189  
 Sheet metal screw .....243  
 Shield insert.....285  
 Shuttle Lock.....384  
 Shuttle lock housing with bushing..... 65  
 Shuttle lock housing with pyramid .....388  
 Shuttle lock housing with pyramid  
 receiver .....388  
 Shuttle lock with adjustment screw.....384  
 Shuttle lock, waterproof..... 64  
 Single component pack ..... 36  
 Single component pack  
 for sealing sleeve .....305  
 Single component pack  
 for single-axis feet..... 103  
 Single-axis foot adapter  
 with screw connection..... 102  
 Single-axis foot with toes..... 101  
 SiOCX TF .....405  
 SiOCX TF Pro..... 406  
 Sizing scissors.....356  
 Skeo .....334  
 Skeo 3D .....339  
 Skeo Pure..... 69  
 Skeo Sealing.....353  
 Skeo Sealing 3D .....354  
 Skeo Sealing TT..... 71  
 Skeo Skinguard.....338  
 Skeo Unique.....359  
 Slider plate for MagnoFlex Lock .....388  
 Sliding adapter ..... 48  
 Sliding Adapter Set..... 49  
 snap bushing..... 372  
 Socket adapter.....31  
 Socket adapter  
 with pyramid adapter .....235  
 Socket adapter  
 with pyramid receiver .....237  
 Socket adapter  
 with pyramid receiver, rotatable.....239  
 Socket adapter  
 with pyramid, eccentric..... 237  
 Socket adapter  
 with pyramid, rotatable.....236  
 Socket attachment block.....30  
 Socket attachment block  
 for lamination technique.....241  
 Socket attachment block  
 for thermoplastic socket .....242  
 Socket attachment carbon.....242  
 Socket connector..... 160  
 Socket extension, 1/2" .....260  
 Socket nut, 1/2" hexagon SW11.....260  
 Soft bedding padding..... 196  
 SoftTouch stockings  
 for transtibial prostheses .....433  
 Sole set ..... 90  
 Spacer plate.....372  
 Spacer washer..... 50  
 Special grease .....260  
 Special scissors  
 for cutting synthetic fabrics .....356  
 Spectra protective sock black..... 88  
 Spectra protective sock short black ..... 119  
 Spectra Sock for prosthetic feet..... 23  
 Sport knee joint.....39  
 Spots.....396  
 Sprinter ..... 78  
 Sprinter spike sole .....81

Sprinter universal sole.....81  
 Standard footshell (with cap)..... 168  
 Standard footshell (without cap)..... 168  
 Sticky Spots.....396  
 Stop ring .....371  
 SuperSkin cleaner .....430  
 SuperSkin sampler ring .....430

**T**

T adapter ..... 80  
 T-handle, 1/2" .....260  
 Taleo.....139  
 Taleo Adapt ..... 151  
 Taleo Adjust..... 134  
 Taleo bolt cover ..... 140  
 Taleo Harmony ..... 143  
 Taleo Harmony functional ring ..... 144  
 Taleo Low Profile..... 146  
 Taleo Low Profile bolt cover.....147  
 Taleo Side Flex ..... 148  
 Taleo Vertical Shock..... 141  
 Taleo Vertical Shock  
 functional ring set.....142  
 Tattoo for silicone prostheses..... 196  
 Terion.....128  
 Terion K2..... 118  
 Terry cloth residual limb sock .....393  
 Terry cloth residual limb sock  
 with distal hole.....394  
 TF definitive sports foot adapter..... 80  
 TF test sport foot adapter..... 80  
 Thigh kit/Magnetic closure .....269  
 Thigh support.....383  
 Threaded valve set.....366  
 Titanium set screw ..... 59  
 Tool.....243  
 Tool to change footshell..... 191  
 Torsion adapter  
 with four-hole connection .....257  
 Torsion adapter with tube.....257  
 Torsion adapter with tube clamp.....256  
 Trias..... 130  
 Trias footshell ..... 131  
 Triton.....156  
 Triton Harmony ..... 159  
 Triton Heavy Duty.....162  
 Triton Low Profile ..... 161  
 Triton side flex ..... 163  
 Triton Vertical Shock.....157  
 TT definitive sports foot adapter..... 79  
 TT test sport foot adapter..... 79  
 Tube adapter..... 28  
 Tube adapter, angled ..... 28  
 Tube adapter, length-adjustable..... 46  
 Tube adapters..... 58  
 Tube clamp adapter..... 29  
 Tube clamp adapter, angled .....208  
 Tube clamp adapter, movable.....207  
 Two-hole pin wrench..... 67

**U**

Uneo.....344  
 Uneo / Uneo Pure .....346  
 Uneo / Uneo Skinguard ..... 347  
 Uneo 3D.....349  
 Uneo Flex.....345  
 Uneo Fresh .....348  
 Uneo Pure / Uneo Skinguard .....346  
 Uneo Unique.....360  
 Upper closure.....437  
 Upper wedge for 1C70.....138  
 USB Adapter for charging.....268



**V**

V4 EasyLine valve set.....	365
V4 valve set.....	365
V4 valve, right-angled .....	144
V4 valve, straight.....	144
Vacuum connector .....	378
Valve bushing.....	371
Valve cover QuickValve .....	66
Varos .....	403
Varos liner .....	403

**W**

Wade Closure.....	436
Wool residual limb sock .....	395

**X**

X-Soft .....	271
XO coupler.....	191

**Y**

Y adapter cable .....	177
-----------------------	-----

**Z**

Zipper .....	196
--------------	-----

**1**

1A1-2.....	179
1A30.....	124
1A31.....	124
1B1-2.....	175
1C10.....	128
1C11.....	118
1C20.....	188
1C30-1.....	130
1C40.....	173
1C50.....	139
1C51.....	141
1C52.....	143
1C53.....	146
1C56.....	134
1C58.....	148
1C59.....	151
1C60.....	156
1C61.....	157
1C62.....	159
1C63.....	161
1C64.....	162
1C68.....	163
1C70.....	137
1D10.....	109
1D11.....	113
1D35.....	126
1E2/1E2=1.....	89
1E56.....	170
1E57.....	190
1E58.....	183
1E81.....	186
1E90.....	78
1E91.....	82
1E93.....	27
1E95.....	85
1G6.....	99
1H38.....	101
1H40.....	101
1K10.....	25
1K30.....	25
1M10.....	116
1P9.....	192
1S101.....	107
1S30.....	24
1S49.....	104
1S66.....	105
1S90.....	104
1WR95.....	56
2C1.....	117
2C10.....	126
2C100.....	191
2C101.....	23
2C11.....	126
2C12.....	119
2C13.....	119
2C15=*.....	
2C15=*-L.....	135
2C16.....	180
2C19.....	117
2C2.....	189
2C20.....	117
2C21.....	135
2C24.....	23
2C3-1.....	131
2C4.....	173
2C5.....	171
2C6.....	164
2C7.....	175
2C70.....	137
2C8.....	135
2D11.....	117
2D3.....	125
2D4.....	125
2D5.....	103
2D6.....	26
2D7.....	100
2F11.....	133
2F13.....	121
2F14.....	23
2F20.....	171
2F50.....	136
2F51.....	140
2F52.....	147
2F60.....	164
2F70.....	138
2F71.....	138
2F95.....	86
2G120.....	189
2G72.....	176
2K34.....	57
2R10.....	102
2R102.....	247
2R103.....	248
2R105.....	245
2R117.....	160
2R119.....	378
2R120.....	244
2R121.....	244
2R122.....	245
2R123.....	246
2R124.....	246
2R125.....	247
2R14.....	100
2R17.....	288
2R176.....	80
2R177.....	81
2R182.....	185
2R183.....	184
2R185.....	184
2R19.....	271
2R2/2R3.....	205
2R20.....	275
2R21.....	275
2R22.....	103
2R30.....	209
2R31.....	100
2R33.....	102
2R36.....	213
2R37/2R38.....	204
2R38=10.....	205
2R40.....	26
2R41.....	28
2R45=34.....	46
2R45=S.....	46
2R48.....	28
2R50/2R49.....	204
2R50=AL/2R49=AL.....	204
2R51.....	102
2R54.....	99
2R56.....	47
2R57/2R58.....	74
2R67.....	258
2R68.....	267
2R69.....	267
2R76/2R77.....	211
2R8.....	106
2R86.....	125
2S88.....	103
2U3.....	23
2WR95.....	58
2WR95=1.....	58
2Z120.....	189
2Z22.....	57
2Z25.....	24
2Z328.....	189
2Z358.....	81
2Z360.....	144
2Z361.....	144
2Z362.....	142
2Z500.....	81
2Z501.....	81
2Z503.....	90
2Z540.....	83
2Z541.....	83
2Z543.....	27
2Z95.....	86
<b>3</b>	
3B1-3.....	274
3B5-3.....	270
3B5-4.....	266
3C60.....	287
3C88-4/3C98-4.....	280
3D13.....	269
3F1=1.....	285
3F1=1-N.....	411
3F1=2.....	278
3F1=2-N.....	413
3F2=0.....	269
3P101=1.....	411
3P101=2.....	413
3P102.....	412
3R106.....	311
3R106-PRO.....	312
3R15.....	300
3R17.....	296
3R2.....	91
3R20.....	302
3R21.....	307
3R23.....	294
3R24.....	417
3R30.....	307
3R31.....	298
3R32.....	294
3R33.....	296
3R36.....	302
3R38.....	37
3R39.....	36
3R40.....	292
3R41.....	292
3R46.....	322
3R48.....	41
3R49.....	300
3R55.....	321
3R6.....	416
3R60.....	316
3R60-PRO.....	315
3R62.....	299
3R66.....	38
3R67.....	38
3R68.....	35
3R78.....	310
3R80.....	73
3R85.....	319
3R90.....	306
3R92.....	309
3R93.....	304
3R95.....	320
3S106.....	417
3S107.....	418
3S124.....	418
3S26.....	278
3S27.....	419
3S80.....	39
3WR95.....	72

## 4

4D1.....	301
4D10.....	297
4D11.....	297
4D13.....	303
4D15.....	37
4D16.....	293
4D17.....	320
4D18.....	322
4D19.....	321
4D20.....	36
4D28.....	214
4D29.....	305
4D3.....	313
4D4.....	210
4D7.....	308
4D9.....	295
4E50-2.....	177
4E50-3.....	282
4E60.....	272
4E70-1.....	289
4F34.....	295
4G115.....	89
4G70.....	295
4G764.....	74
4G872.....	176
4G901.....	89
4H100.....	277
4H101.....	272
4H102.....	272
4H103.....	277
4H104.....	272
4H105.....	283
4H106.....	283
4H108.....	289
4H99.....	277
4P10.....	35
4P100=7.....	268
4P11.....	35
4P110=7.....	268
4P112=1.....	268
4P8.....	439
4P840=R.....	443
4P860=R.....	440
4P860=U.....	437
4P862.....	284
4P863.....	285
4P880.....	439
4P880=R.....	439
4P880=U.....	439
4R1.....	51
4R100.....	226
4R101.....	48
4R103.....	207
4R104.....	217
4R11.....	33
4R110.....	31
4R111.....	230
4R111=N/4R111=T.....	229
4R112.....	49
4R112*.....	49
4R116.....	229
4R117.....	231
4R118.....	222
4R119.....	231
4R119=N*.....	230
4R120/4R121.....	259
4R136.....	365
4R136=EL.....	365
4R140.....	365
4R142.....	144
4R143.....	144
4R147.....	376
4R152.....	376
4R153.....	378
4R156.....	213
4R160.....	390
4R161.....	391
4R163.....	391
4R164.....	391
4R165.....	390
4R166.....	390
4R167.....	391
4R170.....	52
4R173.....	53
4R174.....	391
4R175.....	391
4R180.....	374
4R181.....	374
4R182.....	375
4R183.....	375
4R201.....	248
4R204.....	80
4R206.....	80
4R208.....	79
4R21.....	207
4R210.....	79
4R212.....	79
4R216.....	83
4R218.....	83
4R22.....	238
4R220.....	370
4R224.....	27
4R23.....	236
4R32.....	330
4R37.....	239
4R39.....	257
4R40.....	257
4R41.....	228
4R42.....	227
4R420.....	80
4R43.....	227
4R44.....	233
4R44=L.....	221
4R47.....	267
4R48.....	267
4R50.....	221
4R51.....	239
4R52.....	205
4R54.....	235
4R55.....	237
4R56.....	208
4R57.....	252
4R57=WR.....	254
4R60.....	31
4R63.....	226
4R66.....	29
4R68.....	226
4R69.....	206
4R72.....	216
4R72=D.....	220
4R73.....	237
4R74.....	235
4R75.....	220
4R76.....	217
4R77.....	236
4R78.....	218
4R82.....	183
4R84.....	219
4R84=D.....	219
4R85.....	256
4R86.....	256
4R87.....	232
4R88.....	212
4R89.....	228
4R91.....	212
4R95.....	238
4R98.....	208
4WR95=1.....	62
4WR95=2.....	62
4WR95=3.....	60
4X1.....	271
4X147.....	160
4X148.....	145
4X154.....	176
4X156.....	283
4X157.....	283
4X158.....	283
4X164.....	436
4X193-1.....	273
4X220.....	379
4X258.....	276
4X259.....	276
4X260.....	158
4X28.....	60
4X3.....	232
4X314.....	372
4X315.....	379
4X316.....	379
4X320.....	371
4X322.....	371
4X324.....	372
4X326.....	372
4X338.....	373
4X339.....	371
4X356.....	377
4X440.....	281
4X441-*.....	176
4X445.....	288
4X446.....	377
4X46.....	62
4X52.....	232
4X633.....	290
4X634.....	290
4X69.....	253
4X8.....	30
4X840.....	290
4X860.....	284
4X880.....	277
4X900.....	273
4X903.....	377
4X904.....	377
4X907.....	34
4Y19.....	49
4Y212.....	48
4Y347.....	377
4Y348.....	377
4Y383.....	145
4Y423.....	60
4Y424.....	60
4Y492.....	255
<b>5</b>	
5A60.....	403
5R1.....	241
5R2.....	241
5R2=C.....	242
5R6.....	242
5R9.....	30
5X108.....	65
5X120.....	65
5X125.....	389
5X163.....	372
5X55.....	389
5Y14.....	243
<b>6</b>	
6A20.....	384
6A30.....	64

6A40.....	385
6A41.....	388
6A43.....	387
6A51.....	388
6A52.....	64
6A53.....	218
6A54.....	218
6A61.....	64
6R18.....	420
6R6.....	420
6R7.....	41
6R8.....	419
6T2.....	402
6Y110.....	353
6Y111.....	354
6Y112.....	71
6Y13.....	64
6Y200.....	403
6Y400.....	360
6Y41.....	69
6Y42.....	334
6Y43.....	70
6Y44.....	401
6Y45.....	401
6Y510.....	345
6Y512.....	348
6Y520.....	346
6Y522.....	346
6Y523.....	347
6Y60.....	344
6Y70.....	337
6Y700.....	359
6Y75.....	338
6Y77.....	339
6Y78.....	340
6Y80.....	351
6Y81.....	355
6Y85.....	351
6Y87.....	352
6Y88.....	352
6Y90.....	341
6Y92.....	341
6Y93.....	342
6Y93F.....	343
6Y94.....	344
6Y95.....	343
<b>7</b>	
7D2.....	328
7D3.....	40
7E10.....	327
7E7.....	326
7E8.....	40
7E9.....	326
7T450.....	405
7T451.....	406
7Z53.....	328
<b>20</b>	
21B37.....	383
21Y105.....	367
21Y12.....	366
21Y123.....	369
21Y14.....	67
21Y140.....	369
21Y2.....	66
21Y21.....	67
21Y21=T.....	68
21Y222.....	67
21Y226.....	371
21Y230.....	67
21Y41.....	369

21Y70.....	301
21Y77.....	369
21Y95.....	369
21Y97.....	367
21Z42.....	66

**60**

60X5.....	177
-----------	-----

**80**

88A20.....	111
88A20=H.....	195
88A20=T.....	196
88A32.....	194
88A32=A.....	195
88A32=NP.....	195
88A32=S.....	195
89D4/89D5.....	195

**90**

99B116.....	433
99B120.....	279
99B122.....	269
99B13.....	369
99B14.....	431
99B14=HE.....	431
99B15.....	431
99B16.....	432
99B22.....	42

**100**

112T1.....	404
114S1.....	405
116X1.....	196
116X2.....	196

**400**

451F10.....	400
451F11.....	399
451F12.....	399
451F13.....	400
451F2.....	393
451F20.....	395
451F21.....	395
451F24.....	392
451F25.....	392
451F26.....	392
451F27.....	393
451F3.....	393
451F4.....	394
451F6.....	394
451U1.....	395
452A1.....	383
453A2.....	380
453A3/453A4.....	380
453A30/453A40.....	381
453D2.....	398
453D4.....	397
453D5.....	398
453D7.....	397
453H1.....	358
453H10.....	357
453H12.....	357
453H14.....	357
453H30.....	358
454A11.....	382
454A7.....	382
454A8.....	382

**500**

501S41.....	30
501S42.....	29
501S44.....	48
501S71.....	50
501S74.....	243
501T24.....	61
501T3.....	61
501T48.....	50
501T61.....	50
501Z16.....	210
501Z2.....	32
502Z22.....	50
506G21.....	65
506G3.....	32
506G5.....	59
507U12.....	50
507U16.....	63
513D83.....	313
560X23-*.....	291
560X29-1.....	269

**600**

616S132.....	396
616S134.....	396
627F13.....	68
633F30.....	260
633S2.....	358
634A80.....	430
640F18.....	356
646M18.....	430
646M22.....	434
646M453.....	358
646M85.....	430
683G1.....	379

**700**

704G30.....	177
709H4.....	260
709H5.....	261
709H6.....	261
709H7.....	260
709H8.....	260
709H9.....	260
719S20.....	356
719S7.....	356
743A29.....	330
743R13.....	404
743Y840.....	181
755E20.....	379
755Y68.....	90
756L10.....	356
757B38.....	180
757L16-4.....	177
757L38.....	180
757L39.....	181
757L43.....	272
757L47.....	268
757L48.....	267
757P48.....	177
757S3.....	181

**A-Z**

ACC-00-10300-00.....	191
BM-214.....	181
CAP-3M-P.....	168
F21.....	153
F22.....	132
F23.....	154
F24.....	22

FTC-2B-1.....	121
FTC-3C-1.....	88
FTC-3M-0.....	168
FTC-3M-1.....	168
KIT-00-11*.....	88
KIT-00-20000-00.....	88
LP2-W2.....	87
R11.....	166
R16.....	167
SL=LR-.....	191
SL=P071.....	187
SL=P078.....	187
SL=P078-PARTS.....	187
SL=SPECTRA-SOCK-7.....	88
SL=SPECTRA-SOCK2-7.....	119
VS4.....	122
VS5.....	120









