

ottobock.

Skeo – Caleo – Uneo

Liner selection tool



Quality for life

Introduction

This brochure is designed to help you as a technician select the right liner and corresponding suspension system for your user.

The final decision is yours as the responsible technician.

Theory

In this section, an appropriate fitting option is suggested with the help of a graphical overview. To find the suggested option, you select the patient's mobility grade and the preferred suspension system (KISS Lanyard System, Shuttle Lock, Valve, DVS or Harmony) and are directed to the liner ranges to be used (Skeo, Caleo, Uneo).

Fitting suggestions based on different residual limb types

To continue narrowing the selection, choose the user's residual limb type and refer to the graphical overview mentioned above.

Liner information

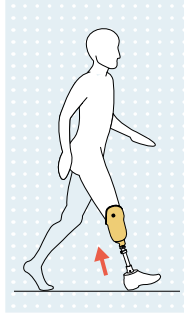
To find out more about the various liners, simply use the tabs. These give you a quick overview of taking measurements, liner sizes, wall thicknesses and the recommended plaster casting technique.

The prosthetic socket

Movements in the prosthetic socket

During the gait cycle, movements occur in the socket. Different residual limb shapes and mobility grades lead to different stresses on the residual limb.

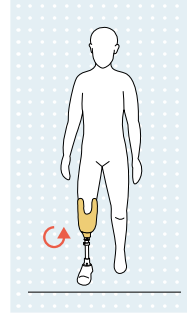
The movements that occur in the socket during all activities can cause damage to the residual limb. They also affect the adhesion and fit of the prosthesis. The objective of Socket Technologies is to control these movements.



Thrusting movements occur at heel strike. Soft liner materials and shock absorbing prosthetic feet dampen the thrusting movement.



Tensile movements occur during the swing phase. With the right liner material and a suitable suspension system, tensile movement can be controlled.



Rotational movements occur during the stance phase. With the help of special suspension systems and through the shape of the socket, rotational movement can be controlled.

Mobility grades

Quality and individuality are our top priorities when fabricating a prosthesis. The O&P professional's selection of the correct prosthesis components is a decisive factor for a successful fitting.

MOBIS is the Ottobock mobility system that focuses on people and their need for enhanced quality of life.

With the help of the MOBIS symbol, the O&P professional can see at a glance which mobility grade the individual prosthetic components are recommended for.

Low



What are known as indoor walkers have a low mobility grade. They are able to cover short distances on an even surface and at low speed.

Medium



Restricted outdoor walkers have a medium mobility grade. They are able to walk on uneven surfaces and negotiate low obstacles such as kerbs and steps.

High



Unrestricted outdoor walkers with particularly high demands have an especially high mobility grade. With their prosthesis, they are able to master more difficult challenges in a work environment or during leisure activities.

Liner ranges



Skeo

Skeo liners are very durable. They stabilise soft tissue and are easy to use. This is due to a low-friction textile cover or a silky smooth exterior coating. They are also easy to clean.



Caleo


Caleo liners are very elastic. They have thermoplastic properties and can therefore be adapted to the residual limb. Medical white oil in the material has a nourishing effect, making it ideal for dry skin as well.



Uneo

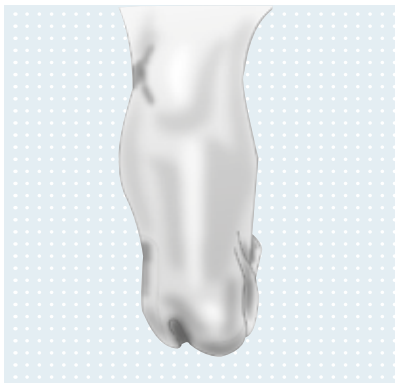
The Uneo liners ensure a precise and comfortable fit thanks to their outstanding flow properties. They thus ensure excellent pressure distribution in the socket. Uneo liners dampen impacts and cushion even sensitive, bony or scarred residual limbs.

Optimal combination options

Material		Skeo		Caleo		Uneo	
		transfemoral	transtibial	transfemoral	transtibial	transfemoral	transtibial
Suspension system	 KISS Lanyard System	✓	-	-	-	-	-
	 Shuttle Lock	✓	✓	-	✓	-	-
	 Valve	✓	✓	-	✓	✓	✓
	 Dynamic Vacuum System	-	-	-	✓	-	-
	  Harmony	✓	✗	-	✗	✓	✓

TT fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade



Cylindrical residual limb shape with very tender soft tissue coverage and overhang

Pin 	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo Caleo Uneo
Valve 	Skeo 6Y41 Caleo 6Y92/93(F)=C Uneo	Skeo 6Y41 Caleo 6Y92/93(F)=C Uneo	Skeo 6Y41 Caleo 6Y92/95=C Uneo 6Y523/Unique	Skeo 6Y41 Caleo 6Y92/95=C Uneo 6Y523/Unique
DVS 	Skeo Caleo Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo
Harmony 	Skeo Caleo Uneo	Skeo Caleo Uneo 6Y522/Unique	Skeo Caleo Uneo 6Y522/Unique	Skeo Caleo Uneo 6Y522/Unique

TT fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade



Cylindrical residual limb shape with good soft tissue coverage

Pin 	Skeo 6Y42/43/70/75 Caleo 6Y90/93(F)=L Uneo 6Y60	Skeo 6Y42/43/70/75 Caleo 6Y90/93(F)=L Uneo 6Y60	Skeo 6Y42/43/70/75 Caleo Uneo	Skeo Caleo Uneo
Valve 	Skeo Caleo 6Y92/93(F)=C Uneo	Skeo 6Y41 Caleo 6Y92/93(F)=C Uneo 6Y523/Unique	Skeo 6Y41 Caleo 6Y92/95=C Uneo 6Y523/Unique	Skeo 6Y41 Caleo 6Y92/95=C Uneo 6Y523/Unique
DVS 	Skeo Caleo Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo
Harmony 	Skeo Caleo Uneo	Skeo Caleo Uneo 6Y522/Unique	Skeo Caleo Uneo 6Y522/Unique	Skeo Caleo Uneo 6Y522/Unique

TT fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade

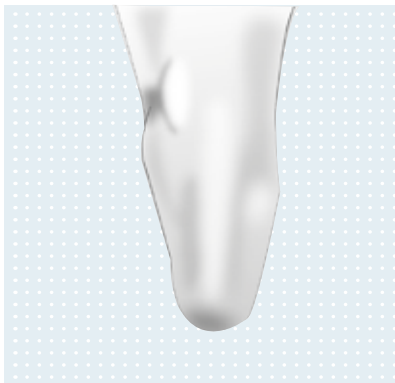


Conical residual limb shape with tender soft tissue coverage and overhang

Pin 	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo Caleo Uneo
Valve 	Skeo 6Y41 Caleo 6Y92/93(F)=C Uneo	Skeo 6Y41 Caleo 6Y92/93(F)=C Uneo 6Y512/Unique	Skeo 6Y41 Caleo 6Y92/95=C Uneo 6Y512/Unique	Skeo 6Y41 Caleo 6Y92/95=C Uneo 6Y512/Unique
DVS 	Skeo Caleo Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo
Harmony 	Skeo Caleo Uneo	Skeo Caleo Uneo 6Y512/Unique	Skeo Caleo Uneo 6Y512/Unique	Skeo Caleo Uneo 6Y512/Unique

TT fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade

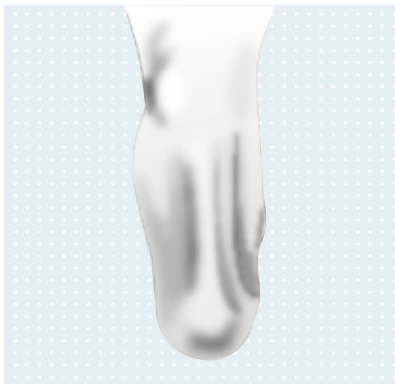


Conical residual limb shape with good soft tissue coverage

Pin 	Skeo 6Y43/6Y77/78 Caleo 6Y93(F)=L Uneo	Skeo 6Y43/6Y77/78 Caleo 6Y93(F)=L Uneo	Skeo 6Y43/6Y77/78 Caleo Uneo	Skeo Caleo Uneo
Valve 	Skeo Caleo 6Y93(F)=C Uneo	Skeo 6Y41 Caleo 6Y93(F)=C Uneo	Skeo 6Y41 Caleo 6Y95=C Uneo 6Y512/Unique	Skeo 6Y41 Caleo 6Y95=C Uneo 6Y512/Unique
DVS 	Skeo Caleo Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo
Harmony 	Skeo Caleo Uneo	Skeo Caleo Uneo 6Y512/Unique	Skeo Caleo Uneo 6Y512/Unique	Skeo Caleo Uneo 6Y512/Unique

TT fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade

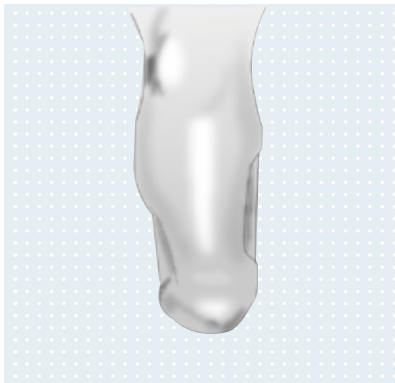


Bony residual limb shape

Pin	Skeo	Skeo	Skeo	Skeo
	Caleo 6Y90/93(F)=L	Caleo 6Y90/93(F)=L	Caleo	Caleo
	Uneo	Uneo	Uneo	Uneo
Valve	Skeo	Skeo	Skeo	Skeo
	Caleo 6Y92/93(F)=C	Caleo 6Y92/93(F)=C	Caleo 6Y92/95=C	Caleo 6Y92/95=C
	Uneo	Uneo 6Y512/Unique	Uneo 6Y512/Unique	Uneo 6Y512/Unique
DVS	Skeo	Skeo	Skeo	Skeo
	Caleo	Caleo 6Y94	Caleo 6Y94	Caleo 6Y94
	Uneo	Uneo	Uneo	Uneo
Harmony	Skeo	Skeo	Skeo	Skeo
	Caleo	Caleo	Caleo	Caleo
	Uneo	Uneo 6Y512/Unique	Uneo 6Y512/Unique	Uneo 6Y512/Unique

TT fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade

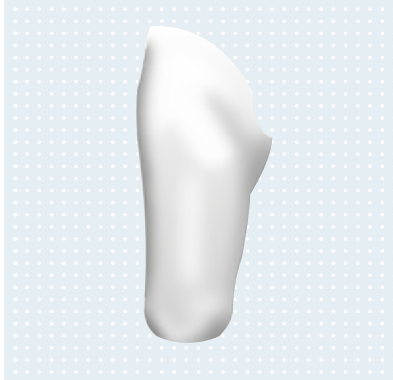


Sensitive residual limbs with retracted scars

Pin 	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo Caleo Uneo
Valve 	Skeo Caleo 6Y92/93(F)=C Uneo	Skeo Caleo 6Y92/93(F)=C Uneo 6Y512/Unique	Skeo Caleo 6Y92/95=C Uneo 6Y512/Unique	Skeo Caleo 6Y92/95=C Uneo 6Y512/Unique
DVS 	Skeo Caleo Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo	Skeo Caleo 6Y94 Uneo
Harmony 	Skeo Caleo Uneo	Skeo Caleo Uneo 6Y512/Unique	Skeo Caleo Uneo 6Y512/Unique	Skeo Caleo Uneo 6Y512/Unique

TF fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade



Cylindrical residual limb shape

KISS	Skeo 6Y80/85 Caleo Uneo	Skeo 6Y80/85 Caleo Uneo	Skeo 6Y80/85 Caleo Uneo	Skeo Caleo Uneo
Valve + ProSeal	Skeo 6Y110 Caleo Uneo	Skeo 6Y110 Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo
Harmony	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo

TF fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade



Cylindrical residual limb shape with very tender soft tissue coverage and overhang

KISS 	Skeo 6Y80/85 Caleo Uneo	Skeo 6Y80/85 Caleo Uneo	Skeo 6Y80/85 Caleo Uneo	Skeo Caleo Uneo
Valve + ProSeal 	Skeo 6Y110 Caleo Uneo	Skeo 6Y110 Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo
Harmony 	Skeo Caleo Uneo	Skeo Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo	Skeo 6Y81/6Y110 Caleo Uneo

TF fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade

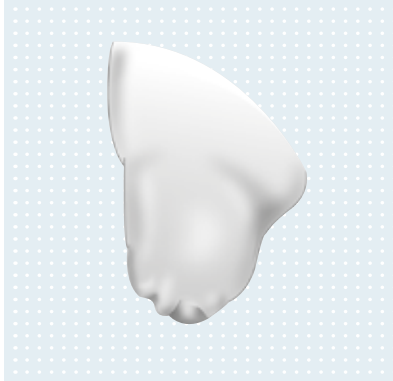


Conical residual limb shape

KISS 	Skeo 6Y87/88 Caleo Uneo	Skeo 6Y87/88 Caleo Uneo	Skeo 6Y87/88 Caleo Uneo	Skeo 6Y87/88 Caleo Uneo
Valve + ProSeal 	Skeo Caleo Uneo	Skeo Unique Caleo Uneo	Skeo Unique Caleo Uneo	Skeo Unique Caleo Uneo
Harmony 	Skeo Caleo Uneo	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique

TF fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade



Conical residual limb shape with very good soft tissue coverage and overhang

KISS 	Skeo 6Y87/88 Caleo Uneo	Skeo 6Y87/88 Caleo Uneo	Skeo 6Y87/88 Caleo Uneo	Skeo 6Y87/88 Caleo Uneo
Valve + ProSeal 	Skeo Caleo Uneo	Skeo Unique Caleo Uneo	Skeo Unique Caleo Uneo	Skeo Unique Caleo Uneo
Harmony 	Skeo Caleo Uneo	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique

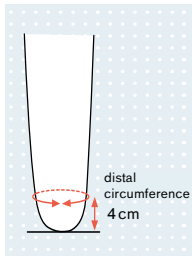
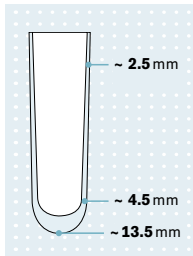
TF fitting suggestions based on different residual limb types

Residual limb shapes versus mobility grade



Residual limbs with retracted scars

KISS 	Skeo Unique Caleo Uneo	Skeo Unique Caleo Uneo	Skeo Unique Caleo Uneo	Skeo Caleo Uneo
Valve + ProSeal 	Skeo Caleo Uneo	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique
Harmony 	Skeo Caleo Uneo	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique	Skeo Unique Caleo Uneo Unique



Article number	6Y42
Amputation level	transtibial (TT)
Distal connection	with
Textile cover	with
Socket design	specific weight-bearing socket
Matrix	10 cm length
Sizes in mm (see distal circumference)	180 mm, 200 mm, 210 mm, 220 mm, 235 mm, 250 mm, 265 mm, 280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm, 420 mm, 450 mm

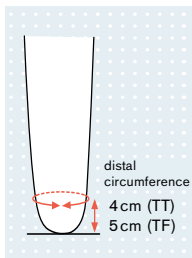
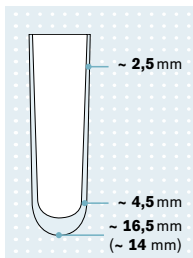


Measure the residual limb circumference 4 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number	=	Size
6Y42	=	280

Skeo



Value in parentheses applies to the 6Y80 version

6Y42, 6Y70, 6Y80,
6Y41, 6Y43,
6Y75, 6Y85

Article number	6Y70	6Y80
Amputation level	transtibial (TT)	transfemoral (TF)
Distal connection	with	with
Textile cover	with	with
Socket design	specific weight-bearing socket	–
Matrix	10 cm length	full length matrix
Sizes in mm (see distal circumference)	160 mm, 180 mm, 200 mm, 210 mm, 220 mm, 235 mm, 250 mm, 265 mm, 280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm also available as a custom liner (6Y70=M)	280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm, 420 mm, 450 mm, 500 mm, 550 mm also available as a custom liner (6Y80=M)

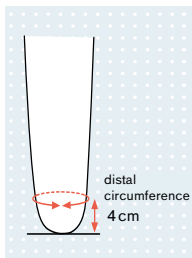
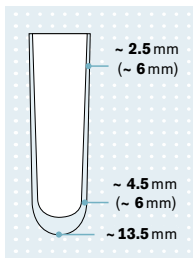
i Measure the residual limb circumference 4 cm (TT) or 5 cm (TF) above the distal end of the residual limb and select the liner size that corresponds to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size

6Y70 = 280

Skeo Pure



Values in parentheses apply to the 6Y41=-6 version

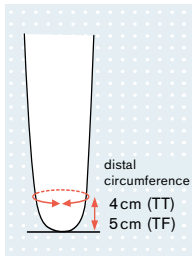
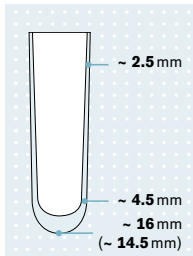
Article number	6Y41	6Y41=-6	6Y43
Pure	Transparency simplifies checking fit and appearance of the skin		
Amputation level	transtibial (TT)	transtibial (TT)	transtibial (TT)
Distal connection	without	without	with
Textile cover	without	without	without
Socket design	specific weight-bearing socket	specific weight-bearing socket	specific weight-bearing socket
Matrix	without	without	10 cm length
Sizes in mm (see distal circumference)	160, 180, 200, 220, 235, 250, 265, 280, 300, 320, 340, 360, 400	160, 180, 200, 220, 235, 250, 265, 280, 300, 320, 340, 360, 400	120, 140, 160, 180, 200, 210, 220, 235, 250, 265, 280, 300, 320, 340, 360, 380, 400, 420, 450

i Measure the residual limb circumference 4 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size
6Y43 = 280

Skeo Skinguard



Value in parentheses applies to the 6Y85 version

6Y42, 6Y70, 6Y80,
6Y41, 6Y43,
6Y75, 6Y85

Article number	6Y75	6Y85
Skinguard	with antibacterial properties that improve	hygiene and protect the liner material
Amputation level	transtibial (TT)	transfemoral (TF)
Distal connection	with	with
Textile cover	with	with
Socket design	specific weight-bearing socket	–
Matrix	10 cm length	full length matrix
Sizes in mm (see distal circumference)	160 mm, 180 mm, 200 mm, 210 mm, 220 mm, 235 mm, 250 mm, 265 mm, 280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm also available as a custom liner (6Y75=M)	280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm, 420 mm, 450 mm, 500 mm, 550 mm also available as a custom liner (6Y85=M)



Measure the residual limb circumference 4 cm (TT) or 5 cm (TF) above the distal end of the residual limb and select the liner size that corresponds to this measurement or the next smaller size.

Article no. (ordering example):

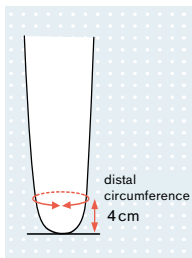
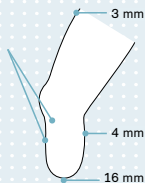
Reference number = Size

6Y75 = 280

Skeo 3D



7 mm build-ups at the tibial crest and fibular head



Article number	6Y77	6Y78	
3D	anatomical shape oriented to the natural contours of the residual limb		
Skinguard	without	with antibacterial properties that improve hygiene and protect the liner material	
Amputation level	transtibial (TT)	transtibial (TT)	
Distal connection	with	with	
Textile cover	with	with	
Socket design	specific weight-bearing socket	specific weight-bearing socket	
Matrix	dependent on residual limb length	dependent on residual limb length	
Size	Residual limb length below the MPT		
Circumference	75 mm	125 mm	175 mm
4 cm from distal	(50–100 mm)	(100–150 mm)	(150–200 mm)
180 mm (185–205 mm)		●	
200 mm (205–225 mm)		●	
220 mm (225–245 mm)		●	●
235 mm (240–260 mm)		●	●
250 mm (255–275 mm)		●	●
265 mm (270–290 mm)	●	●	●
280 mm (285–305 mm)		●	●
300 mm (305–325 mm)			●
320 mm (325–345 mm)			●



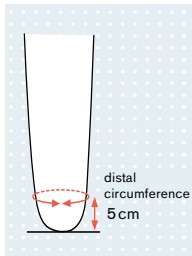
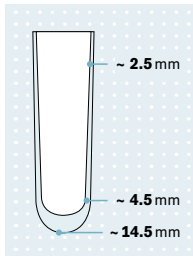
Two measurements are needed to determine the correct size of the liner:

- 1 Measure the length from the MPT to the end of the residual limb to determine residual limb length.
- 2 Measure the circumference 4 cm above the end of the residual limb to determine residual limb circumference.
- 3 Select the article number in the table according to the measurements taken.

Article no.
(ordering example):

Reference number	Size x = residual limb length
6Y78	= 180 x 125

Skeo 3D



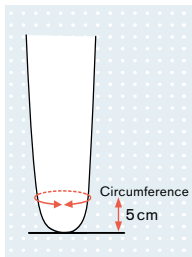
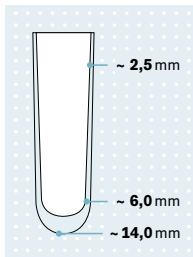
Article number	6Y87	6Y88
3D	anatomical shape oriented to the natural contours of the residual limb	anatomical shape oriented to the natural contours of the residual limb
Skinguard	without	with antibacterial properties that improve hygiene and protect the liner material
Amputation level	transfemoral (TF)	transfemoral (TF)
Distal connection	with	with
Textile cover	with	with
Matrix	full length matrix	full length matrix
Sizes in mm (see distal circumference)	250 mm, 265 mm, 280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm, 450 mm	

i Measure the residual limb circumference 5 cm above the distal end of the residual limb and select the liner size that corresponds to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size
6Y88 = 280

Skeo Sealing



Article number	6Y110	
Sealing	integrated sealing ring that seals the socket	
Amputation level	transfemoral (TF)	
Distal connection	without	
Textile cover	without	
Matrix	with full-length matrix	
Sizes in mm (see distal circumference)	ring height 10 cm from 15 cm residual limb length	ring height 17 cm from 22 cm residual limb length
	280 x 10	280 x 17
	300 x 10	300 x 17
	320 x 10	320 x 17
	340 x 10	340 x 17
	360 x 10	360 x 17
	380 x 10	380 x 17
	400 x 10	400 x 17
	450 x 10	450 x 17
	500 x 10	500 x 17
	550 x 10	550 x 17



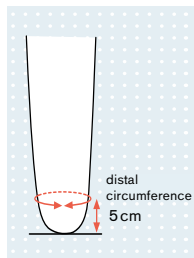
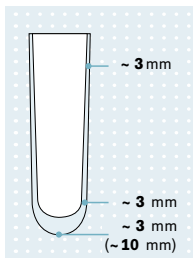
Measure the residual limb circumference 5 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

The liner is available with the seal in two different locations: Standard 10 cm and High Profile 17 cm. The High Profile (17 cm) variant should be used when residual limb length allows for it, especially in case of sensitive spots on the distal femur.

Article no.
(ordering example):

Reference number	=	Size x ring height
6Y110	=	320 x 10

ProSeal



Value in parentheses applies to the 6Y81=-10 version

Article number	6Y81	6Y81=-10
Amputation level	transfemoral (TF)	transfemoral (TF)
Distal connection	without	without
Textile cover	without	without
Matrix	without	without
Sizes in mm (see distal circumference)	280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm, 420 mm, 450 mm, 500 mm, 550 mm	280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm, 420 mm, 450 mm, 500 mm, 550 mm



Measure the residual limb circumference 5 cm above the distal end of the residual limb and select the liner size that corresponds to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size (-10 mm distal cushion)

6Y81 = 320 (-10)

6Y77, 6Y78, 6Y87,
6Y88, 6Y110, 6Y81,
Unique

Skeo Unique



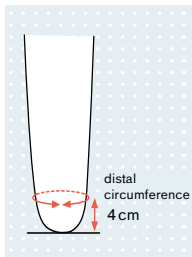
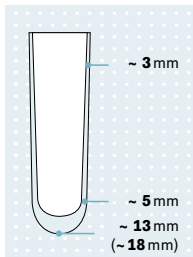
Our custom liners are an excellent solution when an individual fit is needed.

Skeo Unique

Our custom silicone liners are ideal when a distal connection or greater durability is needed. The Skeo Unique product range extends from adapted versions of our standard Skeo liners, to highly flexible and durable custom liners from the silicone Service Fabrication for unique shapes, e.g. highly conical for scarred residual limbs, when different durometers are needed, for undercuts, varying lengths and thicknesses, and when custom colours are desired for a truly personal touch.

- For further information on the different models, article numbers or the ordering process please refer to the service fabrication catalogue (646K71).

Caleo



Value in parentheses applies to the 6Y90 version

Article number	6Y90	6Y92
Amputation level	transtibial (TT)	transtibial (TT)
Distal connection	with	without
Textile cover	with	with
Socket design	specific or total surface weight-bearing socket	specific or total surface weight-bearing socket
Matrix	10 cm length	without
Sizes in mm (see distal circumference)	200 mm, 250 mm, 280 mm, 320 mm, 360 mm	

i Measure the residual limb circumference 4 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

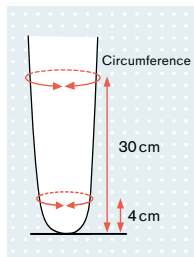
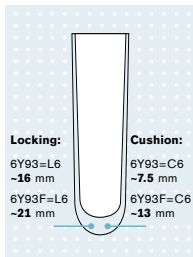
Article no. (ordering example):

Reference number = Size

6Y92 = 280

6Y90, 6Y92,
6Y93, 6Y95, 6Y94

Caleo 3D



Article number	6Y93=L6 / 6Y93F=L6	6Y93=C6 / 6Y93F=C6		
3D	thicker front (6 mm) to protect the bony structures and thinner back (3 mm) for easier flexion			
Amputation level	transtibial (TT)	transtibial (TT)		
Distal connection	with	without		
Textile cover	with	with		
Socket design	specific or total surface weight-bearing socket	specific or total surface weight-bearing socket		
Matrix	without	without		
Sizes in mm (see distal circumference)	4 cm from distal		30 cm from distal	
	min	max	min	max
	S 150	260	S 200	330
	M 180	310	M 230	410
	MP 200	310	MP 330	560
	L 230	350	L 360	560
	LP 280	430	LP 400	630
	XL 330	500	XL 430	690

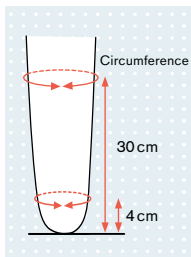
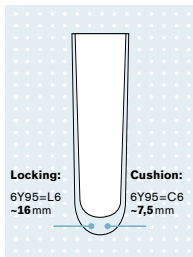
i Measure the residual limb circumference 4 cm and 30 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size

6Y93(F) = **C6-M (F= liner length 50 cm)**

Caleo 3D



Article number	6Y95=L6	6Y95=C6																																								
3D	thicker front (6 mm) to protect the bony structures, thinner back (3 mm) and Flex-Zone (anterior) for easier flexion																																									
Amputation level	transtibial (TT)	transtibial (TT)																																								
Distal connection	with	without																																								
Textile cover	with	with																																								
Socket design	specific or total surface weight-bearing socket	specific or total surface weight-bearing socket																																								
Matrix	without	without																																								
Sizes in mm (see distal circumference)	<table border="1"> <thead> <tr> <th></th> <th colspan="2">4 cm von distal</th> <th colspan="2">30 cm von distal</th> </tr> <tr> <th></th> <th>min</th> <th>max</th> <th>min</th> <th>max</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>150</td> <td>260</td> <td>200</td> <td>330</td> </tr> <tr> <td>M</td> <td>180</td> <td>310</td> <td>230</td> <td>410</td> </tr> <tr> <td>MP</td> <td>200</td> <td>310</td> <td>330</td> <td>560</td> </tr> <tr> <td>L</td> <td>230</td> <td>350</td> <td>360</td> <td>560</td> </tr> <tr> <td>LP</td> <td>280</td> <td>430</td> <td>400</td> <td>630</td> </tr> <tr> <td>XL</td> <td>330</td> <td>500</td> <td>430</td> <td>690</td> </tr> </tbody> </table>			4 cm von distal		30 cm von distal			min	max	min	max	S	150	260	200	330	M	180	310	230	410	MP	200	310	330	560	L	230	350	360	560	LP	280	430	400	630	XL	330	500	430	690
	4 cm von distal		30 cm von distal																																							
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i Measure the residual limb circumference 4 cm and 30 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

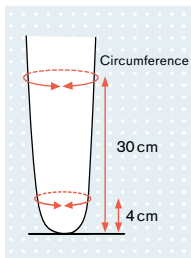
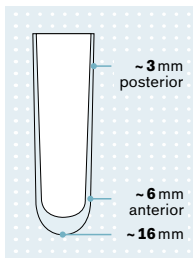
Article no. (ordering example):

Reference number = Size

6Y95 = **C6-M**

6Y90, 6Y92,
6Y93, 6Y95, 6Y94

DVS liner



Article number	6Y94			
3D	thicker front (6 mm) to protect the bony structures and thinner back (3 mm) for easier flexion			
Amputation level	transtibial (TT)			
Distal connection	with DVS connection			
Textile cover	with full cover or with partial cover (-F)			
Socket design	specific or total surface weight-bearing socket			
Matrix	without			
Sizes in mm (see distal circumference)	4 cm from distal		30 cm from distal	
	min	max	min	max
S	150	260	S	200
M	180	310	M	230
MP	200	310	MP	330
L	230	350	L	360
LP	280	430	LP	400
XL	330	500	XL	430
				690



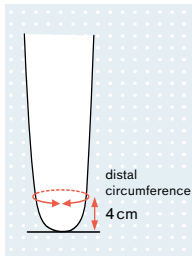
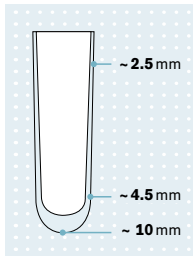
Measure the residual limb circumference 4 cm and 30 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size

6Y94 = M (-F)

Uneo



Article number	6Y60
Amputation level	transtibial (TT)
Distal connection	with
Textile cover	with
Socket design	specific or total surface weight-bearing socket
Matrix	without
Sizes in mm (see distal circumference)	160 mm, 180 mm, 200 mm, 210 mm, 220 mm, 235 mm, 250 mm, 265 mm, 280 mm, 300 mm, 320 mm, 340 mm, 360 mm, 380 mm, 400 mm

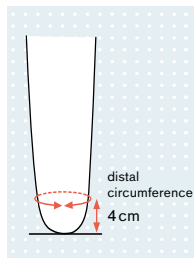
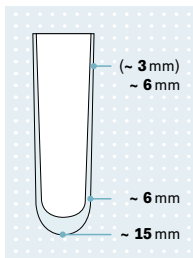
i Measure the residual limb circumference 4 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number	=	Size
6Y60	=	280

6Y60, 6Y520,
6Y523, 6Y520,
6Y522

Uneo



Value in parentheses applies to the 6Y523 version

Article number	6Y520=*-5/-9	6Y523
Amputation level	transtibial (TT)	transtibial (TT)
Distal connection	without	without
Textile cover	Textile cover optional (anthracite (-5) or beige (-9))	with (anthracite)
Socket design	Total surface weight-bearing socket	Total surface weight-bearing socket
Matrix	without	without
Sizes in mm (see distal circumference)	190 mm, 230 mm, 290 mm, 330 mm, 400 mm	190 mm, 210 mm, 230 mm, 250 mm, 290 mm, 310 mm

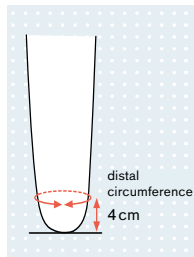
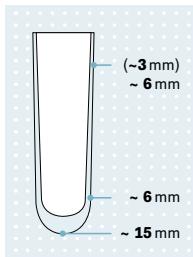
i Measure the residual limb circumference 4 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size (-textile)

6Y520 = 290 (-5)

Uneo Pure



Value in parentheses applies to the 6Y522 version

Article number	6Y520	6Y522
Amputation level	transtibial (TT)	transtibial (TT)
Distal connection	without	without
Textile cover	without	without
Socket design	Total surface weight-bearing socket	Total surface weight-bearing socket
Matrix	without	without
Sizes in mm (see distal circumference)	190 mm, 230 mm, 290 mm, 330 mm, 400 mm	190 mm, 210 mm, 230 mm, 250 mm, 290 mm, 310 mm



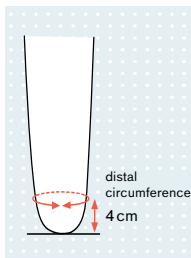
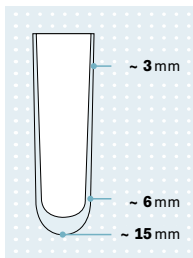
Measure the residual limb circumference 4 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number	=	Size
6Y520	=	290

6Y60, 6Y520,
6Y523, 6Y520,
6Y522

Uneo Skinguard



Article number	6Y522=*-G	6Y523=*-G
Skinguard	with antibacterial properties that improve	hygiene and protect the liner material
Amputation level	transtibial (TT)	transtibial (TT)
Distal connection	without	without
Textile cover	without	with (anthracite)
Socket design	Total surface weight-bearing socket	Total surface weight-bearing socket
Matrix	without	without
Sizes in mm (see distal circumference)	190 mm, 210 mm, 230 mm, 250 mm, 290 mm, 310 mm	

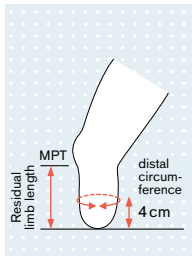
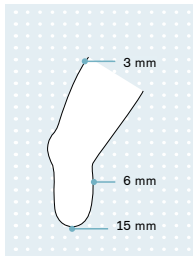
i Measure the residual limb circumference 4 cm above the distal end of the residual limb and select the liner size corresponding to this measurement or the next smaller size.

Article no. (ordering example):

Reference number = Size -G (-Skinguard)

6Y523 = 290 (-G)

Uneo Flex



Article number	6Y510		
Flex	pre-flexed for easier knee flexion		
Distal connection	without		
Textile cover	Textile cover optional (anthracite (-5) or beige (-9))		
Socket design	Total surface weight-bearing socket		
Matrix	without		
Circumference 4 cm from distal	Residual limb length from the centre of the knee		
	75 mm	125 mm	175 mm
175 mm	●		
200 mm	●		
210 mm		●	●
225 mm	●		
235 mm		●	●
250 mm	●		
260 mm		●	●
275 mm	●		
285 mm		●	●
300 mm	●		
310 mm		●	●
325 mm	●		

Article no. (ordering example):

Reference number = Size x length
6Y510 = 210 x 125



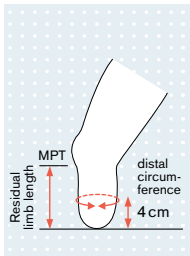
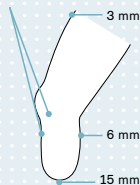
Two measurements are needed to determine the correct size of the liner:

- 1 Measure the length from the MPT to the end of the residual limb to determine residual limb length.
- 2 Measure the circumference 4 cm above the end of the residual limb to determine residual limb circumference.
- 3 Select the article number in the table according to the measurements taken.

Uneo 3D



9 mm build-ups at tibial crest and fibular head



Article number	6Y512		
3D	anatomical shape oriented to the natural contours of the residual limb		
Skinguard	optional; with antibacterial properties that improve hygiene and protect the liner material		
Amputation level	transtibial (TT)		
Distal connection	without		
Textile cover	optional with integrated partial textile (-F)		
Socket design	Total surface weight-bearing socket		
Matrix	without		
Size	Residual limb length below the MPT		
Circumference 4 cm from distal	75 mm (50–100 mm)	125 mm (100–150 mm)	175 mm (150–200 mm)
210 mm (215–235 mm)		●	●
235 mm (240–265 mm)		●	●
250 mm (255–275 mm)	●		
265 mm (260–280 mm)		●	●
280 mm (285–310 mm)		●	●
300 mm (310–335 mm)		●	●



Two measurements are needed to determine the correct size of the liner:

- 1 Measure the length from the MPT to the end of the residual limb to determine residual limb length.
- 2 Measure the circumference 4 cm above the end of the residual limb to determine residual limb circumference.
- 3 Select the article number in the table according to the measurements taken.

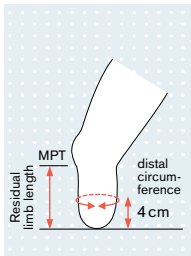
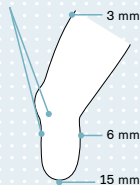
Article no. (ordering example):

Reference number = Size x residual limb length (- partial textile) (-Skinguard)
6Y512 = 210 x 125 (-F) (-G)

Uneo Fresh



9 mm build-ups at tibial crest and fibular head



Article number	6Y512=-*P		
Fresh	Fragrance to give the user a long-lasting fresh feeling		
3D	anatomical shape oriented to the natural contours of the residual limb		
Amputation level	transtibial (TT)		
Distal connection	without		
Textile cover	optional with integrated partial textile (-F)		
Socket design	Total surface weight-bearing socket		
Matrix	without		
Size	Residual limb length below the MPT		
Circumference 4 cm from distal	75 mm (50–100 mm)	125 mm (100–150 mm)	175 mm (150–200 mm)
210 mm (215–235 mm)		●	●
235 mm (240–265 mm)		●	●
250 mm (255–275 mm)	●		
265 mm (260–280 mm)		●	●
280 mm (285–310 mm)		●	●
300 mm (310–335 mm)		●	●



Two measurements are needed to determine the correct size of the liner:

- 1 Measure the length from the MPT to the end of the residual limb to determine residual limb length.
- 2 Measure the circumference 4 cm above the end of the residual limb to determine residual limb circumference.
- 3 Select the article number in the table according to the measurements taken.

Article no. (ordering example):

Reference number = Size x length

6Y512 = 210 x 125(-F)-P

Uneo Unique



Due to the special properties of polyurethane gel, Uneo Unique custom liners give patients good pressure distribution, high shock absorption and elasticity. Its material properties make the individual Uneo Unique custom liner well suited for scarred, bony and especially sensitive residual limbs. These benefits can be very important, especially for diabetes patients.

Ottobock has several ordering options to meet the individual needs of your patient:

- Uneo Unique custom liners for transtibial, transfemoral, Syme und transmalleolar amputations and for knee disarticulation
- with or without textile cover
- with the Skinguard antibacterial agent or Fresh fragrance
- with varying wall thicknesses
- complex features such as knee flexion $>15^\circ$, a bulging, eccentric or concave residual limb end, pronounced retracted scar tissue or extra large size (length >50 cm, circumference >50.5 cm)

Individual Uneo Unique custom liners are ordered from a plaster cast.

Accessories



756L10

Liner trimmer

For trimming and rounding off the proximal cut edge of a liner without a textile cover.

756Y84

Replacement blades for liner trimmer



719S7

Special scissors for cutting synthetics

For cutting liners with a textile cover.

The special coating of the scissors for synthetic fibres ensures effective protection against abrasive wear and tear. The coating makes the scissor blades especially durable.

Derma skin care series



The Derma series has a selection of skin care products that have been especially adapted to the needs of prosthesis and orthosis wearers: Derma Clean, Derma Prevent and Derma Repair

453H10

Derma Clean

- Cleans gently and thoroughly
- pH-neutral, free of alkali and phosphates

453H12

Derma Prevent

- Covers stressed skin with a protective coating
- Leaves the skin soft and supple

453H14

Derma Repair

- Moisturises stressed and irritated skin
 - Reduces the effects of excessive stress and soothes irritated skin
 - Regulates moisture and makes the skin noticeably more supple
-

Textiles

Terry cloth residual limb sock, lower leg	451F2=*								
Length (in cm)	20	25	30	35	40	45	50	60	80
Coloured trim	green	navy	yellow	royal blue	brown	black	orange	red	white
Cotton residual limb sock, lower leg	451F3=*								
Length (in cm)	20	25	30	35	40	45	50	60	
Coloured trim	green	navy	yellow	royal blue	brown	black	orange	red	
Nylon residual limb sock with hole	451F4=*								
Size	Lower leg 11-30		Lower leg 11-40		Thigh 20-30		Thigh 20-40		
Length (in cm)	30		40		30		40		
Proximal circumference (in cm)	11		11		20		20		
Terry cloth residual limb sock with hole	451F6=*								
Size	Lower leg 11-30		Lower leg 11-40		Thigh 20-30		Thigh 20-40		
Length (in cm)	30		40		30		40		
Proximal circumference (in cm)	11		11		20		20		
Nylon protective sleeve	451F21=*								
Size	S		M		L				
Length (in cm)	25.5		33.0		40.5				
Proximal circumference (in cm)	20		22		23				

