

**ottobock.**

***Taleo family.***  
Ready for  
everyday life.



Information for practitioners

# More than a foot. A foundation.

With every fitting, your goal is the same as ours: to craft the best possible solution for your patients. Whether you're fitting an above or below knee amputee, the quality and performance of the whole prosthesis will be impacted by the quality and performance of the foot. That's why we at Ottobock believe the foot plays such a vital role.

To make sure that you can achieve the best possible fitting outcome for your patients, our extensive carbon foot portfolio offers a wide range of options to choose the right solution that best suits your patients' needs. It's more than just a component. It's a foundation.



## **Terion K2** – Confidence in every step.

Designed for **less active individuals** who mainly navigate indoor environments and will utilise a walking aid for outdoor ambulation and place a high value on dependable support from their prosthetic foot.

MG 1-2 | Up to 175 kg



## **Trias** – Secure as expected.

Designed for **moderately active individuals** who navigate indoor and familiar outdoor environments and place a high value on consistent stability when walking.

MG 2-3 | Up to 125 kg

Protected against fresh, salt and chlorinated water





## **Taleo** – Ready for everyday life.

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.

MG 3-4 | Up to 150 kg

Protected against fresh, salt and chlorinated water\*

### **Family members:**

\*1C50 *Taleo*, 1C51 *Taleo Vertical Shock*, 1C52 *Taleo Harmony*

\*1C53 *Taleo Low Profile*

\*1C56 *Taleo Adjust* (MG 2-3)

\*1C58 *Taleo Side Flex*

\*1C59 *Taleo Adapt*



## **Triton** – Your will. Your way.

Designed for **highly active individuals** who navigate varied indoor and outdoor environments and place a high value on uncompromised response and control even when performing high-impact activities.

MG 3-4 | Up to 150 kg

Protected against fresh, salt and chlorinated water\*

### Family members:

1C60 *Triton*, 1C61 *Triton Vertical Shock*,

1C62 *Triton Harmony*

\*1C63 *Triton Low Profile*

\*1C64 *Triton Heavy Duty*

\*1C68 *Triton side flex*



Taleo family | Ottobock 3



“  
*It just gives you a very good powerful stride and you know each step is sure.*  
Martin

# **Taleo.** Ready for everyday life.

Our development continues: with the *Taleo* prosthetic feet, our expanded family of carbon feet provides you with more options to choose the right foot for your patient.

# Taleo family.

The prosthetic feet of the *Taleo* family feel comfortable, so active users can manage life completely on their own terms. They feature smooth rollover, and their efficient energy return supports a dynamic gait. In doing so, the *Taleo* prosthetic feet adapt flexibly to each user's individual gait characteristics and various surfaces.



## **Energy efficient walking for less fatigue at the end of the day**

The *Taleo* prosthetic feet give users the right amount of energy return for every step. This means they have more energy to cover longer distances or walk at varying walking speeds.

## **Smooth rollover for easy walking**

The *Taleo* prosthetic feet's seamless rollover from heel strike to toe off allow easy and comfortable walking without dead spots. It lets users move smoothly when spontaneously changing speed and direction.

## **Freely navigating uneven terrain**

The *Taleo* prosthetic feet accommodate to varying terrain conditions that we encounter every day. Users can move freely and easily on uneven or sloping terrain – whether at home or out on grassy areas, forest paths or rocky ground.

# Made for optimal fitting results.

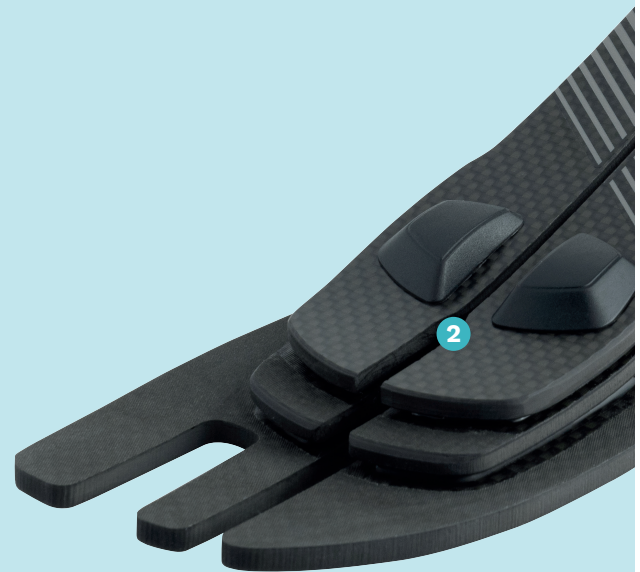
## 1 Unique flexible connection of the carbon springs in the forefoot

The flexible design allows *Taleo* to adapt to varying terrain conditions and makes walking on uneven terrain and slopes easy and comfortable. This is also supported by the flexible, non-screw connection of the three carbon springs in the forefoot area.



### The footshell

Openings in the sole of the footshell prevent water from collecting in the prosthesis. Alignment marks on the footshell facilitate bench alignment.





1C50 **Taleo**

## 2 Double springs and a long carbon base

Thin double carbon springs and a long carbon base spring ensure high flexibility and efficient energy return. The design delivers a smooth roll-over, without dead spots. A dynamic gait is possible, even at varying speeds, thanks to the highly efficient ratio between energy input and return.



## 3 Customisable impact stress at heel strike and gait dynamics

The large selection of heel wedges makes it possible to customise the impact stress at heel strike as well as the gait dynamics.



# 1C50 Taleo.

With the *Taleo* prosthetic foot users are ready for everyday life.



waterproof

The *Taleo* is the first product in the *Taleo family* of prosthetic feet. The carbon foot enables a smooth rollover for energy efficient walking and adaptation to various types of terrain.

- Three different heel wedge options can be used to customise the impact stress at heel strike as well as the gait dynamics.
- The slim connection adapter is suitable for a cosmetic fitting.
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis.
- Protected against fresh, salt and chlorinated water.

“

*The thing about the Taleo foot,  
it is easy. It makes every step  
glide. It is ready to walk.  
And it is ready to walk you.*

Martin



# 1C51

## Taleo Vertical Shock.

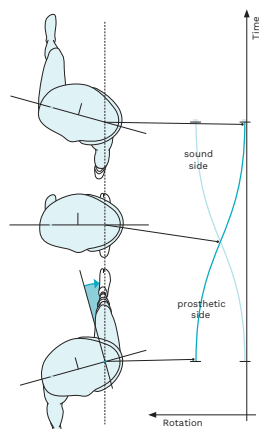
The *Taleo* for users who lead an active life and want to relieve their residual limb.



weatherproof

The *Taleo Vertical Shock* absorbs even more torsion and supports the natural rotation movements that occur not only during various turning motions in everyday life but also when walking straight ahead, as the pelvis rotates over the foot when weight is placed on it.

### Natural pelvis rotation during walking



- The  $\pm 10^\circ$  of torsion absorption of the functional ring prevents the transmission of torsion moments from the socket to the residual limb and skin.
- This type of unit can reduce shear forces occurring on the residual limb and the resulting skin irritation.<sup>1,2</sup>
- The vertical spring deflection of up to 15 mm absorbs the impacts the user feels when setting the foot down. This enhances comfort, especially in situations such as going down stairs.<sup>3</sup>
- Three different heel wedge options can be used to customise the impact stress at heel strike as well as the gait dynamics.
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis.
- Weatherproof

[1] Pasquina PF; Cooper RA (Hg.) (2009): Care of the combat amputee. Borden Institute, Walter Reed Army Medical Center; (Textbooks of military medicine).  
[2] Segal A Det al. (2009): Transfemoral amputee joint rotation moments during straight-line walking and a common turning task with and without a torsion adapter. Journal of rehabilitation R&D 46.  
[3] Popielarz Set al. (2014): Shock absorbers for vascular trans-tibial amputees in environmental situations seem more efficient on comfort than on oxygen consumption. Science & Sports 29 (4).

# 1C52

## Taleo Harmony.

The *Taleo* for users who value a firm hold and control of their prosthesis throughout the day and want to relieve their residual limb.



weatherproof

In addition to absorbing torsion even more effectively, the *Taleo Harmony* also offers users a firm fit at all times thanks to the integrated *Harmony P3* pump.<sup>4</sup>

“

*Of course you shouldn't expect the impossible, but I don't see any difference to my life before the accident and after the amputation. I can go back to doing whatever I want.*

Flori

- The integrated active vacuum gives users better control over the prosthesis, minimises residual limb problems and skin irritation caused by pistoning and also stabilises the residual limb volume.<sup>5,6</sup>
- The +/- 10° of torsion absorption of the functional ring prevents the transmission of torsion moments from the socket to the residual limb and skin. This type of unit can considerably reduce shear forces occurring on the residual limb and the resulting skin irritation.<sup>1,2</sup>
- The vertical spring deflection of up to 15 mm absorbs the impacts the user feels when setting the foot down. This enhances comfort, especially in situations such as going down stairs.<sup>3</sup>
- Three different heel wedge options can be used to customise the impact stress at heel strike as well as the gait dynamics.
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis.
- Weatherproof

[4] Klute GK et al. (2011): Vacuum-assisted socket suspension compared with pin suspension for lower extremity amputees: effect on fit, activity, and limb volume. *Archives of physical medicine and rehabilitation* 92(10).

[5] Board, W et al. (2001): A comparison of transtibial amputee suction and vacuum socket conditions. *Prosthet Orthot Int* 25(3).

[6] Trallesi M et al. (2012): Residual limb wounds or ulcers heal in transtibial amputees using an active suction socket system. A randomized controlled study. *European journal of physical and rehabilitation medicine* 48(4).

# 1C53

## Taleo Low Profile.

The *Taleo* for users with limited build height.



waterproof

Thanks to the *Taleo Low Profile*, users who have only limited build height available for the installation of their prosthetic foot can also benefit from the high energy return and flexibility of the *Taleo* family.

- The curved bottom of the pyramid enables more controlled forward movement during the rollover than with 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.
- A distinguishing feature of the *Taleo Low Profile* is its low weight.
- Water runoff contours on the adapter and openings in the sole of the footshell prevent water from collecting in the prosthesis.
- Protected against fresh, salt and chlorinated water.

“

*The Taleo Low Profile is a very smooth foot. It feels very stable and it is not hard to walk in. I love to play with my dogs in the water so it's nice having a foot that is waterproof.*

Cassie

# 1C56

## Taleo Adjust.

The *Taleo* for users who place a high value on flexibility in the choice of footwear.



waterproof

With the *Taleo Adjust* users can wear different shoes with different heel heights. At the touch of a push of a button, they can set the appropriate heel height from 0 up to 7 cm.

- 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 foot prevent water from collecting in the prosthesis.
- Protected against fresh, salt and chlorinated water.

“

*I am wearing my Taleo Adjust which is amazing because it has new features. And it is the special button, if you just push it, you can wear different types of shoes.*

Natálie

# 1C58

## Taleo Side Flex.

The *Taleo* for users who value a high degree of socket comfort on uneven surfaces.



The *Taleo Side Flex* sets a new standard for mediolateral flexibility. Compared with conventional prosthetic feet, its Terrain Adaptation Unit (TAU) lets it adapt to slopes right after heel strike to an exceptional degree.



### Benefits for users

- Secure full-surface ground contact while walking and standing<sup>7,8</sup>
- Reduced sideward tilting moments in the prosthetic socket or knee<sup>8</sup>
- Fewer compensating movements<sup>8</sup>
- Improved comfort and enhanced feeling of safety<sup>8</sup>

- The Terrain Adaptation Unit enables mediolateral adaptation of 20° in total for immediate and full-surface ground contact while walking and standing, even on uneven surfaces and slopes.<sup>7,8</sup>
- The curved bottom of the Terrain Adaptation Unit enables more controlled forward movement during the rollover than with low profile feet with 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.
- The technology is robust and maintenance-free.
- Suitable for users who have only limited build height available for the installation of their prosthetic foot.
- Openings in the sole of the footshell prevent water from collecting in the prosthesis.
- Protected against fresh, salt and chlorinated water.

[7] Ernst, M et al. (2020): Characterizing adaptations of prosthetic feet in the frontal plane. *Prosthetics and Orthotics International* 44(4)  
[8] Altenburg, B et al. (2021): Effects of a prosthetic foot with increased coronal adaptability on cross-slope walking. *CPOJ* 4(1)

# 1C59

## Taleo Adapt.

The *Taleo* for users who navigate a lot on uneven surfaces and slopes.



The *Taleo Adapt's* hydraulic ankle unit allows the foot to adapt to slopes and uneven surfaces for greater flexibility and comfort. An added benefit of the foot is that it also provides improved socket comfort on various terrains.

“

*With the prosthesis that I have, I feel like I can push the limit and do whatever, there is no fear. I like the way that there is flexion, movement in my ankle. It feels pretty close like how my other leg feels.*

Carlos



waterproof

- Hydraulic ankle allows up to 2 degrees dorsiflexion and 10 degrees plantarflexion for a total range of 12 degrees.
- The dorsiflexion and plantarflexion adjustment valves allow resistance to be optimised to the individual user needs.
- Dorsiflexed position during swing phase for improved toe clearance.
- 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.



Tireo family | CircleLock 15

# Order information

## 1C50, 1C51, 1C52, 1C53, 1C58

### Selection of the spring stiffness depending on

1 body weight and activity as well as

2 foot size

Body weight (kg)	Normal activity level	High activity level
Up to 51	1	2
52 – 58	2	3
59 – 67	3	4
68 – 77	4	5
78 – 88	5	6
89 – 100	6	7
101 – 115	7	8
116 – 130	8	9*
131 – 150	9*	–

Stiffness	Foot size (cm)								
	1	2	3	4	5	6	7	8	9*
22						–	–	–	–
23							–	–	–
24							–	–	–
25								–	–
26								***	–
27	–	–						***	***
28	–	–						***	***
29	–	–	–				**	***	***
30	–	–	–				**	***	***

■ Slim footshell available (15 ± 5 mm heel height)

■ Both footshells available

■ Normal footshell available (10 ± 5 mm heel height)

\* This stiffness category is not available for the 1C58.

\*\* Do not combine this 1C50, 1C53 and 1C58 configuration with a 3C88-3/3C98-3 C-Leg 4.

\*\*\* Do not combine this 1C50, 1C51, 1C52, 1C53, 1C58 with a 3C88-3/3C98-3 C-Leg 4.

### Order example for 1C50, 1C51, 1C52, 1C53, 1C58

1C5\*=R26-4-P/4N

Quantity	Article no.	Side	Size	Stiffness	P	Colour	Shape
	1C50	= R	26	4	P	4	N
	1C51	=			P		
	1C52	=			P		
	1C53	=			P		
	1C58	=			P		

Side	Size [cm]	Stiffness	Colour	Shape
R right	22, 23, ..., 30	1, 2, ..., 9	4 Beige	S Slim 22 – 25 cm
L left			15 Light brown	N Normal 24 – 30 cm

### Scope of delivery



#### 1C50 Taleo / 1C53 Taleo LP / 1C58 Taleo SF

The scope of delivery includes the respective foot module 1C50, 1C53 or 1C58, the 2C15 footshell including the connection cover, the 2F50 heel wedge set (comprising three different degrees of hardness) and a black Spectra sock.



#### 1C51 Taleo Vertical Shock / 1C52 Taleo Harmony

The scope of delivery includes the respective foot module 1C51 or 1C52, the 2C15 footshell including the connection cover, the 2F50 heel wedge set (comprising three different degrees of hardness), a functional ring set for replacement, a pre-compression kit and a black Spectra sock. The scope of delivery of the 1C52 also includes the 2R117=0 socket connector.



# Order information

## 1C56

### Selection of the spring stiffness depending on

1 body weight and activity as well as

2 foot size

Body weight (kg)	Low activity level	Normal activity level
Up to 51	1	2
52 – 58	2	3
59 – 67	3	4
68 – 77	4	5
78 – 88	5	6
89 – 100	6	7
101 – 115	7	-

Stiffness / Foot size (cm)	Stiffness						
	1	2	3	4	5	6	7
22	no restrictions					-	-
23						-	-
24						-	-
25						-	-
26						-	-
27	-	-					
28	-	-					

### Order example for 1C56 with 2C8\* footshell

1C56=R26-4-P/4

Quantity	Article no.	=	Side	Size	-	Stiffness	-	P	/	Colour
	1C56	=	R	26	-	4	-	P	/	4
			↑	↑			↑			
			<b>Side</b>	<b>Size [cm]</b>			<b>Stiffness</b>	<b>Colour</b>		
			R right	22, 23, ..., 28			1, 2, ..., 7	4 Beige		
			L left					15 Light brown		



### Order example for 1C56 with 2C15\* low cut footshell

1C56=R26-4-P/4N-L

Quantity	Article no.	=	Side	Size	-	Stiffness	-	P	/	Colour	Shape
	1C56	=	R	26	-	4	-	P	/	4	N
			↑	↑			↑			↑	↑
			<b>Side</b>	<b>Size [cm]</b>			<b>Stiffness</b>			<b>Colour</b>	<b>Shape</b>
			R right	22, 23, ..., 26			1, 2, ..., 7			4 Beige	N-L Normal low cut 24 – 26 cm
			L left							15 Light brown	S-L Slim low cut 22 – 23 cm



### Scope of delivery



#### 1C56 Taleo Adjust

The scope of delivery includes the foot module 1C56, the 2C8 footshell including the connection cover or the 2C15 low cut footshell, the 2F50 heel wedge set (comprising three different degrees of hardness) and a black Spectra sock.

# Order information

## 1C59

### Selection of the spring stiffness relative to

1 body weight and activity as well as

2 foot size

Body weight (kg)	Normal activity level	High activity level
Up to 51	1	2
52 – 58	2	3
59 – 67	3	4
68 – 77	4	5
78 – 88	5	6
89 – 100	6	7
101 – 115	7	8
116 – 130	8	8

Stiffness	Foot size (cm)							
	1	2	3	4	5	6	7	8
22						-	-	-
23							-	-
24							-	-
25						no restrictions		
26						no restrictions		
27	-	-				no restrictions		
28	-	-				no restrictions		
29	-	-	-			no restrictions		
30	-	-	-			no restrictions		

### Order example for 1C59

1C59=R-26-4-P/4N

Quantity	Article no.	Side	-	Size	-	Stiffness	-	P /	Colour	Shape	
	1C59	=	R	-	26	-	4	-	P /	4	N

↑	↑	↑
<b>Side</b>	<b>Size [cm]</b>	<b>Colour</b>
R right	22, 23, ..., 30	4 Beige
L left		15 Light brown

### Scope of delivery



#### 1C56 Taleo Adapt

The scope of delivery includes the 1C59 foot module, 2C8 footshell including connection cover, 2F50 heel wedge set (comprising three different degrees of hardness) and a black Spectra sock.



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# Technical data.



**Taleo  
1C50**



**Taleo Vertical Shock  
1C51**



**Taleo Harmony  
1C52**

<b>Mobility grade</b>	3, 4		
<b>Max. body weight</b>	150 kg		
<b>Side</b>			
<b>Sizes</b>	22 – 30 cm	22 – 30 cm	22 – 30 cm
<b>Weight without footshell*</b>	450 g	751 g	751 g
<b>Footshell shape</b>	Slim shape (S) with 15 +/- 5 mm heel height (size 22 – 25 cm) Normal shape (N) with 10 +/- 5 mm heel height (size 24 – 30 cm)		
<b>Footshell colour</b>			
<b>Weight*</b>	690 g (with normal footshell)	980 g (with normal footshell)	980 g (with normal footshell)
<b>Build height*</b>	150 mm (with normal footshell)	185 mm (with normal footshell)	185 mm (with normal footshell)
<b>Other features</b>	+/- 10° torsion movement, up to 15 mm vertical shock absorption		Vacuum, +/- 10° torsion movement, up to 15 mm vertical shock absorption

\* Reference size is 26 cm.



**Taleo Low Profile  
1C53**

**Taleo Adjust  
1C56**

**Taleo Side Flex  
1C58**

**Taleo Adapt  
1C59**

	2, 3		3, 4
	115 kg		130 kg
left (L), right (R)			
22 – 30 cm	22 – 28 cm	22 – 30 cm	22 – 30 cm
355 g	680 g	602 g	622 g
	normal, normal low cut, slim low cut	see Taleo 1C50	normal
beige (4), light brown (15)			
584 g (with normal footshell)	930 g (with normal footshell)	826 g	899 g
65 mm (with normal footshell)	118 mm (with normal footshell)	97 mm	134 mm
	easy, infinitely variable heel height adjustment from 0 up to 7 cm	20° mediolateral adaptability (10° medial and 10° lateral)	Hydraulic ankle (2° DF and 10° PF)

# The right components\*\* for individual prosthesis solutions

## 6Y95 **Caleo 3D Liner**

- Designed to protect the bony structures thanks to the reinforced material (6 mm) in the front area
- Flexibility in the knee area is maintained by using thinner material (3 mm) in the posterior area
- Thermoformable: liner can be adapted in the oven to the user's residual limb shape

## 453A30 **ProFlex Plus**

- Pre-flexion of 15° for easy knee flexion and reduction of folds at the back of the knee
- Proximal end is barely felt thanks to flat seam



1C56 **Taleo Adjust**



1C58 **Taleo Side Flex**



1C59 **Taleo Adapt**



1C51 **Taleo Vertical Shock**



1C52 **Taleo Harmony**



1C53 **Taleo Low Profile**

\*\* All components are sold separately and are available as Ottobock products that are compatible with the Taleo product family feet which helps ensure optimal performance. O&P professionals need to select components based upon individual patient criteria.



1C50 **Taleo**

**21Y14 PushValve**

- Threadless valve for transfemoral prosthesis
- Easy handling for the user
- Water and corrosion resistant

**4R11\* Quickchange**

- Allows users to 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.
- A fitting with various feet or knee-foot combinations is possible
- Water and corrosion resistant

**4R57=WR / 4R57=WR-ST**

**Waterresistant rotation adapter**

- Allows users the flexed lower leg to be rotated against the socket – for more freedom of movement and a relaxed sitting position, allows movement that is gentle on the back, e.g. when putting on shoes
- Water and corrosion resistant

**3C88-3 / 3C98-3 C-Leg 4**

- Harmonious gait pattern and more freedom of movement
- Proven performance and reliability in everyday activities
- Two customised MyModes Plus from a fantastic selection of movement patterns
- Peace of mind if product is occasionally exposed to fresh water (IP 68, not corrosion-resistant)
- Two colour options and a customisable shield insert

**3B5-4 Genium X4**

- OPG 3.0 for an exceptionally smooth walking experience
- Real-time support in challenging everyday movements
- Extensive customisability with a range of cover options and adjustable MyModes
- Waterproof and corrosion-resistant design (IP68)

**2C15 Footshell**

**3F1=2 + 99B120=\* Functional cosmesis**

- Natural look and function combined in one solution
- High degree of prefabrication
- Highly durable
- Solution adapted to prosthesis functionality

