

Taleo product family

Ready for everyday life.

Quality for life



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 utilize 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, *1C58 Taleo Side Flex



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

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 product family

The prosthetic feet of the Taleo product 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.



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.

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.





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.

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

Martin

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.



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 rollover, 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



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

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



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.

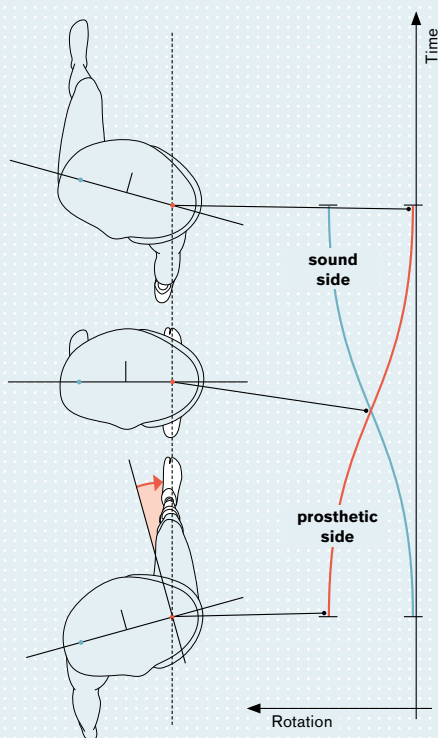
1C51

Taleo Vertical Shock

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



Natural pelvis rotation during walking



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.

- 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.^{1,2}
- 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.³
- 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 AD et al. (2009): Transtibial 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.



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.⁴

- 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.^{5, 6}
- 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 considerably reduce shear forces occurring on the residual limb and the resulting skin irritation.^{1, 2}
- 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.³
- 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

“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

[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 trans-tibial 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



“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

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.

1C58

Taleo Side Flex

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

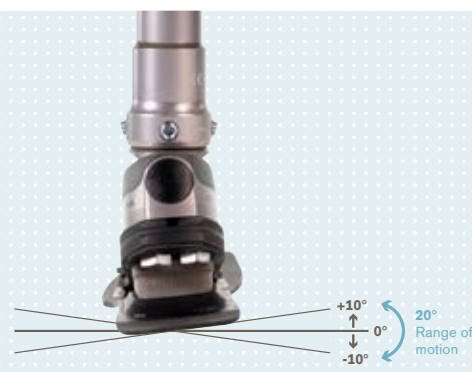


The Taleo Side Flex sets a new standard for mediolateral flexibility. Compared with conventional prosthetic feet, its Terrain Adaptation Unit (TAU) lets it adapt to slopes right after heel strike to an exceptional degree.

- 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.^{7, 8}
- 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)



Benefits for users

- ▶ Secure full-surface ground contact while walking and standing^{7, 8}
- ▶ Reduced sideward tilting moments in the prosthetic socket or knee⁸
- ▶ Fewer compensating movements⁸
- ▶ Improved comfort and enhanced feeling of safety⁸

Technical data

	1C50 Taleo	1C51 Taleo Vertical Shock	1C52 Taleo Harmony	1C53 Taleo Low Profile	1C58 Taleo Side Flex
Mobility grade	3, 4				
Max. body weight	150 kg				130 kg
Side	left (L), right (R)				
Sizes	22–30 cm				
Weight without footshell*	450 g	751 g	751 g	355 g	602 g
Footshell shape	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)				
Footshell colour	beige (4), light brown (15)				
Weight*	690 g (with normal footshell)	980 g (with normal footshell)	980 g (with normal footshell)	584 g (with normal footshell)	826 g
Build height*	150 mm (with normal footshell)	185 mm (with normal footshell)	185 mm (with normal footshell)	65 mm (with normal footshell)	97 mm
Other features	+/- 10° torsion movement, up to 15 mm vertical shock absorption		Vacuum, +/- 10° torsion movement, up to 15 mm vertical shock absorption		20° mediolateral adaptability (10° medial and 10° lateral)

* Reference size is 26 cm.



Order information

Selection of the spring stiffness depending on

① body weight and activity as well as

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*	–

② foot size

Foot size \ Stiffness	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 the Taleo product family

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.

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 (3mm) 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



1C58 Taleo Side Flex



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

6Y110 Skeo Sealing Liner

- Stable sealing ring (sealing ring heights from 10 cm or 17 cm) ensures a secure and reliable prosthetic connection
- Smooth outer coating makes it easy to don and doff; the texture on the inside ensures that the liner adheres well to the residual limb without sticking

21Y21 Click Valve

- An audible click indicates proper valve placement
- Multi-option safety shackle avoids losing the outer valve part

4R57=WR / 4R57=WR-ST Waterresistant Torision 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

3B1* Genium

- OPG 2.0 for an even smoother gait, supporting functions and safety in everyday use
- MyModes plus offer vast range of options for individual movement patterns
- Weatherproof (IP 67)

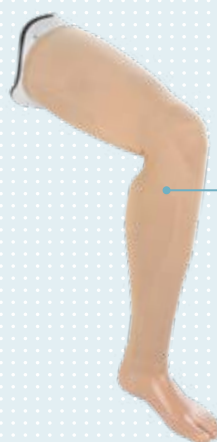


3C88-3 / 3C98-3 C-Leg 4

- Harmonious gait pattern and secured movements
- Two customized MyModes
- Weatherproof (IP 67)

4R10=111 Quickchange

- Allows users to take off and on their prosthetic foot on their own and at any time – for relaxed sitting in a confined space e.g. in the plane, facilitates dressing and undressing of trousers, feet with different functionalities can be used
- Water and corrosion resistant



3F1=2 + 99B120=* Functional cosmesis

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

