

PROSTHETICS PRODUCT CATALOGUE



EXPLORE NEW LIFE
TEHLIN

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TEH LIN Product Catalogue

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COMPANY INTRODUCTION



60⁺ YEARS

50⁺ COUNTRIES

100⁺ BRANCHES

1000⁺ EXPERTS SERVING



TEH LIN was founded in 1960 by Mr. Kuen-Lin Chen, who himself suffered from a car accident resulting in amputation. He understood the need for high quality prosthesis, so he and his five sons dedicated their whole life in researching and developing them.

We insist to provide personalized service to our customers, from fitting to training every step of the way in order to minimize restraint and help them to embrace life again.

With headquartered in Taipei, Taiwan, Teh Lin Pros. & Ortho. Inc. is transforming from a simple manufacturer into a total solution provider and consultant. We have 6 branches in Taiwan and over 100 branches in China including Hong Kong. It is an advantage to distribute prosthesis and orthotics products across the greater China zone. Beyond that, our own brand "Teh Lin Pros. & Ortho." products are sold around the world in over 50 countries.

Our 1,400 employees around the world work together with the ancient Chinese philosophy: "Honour the aged of other family as we honour our own." In this regard we treat all our customers as our family and together we create an atmosphere of humanity and generosity beyond pure business.

MOBILITY CLASSES 1 TO 4



K1 Lower extremity prosthesis functional Level 1

Has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence. Typical of the limited and unlimited household ambulatory



K2 Lower extremity prosthesis functional Level 2

Has the ability or potential for ambulation with the ability to traverse low level environmental barriers such as curbs, stairs, or uneven surfaces. Typical of the limited community ambulator



K3 Lower extremity prosthesis functional Level 3

Has the ability or potential for ambulation with variable cadence. Typical of the community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilization beyond simple locomotion



K4 Lower extremity prosthesis functional Level 4

Has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress, or energy levels. Typical of the prosthetic demands of the child, active adult, or athlete

TYPES OF JOINT



Mechanical joint



Pneumatic joint



Hydraulic joint



Microprocessor-controlled joint

MICROPROCESSOR CONTROLLED KNEE

As smart technology becomes integral to prosthetic design, prosthetics operate like intelligent mobile devices, offering a smarter and more imaginative user experience!



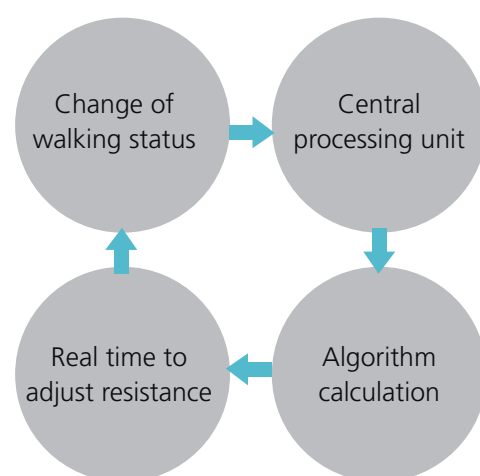
Microprocessor Knee (MPK) Series

Innovative smart sensor technology continuously adapts to user needs and gait variations, providing users with more freedom and choices, allowing them to fully enjoy a smart and mobile lifestyle.



Detect at any time : For even more everyday flexibility

By intelligently sensing changes in walking speed and gait automatically, V One MPK dynamically adapts pneumatic control in real time for a smooth, natural and energy efficient swing.



Smart sensor technology

Incomparably close to nature : Unique 4-bar linkage MPK

The ICR trajectory mimics a normal gait pattern. The trajectory of the instance center of rotation (ICR) of the knee ensures stance phase stability, and sufficient toe clearance during swing reducing risk of trips and falls.

Simple control on the go : One-Step Programming

With its simple to follow automated smart programming, simply connect via Bluetooth and program in just a few walking steps.

Safety and Protection

If the knee is out of battery it will return to a secure lower resistance setting and function as a normal polycentric knee.

Even Longer Battery Life

The battery life is now even longer with up to two days usage between charges and a low power mode.



A-TK-4PSOIC-B01



A-TGK-4PSOIC-A01



A-TGK-4PSOIC-C01



Smart sensor technology



Polycentric design



Improved ground clearance



Safety and Protection



One-Step Programming :
NEXT Programming APP



A-TK-4PSOIC-B01 / A-TGK-4PSOIC-A01 / C01

V One & V One Net MICROPROCESSOR-CONTROLLED KNEE

Technical data

Item	A-TK-4PSOIC-B01	A-TGK-4PSOIC-A01	A-TGK-4PSOIC-C01
Material	Aluminum alloy(mainly), Stainless steel	Carbon, Titanium alloy, Aluminum alloy	
System height	215mm	215mm	228mm
System weight	1230±10g	1070 ±10g	1128 ±10g
Maximum flexion angle	142°		
Maximum body weight	125 kg		
Wireless module	Bluetooth v5.0		
Activity level			



ADLIB2

Microprocessor Knee (MPK) Series

ADILB MPK has an optimal combination of stability and safety can to help amputees walk with a much more stable and efficient gait that more closely resembles a natural walking pattern.

Safety and intelligence : Auto adaptive real-time

A new sensor can detect the walking speed and gait automatically and adjusts the resistance to give appropriate feedback to meet the user's gait needs.

One-Step Programming : NEXT Programming APP

With its simple to follow automated smart programming, simply connect via Bluetooth and program in just a few walking steps.

Change Prosthesis Settings Yourself

If the user has a specific activity and would like more or less freedom of motion the resistance settings can be easily changed by the user to meet their requirements.

Heightened Stability at Heel Strike

During Stance Flexion loading, 5-Bar Knee Design shifts the Instant Center of Rotation (ICR) further posterior, maximizing geometric stability from heel strike to mid-stance.

Shock absorption : Stance Flexion

The resistance control of the knee joint combined with five-bar mechanical design provides 0~15° stance flexion function. This function provides more joint stability and shock absorption during the loading response of gait.



A-TGK-5PSOIC-A02 A-TGK-5PSOIC-A12 A-TGK-5PSOIC-C02



Smart sensor technology



Polycentric design



Improved ground clearance



Shock absorption : Stance Flexion



Safety and Protection



One-Step Programming : NExT Programming APP



A-TGK-5PSOIC-A02 / A12 / C02

ADLIB 2 MICROPROCESSOR-CONTROLLED KNEE

Technical data

	A-TGK-5PSOIC-A02	A-TGK-5PSOIC-B02	A-TGK-5PSOIC-C02	A-TGK-5PSOIC-A12
Material	Carbon, Titanium alloy, Aluminum alloy			
System height	224mm	224mm	238mm	237mm
System weight	1174 ±10g	1190 ±10g	1268 ±10g	1189 ±10g
Maximum flexion angle	138°			
Maximum body weight	125 kg			
Wireless module	Bluetooth Class II			
Activity level				



EASY ADJUSTMENTS, QUICK ADAPTABILITY

The NExT application serves as the control center for the TEHLIN MPK series, allowing users or clinical professionals to intuitively and easily adjust the TEHLIN MPK series through the NExT app, meeting the changing demands of daily activities.



USER FRIENDLY INTERFACE

Smart Mode

One-Click Setup

A simple and understandable automated smart programming allows professionals to complete setups with fewer steps, effortlessly adapting to user capabilities. Advanced fine-tuning is also available to meet individual user needs

Customizable Modes

Adjust settings on the fly for various activities.

As users become increasingly familiar with the smart knee joint, they can choose custom modes for adjustment, allowing them to select resistance based on their preferences and easily modify joint settings.

Predefined Scenarios

Easily adjustable – it's up to you!

Six common daily scenarios are pre-set: cycling, prolonged standing, fishing, etc., easily meeting the demands of various situations. When activating a predefined scenario, it will automatically enter the default state, satisfying your immediate daily needs without the need for repetitive operations and settings.



Preference Settings

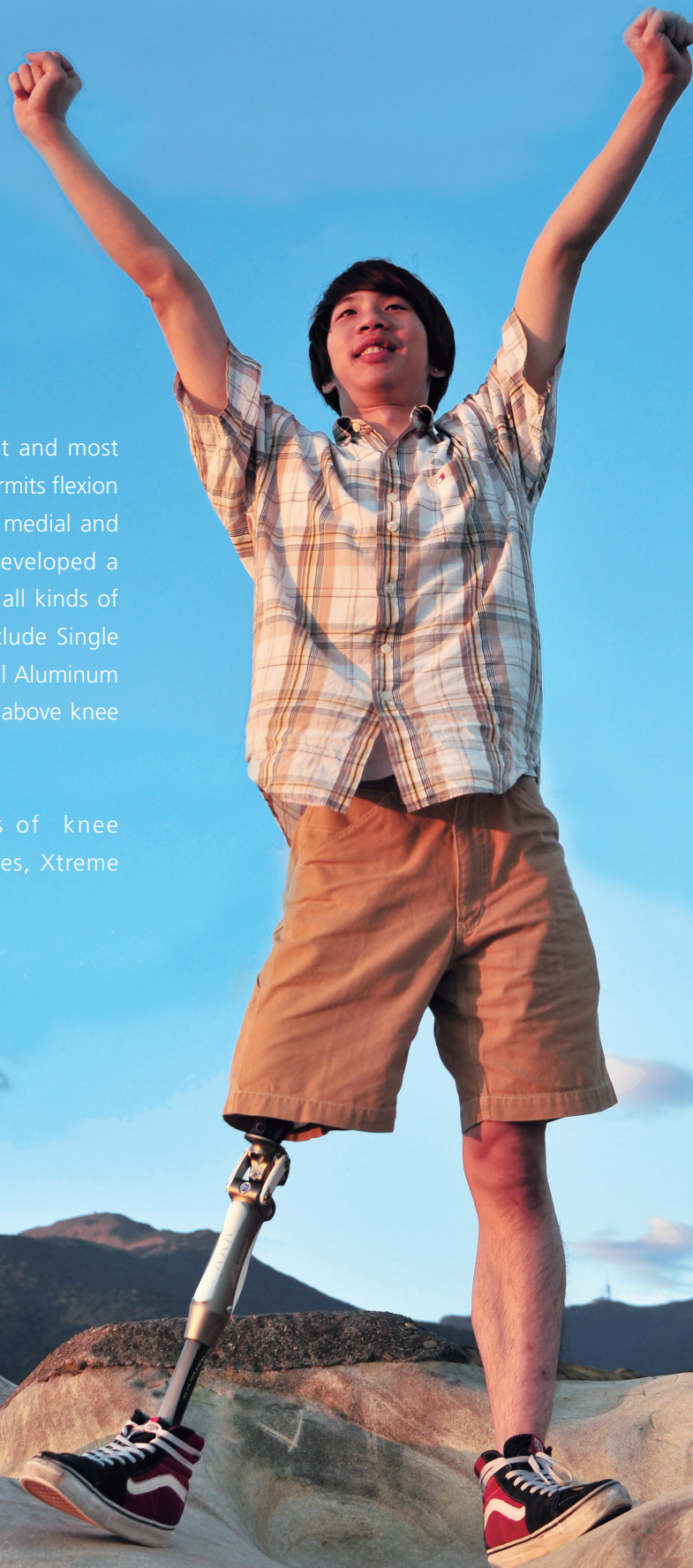
My Favorites

Customize your favorites settings in the application based on your daily lifestyle and personal preferences. Add modes and adjust parameters at any time to achieve a unique personalized experience.

12 MODULAR KNEE JOINT

The Knee is one of the biggest and most complex joints of our body. It permits flexion and extension as well as slight medial and lateral rotation. Teh Lin has developed a whole series of products to fit all kinds of needs from different users. Include Single Axis to Multi Axes, with material Aluminum Alloy to Carbon Fiber, for both above knee or disarticulated knee users. .

Now there are three series of knee products: Teh Lin Classic Series, Xtreme Series and Rayome Series.



Teh Lin Classic Series

Over the past 50 years, Teh Lin was dedicated to developing most suitable products for amputees. Quality withstand the test of time with compact and elegant design such as our popular TKG-4P00. We keep pace of the time, Teh Lin Classic Series has evolved into more advanced Phoenix collection, a 4 bars prosthetic knee allows user to experience a life style without limits. The Phoenix is comfortable for maximum weight of 125kg whilst still maintaining a beautiful aesthetic.

Xtreme®

Xtreme Series

The XC60 Hydraulic Knee is the first Extreme series product from Teh Lin, with light weight aerospace metal materials adopted in the structure of XC60. Fashionable style and bionic geometry with four-bars mechanical construction emulates the motion trajectory of authentic knee. Users could have a nearly natural gait with XC60, which is suitable for activities in mobility scale K2-K3. Xtreme motion brings you Xtreme enjoyment!

RayoMe

Rayome Series

The meaning of the spanish word Rayo is rays of light. We hope users of RayoMe series have the light of life and a lot of confidence. The RP1 pneumatic knee is the first RayoMe series product. The color orange represents power and energy, and the color black represents a unique personality. In addition, RP1 design contains the image of a motorcycle which conveys a sense of power with very sleek lines. We believe streamlined shape and beautiful color scheme will provide our users a confident attitude for life!

4-BAR
MODULAR KNEE JOINT

 C-XTR-X60
X60 HYDRAULIC, POLYCENTRIC KNEE

- 1 High efficiency hydraulic cylinder system
- 2 Special 4-bar mechanical design with adjustable initial ICR
- 3 The resistances of flexion and extension are adjusted independently

Technical data

Material	Aluminum alloy, Titanium alloy
System height	273 mm
System weight	1060 g
Maximum flexion angle	138°
Maximum body weight	125 kg
Color	Apple Green , Wine Red , Pearl White
Activity level	

C-XTR-X60(G,R,W)-DE : A whole set includes Xtreme X60 4 Bar Hydraulic Knee Joint, one Tube , one Adapter and one Tool.



Double screws design
It can prevent the loosening of the tube.



Colorful cover
The anterior and posterior cover can protect the internal structure of X60, and prevent the entry of dust.



Flexion/Extension separately adjustable
The adjustable design of the hydraulic cylinder can be fine-tuned for the knee flexion and extension velocity independently to establish more natural and stable gait.



Best sealed bearing
High strength and precision stainless bearing can increase the stability and the durability of the product.



Adjustable initial ICR
The bumper adjustable screw is for adjust user's individual gait requirements.



reddot design award
winner 2012

RayoMe
RPI
4 Bar Pneumatic Knee



 C-RAY-RP1
RAYOME 4 BAR PNEUMATIC KNEE

- 1 High efficiency pneumatic cylinder system
- 2 Ultra-light construction
- 3 The resistances of flexion and extension are adjusted independently

Technical data

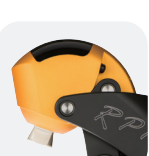
Material	Aluminum alloy, Titanium alloy
System height	227 mm
System weight	1146 g
Maximum flexion angle	159°
Maximum body weight	125 kg
Activity level	



Double screws design
It can prevent the loosening of the tube.



Flexion/Extension separately adjustable
The adjustable design of the pneumatic cylinder can be fine-tuned for the knee flexion and extension velocity independently to establish more natural and stable gait.



High knee flexion angle 159°
Prosthesis wearers would be comfort when kneeling, sitting and donning.



Eye-catching, robust and stream-line design
Industrial designs activate the soul of prosthesis. There are streamlined shapes, beautiful color schemes and appropriate structures.



GOOD DESIGN
reddot design award
winner 2013



Pumping tool
Optional accessory. It can pump the air into the cylinder to keep the stability of the knee.



C-RAY-RH1
RAYOME 4 BAR HYDRAULIC KNEE

RH1 is a polycentric, hydraulic knee joint designed for K2–K3 level users, providing stability, control, and smooth walking dynamics.

- 1 Used high strength alloy material
- 2 Polycentric 4-bar knee
- 3 High efficiency hydraulic cylinder system
- 4 Separate flexion and extension resistance adjustment design
- 5 Proximal attachment has 5mm of A/P slide adjustment
- 6 Light weight design

Technical data	
Material	Aluminum alloy, Stainless steel
System height	170 mm
System weight	838 g
Maximum flexion angle	140°
Maximum body weight	100 kg
Mobility class	



C-TK-4P02
Secure Stride GP

A polycentric pneumatic knee joint featuring an adjustable geometric locking system, offering natural gait, safe stance. Its efficient air compression system reduces energy use and enhances daily mobility.

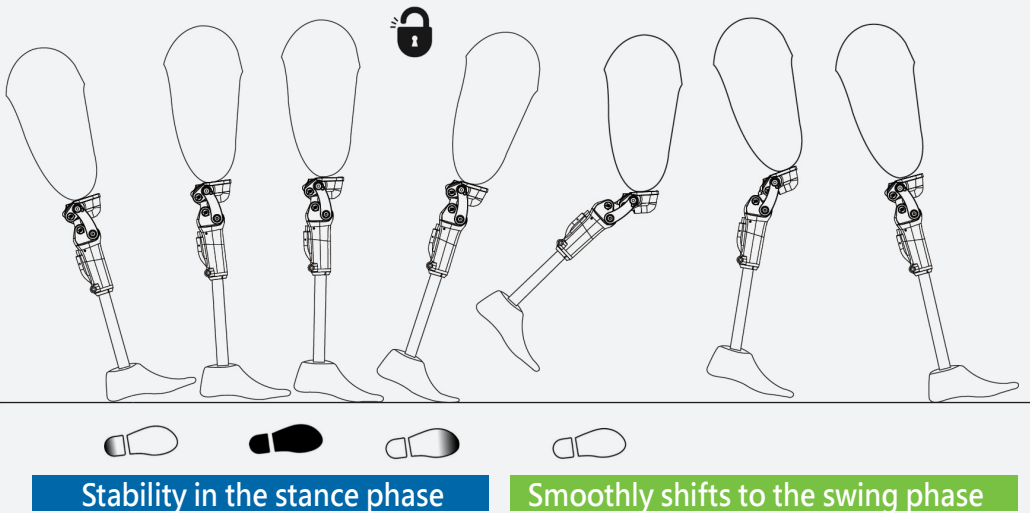
- 1 Polycentric Pneumatic knee with adjustable geometric locking system.
- 2 Walk naturally and stand safely.
- 3 Separate extension / flexion pneumatic dampening adjustments.
- 4 Efficient use of air compression lowers energy use.
- 5 Natural toe-clearance in swing supports a safer, more efficient gait.
- 6 Trusted durability, low maintenance , cost effective.

Technical data	
Material	Aluminum alloy, Stainless steel
System height	205 mm
System weight	950 g
Maximum flexion angle	142°
Maximum body weight	100 kg
Mobility class	



RH1
Move elegant. Step Light.

Reclaim your rhythm and make every step light and elegant with RH1.



Phoenix



A-TGK-4P00AW

PHOENIX GRAPH-LITE 4 BAR PNEUMATIC KNEE

- 1 Pneumatic swing phase control
- 2 Ultra-light graphite construction
- 3 Classic and fashion

Technical data

Material	Carbon fiber
System height	260 mm
System weight	933 g
Maximum flexion angle	135°
Maximum body weight	125 kg
Activity level	



A-TGK-4000

GRAPH-LITE 4 BAR KNEE

- 1 Ultra-light graphite construction
- 2 Classic and simplicity
- 3 Adjustable extension assist for swing phase control
- 4 Smoothness of action

Technical data

Material	Carbon fiber
System height	180 mm
System weight	655 g
Maximum flexion angle	135°
Maximum body weight	100 kg
Activity level	



A-TGK-4001

GRAPH-LITE 4 BAR KNEE WITH MANUAL LOCK

- 1 Ultra-light graphite construction
- 2 Adaptable with or without lock
- 3 Positive locking mechanism
- 4 Adjustable extension assist for swing phase control
- 5 Smoothness of action

Technical data

Material	Carbon fiber
System height	180 mm
System weight	710 g
Maximum flexion angle	110°
Maximum body weight	100 kg
Activity level	



A-TGK-4002

GRAPH-LITE 4 BAR KNEE WITH 30° MANUAL LOCK

- 1 30° freedom of flexion while knee unit locks
- 2 Adaptable with or without lock
- 3 Adjustable extension assist for swing phase control
- 4 Excellent stability and security

Technical data

Material	Carbon fiber
System height	180 mm
System weight	680 g
Maximum flexion angle	110°
Maximum body weight	100 kg
Activity level	





A-TGK-4P10

GRAPH-LITE 4 BAR PNEUMATIC KNEE-DISARTICULATION

- 1 Pneumatic swing phase control
- 2 Ultra-light graphite construction
- 3 Classic and simplicity
- 4 Durability and stability

Technical data

Material	Carbon fiber
System height	265 mm
System weight	1078 g
Maximum flexion angle	138°
Maximum body weight	100 kg
Activity level	



C-TK-4P00S

HY-STAN 4 BAR PNEUMATIC KNEE

- 1 Pneumatic swing phase control
- 2 Durability and stability
- 3 Smoothness of action

Technical data

Material	Aluminum alloy
System height	258 mm
System weight	1150 g
Maximum flexion angle	140°
Maximum body weight	125 kg
Activity level	



C-TK-4000S

HY-STAN 4 BAR KNEE

- 1 Use high strength alloy material
- 2 Adjustable extension assist for swing phase control
- 3 Adjusting knee axis friction
- 4 Low build height
- 5 Smoothness of action

Technical data

Material	Aluminum alloy
System height	180 mm
System weight	860 g
Maximum flexion angle	135°
Maximum body weight	125 kg
Activity level	



C-TK-4001S

HY-STAN 4 BAR KNEE WITH MANUAL LOCK

- 1 Adaptable with or without lock
- 2 Excellent stability and security
- 3 Positive locking mechanism
- 4 Adjustable extension assist for swing phase control

Technical data

Material	Aluminum alloy
System height	180 mm
System weight	898 g
Maximum flexion angle	120°
Maximum body weight	125 kg
Activity level	





C-TK-4002

HY-STAN 4 BAR KNEE WITH 30° MANUAL LOCK

- 1 30° freedom of flexion while knee unit locks
- 2 Adaptable with or without lock
- 3 Adjustable extension assist for swing phase control
- 4 Excellent stability and security

Technical data

Material	Aluminum alloy
System height	180 mm
System weight	898 g
Maximum flexion angle	110°
Maximum body weight	125 kg
Activity level	



C-TK-4003

SECURE STRIDE G

The device is a four-bar polycentric mechanical knee joint with a geometric locking system which offers a high degree of safety during stance phase and the swing phase can be controlled by integrated extension assist spring and knee axis friction.

- 1 Polycentric knee with adjustable geometric locking system.
- 2 Walk naturally and stand safely.
- 3 Rates of flexion and extension can be adapted to the user.
- 4 Natural toe-clearance in swing supports a safer, more efficient gait.
- 5 High knee flexion angle up to 165°.
- 6 Low build height, lightweight, trusted durability, low maintenance.
- 7 Lightweight, trusted durability, low maintenance.

Technical data

Material	Aluminum alloy, Stainless steel
System height	160 mm
System weight	750 g
Maximum flexion angle	165°
Maximum body weight	100 kg
Mobility class	



C-TK-4004

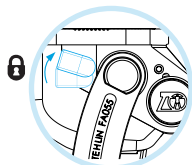
SECURE STRIDE M

This is a four-bar polycentric mechanical knee device. It has a mobility locking system that can prevent the knee from buckling. The user can choose to activate or deactivate the locking system depending on their need for stability.

- 1 Polycentric knee with adjustable mobility locking system.
- 2 Provides secure safety when standing for rehabilitation, training, long periods of time, or uneven ground.
- 3 The user can easily activate / deactivate the lock by moving a lock lever down / up..
- 4 Rates of flexion and extension can be adapted to the user.
- 5 Natural toe-clearance in swing supports a safer, more efficient gait.
- 6 High knee flexion angle up to 155°.

Technical data

Material	Aluminum alloy, Stainless steel
System height	160 mm
System weight	850 g
Maximum flexion angle	155°
Maximum body weight	125 kg
Mobility class	



As needed, the user can easily switch between free mode and secure mode.



C-TK-4010

HY-STAN 4 BAR KNEE - DISARTICULATION

- 1 Classic and simplicity
- 2 Adjustable extension assist for swing phase control
- 3 Smoothness of action

Technical data

Material	Aluminum alloy
System height	210 mm
System weight	910 g
Maximum flexion angle	140°
Maximum body weight	100 kg
Activity level	



5-BAR MODULAR KNEE JOINT

BGS Introduction

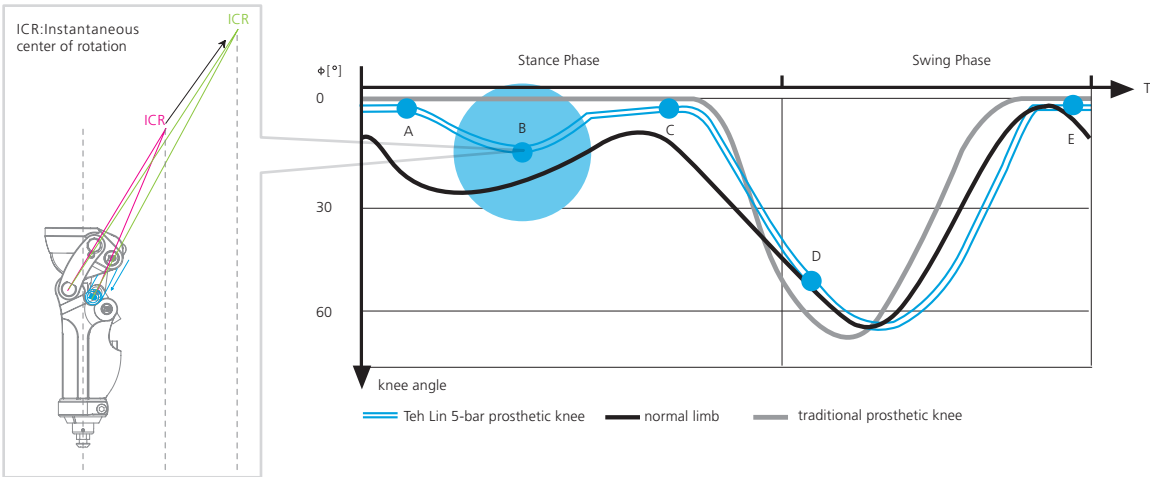
Under a normal gait conditions, the knee will flex during initial contact. However amputees that use the traditional prosthesis cannot easing achieve this movement. Bionic Gait Simulation (BGS) can produce this function that provides a better control and shock absorption angle (max until 15°). The flexion angle at stance phase can be adjusted to the user's demand to maximize stabilization and reduce the pressure on the residual limb, hip joint & spine. Therefore, the user will feel more comfortable when walking with this knee and enjoy a more natural gait.

Basic Function Principle

The instantaneous center of rotation (ICR) lies on the intersection of the lines of anterior bars and posterior bars. According to research, the position of ICR at initial contact plays a major role in stability. For the reason, our BGS is designed ,based upon the available data, in order to enhance the stability of a walk.

The multi-axes consists of 5 axes, which are interconnected and therefore form a coherent rotational movement. During initial contact, the proximal part of the joint will rotate posteriorly around the posterior bars; the ICR will also alter its position.

Consequently, at initial contact, the greater the flexion angle (between 0°-15°) becomes, the more posterior the ICR will be and subsequently, the more stable the knee joint will be. Also, the reaction force generated at the end extension will be reduced.



A-TGK-5PSOH

GRAPH-LITE 5 BAR PNEUMATIC KNEE HIGH ACTIVITY

- 1 Pneumatic swing phase control
- 2 Fully adjustable stance flexion function
- 3 Ultra-light graphite construction
- 4 Durability and stability

Technical data

Material	Carbon fiber, Titanium alloy
System height	235 mm
System weight	960 g
Maximum flexion angle	138°
Maximum body weight	125 kg
Activity level	



A-TGK-5PS10

GRAPH-LITE 5 BAR PNEUMATIC KNEE- DISARTICULATION

- 1 Pneumatic swing phase control
- 2 Fully adjustable stance flexion function
- 3 Ultra-light graphite construction
- 4 Durability and stability

Technical data

Material	Carbon fiber, Titanium alloy
System height	245 mm
System weight	980 g
Maximum flexion angle	135°
Maximum body weight	100 kg
Activity level	





A-TGK-5050
GRAPH-LITE 5 BAR KNEE

- 1 Adjustable extension assist for swing phase control
- 2 Fully adjustable stance flexion function
- 3 Ultra-light graphite construction
- 4 Durability and stability

Technical data

Material	Carbon fiber
System height	180 mm
System weight	760 g
Maximum flexion angle	155°
Maximum body weight	100 kg
Activity level	



As needed, the user can easily switch between free mode and secure mode.



C-TK-50S1
SECURE STRIDE SF

This is a five-bar polycentric mechanical knee joint with a mobility locking system offering comfort, natural gait, and shock absorption through adjustable stance flexion.

- 1 Polycentric knee with adjustable mobility locking system.
- 2 Under free mode, up to 10 degree of stance-flexion can be offered degrees during the walking cycle.
- 3 Under secure mode, stance-flexion will be converted to shock absorber, it can increase the comfort of the residual limb.
- 4 Rates of flexion and extension can be adapted to the user.
- 5 Low build height, useful for long trans-femoral limbs.
- 6 High knee flexion angle up to 150°.

Technical data

Material	Aluminum alloy, Stainless steel
System height	160 mm
System weight	897 g
Maximum flexion angle	150°
Maximum body weight	125 kg
Activity class	



C-TK-50S2
HY-STAN 5 BAR KNEE WITH MANUAL LOCK

- 1 Polycentric knee with adjustable manual locking system.
- 2 Under secure mode, stance-flexion will be converted to shock absorber, it can increase the comfort of the residual limb.
- 3 Rates of flexion and extension can be adapted to the user.
- 4 Adjustable extension assist for swing phase control.
- 5 Low build height, useful for long trans-femoral limbs.

Technical data

Material	Aluminum alloy, Stainless steel
System height	161 mm
System weight	897 g
Maximum body weight	125 kg
Activity class	



28

CHILDREN
PROSTHETICS

Our children are our greatest treasure. They are ready to discover the world. We hope every step of the children is safe and comfortable. Teh Lin's modular systems meet the special needs of children. All products have been designed to suit their specific anatomy and obtain an optimal gait.



C-TCH-01R

CHILD'S HY-STAN HIP JOINT

- 1 5 degrees adjustable lamination
- 2 Light-weight construction
- 3 Pre-bent lamination plate

Technical data	
Material	Aluminum alloy
System height	140 mm
System weight	278 g
Maximum flexion angle	115°
Maximum body weight	60 kg
Modular connector options	D-TLP-ACH , D-TLP-SCH
Activity level	



C-TK-1C1

HY-STAN SINGLE AXIS CHILD'S KNEE WITH
MANUAL LOCK

- 1 Optional lock
- 2 Quick & Easy adjustable mechanism
- 3 Light-weight alloy construction

Technical data	
Material	Aluminum alloy
System height	128 mm
System weight	310 g
Maximum flexion angle	130°
Maximum body weight	55kg
Diameter	Ø 22 mm
Activity level	





Optional accessory.



C-TK-40CR
HY-STAN CHILD'S 4 BAR KNEE

- 1 Smallness and light-weight
- 2 Adjustable extension assist for swing phase control
- 3 Designed for child's AK and knee-disarticulation amputee

Technical data	
Material	Aluminum alloy
System height	121 mm
System weight	370 g
Maximum flexion angle	155°
Maximum body weight	60 kg
Diameter	Ø 22 mm
Activity level	



Optional accessory.



C-TK-4P0CR
MINI 4 BAR CHILD'S PNEUMATIC KNEE

- 1 Pneumatic swing phase control
- 2 Adjustable to pinpoint accuracy
- 3 Smallness and light-weight
- 4 Adjustable extension assist for swing phase control
- 5 Designed for child's AK and knee-disarticulation amputee

Technical data	
Material	Aluminum alloy
System height	170 mm
System weight	530 g
Maximum flexion angle	155°
Maximum body weight	60 kg
Diameter	Ø 22 mm
Activity level	



D-TAC-00
CHILD'S ANKLE

Technical Data	
Material	Aluminum alloy
System weight	90 g
Maximum body weight	70 kg
Bolt	W5/16" x2" L
Modular connector options	F-TSF-01C (Size15 , 16)



D-TAC-0A
CHILD'S ANKLE

Technical Data	
Material	Aluminum alloy
System weight	110 g
Maximum body weight	70 kg
Bolt	W3/8" x3" L
Modular connector options	F-TSF-01C (Size17-21)



D-TBC-OP
HY-STAN CHILD'S BK ADAPTOR

An alloy adaptor used for ankle-knee connections which provides the rotational alignment.

Technical Data	
Material	Aluminum alloy
System weight	90 g
Maximum body weight	100 kg
Bolt	W7/16" x 1/2" L
Modular connector options	F-TSF-01C (Size17-21)



D-TKC-CAP
CHILD'S ANGLED CONNECTOR

An alloy connector which provides fixed angle at the knee-pylon adaptor specially designed for hip-disarticulation amputee.

Technical Data	
Material	Aluminum alloy
System weight	70 g
Maximum body weight	60 kg
Bolt	W7/16" x 1/2" L



F-TSF-01C , F-TSF-01CB
CHILD'S SACH FOOT WITH TOES

Technical Data	
Material	PU, Wood
Size	15,16,17,18,19,20,21 (cm)
System weight	135, 160, 180, 220, 245, 280, 315 (g)
Heel height with	10mm
Side	Left, Right
Maximum body weight	70 kg
Activity level	



D-TSC-KDCS-L
CHILD'S L-BRACKET, STEEL WITH EXTENSIONS

A stainless steel connector which provides the interface between the FRP socket and the adaptor of central-bolt pattern for the extremely active child's Knee-Disarticulation amputee.

Technical Data	
Material	Stainless steel
System weight	105 g



D-TWP-C2
CHILD'S AK WEDGE PLATE (PLASTIC)

Provides angle alignment at the socket-knee or the socket-pylon adaptor in the child's system.

Technical Data	
Material	Plastic
System weight	10 g



D-TLP-SCH/TLP-ACH
CHILD'S LAMINATION PLATE (STAINLESS STEEL/ALUMINIUM)

Application for Child's Hip Joint TCH-01

Technical Data	
Material	Stainless steel / Aluminum alloy
System weight	170 g / 70 g



D-TUPS-MP1
CHILD'S SOCKET ADAPTER & MALE PYRAMID W. 3/8" CENTRAL BOLT

Application for Child's Knee joint

Technical Data	
Material	Aluminum alloy & Stainless steel
body weight	60 kg
System weight	90 g



D-TTC-12 / TTC-15
CHILD'S TUBE

22mm diameter connection tube easy cut to fit required length

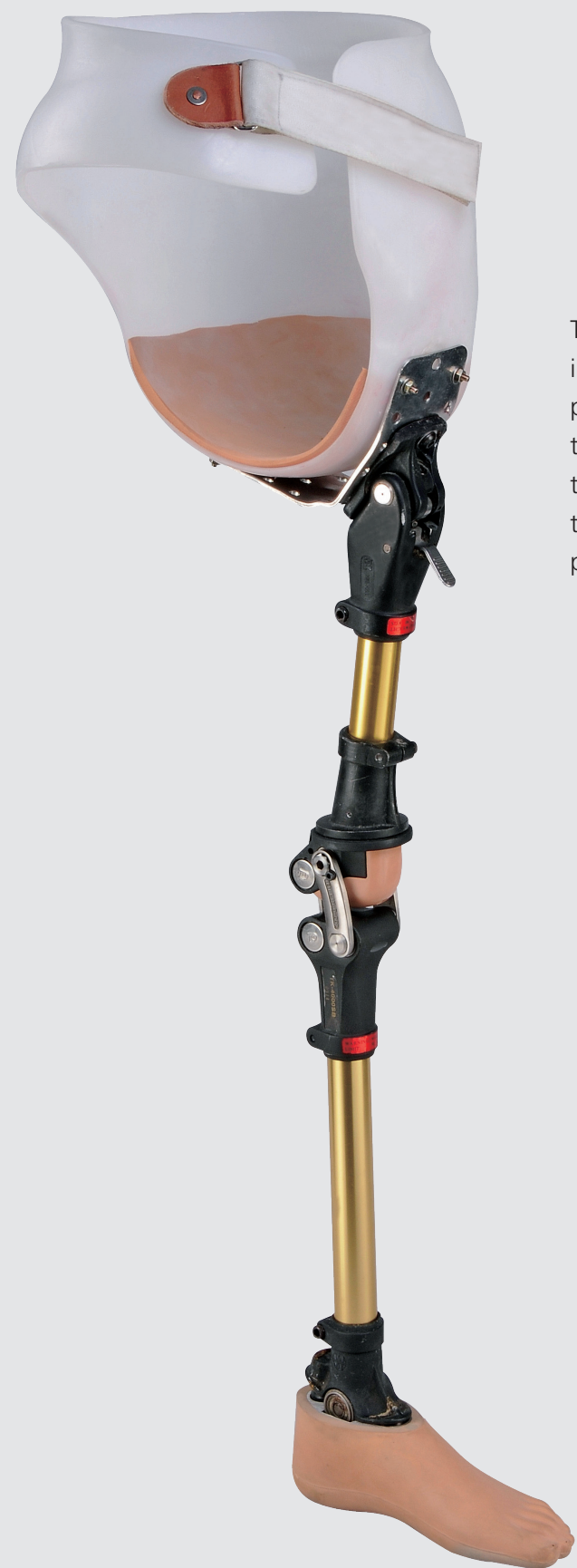
Technical Data	
Material	Aluminum alloy
Specification	12" (304.80mm) 15" (381mm)
System weight	110 g / 140 g
Diameter	Ø 22 mm
Color	Golden



D-TLCA-1C1
LOCKING HANDLE WITH CABLE FOR TK-1C1

A manual lock with adaptable switch. Compatible for single axis child's knee joint TK-1C1.

Technical Data	
Material	Stainless steel cable & Plastic



MODULAR HIP JOINT

The Hip Joint is one of the largest and most stable joint in human body. Although Hip Joint amputation is being performed rarer and rarer, it is still very important to provide the user a comfortable and multifunctional hip joint in order to carry them further. Teh Lin's unique design allows user to perform a transition from standing position to sitting position with a simple manual lock.



A-TGH-01

GRAPH-LITE HIP JOINT

- 1 Max. 6 degrees adjustable lamination
- 2 Spring loaded mechanism
- 3 Light-weight construction
- 4 Pre-bent lamination plate

Technical data

Material	Carbon fiber
System height	250 mm
System weight	600 g
Maximum flexion angle	115°
Maximum body weight	100 kg
Modular connector options	D-TLP-AAH , D-TLP-SAH
Activity level	



C-TH-01

HY-STAN HIP JOINT

- 1 Max. 6 degrees adjustable lamination
- 2 Spring loaded mechanism
- 3 Pre-bent lamination plate

Technical data

Material	Aluminum alloy
System height	220 mm
System weight	760 g
Maximum flexion angle	115°
Maximum body weight	100 kg
Modular connector options	D-TLP-AAH , D-TLP-SAH
Activity level	





MODULAR ANKLE JOINT

The ankle is the joint that connects our foot and leg. It accommodates multiple directions of movement including Plantarflexion and Dorsiflexion, Lateral & Medial deviation, Pronation & Supination. It is vital to keep maintain these functions for those who are in need of a natural gait pattern as well as a better and longer locomotion ability.

Since we encounter with all kinds of surfaces every day, (e.g. on the street, up and down a slope & on the stairs) all of these environment conditions should be considered when designing a prosthetic ankle joint.

Teh Lin now offers single axis ankle joints, multiaxial ankles, stainless steel joints and multi directional ankles. Manufactured Ankles materials includes Aluminum alloy and carbon fiber.



D-TAJ-1060 / D-TAJ-1070 / D-TAJ-1080
HY-STAN ULTRA-SHORT FLAT ANKLE JOINT

Technical data

Material	Aluminum alloy & Stainless steel seat
Hardness of bumper	60°, 70°, 80°
System weight	300 g
Maximum body weight	100 kg
Bolt	W3/8" x3" L
Modular connector options	F-TSF-TR01, F-TSF-01 F-TSF-02, F-TSF-02H



B-TGA-00
GRAPH-LITE FIXED SACH ANKLE WITH BOLT

Technical data

Material	Carbon fiber
System weight	145 g
Maximum body weight	100 kg
Diameter	Ø 30 mm
Bolt	W3/8" x3" L
Modular connector options	F-TSF-TR01, F-TSF-01 F-TSF-02, F-TSF-02H



D-TAJ-00
HY-STAN FIXED SACH ANKLE WITH BOLT

Technical data

Material	Aluminum alloy
System weight	165 g
Maximum body weight	100 kg
Diameter	Ø 30 mm
Bolt	W3/8" x3" L
Modular connector options	F-TSF-TR01, F-TSF-01 F-TSF-02, F-TSF-02H



FA156
SACH FOOT ADAPTER

Technical data

Material	Stainless steel
System weight	120 g
Maximum body weight	100 kg
Bolt	M10
Modular connector options	F-TSF-TR01, F-TSF-01 F-TSF-02, F-TSF-02H



D-TAJ-01
HY-STAN SINGLE AXIS ANKLE

Technical data

Material	Aluminum alloy & Stainless steel seat
System weight	290 g
Maximum body weight	100 kg
Bolt	W3/8" x3" L
Diameter	Ø 30 mm
Modular connector options	E-TFB-N1+N2



B-TGA-OM
GRAPH-LITE MULTI-AXIS ANKLE

Technical data

Material	Carbon fiber & Stainless steel seat
System weight	235 g
Maximum body weight	100 kg
Bolt	W3/8" x3" L
Diameter	Ø 30 mm
Modular connector options	E-TFB-N1+N2



D-TAJ-0960 / D-TAJ-0970 / D-TAJ-0980
ADJUSTABLE MULTI-AXIS ANKLE JOINT

Technical data

Material	Aluminum alloy & Stainless steel seat		
Hardness of bumper	60°	70°	80°
System weight(g)	300	305	310
Maximum body weight	100 kg		
Bolt	W3/8" x3" L		
Modular connector options	F-TSF-TR01, F-TSF-01 F-TSF-02, F-TSF-02H		



D-TAJ-0860 / D-TAJ-0870 / D-TAJ-0880
PIPE CONNECTION MULTI-AXIS ANKLE JOINT

Technical data

Material	Aluminum alloy & Stainless steel seat		
Hardness of bumper	60°	70°	80°
System weight(g)	295	300	305
Maximum body weight	100 kg		
Bolt	W3/8" x3" L		
Diameter	Ø 30 mm		
Modular connector options	F-TSF-TR01, F-TSF-01 F-TSF-02, F-TSF-02H		



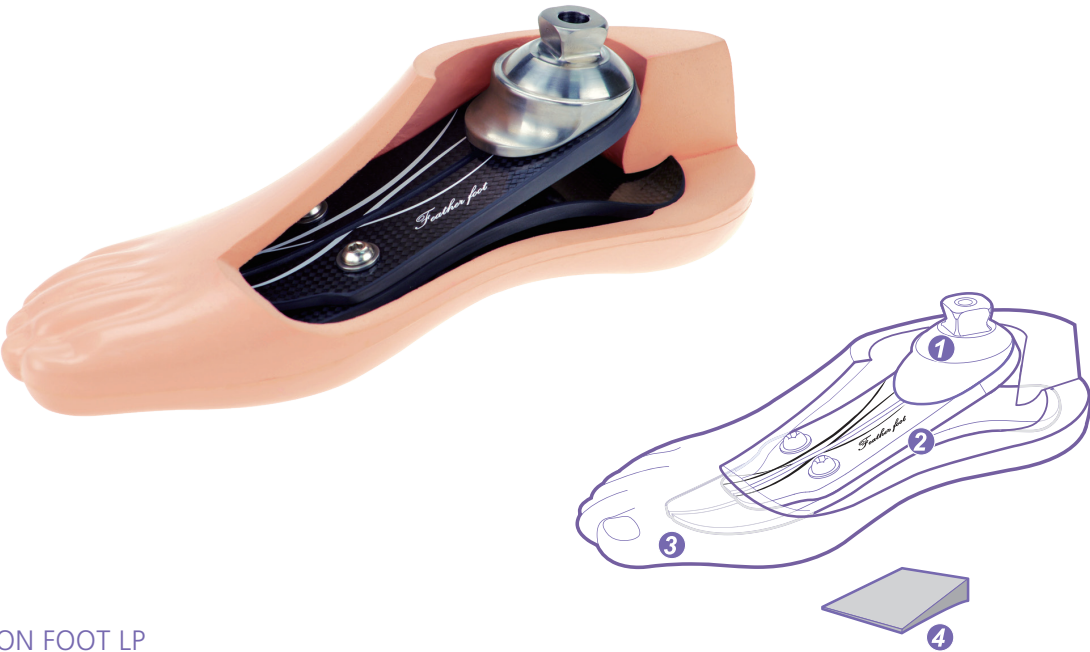
MODULAR PROSTETIC FOOT

The Foot is the first part of the human body to touch the ground. The structure of these three arches (Lateral and Medial Longitudinal as well as Transverse Arch) of our foot provides a great shock absorbability and transfers the energy of heel strike to push off.

As we know ultimate purpose of prosthetic foot is to simulate natural movement of a human foot. During the stance phase of a natural gait, our foot start to hit the ground, the most important biomechanical function during this heel strike phase is shock absorption. Following up a mid stance phase, the major task during this portion of the gait cycle is weight bearing and stability. Finally, during toe-off phase, the prosthetic foot should allow for a smooth transfer to push off.

Teh Lin has put a lot of effort into R&D, not only to enhance the quality of products but also the service and educational that accompanies them. Teh Lin provides different feet to accommodate the varying demands of the user.

From SACH foot to the new synthetic material, Teh Lin is committed in refining the mechanics and fitting technique assoicated with the prosthetic foot.



F-TGF-03
FEATHER CARBON FOOT LP

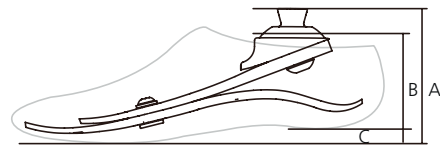
Technical data							
Material	Carbon fiber, Titanium alloy						
Size (cm)	22	23	24	25	26	27	28
System weight (g)	412	457	512	553	600	626	592
System height (mm)	80	86	87	90.5	92.5	96	96.5
Build height (mm)	55.5	61.5	62.5	66	68	71.5	72
Heel height (mm)	10						
Maximum load (kg)	100						
Activity level							

HOW TO ORDER									
F-TGF-03	22	23	24	25	26	27	28	L	R
Product No.	Size							Left / Right	
For Example : F-TGF-03 24 R									

- 1 Low profile carbon foot with titanium pyramid adapter.
- 2 Bionic foot arch design for excellent shock absorption and propulsion.
- 3 Split-toe design for adapting different ground levels. Forefoot rocker on the keel and the foot cover for fluent walking.
- 4 The product includes green and black wedge rubbers. The stiffer one (green) is suitable for the heavy body weight (80~100kg) or who needs more rebound force. The black rubber is suitable for the body-weight (60~80kg).

Feather LP foot includes

- Keel (F-TGF-03)
- Sock (G-TCS-SK)
- Foot Cover (FTSF-FFH03)
- Rubbers (Black: LA032 / Green: LA045)

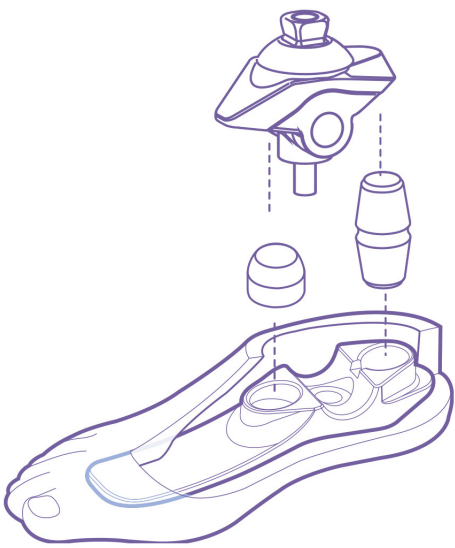


F-TGF-02
FEATHER CARBON FOOT 2

Technical data

Material	Carbon fiber, Aluminum alloy, Rubber						
Size (cm)	22	23	24	25	26	27	28
System weight (g)	650	690	735	755	770	805	830
A System height (mm)	88	91.5	92.5	93	93.5	94	94.5
B Build height (mm)	73.5	77	78	78.5	79	79.5	80
C Heel height (mm)	10						
Maximum load (kg)	100			125			
Activity level	   						

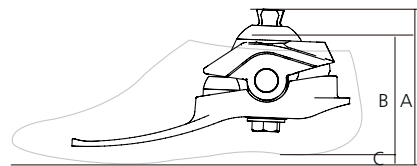
HOW TO ORDER									
F-TGF-02	22	23	24	25	26	27	28	L	R
Product No.		Size						Left / Right	
For Example : F-TGF-02 24 R									

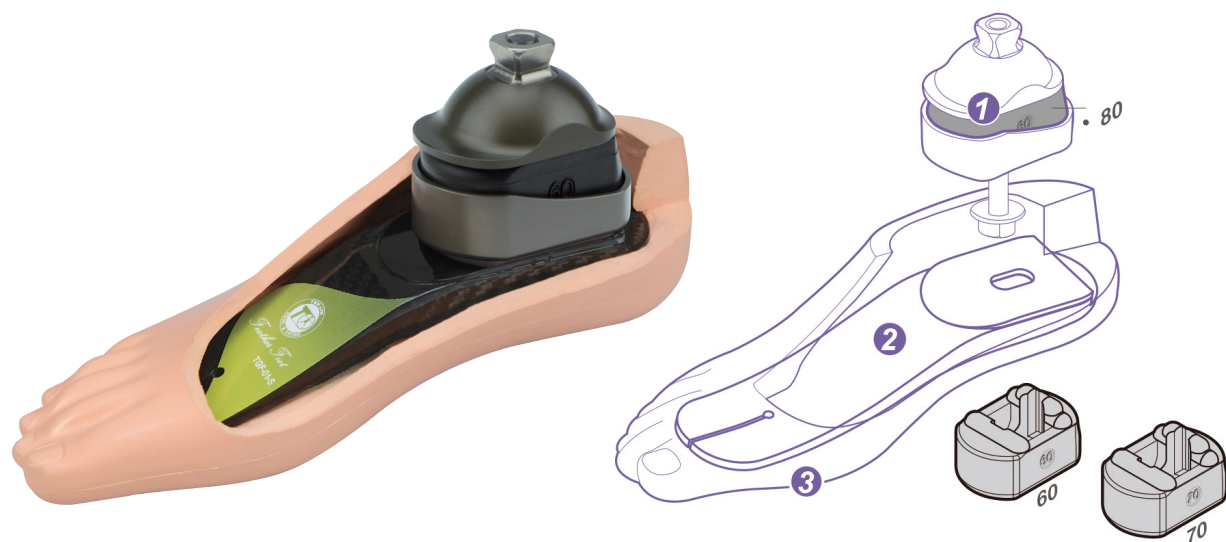


- 1 A lightweight multi axial foot designed for the community ambulator.
- 2 The multi axial ankle provides exceptional contact with the ground and improves the patient's proprioception and stability when walking on uneven surfaces.
- 3 The carbon fiber construction is lightweight and durable.
- 4 The Feather Carbon Foot II is an excellent choice for the patient wanting to walk in a world without limitations!

Feather Foot 2 includes

- Keel (D-TAJ-11+F-TGF-02)
- Sock (G-TCS-SK)
- Foot Cover (F-TSF-FFH02)





F-TGF-2RU

FEATHER CARBON FOOT WITH ANKLE JOINT

① Multi Axis Ankle Joint

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

Three kinds of hardness Rubber Design (60, 70, 80) replaceable for user

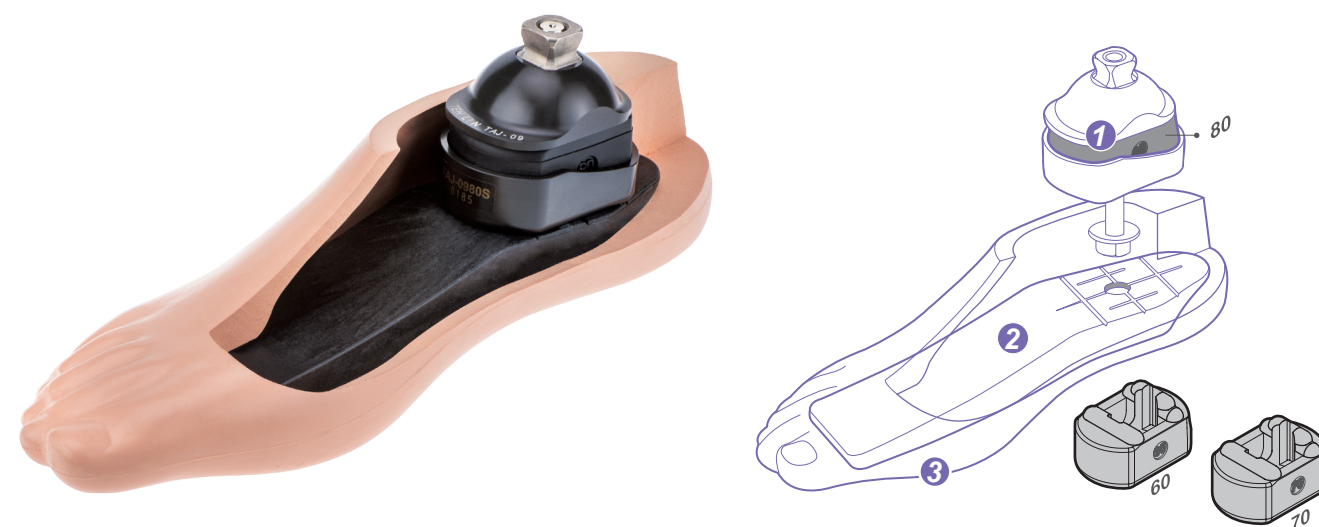
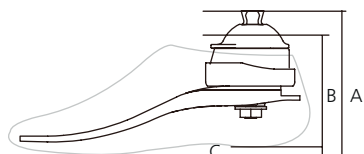
② The Split toe allows the foot to adjust to uneven ground

③ Stores and releases energy through its full length

④ Smoother roll over to toe

Feather carbon foot includes

- Keel (D-TAJ-09+F-TGF-01)
- Sock (G-TCS-SK)
- Foot Cover (F-TSF-FFH01)



F-TSF-09J

KARE DYNAMIC FOOT WITH ANKLE JOINT

1 Multi Axis Ankle Joint

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

Three kinds of hardness Rubber Design (60, 70, 80)
replaceable for user

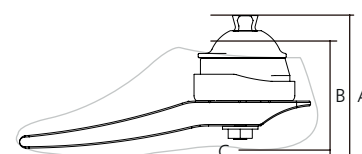
2 Foot flexibility and comfort when walking

3 Foot Cover

increasing the thickness can absorb impact

Kare Dynamic Foot includes

- Keel (D-TAJ-09+F-TSF-09)
- Sock (G-TCS-SK)
- Foot Cover(F-TSF-KM)



Technical data

Material	Aluminum alloy & Stainless steel seat, Nylon, PU and Complex fiber						
Size (cm)	22	23	24	25	26	27	28
System weight (g)	615	645	705	720	750	770	780
A System height (mm)	100	103	103.5	104	105	105.5	106
B Build height (mm)	85.5	88.5	89	90	90.5	91	91.5
C Heel height (mm)	18						
Maximum load (kg)	80		100				
Activity level	   						

HOW TO ORDER

F-TSF-09J 22 . 23 . **(24)** . 25 . 26 . 27 . 28 L . **(R)**

Product No. Size Left / Right

For Example : F-TSF-09J 24 R



F-ECF-11
LEOPARD X3 CARBON FOOT

- 1 Efficiently stores and releases energy for daily activities.
- 2 Full-length design reduces heel impact for smooth, natural walking.
- 3 Enhances stability, flexibility, and safety with forefoot split-toe design.

Technical data	
Material	Aluminum alloy / Carbon Fiber
Size (cm)	22232425262728
Weight (g)	520550590640680720760
Heel height with(mm)	10101019191919
System height (mm)	152152152164164164164
Side	Left, Right
Maximum body weight	105-125 kg
Activity level	

F-ECF-12
LEOPARD X3 LP CARBON FOOT

- 1 Efficiently stores and releases energy for daily activities.
- 2 Full-length design reduces heel impact for smooth, natural walking.
- 3 Enhances stability, flexibility, and safety with forefoot split-toe design.
- 4 Low-profile design, ideal for users with longer residual limbs.

Technical data	
Material	Aluminum alloy / Carbon Fiber
Size (cm)	22232425262728
Weight (g)	480510550590620650680
Heel height with(mm)	10101019191919
System height (mm)	63636368686868
Side	Left, Right
Maximum body weight	105-125 kg
Activity level	



F-TFF-02H
SINGLE AXIS FOOT WITH TOES

Technical data	
Material	PU, Wood, Aluminum seat
Size (cm)	222324252627282930
Weight (g)	398426472513569571581652680
Heel height with	18 mm
Side	Left, Right
Maximum body weight	100 kg
Modular connector options	D-TAJ-01, D-TAJ-02, B-TGA-OM, D-GLX-01, B-TGA-PM
Activity level	



F-TFF-02
SINGLE AXIS FLAT FOOT WITH TOES

- 1 Anterior and posterior bumpers provide smooth transition from plantarflexion to dorsiflexion
- 2 Natural cosmetic design and easily fits in a shoe

Material		PU, Wood, Aluminum seat								
Size (cm)		22	23	24	25	26	27	28	29	30
Weight (g)		340	365	400	420	520	535	580	590	710
Heel height with		0 mm								
Side		Left, Right								
Maximum body weight		100 kg								
Modular connector options		D-TAJ-01, D-TAJ-02, B-TGA-OM, D-GLX-01, B-TGA-PM								
Activity level										

HOW TO ORDER

☒ E-TFB-N1+N2

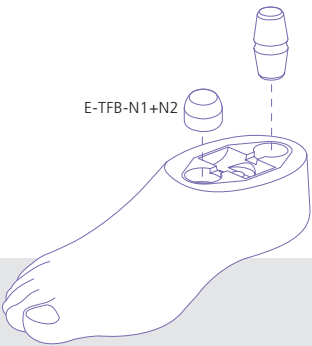
☒ F-TFF-02

22 . 23 . 24 . 25 . 26 . 27 . 28

L . R

Necessary to orderProduct No.SizeLeft /Right

For Example : E-TFB-N1+N2, F-TFF-02 22 L





F-TSF-01 , F-TSF-01B ●●
FLAT SACH FOOT WITH TOES

1 Natural cosmetic design and easily fits in a shoe

Technical data									
Material	PU, Wood								
Size (cm)	22	23	24	25	26	27	28	29	30
System weight (g)	300	386	395	468	515	550	571	590	655
Heel height with	0 mm								
Side	Left, Right								
Maximum body weight	100 kg								
Color	Caucasian (F-TSF-01) Brown (F-TSF-01B)								
Modular connector options	FA156, D-TAJ-00, D-TAJ-08, D-TAJ-09, D-TAJ-10 B-TGA-00, D-TTB-1P								
Activity level									



F-TSF-02 , F-TSF-02B ●●
SACH FOOT WITH SPLIT TOE

1 Natural cosmetic design and easily fits in a shoe

Technical data							
Material	PU, Wood						
Size (cm)	22	23	24	25	26	27	28
System weight (g)	295	350	395	440	485	540	585
Heel height with	10 mm						
Side	Left, Right						
Maximum body weight	100 kg						
Color	Caucasian (F-TSF-02) Brown (F-TSF-02B)						
Modular connector options	FA156, D-TAJ-00, D-TAJ-08, D-TAJ-09, D-TAJ-10 B-TGA-00, D-TTB-1P						
Activity level							



F-TSF-02H
SACH FOOT WITH TOES

1 Natural cosmetic design and easily fits in a shoe

Technical data							
Material	PU, Wood						
Size (cm)	22	23	24	25	26	27	28
System weight (g)	320	385	445	505	515	540	560
Heel height with	18 mm						
Side	Left, Right						
Maximum body weight	100 kg						
Modular connector options	FA156, D-TAJ-00, D-TAJ-08, D-TAJ-09, D-TAJ-10 B-TGA-00, D-TTB-1P						
Activity level							



E-TFB-N1+N2
SINGLE AXIS FOOT BUMPERS

Technical data	
Material	Rubber
Modular connector options	TFF-02, TFF-02H



ACCESSORIES

Teh Lin holds biomechanics in mind to create different accessories regarding different demands from the users. We provide modular adapters that can give the adjustable link for prosthetic limb. Spacer block used for making-up length between socket and a knee joint. We also offer different foam covers, stockings and cosmetic finishing options. We aim to accomplish more of user's demands for a better journey

Connector



D-TPS-M6

ADJUSTABLE PYRAMID ADAPTOR

An alloy adaptor used for socket-knee connections which provides the rotational alignment.

Technical data

Material	Aluminum alloy
System weight	100 g
Maximum body weight	100 kg
Bolt	W7/16" x1 1/2" L



FA153

FEMALE CONNECTOR (STAINLESS STEEL)

Stainless steel female connector that provides rotational alignment at the knee-pylon or at the socket-ylon adaptor.

Technical data

Material	Stainless steel
System weight	120 g
Maximum body weight	125 kg
Diameter	Ø 30 mm



D-TPS-M9

ADJUSTABLE PYRAMID ADAPTOR

An alloy adaptor used for socket-knee connections which provides the rotational alignment.

Technical data

Material	Aluminum alloy
System weight	114 g
Maximum body weight	125 kg
Bolt	W7/16" x1 1/2" L



D-TKC-OA

HY-STAN ANGLED CONNECTOR

An alloy connector which provides fixed angle at the knee-ylon adaptor specially designed for adult hip- disarticulation amputee.

Technical data

Material	Aluminum alloy
System weight	188 g
Maximum body weight	100 kg
Diameter	Ø 30 mm



FA155

PYRAMID ADAPTOR

Used for prosthetic knee fitting, providing a connection.

Technical data

Material	Stainless steel
System height	19 mm
System weight	76 g
Maximum body weight	100 kg



D-SA005T

4-HOLE MALE PYRAMID ADAPTER

Used for prosthetic knee fitting, providing a connection.

Technical data

Material	Titanium alloy
System height	22.3 mm
System weight	52 g
Maximum body weight	125 kg



D-ST005T

SLIDING 4-HOLE MALE PYRAMID ADAPTER

Used for prosthetic knee fitting, providing connection and sliding functionality.

Technical data

Material	Titanium alloy
System height	36.5 mm
System weight	147 g
Maximum body weight	125 kg



FA152

SOCKET ADAPTER WITH FEMALE PYRAMID

Used for prosthetic socket fitting, providing a secure connection.

Technical data

Material	Stainless steel
System height	16 mm
System weight	76 g
Maximum body weight	100 kg



D-TTB-1P

HY-STAN FIXED ADAPTOR

(Central hole threaded) An alloy adaptor used for connecting a tube at the knee or socket when no alignment is necessary.

Technical data

Material	Aluminum alloy
System weight	120 g
Maximum body weight	100 kg
Bolt	W3/8" x3"L
Diameter	Ø 30 mm



D-TKC-S

SLIDE CONNECTOR

Provides shift adjustment at the socket-knee adaptor or the socket-pylon adaptor.

Technical data

Material	Aluminum alloy
System weight	120 g



D-TKC-SA

SLIDE CONNECTOR WITH WEDGE PLATE (2)

Provides shift adjustment and angle alignment at the socket-knee adaptor and at the socket-pylon adaptor.

Technical data

Material	Aluminum alloy
System weight	140 g

Silfit liner



7-MF-100



D-TPS-M8



H-WGS

Silicone liner



U H-WSLP-TF3M
U H-WSL-TF3M



U H-WSLP-EX3M



U A-PL-SSBGSL
U A-PL-SSBGSC

Gel liner



U A-PLDT
U A-PLFR



U A-SAFR
U A-SADT

Fitting for optimal sitting ability and comfort

Transfemoral rotator enables the knee to rotate relative to the socket in sitting posture. This function provides hip flexion adjustment, which can reduce strains caused by the socket at the residual limb. Therefore ensures prosthetic user sitting in various levels and positions comfortably.

1. Flexed lower leg can be swung in and out
2. Easy to put on shoes and socks
3. Seating position up to cross-legged position possible
4. Comfortable driving



D-TKR-01
ROTATION ADAPTER

Technical data

Material	Aluminum alloy
System weight	180 g
Maximum rotatable angle	180°
Maximum body weight	100 kg
Activity level	



D-TKR-02
TRANSFEMORAL ROTATOR

Technical data

Material	Stainless steel, Aluminum Alloy
System height	36.2 mm
System weight	180 g
Rotation ability	360° (without foam cover)
Maximum body weight	125 kg
Activity level	

Spacer block

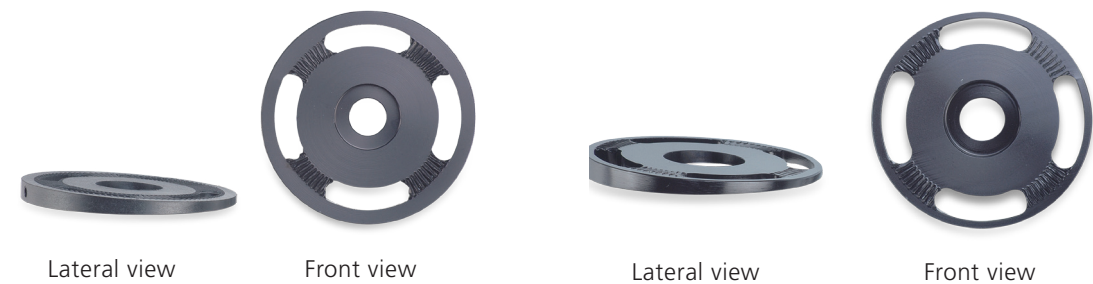


D-TAH-5-16 / D-TAH-1-2 / D-TAH-1/ D-TAH-1-1-2 / D-TAH-2
SPACER BLOCK

An alloy spacer used for making-up length between socket and a knee joint.

Technical data

Material	Aluminum alloy				
Hight	5/16"	1/2"	1"	1 1/2"	2"
Wide	2 3/8"				
System weigh (g)	40	85	95	129	160



D-TWP-A2 / D-TWP-AP2
AK WEDGE PLATE

Provides angle alignment at the AK socket-knee or AK socket-pylon adaptor.

Technical data

Material	Aluminum alloy	Nylon
System weight (g)	65	30

D-TWP-B2 / D-TWP-BP2
BK WEDGE PLATE

Provides angle alignment at the BK socket-pylon adaptor.

Technical data

Material	Aluminum alloy	Nylon
System weight (g)	50	25

Lamination

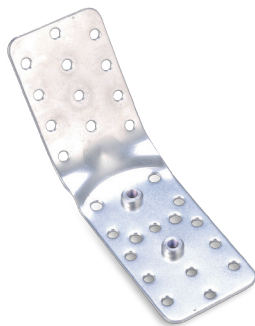


D-TSC-KD-L
L-BRACKET, STEEL WITH EXTENSIONS

A stainless steel connector which provides the interface between the FRP socket and the adaptor of central-bolt pattern for the extremely active Knee-Disarticulated amputee.

Technical data

Material	Stainless steel
System weight	240 g



D-TLP-SAH
LAMINATION PLATE (STAINLESS STEEL)

Application for Hip Joint TGH-01 / TH-01

Technical data

Material	Stainless steel
System weight	375 g



D-TLP-AAH
LAMINATION PLATE (ALUMINIUM)

Application for Hip Joint TGH-01 / TH-01

Technical data

Material	Aluminum alloy
System weight	140 g



E-TSC-LP0
LAMINATION COVER FOR L-BRACKETS

FRP socket, a rubber cover used for protecting the threaded hole of L-Bracket.

Technical data

Material	Rubber
System weight	36 g



E-TSC-LP1
LAMINATION COVER WITH PLUG FOR SOCKET CONNECTOR

A rubber plug used for protecting the hole of lamination cover (TSC-LP0) when FRP socket process.

Technical data

Material	Rubber
System weight	6 g



NB1A0005
FORMASIL RTV

FormaSil RTV solid silicone offers clear advantages over traditional HTV silicone, making it ideal for versatile applications.

Technical data

Material	Silicone Rubber / Silicone Oil / Bamboo Charcoal / Masterbatch
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Shrinker



G-TCS-LA 4/5/6/7/8
SHRINKER AK

Efficiently reduces residual limb edema, providing consistent compression for recovery and comfort.

Technical data

Material	Lycra / Nylon / Polyamide				
Size	S	M	L	XL	XXL
A (cm)	20	20	25	25	25
B (cm)	14	18	22	24	25
C (cm)	9	10	12	13	15
D (cm)	83	83	83	101	101
Weight(g)	56	61	64	69	89



G-TCS-L 4/5/6/7/8
SHRINKER BK

Efficiently reduces residual limb edema, providing consistent compression for recovery and comfort.

Technical data

Material	Lycra / Nylon / Polyamide					
Size	XS	S	M	L	XL	XXL
A (cm)	30	30	35	35	35	35
B (cm)	10	14	18	20	22	25
C (cm)	8	9	10	12	13	15
Weight(g)	26	34	44	43	51	61

Tube



D-TTT-10 / D-TTT-14 / D-TTT-17
HY-STAN TUBE

30mm diameter alloy tube which is used for connection and can easily be cut to required length.

Technical data

Material	Aluminum alloy		
Specification	10" (254mm)	14" (355.60mm)	17" (431.80mm)
System weight	155	215	260
Diameter	Ø 30 mm		
Color	Golden		



B-TTG-12 / B-TTG-14
GRAP-LITE TUBE

30mm diameter graphite tube which is used for connection and can easily be cut to required length.

Technical data

Material	Carbon fiber	
Specification	12" (304.80mm)	14" (355.60mm)
System weight (g)	110	130
Diameter	Ø 30 mm	
Color	Black	



D-TTB-8P / D-TTB-4P
HY-STAN FIXED ADAPTOR WITH 8" / 4" TUBE (central hole threaded)

Used for knee-socket or ankle-socket connection when no alignment is required.

Technical data

Material	Aluminum alloy	
Specification	8" (203.20mm)	4" (101.6mm)
System weight(g)	200	123
Diameter	Ø 30 mm	
Color	Golden	



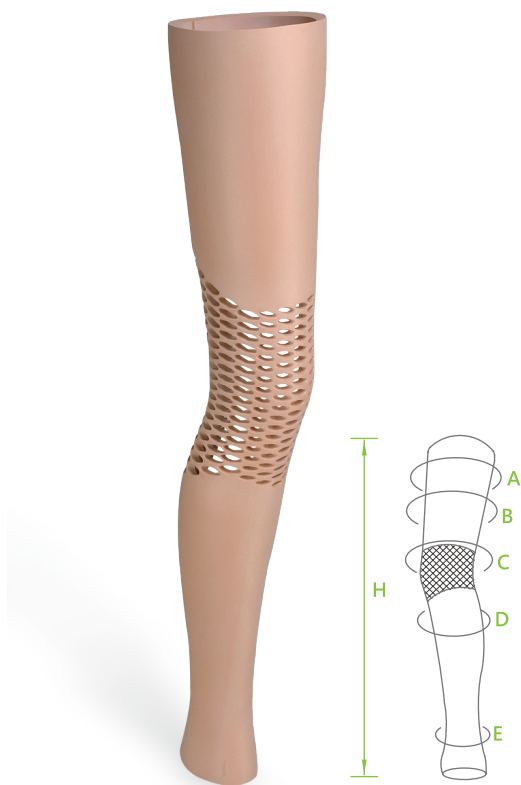
B-TGB-OTP
CARBON FIBER FIXED ADAPTOR WITH TUBE & 4 SCREWS

Used for ankle-socket or knee-socket connection when no alignment is needed.

Technical data

Material	Carbon fiber	
Specification	12" (304.80mm)	
System weight	165 g	
Diameter	Ø 30 mm	
Color	Black	

Cosmetic



H-TFC-DFXS / H-TFC-DFS / H-TFC-DFM / H-TFC-DFL
AK EVA-LAST COSMETIC COVER

Technical data

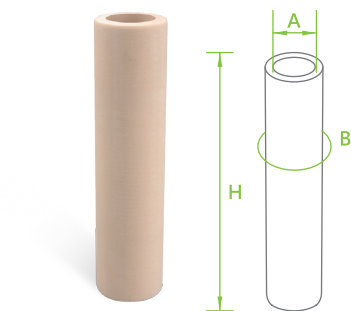
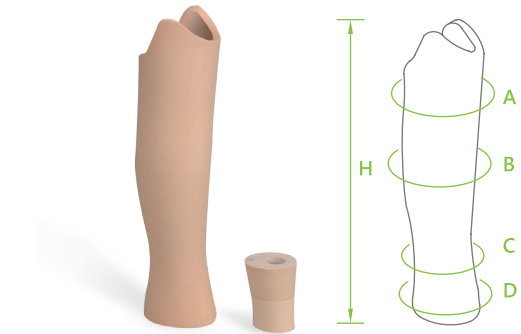
Material	EVA			
Side	Left, Right			
Size	XS	S	M	L
Specification				
A	17"	19"	20 1/2"	21 1/2"
B	15"	15"	16 1/2"	17 1/2"
C	13"	13"	14 1/2"	15 1/2"
D	12"	13"	14 1/2"	15 1/2"
E	8"	8"	9"	10"
H	29 1/2"	33"	35"	37 1/2"
Weight (g)	234	279	305	364

H-TFC-ECL / H-TFC-ECR
BK EXOSKELETAL FOAM COVER

The EVA foam cover which possesses the features of light-weight, water-proof and anti-aging is preshaped as an exoskeletal shank for the BK modular system.

Technical data

Material	EVA	
Side	Left, Right	
Size	Free	
Specification	Wide	Weight (g)
A	13 1/2"	500
B	13"	
C	10"	
D	11 3/4"	
H	18"	



H-TFC-ECC
CHILD'S EXOSKELETAL FOAM COVER

An EVA foam cylinder can be shaped as an exoskeletal shank for the child's modular system.

Technical data

Material	EVA	
Size	Free	
Specification	Wide	Weight (g)
A	2 1/2"	200
B	10 3/4"	
H	13 1/2"	



H-TFC-FS5 / H-TFC-FS5A / H-TFC-FS10 / H-TFC-FS 12 /
H-TFC-FS12A
EVA FOAM SHEET

Used for making the thigh portion of exoskeletal foam cover.

Technical data

Material	EVA					
Model	Length(mm)	Width(mm)	Thickness(mm)	Weight (g)	Hardness	pattern on the surface
H-TFC-FS5	1650	900	5	1500	60~65	
H-TFC-FS5A	1650	900	5	1500	60~65	
H-TFC-FS10	1830	920	10	1600	25~30	
H-TFC-FS12	1830	920	12	1600	17~22	
H-TFC-FS12A	2250	1000	12	1700	25~30	



G-TCS-RA35 / G-TCS-RA38 / G-TCS-RA41
AK / AE RIBBED COSMETIC STOCKING

The inner layer of AK、HD and AE cosmetic stocking which used on a foam cover.

Technical data

Material	Nylon & Elastic fiber		
Size	35"	38"	41"
Weight (g)	29	33	36



G-TCS-SA35 / G-TCS-SA38 / G-TCS-SA41
AK / AE SHEER COSMETIC STOCKING

The outer layer of AK and HD cosmetic stocking which used on a foam cover.

Technical data

Material	Nylon & Elastic fiber		
Size	35"	38"	41"
Weight (g)	27	28	29



G-TCS-RB18 / G-TCS-RB21 / G-TCS-RB24
BK / BE RIBBED COSMETIC STOCKING

The inner layer of BK cosmetic stocking which used on a foam cover.

Technical data

Material	Nylon & Elastic fiber		
Size	18"	21"	24"
Weight (g)	19	22	24



G-TCS-SB18 / G-TCS-SB21 / G-TCS-SB24
BK / BE SHEER COSMETIC STOCKING

The outer layer of BK cosmetic stocking which used on a foam cover.

Technical data

Material	Nylon & Elastic fiber		
Size	18"	21"	24"
Weight (g)	15	16	18

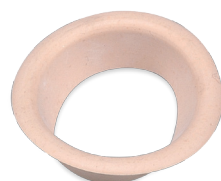


E-TRB-OAM / E-TRB-OAL / E-TRB-OAXL / E-TRB-OBS
RUBBER BAND

For fixing the proximal end of foam cover to the AK/ BK socket.

Technical data

Material		Rubber		
Model		Length (mm)	Wide (mm)	Weight (g)
AK	TRB-OAM	165	35	19
	TRB-OAL	190	35	23
	TRB-OAXL	250	35	35
BK	TRB-OBS	130	35	15



E-TRC-O
RUBBER CUP FOR SUCTION VALVE

Used on a foam cover to protect the hole of suction valve.

Technical data

Material		Rubber	
Size		Free	
Weight		5 g	



E-TCS-L1
WAIST BELT WITH BUCKLE

Used for a suspension socket.

Technical data

Material	Leather
Length	1067 mm



E-TCS-L2
WAIST BELT WITHOUT BUCKLE

Used for a suspension socket.

Technical data

Material	Leather
Length	1110 mm

Other



G-TCS-SC / G-TCS-SD / G-TCS-SE / G-TCS-SF / G-TCS-SG
G-TCS-SH / G-TCS-SI / G-TCS-SJ

ELASTIC STOCKING

Application: Fixed and mold stump residual limb shape.

Technical data

Material	Cotton & Elastic cloth			
Model	Length (mm)	Wide (mm)	Weight (g)	Color
SC	150	70	14	Skin
SD	250	70	16	
SE	250	90	25	
SF	300	70	30	
SG	300	95	35	
SH	350	90	37	
SI	300	150	43	White
SJ	300	150	50	



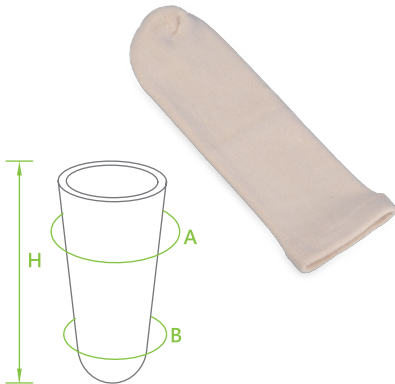
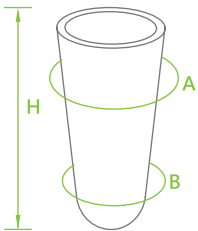
G-TCS-HA12 / G-TCS-HA14 / G-TCS-HA16 / G-TCS-HA18
G-TCS-HA20/ G-TCS-HA 22

STUMP SOCK

Fixed and mold stump residual limb shape.

Technical data

Material	Wool			
Model	A	B	H	Weight (g)
HA12 (BK)	7"	4"	12"	54
HA14 (BK)	7"	4"	14"	69
HA16 (AK)	7"	4"	16"	77
HA18 (AK)	7"	4"	18"	83
HA20 (AK)	7"	4"	20"	86
HA22 (AK)	7"	4"	22"	99
HA24 (AK)	7"	4"	24"	105



G-TCS-CHA10 / G-TCS-CHA14 / G-TCS-CHA16

CHILD'S STUMP SOCK

Fixed and mold stump residual limb shape.

Technical data

Material	Wool			
Model	A	B	H	Weight (g)
CHA10	5"	3"	10"	44
CHA14	5"	3"	14"	57
CHA16	5"	3"	16"	61



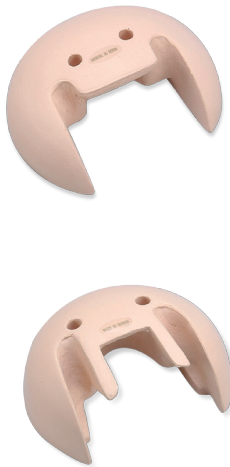
G-TCS-NA12 / G-TCS-NA15 / G-TCS-NA18 / G-TCS-NA21

NYLON SOCK

Fixed and mold stump residual limb shape.

Technical data

Material	Nylon			
Size	12"	15"	18"	21"



EXOSKELETAL KNEE CAP

To be fixed to the following modular knee for the exoskeletal foam cover

Technical data

Material	PU	
Model	Application	Weight (g)
H-TFC-ECG1H00	A-TGK-1H00S	76
H-TFC-ECG1PSO	A-TGK-1PSO	80
H-TFC-ECG4000B	A-TGK-4000 / A-TGK-4001 / A-TGK-4002	87
H-TFC-ECG4P00	A-TGK-4P00	100
H-TFC-ECG4P01P	A-TGK-4P01P / C-TK-4P01P	115
H-TFC-ECG4P10	A-TGK-4P10	57
H-TFC-ECG50SO	A-TGK-50SO	152
H-TFC-ECG5PH	A-TGK-5PSOH	85
H-TFC-ECG5PS10	A-TGK-5PS10	95
H-TFC-ECG5PSO	A-TGK-5PSO	109
H-TFC-ECG5PSOIC	A-TGK-5PSOIC	128
H-TFC-ECK4000S	C-TK-4000S / C-TK-4001	84
H-TFC-ECK4010	C-TK-4010	43
H-TFC-ECK40C	C-TK-40C	22
H-TFC-ECK4P00S	C-TK-4P00S	130
H-TFC-ECK4P0C	C-TK-4P0C	55



E-TCS-L3 (Long) / E-TCS-L4 (Short)
SUSPENSION STRAP

Used for a suspension socket.

Technical data

Material	Leather
Length	678 / 310 mm

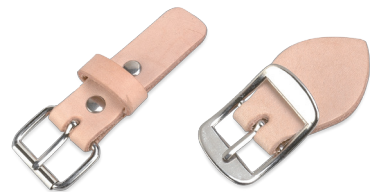


E-TCS-LM / E-TCS-LL / E-TCS-RM / E-TCS-RL
ABDOMINAL BRACE FOR PROSTHETIC SOCKET

Strongly steadying for hip joint and socket.

Technical data

Material	Elastic cloth	
Side	Left, Right	
Size	Small	Large
Weight(g)	165	170



E-TCS-L5 / E-TCS-L6
BUCKLE

Used for a suspension socket.

Technical data

Material	Leather
Length	97 / 63 mm



G-TCS-NB2 / G-TCS-NB3 / G-TCS-NB4 / G-TCS-NB6 / G-TCS-NB8
NYLON STRETCH STOCKINET

Used for bandage costing and used as the reinforce material of FRP socket.

Technical data

Material	Cotton & Nylon		
Model	Length	Wide	Weight (g)
NB2	25 Yard / Roll	2"	600
NB3	25 Yard / Roll	3"	870
NB4	25 Yard / Roll	4"	1120
NB6	25 Yard / Roll	6"	1670
NB8	25 Yard / Roll	8"	1860



G-TCS-NC3 (BK) / G-TCS-NC4 (AK)
SHAPABLE STOCKING

Used for bandage costing and as the reinforcement material FRP socket.

Technical data

Material	Cotton & Nylon	
Model	Length	Weight (g)
NC3	16"	5.5
NC4	22"	6.5



I-TPC-SG
CAST PLASTER BANDAGE

Used for making the mold of stump.

Technical data

Material	Cotton fiber & Gypsum
Wide	6"
Weight	335 g (roll)



G-TCS-SC4 / G-TCS-SC6
ELASTIC BANDAGE

Application: used for making the mold of stump.

Technical data

Material	Cotton & Artificial silk		
Model	Length (Yard)	Wide	Weight (g)
SC4	5	4"	65
SC6	5	6"	80.5



D-TLCA-4001
LOCKING HANDLE W. CABLE FOR
A-TGK-4001/C-TK-4001S/A-TGK-4002/
C-TK-4002/C-GLX-SPSO

A manual lock with adaptable switch.
Compatible for 4-Bar knee: TGK-4001 / TK-4001S TGK-4002 / TK-4002

Technical data

Material	Stainless steel cable & Plastic
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E-TSV-M

SUCTION VALVE (MANUAL)

A manual valve used for the AK socket.

Technical data

Material	Rubber
System weight	10 g
Outside	Ø 36 mm



E-TSV-A

SUCTION VALVE (AUTO)

An auto valve used for AK socket.

Technical data

Material	Rubber
System weight	12 g
Outside	Ø 43 mm



E-TSV-P-BK

BK manual automatic push valve

- 1 Made of high-strength alloy materials
- 2 Corrosion-resistant materials
- 3 Lightweight design
- 4 Combination design feature of manual air intake and automatic air exhaust

Technical data

Material	Aluminum alloy, POM
System weight	13±1 g
System height	27.5mm



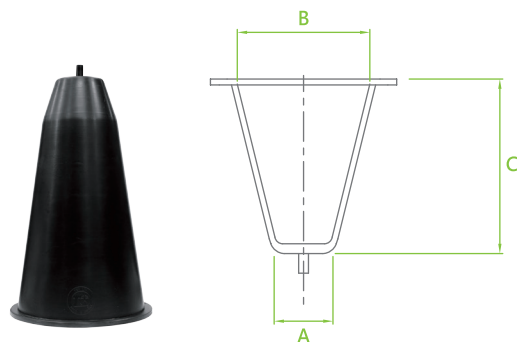
E-TSV-MO

PLASTIC STAND FOR SUCTION VALVE

A plastic ring used as the valve stand of FRP laminating socket.

Technical data

Material	Plastic
System weight	5 g
Outside	Ø 36 mm



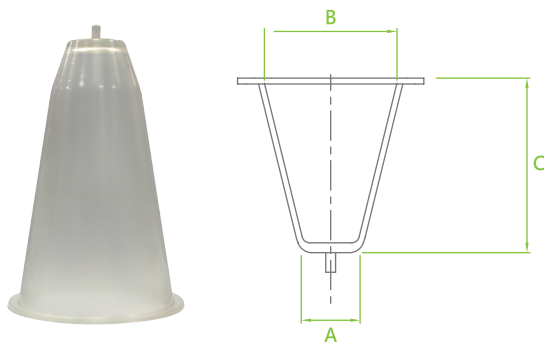
I-TPC-BC

BAMBOO CHARCOAL CONE

- * Provides more dry-contacted feeling.
- * Less bad smell of perspiration
- * Use type - For long term use
- * Heating for vacuum - 210°C 20min

Technical data

Material	PP+Bamboo Charcoal			
Use type	For long term use			
Model	Weight(g)±20g	A(mm)	B(mm)	C(mm)
No. 1 (I-TPC-BC1)	595	51	138	258
No. 2 (I-TPC-BC2)	721	51	161	258
No. 3 (I-TPC-BC3)	826	51	158	310
No. 4 (I-TPC-BC4)	902	56	195	310
No. 5 (I-TPC-BC5)	1205	56	218	356
No. 6 (I-TPC-BC6)	1353	56	263	356
Heating for vacuum	210°C 20min			



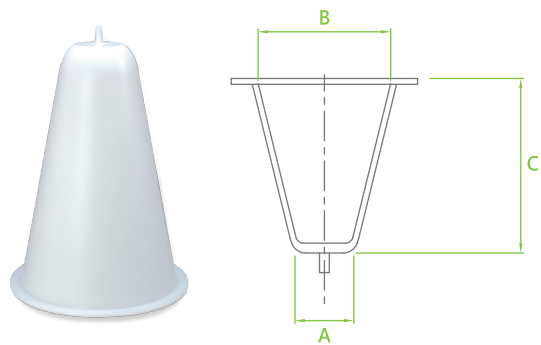
I-TPC-PS

TRANSPARENT CONE

- * Provides transparent feature, for evaluating the contact area between the stump/linear and the socket.
- * More elastic property and could be used for BK dynamic walking test.
- * Could be used with all kinds of linear and its locking part.
- * Use type - For short term use - Assessment use only
- * Heating for vacuum - 180~190°C 10~15min

Technical data

Material	PS			
Use type	For short term use. Assessment use only.			
Model	Weight(g)±20g	A(mm)	B(mm)	C(mm)
No. 1 (I-TPC-PS1)	None	51	138	258
No. 2 (I-TPC-PS2)	None	51	161	258
No. 3 (I-TPC-PS3)	1000	51	158	310
No. 4 (I-TPC-PS4)	1098	56	195	310
No. 5 (I-TPC-PS5)	1464	56	218	356
No. 6 (I-TPC-PS6)	None	56	263	356
Heating for vacuum	180~190°C 10~15min			



I-TPC-PP
PREFORMED CONE

Technical data

Material	PP			
Use type	For long term use			
Model	Weight(g)±20g	A(mm)	B(mm)	C(mm)
No. 1 (I-TPC-PP1)	588	51	138	258
No. 2 (I-TPC-PP2)	714	51	161	258
No. 3 (I-TPC-PP3)	824	51	158	310
No. 4 (I-TPC-PP4)	905	56	195	310
No. 5 (I-TPC-PP5)	1206	56	218	356
No. 6 (I-TPC-PP6)	1333	56	263	356
Heating for vacuum	210℃ 20min			



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