2018

PROSTHETICS PRODUCT CATALOGUE

EXPLORE NEW LIFE

TEHLIN

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TEH LIN Product Catalogue 2018

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COMPANY INTRODUCTION

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 40 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

6 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 10 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	

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	

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	

lateral view front view

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-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-TSC-KDC-L

CHILD'S L-BRACKET, ALUMINUM WITH EXTENSIONS

An aluminum alloy connector which provides the interface between the FRP socket and the adaptor of central-bolt pattern for the active child's Knee-Disarticulation amputee.

Technical Data

Material	Aluminum alloy
System weight	45 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

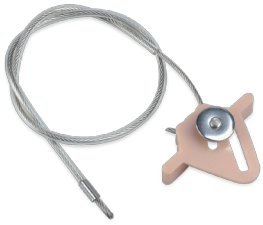
D-TUPS-MP1

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-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

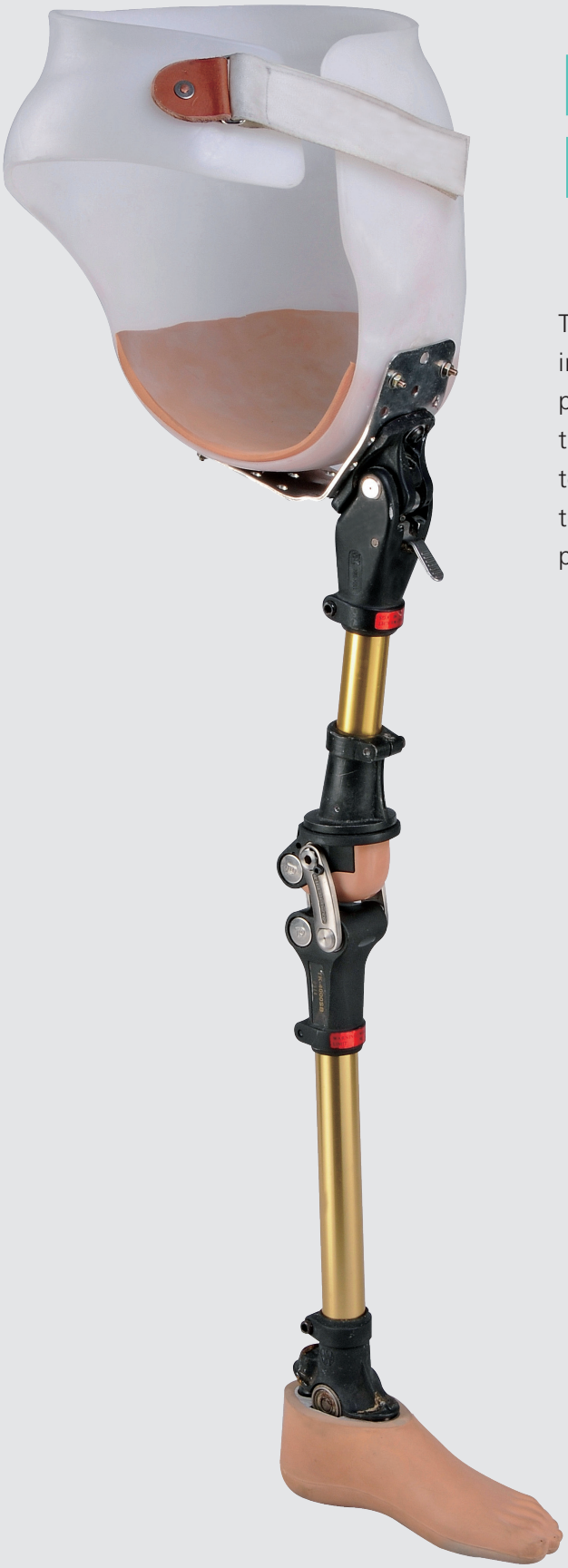
D-TTC-12 / TTC-15

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



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. 20 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. 20 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	

14 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 TGK-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 comportable for maximum weight of 125kg whilst still maintaining a beautiful aesthetic.

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 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

Xtreme® X60

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 RP1 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

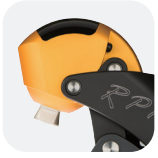
Material	Aluminum alloy, Titanium alloy
System height	227 mm
System weight	1146 g
Maximum flexion angle	159°
Maximum body weight	125 kg
Activity level	

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

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-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	178 mm
System weight	880 g
Maximum flexion angle	120°
Maximum body weight	100 kg
Activity level	

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	

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	100 kg
Activity level	

C-TK-4000S

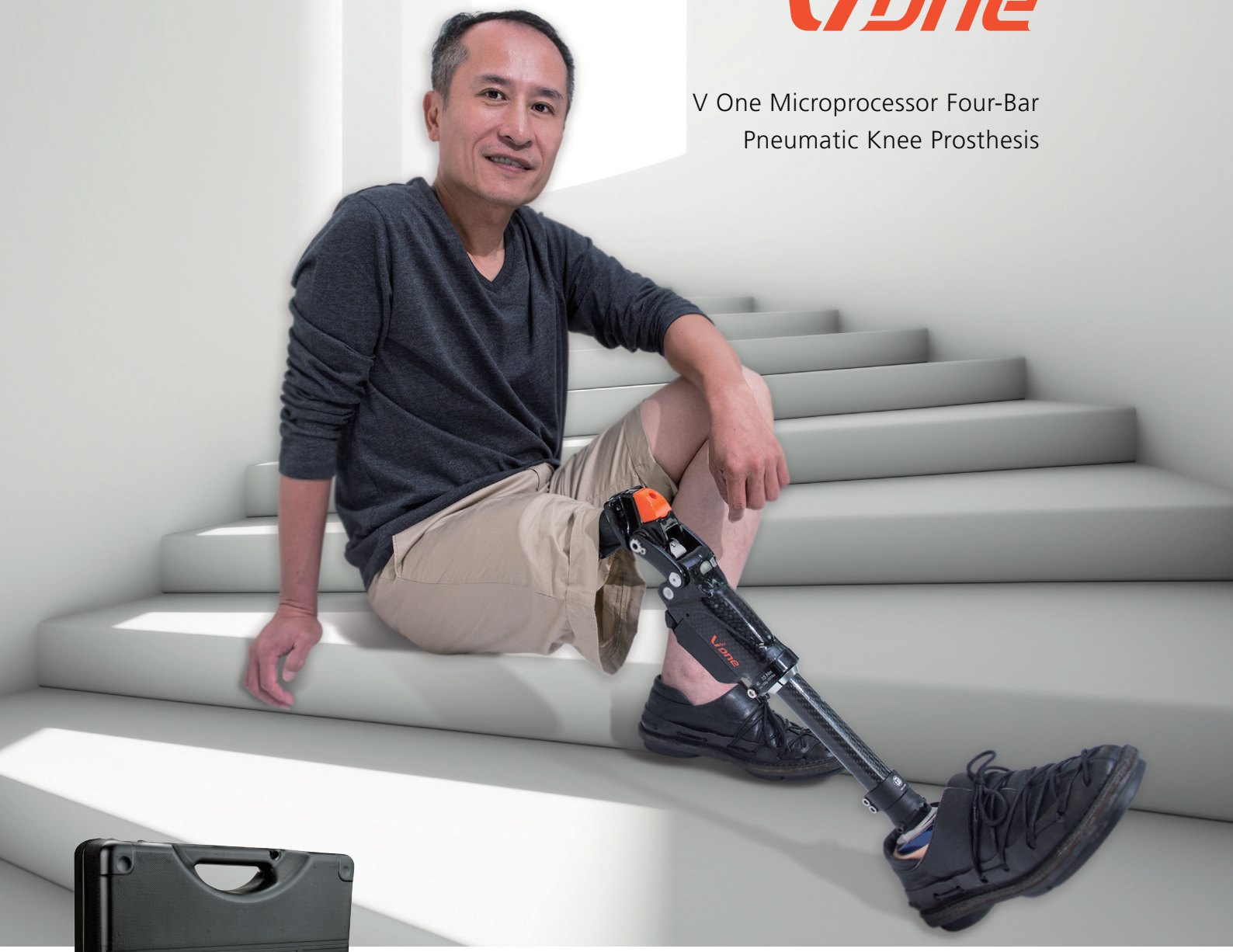
HY-STAN 4 BAR KNEE

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

Technical data

Material	Aluminum alloy
System height	175 mm
System weight	835 g
Maximum flexion angle	135°
Maximum body weight	100 kg
Activity level	

V One Microprocessor Four-Bar
Pneumatic Knee Prosthesis



Value in One !

V One knee is controlled by a microprocessor and sensors. In the auto-mode, the flexion resistances of the knee joint will be adjusted automatically depend on user's walking speed and gait patterns. In the manual-mode, manual set for the flexion resistances is also available.

A-TGK-4PSOIC-A01, B01, C01

V One MICROPROCESSOR-CONTROLLED KNEE

Technical data

Material	Carbon, Titanium alloy, Aluminum alloy
System height	215mm for A-TGK-4PSOIC-A01/B01 228mm for A-TGK-4PSOIC-C01
System weight	1060g / 1080g A-TGK-4PSOIC-A01 / B01 1130g A-TGK-4PSOIC-C01
Maximum flexion angle	142˚
Maximum body weight	125 kg
Wireless module	Bluetooth Class II
Activity level	

Safety and intelligence

A new gravity sensor is integrated to estimate different walking speeds, and the knee prosthesis resistance can be changed for more natural gait and safety.

Walking resistances setting

The resistances of the knee joint for three walking conditions (slow, natural, fast walking) are set by the PC program in the auto-mode.

Four-bar mechanical design

The trajectory of the instance center of rotation (ICR) mimics anatomic pattern, which ensures stability in the stance phase and toe clearance in the swing phase.

Carbon frame

It makes knee lighter and more durable.

5-BAR
MODULAR KNEE JOINT

BGS Introduction

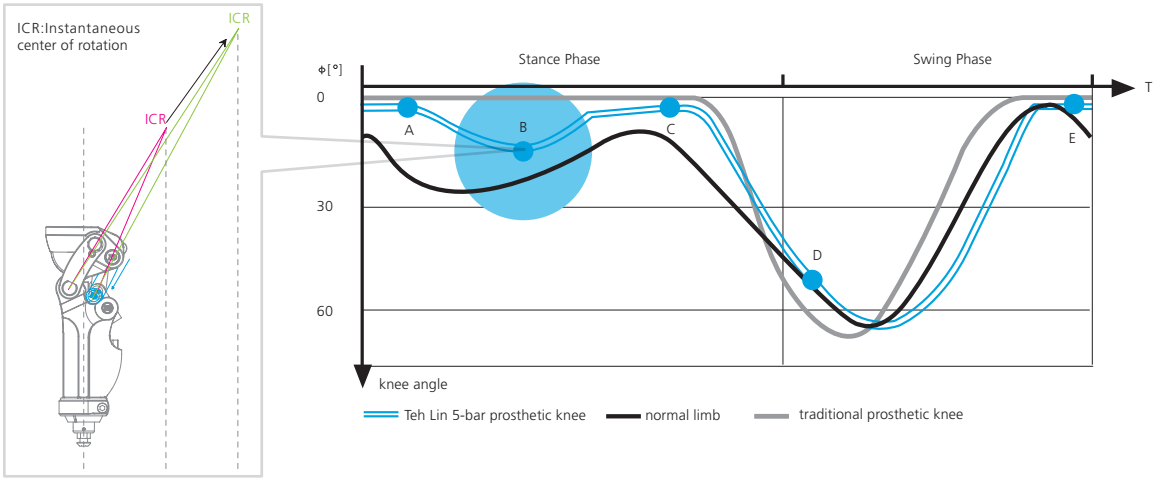
Under a normal gait conditions, the knee will flex during initial contact. However amputees that use the traditional prosthesis cannot easing achieve this movement. Bionic Gait Simulation (BGS) can produce this function that provides a better control and shock absorption angle (max until 15°). The flexion 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	238 mm
System weight	1000 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	250 mm
System weight	1000 g
Maximum flexion angle	135°
Maximum body weight	100 kg
Activity level	

A-TGK-50SO

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	235 mm
System weight	925 g
Maximum flexion angle	155°
Maximum body weight	100 kg
Activity level	

NEW

ADLIB2

A whole set includes transmission lines, remote control, transformers, setting program.

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

A-TGK-5PSOIC-A02 , A12

ADLIB 2 MICROPROCESSOR-CONTROLLED KNEE

Technical data

Material	Carbon, Titanium alloy, Aluminum alloy
System height	260mm for A-TGK-5PSOIC-A02/B02 278mm for A-TGK-5PSOIC-A12/B12
System weight	1195 / 1205±10g for A-TGK-5PSOIC-A02/ B02 1210 / 1220±10g for A-TGK-5PSOIC-A12/ B12
Maximum flexion angle	138°
Maximum body weight	125 kg
Wireless module	Bluetooth Class II
Activity level	

More intelligent

Integrates the information of the Multi-axes G sensor and a Magnetic sensor to estimate the 3D posture of the prosthesis and the gait cadence up to a rate of 200 times per second.

Microprocessor

Microprocessor accumulates and analyzes information from the G sensor and then evaluates the user's gait pattern.

Best Control

After receiving the signals from the microprocessor, the pneumatic cylinder provides optimal resistance for recreating natural gait patterns.

5-Bar design

Provides shock absorption of the knee, and enhancing stability of the joint dramatically without knee buckling by shifts the ICR posteriorly.

More easily way for setting (New!)

Provides the Auto and Manual modes for adjusting the joint resistance. In the Auto mode, custom set the resistance patterns only by the remote controller.

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 & Stain-less steel seat
Hardness of bumper	60°, 70°, 80°
System weight	300 , 305 , 310 (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

D-TAJ-0860 / D-TAJ-0870 / D-TAJ-0880

PIPE CONNECTION MULTI-AXIS ANKLE JOINT

Technical data

Material	Aluminum alloy & Stain-less steel seat
Hardness of bumper	60°, 70°, 80°
System weight	295 , 300, 305 (g)
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

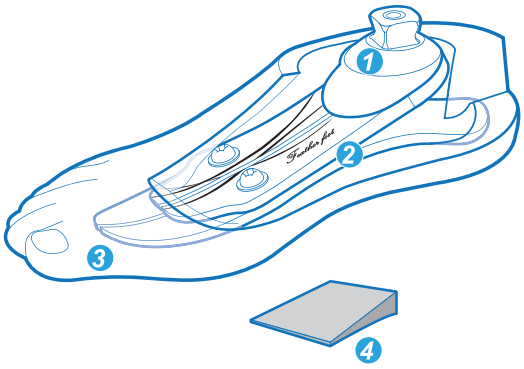
MODULAR PROSTETIC FOOT

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 asscoiated 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 (cm)	73		75		79		
Heel height with	18 mm						
Maximum load	100 kg						
Activity level							

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).

HOW TO ORDER

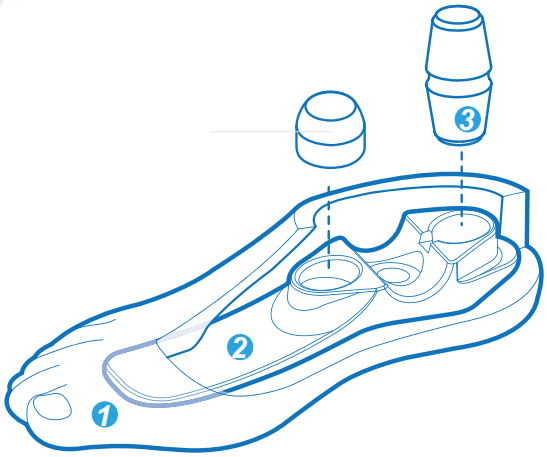
F–TGF–03 (Product No.) 22 . 23 . (24) . 25 . 26 . 27 . 28 (Size) L . (R) (Left / Right)

For Example : F-TGF-03 24 R

Feather LP foot includes

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

F-TGF-03 G-TCS-SK F-TSF-FFH-03



F-TGF-02

FEATHER CARBON FOOT 2

Technical data

Material	Carbon fiber, Titanium alloy						
Size (cm)	22	23	24	25	26	27	28
System Weight (g)	302	346	383	417	422	455	463
Heel height with	10 mm						
Maximum load (kg)	100		125				
Activity level							

1 Excellent elasticity of carbon foot provides the flexibility and comfort when walking.
2 With graphite multi-axis ankle joint (B-TGA-OM/PM), it provides a better proprioception when walking on the uneven surfaces.
3 With single-axis ankle joint (D-TAJ-01/02/ D-GLX-01), it absorbs
4 If you need the pyramid attachment, please order D-TPS-M6S with ultra-short ankle joint (B-TGA-PM / D-TAJ-02)

Feather Foot 2 includes

- Keel (F-TGF-02S/M/L)
- Sock (G-TCS-SK)
- Foot Cover(F-TSF-FFH02)

HOW TO ORDER

F–TGF–02 (Product No.) 22 . 23 . (24) . 25 . 26 . 27 . 28 (Size) L . (R) (Left / Right)

For Example : F-TGF-02 24 R

D-TPS-M6S

或

B-TGA-OM　B-TGA-PM

E-TFB-N1+F2

F-TGF-02

G-TCS-SK

F-TSF-FFH-02

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

Technical data

Material	D-TAJ-09	Aluminum alloy & Stainless steel seat					
	F-TGF-01	Carbon Fiber					
	F-TSF-FFH01	Synthetic fiber					
Size (cm)	22	23	24	25	26	27	28
Weight (g)	766	846	889	921	963	1011	1057
Heel height with	10 mm						
Maximum load	100 kg		125 kg				
Activity level							

D-TAJ-09 F-TGF-01 G-TCS-SK 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

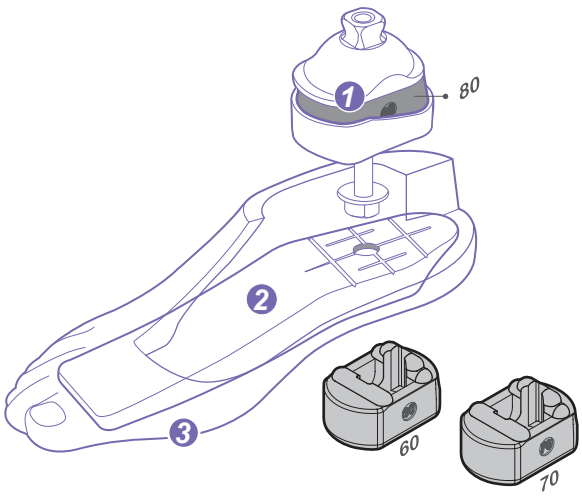
2 Foot

flexibility and comfort when walking

3 Foot Cover

increasing the thickness can absorb impact

Item: Ankle Joint(D-TAJ-09) 60.70.80 + Kare Foot(F-TSF-09)



Technical data

Material	D-TAJ-09	Aluminum alloy & Stainless steel seat					
	F-TSF-09	Nylon, PU and Complex fiber					
Size (cm)	22	23	24	25	26	27	28
Weight (g)	344	352	463	474	496	527	546
Heel height with	18 mm						
Maximum load	80 kg		100 kg				
Activity level							

HOW TO ORDER

F–TSF–09J	22 . 23 . (24) . 25 . 26 . 27 . 28	L . (R)
Product No.	Size	Left / Right

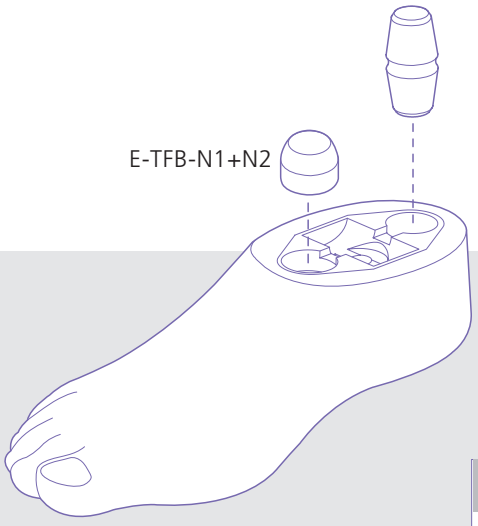
For Example : F-TSF-09J 24 R

F-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 (Necessary to order) ☑ F-TFF-02 (Product No.) (22) . 23 . 24 . 25 . 26 . 27 . 28 (Size) (L) . R (Left /Right)

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

F-TFF-02H

SINGLE AXIS FOOT WITH TOES

Technical data

Material	PU, Wood, Aluminum seat								
Size (cm)	22	23	24	25	26	27	28	29	30
Weight (g)	398	426	472	513	569	571	581	652	680
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									

D-TAJ-01

D-TAJ-02

B-TGA-OM

B-TGA-PM

D-GLX-01

E-TFB-N1+N

F-TFF-02

F-TFF-02H

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	22, 23, 24, 25, 26, 27, 28, 29, 30 (cm)
System weight	300, 386, 395, 468, 515, 550, 571, 590, 655 (g)
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	22, 23, 24, 25, 26, 27, 28 (cm)
System weight	295, 350, 395, 440, 485, 540, 585 (g)
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	22, 23, 24, 25, 26, 27, 28 (cm)
System weight	320, 385, 445, 505, 515, 540, 560 , 655, 690 (g)
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	

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	125 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-pylon adaptor.

Technical data

Material	Stainless steel
System weight	95 g
Maximum body weight	100 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-pylon adaptor specially designed for adult hip- disarticulation amputee.

Technical data

Material	Aluminum alloy
System weight	95 g
Maximum body weight	100 kg
Diameter	Ø 30 mm

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

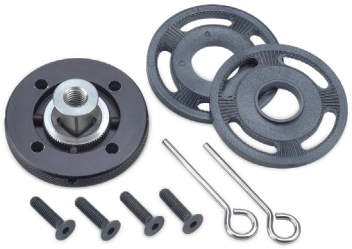
D-TKC-S

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

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	166 g
Maximum rotatable angle	180°
Maximum body weight	100kg
Activity level	

D-TKR-02
TRANSFEMORAL ROTATOR

Technical data

Material	Stainless steel, Aluminum Alloy
System height	35.5 mm
System weight	180g
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 weight	40, 85, 95, 105, 160 (g)

Lateral view Front view

Lateral view Front view

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	65, 30 (g)

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	50, 25 (g)

Lamination

D-TSC-KDA-L

L-BRACKET, ALUMINUM WITH EXTENSIONS

An alloy connector which provides the interface between the FRP socket and the adaptor of central-bolt pattern for the active Knee -Disarticulated amputee.

Technical data

Material	Aluminum alloy
System weight	105 g

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-AAH

LAMINATION PLATE (ALUMINIUM)

Application for Hip Joint TGH-01 / TH-01

Technical data

Material	Aluminum alloy
System weight	140 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

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

Tube

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	8" 200 g 4" 123 g
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

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 (g)
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	110, 130 (g)
Diameter	Ø 30 mm
Color	Black

B-TTG-12GX / B-TTG-12RX / B-TTG-12WX

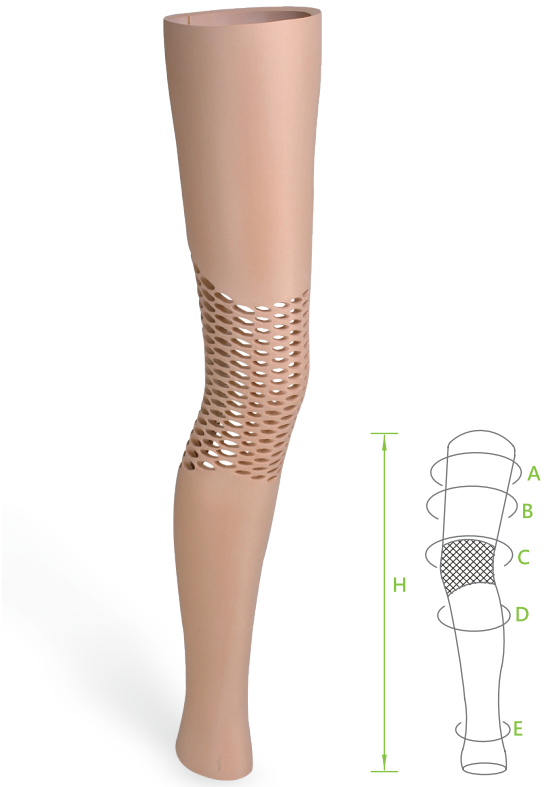
CARBON FIBER TUBE

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)
System weight	110 g
Diameter	Ø 30 mm
Color	Green, Red, White

Cosmetic



H-TFC-DFXS / H-TFC-DFS / H-TFC-DFM / H-TFC-DFL

AK EVA-LAST COSMETIC COVER

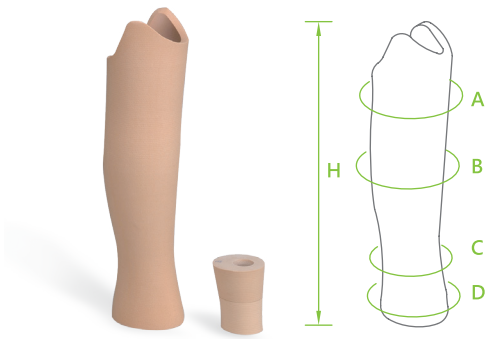
Technical data

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

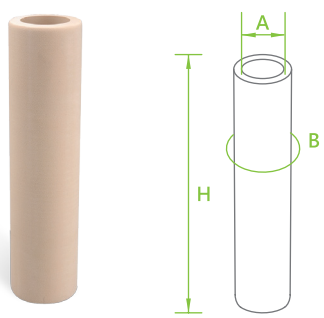
BK EXOSKELETAL FOAM COVER

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	
H-TFC-FS5	1650	900	5	1500	60~65	
H-TFC-FS5A	1650	900	5	1500	60~65	pattern on the surface
H-TFC-FS10	1830	920	10	1600	25~30	
H-TFC-FS12	1830	920	10	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	29, 33, 36 (g)

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	27, 28, 29 (g)

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	19, 22, 24 (g)

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	15, 16, 18 (g)

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)
	TRB-OAM	165	35	19
AK	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	1030 mm

E-TCS-L2

WAIST BELT WITHOUT BUCKLE

Used for a suspension socket.

Technical data

Material	Leather
Length	1110 mm

Other

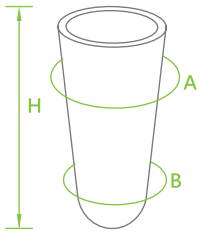
G-TCS-SC / G-TCS-SD / G-TCS-SE / G-TCS-SF / G-TCS-SG G-TCS-SH / G-TCS-SI / G-TCS-SJ

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	



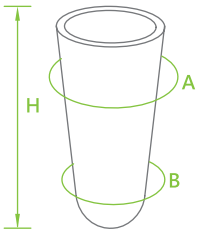
G-TCS-HA12 / G-TCS-HA14 / G-TCS-HA16 / G-TCS-HA18 G-TCS-HA20/ G-TCS-HA 22

STUMP SOCK

Fixed and mold stump residual limb shape.

Technical data

Material	Wool			
Model	A	B	H	Weight (g)
HA10 (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)
CHA12	5″	3″	10″	58
CHA14	5″	3″	14″	72
CHA16	5″	3″	16″	75

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 / C-TK-4P00S	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	100
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	640 / 310 mm

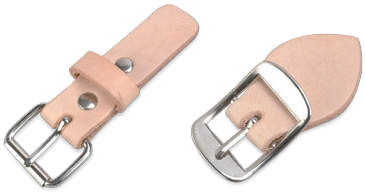
E-TCS-LM / E-TCS-LL / E-TCS-RM / E-TCS-RL

ABDOMINAL BRACE FOR PROSTHETIC SOCKET

Strongly steadying for hip joint and socket.

Technical data

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



E-TCS-L5 / E-TCS-L6

BUCKLE

Used for a suspension socket.

Technical data

Material	Leather
Length	1030 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

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

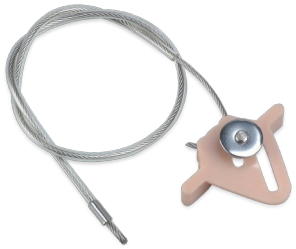
E-TSV-M

SUCTION VALVE (MANUAL)

A manual valve used for the AK socket.

Technical data

Material	Rubber
System weight	10 g
Outside	Ø 36 mm



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

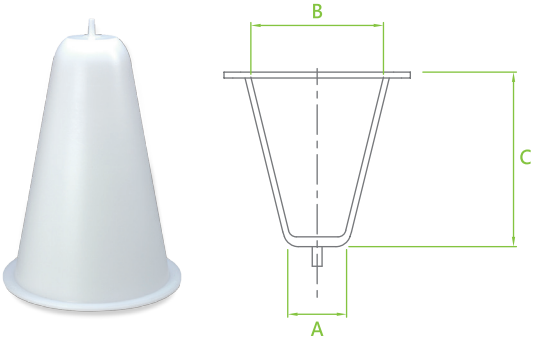
E-TSV-MO

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

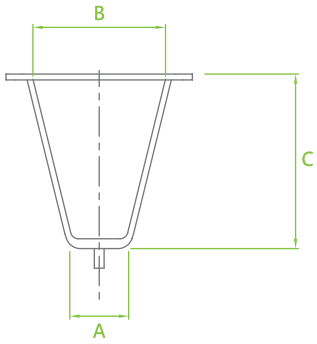


I-TPC-PP

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			



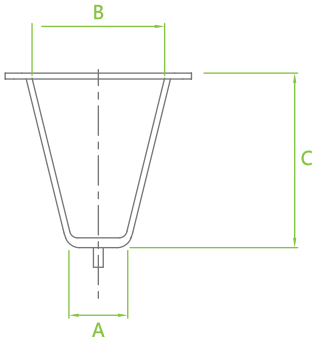
I-TPC-BC

BAMBOO CHARCOAL CONE

* Provides more dry-contacted feeling.
* Less bad smell of perspiration
* Use type - For long term use
* Heating for vacuum - 210℃ 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℃ 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℃ 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℃ 10~15min			

EXPLORE NEW LIFE

TEHLIN

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