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Company



IB-ER Prosthetics is a machining and manufacturing company established in 1988 in Izmir, Turkey. As a manufacturer, we have been working in prosthetics and orthotics sector since 34 years and currently exporting our goods to 40 countries.

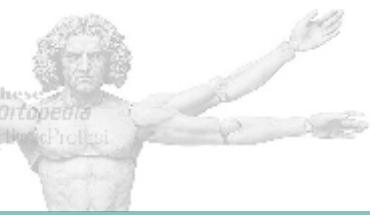
IB-ER Prosthetics produces highest quality titanium and stainless steel prosthetic components with ISO13485:2012 and ISO9001:2008 quality management systems and CE safety standards. In addition to production of modular prosthetic components, IB-ER produces carbon fiber foots with high energy returns and lightweight structures.

We are so proud to serve in Prosthetics & Orthotics sector and as a family company we will always continue to do our best to fulfill needs of our customers. Here we are presenting our new product range to you and we look forward to hear your precious evaluations.



Vural ERYILMAZ
Production Manager

Erol ERYILMAZ
General Manager



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CE-Declaration of Conformity



İB-ER MAKİNA A.Ş
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Declares under the sole responsibility that the following prosthetic products:

**Foot Adapters
Pyramid Receivers
Pyramid Adapters
Tube Assembly
Tube Clamp Adapters
Lamination Anchors
8 Screw Double Adapters
Double Pyramid Adapters
Attachment Blocks**

**Knee Joints
Sach Foot
Foam Covers
Locks
Rotation Adapters
Orthotics
Carbon Foot Series
Foot Shell
Slide Adapters**

To which this declarations relates to are Class 1 according to Medical Directives MDR 2017/745.

The above mentioned products are in conformity with the following standards or other normative documents:

**ISO 10328 Structural Testing of Lower-limb Prostheses
ISO 14971 Risk Analysis
MDR 2017/745 Regulation of European Parliament 2017/745**

Authorized Representative in EC

Ercan Gözüacik
Reinickendorfer Str 45
13347 Berlin
GERMANY

A handwritten signature in blue ink, appearing to read "Erol ERYILMAZ".

**Erol ERYILMAZ
General Manager
İB-ER MAKİNA A.Ş.**

This declaration is valid from March 01, 2021

CE-Declaration of Conformity



NAME AND ADDRESS OF THE FIRM: İB-ER MAKİNA A.Ş
 SELVİLİTEPE MAH. KEMALPAŞA CAD.
 İBER BLOK NO:20/2
 TURGUTLU-MANISA/TURKEY

WE DECLARE UNDER OUR SOLE RESPONSIBILITY THAT:

EQUIPMENT: Carbon Foot, Foot Shell, Sach Foot and Adapters, Dynamic Foot and Adapters, Single Axis Foot and Adapters, Pyramid Receivers, Slide Adapters, Pyramid Adapters, Tube Assembly, Aluminum Tubes, Tube Clamp Adapters, Lamination Anchors, 8 Screw Double Adapters, Attachment Blocks, Knee Joints, Silicone Liners & Locks Systems, Active Vacuum Units, Valves, Foam Covers, Orthotic Components

ARTICLE NUMBERS: E01s-M10, E01s-M8, E01T-M10, E01T-M8, E01AL-M8, E01AL-M10, E60 Mika, E60-XX, E61-XX, E62-XX, E63-XX, Winged Carbon Foot (WX-X), Short Carbon Foot (SHORTX-X), Supreme Carbon Foot (SUPREMEX-X), Symes Foot (SYMESX-X), FM-Foot (FMX-X), Foot Shell (AS-XX), Foot Shell (AB-XX), FST, S-CF, E50s(22-25), E50s(26-30), E50T(22-25), E50T(26-30), E61cup-XX, E02s, E02s-134 kg, E02T, E02T-134 kg, E02AL, E02s-2, E02T-2, E04s-Rs, E04s-Ps, E04T-RT, E04T-PT, E04AL, E02s-2D, E33s, E33T, E34s, E34T, E03s, E03s-134 kg, E03s-4, E03s-4-134 kg, E03T, E03T-134 kg, E03T-4, E03T-4-134 kg, E03AL, E12s, E12T, E12AL, E12-C, E13s, E03s-2, E03T-2, E03s-ECC-A, E03s-ECC-D, E03T-ECC-A, E03T-ECC-D, E30s, E30T, E31s, E31T, E35s, E35T, E36s, E36T, E05s-250, E05s-400, E05s-400-134 kg, E05s-250-134 kg, E05T-250, E05T-400, E05T-400-134kg, E05T-250-134 kg, E05AL-250, E05AL-400, E05s-250-Dia34, E05s-400-Dia34, E05T-250-Dia34, E05T-400-Dia34, E05s-10D-250, E05s-10D-400, E05T-10D-250, E05T-10D-400, E05s-20D-250, E05s-20D-400, E05T-20D-250, E05T-20D-400, AL350, AL400, AL450, AL500, AL400-Dia34, AL250-Dia34, E07s, E07s-134 kg, E07T, E07T-134 Kg, E07AL, E07s-Dia34, E07T-Dia34, E06s, E06T, E06s-5mm, E06T-5mm, E07s-10D, E07s-20D, E07T-10D, E07T-20D, E57s-32, E57s-60, E57T-32, E57T-60, E09s-Body, E10s-Body, E11s, E09s-Large Body, Ps-Short, Ps-Short-134 Kg, PT-Short, E09s-Ps, E09s-PT, E10s-Ps, E10s-PT, E09s-Large Body-Ps, Rs-Short, Rt-Short, E09s-Rs, E09s-RT, E10s-Rs, E10s-RT, E09s-Large Body-Rs, Rs-Long, Ps-Long, RT-Long, PT-Long, H03s, H04s, H03T, H04T, E09s-Ps-Long, E09s-PT-Long, E09s-Rs-Long, E09s-RT-Long, E15s-32, E15s-45, E15s-60, E15s-75, E15T-32, E15T-45, E15T-60, E15T-75, E15AL-32, E15AL-45, E15AL-60, E15AL-75, E18s, E18AL, E18T, E21s-32, E21s-34, E21s-45, E21s-60, E21s-75, E21T-32, E21T-34, E21T-45, E21T-60, E21T-75, E20 Thick, E20 Thin, E19-75, E19-80, E19-85, E19-90, E90 Sanis, E91-66, E91-78, E91-88, E40, E48, E41-Body, E41, E47, E42s, E42T, E42-EXT, E43s, E43T, E49AL, E53s, E53T, E53s-D, E45s, E45T, E46s, ROT, ROTS, Silicone Liners (SL-10-XX and SL-XX), Gel Liners (GL-XX-XX), Gel Sleeves (KP-X), E70-Pin, E70-Gear, SL-Kit E70-Body, E71-Body, E70-Kit, E71-Kit, E70-09-Kit, E71-09-Kit, E73-Disk, E73-Body, E73-Kit, E72-36, E72-50, Active Vacuum Adapters (VAC-XX), VAC-200, VAC-200-EXT, VAC-300, EPS-Valve, E01AI-C, E05AI-C, E07AI-C, E12AI-C, E02AI-C, E20-C, E08AI-C, E80, E81, E65, E66-XX, E67, E67c, E68-XX, Perlon Stockinette (M01-X), Stump Sock (M02-X, M03-X) OKJ110-XX, OKJ120-XX, OKJ130-XX, OKJ140-XX, OLB110-16, OLB110-16AL, OLB110-20, OLB110-20AL, OLB120-16, OAJ110-XX, OAJ120-XX, OAJ130-XX, HJ-100, HJ-200, E58

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**ISO 10328
 ISO 14971
 MDR 2017/745**

**Structural Testing of Lower-limb Prostheses
 Risk Analysis
 Regulation of European Parliament 2017/745**

Authorized Representative in EC

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 13347 Berlin
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RESPONSIBLE OF THE COMPANY
 Erol ERYILMAZ

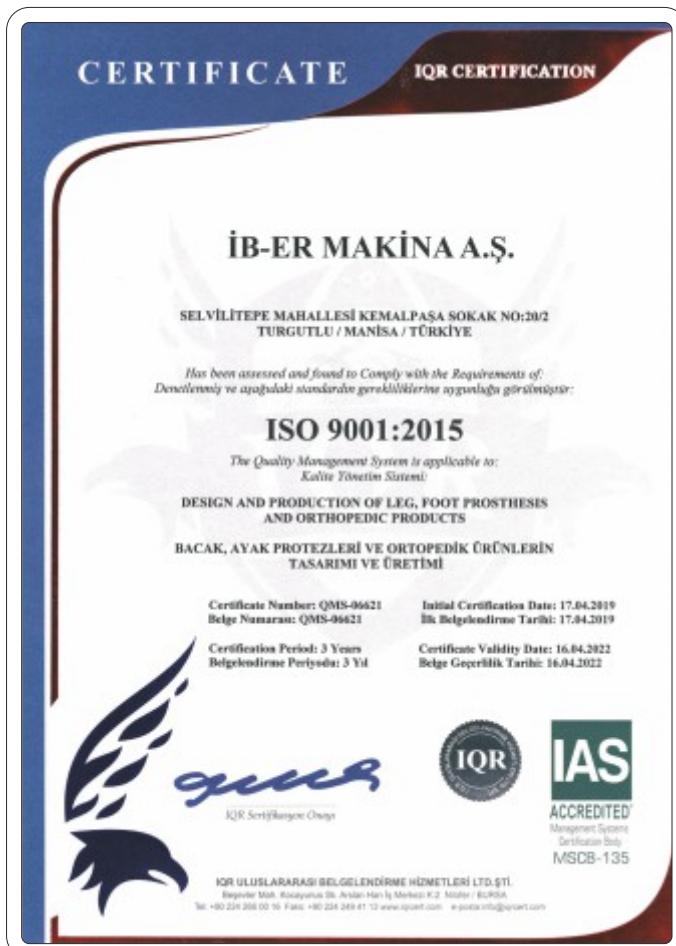
General Manager
İB-ER MAKİNA A.Ş.

This declaration is valid from March 01,2021



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Carbon Foot

Winged Foot

Short Foot

Supreme Foot

Sympes Foot

FM-Foot

Joy Foot



3D-Printed rings together with carbon fibers

3D-Printed rings allows easily seat and cover for carbon fibers as well as reduces and distributes the stress of heel strike force by its pre-shaped structure and round corners.



Winged Foot

Introduction

Winged foot is designed as a multi-functional foot with complete carbon fiber structure. It has two main plates, divided in two parts which allows +/- 10 degrees of inversion and eversion movements of the carbon foot. Also split main plate design of the foot provides +/- 5 degrees of the torsion of the pyramid section. For smoother gait cycle, there is an additional inner carbon plate to comfort during the stance phase, causing the main plate to flex till a particular point easily and prevents further loads.



Features

- * +/- 5 degrees Torsion of Pyramid
- * +/- 10 degrees of Inversion and Eversion
- * Multi-axial body
- * Impact absorbtion by inner Plate
- Wide body with to increase ground stability

±10 *degrees*
Eversion and Inversion!



Thanks to its split lines on main plate, pyramid section of the foot easily rotates around center of the pyramid and causes +/- 5 degrees of torsion.

+5 degrees *Torsion of Pyramid*

Technical Information

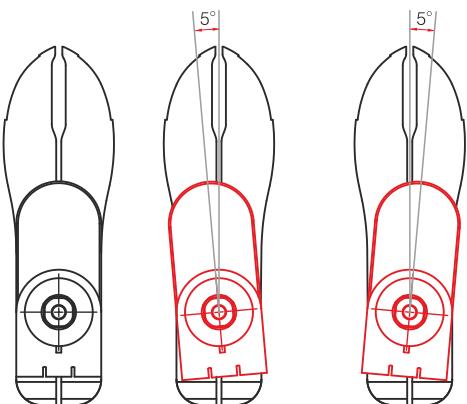
Target Users: Moderate impact, K3-K4 level patients

Stiffness Categories: 1 to 5

Connector Type: Titanium Male Pyramid

Max. Body weight: 120 kg

Size range: 23 to 29



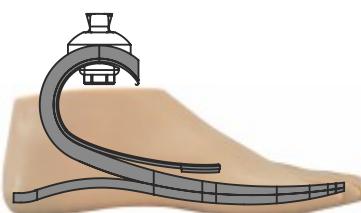
Category Selection

BODY WEIGHT	CATEGORY
65- 75 kg	CAT-1
75- 85 kg	CAT-2
85- 95 kg	CAT-3
95- 105 kg	CAT-4
105- 120 kg	CAT-5

Impact Absorption

When load is placed on the toe, main carbon plate twists through C-shaped inner carbon plate. In this case, inner plate behaves like a shock absorber and shares the impact force with main plate.

This movement also supports energy return to toe-off phase.



Data Table

Product Name	Winged Foot
Sizes	23 to 29
Advised Activity Level	K3-K4
Max User Weight	120 Kg
Mean Product Length	110 mm
Mean Product Weight	390 Gr
Available Foot Shell Color	Beige & Brown

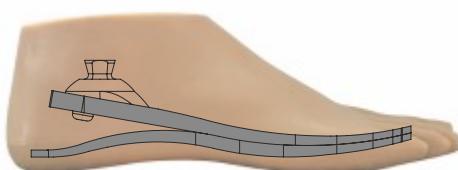
Order Example

W27-CAT3

Winged Foot Size Category



Carbon Foot



- Foot Shell is same for all foot types and available in all sizes.
- Foot Shell should be ordered separately by its size and colour.
Please see page 17.

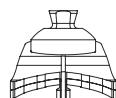
Short Foot

Features

- As seen by its name, Short profile design is suitable for users with long residual limbs.
- Even having a Short profile, the foot provides energy return which is considerably high.
- Short height structure enables to use additional components on top, such as active vacuum adapters and shock absorbers.
- “3D-Printed Rings Technology” (Patent Pending) provides “Screw-less” connection of carbon plates at toe section. This provides smooth feeling and gait cycle for the user.
- Suitable for K2-K3 level users.

Category Selection

Body Weight	Category
65 - 75 kg	CAT-1
75 - 85 kg	CAT-2
85 - 95 kg	CAT-3
95 - 105 kg	CAT-4
105 - 120 kg	CAT-5



Data Table

Product Name	Short Foot
Sizes	23 to 29
Advised Activity Level	K2-K3
Max User Weight	120 Kg
Mean Product Length	50 mm
Mean Product Weight	350 Gr
Available Foot Shell Color	Beige & Brown

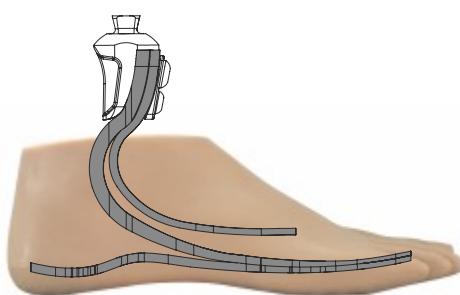
Order Example

Short26-CAT2

Short Foot | Size | Category



Supreme
The Carbon Foot



- Foot Shell is same for all foot types and available in all sizes.
- Foot Shell should be ordered separately by its size and colour.
Please see page 17.

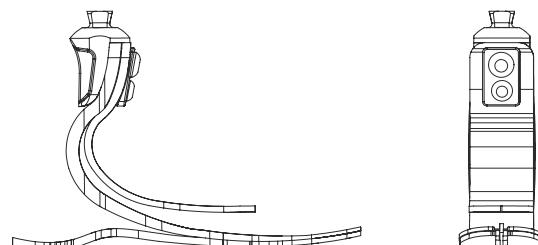
Supreme Foot

Features

- Totally carbon fiber body provides high energy return and smooth gait cycle.
- Additional inner carbon plate "Absorbs" surplus energy and increases life span of the product.
- "3D-Printed Rings Technology" (Patent Pending) provides "Screw-less" connection of carbon plates at toe section. This provides smooth feeling and gait cycle for the user.
- Pyramid of the product is made by Titanium, lightweight and durable against set-screw pressure.
- Suitable for K3-K4 level users.

Category Selection

Body Weight	Category
65-75 kg	CAT-1
75-85 kg	CAT-2
85-95 kg	CAT-3
95-105 kg	CAT-4
105- 120 kg	CAT-5



Data Table

Product Name	Supreme Foot
Sizes	24 to 28
Advised Activity Level	K3-K4
Max User Weight	120 Kg
Mean Product Length	150 mm
Mean Product Weight	480 Gr
Available Foot Shell Color	Beige & Brown

Order Example

Supreme28 -CAT2

Supreme Foot Size Category

Carbon Foot



SYMES FOOT

“Fixed Socket Adapter!”

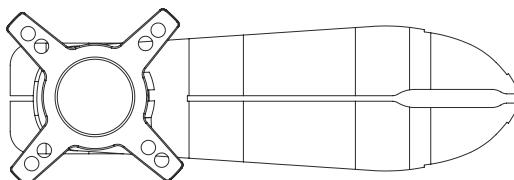
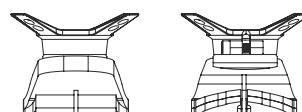
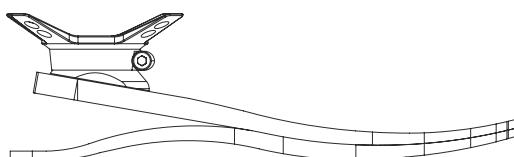
Symes Foot

Features

- As seen by it's name, this foot mostly focuses on users with Symes amputation.
- Symes foot has stable M36 Thread and 4-Prong Socket Adapter to be connected with the socket directly.
- Symes foot has the same flexiable carbon structure with the Short Foot, provides high energy return and smooth gait cycle.
- “3D-Printed Rings Technology” has been used, as well as other carbon fiber foots in the product range.

Category Selection

Body Weight	Category
65- 75 kg	CAT-1
75- 85 kg	CAT-2
85- 95 kg	CAT-3
95- 105 kg	CAT-4
105- 120 kg	CAT-5



- Foot Shell is same for all foot types and available in all sizes.
- Foot Shell should be ordered separately by its size and colour.
Please see page 17.

Data Table

Product Name	Symes Foot
Sizes	23 to 29
Advised Activity Level	K2-K3
Max User Weight	120 Kg
Mean Product Length	50 mm
Mean Product Weight	420 Gr
Available Foot Shell Color	Beige & Brown

Order Example

Symes26-CAT2

 | |
Symes Foot Size Category

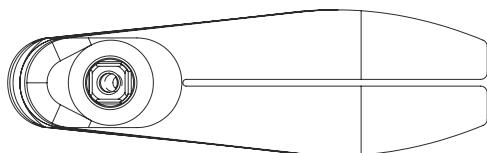
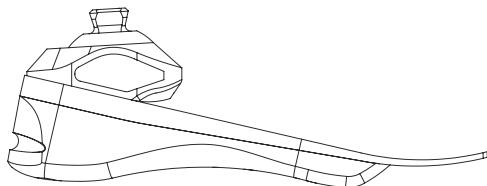
make your life easier



IB-ER
PROSTHETIC®



FM-FOOT



FM-Foot

Features

- FM-Foot provides smooth gait and cushion feeling to the low and moderate mobility level users.
- FM-Foot has Aluminum adapter, which is lightweight and durable.
- Split-toe design allows the foot to adapt on uneven surfaces.
- Foam based heel section, provides damping and cushion.
- Plate of the FM-Foot is made by Carbon Fiber.
- Size 23 to 26 have a weight limit of 100 Kg.
- Size 27 to 28 have a weight limit of 120 Kg.

Data Table

Product Name	FM-Foot
Sizes	23 to 28
Advised Activity Level	K1-K2
Max User Weight	120 Kg
Mean Product Length	70 mm
Mean Product Weight	310 Gr
Available Foot Shell Color	Beige & Brown
Weight Limits "23 to 26"	100 Kg
Weight Limits "27 to 28"	120 Kg

Order Example

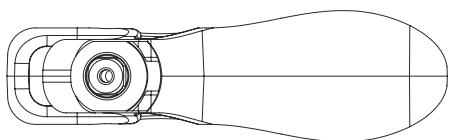
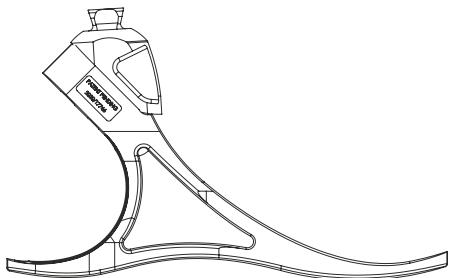
FM24

| |
FM-Foot Size

- Foot Shell is same for all foot types and available in all sizes.
- Foot Shell should be ordered separately by its size and colour.
Please see page 17.



JOY FOOT



Joy Foot

Features

- An affordable solution for lightweight people with low activities.
- Made by engineering plastics, provides smooth and comfortable gait cycle.
- This foot has been designed for gently daily use, without excessive loads and impacts! Not for Active users!
- Very lightweight body has been supported with durable Aluminum pyramid.
- Water Resistant! Suitable for Bath and Sea Prosthesis!



Data Table

Product Name	Joy Foot
Sizes	23 to 28
Advised Activity Level	K2
Max User Weight	100 Kg
Mean Product Length	125 mm
Mean Product Weight	370 Gr
Available Foot Shell Color	Beige & Brown

Weight Limits

Size 23	55 Kg
Size 24	60 Kg
Size 25	65 Kg
Size 26	70 Kg
Size 27	75 Kg
Size 28	80 Kg

Order Example

JOY25-RIGHT-BEIGE

| Joy Foot | Size | Foot Shell Type | Color |

Attention: This foot has been designed for gently daily use, without excessive loads and impacts. Not for Active Users!

- Joy foot gets delivered inside of its foot shell.
- User weight limit differs with the size of the foot.

Foot Shell For Carbon Foots



Foot Shell

- Specially produced by Thermoplastic Rubber (TPR)
- Suitable for all type of IB-ER Prosthetic feet.
- 60 Shore hardness.
- Two different color options (Beige and Brown).
- All Foot Shells comes with its connection cap!

Code	Foot Size	Heel Height	Color	Side
AS-23L/R	23	10mm	Beige	L/R
AS-24L/R	24	10mm	Beige	L/R
AS-25L/R	25	10mm	Beige	L/R
AS-26L/R	26	10mm	Beige	L/R
AS-27L/R	27	10mm	Beige	L/R
AS-28L/R	28	10mm	Beige	L/R
AS-29L/R	29	10mm	Beige	L/R

Code	Foot Size	Heel Height	Color	Side
AB-23L/R	23	10mm	Brown	L/R
AB-24L/R	24	10mm	Brown	L/R
AB-25L/R	25	10mm	Brown	L/R
AB-26L/R	26	10mm	Brown	L/R
AB-27L/R	27	10mm	Brown	L/R
AB-28L/R	28	10mm	Brown	L/R
AB-29L/R	29	10mm	Brown	L/R

Order Example

AS-26-LEFT

Beige Color | Size | Foot Shell Type

AB-26-RIGHT

Brown Color | Size | Foot Shell Type

Accessory



Foot Shell Tool (FST)

Foot Shell Tool

- Tool for removing the foot shell

Code

FST



Carbon Foot Stocking

Carbon Foot Stocking

- Suitable for foot types.

Code

S-CF



Carbon Foot

Overall Look of Carbon Foot Family

IB-ER PROSTHETIC®	K1	K2	K3	K4	Summary
					<p>Winged Foot</p> <ul style="list-style-type: none"> • +/- 5° of Pyramid Torsion • +/- 10° of Inversion & Eversion • Impact Absorbtion • High Energy Return
					<p>Supreme Foot</p> <ul style="list-style-type: none"> • Suitable for Excessive activites • High Impact Absorbtion • +/- 10° of Inversion & Eversion • High Energy Return
					<p>Short Foot</p> <ul style="list-style-type: none"> • Short Profile Design • Moderate Impact Absorbtion • Moderate Energy Retun
					<p>Symes Foot</p> <ul style="list-style-type: none"> • Integrated Socket Adapter • Moderate Impact Absorbtion • Moderate Energy Return
					<p>FM-Foot</p> <ul style="list-style-type: none"> • Split Foam Base • Split Carbon Plate • Lightweight Design (~310gr)
					<p>Joy Foot</p> <ul style="list-style-type: none"> • Made by Engineering Plastics • Carbon-like effects • Water Resistant



Prosthetic Foot & Modular Adapters

*Sach Foot
Sach Foot and Dynamic Foot Adapter
Single Axis Foot And Adapters
Pyramid Receivers
Pyramid Adapters
Tube Assembly
Aluminum Tubes
Tube Clamp Adapters
Lamination Anchors
8 Screw Double Adapter
Double Adapter
Attachment Blocks*



Prosthetic Adapters



Sach Foot

- Two different color options available (Beige and Brown).
- With separated toe.
- Enclosed heel bumper.

Code	Foot Size	Load Weight	Heel Height	Color
E 60-22L/R	22	100 kg	10 mm	Beige
E 60-23L/R	23	100 kg	10 mm	Beige
E 60-24L/R	24	100 kg	10 mm	Beige
E 60-25L/R	25	100 kg	10 mm	Beige
E 60-26L/R	26	100 kg	10 mm	Beige
E 60-27L/R	27	100 kg	10 mm	Beige
E 60-28L/R	28	100 kg	10 mm	Beige
E 60-29L/R	29	100 kg	10 mm	Beige

Code	Foot Size	Load Weight	Heel Height	Color
E 63-22L/R	22	100 kg	10 mm	Brown
E 63-23L/R	23	100 kg	10 mm	Brown
E 63-24L/R	24	100 kg	10 mm	Brown
E 63-25L/R	25	100 kg	10 mm	Brown
E 63-26L/R	26	100 kg	10 mm	Brown
E 63-27L/R	27	100 kg	10 mm	Brown
E 63-28L/R	28	100 kg	10 mm	Brown
E 63-29L/R	29	100 kg	10 mm	Brown



Dynamic Foot

- Manufactured with soft heel material and belt inside
- With separated toe.

Code	Foot Size	Load Weight	Heel Height	Side
E 62-22L/R	22	100 kg	10 mm	L/R
E 62-23L/R	23	100 kg	10 mm	L/R
E 62-24L/R	24	100 kg	10 mm	L/R
E 62-25L/R	25	100 kg	10 mm	L/R
E 62-26L/R	26	100 kg	10 mm	L/R
E 62-27L/R	27	100 kg	10 mm	L/R
E 62-28L/R	28	100 kg	10 mm	L/R
E 62-29L/R	29	100 kg	10 mm	L/R

Order Example

E 60 -23- RIGHT

Code Size Foot Type



Sach Foot and Dynamic Foot Adapter

- Complete with cap screw
- Foot adapter is used to connect the prosthetic foot to the distal connection of the modular prosthesis

Code	Screw	Material	Weight	Weight Limit
E 01s-M8	M8	Stainless Steel	110 gr	125 kg
E 01s-M10	M10	Stainless Steel	128 gr	125 kg



Code	Screw	Material	Weight	Weight Limit
E 01T-M8	M8	Titanium	86 gr	125 kg
E 01T-M10	M10	Titanium	98 gr	125 kg



Code	Screw	Material	Weight	Weight Limit
E 01AI-M8	M8	Aluminum	110 gr	100 kg
E 01AI-M10	M10	Aluminum	96 gr	100 kg

- This product has Aluminum body along with Titanium pyramid.

Order Example

Code	Material
E 01s-M10	Stainless Steel , M10 Screw
E 01T-M10	Titanium , M10 Screw
E 01AI-M10	Aluminum , M10 Screw

Accessory

Sach Foot Accessory (E 60 Mika)



- Made of Plastics
- Used with sach foot adapter

Code
E 60 mika



Prosthetic Adapters



E 61-22L

Single Axis Foot And Adapters

Single Axis Foot

Code	Foot Size	Load Weight	Heel Height	Side
E 61-22L/R	22	100 kg	10 mm	L/R
E 61-23L/R	23	100 kg	10 mm	L/R
E 61-24L/R	24	100 kg	10 mm	L/R
E 61-25L/R	25	100 kg	10 mm	L/R
E 61-26L/R	26	100 kg	10 mm	L/R
E 61-27L/R	27	100 kg	10 mm	L/R
E 61-28L/R	28	100 kg	10 mm	L/R
E 61-29L/R	29	100 kg	10 mm	L/R

Order Example

E 61-25-LEFT

| | |
Code Size Foot Type

Accessory

Modular Single Axis Foot Adapter (E 50s(22-25))



Order Example

Code	Material
E 50s(22-25)	Stainless Steel
E 50s(26-30)	
E 50T(22-25)	Titanium
E 50T(26-30)	
E 50Al(22-25)	Aluminum

Modular Single Axis Foot Accessory (E 61 Cup)



Code

E 61 Cup



E 50s(22-25)

Modular Single Axis Foot Adapter

- The Single Axis Foot Adapters are used for connection of the Single-Axis Feet with an adapter pyramid receiver.

Code	Size	Material	Weight	Weight Limit
E 50s(22-25)	22-25	Stainless Steel	311 gr	125 kg
E 50s(26-30)	26-30	Stainless Steel	326 gr	125 kg



E 50T(22-25)

Code	Size	Material	Weight	Weight Limit
E 50T(22-25)	22-25	Titanium	221 gr	125 kg
E 50T(26-30)	26-30	Titanium	230 gr	125 kg



E 50Al(22-25)

Code	Size	Material	Weight	Weight Limit
E 50Al(22-25)	22-25	Aluminum	215 gr	100 kg

- All bumpers are made by high quality Polyurethane.
- Titanium Single Axis Foot adapter is made by Titanium Hot Forging technology.

Accessory

Modular Single Axis
Foot Accessory (E 61 Cup)

- Made of Plastics
- Used with single axis foot adapter



Code	Size	Material
E 61cup-22	22 cm	plastic
E 61cup-23	23 cm	plastic
E 61cup-24	24 cm	plastic
E 61cup-25	25 cm	plastic
E 61cup-26	26 cm	plastic
E 61cup-27	27 cm	plastic
E 61cup-28	28 cm	plastic



Prosthetic Adapters



E 02s



E 02s-134 kg

Pyramid Receivers

4 Hole Adapter W/ Fixed Receiver

- The socket adapters are to be used for mounting onto the socket of the transfemoral and transtibial Prosthesis
- Used to connect different modular parts and socket attachment block

Code	Material	Weight	Weight Limit
E 02s	Stainless Steel	85 gr	100 kg
E 02s-134 kg	Stainless Steel	95 gr	134 kg



E 02T



E 02T-134 kg

Code	Material	Weight	Weight Limit
E 02T	Titanium	65 gr	100 kg
E 02T-134 kg	Titanium	80 gr	134 kg



E 02Al

Code	Material	Weight	Weight Limit
E 02Al	Aluminum	58 gr	100 kg

4 Hole Adapter W/ Rotating Receiver

- The socket adapters are to be used for mounting onto the socket of the transfemoral and transtibial Prosthesis
- Free rotation adjustment



E 02s-2

Code	Material	Weight	Weight Limit
E 02s-2	Stainless Steel	134 gr	125 kg



E 02T-2

Code	Material	Weight	Weight Limit
E 02T-2	Titanium	80 gr	125 kg



E 04s-Rs



E 04s-Ps



E 04T-RT



E 04T-PT



E 04-Al



E 02s-2D

Pyramid Receivers And Adapters

4 Hole Adapter W/Rotating Receiver W/M5x20 Screw

- Free rotation adjustment by thread

Code	Material	Weight	Weight Limit
E 04s-Rs	Stainless Steel	134 gr	125 kg
E 04s-Ps	Stainless Steel	130 gr	125 kg
E04Al	Aluminum	80 gr	100 kg
E 04T-RT	Titanium	85 gr	125 kg
E 04T-PT	Titanium	81 gr	125 kg

4 Hole Adapter W/Rotating Receiver W/ Tooth

- Threaded adapter.

Code	Material	Weight	Weight Limit
E 02s-2D	Stainless Steel	129 gr	125 kg



E 33s



E 34s

Slide Adapters

- For an additional translation movement between prosthetic socket and tube adapter, even if the prosthesis is already in place.
- With pyramid receiver
- With 30mm diameter tube receiver

Code	Material	Weight	Weight Limit
E 33s	Stainless Steel	284 gr	100 kg
E 33T	Titanium	175 gr	100 kg
E 34s	Stainless Steel	326 gr	100 kg
E 34T	Titanium	206 gr	100 kg

- Both ends with pyramid receiver.



Prosthetic Adapters



E 03s-134 kg

E 03s



E 03s-4-134 kg

E 03s-4



E 03T-134 kg

E 03T



E 03T-4-134 kg

E 03T-4

Pyramid Adapters

4 Hole Adapter W/Fixed Pyramid

- Used to connect different modular parts and socket attachment blocks
- With pyramid and hole trough pyramid

Code	Material	Weight	Weight Limit
E 03s	Stainless Steel	93 gr	100 kg
E 03s-134 kg	Stainless Steel	118 gr	134 kg
E 03s-4	Stainless Steel	74 gr	100 kg
E 03s-4-134 kg	Stainless Steel	84 gr	134 kg

Code	Material	Weight	Weight Limit
E 03T	Titanium	56 gr	100 kg
E 03T-134 kg	Titanium	70 gr	134 kg
E 03T-4	Titanium	46 gr	100 kg
E 03T-4-134 kg	Titanium	60 gr	134 kg



E 03Al



Code	Material	Weight	Weight Limit
E 03Al	Aluminum	63 gr	100 kg

- This Product has Aluminum body along with Titanium Pyramid



4 Prong Socket Adapter W/Center Hole

- For direct lamination onto BK socket
- With pyramid hole trough pyramid and lamination anchor
- All socket adapters comes with its cushion dummy

Code	Material	Weight	Weight Limit
E 12s	Stainless Steel	90 gr	100 kg
E 12s-134 kg	Stainless Steel	110 gr	134 kg



Titanium Hot Forging

Code	Material	Weight	Weight Limit
E 12T	Titanium	66 gr	134 kg

- This Product is produced by Titanium forging technology.



With
Titanium
Pyramid

Code	Material	Weight	Weight Limit
E 12Al	Aluminum	71 gr	100 kg

- This Product has Aluminum Body Along with Titanium Pyramid.



E58 Interim AK Socket Adapter

- Temporary (Interim) Socket Adapter tool which helps to make alignment on the patient.

Code	Material	Qty.
E 58	Stainless Steel Aluminum	1 Body & 2 Bars



Prosthetic Adapters



E 13s

4 Prong Socket Adapter Large

- For direct lamination onto BK socket
- With pyramid hole trough pyramid and lamination anchor
- Adapter diameter is 72 mm.

Code	Material	Weight	Weight Limit
E 13s	Stainless Steel	108 gr	125 kg



E 03s-2

4 Hole Adapter W/Rotating Pyramid

- Used to connect different modular parts and socket attachment blocks
- With pyramid and hole trough pyramid
- Rotatable

Code	Material	Weight	Weight Limit
E 03s-2	Stainless Steel	120 gr	125 kg



E 03T-2

Code	Material	Weight	Weight Limit
E 03T-2	Titanium	74 gr	125 kg



E 03s-ECC-A

Eccentric 4 Hole Adapter Axial /Diagonal

- The eccentric arrangement of the pyramid offers a sliding adjustment of the prosthetic socket

Code	Material	Weight	Weight Limit
E 03s-ECC-A	Stainless Steel	105 gr	125 kg
E 03T-ECC-A	Titanium	62 gr	125 kg

- Axially offset by 5 mm.



E 03s-ECC-D

Code	Material	Weight	Weight Limit
E 03s-ECC-D	Stainless Steel	110 gr	125 kg
E 03T-ECC-D	Titanium	62 gr	125 kg

- Diagonal offset by 5 mm.



Rotatable & Sliding Adjustment Adapter

- Allows easy adjustment by rotating and sliding at the same time
- Capable to rotate 360° and slide 11 mm at maximum range
- Thanks to its short length, allows the easy alignment and saves extra places
- Can be attached directly to the following socket adapters:



Code	Material	Weight	Weight Limit
E 35s	Stainless Steel	190 gr	100 kg
E 36s	Stainless Steel	235 gr	100 kg
E 35T	Titanium	115 gr	100 kg
E 36T	Titanium	144 gr	100 kg



Rotating 4 Hole Adapter W/Fixed Pyramid

- With pyramid
- Hole through pyramid

Code	Material	Weight	Weight Limit
E 30s	Stainless Steel	108 gr	125 kg
E 30T	Titanium	58 gr	125 kg



Rotating 4 Hole Adapter W/Fixed Receiver

- With pyramid receiver

Code	Material	Weight	Weight Limit
E 31s	Stainless Steel	111 gr	125 kg
E 31T	Titanium	68 gr	125 kg

Prosthetic Adapters

Tube Assembly

- Tube adapters are used as components for modular lower limb prostheses. They connect the prosthetic foot to the proximal components. Adapter combinations allow for controlled angle and length adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation
- Available lengths 250mm-400mm



E 05s-250

Code	Lentgh	Material	Weight	Weight Limit
E 05s-250	250	Stainless Steel	207 gr	100 kg
E 05s-400	400	Stainless Steel	272 gr	100 kg
E 05s-400-134 kg	400	Stainless Steel	285 gr	134 kg
E 05s-250-134 kg	250	Stainless Steel	236 gr	134 kg



E 05T-250

Code	Lentgh	Material	Weight	Weight Limit
E 05T-250	250	Titanium	167 gr	100 kg
E 05T-400	400	Titanium	230 gr	100 kg
E 05T-400-134 kg	400	Titanium	245 gr	134 kg
E 05T-250-134 kg	250	Titanium	197 gr	134 kg



E 05AI-250

Code	Lentgh	Material	Weight	Weight Limit
E 05AI-250	250	Aluminum	188 gr	100 kg
E 05AI-400	400	Aluminum	270 gr	100 kg



E05s-250-Dia34

Diameter 34 Tube Assembly

- Outer diameter is 34 mm.
- Limit weight is 134 kg.

Code	Lentgh	Material	Weight	Weight Limit
E05s-250-Dia34	250	Stainless Steel	270 gr	134 kg
E05s-400-Dia34	400	Stainless Steel	350 gr	134 kg
E05T-250-Dia34	250	Titanium	215 gr	134 kg
E05T-400-Dia34	400	Titanium	300 gr	134 kg



10d – 20d Angled Tube Assembly

- 10° - 20° tilted pyramid receiver adapter
- Available in Stainless steel and Titanium
- Available lengths 250mm-400mm

10° Tilted

Code	Lentgh	Material	Weight	Weight Limit
E05s-10D-250	250	Stainless Steel	212 gr	125 kg
E05s-10D-400	400	Stainless Steel	276 gr	125 kg
E05T-10D-250	250	Titanium	170 gr	125 kg
E05T-10D-400	400	Titanium	233 gr	125 kg



20° Tilted

Code	Lentgh	Material	Weight	Weight Limit
E05s-20D-250	250	Stainless Steel	241 gr	125 kg
E05s-20D-400	400	Stainless Steel	306 gr	125 kg
E05T-20D-250	250	Titanium	186 gr	125 kg
E05T-20D-400	400	Titanium	251 gr	125 kg



Aluminum Tubes

- Available weight limits: 125 kg, 134 kg
- Available Lengths: 350 mm, 400 mm, 450 mm, 500 mm

Code	Material	Weight	Weight Limit	Diameter
Al350	Al-tube 350mm	162 gr	125 kg	30x2,5
Al400	Al-tube 400mm	186 gr	125 kg	30x2,5
Al450	Al-tube 450mm	210 gr	125 kg	30x2,5
Al500	Al-tube 500mm	232 gr	125 kg	30x2,5
Al400-Dia34	Al-tube 400mm	230 gr	134 kg	34x2
Al250-Dia34	Al-tube 250mm	155 gr	134 kg	34x2



Prosthetic Adapters

Tube Clamp Adapters

- One end with pyramid receiver
- Other end with 30 mm diameter tube receiver
- Tube clamp adapters are used as components for modular lower limb prostheses. Together with the tube adapter they connect the prosthetic foot to the proximal components. Adapter combinations allow for controlled angle and length adaptation in the sagittal and frontal plane as well as adjustment of inward and outward rotation.



Code	Material	Weight	Weight Limit
E 07s	Stainless Steel	106 gr	100 kg
E 07s-134 kg	Stainless Steel	114 gr	134 kg
E 07T	Titanium	60 gr	100 kg
E 07T-134 kg	Titanium	64 gr	134 kg
E 07AI	Aluminum	76 gr	100 kg

Special Tube Clamp Adapters

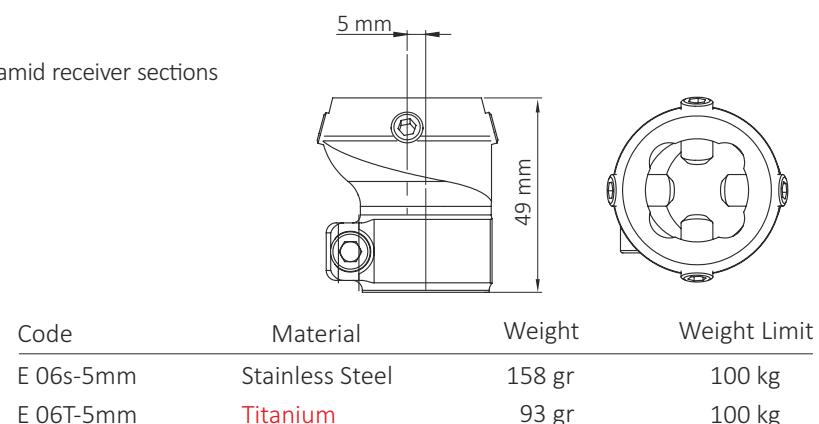


Code	Material	Weight	Weight Limit
E 06s	Stainless Steel	115 gr	100 kg
E 06T	Titanium	74 gr	125 kg

Short Type

5 mm Offset- Tube Adapter

- There is a 5 mm offset between tube center and pyramid receiver sections





Angled Tube Clamp Adapters



Code	Material	Weight	Weight Limit
E 07s-10D	Stainless Steel	132 gr	125 kg
E 07T-10D	Titanium	82 gr	125 kg
E 07s-20D	Stainless Steel	167 gr	125 kg
E 07T-20D	Titanium	102 gr	125 kg



Diameter 34 Tube Clamp Adapters

Code	Material	Weight	Weight Limit
E 07s-Dia34	Stainless Steel	150 gr	134 kg
E 07T-Dia34	Titanium	95 gr	134 kg

Tube Adapter W/Receiver

- Connection adapters provide the connection between a tube clamp and a pyramid adapter. They differ in diameter, in length, and in the connection.



Code	Material	Weight	Weight Limit
E 57s-32	Stainless Steel	96 gr	100 kg
E 57s-60	Stainless Steel	155 gr	100 kg
E 57T-32	Titanium	60 gr	100 kg
E 57T-60	Titanium	95 gr	100 kg

Prosthetic Adapters



Lamination Anchors

Socket Adapters

- Lamination anchors are laminated into a prosthetic socket. They serve to connect the prosthetic socket to the distal prosthetic component.



Code	Material	Weight	Weight Limit
E 09s-Body	Stainless Steel	105 gr	125 kg
E 10s-Body	Stainless Steel	74 gr	125 kg

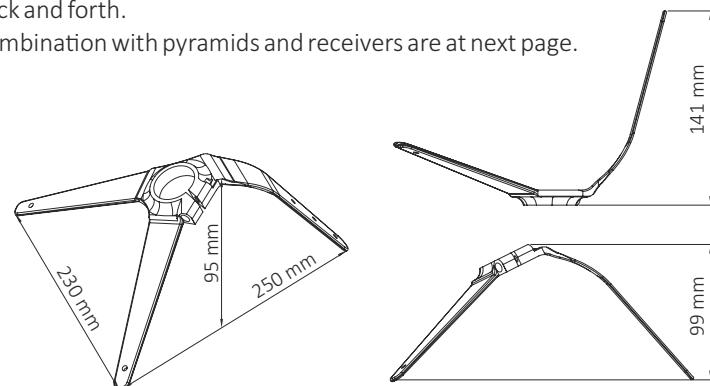
Fixed Pyramid Socket Adapters

- Hardness of pyramid section kept high to handle screw pressure. On the other hand, Hardness of the prongs has been reduced by heat treatment, it can therefore be bent back and forth.

Code	Material	Weight	Weight Limit
E 11s	Stainless Steel	138 gr	125 kg

Large Type Socket Adapters

- This 3 prong socket adapter is specially designed for big stumps. Size of the adapter is three times bigger than regular socket adapter.
- Thanks to its material, even though the big prongs, it's easy to bend them back and forth.
- Combination with pyramids and receivers are at next page.



Code	Material	Weight	Weight Limit
E 09s-Large Body	Stainless Steel	275 gr	134 kg



Rotatable Pyramids

- The pyramid with threaded connector is available as an individual component of lamination anchor.

Code	Material	Weight	Weight Limit
Ps-Short	Stainless Steel	60 gr	125 kg
Ps-Short-134 kg	Stainless Steel	66 gr	134 kg
PT-Short	Titanium	35 gr	125 kg



3 And 4 Prong Socket Adapter W/Rotating Pyramid

Code	Material	Weight	Weight Limit
E 09s-Ps	Stainless Steel / Stainless Steel	165 gr	125 kg
E 09s-PT	Stainless Steel / Titanium	140 gr	125 kg



Code	Material	Weight	Weight Limit
E 10s-Ps	Stainless Steel / Stainless Steel	134 gr	125 kg
E 10s-PT	Stainless Steel / Titanium	109 gr	125 kg



Code	Material	Weight	Weight Limit
E 09s-Large Body-Ps	Stainless Steel / Stainless Steel	340 gr	134 kg



Prosthetic Adapters



Rotatable Receivers

- The pyramid receiver with threaded connector is available as an individual component of lamination anchor

Code	Material	Weight	Weight Limit
Rs-Short	Stainless Steel	70 gr	125 kg
Rs-Short-134 kg	Stainless Steel	88 gr	134 kg
RT-Short	Titanium	40 gr	125 kg



3 And 4 Prong Socket Adapter W/Rotating Receivers

Code	Material	Weight	Weight Limit
E 09s-Rs	Stainless Steel / Stainless Steel	175 gr	125 kg
E 09s-RT	Stainless Steel / Titanium	145 gr	125 kg



Code	Material	Weight	Weight Limit
E 10s-Rs	Stainless Steel / Stainless Steel	144 gr	125 kg
E 10s-RT	Stainless Steel / Titanium	114 gr	125 kg



Code	Material	Weight	Weight Limit
E 09s-Large Body-Rs	Stainless Steel / Stainless Steel	363 gr	134 kg



Long Rotatable Pyramids and Receivers

- The pyramid and pyramid receiver with threaded connector is available as an individual component of lamination anchor

Code	Material	Weight	Weight Limit
Ps-Long	Stainless Steel	180 gr	125 kg
Rs-long	Stainless Steel	190 gr	125 kg
PT-Long	Titanium	107 gr	125 kg
RT-long	Titanium	110 gr	125 kg



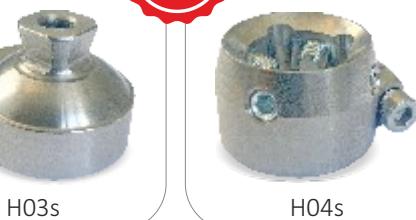
3 Prong Socket Adapter W/Rotating Pyramid and Receiver

Code	Material	Weight	Weight Limit
E 09s-Ps-Long	Stainless Steel / Stainless Steel	285 gr	125 kg
E 09s-PT-Long	Stainless Steel / Titanium	212 gr	125 kg
E 09s-Rs-long	Stainless Steel / Stainless Steel	295 gr	125 kg
E 09s-RT-long	Stainless Steel / Titanium	215 gr	125 kg



M36 Thread with Pyramid Receiver

Code	Material	Weight	Weight Limit
E 37s	Stainless Steel	65 gr	125 kg
E 37T	Titanium	40 gr	125 kg



Pyramid Adapter with M36 Inner Thread

Code	Material	Weight	Weight Limit
H03s	Stainless Steel	130 gr	125 kg
H04s	Stainless Steel	120 gr	125 kg
H03T	Titanium	80 gr	125 kg
H04T	Titanium	70 gr	125 kg

Prosthetic Adapters

8 Screw Double Adapter

- The double adapters are used to connect two pyramid adapters. The pyramid receivers make it possible to make distal and proximal angle adjustments in the frontal and sagittal planes

Dual adapter is available in different sizes



Code	Height	Material	Weight	Weight Limit
E 15s-32	32 mm	Stainless Steel	130 gr	125 kg
E 15s-45	45 mm	Stainless Steel	148 gr	125 kg
E 15s-60	60 mm	Stainless Steel	167 gr	125 kg
E 15s-75	75 mm	Stainless Steel	185 gr	125 kg



Code	Height	Material	Weight	Weight Limit
E 15T-32	32 mm	Titanium	86 gr	125 kg
E 15T-45	45 mm	Titanium	98 gr	125 kg
E 15T-60	60 mm	Titanium	110 gr	125 kg
E 15T-75	75 mm	Titanium	120 gr	125 kg



Code	Height	Material	Weight	Weight Limit
E 15AI-32	32 mm	Aluminum	85 gr	100 kg
E 15AI-45	45 mm	Aluminum	102 gr	100 kg
E 15AI-60	60 mm	Aluminum	112 gr	100 kg
E 15AI-75	75 mm	Aluminum	120 gr	100 kg



Double Adapter

Double Adapter Pyramid/Pyramid

- The Double Adapters provide the connection between two prosthetic components with pyramid receiver



Code	Material	Weight	Weight Limit
E 18s	Stainless Steel	134 gr	125 kg
E 18T	Titanium	77 gr	125 kg
E 18Al	Aluminum	75 gr	100 kg

- E 18Al product has aluminum body along with titanium pyramid.

Double Adapter Pyramid/Receiver

- The double adapter features a pyramid adapter and pyramid receiver. It serves as a connector between prosthetic components. Proximal and distal angle adjustments are possible in the frontal and sagittal planes.



Code	Height	Material	Weight	Weight Limit
E 21s-32	32 mm	Stainless Steel	105 gr	125 kg
E 21s-34	34 mm	Stainless Steel	108 gr	125 kg
E 21s-45	45 mm	Stainless Steel	124 gr	125 kg
E 21s-60	60 mm	Stainless Steel	165 gr	125 kg
E 21s-75	75 mm	Stainless Steel	178 gr	125 kg



Code	Height	Material	Weight	Weight Limit
E 21T-32	32 mm	Titanium	69 gr	125 kg
E 21T-34	34 mm	Titanium	70 gr	125 kg
E 21T-45	45 mm	Titanium	83 gr	125 kg
E 21T-60	60 mm	Titanium	100 gr	125 kg
E 21T-75	75 mm	Titanium	113 gr	125 kg

Prosthetic Adapters



Attachment Blocks

Socket Attachment Blocks

- The socket attachment blocks are bonded to the distal end of the prosthetic socket and then laminated together with it. They serve to connect the prosthetic socket to a socket adapter.

Code	Material	Weight	Weight Limit
E 20Thick	Plastik/wood	335 gr	125 kg
E 20Thin	Plastik/wood	207 gr	125 kg

Plastic Attachment Blocks

- Available diameters for Product; 75-80-85-90
- The socket attachment blocks are bonded to the distal end of the prosthetic socket and then laminated together with it. They serve to connect the prosthetic socket to a socket adapter.

Code	Material	Weight	Weight Limit
E 19-75	Delrin	51 gr	100 kg
E 19-80	Delrin	53 gr	100 kg
E 19-85	Delrin	55 gr	100 kg
E 19-90	Delrin	57 gr	100 kg

Metalic Attachment Blocks

- Available diameters for Product; 66-78-88
- The Modular Adapter is suitable for transtibial [below-knee] and transfemoral (above-knee) prostheses. It is used to create a detachable connection between thermoplastic sockets or frames and the Modular System components.

Code	Material	Weight	Weight Limit
E 90 Sanis	Stainless Steel	98 gr	100 kg
E 91-66	Aluminum	123 gr	100 kg
E 91-78	Aluminum	138 gr	100 kg
E 91-88	Aluminum	180 gr	100 kg



Knee Joints

Knee Joints



E 40

Single Axis Knee W/Lock Rotating Pyramid

- Uniaxial monocentric locked knee joint
- Made of aluminum material
- Provides 175 degrees of flexion
- Rotation pyramid
- Wire at front of the knee joint

Code	Material	Weight	Weight Limit
E 40	Aluminum	360 gr	100 kg



E 48

Single Axis Knee W/Manuel Lock And Rot. Pyramid W/Sided Wire

- Uniaxial monocentric locked knee joint
- Made of aluminum material
- Provides 160 degrees of flexion
- Rotation pyramid
- Wire at side of the knee joint

Code	Material	Weight	Weight Limit
E 48	Aluminum	347 gr	100 kg



Single Axis Knee W/Manuel Lock

- High stance phase stability
- Rotation is available at the pyramid section
- Rigid and safe locking mechanism
- This Knee Joint is suitable for Prong connection for Disarticulation, Pyramid connection and M36 socket adapter connection
- Can be unlocked without cable, with the hand click as well



+



E 41-Prong Con.



E 41-One Prong



E 41-Adapter



E 41-Pyramid



E 41-Wire



E 47



E 41

- With Prong connection for Disarticulation

- With Pyramid Connection

Code	Material	Weight	Weight Limit
E 41	Aluminum	433 gr	100 kg
E 41-Adapter	Aluminum	45 gr	100 kg
E 41-Pyramid	Stainless Steel	84 gr	100 kg
E 41-Prong Con.	Stainless Steel	95 gr	100 kg
E 41-One Prong	Stainless Steel	140 gr	100 kg
E 41-Body	Stainless Steel	220 gr	100 kg
E 41-Wire	Stainless Steel	98 gr	100 kg
E 47	Aluminum	579 gr	100 kg

Knee Joints



E 42s

Single Axis Friction Knee

- For patients requiring a high degree of stability
- Medium functional level
- High stance phase stability
- Medium swing phase control

Code	Material	Weight	Weight Limit
E 42s	Stainless Steel	485 gr	100 kg
E 42T	Titanium	376 gr	100 kg



E 42-EXT

E42 Extension Assist W/Plastic Cover W/Wire

- Extension articulation of the frictional knee piece.

Code	Weight
E 42-EXT	118 gr.



E 43s

Single Axis Knee

- High stance phase stability
- Monocentric
- With lock and spring extension assist
- No swing phase control

Code	Material	Weight	Weight Limit
E 43s	Stainless Steel	540 gr	125 kg
E 43T	Titanium NEW	420 gr	125 kg



With
Titanium
Pyramid

E 49AI

Single Axis Knee W/Manuel Lock Aluminum

- For trans-femoral amputees
- Low functional level
- High stance phase stability
- No swing phase control
- Not recommended for patients with a medium and higher activity level

Code	Material	Weight	Weight Limit
E 49AI	Aluminum	350 gr	100 kg



E 53s

Polycentric Knee Joint

- For trans-femoral amputees
- Medium functional level
- Medium stance phase stability
- Medium swing phase control
- Can be used also for hip disarticulation
- Not recommended for patients with a higher activity level

Code	Material	Weight	Weight Limit
E 53s	Stainless Steel	700 gr	100 kg
E 53T	Titanium NEW	516 gr	100 kg



NEW
PRODUCTION!

E53s-D

Polycentric Knee for Disarticulation

- Swing phase adjustable
- Medium functional level
- Medium stance phase stability
- With self socket adapter, easy to apply on socket

Code	Material	Weight	Weight Limit
E53s-D	Stainless Steel	750 gr	100 kg



ROT

Rotation Adapter

- This adapter significantly improves comfort of the user by rotating the prosthesis when needed. Such as while driving or putting on the shoes or changing the socks
- Has ability to turn 360° totally
- Automatically re-locks
- Titanium and Stainless Steel versions are available

Code	Material	Weight	Weight Limit
ROT	Titanium	195 gr	125 kg
ROS	Stainless Steel	280 gr	125 kg



E 45T

Disarticulation Knee

- For knee disarticulation amputees
- Medium stance phase stability
- Medium swing phase control

Code	Material	Weight	Weight Limit
E 45s	Stainless Steel	900 gr	100 kg
E 45T	Titanium	660 gr	100 kg



E 46s

Disarticulation Knee W/Manual Lock

- For knee disarticulation amputees
- High stance phase stability
- No swing phase control

Code	Material	Weight	Weight Limit
E 46s	Stainless Steel	900 gr	100 kg



Silicone Liners & Locks System

*Silicone Liners
Gel Liners
Locks
Active Vacuum Unit & Valves*



Silicone Liner with
Distal Connector



Silicone Liner without
Distal Connector

SILICONE LINER SYSTEMS

Specifications

- Made from Medical Grade Silicone Material.
- The silicones used have been tested for biocompatibility according to DIN EN ISO 10993-5 and DIN EN ISO 10993-10.
- High adhesion between liner and the skin.
- Seamless Fabric Cover.
- 3 mm uniform thickness.
- 2 different fabric cover has been used on outside. The fabric cover around the distal end has special "matrix" which prevents vertical stretch thus prevents the "pistoning movement".
- Perfect Pressure distribution.
- Suitable for nearly all locking devices.

Code	Color	Distal Circumference
SL-10-18	Grey	18 cm
SL-10-20	Grey	20 cm
SL-10-21	Grey	21 cm
SL-10-22	Grey	22 cm
SL-10-23,5	Grey	23,5 cm
SL-10-25	Grey	25 cm
SL-10-26,5	Grey	26,5 cm
SL-10-28	Grey	28 cm
SL-10-30	Grey	30 cm
SL-10-32	Grey	32 cm
SL-10-34	Grey	34 cm
SL-10-36	Grey	36 cm
SL-10-38	Grey	38 cm
SL-10-40	Grey	40 cm
SL-10-42	Grey	42 cm
SL-10-45	Grey	45 cm

Code	Color	Distal Circumference
SL-18	Grey	18 cm
SL-20	Grey	20 cm
SL-21	Grey	21 cm
SL-22	Grey	22 cm
SL-23,5	Grey	23,5 cm
SL-25	Grey	25 cm
SL-26,5	Grey	26,5 cm
SL-28	Grey	28 cm
SL-30	Grey	30 cm
SL-32	Grey	32 cm
SL-34	Grey	34 cm
SL-36	Grey	36 cm
SL-38	Grey	38 cm

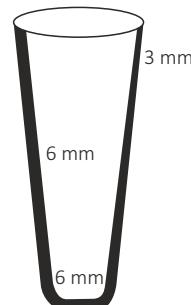
Silicone Liners



GEL LINER SYSTEMS

Specifications

- Made from Medical Grade TPE Gel Material
- The Gel Material used have been tested for biocompatibility according to DIN EN ISO 10993-5 and DIN EN ISO 10993-10.
- Non-uniform Gel Thickness (3 mm Posterior and 6 mm Anterior).
- With and without Distal Connector systems are available.



Gel Liner with
Distal Connector

	S	M	L	XL
40 cm	23-37 cm	27-43 cm	37-59 cm	40-64 cm
30 cm	21-34 cm	25-40 cm	32-51 cm	36-58 cm
20 cm	19-30 cm	24-38 cm	28-45 cm	34-54 cm
10 cm	18-29 cm	22-35 cm	25-40 cm	30-48 cm
4 cm	16-25 cm	20-32 cm	21-33 cm	26-41 cm



Gel Liner without
Distal Connector

Code	Size	Thickness
GL-S-6-10	S	6 mm to 3 mm
GL-M-6-10	M	6 mm to 3 mm
GL-L-6-10	L	6 mm to 3 mm
GL-XL-6-10	XL	6 mm to 3 mm



Code	Size	Thickness
GL-S-6	S	6 mm to 3 mm
GL-M-6	M	6 mm to 3 mm
GL-L-6	L	6 mm to 3 mm
GL-XL-6	XL	6 mm to 3 mm



SUSPENSION SLEEVES

Specifications

- Made from Medical Grade TPE Gel Material.
- The Gel Material used have been tested for biocompatibility according to DIN EN ISO 10993-5 and DIN EN ISO 10993-10.
- 3 mm uniform thickness.
- Total length of the sleeve is around 340 mm.



Gel Suspension Sleeve

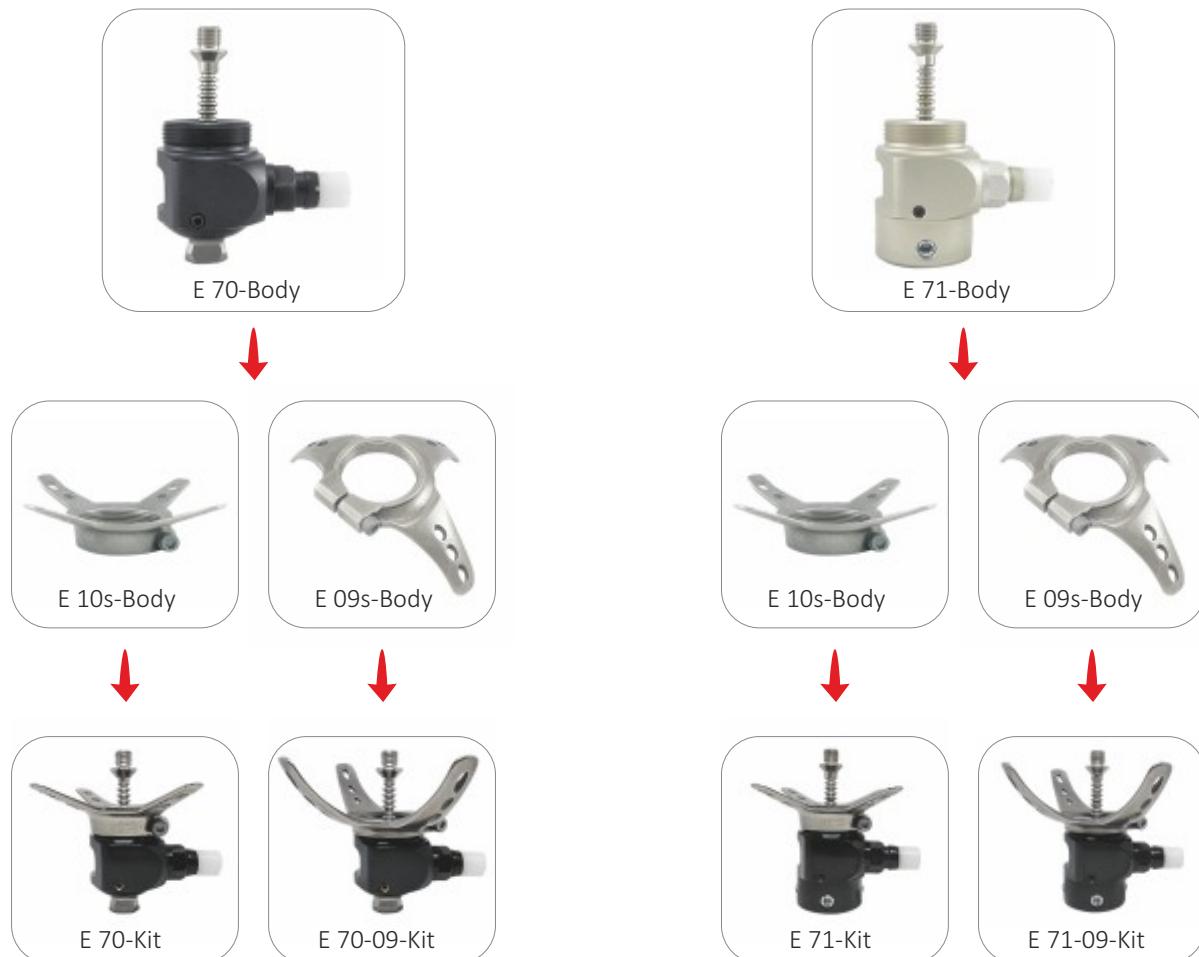
Code	Size	Lower Circumference	Top Circumference
KP-S	S	15-22 cm	23-34 cm
KP-M	M	21-30 cm	29-43 cm
KP-MP	MP	24-35 cm	33-47 cm
KP-L	L	28-42 cm	36-51 cm
KP-LP	LP	31-46 cm	39-55 cm



Lock Systems

Shuttle Locks

The Shuttle Lock is used to connect the liner to the modular prosthetic socket and provides connection to the distal section of the socket. The Pin enters the Shuttle slot and can be locked or unlocked via the locking pin of the locking mechanism.



Code	Material	Weight	Weight Limit	Code	Material	Weight	Weight Limit
E 70-Body	Aluminum	204 gr	125 kg	E 71-Body	Aluminum	230 gr	125 kg
E 70-Kit	Aluminum	284 gr	125 kg	E 71-Kit	Aluminum	308 gr	125 kg
E 70-09-Kit	Aluminum	314 gr	125 kg	E 71-09-Kit	Aluminum	333 gr	125 kg

Accessory





Shuttle Lock

- The Shuttle-Lock is used to connect the prosthetic socket of a transtibial or transfemoral prosthesis to the socket liner and is integrated into the laminated socket during the lamination process. A release button on the ratchet unit can be used to unlock the Pin from the Shuttle-Lock
- Rotation secured lamination disc, 4-hole connection provides distally easy cleaning and replacing of complete locking unit



E73-Disk



E73-Body

Code	Material	Weight	Weight Limit	Code	Material	Weight	Weight Limit
E 73-Disk	Aluminum	78 gr	100 kg	E 73-Body	Aluminum	128 gr	100 kg



E73-Kit

Code	Material	Weight	Weight Limit
E 73-Kit	Aluminum	254 gr	100 kg



E72-36

Shuttle Lock W/ Receiver

- Available diameters for E72; Ø=36mm , 50mm
- The shuttle lock serves to secure a suitable liner in the prosthetic socket. The shuttle lock is laminated distally into the prosthetic socket.

Code	Material	Weight	Weight Limit
E 72-36	Delrin	77 gr	100 kg



E72-50

Code	Material	Weight	Weight Limit
E 72-50	Delrin	91 gr	100 kg



Vacuum Systems

NEW



VAC-100-30



VAC-100-RR

Active Vacuum Unit & Valves

Active Vacuum Unit

The vacuum unit is designed to generate an elevated vacuum between user's liner and the socket to prevent pistonning movement and grip the stump firmly. To do this, there should be a sealed environment between user's liner and the socket. Once the environment is sealed, which is compressed and released during normal walking, the vacuum unit draws air from the socket through one-way valves and evacuates it through the pump. So vacuum unit, discharges the air in this sealed environment on every step of user. After multiple steps of the user, 15 in.Hg (around 0.5 bar) is created in the sealed socket environment.

Features

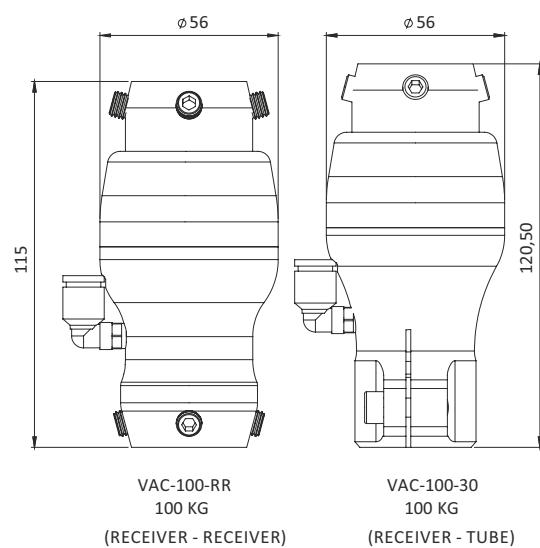
- Discharging the air between the socket and the liner on every step of user
- Prevents pistonning and keeps the prosthesis firmly on user.
- Absorbs high reaction forces of the ground (Absorbs impact forces)
- Increases comfort of the user
- Has free rotating connector to easily adjust air suction hose

Connection Type: Pyramid Receiver & Tube Clamp

Code	Material	Weight Limit	Tube Diameter
VAC-60-30	Aluminum	60 kg	30
VAC-75-30	Aluminum	75 kg	30
VAC-100-30	Aluminum	100 kg	30
VAC-125-34	Aluminum	125 kg	34

Connection Type: Pyramid Receiver & Pyramid Receiver

Code	Material	Weight Limit	Connection Type
VAC-60-RR	Aluminum	60 kg	Receiver & Receiver
VAC-75-RR	Aluminum	75 kg	Receiver & Receiver
VAC-100-RR	Aluminum	100 kg	Receiver & Receiver





VAC-200

Valves

Automatic Flat Rubber Valve (VAC-200)

- Automatic one way valve
- With thumb flap

Code	Material	Outside Diameter
VAC-200	Rubber	40 mm



VAC-200-EXT

Connection Tube With Seat Ring

- For valves having an outside diameter of 40 mm

Code	Material	Outside Diameter
VAC-200-EXT	Rubber	40 mm



VAC-300

One-way Valve (VAC-300)

- This valve enables the expulsion of excessive air out of the socket during stance phase and effectively prevents air from flowing in during swing phase
- Consisting of:
Valve body of anodized aluminum
Exchangeable sealing lip valve
Counter nut with o-ring
Foam filter insert

Code	Material	Outside Diameter
VAC-300	Aluminum	25 mm



NEW

EPS-VALVE

- Expulsion Valve with a button
- One way air discharge
- Aluminum anodized body

Code	Material	Weight
EPS-Valve	Aluminum body	10 gr



Components for Children

Components for Children



E60-Children

Children Sach Foot

- Small size Sach Foot products with fingers.
- With separate toe.

Code	Size	Load Weight	Heel Height
E 60-14L/R	14	60 kg	10 mm
E 60-15L/R	15	60 kg	10 mm
E 60-16L/R	16	60 kg	10 mm
E 60-17L/R	17	60 kg	10 mm
E 60-18L/R	18	60 kg	10 mm
E 60-19L/R	19	60 kg	10 mm
E 60-20L/R	20	60 kg	10 mm
E 60-21L/R	21	60 kg	10 mm



E 01Al-C

Sach Foot Adapter for Children

Code	Material	Weight	Weight Limit
E 01Al-C	Aluminum	50 gr	45 kg



E 05Al-C

Tube Adapter for Children

Code	Material	Weight	Weight Limit
E 05Al-C	Aluminum	125 gr	45 kg



E 07Al-C

Tube Clamp Adapter for Children

Code	Material	Weight	Weight Limit
E 07Al-C	Aluminum	65 gr	45 kg

Components for Children



E 12AI-C

Socket Adapter for Children

Code	Material	Weight	Weight Limit
E 12AI-C	Aluminum	35 gr	45 kg



E 02AI-C

Socket Adapter with Adjustment Screws for Children

Code	Material	Weight	Weight Limit
E 02AI-C	Aluminum	40 gr	45 kg



E 20-C

Socket Attachment Block for Children

Code	Material	Weight	Weight Limit
E 20-C	Plastic	85 gr	45 kg



E 08AI-C

Angled Tube Clamp Adapter for Children

Code	Material	Weight	Weight Limit
E 08AI-C	Aluminum	55 gr	45 kg



E 80

Knee Joints for Children

Single Axis Knee Joint with Lock

- Monocentric Knee Joint for Child with Lock
- Totally Aluminum Body
- 145° Flexion Angle
- Distal Connection: Dia.22mm Tube

Code	Material	Weight	Weight Limit
E 80	Aluminum	150 gr	45 kg



E 81

Single Axis Knee Joint with Adjustable Extension Assist Mechanism

- Monocentric Knee Joint for Child with Adjustable Extension Mechanism
- Totally Aluminum Body
- 145° Flexion Angle
- Distal Connection: Dia.22mm Tube

Code	Material	Weight	Weight Limit
E 81	Aluminum	170 gr	45 kg



Foam Covers & Materials



E 65

Plastozot Foam Cover

- It is a PLATOZOT structure
- The covers for modular transtibial prostheses have a 30 mm drill hole diameters and are not pre-shaped. They can be applied to either the left or right side.

Code	Material	Diameter
E 65	Foam	30 mm

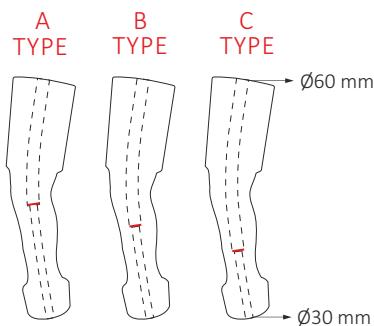


E 66

AK Foam Cover

- Height is 85 cm
- The covers for modular transfemoral prostheses have a stepped center hole and are pre-shaped.

Code	Side	Material	Length	Calf Diameter
E 66-36	L/R	Foam	85	36 cm
E 66-40	L/R	Foam	85	40 cm
E 66-44	L/R	Foam	85	44 cm
E 66c	L/R	Foam		For children



Order Example

E 66-40L-B TYPE

Foam Covers & Materials



E 67

BK Foam Cover

- Height is 50 cm
- The covers for modular transtibial prostheses have a 30 mm drill hole diameters and are not pre-shaped. They can be applied to either the left or right side.

Code	Material	Diameter
E 67	Foam	30 mm
E 67c	Foam	30 mm



E 68

DK Foam Cover

- Height is 65 cm.
- The covers for modular transfemoral prostheses have a stepped center hole and are pre-shaped.

Code	Material	Side
E 68-36	Foam	L/R
E 68-40	Foam	L/R
E 68-44	Foam	L/R

Order Example

E 68-40L



M01 Stockinette

M01 Perlon Stockinette

- General use stockinette for fabricating laminates and reinforcing sockets
- Knitted and finely meshed fabric
- Good stretching properties

Code	Diameter	Packing Weight
M01-6	6 cm	1 Kg
M01-8	8 cm	1 Kg
M01-10	10 cm	1 Kg
M01-12	12 cm	1 Kg
M01-15	15 cm	1 Kg



M02

M02 Stump Sock with Pin hole

- Soft and cushion stump sock with pin hole
- Made by Cotton

Code	Length	Diameter	Material	Packing Quantity
M02-35	35 cm	7 cm	Cotton	24 Pieces
M02-50	50 cm	7 cm	Cotton	24 Pieces

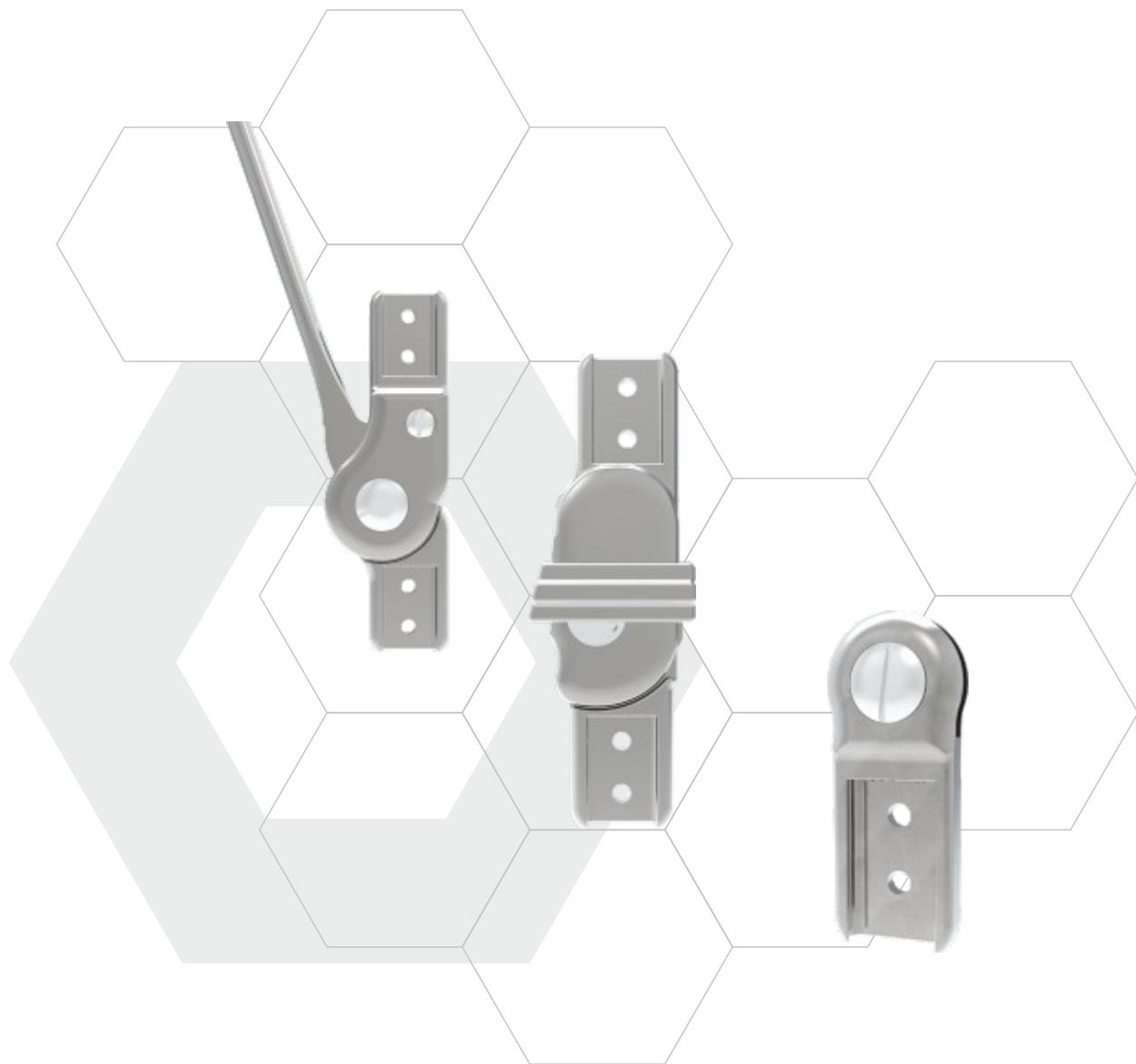


M03

M03 Stump Sock

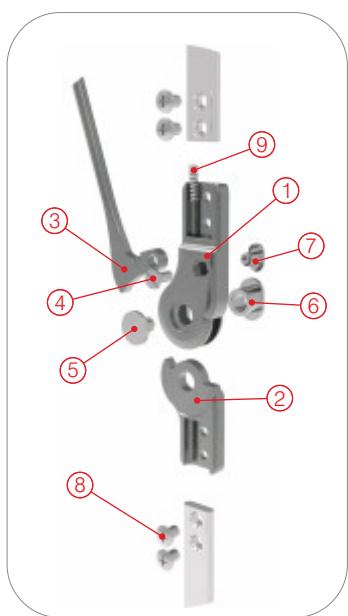
- Soft and cushion stump sock without pin hole
- Made by Cotton

Code	Length	Diameter	Material	Packing Quantity
M03-35	35 cm	7 cm	Cotton	24 Pieces
M03-50	50 cm	7 cm	Cotton	24 Pieces



Orthotic Components

Orthotic Components



OKJ110

Knee Joint w/ Bale Lock (Springy): Parts

No	Part	Feature	Qty.
1	Upper Section	Stainless Steel	Piece
2	Lower Section	Stainless Steel	Piece
3	Lock Lever	Stainless Steel	Piece
4	Slotted Truss Head Screw	M6 Thread x 8,70mm x Ø14mm	Piece
5	Slotted Truss Head Screw	M4 Thread x 8,70mm x Ø8mm	Piece
6	Bearing Nut	M6 Thread x 8,70mm, Hardened	Piece
7	Bearing Nut	M4 Thread x 8,70mm, Hardened	Piece
8	Phillips Oval Countersunk Head Screw	M5 Thread x 4mm, Ø8mm	Piece
9	Compression Spring	0,5 X 4 X 15 mm	Piece



OKJ110-10

Type-10: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ110-10-16R	Stainless Steel	16 mm	Right	Straight & Straight	Pair
OKJ110-10-16L	Stainless Steel	16 mm	Left	Straight & Straight	Pair
OKJ110-10-20R	Stainless Steel	20 mm	Right	Straight & Straight	Pair
OKJ110-10-20L	Stainless Steel	20 mm	Left	Straight & Straight	Pair



OKJ110-20

Type-20: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ110-20-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ110-20-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ110-20-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ110-20-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



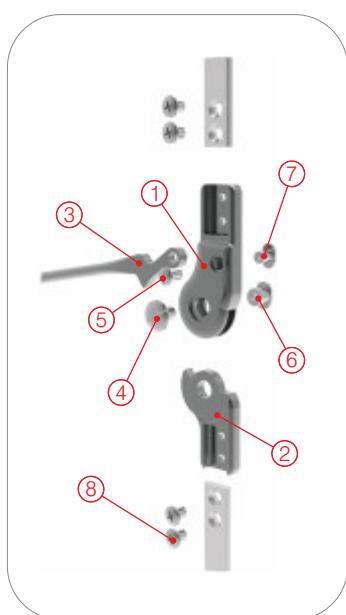
OKJ110-30

Type-30: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ110-30-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ110-30-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ110-30-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ110-30-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



Orthotic Components



OKJ120

Knee Joint w/ Bale Lock: Parts

No	Part	Feature	Qty.
1	Upper Section	Stainless Steel	Piece
2	Lower Section	Stainless Steel	Piece
3	Lock Lever	Stainless Steel	Piece
4	Slotted Truss Head Screw	M6 Thread x 8.70mm x Ø14mm	Piece
5	Slotted Truss Head Screw	M4 Thread x 8.70mm x Ø8mm	Piece
6	Bearing Nut	M6 Thread x 8,70mm, Hardened	Piece
7	Bearing Nut	M4 Thread x 8,70 mm, Hardened	Piece
8	Phillips Oval Countersunk Head Screw	M5 Thread x 4 mmx Ø8mm	Piece



Type-10: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ120-10-16R	Stainless Steel	16 mm	Right	Straight & Straight	Pair
OKJ120-10-16L	Stainless Steel	16 mm	Left	Straight & Straight	Pair
OKJ120-10-20R	Stainless Steel	20 mm	Right	Straight & Straight	Pair
OKJ120-10-20L	Stainless Steel	20 mm	Left	Straight & Straight	Pair



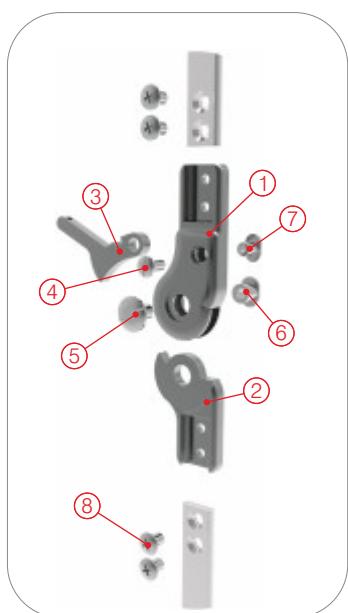
Type-20: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ120-20-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ120-20-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ120-20-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ120-20-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



Type-30: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ120-30-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ120-30-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ120-30-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ120-30-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



Knee Joint w/ Bale Lock: Parts

No	Part	Feature	Qty.
1	Upper Section	Stainless Steel	Piece
2	Lower Section	Stainless Steel	Piece
3	Lock Lever	Stainless Steel	Piece
4	Slotted Truss Head Screw	M6 Thread x 8.70mm x Ø14mm	Piece
5	Slotted Truss Head Screw	M4 Thread x 8.70mm x Ø8mm	Piece
6	Bearing Nut	M6 Thread x 8,70mm, Hardened	Piece
7	Bearing Nut	M4 Thread x 8,70mm, Hardened	Piece
8	Phillips Oval Countersunk Head Screw	M5 Thread x 4mm x Ø8mm	Piece



Type-10: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ130-10-16R	Stainless Steel	16 mm	Right	Straight & Straight	Pair
OKJ130-10-16L	Stainless Steel	16 mm	Left	Straight & Straight	Pair
OKJ130-10-20R	Stainless Steel	20 mm	Right	Straight & Straight	Pair
OKJ130-10-20L	Stainless Steel	20 mm	Left	Straight & Straight	Pair



Type-20: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ130-20-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ130-20-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ130-20-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ130-20-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair

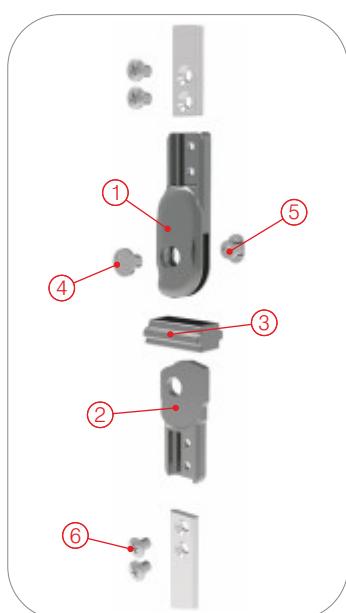


Type-30: Knee Joint w/ Bale Lock

Item	Material	Width	Side	Description	Qty.
OKJ130-30-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ130-30-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ130-30-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ130-30-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



Orthotic Components



OKJ140

Knee Joint w/Ring Lock: Parts

No	Part	Feature	Qty.
1	Upper Section	Stainless Steel	Piece
2	Lower Section	Stainless Steel	Piece
3	Ring	Stainless Steel	Piece
4	Two Hole Screw	M6 Thread x 7.30mm x Ø12mm	Piece
5	Bearing Nut	M6 Thread x 7.30mm, Hardened	Piece
6	Phillips Oval Countersunk Head Screw	M5 Thread x 4 mmx Ø8mm	Piece



Type-10: Knee Joint w/ Ring Lock

Item	Material	Width	Side	Description	Qty.
OKJ140-10-16R	Stainless Steel	16 mm	Right	Straight & Straight	Pair
OKJ140-10-16L	Stainless Steel	16 mm	Left	Straight & Straight	Pair
OKJ140-10-20R	Stainless Steel	20 mm	Right	Straight & Straight	Pair
OKJ140-10-20L	Stainless Steel	20 mm	Left	Straight & Straight	Pair



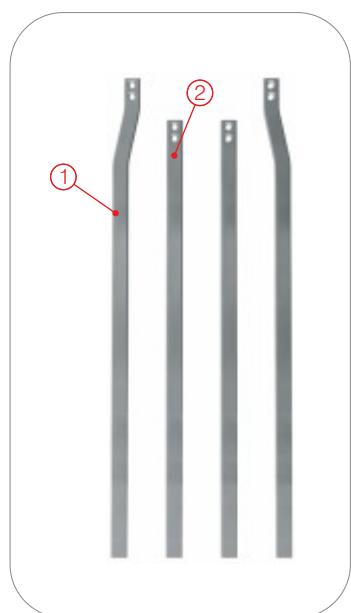
Type-20: Knee Joint w/ Ring Lock

Item	Material	Width	Side	Description	Qty.
OKJ140-20-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ140-20-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ140-20-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ140-20-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



Type-30: Knee Joint w/ Ring Lock

Item	Material	Width	Side	Description	Qty.
OKJ140-30-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OKJ140-30-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OKJ140-30-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OKJ140-30-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



Lateral Bar Set

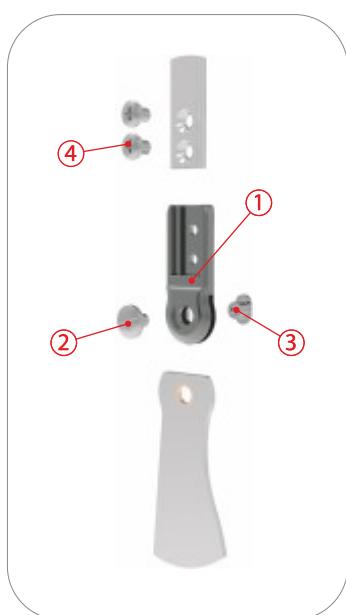
No	Part	Feature	Qty.
1	Lower Side Bar	410mm length, 4mm thickness	Piece
2	Upper Side Bar	450mm length, 4mm thickness	Piece



Side Bar Set for Carbon Orthosis

Item	Material	Width	Feature	Qty.
OLB120-16	Stainless Steel	16 mm	80mm length, 4mm thickness	Set
OLB120-20	Stainless Steel	20 mm	80mm length, 4mm thickness	Set

Orthotic Components



OAJ110

Ankle Joint: Parts

No	Part	Feature	Qty.
1	Joint	Stainless Steel	Piece
2	Slotted Truss Head Screw	M5 Thread x 6.50 mm x Ø12 mm (for 16mm) M6 Thread x 7.30 mm x Ø14 mm (for 20mm)	Piece
3	Bearing Nut	M5 Thread x 6.50 mm, Hardened (for 16mm) M6 Thread x 7.30 mm, Hardened (for 20mm)	Piece
4	Phillips Oval Countersunk Head Screw	M5 Thread x 4 mm x Ø8 mm	Piece



OAJ110-10

Type-10 | Ankle Joint

Item	Material	Width	Side	Description	Qty.
OAJ110-10-16R	Stainless Steel	16 mm	Right	Straight & Straight	Pair
OAJ110-10-16L	Stainless Steel	16 mm	Left	Straight & Straight	Pair
OAJ110-10-20R	Stainless Steel	20 mm	Right	Straight & Straight	Pair
OAJ110-10-20L	Stainless Steel	20 mm	Left	Straight & Straight	Pair



OAJ110-20

Type-20 | Ankle Joint

Item	Material	Width	Side	Description	Qty.
OAJ110-20-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OAJ110-20-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OAJ110-20-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OAJ110-20-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



OAJ110-30

Type-30 | Ankle Joint

Item	Material	Width	Side	Description	Qty.
OAJ110-30-16R	Stainless Steel	16 mm	Right	Straight & Contoured	Pair
OAJ110-30-16L	Stainless Steel	16 mm	Left	Straight & Contoured	Pair
OAJ110-30-20R	Stainless Steel	20 mm	Right	Straight & Contoured	Pair
OAJ110-30-20L	Stainless Steel	20 mm	Left	Straight & Contoured	Pair



OAJ130

Foot Stirrup

Item	Material	Length from Center	Thickness	Qty.
OAJ130-16	Stainless Steel	63 mm	2.5mm	Set
OAJ130-20	Stainless Steel	63 mm	3mm	Set



OAJ120

Item	Material	Length from Center	Thickness	Qty.
OAJ120-16	Stainless Steel	145 mm	2.5mm	Set
OAJ120-20	Stainless Steel	160 mm	3mm	Set



HJ-100

HJ-200

Hip Joints

Code	Material	Weight	Wideness	Weight Limit
HJ-100	Stainless Steel	162 gr	32mm	125kg
HJ-200	Stainless Steel	128 gr	25mm	100kg

Basic Prosthetic Sets

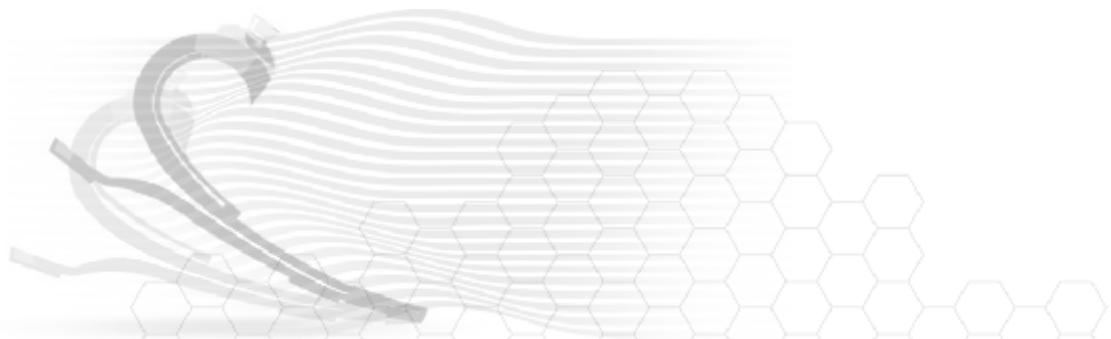
Set-1: Above The Knee



Set-2: Below The Knee



Note: Titanium and Aluminium components are also available.



...to be continued...



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®

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