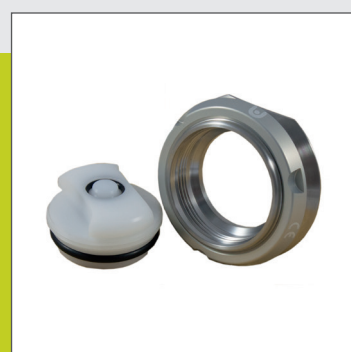


Product Catalogue



**Prosthetic Components,
Orthoses and Materials**
Valid from 01.05.2016

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The Uniprox service concept

It is our aim also to ensure the quality of patient care, for the future as well. This can only be achieved by working with specialist suppliers who want to provide their customers with the best possible care as rapidly as possible.

Our service concept has been approved precisely with the following in mind: efficient transactions, the best advice and tailor-made solutions for providing care. Our sales staff can competently answer product-specific and business questions and are our contacts for joint marketing concepts.

To make a rapid search or for convenient online ordering all the necessary information can be found at www.uniprox.de.

Customer Service	+49 (0) 36628-66-33 70
Fax	+49 (0) 36628-66-33 77
E-Mail	info@uniprox.de

Prosthetic

Mobility, one step at a time

We have been supplying orthotists and prosthetists with prosthetic components since 2001. We specialize in the prosthetic support of the lower extremities. We work closely with the Bauerfeind Innovation Center, prosthetists/orthotists, physicians and scientists to develop high-quality products that enable amputees to acquire more mobility, and therefore a better quality of life. With our products we take a systematic approach to mobility management, meeting patients' needs at every stage of their rehabilitation. The patient's mobility level determines which prosthetic components are needed. We classify feet, knee and hip joints according to four mobility levels.

Innovative Solutions

Our development efforts translate into innovative solutions for supplying customers with prosthetic components.

For example, the polycentric JT20 knee joint makes it possible for patients to switch from a stable geometry to a more dynamic one, so it can be utilized for a wide range of needs. With the monocentric JT09 safety knee the spring extension assist can be adjusted on the outside with a setting ring.

Both joints are approved for a total weight of 150 kilograms which means prosthetists/orthotists can use them for a wide range of applications.



Quality

It is our company's philosophy to constantly improve our products and optimize our processes.

All products from the Prosthetics and Orthoses segments meet the requirements of the German Medical Devices Act and bear the CE marking.

mobi 4 Life – Mobility Management, Prosthetic Selection Criteria

The mobi 4 LIFE selection system is used to classify the functional components of a prostheses like prosthetic feet, knees and hip joints according to four mobility levels and the weight of the patient. This optimizes prosthetic care both for the prosthetist/orthotist and for the patient.

To orthotists/prosthetists mobi 4 Life offers the option of easily customizing the functional prosthetic components to the unique needs of the patient. mobi 4 Life also makes it easy for orthotists/prosthetists to order products because the mobility level and weight class allowed for each component can be identified at a glance. Furthermore, with mobi 4 LIFE billing can be more objectively verified for the paying party. **mobi 4 LIFE gives patients** the confidence that the components have been selected according to his or her individual needs and that an ideal prosthetic solution has been found. Structural components like adapters and tubes are also classified according the patient's usage weight.

Mobility Classification Guide

The mobility levels 1 to 4 are based on the activity of the amputee and therefore the load which is applied to a lower extremity prosthesis.*



Mobility Level 1
Indoor Walker

The patient can walk slowly with the prosthesis on even surfaces. The patient can only walk short distances for short periods of time. *Goal of prosthetic fitting: Restore the standing ability and limited ambulation indoors.*



Mobility Level 2
Restricted
Outdoor Walker

The patient has the ability to move with low to medium walking speed. He or she is able to easily overcome small obstacles such as curbs or single steps. The distance covered and the duration of time while walking are limited. *Goal of prosthetic fitting: Restore the standing ability and limited ambulation indoors and outdoors.*



Mobility Level 3
Unrestricted
Outdoor Walker

The patient has the ability to move with medium to high walking speed on uneven surfaces and open terrain. However, above-average performance is not possible. *Goal of prosthetic fitting: Restore the standing ability and unlimited ambulation indoors and limited ambulation outdoors.*



Mobility Level 4
Unrestricted
Outdoor Walker
with High Demands

The patient moves without restrictions at any speed. The greater mobility generates high impact, tension and/or deformation load on the prosthesis. *Goal of prosthetic fitting: Restore standing ability, unlimited ambulation and mobilization indoors and outdoors.*

Classification of the Functional Components According to Weight Classes

For each component the weight of the patient plays a significant role. The combination of the patient's weight and mobility level determines the load that the component must carry. This is why it is crucial to have precise weight specifications.

Our classifications:
Max. patient weight

< 75 kg	< 80 kg	< 85 kg	< 95 kg	< 100 kg	< 114 kg	< 120 kg
< 124 kg	< 125 kg	< 136 kg	< 145 kg	< 150 kg	< 159 kg	< 166 kg

*The classification of mobility (activity levels) is done according to the parameters given by the German Health Insurance Association (MDS).

1 Prosthetics

- 1.1 Prosthetic Feet
- 1.2 Modular Adapters
- 1.3 Functional Adapters
- 1.4 Prosthetic Knee Joints
- 1.5 Hip Joints
- 1.6 Liners and Locking Devices
- 1.7 Cosmetic Covers
- 1.8 Stump Socks
- 1.9 Valves
- 1.10 Socket Accessories



1 Prosthetics

1.1 Prosthetic Feet

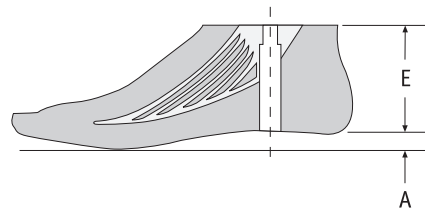
F1 Uniprox Foot

SACH Foot for Men with separated toe



- The SACH (Solid Ankle Cushion Heel) Foot has a plastic core and an outer flexible molded foot shell

! Suitable for use in the water.



Order No. Size/Side	Available Size	Heel Height (A)	Installation Height (E)	Weight (depending on size)	Heel Bumper	Article No.
F1- <input type="checkbox"/> <input type="checkbox"/>	22-29	10 mm	70 mm	360-585 g	integrated	4 101 010 0X 00 0YY

Side: L = left, R = right
 Example: Foot F1, size: 26, side: right
 Order No.: F1-26R

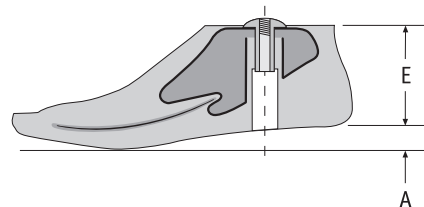
X = side: 1 = left, 2 = right
 YY = size (see available sizes)
 Example: Foot F1, side: right, size: 26, Article No.: 4 101 010 02 00 026

F10 Uniprox Foot

Dynamic SACH Foot Proximal Pyramid Adapter



- The SACH (Solid Ankle Cushion Heel) Foot has an inner core reinforced with carbon-kevlar and an external flexible molded foot shell
- With proximal pyramid adapter



Order No. Size/Side	Available Size	Heel Height (A)	Installation Height (E)	Weight (depending on size)	Heel Bumper	Article No.
F10- <input type="checkbox"/> <input type="checkbox"/>	24-29	18 mm	70 mm	695-955 g	integrated	4 101 100 0X 00 0YY

Side: L = left, R = right
 Example: Foot F10, size: 26, side: left
 Order No.: F10-26L

X = side: 1 = left, 2 = right
 YY = size (see available sizes)
 Example: Foot F10, side: left, size: 26, Article No.: 4 101 100 01 00 026

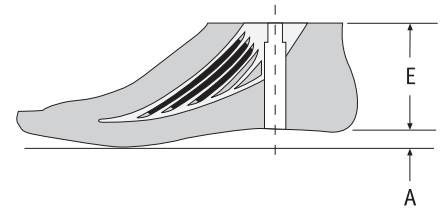
F20 Uniprox Foot

Dynamic SACH Foot with separated toe



- The SACH (Solid Ankle Cushion Heel) Foot has a special foam-filled plastic core which provides more dynamic energy than conventional SACH feet
- Very light and cosmetically appealing prosthetic foot which has high stance-phase stability and is very comfortable

! Suitable for use in the water.



Order No. Size/Side	Available Size	Heel Height (A)	Installation Height (E)	Weight (depending on size)	Heel Bumper	Article No.
F20- <input type="checkbox"/> <input type="checkbox"/>	22-29	10 mm	70 mm	425-605 g	integrated	4 101 200 0X 00 0YY

Side: L = left, R = right

Example: Foot F20, size: 28, side: right

Order No.: F20-28R

X = side: 1 = left, 2 = right

YY = size (see available sizes)

Example: Foot F20, side: right, size: 28, Article No.: 4 101 200 02 00 028

Accessories and Spare Parts for SACH Feet



1



2

Modular SACH Foot Adapter for Men's Feet F1 and F20, includes bolt assemblies

Order No.	Weight limit	Connector	Material	Article No.	Pict.
E-F01	<75 kg	Pyramid	Alu M10	4 101 019 99 11 010	1
E-F02	<125 kg	Pyramid	Steel M10	4 101 019 99 22 010	1
E-F04	<100 kg	Pyramid	Titanium M10	4 101 019 99 33 010	1

Connection Plate

Order No.	Material	Article No.	Pict.
E-F19	Plastic	4 101 079 00 00 000	2

1 Prosthetics

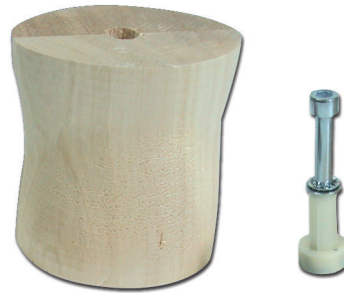
1.1 Prosthetic Feet

Accessories and Spare Parts for SACH Feet



Bolt Assemblies for Ankle Blocks

Order No.	Screw	Article No.
E-F08	M10x90	4 101 049 00 00 010



Wooden Ankle Block incl. bolt assembly

Order No.	Screw	Article No.
E-F10	M10x90	4 101 059 00 77 000

F30 Uniprox Light Foot



- Delrin keel
- Flexible foot shell
- Including foot bolt M10x55
- Optional connections available (listed under accessories)

! Suitable for use in the water.



Order No.	Available Size	Heel Height	Installation Height outside	Installation Height inside	Keel	Weight Size 27	Article No.
F30-	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	24-29	10 mm	72 mm	38 mm	6-8	4 601 010 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F30, size: 29, side: right, keel 8

Order No.: F30-29R8

X = side: 1 = left, 2 = right, Y = keel

ZZ = size (see available sizes)

Example: Foot F30, side: right, keel 8, size: 29, Article No.: 4 601 010 02 08 029

Selection of keel

! Smaller sizes on request.

Weight (kg)	1	2
< 100	6	7
< 120	7	8
< 136	8	8

Accessories and Spare Parts for F30 Uniprox Light Foot



1



2



3

Order No.	Description	Article No.	Pict.
E-F60	Ankle block from plastic	4 601 019 00 00 001	1
E-F63	Spacer block with screw	4 601 019 00 00 004	2
E-F62	Pyramid adapter, titanium, with screw	4 601 019 00 00 003	3

1 Prosthetics

1.1 Prosthetic Feet

F35 Uniprox Lifecast Foot



- J-shaped core
- Realistic cosmetic foot cover
- Including foot bolt M10x55
- The design is based on natural shapes of feet.
Due to this the actual foot length can vary in size and length

! Suitable for use in the water.



Order No.	Available Size	Heel Height	Installation Height 23-26	Installation Height 27-29	Keel	Weight Size 25	Article No.
F35- <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	23-29	19 mm	81 mm	89 mm	3-6	532 g	4 601 030 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F35, size: 26, side: left, keel 6

Order No.: F35-26L6

X = side: 1 = left, 2 = right, Y = keel

ZZ = size (see available sizes)

Example: Foot F35, side: left, keel 6, size: 26, Article No.: 4 601 030 01 06 026

Selection of keel

! Smaller sizes on request.

Keel	Size 23-26	Size 27-29
3	< 70 kg	< 69 kg
4	70-83 kg	69-81 kg
5	84-99 kg	82-92 kg
6	100-114 kg	93-111 kg

Accessories and Spare Parts for F35 Uniprox Lifecast Foot



Order No.	Description	Article No.	Pict.
E-F08	Bolt assemblies for ankle blocks, M10x90	4 101 049 00 00 010	1
E-F10	Ankle block incl. bolt assemblies, wood/M10	4 101 059 00 77 000	2
E-F62	Pyramid adapter, titanium, with screw	4 601 019 00 00 003	3

F40 Uniprox Carbon Light Foot



- Carbonfiber reinforced keel
- Flexible foot shell
- Including foot bolt M10x55
- Optional connections available (listed under accessories)

! Suitable for use in the water.



Order No.	Available Size	Heel Height	Installation Height outside	Installation Height inside	Keel	Weight Size 27	Article No.
F40- <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	24-29	10 mm	72 mm	38 mm	2-3	405 g	4 601 020 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F40, size: 29, side: right, keel 2

Order No.: F40-29R2

X = side: 1 = left, 2 = right, Y = keel

ZZ = size (see available sizes)

Example: Foot F40, side: right, keel 2, size: 29, Article No.: 4 601 020 02 02 029

Selection of keel

! Smaller sizes on request.

Weight (kg)	
< 100	2
< 124	3

Accessories and Spare Parts for F40 Uniprox Carbon Light Foot



1



2



3

Order No.	Description	Article No.	Pict.
E-F60	Ankle block from plastic	4 601 019 00 00 001	1
E-F63	Spacer block with screw	4 601 019 00 00 004	2
E-F62	Pyramid adapter, titanium, with screw	4 601 019 00 00 003	3

1 Prosthetics

1.1 Prosthetic Feet

F51 Uniprox Multiaxial Foot with toes



- Integrated ankle joint
- Splitted big toe
- Integrated foamed carbonfiber spring



Order No.	Available Size	Heel Height	Installation Height	Bumper	Weight Size 27	Article No.
F51- <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	24-29	10 mm	73 mm	1-5	531 g	4 602 040 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F51, size: 29, side: right, bumper 2

Order No.: F51-29R2

X = side: 1 = left, 2 = right, Y = bumper

ZZ = size (see available sizes)

Example: Foot F51, side: right, bumper 2, size: 29, Article No.: 4 602 040 02 02 029

Selection of bumpers

! Smaller sizes on request.

Weight (kg)		
< 80	1	2
< 81-99	2	3
< 100-136	3	4
< 137-150	4	5

Accessories and Spare Parts for F51 Uniprox Multiaxial Foot

Accessories

Order No.	Description	Article No.
E-F50-M	Tool-Set (contains: Hexagonal screwdriver, axis-extension and leading bushing)	4 602 019 00 30 000
E-F51-T	Maintenance kit for F51 (contains: Bushing, washer, axis with screw, dorsal bumper, distance plate, plastic washers)	4 602 049 00 43 000
E-F51-G	Ankle joint with pyramid adapter (including: Maintenance kit E-F51-T und 2 pcs. plugs)	4 602 019 00 42 000
MM202	Lithium grease	4 690 240 00 89 100

Bumper

Order No.	Description	Article No.
E-F50-P2	Bumper, medium	4 602 019 00 02 000
E-F50-P3	Bumper, firm	4 602 019 00 03 000
E-F50-P4	Bumper, x-firm	4 602 019 00 04 000
E-F50-P5	Bumper, xx-firm	4 602 019 00 05 000

F60 Uniprox Carbonfiber Foot



- Carbonfiber-Foot (recommended for transfemoral amputees)
- Increased knee stability due to stiffer forefoot spring
- 3 heel heights
- Splitted toe spring
- High energy return



Order No.	Available Size	Heel Height outside	Heel wedges inside, variable	Installation Height	Keel	Weight Size 27	Article No.
F60- <input type="text"/> <input type="text"/> <input type="text"/>	24-30	10 mm	6,5 mm; 10 mm; 13mm	180 mm	3-5	735 g	4 603 012 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F60, size: 29, side: right, keel 3

Order No.: F60-29R3

X = side: 1 = left, 2 = right, Y = keel

ZZ = size (see available sizes)

Example: Foot F60, side: right, keel 3, size: 29, Article No.: 4 603 012 02 03 029

Selection of keel

! Smaller sizes on request.

Weight (kg)	2	3	4
< 100	3	4	4
< 136	4	4	5
< 166	5	5	5

Accessories and Spare Parts for F60 Uniprox Carbonfiber Foot

Foot shell F60 Uniprox Carbonfiber Foot



Order No.	Size/Side	Available Size	Article No.
E-F60- <input type="text"/> <input type="text"/>	24-30		4 603 019 0X 00 0ZZ

Side: L = left, R = right

Example: Foot shell F60, size: 29, side: left

Order No.: E-F60-29L

X = side: 1 = left, 2 = right,

ZZ = size (see available sizes)

Example: Foot shell F60, side: left, size: 29, Article No.: 4 603 019 01 00 029

Accessories

(see instruction manual)

Order No.	Description	Article No.
E-F60-T	Component Kit for F60/F70	4 603 019 00 28 000
E-F60-W	Component Kit for F60/F70	4 603 019 00 29 000
E-F60-SL	Uniprox Shoe Horn	4 603 019 00 38 000
E-F60-SS	Spectra-Sock for F60/F70	4 603 019 00 39 000
E-F60-A	Heel wedges-Set	4 603 019 00 40 000

Cord Kit

(to be changed every two years; see instruction manual)

Order No.	Description	Article No.
E-F60-CK3	Cord Kit for F60	4 603 019 00 31 000
E-F60-CK4	Cord Kit for F60	4 603 019 00 32 000
E-F60-CK5	Cord Kit for F60	4 603 019 00 33 000

1 Prosthetics

1.1 Prosthetic Feet

F63 Uniprox Low Profile Carbon Foot



- Splitted toe dynamic forefoot spring for a high level of stance stability
- Cushioned heel thanks to integrated foamed heel bumper
- Natural-looking cosmetic foot cover with toes and a separate big toe
- Integrated pyramid adapter made of titanium
- Removeable spacer block



Order No.	Available Size	Heel Height	Installation Height outside	Keel	Weight Size 25 without foot shell	Article No.
F63- <input type="text"/> <input type="text"/> <input type="text"/>	25-29	10 mm	80 mm/55 mm	1-4	330 g	4 603 030 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F63, size: 27, side: right, keel 3

Order No.: F63-27R3

X = side: 1 = left, 2 = right, Y = keel

ZZ = size (see available sizes)

Example: Foot F63, side: right, keel 3, size: 27, Article No.: 4 603 030 02 03 027

Keel	Weight (kg)/ Mobility Level 1-3
1	< 60
2	61 - 81
3	81 - 100
4	101 - 136

! Smaller sizes on request.

Accessories and Spare Parts for F63 Uniprox Carbon Foot

Foot shell F63 Uniprox Carbon Foot



Keel	Hardness of foot shell
1	12
2	12
3	34
4	34

Order No.	Size/Side/Hardness	Available Siz	Article No.
E-F63- <input type="text"/> <input type="text"/> <input type="text"/>	25-29		4 603 039 0X YY 0ZZ

Side: L = left, R = right

Hardness: 1+2 = 12, 3+4 = 34

Example: Foot shell F63, size: 29, side: left, Hardness:1

Order No.: E-F63-29L12

X = side: 1 = left, 2 = right,

ZZ = size (see available sizes)

YY = Hardness: 1+2 = 00, 3+4 = 34

Example: Foot shell F63, side: left, size: 29, Hardness: 1, Article No.: 4 603 019 01 00 029

Accessories

Order No.	Description	Article No.
E-F60-SS	Spectra-Sock for F63	4 603 019 00 39 000

F65 Uniprox Low Profile Carbon Foot



- Low-profile carbon-spring foot
- Multiaxial C-shaped spring for anatomical plantar flexion
- Full length, split composite keel for stability
- Removable cosmetic foot cover with Spectra Sock



Order No.	Available Size	Heel Height	Installation Height	Keel	Weight Size 25 without foot shell	Article No.
F65-	<input type="text"/> <input type="text"/> <input type="text"/>	25-29	10 mm	1-4	400 g	4 603 040 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F65, size: 27, side: right, keel 3

Order No.: F65-27R3

X = side: 1 = left, 2 = right, Y = keel

ZZ = size (see available sizes)

Example: Foot F65, side: right, keel 3, size: 27, Article No.: 4 603 040 02 03 027

Selection of keel

! Smaller sizes on request.

Keel	2	3	4
4*	101 - 136 kg	88 - 118 kg	81 - 109 kg
3	81 - 100 kg	74 - 87 kg	68 - 80 kg
2	61 - 80 kg	56 - 73 kg	51 - 67 kg
1	< 60 kg	< 55 kg	< 50 kg

*available in size 25-29

Accessories and Spare Parts for F65 Uniprox Carbon Foot

Foot shell F65 Uniprox Carbon Foot



Order No.	Size/Side	Available Siz	Article No.
E-F65-	<input type="text"/> <input type="text"/>	25-29	4 603 049 0X 00 0ZZ

Side: L = left, R = right

Example: Foot shell F65, size: 29, side: left

Order No.: E-F60-29L

X = side: 1 = left, 2 = right,

ZZ = size (see available sizes)

Example: Foot shell F65, side: left, size: 29, Article No.: 4 603 049 01 00 029

Accessories

Order No.	Description	Article No.
E-F60-SS	Spectra-Sock for F65	4 603 019 00 39 000
E-F65-W	Service-Set for F65	4 603 049 00 41 000

1 Prosthetics

1.1 Prosthetic Feet

F70 Uniprox Carbonfiber Foot



- Splitted toe spring
- Shockabsorbing
- Easy Roll-on
- High energy return



Order No.	Available Size	Heel Height	Heel wedges inside, variable	Installation Height	Keel	Weight Size 27	Article No.
F70- <input type="text"/> <input type="text"/> <input type="text"/>	24-30	10 mm	6,5mm; 10mm; 13 mm	180 mm	3-9	735 g	4 603 022 0X 0Y 0ZZ

Side: L = left, R = right

Example: Foot F70, size: 29, side: right, keel 8




Order No.: F70-29R8

X = side: 1 = left, 2 = right , Y = keel

ZZ = size (see available sizes)

Example: Foot F70, side: right, keel 8, size: 29, Article No.: 4 603 022 02 08 029

Selection of keel

Keel			
9	141-166 kg	124-145 kg	106-125 kg
8	121-140 kg	106-123 kg	91-105 kg
7	101-120 kg	89-105 kg	76-90 kg
6	91-100 kg	80-88 kg	69-75 kg
5	81-90 kg	71-79 kg	61-68 kg
4	71-80 kg	62-70 kg	53-60 kg
3	66-70 kg	58-61 kg	50-53 kg

 Smaller sizes on request.

Accessories and Spare Parts for F70 Uniprox Carbonfiber Foot

Accessories

Order No.	Description	Article No.
E-F60-T	Component Kit for F60 (look at the instruction for use)	4 603 019 00 28 000
E-F60-W	Tool Kit for F60/F70 (look at the instruction for use)	4 603 019 00 29 000
E-F60-SL	Uniprox Shoe Horn	4 603 019 00 38 000
E-F60-SS	Spectra-Sock for F60/F70	4 603 019 00 39 000
E-F60-A	Heel wedges-Set	4 603 019 00 40 000

Foot shell F70 Uniprox Carbonfiber Foot



Order No.	Size/Side	Available Sizes	Article No.
E-F60-	<input type="checkbox"/> <input type="checkbox"/>	24-30	4 603 019 0X 00 0ZZ

Side: L = left, R = right

Example: Foot shell F70, size: 29, side: left

Order No.: E-F60-29L

X = side: 1 = left, 2 = right,

ZZ = size (see available sizes)

Example: Foot shell F70, side: left, size: 29, Article No.: 4 603 019 01 00 029

Cord Kit (to be changed every two years; see instruction manual)

Order No.	Description	Footsize	Keel	Article No.
E-F70-CK2	Cord Kit for F70	24	3	4 603 029 00 19 300
E-F70-CK3	Cord Kit for F70	24	4+5	4 603 029 00 19 500
E-F70-CK5	Cord Kit for F70	24	6+7	4 603 029 00 19 700
E-F70-CK6	Cord Kit for F70	24	8+9	4 603 029 00 19 900
E-F70-CK8	Cord Kit for F70	25-27	3	4 603 029 00 20 300
E-F70-CK9	Cord Kit for F70	25-27	4+5	4 603 029 00 20 500
E-F70-CK11	Cord Kit for F70	25-27	6+7	4 603 029 00 20 700
E-F70-CK12	Cord Kit for F70	25-27	8+9	4 603 029 00 20 900
E-F70-CK14	Cord Kit for F70	28-30	3	4 603 029 00 21 300
E-F70-CK15	Cord Kit for F70	28-30	4+5	4 603 029 00 21 500
E-F70-CK17	Cord Kit for F70	28-30	6+7	4 603 029 00 21 700
E-F70-CK18	Cord Kit for F70	28-30	8+9	4 603 029 00 21 900

1 Prosthetics

1.1 Prosthetic Feet

F80 Uniprox Multiaxial Foot



- Multiaxial Foot
- Individual bumper configuration axial, anterior and posterior
- Delivery with standard bumper configuration
- Easy change of bumpers without tools
- Incl. bumper-set



Order No. Size/Side	Available Size	Heel Height outside	Installation Height	Weight Size 27	Article No.
F80- <input type="text"/> <input type="text"/>	24-30	10 mm	130 mm	790 g	4 602 020 0X 00 0ZZ

Side: L = left, R = right

Example: Foot F80, size: 29, side: right

Order No.: F80-29R

X = side: 1 = left, 2 = right

ZZ = size (see available sizes)

Example: Foot F80, side: right, size: 29, Article No.: 4 602 020 02 00 029

Selection of bumpers (shore hardness)

Weight Activity Level	41 - 68 kg			69 - 76 kg			77 - 95 kg		
	Anterior	Axial	Posterior	Anterior	Axial	Posterior	Anterior	Axial	Posterior
Activity Level 2	85	85	55	95	95	65	95	95	75
Activity Level 3	85	85	65	95	95	75	95	95	75

Bumper Anterior

95 Shore A

85 Shore A

Bumper Axial

95 Shore A

85 Shore A

Bumper Posterior

75 Shore A

65 Shore A

55 Shore A



Accessories and Spare Parts for F80 Uniprox Multiaxial Foot

Bumper

Order No.	Description	Article No.
E-F80-PV2	Bumper anterior 85 shore	4 602 029 00 02 000
E-F80-PV3	Bumper anterior 95 shore	4 602 029 00 03 000
E-F80-PV4	Bumper anterior 105 shore	4 602 029 00 04 000
E-F80-PM1	Bumper axial 85 shore	4 602 029 00 05 000
E-F80-PM2	Bumper axial 95 shore	4 602 029 00 06 000
E-F80-PH1	Bumper posterior 55 shore	4 602 029 00 16 000
E-F80-PH2	Bumper posterior 65 shore	4 602 029 00 17 000
E-F80-PH3	Bumper posterior 75 shore	4 602 029 00 18 000
E-F80-PH4	Bumper posterior 85 shore	4 602 029 00 19 000
E-F80-PS	Bumper Set for F80 and F90	4 602 029 00 28 000

Accessories and Spare Parts for F80 Uniprox Multiaxial Foot

Accessories

Order No.	Description	Article No.
E-F80-OR	O-Ring	4 602 029 00 00 001
E-F80-WS	Component Kit for F80/F90	4 602 029 00 29 000
E-F80-SS	Spectra-Sock for F80	4 602 029 00 39 000
MM202	Lithium grease	4 690 240 00 89 100

Foot shell F80 Uniprox Multiaxial Foot



Order No.	Size/Side	Available Sizes	Article No.
E-F80-	<input type="text"/> <input type="text"/>	24-30	4 603 029 0X 00 0ZZ

Side: L = left, R = right

Example: Foot shell F80, size: 29, side: left

Order No.: E-F80-29L

X = side: 1 = left, 2 = right,

ZZ = size (see available sizes)

Example: Foot shell F80, side: left, size: 29, Article No.: 4 603 029 01 00 029

Foot shell connection plate



Order No.	Description	Size	Article No.
E-F80-AP1	Connection plate, small	24-26	4 602 029 00 00 002
E-F80-AP2	Connection plate, big	27-30	4 602 029 00 00 003

1 Prosthetics

1.1 Prosthetic Feet

F90 Uniprox Multiaxial Carbonfiber Foot



- Multiaxial Carbonfiber-Foot
- Individual bumper configuration axial, anterior and posterior
- Delivery with standard bumper configuration
- Incl. bumper-set
- Easy change of bumpers without tools



Order No.	Available Size	Heel Height outside	Installation Height	Weight Size 27	Article No.
Size/Side					
F90- <input type="text"/> <input type="text"/>	24-30	10 mm	135 mm	810 g	4 602 030 0X 00 0ZZ

Side: L = left, R = right

Example: Foot F90, size: 29, side: right

Order No.: F90-29R

X = side: 1 = left, 2 = right

ZZ = size (see available sizes)

Example: Foot F90, side: right, size: 29, Article No.: 4 602 030 02 00 029

Selection of bumpers (shore hardness)

Weight Activity Level	41-68 kg			69 - 76 kg			77 - 95 kg			96 -112 kg			113 - 125 kg		
	Anterior	Axial	Posterior	Anterior	Axial	Posterior	Anterior	Axial	Posterior	Anterior	Axial	Posterior	Anterior	Axial	Posterior
2	85	85	55	95	95	65	95	95	75	95	95	75	95	95	75
3	85	85	65	95	95	75	95	95	75	95	95	75	95	95	85
4	85	85	65	95	95	75	95	95	75	105	95	85	105	95	85

Bumper Anterior

105 Shore A

95 Shore A

85 Shore A

Bumper Axial

95 Shore A

85 Shore A

Bumper Posterior

85 Shore A

75 Shore A

65 Shore A

55 Shore A



Accessories and Spare Parts for F90 Uniprox Multiaxial Foot

Bumper

Order No.	Description	Article No.
E-F80-PV2	Bumper anterior 85 shore	4 602 029 00 02 000
E-F80-PV3	Bumper anterior 95 shore	4 602 029 00 03 000
E-F80-PV4	Bumper anterior 105 shore	4 602 029 00 04 000
E-F80-PM1	Bumper axial 85 shore	4 602 029 00 05 000
E-F80-PM2	Bumper axial 95 shore	4 602 029 00 06 000
E-F80-PH1	Bumper posterior 55 shore	4 602 029 00 16 000
E-F80-PH2	Bumper posterior 65 shore	4 602 029 00 17 000
E-F80-PH3	Bumper posterior 75 shore	4 602 029 00 18 000
E-F80-PH4	Bumper posterior 85 shore	4 602 029 00 19 000
E-F80-PS	Bumper Set for F80 and F90	4 602 029 00 28 000

Accessories and Spare Parts for F90 Uniprox Multiaxial Foot

Accessories

Order No.	Description	Article No.
E-F80-OR	O-Ring	4 602 029 00 00 001
E-F80-WS	Component Kit for F80/F90	4 602 029 00 29 000
E-F80-SS	Spectra-Sock for F80	4 602 029 00 39 000
MM202	Lithium grease	4 690 240 00 89 100

Foot shell F90 Uniprox Multiaxial Foot



Order No.	Size/Side	Available Sizes	Article No.
E-F80-	<input type="text"/> <input type="text"/>	24-30	4 603 029 0X 00 0ZZ

Side: L = left, R = right

Example: Foot shell F80, size: 29, side: left

Order No.: E-F80-29L

X = side: 1 = left, 2 = right,

ZZ = size (see available sizes)

Example: Foot shell F80, side: left, size: 29, Article No.: 4 603 029 01 00 029

Foot shell connection plate

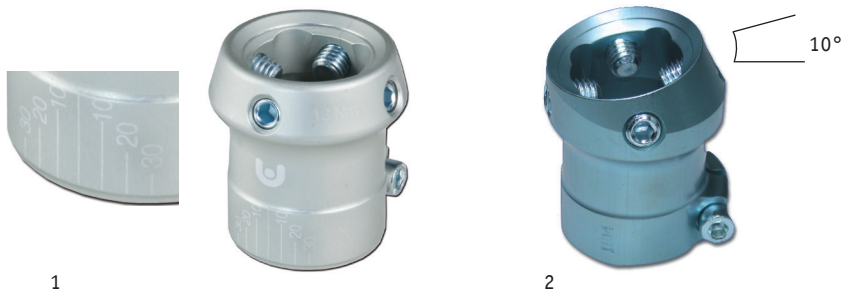


Order No.	Description	Size	Article No.
E-F80-AP1	Connection plate, small	24-26	4 602 029 00 00 002
E-F80-AP2	Connection plate, big	27-30	4 602 029 00 00 003

1 Prosthetics

1.1 Prosthetic Feet

Tube Clamp Adapters



The A1 Tube Clamp Adapters have a visible measuring scale which facilitates the rotation adjustments when used with the A3 Tube Adapter.

Order No.	Weight limit	Material	Weight	Article No.	Pict.
for Ø 30 mm tube					
A1-Al (Mobility Level 1)	< 100 kg (Mobility Level 2, 3, 4)	Aluminium	69 g	4 113 011 30 11 000	1
A1-St	< 100 kg	Steel	112 g	4 113 011 30 22 000	1
A1-Ti	< 100 kg	Titaniumium	69 g	4 113 011 30 33 000	1
for Ø 34 mm tube					
A1-St34	< 150 kg	Steel	136 g	4 113 010 34 22 000	1

Tube Clamp Adapters with 10° inclination for Ø 30 mm tube

Order No.	Weight limit	Material	Weight	Article No.	Pict.
A2-Ti	< 100 kg	Titanium	83 g	4 113 030 30 33 000	2

1 Prosthetics

1.2 Modular Adapters

Tube Adapters



1



2



3

The tube adapters (aluminum, steel, titanium) have a visible length scale that helps measure for shortening the prosthesis and simplifies documentation.

Order No.	Weight limit	Material	Length	Weight	Article No.	Pict.
for Ø 30 mm tube						
A3-Al200	< 100 kg	Aluminium	200 mm	160 g	4 113 051 30 11 200	1
A3-Al400	< 100 kg	Aluminium	400 mm	270 g	4 113 051 30 11 400	1
A3-St200	< 100 kg	Steel	200 mm	210 g	4 113 051 30 22 200	1
A3-St400	< 100 kg	Steel	400 mm	320 g	4 113 051 30 22 400	1
A3-Ti200	< 100 kg	Titanium	200 mm	170 g	4 113 051 30 33 200	1
A3-Ti400	< 100 kg	Titanium	400 mm	280 g	4 113 051 30 33 400	1
A3-Ti400-i	< 125 kg	Titanium	435 mm	350 g	4 113 060 30 33 400	3
for Ø 34 mm tube						
A4-St200	< 150 kg	Steel	200 mm	320 g	4 113 050 34 22 200	2
A4-St400	< 150 kg	Steel	400 mm	480 g	4 113 050 34 22 400	2
A4-Ti400	< 150 kg	Titanium	400 mm	435 g	4 113 050 34 33 400	2

Tube Adapter with Pyramid



Ø 30 mm

Order No.	Weight limit	Material	Length	Weight	Article No.
A5	< 136 kg	Aluminium	455 mm	320 g	4 620 010 00 00 000

Reduction Adapter 34/30 mm

for all Uniprox knee joints with 34 mm tube clamp (JT09, JT20/JT22, JT20S/JT22S)



Reduction of 34 mm tube clamp on 30 mm tube clamp

Order No.	Weight limit	Material	Length	Weight	Article No.
A30	< 100 kg	Aluminium	100 mm	91 g	4 610 07 000 00 008

Prosthesis Tube



Ø 30 mm tube

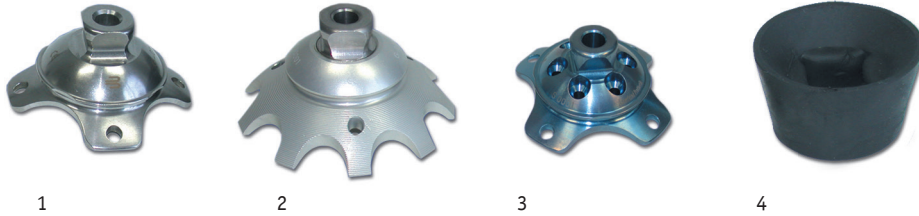
Order No.	Weight limit	Material	Length	Weight	Article No.
R1-Al400	< 100 kg	Aluminium	400 mm	210 g	4 113 070 30 11 400

1 Prosthetics

1.2 Modular Adapters

Socket Adapters

with lamination anchor, incl. lamination dummy

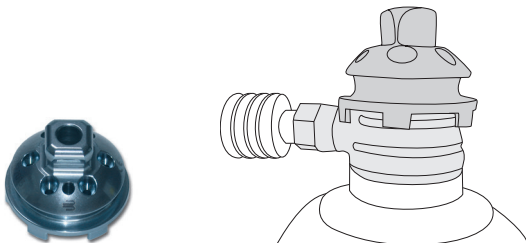


Order No.	Application	Material	Weight limit	Weight	Article No.	Pict.
A6-Al	Transtibial	Aluminium	<75 kg	62 g	4 114 010 00 11 000	1
A6-St	Transtibial	Steel	< 100 kg	87 g	4 114 010 00 22 000	1
A6-St34	Transtibial	Steel	< 150 kg	122 g	4 114 010 00 22 034	1
A6-Ti	Transtibial	Titanium	< 100 kg	53 g	4 114 010 00 33 000	1
A7-Al	Transfemoral	Aluminium	<75 kg	80 g	4 114 080 00 44 000	2
A9-Ti	Transtibial*	Titanium	< 100 kg	69 g	4 147 009 20 00 000	3

* for locking devices

Spare Part for Socket Attachment Block

Order No.	Description	Article No.	Pict.
E-A02	Lamination dummy made of special rubber	4 114 019 01 00 000	4



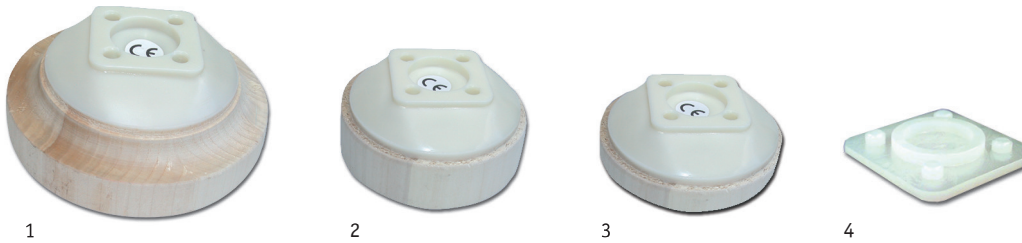
! Incl. dummy and screws

Order No.	Application	Material	Weight limit	Weight	Article No.
A8-Ti	Transtibial*	Titanium	< 100 kg	66 g	4 147 019 19 00 000

* for locking devices

Socket Attachment Block

with wood proximally, incl. lamination dummy and M6 countersunk screws



Order No.	Diameter of Wood	Height	Weight limit	Weight	Article No.	Pict.
A60-148	Ø 148 mm	64 mm	< 100 kg	320 g	4 114 060 00 77 148	1
A60-120	Ø 120 mm	64 mm	< 100 kg	280 g	4 114 060 00 77 120	2
A60-30	Ø 120 mm	30 mm	< 100 kg	160 g	4 114 060 00 77 030	3

Replacement Part for Socket Attachment Block

Order No.	Description	Article No.	Pict.
E-A01	Lamination dummy (plastic)	4 114 069 01 00 000	4

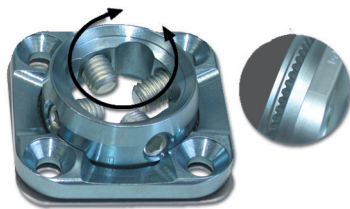
1 Prosthetics

1.2 Modular Adapters

Socket Adapter with adjusting screws



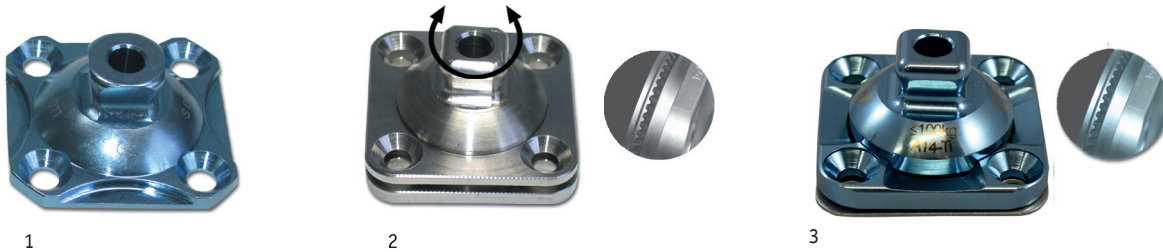
1



2

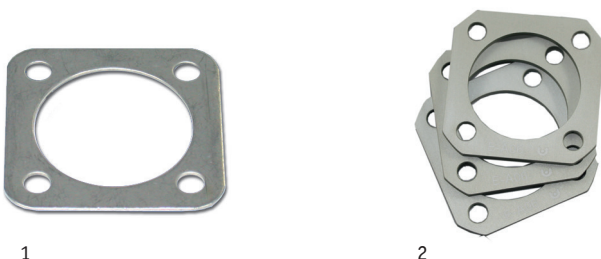
Order No.	Weight limit	Material	Weight	Article No.	Pict.
Non-rotatable					
A10-Al	<75 kg	Aluminium	45 g	4 114 020 00 11 000	1
A10-St	< 125 kg	Steel	79 g	4 114 020 00 22 000	1
A10-Ti	< 150 kg	Titanium	51 g	4 114 020 00 33 000	1
Rotatable					
A11-St	< 125 kg	Steel	123 g	4 114 030 00 22 000	2
A11-Ti	< 150 kg	Titanium	79 g	4 114 030 00 33 000	2

Socket Adapters with Pyramid



Order No.	Weight limit	Material	Weight	Article No.	Pict.
with Central Bore					
A13-Al	<75 kg	Aluminium	58 g	4 114 040 00 44 000	1
A13-St	< 100 kg	Steel	94 g	4 114 040 00 22 000	1
A13-Ti	< 150 kg	Titanium	51 g	4 114 040 00 33 000	1
A13	< 150 kg	Titanium, flat attachment surface	50 g	4 114 040 03 33 000	1
with Central Bore and Rotatable					
A14-St	< 100 kg	Steel	128 g	4 114 050 00 22 000	2
A14-Ti	< 150 kg	Titanium	85 g	4 114 050 00 33 000	3

Accessories for Socket Adapters



Order No.	Description	Weight limit	Material	Weight	Article No.	Pict.
E-A03	Spacer for rotatable socket adapter 1 pc. of 1 mm	< 150 kg	Steel	11 g	4 114 029 00 00 000	1
E-A06	Spacer set, 3 pcs. of 3 mm	< 150 kg	Aluminium	32 g	4 620 009 00 34 000	2

1 Prosthetics

1.2 Modular Adapters

Socket Anchor Adapters with attached Pyramid



Order No.	Description	Weight limit	Material	Weight	Article No.
A15-St	3-poor with pyramid	< 125 kg	Steel	110 g	4 114 100 01 22 000

Socket Anchor Adapters with rotating adjustment

with inside thread M36x1.5 and attachment adapter



1

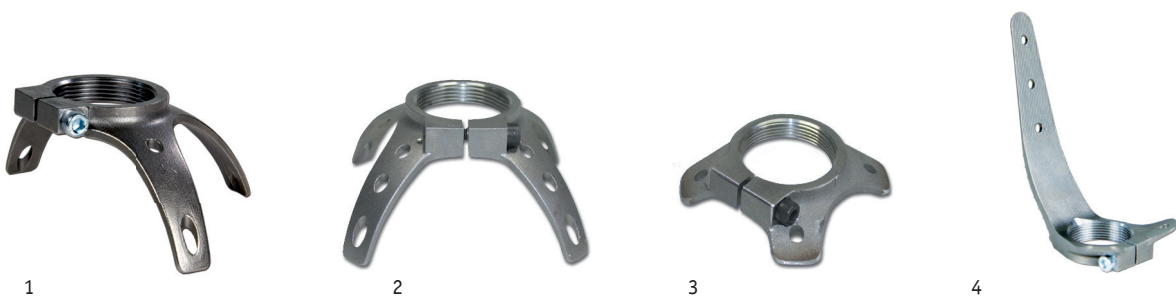


2

Order No.	Description	Weight limit	Material	Weight	Article No.	Pict.
A17-St	3-poor with adjusting screws	< 125 kg	Steel	167g	4 114 070 99 22 000	1
A18-St	3-poor with pyramid	< 125 kg	Steel	135 g	4 114 070 77 22 000	2

Socket Adapters

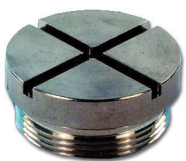
with inside thread M36x1.5 and attachment adapter (plastic)



Order No.	Description	Weight limit	Material	Weight	Article No.	Pict.
A19-St	3-poor	< 125 kg	Steel	110 g	4 114 080 01 22 000	1
A20-St	4-poor, long	< 150 kg	Steel	120 g	4 114 080 02 22 000	2
A21-St	4-poor, short	< 125 kg	Steel	91 g	4 114 080 03 22 000	3
A86	Knee disarticulation anchor	< 150 kg	Steel	170 g	4 114 080 06 22 000	4

Bending protection for Socket Adapters

with outside thread M36x1.5



Order No.	Description	Article No.
E-A04	Bending protection for thread M36x1.5	4 114 110 00 00 000

1 Prosthetics

1.2 Modular Adapters

Threaded Adapters for A19, A20 and A21

with outside thread M36x1.5



1



2



3



4



5

Order No.	Weight limit	Description	Material	Weight	Article No.	Pict.
A22-St	< 125 kg	With pyramid	Steel	70 g	4 114 090 99 22 000	1
A22-Ti	< 150 kg	With pyramid	Titanium	40 g	4 114 090 99 33 000	1
A23-St	< 150 kg	With adjusting screws	Steel	78 g	4 114 090 77 22 000	2
A23-Ti	< 100 kg	With adjusting screws	Titanium	51 g	4 114 090 77 33 000	2
A24-Al	< 75 kg	Tube 30 mm	Aluminium	39 g	4 114 090 00 11 000	3
A25-Ti	< 100 kg	Tube clamp 30 mm	Titanium	69 g	4 114 090 88 33 000	4
A87	< 150 kg	Adjusting screws with external M36 thread	Steel	55 g	4 620 040 00 00 000	5

Accessories for Modular Adapters



1



2



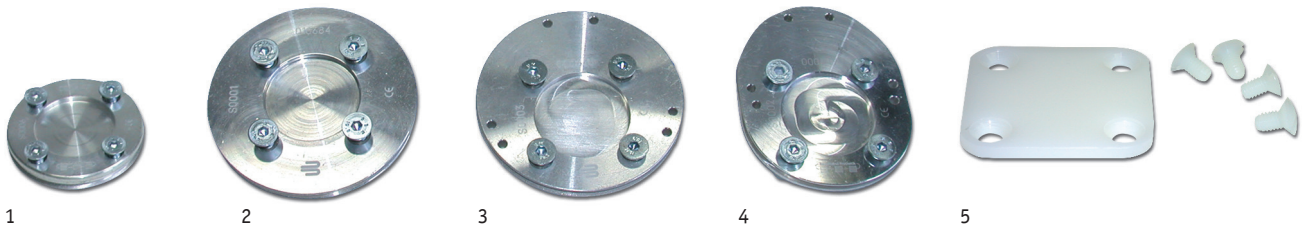
3

Order No.	Description	Thread	Length in mm	Pieces/delivery unit	Article No.	Pict.
M28-12	Hex socket head screw	M8	12	10	4 226 050 00 00 012	1
M28-16	Hex socket head screw	M8	16	10	4 226 050 00 00 016	1
M33	Hexagon socket head cap screw	M5	18	10	4 226 030 05 00 018	2

Countersunk screws, black, thread M6 (pict. 3) are available in different lengths on request.

Attachment plates for laminated sockets

incl. screws and lamination dummy (Pict. 5)



for Transtibial (back side sandblasted)

Order No.	Description	Diameter	Thickness	Material	Weight limit	Weight	Article No.	Pict.
A26-Al	Centered	64 mm	9 mm	Aluminium back side sandblasted	< 100 kg	74 g	4 115 010 00 00 064	1

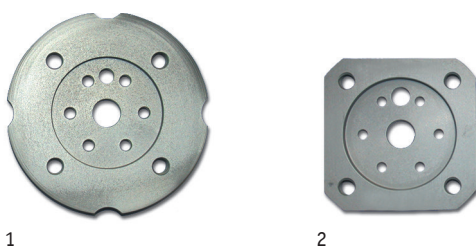
for Transfemoral (back side sandblasted)

Order No.	Description	Diameter	Thickness	Material	Weight limit	Weight	Article No.	Pict.
A27-Al1	Centered	84 mm	6 mm	Aluminium	< 150 kg	91 g	4 115 010 00 00 084	2
A27-Al2	8 mm posterior off-set	84 mm	6 mm	Aluminium	< 100 kg	77 g	4 115 010 01 00 084	3
A27-Al3	12 mm posterior off-set	84 mm	6 mm	Aluminium	< 100 kg	68 g	4 115 010 02 00 084	4

Order No.	Description	Article No.	Pict.
E-A05	Lamination dummy for attachment plates (incl. screws)	4 114 110 00 00 001	5

Lamination Attachment Plates

Universal, for locking devices, with screws, without dummy



! Lamination dummy E-A05 (Pict. 5) fitting! (not included in delivery)

Order No.	Description	Dimensions	Height	Material	Weight limit	Weight	Article No.	Pict.
A28-Al	round	Ø 70 mm	8 mm	Aluminium	< 150 kg	55 g	4 147 009 21 00 000	1
A29-Al	square	52 x 52 mm	9 mm	Aluminium	< 100 kg	30 g	4 147 009 01 00 000	2

1 Prosthetics

1.2 Modular Adapters

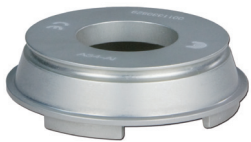
Adapter Kit, with central thread

for Transfemoral



Order No.	Weight limit	Material	Weight	Article No.
A33-Ti	< 100 kg	Titanium/Aluminium	110 g	4 115 030 01 00 000

Accessories for A33-Ti



Order No.	Description	Article No.
A34-AL	Lamination and thermoforming shell for A33-Ti, Aluminium	4 115 030 01 00 001

Socket Attachment Set, for thermoformed sockets

with screws



Asymmetrical



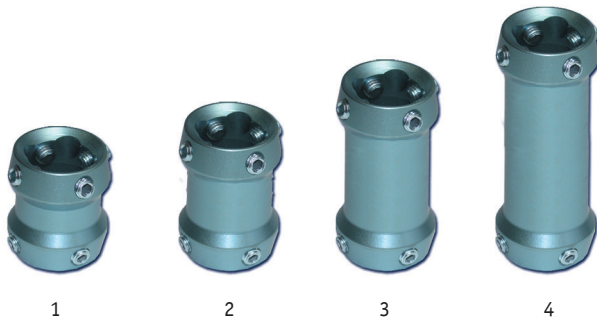
Order No.	Weight limit	Material	Diameter outside	Diameter inside	Weight	Article No.
A31-AL	<75 kg	Aluminium	Ø 85 mm	Ø 79 mm	139 g	4 115 020 01 00 000

Symmetrical

Order No.	Weight limit	Material	Diameter outside	Diameter inside	Height	Weight	Article No.
A35-AL1	<75 kg	Aluminium	Ø 100 mm	Ø 88 mm	25 mm	168 g	4 115 040 00 00 400
A35-AL2	<75 kg	Aluminium	Ø 90 mm	Ø 77 mm	20 mm	156 g	4 115 040 00 00 350
A35-AL3	<75 kg	Aluminium	Ø 78 mm	Ø 64 mm	20 mm	124 g	4 115 040 00 00 250

Double Adapter

with Proximal and Distal Adjusting Screws



Order No.	Weight limit	Length	Material	Weight	Article No.	Pict.
A37-Ti1	< 150 kg	32 mm	Titanium	80 g	4 116 010 00 00 032	1
A37-Ti2	< 150 kg	45 mm	Titanium	96 g	4 116 010 00 00 045	2
A37-Ti3	< 150 kg	60 mm	Titanium	106 g	4 116 010 00 00 060	3
A37-Ti4	< 150 kg	75 mm	Titanium	120 g	4 116 010 00 00 075	4

Double Adapter

Double Pyramid Adapter



Order No.	Weight limit	Installation Height	Material	Weight	Article No.	Pict.
A38-St	< 125 kg	19 mm	Steel	122 g	4 116 020 00 00 000	1
A39-Ti	< 150 kg	16 mm	Titanium	77 g	4 116 020 01 00 000	2

1 Prosthetics

1.2 Modular Adapters

Double Adapter

Pyramid and Clamp Ø 30 mm



Order No.	Weight limit	Height	Material	Weight	Article No.
A40-Ti1	< 100 kg	45 mm	Titanium	76 g	4 116 030 88 00 045

Double Adapter

with Pyramid and Adjusting Screws



Order No.	Weight limit	Installation Height	Material	Weight	Article No.
A41-Ti1	< 100 kg	27 mm	Titanium	83 g	4 116 030 77 00 032
A41-Ti2	< 100 kg	40 mm	Titanium	98 g	4 116 030 77 00 045

Multipurpose Joint Adapter

Adjustable from 180°–120° in both directions, incl. Allen key



Order No.	Weight limit	Description	Height	Material	Weight	Article No.	Pict.
A49-Ti1	< 100 kg	Adjusting screws on both sides	80 mm	Titanium	300 g	4 118 040 01 00 000	1
A49-Ti2	< 100 kg	Adjusting screws/ Tube clamp 30 mm	98 mm	Titanium	310 g	4 118 040 02 00 000	2

Shifting Adapter

A-P and M-L sliding adjustment of 10 mm



1



2

Order No.	Weight limit	Description	Material	Weight	Article No.	Pict.
VA1-Ti	< 100 kg	Tube clamp 30 mm/ pyramid	Titanium	130 g	4 117 010 99 00 000	1
VA2-Ti	< 100 kg	Tube clamp 30 mm/ adjusting screws	Titanium	140 g	4 117 010 77 00 000	2

Shifting Adapter

with 12 mm adjustments in each direction with sliding cross, total height: 27 mm



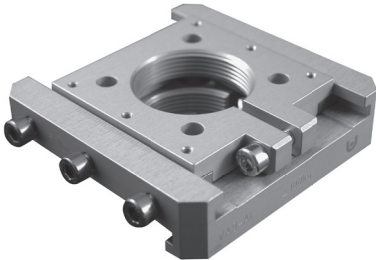
Order No.	Weight limit	Description	Material	Weight	Article No.
VA8-Al	< 100 kg	4-hole/4-hole	Aluminium/Titanium	179 g	4 117 030 00 00 000

1 Prosthetics

1.2 Modular Adapters

Shifting Adapter

with 25 mm adjustments in each direction (only for trial fittings)



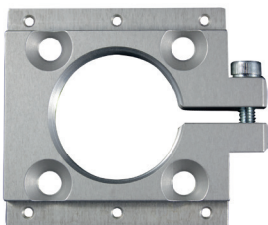
Order No.	Weight limit	Description	Material	Weight	Article No.
VA9-AL	< 100 kg	4-hole/M36x1,5	Aluminium	333 g	4 117 060 00 00 000

Example:



Order No.	Weight limit	Description	Material	Weight	Article No.
A87	< 150 kg	Adjusting screws with external M36 thread	Steel	55 g	4 620 040 00 00 000

Service Parts for VA9-AL Shifting Adapter



1



2

Order No.	Description	Article No.	Pict.
E-VA01	Housing for shifting adapter with 6 cap screws M5x10	4 117 069 00 00 001	-
E-VA02	Sliding unit for shifting adapter (with central bore)	4 117 069 00 00 002	1
E-VA03	2 strips for shifting adapter with 6 countersunk screws M3x6	4 117 069 00 00 003	2

TA-1 and TA-2 Rotation Adapters: *Greater flexibility for everyday activities.*

Greater independence when performing everyday activities: This is what Uniprox TA-1 and TA-2 rotation adapters represent. They restore natural mobility to transfemoral amputees in everyday situations. The transtibial section can be moved laterally, making it possible to sit comfortably again for long periods. Everyday situations such as putting on and taking off shoes or clothing can be once again mastered effortlessly.

The rotation adapters also make it easier to get into a car. When sitting in a vehicle the transtibial portion of the prosthesis can be swiveled laterally to relieve the groin.

The release button is easy to use, it moves freely and it is operated by means of an easily reached plastic button. It can be adapted to match the contour of the cosmetic cover.



Overview of Technical Highlights

The TA-1 rotation adapter can be assembled onto any 4-hole connector and it can rotate up to 5° thanks to its elongated mounting hole. An additional socket adapter is not required.



The TA-2 rotation adapter offers even more adjustment options with the M36 threaded connector.



1 Prosthetics

1.3 Functional Adapters



1



2

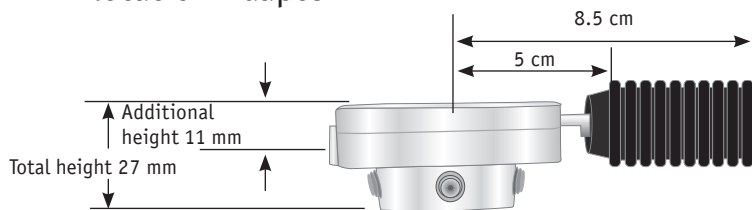
Order No.	Article No.
TA-1	4 162 010 00 00 000
TA-2	4 162 020 00 00 000

Technical Data: TA-1 and TA-2

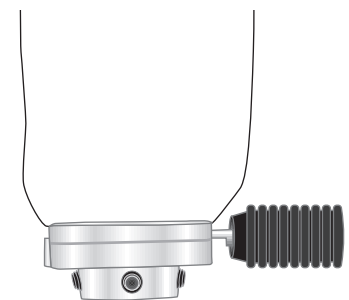
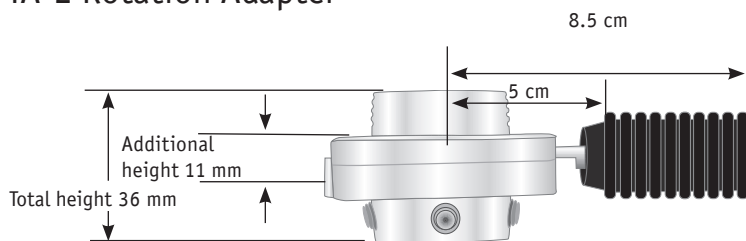
	Total height	Additional height	Release button length	Max. Rotation	Rotation potential*	Weight limit	Material	Weight	Pict.
TA-1	27 mm	approx. 11 mm	min. 5 cm max. 8,5 cm	360° without cosmetic cover	approx. 5° with the 4-hole connector	< 150 kg	Titanium	220 g	1
TA-2	36 mm	approx. 11 mm	min. 5 cm max. 8,5 cm	360° without cosmetic cover	approx. 30° with the M-36 thread	< 150 kg	Titanium	268 g	2

* with component assembly

TA-1 Rotation Adapter



TA-2 Rotation Adapter



Attachment with 4-hole adapter

Replacement Parts for Rotation Adapters

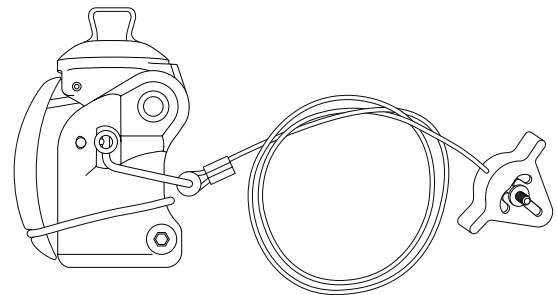
Order No.	Description	Article No.
E-TA01	Push button, black	4 162 019 00 00 000
E-TA02	Sliding releaser	4 162 019 00 00 001

JT01 Modular Monocentric Locking Knee Joint for Geriatrics



The modular monocentric locking knee joint for geriatrics without the adjustability of the swing phase is easy for geriatrics to manage. It is characterized by its light weight, which makes it very comfortable to wear. The posterior placement of the knee axis provides high stance-phase stability.

Alignment recommendation: traditional alignment.



Order No.	Description	Article No.
JT01	Modular Monocentric Locking Knee Joint for Geriatrics	4 124 000 00 00 000

Technical Data JT01

Weight limit	Material	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
< 85 kg	Aluminium	20 mm/42 mm	295 g	140°	Pyramid	30 mm tube clamp

Service Parts JT01

Order No.	Description	Article No.
E-JT01-01	Knee cap	4 124 009 01 00 000
E-JT01-02	Holding device (O-ring)	4 124 009 02 00 000
E-JT01-03	Extension stop, delivery unit = 1 piece	4 124 009 09 00 000
E-JT01-04	Lock handle, complete	4 123 009 01 00 000
E-JT01-05	Cable clamp	4 124 009 11 00 000
E-JT01-06	Threaded fitting, short	4 124 009 12 00 000

1 Prosthetics

1.4 Prosthetic Knee Joints

JT02 Modular Monocentric Knee Joint with Manual Lock and Extension Assist



The modular monocentric knee joint is a locked joint design for prosthetics users who require high stability. The stance phase stability is secured by the knee lock. An integrated spring unit assists in the extension of the knee joint to the locked position.

Alignment recommendation: traditional alignment.



Order No.	Description	Material	Article No.
JT02-St	Modular Monocentric Knee Joint	Steel	4 126 000 00 22 000
JT02-Ti	Modular Monocentric Knee Joint	Titanium	4 126 000 00 33 000

Technical Data JT02

Order No.	Weight limit	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
JT02-St	< 125 kg	24 mm/80 mm	560 g	120°	Pyramid	Pyramid
JT02-Ti	< 100 kg	24 mm/80 mm	405 g	120°	Pyramid	Pyramid

Service Parts JT02

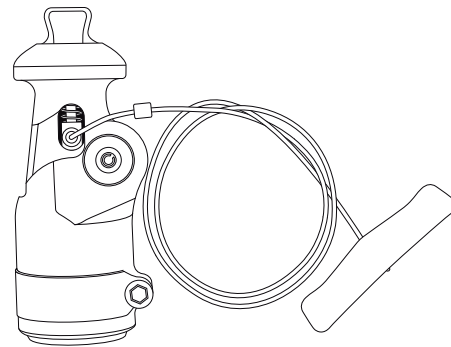
Order No.	Description	Article No.
E-JT01-04	Lock handle, complete	4 123 009 01 00 000
E-JT01-05	Cable clamp	4 124 009 11 00 000
E-JT01-06	Threaded fitting, short	4 124 009 12 00 000
E-JT02-01	Knee cap	4 126 009 01 00 000
E-JT02-02	Spring guide housing	4 126 009 04 00 000
E-JT02-03	Spring	4 126 009 10 00 000
E-JT02-04	Cap screw, M4x8	4 126 009 12 00 000

JT03 Single-Axis Lightweight Knee Joint with Pyramid



This single - axis lightweight knee joint is recommended for geriatric patients requiring high stability. The locking pin engages audibly and can be easily released – also while load bearing - due to its conical form. Its very light weight makes it comfortable.

Alignment recommendation: traditional alignment.



Order No.	Description	Article No.
JT03	Lightweight knee joint with pyramid	4 127 000 00 00 000

Technical Data JT03

Weight limit	Material	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
< 100 kg	Aluminium/ Titanium	35 mm/56 mm	295 g	150°	Pyramid	30 mm tube clamp

Service Parts JT03

Order No.	Description	Article No.
E-JT03-01	Axis bearing	4 127 009 01 00 000
E-JT03-02	Knee lock cable	4 127 009 03 00 000
E-JT03-03	Clamp liner for lock	4 127 009 05 00 000
E-JT03-04	Clamp screw	4 127 009 07 00 000

1 Prosthetics

1.4 Prosthetic Knee Joints

JT05 Modular Monocentric Safety Knee Joint



This modular safety knee joint is recommended for patients requiring high stability but able to walk without a locked knee joint. The weight-activated locking mechanism provides stability in the stance phase and a spring unit assists in the extension. It is also very light, which makes it very comfortable.

Alignment recommendation: traditional alignment.



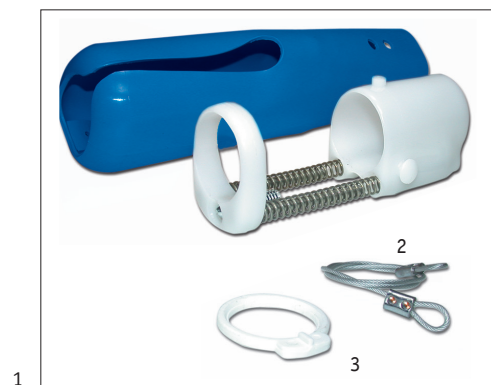
Order No.	Description	Article No.
JT05-St	Modular Monocentric Safety Knee Joint, Steel	4 130 010 00 22 000
JT05-Ti	Modular Monocentric Safety Knee Joint, Titanium	4 130 010 00 33 000

Technical Data JT05

Order No.	Weight limit	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
JT05-St	< 100 kg	27 mm/56 mm	530 g	150°	Pyramid	Pyramid
JT05-Ti	< 100 kg	27 mm/56 mm	355 g	150°	Pyramid	Pyramid

Service Parts JT05

Order No.	Description	Article No.
E-JT05-01	Brake bushing	4 130 009 01 00 000
E-JT05-02	Bushing safety device	4 130 009 02 00 000
E-JT05-03	Axis screw	4 130 009 03 00 000
E-JT05-04	Extension stop, inferior	4 130 009 04 00 000
E-JT05-05	Rubber bumper	4 130 009 05 00 000
E-JT05-06	Brass washer, small, 2 pieces	4 130 009 06 00 000
E-JT05-07	Swing axis holding device	4 130 009 07 00 000
E-JT05-08	Swing axis	4 130 009 08 00 000
E-JT05-09	Brass washer, small, 2 pieces	4 130 009 09 00 000
E-JT05-10	Extension stop, superior	4 130 009 10 00 000

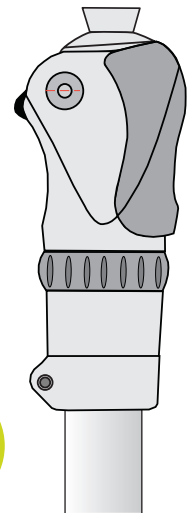


Order No.	Description	Article No.	Pict.
E-JT05-11	Extension assist set for JT05	4 130 010 00 00 001	1
Service Parts for Extension Assist for JT05 Knee Joint			
E-JT05-16	Extension assist cable, length: 304 mm	4 130 019 05 00 000	2
E-JT05-17	Centering ring	4 130 009 12 00 001	3

JT09 Modular Monocentric Safety Knee Joint



- Monocentric Safety Knee Joint
- High stance-phase stability
- Weights up to 150 kg
- Easy to adjust the swingphase control



Order No.	Description	Article No.
JT09	JT09 Safety Knee Joint	4 176 010 01 00 000

! Please order tube adapter A4-Ti400 separately.

Technical Data JT09

Weight limit	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
< 150 kg	26 mm/117 mm	890 g	145°	Pyramid adapter	34 mm tube clamp



Setting the stance-phase stability



Setting the integrated spring extension assist (can be done externally without tools)

Service Parts JT09



Order No.	Weight limit	Material	Length	Weight	Article No.
A30	< 100 kg	Aluminium	100 mm	91 g	4 610 07 000 00 008

1 Prosthetics

1.4 Prosthetic Knee Joints

JT20/JT22 Polycentric Knee Joints



A mechanical spring extension assist and a pneumatic shock absorber –so called final extension stop shock absorption– are included on the JT20. The two components work together to produce a harmonious gait pattern. With a weight limit of 150 kilograms and a design for mobility levels 2 and 3, the knee joint can be used by a wide range of patients. Pneumatic swing phase control with a separate adjustment of flexion and extension. With a weight limit of 150 kilograms and a design for mobility levels 3. The technology behind this is two pole curves that can easily be adjusted by simply turning the extender wheel. On “S”, the knee joint is set for high stability. On this setting, the center of rotation is still in the stable range. On the “D” setting the JT22 allows for a more dynamic gait. The center of rotation falls more in the dynamic range. Depending on the prosthesis wearer’s condition, he or she can use the polycentric JT22 for the majority of the rehabilitation process. High stability is a top priority at the start of rehab and then when the prosthesis wearer gets more mobile, a prosthetist can quickly and easily adjust the joint for a more dynamic gait.



JT20

JT22

All that is needed to switch from a stable geometry to a dynamic one is a simple twist of the extender wheel:

“S” stands for high stance-phase stability
 “D” is for a more dynamic gait

Pole curve progression
 red: stable
 green: dynamic



Technical Data JT20/JT22

Order No.	Weight limit	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
JT20-PYR	< 150 kg	15 mm/132 mm	790 g	135°	Pyramid adapter	34 mm tube clamp
JT20-M36	< 150 kg	10 mm/127 mm	790 g	135°	M36 thread	34 mm tube clamp
JT22-PYR	< 150 kg	15 mm/132 mm	820 g	135°	Pyramid adapter	34 mm tube clamp
JT22-M36	< 150 kg	10 mm/127 mm	820 g	135°	M36 thread	34 mm tube clamp

JT20/JT22



1



2

Order No.	Description	Article No.	Pict.
JT20-PYR	JT20S with pyramid	4 170 010 01 00 000	1
JT20-M36	JT20S with M36 adapter	4 170 010 02 00 000	2
JT22-PYR	JT22S with pyramid	4 170 010 11 00 000	1
JT22-M36	JT22S with M36 adapter	4 170 010 12 00 000	2

! Please order tube adapter A4-Ti400 separately.

Service Parts JT20/22



A86
Knee disarticulation anchor



A30
Reduction Adapter 34/30 mm

Order No.	Description	Weight limit	Material	Weight	Article No.
E-JT20-01	Pyramid adapter for JT20/JT22	< 150 kg	Steel	80 g	4 170 001 00 22 001
E-JT20-02	M36 thread for JT20/JT22	< 150 kg	Steel	80 g	4 170 001 00 22 002
A86	Knee disarticulation anchor	< 150 kg	Steel	170 g	4 114 080 05 22 000
A30	Reduction Adapter 34/30 mm	< 100 kg	Aluminium	91 g	4 610 070 00 00 008

1 Prosthetics

1.4 Prosthetic Knee Joints

JT20S/JT22S Polycentric Knee Joints with flexible stance control

In polycentric knee joints the placement of the axes (axis geometry), as well as the structure and the associated transferral of vertical forces, is critical to the stability of the joint. Thanks to its adjustable flexible posture control and the adjustable axis geometry, the JT22S offers two important options for adjusting joint stability to the individual needs of the patient. The adjustable flexible posture control offers the user the option of primary bending of up to 5° without causing flexion, which significantly increases stability particularly when going downhill. In addition, stability can be increased ("S"=stable) or reduced ("D"=dynamic) using the adjustable axis geometry. The function of the JT22S is rounded off by pneumatic swing phase monitoring, in which flexion and extension can be set separately from one another.



JT20S



JT22S

Technical Specifications

- Infinitely adjustable flexible stance control for more stability
- Adjustable flexion and extension control
- Improved gait pattern by pneumatic swing phase control (JT22S)
- Pneumatic extension stop
- Weight limit 150 kg
- Walking speed max. 5 km/h
- Optional connection of proximal (pyramid or M36 thread)



JT20S/JT22S

Technical Data JT20S/JT22S

Order No.	Weight limit	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
JT20S-PYR	< 150 kg	15 mm/132 mm	790 g	135°	Pyramid adapter	34 mm tube clamp
JT20S-M36	< 150 kg	10 mm/127 mm	790 g	135°	M36 thread	34 mm tube clamp
JT22S-PYR	< 150 kg	15 mm/132 mm	820 g	135°	Pyramid adapter	34 mm tube clamp
JT22S-M36	< 150 kg	10 mm/127 mm	820 g	135°	M36 thread	34 mm tube clamp



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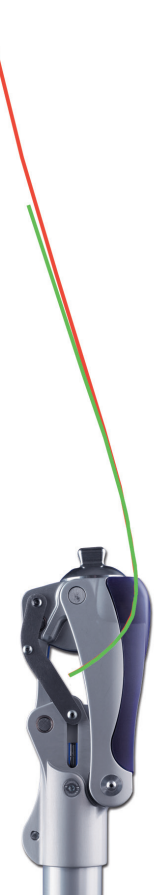
Order No.	Description	Article No.	Pict.
JT20S-PYR	JT20S with pyramid	4 170 010 01 10 000	1
JT20S-M36	JT20S with M36 adapter	4 170 010 02 10 000	2
JT22S-PYR	JT22S with pyramid	4 170 010 11 10 000	1
JT22S-M36	JT22S with M36 adapter	4 170 010 12 10 000	2

! Please order tube adapter A4-Ti400 separately.

Service Parts JT20S/JT22S

Order No.	Description	Weight limit	Material	Weight	Article No.
E-JT20-01	Pyramid adapter for JT20S/JT22S	< 150 kg	Steel	80 g	4 170 001 00 22 001
E-JT20-02	M36 thread for JT20S/JT22S	< 150 kg	Steel	80 g	4 170 001 00 22 002
A86	Knee disarticulation anchor	< 150 kg	Steel	170 g	4 114 080 05 22 000
A30	Reduction Adapter 34/30 mm	< 100 kg	Aluminium	91 g	4 610 070 00 00 008

Pole curve progression
red: stable
green: dynamic



1 Prosthetics

1.4 Prosthetic Knee Joints

JT30 Polycentric Hydraulic Knee Joint with flexible stance control



The JT30 is a powerful polycentric hydraulic knee joint for medium class activities.

- Adjustable flexible stance control (bouncing)
- Hydraulic swing phase control
- Variable extension support by exchangeable springs
- Weight limit 125 kg



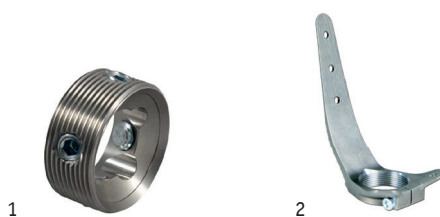
! Please order the extension spring set separately.

Order No.	Description	Material	Article No.
JT30	Polycentric hydraulic knee joint with flexible stance control	Aluminium	4 610 060 00 00 000

Technical Data JT30

Order No.	Weight limit	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
JT30	< 125 kg	15 mm/164 mm	840 g	150°	Pyramid	Pyramid

Service parts for Knee-Disarticulation and long-stump treatment



Order No.	Description	Weight limit	Material	Weight	Article No.	Pict.
A87	M36 adapter	< 150 kg	Steel	55 g	4 620 040 00 00 000	1
A86	Knee disarticulation anchor	< 150 kg	Steel	170 g	4 114 080 05 22 000	2

Service Parts JT30

Order No.	Description	Article No.
E-JT30-EFS	Extensionspring-Set • Adjustable extension support in 6 different strengths which can be attached laterally • Contains "strong" and "weak" springs for the right side and "weak" springs for the left side	4 610 069 00 00 000

JT40 Monocentric Hydraulic Knee Joint



The JT40 is a compact light-weight monocentric knee joint for medium class activities.

- Back-shifted center of rotation
- Hydraulic swing phase control
- Light-weight and small construction from Aluminium
- Weight limit 100 kg



Order No.	Description	Material	Article No.
JT40	Monocentric Knee Joint with Hydraulic	Aluminium	4 610 070 00 00 000

Technical Data JT40

Order No.	Weight limit	Installation height above the axis center of rotation	Weight	Flexion angle	Proximal connection	Distal connection
JT40	< 100 kg	15 mm/140 mm	496 g	170°	Pyramid	30 mm tube clamp

1 Prosthetics

1.4 Prosthetic Knee Joints

H2 Modular Hip Joint



The H2 aluminum modular hip joint is designed for hip disarticulation or hemipelvectomy patients with low activity. The construction design provides high stance phase stability and slight swing phase control.



Order No.	Description	Article No.
H2	Modular Hip Joint	4 139 000 00 00 000

Technical Data H2

Weight limit	Material	Weight	Proximal connection	Distal connection
< 100 kg	Aluminium	790 g	Lamination plate	30 mm tube

Service Parts H2

Order No.	Description	Article No.
E-H2-01	Distal slide control anchor	4 139 009 01 00 000
E-H2-02	Proximal slide control anchor	4 139 009 02 00 000
E-H2-03	Bumper	4 139 009 03 00 000
E-H2-04	Extension stop bumper	4 139 009 04 00 000
E-H2-05	Hip extension assist, latex, 10 mm	4 139 009 05 00 000
E-H2-06	Hip extension assist, latex, 8 mm	4 139 009 06 00 000

1 Prosthetics

1.5 Hip Joints

H3 Modular Hip Joint



The Modular Hip Joint H3 enables an infinitely variable adjustment of the abduction/adduction and of the flexion/extension. In addition the extension assist can be adjusted.



Order No.	Description	Article No.
H3	Modular Hip Joint	4 141 000 00 00 000

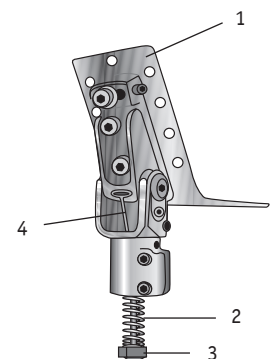
You can find tube clamp adapters that fit with the H3 modular hip joint in the Modular Adapters category.

Technical Data H3

Weight limit	Material	Weight	Proximal connection	Distal connection
< 100 kg	Aluminum/Titanium/Steel	875 g	Lamination plate	30 mm tube

Serviceteile zum H3

Order No.	Description	Article No.	Pict.
E-H3-01	Lamination plate, inclination 120°	4 141 009 01 00 000	1
E-H3-02	Slide control spring (hip extension assist)	4 141 009 02 00 000	2
E-H3-03	Guide sleeve	4 141 009 03 00 000	-
E-H3-04	Adjusting nut	4 141 009 04 00 000	3
E-H3-05	Steel tappet	4 141 009 05 00 000	4
E-H3-06	Bronze tappet	4 141 009 06 00 000	4
E-H3-07	Guide pin	4 141 009 07 00 000	-
E-H3-08	Adjusting screw	4 141 009 08 00 000	-
E-H3-09	Safety plate	4 141 009 09 00 000	-
E-H3-11	Extension stop bumper	4 141 009 11 00 000	-
E-H3-12	Hexagon socket head cap screw, M8x25	4 141 009 12 00 000	-
E-H3-13	Hexagon socket head cap screw, M5x30	4 141 009 13 00 000	-
E-H3-14	Lamination plate, inclination 130°	4 141 009 15 00 000	-

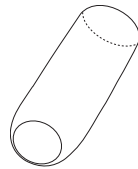


Silicone Liner, transparent (standard)

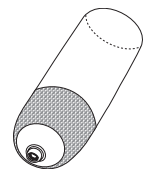


- Wall thickness: 2.5 mm
- Length: 350 mm
- With and without distal connector
- Standard liner for residual limbs with healthy soft tissue
- Also for immediate postoperative fittings
- Reduced shear and friction in the socket
- Absorbs shocks and distributes pressure spots around the prosthesis
- Including Liner stand

Silicone Liner without distal connector and inner reinforcement



Silicone Liner with 10 cm inner reinforcement and distal connector



Order No.	Circumference (cm)	Article No.
L20-20	20	4 143 010 00 00 200
L20-21	21	4 143 010 00 00 210
L20-22	22	4 143 010 00 00 220
L20-23,5	23,5	4 143 010 00 00 235
L20-25	25	4 143 010 00 00 250
L20-26,5	26,5	4 143 010 00 00 265
L20-28	28	4 143 010 00 00 280
L20-30	30	4 143 010 00 00 300
L20-32	32	4 143 010 00 00 320
L20-34	34	4 143 010 00 00 340
L20-36	36	4 143 010 00 00 360
L20-38	38	4 143 010 00 00 380
L20-40	40	4 143 010 00 00 400
L20-42	42	4 143 010 00 00 420
L20-45	45	4 143 010 00 00 450

Order No.	Circumference (cm)	Article No.
L03-16	16	4 143 010 10 00 160
L03-18	18	4 143 010 10 00 180
L03-20	20	4 143 010 10 00 200
L03-21	21	4 143 010 10 00 210
L03-22	22	4 143 010 10 00 220
L03-23,5	23,5	4 143 010 10 00 235
L03-25	25	4 143 010 10 00 250
L03-26,5	26,5	4 143 010 10 00 265
L03-28	28	4 143 010 10 00 280
L03-30	30	4 143 010 10 00 300
L03-32	32	4 143 010 10 00 320
L03-34	34	4 143 010 10 00 340
L03-36	36	4 143 010 10 00 360
L03-38	38	4 143 010 10 00 380
L03-40	40	4 143 010 10 00 400
L03-42	42	4 143 010 10 00 420
L03-45	45	4 143 010 10 00 450

The circumference is measured 4 cm above distal end of the stump.

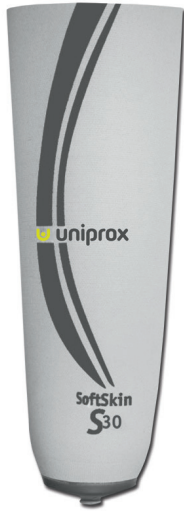
1 Prosthetics

1.6 Liners and Locking Devices

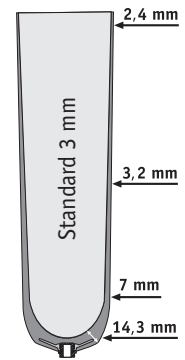
Uniprox SoftSkin-Liner

SoftSkin S30

The gentle liner



- Shore hardness: 30
- Thickness: 3 mm
- Length: 350 mm
- Soft cushioning of the stump
- Good gripping effect of the silicone
- Comfortable and easy to handle
- For patients with mobility levels 1–3
- Easy donning due to special coating of the textile
- New textile cover provides good containment (no matrix needed)
- Stainless steel pin fitting
- Including liner stand



Order No.	Distal circumference (cm)	Article No.
S30-16	16	4 164 010 30 00 160
S30-18	18	4 164 010 30 00 180
S30-20	20	4 164 010 30 00 200
S30-21	21	4 164 010 30 00 210
S30-22	22	4 164 010 30 00 220
S30-23,5	23,5	4 164 010 30 00 235
S30-25	25	4 164 010 30 00 250
S30-26,5	26,5	4 164 010 30 00 265
S30-28	28	4 164 010 30 00 280

Order No.	Distal circumference (cm)	Article No.
S30-30	30	4 164 010 30 00 300
S30-32	32	4 164 010 30 00 320
S30-34	34	4 164 010 30 00 340
S30-36	36	4 164 010 30 00 360
S30-38	38	4 164 010 30 00 380
S30-40	40	4 164 010 30 00 400
S30-42	42	4 164 010 30 00 420
S30-45	45	4 164 010 30 00 450

SoftSkin S30CL



- Properties such as SoftSkin S30
- Without distal connector



Order No.	Circumference (cm)	Article No.
S30CL-16	16	4 168 010 30 00 160
S30CL-18	18	4 168 010 30 00 180
S30CL-20	20	4 168 010 30 00 200
S30CL-21	21	4 168 010 30 00 210
S30CL-22	22	4 168 010 30 00 220
S30CL-23,5	23,5	4 168 010 30 00 235
S30CL-25	25	4 168 010 30 00 250
S30CL-26,5	26,5	4 168 010 30 00 265
S30CL-28	28	4 168 010 30 00 280

Order No.	Circumference (cm)	Article No.
S30CL-30	30	4 168 010 30 00 300
S30CL-32	32	4 168 010 30 00 320
S30CL-34	34	4 168 010 30 00 340
S30CL-36	36	4 168 010 30 00 360
S30CL-38	38	4 168 010 30 00 380
S30CL-40	40	4 168 010 30 00 400
S30CL-42	42	4 168 010 30 00 420
S30CL-45	45	4 168 010 30 00 450

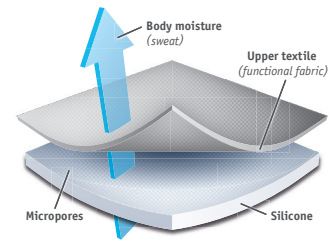
The circumference is measured 4 cm above the distal end of the residual limb.

SoftSkin Air® S30



The breathable Silicone-Liner

- Shore hardness: 30
- Thickness: 3 mm
- Length: 370 mm
- Soft cushioning of the stump
- Less sweating due to special micropores
- Long time wearing comfort
- Increased safety due to better friction on the skin
- Easy donning due to special coating of the textile
- New textile cover provides good containment (no matrix needed)
- Stainless steel pin fitting
- Including liner stand



Order No.	Distal circumference (cm)	Article No.
S30-16-Air	16	4 164 020 30 00 160
S30-18-Air	18	4 164 020 30 00 180
S30-20-Air	20	4 164 020 30 00 200
S30-21-Air	21	4 164 020 30 00 210
S30-22-Air	22	4 164 020 30 00 220
S30-23,5-Air	23,5	4 164 020 30 00 235
S30-25-Air	25	4 164 020 30 00 250
S30-26,5-Air	26,5	4 164 020 30 00 265
S30-28-Air	28	4 164 020 30 00 280

Order No.	Distal circumference (cm)	Article No.
S30-30-Air	30	4 164 020 30 00 300
S30-32-Air	32	4 164 020 30 00 320
S30-34-Air	34	4 164 020 30 00 340
S30-36-Air	36	4 164 020 30 00 360
S30-38-Air	38	4 164 020 30 00 380
S30-40-Air	40	4 164 020 30 00 400
S30-42-Air	42	4 164 020 30 00 420
S30-45-Air	45	4 164 020 30 00 450

SoftSkin Air® S30CL



- Properties such as SoftSkin S30-Air
- Without distal connector



Order No.	Circumference (cm)	Article No.
S30CL-16-Air	16	4 168 020 30 00 160
S30CL-18-Air	18	4 168 020 30 00 180
S30CL-20-Air	20	4 168 020 30 00 200
S30CL-21-Air	21	4 168 020 30 00 210
S30CL-22-Air	22	4 168 020 30 00 220
S30CL-23,5-Air	23,5	4 168 020 30 00 235
S30CL-25-Air	25	4 168 020 30 00 250
S30CL-26,5-Air	26,5	4 168 020 30 00 265
S30CL-28-Air	28	4 168 020 30 00 280

Order No.	Circumference (cm)	Article No.
S30CL-30-Air	30	4 168 020 30 00 300
S30CL-32-Air	32	4 168 020 30 00 320
S30CL-34-Air	34	4 168 020 30 00 340
S30CL-36-Air	36	4 168 020 30 00 360
S30CL-38-Air	38	4 168 020 30 00 380
S30CL-40-Air	40	4 168 020 30 00 400
S30CL-42-Air	42	4 168 020 30 00 420
S30CL-45-Air	45	4 168 020 30 00 450

The circumference is measured 4 cm above the distal end of the residual limb.

1 Prosthetics

1.6 Liners and Locking Devices

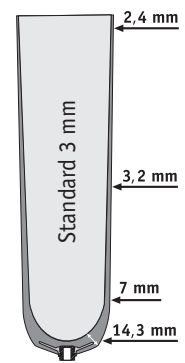
Uniprox SoftSkin-Liner

SoftSkin S40



The comfortable liner

- Shore hardness: 40
- Thickness: 3 mm
- Length: 370 mm
- Soft cushioning of the stump
- Good gripping effect of the silicone
- Comfortable and easy to handle
- For patients with mobility levels 1–3
- Easy donning due to special coating of the textile
- New textile cover provides good containment (no matrix needed)
- With distal connector
- Stainless steel pin fitting
- Including liner stand



Order No.	Distal circumference (cm)	Article No.
S40-16	16	4 164 010 40 00 160
S40-18	18	4 164 010 40 00 180
S40-20	20	4 164 010 40 00 200
S40-21	21	4 164 010 40 00 210
S40-22	22	4 164 010 40 00 220
S40-23,5	23,5	4 164 010 40 00 235
S40-25	25	4 164 010 40 00 250
S40-26,5	26,5	4 164 010 40 00 265
S40-28	28	4 164 010 40 00 280

Order No.	Distal circumference (cm)	Article No.
S40-30	30	4 164 010 40 00 300
S40-32	32	4 164 010 40 00 320
S40-34	34	4 164 010 40 00 340
S40-36	36	4 164 010 40 00 360
S40-38	38	4 164 010 40 00 380
S40-40	40	4 164 010 40 00 400
S40-42	42	4 164 010 40 00 420
S40-45	45	4 164 010 40 00 450

SoftSkin S40CL



- Properties such as SoftSkin S40
- Without distal connector



Order No.	Circumference (cm)	Article No.
S40CL-16	16	4 168 010 40 00 160
S40CL-18	18	4 168 010 40 00 180
S40CL-20	20	4 168 010 40 00 200
S40CL-21	21	4 168 010 40 00 210
S40CL-22	22	4 168 010 40 00 220
S40CL-23,5	23,5	4 168 010 40 00 235
S40CL-25	25	4 168 010 40 00 250
S40CL-26,5	26,5	4 168 010 40 00 265
S40CL-28	28	4 168 010 40 00 280

Order No.	Circumference (cm)	Article No.
S40CL-30	30	4 168 010 40 00 300
S40CL-32	32	4 168 010 40 00 320
S40CL-34	34	4 168 010 40 00 340
S40CL-36	36	4 168 010 40 00 360
S40CL-38	38	4 168 010 40 00 380
S40CL-40	40	4 168 010 40 00 400
S40CL-42	42	4 168 010 40 00 420
S40CL-45	45	4 168 010 40 00 450

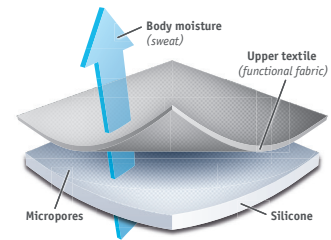
The circumference is measured 4 cm above the distal end of the residual limb.

SoftSkin Air® S40



The breathable Silicone-Liner

- Shore hardness: 40
- Thickness: 3 mm
- Length: 370 mm
- Soft cushioning of the stump
- Less sweating due to special micropores
- Long time wearing comfort
- Increased safety due to better friction on the skin
- Easy donning due to special coating of the textile
- New textile cover provides good containment (no matrix needed)
- With distal connector
- Stainless steel pin fitting
- Including liner stand



Order No.	Distal circumference (cm)	Article No.
S40-16-Air	16	4 164 020 40 00 160
S40-18-Air	18	4 164 020 40 00 180
S40-20-Air	20	4 164 020 40 00 200
S40-21-Air	21	4 164 020 40 00 210
S40-22-Air	22	4 164 020 40 00 220
S40-23,5-Air	23,5	4 164 020 40 00 235
S40-25-Air	25	4 164 020 40 00 250
S40-26,5-Air	26,5	4 164 020 40 00 265
S40-28-Air	28	4 164 020 40 00 280

Order No.	Distal circumference (cm)	Article No.
S40-30-Air	30	4 164 020 40 00 300
S40-32-Air	32	4 164 020 40 00 320
S40-34-Air	34	4 164 020 40 00 340
S40-36-Air	36	4 164 020 40 00 360
S40-38-Air	38	4 164 020 40 00 380
S40-40-Air	40	4 164 020 40 00 400
S40-42-Air	42	4 164 020 40 00 420
S40-45-Air	45	4 164 020 40 00 450

SoftSkin Air® S40CL



- Properties such as SoftSkin S40-Air
- Without distal connector



Order No.	Circumference (cm)	Article No.
S40CL-16-Air	16	4 168 020 40 00 160
S40CL-18-Air	18	4 168 020 40 00 180
S40CL-20-Air	20	4 168 020 40 00 200
S40CL-21-Air	21	4 168 020 40 00 210
S40CL-22-Air	22	4 168 020 40 00 220
S40CL-23,5-Air	23,5	4 168 020 40 00 235
S40CL-25-Air	25	4 168 020 40 00 250
S40CL-26,5-Air	26,5	4 168 020 40 00 265
S40CL-28-Air	28	4 168 020 40 00 280

Order No.	Circumference (cm)	Article No.
S40CL-30-Air	30	4 168 020 40 00 300
S40CL-32-Air	32	4 168 020 40 00 320
S40CL-34-Air	34	4 168 020 40 00 340
S40CL-36-Air	36	4 168 020 40 00 360
S40CL-38-Air	38	4 168 020 40 00 380
S40CL-40-Air	40	4 168 020 40 00 400
S40CL-42-Air	42	4 168 020 40 00 420
S40CL-45-Air	45	4 168 020 40 00 450

The circumference is measured 4 cm above the distal end of the residual limb.

1 Prosthetics

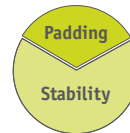
1.6 Liners and Locking Devices

SoftSkin S50

The active liner



- Shore hardness: 50
- Thickness: 3 mm
- Length: 370 mm
- Hard silicone stabilizes the soft tissue
- Combination of firm silicone and textile provides optimal control longer
- For patients with mobility levels 2–4
- Easy donning due to special coating of the textile
- New textile cover provides good containment (no matrix needed)
- With distal connector
- Stainless steel pin fitting
- Including liner stand



Order No.	Circumference (cm)	Article No.
S50-16	16	4 164 010 50 00 160
S50-18	18	4 164 010 50 00 180
S50-20	20	4 164 010 50 00 200
S50-21	21	4 164 010 50 00 210
S50-22	22	4 164 010 50 00 220
S50-23,5	23,5	4 164 010 50 00 235
S50-25	25	4 164 010 50 00 250
S50-26,5	26,5	4 164 010 50 00 265
S50-28	28	4 164 010 50 00 280

Order No.	Circumference (cm)	Article No.
S50-30	30	4 164 010 50 00 300
S50-32	32	4 164 010 50 00 320
S50-34	34	4 164 010 50 00 340
S50-36	36	4 164 010 50 00 360
S50-38	38	4 164 010 50 00 380
S50-40	40	4 164 010 50 00 400
S50-42	42	4 164 010 50 00 420
S50-45	45	4 164 010 50 00 450

SoftSkin S50CL



- Properties such as SoftSkin S50
- Without distal connector



Order No.	Circumference (cm)	Article No.
S50CL-16	16	4 168 010 50 00 160
S50CL-18	18	4 168 010 50 00 180
S50CL-20	20	4 168 010 50 00 200
S50CL-21	21	4 168 010 50 00 210
S50CL-22	22	4 168 010 50 00 220
S50CL-23,5	23,5	4 168 010 50 00 235
S50CL-25	25	4 168 010 50 00 250
S50CL-26,5	26,5	4 168 010 50 00 265
S50CL-28	28	4 168 010 50 00 280

Order No.	Circumference (cm)	Article No.
S50CL-30	30	4 168 010 50 00 300
S50CL-32	32	4 168 010 50 00 320
S50CL-34	34	4 168 010 50 00 340
S50CL-36	36	4 168 010 50 00 360
S50CL-38	38	4 168 010 50 00 380
S50CL-40	40	4 168 010 50 00 400
S50CL-42	42	4 168 010 50 00 420
S50CL-45	45	4 168 010 50 00 450

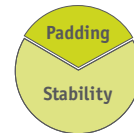
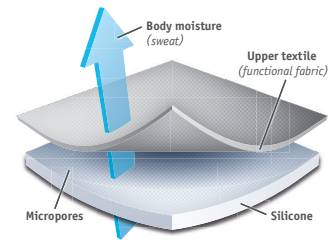
The circumference is measured 4 cm above the distal end of the residual limb.

SoftSkin Air® S50



The breathable Silicone-Liner

- Shore hardness: 50
- Thickness: 3 mm
- Length: 370 mm
- Hard silicone stabilizes the soft tissue
- Less sweating due to special micropores
- Long time wearing comfort
- Increased safety due to better friction on the skin
- Combination of firm silicone and textile provides optimal control longer
- Easy donning due to special coating of the textile
- New textile cover provides good containment (no matrix needed)
- With distal connector
- Stainless steel pin fitting
- Including liner stand



Order No.	Circumference (cm)	Article No.
S50-16-Air	16	4 164 020 50 00 160
S50-18-Air	18	4 164 020 50 00 180
S50-20-Air	20	4 164 020 50 00 200
S50-21-Air	21	4 164 020 50 00 210
S50-22-Air	22	4 164 020 50 00 220
S50-23,5-Air	23,5	4 164 020 50 00 235
S50-25-Air	25	4 164 020 50 00 250
S50-26,5-Air	26,5	4 164 020 50 00 265
S50-28-Air	28	4 164 020 50 00 280

Order No.	Circumference (cm)	Article No.
S50-30-Air	30	4 164 020 50 00 300
S50-32-Air	32	4 164 020 50 00 320
S50-34-Air	34	4 164 020 50 00 340
S50-36-Air	36	4 164 020 50 00 360
S50-38-Air	38	4 164 020 50 00 380
S50-40-Air	40	4 164 020 50 00 400
S50-42-Air	42	4 164 020 50 00 420
S50-45-Air	45	4 164 020 50 00 450

SoftSkin Air® S50CL



- Properties such as SoftSkin S50-Air
- Without distal connector



Order No.	Circumference (cm)	Article No.
S50CL-16-Air	16	4 168 020 50 00 160
S50CL-18-Air	18	4 168 020 50 00 180
S50CL-20-Air	20	4 168 020 50 00 200
S50CL-21-Air	21	4 168 020 50 00 210
S50CL-22-Air	22	4 168 020 50 00 220
S50CL-23,5-Air	23,5	4 168 020 50 00 235
S50CL-25-Air	25	4 168 020 50 00 250
S50CL-26,5-Air	26,5	4 168 020 50 00 265
S50CL-28-Air	28	4 168 020 50 00 280

Order No.	Circumference (cm)	Article No.
S50CL-30-Air	30	4 168 020 50 00 300
S50CL-32-Air	32	4 168 020 50 00 320
S50CL-34-Air	34	4 168 020 50 00 340
S50CL-36-Air	36	4 168 020 50 00 360
S50CL-38-Air	38	4 168 020 50 00 380
S50CL-40-Air	40	4 168 020 50 00 400
S50CL-42-Air	42	4 168 020 50 00 420
S50CL-45-Air	45	4 168 020 50 00 450

The circumference is measured 4 cm above the distal end of the residual limb.

1 Prosthetics

1.6 Liners and Locking Devices

SoftSkin TF

The comfortable liner



- Shore hardness: 40
- Thickness: 3 mm
- Length: 350 mm
- Soft cushioning of the stump
- For patients with mobility levels 1–4
- Easy donning due to special coating of the textile
- With distal connector
- Has high transverse elasticity so flexibly adapts to residual limb shape
- The special combination of fabrics effectively minimizes longitudinal travel
- Including liner stand



Order No.	Circumference (cm)	Article No.
STF-28	28	4 165 010 60 00 280
STF-30	30	4 165 010 60 00 300
STF-32	32	4 165 010 60 00 320
STF-34	34	4 165 010 60 00 340
STF-36	36	4 165 010 60 00 360
STF-38	38	4 165 010 60 00 380

Order No.	Circumference (cm)	Article No.
STF-40	40	4 165 010 60 00 400
STF-42	42	4 165 010 60 00 420
STF-45	45	4 165 010 60 00 450
STF-50	50	4 165 010 60 00 500
STF-55	55	4 165 010 60 00 550

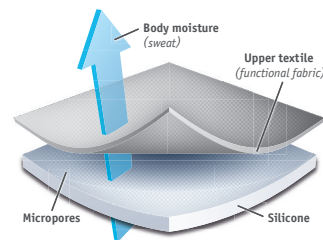
The circumference is measured 4 cm above the distal end of the residual limb.

SoftSkin Air® TF

The breathable Silicone-Liner



- Shore hardness: 40
- Thickness: 3 mm
- Length: 350 mm
- Soft cushioning of the stump
- Less sweating due to special micropores
- Long time wearing comfort
- Increased safety due to better friction on the skin
- Easy donning due to special coating of the textile
- With distal connector
- Has high transverse elasticity so flexibly adapts to residual limb shape
- The special combination of fabrics effectively minimizes longitudinal travel
- Including liner stand



Order No.	Circumference (cm)	Article No.	Order No.	Circumference (cm)	Article No.
STF-28-Air	28	4 165 020 60 00 280	STF-40-Air	40	4 165 020 60 00 400
STF-30-Air	30	4 165 020 60 00 300	STF-42-Air	42	4 165 020 60 00 420
STF-32-Air	32	4 165 020 60 00 320	STF-45-Air	45	4 165 020 60 00 450
STF-34-Air	34	4 165 020 60 00 340	STF-50-Air	50	4 165 020 60 00 500
STF-36-Air	36	4 165 020 60 00 360	STF-55-Air	55	4 165 020 60 00 550
STF-38-Air	38	4 165 020 60 00 380			

The circumference is measured 4 cm above the distal end of the residual limb.

1 Prosthetics

1.6 Liners and Locking Devices

SoftSkin Air Support Package

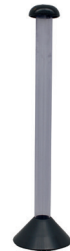


- Filled bag with zipper for amputees with liner treatment
- Size: 20x10x10 cm, material: Polyester
- Content: 6 Cotton stump socks, 5 Cleani-Stump towels (see PS-05)
- Available in 3 versions (for BK with or without silicone opening, for AK with silicone opening)

Order No.	Description	Content	Article No.
S40-Air-SP	SoftSkin Air Support Package	6x ST12-35 (BK stump sock w. opening), 5x Cleani-Stump	4 164 028 00 00 000
S40CL-Air-SP	SoftSkin Air CL Support Package	6x ST10-35 (BK stump sock w/o opening), 5x Cleani-Stump	4 168 028 00 00 000
STF-Air-SP	SoftSkin Air TF Support Package	6x ST23-35 (AK stump sock w. opening), 5x Cleani-Stump	4 165 028 00 00 000

Service Parts for SoftSkin-Liner

Liner stand from plastic to store the liner after use or washing.



Order No.	Height	Base of stand Circumference	Top of stand Circumference	Weight	Article No.
E-LSG	480 mm	160 mm	60 mm	181 g	4 650 909 00 55 000

Distal-Cup



- Distal thickness: 6 mm, thins out proximally
- Length: 150 mm
- Distal volume compensation for conically shaped residual limbs
- Soft padding for bony and scarred distal ends
- Soft silicone
- Shock absorbing
- Transparent

Order No.	Distal circumference (cm)	Silicone Liner Size	Article No.	Order No.	Distal circumference (cm)	Silicone Liner Size	Article No.
L01-06	6	14	4 143 070 00 00 060	L01-16	16	25	4 143 070 00 00 160
L01-07	7	16	4 143 070 00 00 070	L01-17	17	26,5	4 143 070 00 00 170
L01-09	9	18	4 143 070 00 00 090	L01-19	19	28	4 143 070 00 00 190
L01-11	11	20/21	4 143 070 00 00 110	L01-20	20	30	4 143 070 00 00 200
L01-12	12	22	4 143 070 00 00 120	L01-22	22	32	4 143 070 00 00 220
L01-14	14	23,5	4 143 070 00 00 140				

The circumference is measured 4 cm above the distal end of the residual limb.

Uniprox G30 GEL-Liner



- Available in 3 mm (circular) or 6/3 mm (anterior/posterior) thickness
- With or without distal attachment
- Thermoplastic formable (65°-85°C)
- Smooth and abrasion-resistant textile
- Optimum cushion
- Marginal wrinkles in the knee back area
- High skin tolerance
- Including liner stand



G30L–with distal attachment

Order No.	Size	Proximal circumference (cm)	Distal circumference (cm)	Article No.
G30L-S-3	S, 3 mm uniform	29–31,5	16–23,5	4 650 010 00 01 000
G30L-M-3	M, 3 mm uniform	30–36	21–28	4 650 010 00 02 000
G30L-L-3	L, 3 mm uniform	37–50	25–37	4 650 010 00 03 000
G30L-XL-3	XL, 3 mm uniform	42–55	28–40	4 650 010 00 04 000
G30L-XXL-3	XXL, 3 mm uniform	44–65	32–55	4 650 010 00 05 000

Order No.	Size	Proximal circumference (cm)	Distal circumference (cm)	Article No.
G30L-S-6/3	S, 6 mm ant. 3 mm post.	29–31,5	16–23,5	4 650 010 00 01 100
G30L-M-6/3	M, 6 mm ant. 3 mm post.	30–36	21–28	4 650 010 00 02 100
G30L-L-6/3	L, 6 mm ant. 3 mm post.	37–50	25–37	4 650 010 00 03 100
G30L-XL-6/3	XL, 6 mm ant. 3 mm post.	42–55	28–40	4 650 010 00 04 100
G30L-XXL-6/3	XXL, 6 mm ant 3 mm post	44–65	32–55	4 650 010 00 05 100

G30C–without distal attachment

Order No.	Size	Proximal circumference (cm)	Distal circumference (cm)	Article No.
G30C-S-3	S, 3 mm uniform	29–31,5	16–23,5	4 650 020 00 01 000
G30C-M-3	M, 3 mm uniform	30–36	21–28	4 650 020 00 02 000
G30C-L-3	L, 3 mm uniform	37–50	25–37	4 650 020 00 03 000
G30C-XL-3	XL, 3 mm uniform	42–55	28–40	4 650 020 00 04 000
G30C-XXL-3	XXL, 3 mm uniform	44–65	32–55	4 650 020 00 05 000

Order No.	Size	Proximal circumference (cm)	Distal circumference (cm)	Article No.
G30C-S-6/3	S, 6 mm ant. 3 mm post.	29–31,5	16–23,5	4 650 020 00 01 100
G30C-M-6/3	M, 6 mm ant. 3 mm post.	30–36	21–28	4 650 020 00 02 100
G30C-L-6/3	L, 6 mm ant. 3 mm post.	37–50	25–37	4 650 020 00 03 100
G30C-XL-6/3	XL, 6 mm ant.3 mm post.	42–55	28–40	4 650 020 00 04 100
G30C-XXL-6/3	XXL, 6 mm ant.3 mm post.	44–65	32–55	4 650 020 00 05 100

The circumference is measured 4 cm above the distal end of the residual limb.

1 Prosthetics

1.6 Liners and Locking Devices

EasyLiner PX



- Wall thickness: 6 mm
- Without distal connector
- Transparent
- Uncoated EasyGel liner for a very comfortable fit
- Very elastic and adaptable gel especially in the popliteal area
- For bony and sensitive residual limbs
- Absorbs shocks and distributes pressure spots around the socket
- Suitable for diabetics

Order No.	Circumference (cm)	Length (cm)	Article No.
PX-16	16–19	33–36	4 144 030 00 00 160
PX-20	20–23	43–46	4 144 030 00 00 200
PX-24	24–27	43–46	4 144 030 00 00 240
PX-28	28–31	43–46	4 144 030 00 00 280

The circumference is measured 4 cm above the distal end of the residual limb.

EasyLiner DT



- Wall thickness: 6 mm or 6/3 mm
- Made of EasyGel with an outer fabric
- Distal connector
- Additional features, see EasyLiner PX above

Wall thickness: 6 mm

Order No.	Circumference (cm)	Article No.
DT1-16	16–19	4 144 040 00 00 160
DT1-20	20–23	4 144 040 00 00 200
DT1-24	24–27	4 144 040 00 00 240
DT1-28	28–31	4 144 040 00 00 280
DT1-32	32–35	4 144 040 00 00 320

Wall thickness: distal 6 mm, proximal 3 mm

Order No.	Circumference (cm)	Article No.
DT2-16	16–19	4 144 050 00 00 160
DT2-20	20–23	4 144 050 00 00 200
DT2-24	24–27	4 144 050 00 00 240
DT2-28	28–31	4 144 050 00 00 280
DT2-32	32–35	4 144 050 00 00 320

The circumference is measured 4 cm above the distal end of the residual limb.

Uniprox G30 GEL-Knee sleeve



- Length 350 mm
- Wall thickness 3 mm
- Optimum grip on socket and skin
- Smooth and abrasion-resistant textile
- Thermoplastic formable (65°- 85°C)
- High skin tolerance

Order No.	Size	Proximal circumference (cm)	Distal circumference (cm)	Article No.
G30-KS-S	S, 3 mm	23–34	15–22	4 650 030 00 01 000
G30-KS-M	M, 3 mm	29–43	21–30	4 650 030 00 02 000
G30-KS-L	L, 3 mm	36–51	28–42	4 650 030 00 03 000
G30-KS-XL	XL, 3 mm	42–60	34–50	4 650 030 00 04 000
G30-KS-XXL	XXL, 3 mm	52–73	38–55	4 650 030 00 05 000

The circumference to be measured 10 cm above the middle of the patella.

EasySleeve



- Wall thickness: 6 mm
- Length: 330 mm
- Knee sleeve with fabric covering, good grip and comfortable fit
- Snug, comfortable fit on the leg, no tightness in the popliteal area
- Easy to handle due to textile covering (smooth surface)
- Recommended for transtibial prostheses without supracondylar walls
- Conical shape

Order No.	Size	Circumference (cm)	Article No.
L08-25	20 (S)	25–30	4 145 020 00 00 200
L08-31	24 (M)	31–37	4 145 020 00 00 240
L08-38	28 (L)	38–45	4 145 020 00 00 280
L08-46	32 (XL)	46–54	4 145 020 00 00 320

The circumference is measured 20 cm above the center of the patella.

1 Prosthetics

1.6 Liners and Locking Devices

Silicone Knee Sleeve



- Wall thickness: 1.5 mm
- Length: 340 mm
- External smooth textile covering
- Very thin walls but still stable, holds shape
- Adequate for very active/highly mobile patients
- Caucasian

Order No.	Circumference (cm)	Article No.
L09-28	28–32	4 145 030 00 91 280
L09-33	33–34	4 145 030 00 91 330
L09-35	35–37	4 145 030 00 91 350
L09-38	38–40	4 145 030 00 91 380
L09-41	41–45	4 145 030 00 91 410
L09-46	46–51	4 145 030 00 91 460
L09-52	52–57	4 145 030 00 91 520
L09-58	58–64	4 145 030 00 91 580

The circumference is measured 10 cm above the center of the patella.

Silicone Distal End Pads

Distal end pad for knee disarticulations, convex (for intercondylar fossa)



Order No.	Condylar circumference (cm)	Article No.
L14-1	31–36	4 156 020 01 00 360
L14-2	38–40	4 156 020 01 00 400

Distal end pad for knee disarticulations, concave



Order No.	Condylar circumference (cm)	Article No.
L15-1	31–36	4 156 020 02 00 360
L15-2	38–40	4 156 020 02 00 400

Locking Devices Overview

Uniprox offers a wide range of locking devices providing the optimal solution for your patients.

Smooth/Slightly Corrugated Pin



ShL1
Art.Nr. 4 147 110 01 00 000



ShL40A
Art.Nr. 4 655 040 00 01 000

Clutch Locks



ShL20
Art.Nr. 4 655 020 00 02 000



ShL40B
Art.Nr. 4 655 040 00 02 000



ShL5B
Art.Nr. 4 147 030 00 11 001

Ratchet Locks



ShL3A-2 (hexagonal, waterproof)
Art.Nr. 4 147 009 58 00 000

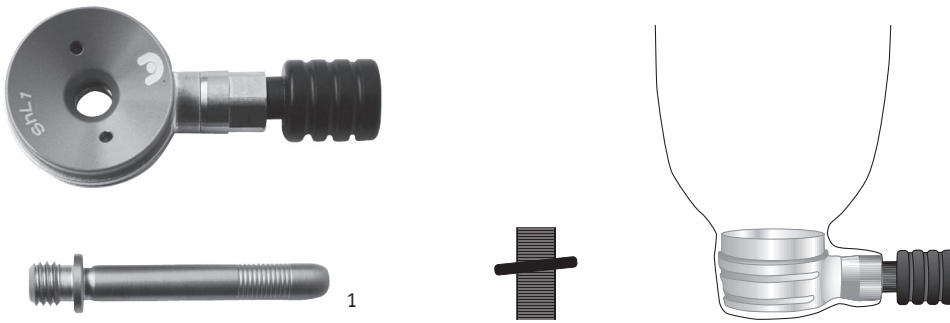
1 Prosthetics

1.6 Liners and Locking Devices

ShL1 Locking Device

The ShL1 is laminated securely into the socket with or without a dummy (E-ShL52), but can be accessed at any time through the inside of the socket. The innovative lamination procedure is made fast and simple with the integrated silicone sealing rings and the new set of lamination dummies which reliably prevent the resin from flowing into the adaptor.

Delivery includes: ShL1 incl. funnel \varnothing 58 mm, funnel \varnothing 76 mm, lamination dummy set, smooth pin and a slightly corrugated pin.



Order No.	Description	Weight limit	Weight	Installation Height	Article No.
ShL1	Locking device with partially grooved pin	depends on laminate	78 g	23 mm	4 147 110 01 00 000

! Connecting Adapters are listed on page 75.

Service Parts ShL1



Order No.	Description	Article No.	Pict.
E-ShL02	Pin, smooth, 55 mm	4 147 019 00 00 002	-
E-ShL03	Pin, smooth, 55 mm	4 147 019 00 00 003	-
E-ShL54	Pin, smooth, with grooved cone point	4 620 009 00 33 001	1
E-ShL06	Push button, black	4 147 019 00 00 006	-
E-ShL07	Spring with silicone base	4 147 019 00 00 007	-
E-ShL08	Clamp disks, 2 pieces	4 147 019 00 00 008	-
E-ShL09	Mechanism for ShL1 and ShL5A (includes spring, sleeve, sliding unit and push button)	4 147 019 00 00 009	-
E-ShL10	Lamination dummy set for ShL1	4 147 019 00 00 010	-
E-ShL11	Funnel \varnothing 58 mm, for ShL1	4 147 019 08 00 000	-
E-ShL12	Funnel \varnothing 76 mm, for ShL1	4 147 019 09 00 000	-
E-ShL13	Two-hole wrench	4 147 019 10 00 000	2

! Additional spare parts are available on request.

ShL20 Locking Device

The ShL20 has to be laminated into the prosthetic socket.



- Unlocking under tensile loads
- Suitable for use in the water (no saltwater)
- Snap fastener that can be individually shortened
- Incl. dummy set

Order No.	Description	Weight	Installation Height	Article No.
ShL20	with clutch lock with toothed pin	118 g	40 mm	4 655 020 00 02 000

ShL3A-2 Locking Device with Ratchet Lock

The ShL3A-2 could be laminated directly into the socket or used with the adapter A8-Ti, A9-Ti, A28-Al and A29-Al (then please use the special dummy E-ShL53). Scope of delivery: Locking Device, funnel, dummy and pin.



Order No.	Description	Weight	Installation Height	Article No.
ShL3A-2	hexagonal, waterproof	86 g	38 mm	4 147 009 58 00 000

! Connecting Adapters are listed on page 75.

Service Parts ShL20

Order No.	Description	Article No.
E-ShL16	ShL16 Wrench (to tighten pin)	4 147 009 59 00 000
E-ShL17	ShL17 Pin, 55 mm (toothed)	4 147 029 04 00 000
E-ShL18	ShL18 Pin, 90 mm (toothed)	4 147 029 05 00 000
E-ShL56	Mechanism for ShL20/ShL5B	4 655 029 00 01 000
E-ShL57	Dummy-Set ShL20	4 655 029 00 02 000
E-ShL58	Release bush button	4 655 029 00 03 000

Service Parts ShL3A-2

Order No.	Description	Article No.
E-ShL21	Pin, 55 mm (toothed)	4 147 049 01 22 000
E-ShL22	Pin, 90 mm (toothed)	4 147 049 02 22 000
E-ShL11	Funnel ø 58 mm	4 147 019 08 00 000
E-ShL23	Release push button	4 147 049 03 22 000
E-ShL24	Screw cap	4 147 049 04 22 000
E-ShL25	Stainless steel ratchet	4 147 009 55 00 000
E-ShL26	Stainless steel spring	4 147 049 06 22 000
E-ShL27	Patient's key	4 147 049 07 22 000
E-ShL28	Dummy, Mechanism	4 147 049 08 22 000

1 Prosthetics

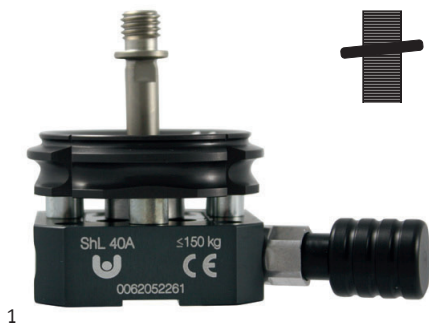
1.6 Liners and Locking Devices

Locking device ShL40 composed of Aluminium

The lamination attachment of the modular locking devices ShL40A and B is vacuum-formed or laminated into the socket.

ShL40A

- Mechanics are screwed either left or right
- Lower part replaceable by ShL40B
- Weight limit 150 kg
- Snap fastener that can be individually shortened
- Incl. dummy set



1

ShL40B

- Unlocking under tensile loads
- Lower section can be exchanged
- Weight limit 150 kg
- Snap fastener that can be individually shortened
- Incl. dummy set



2

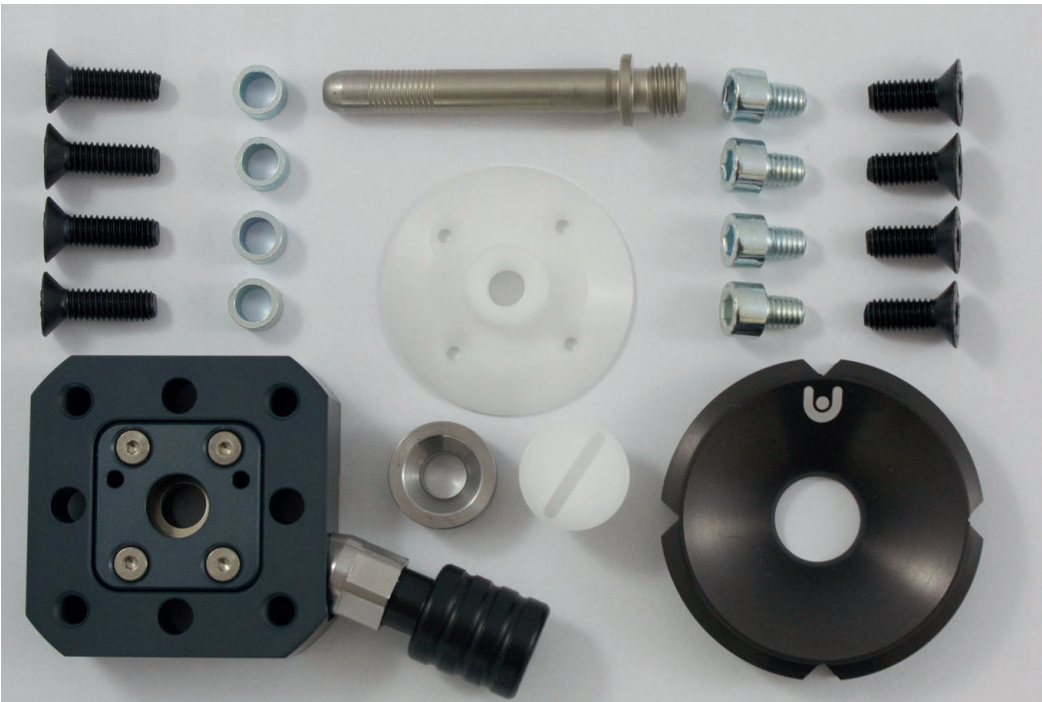
Order No.	Description	Weight limit	Weight	Installation Height	Article No.	Pict.
ShL40A	smooth Pin with grooves cone point	< 150 kg	247 g	38 mm	4 655 040 00 01 000	1
ShL40B	with clutch lock (toothed)	< 150 kg	252 g	42 mm	4 655 040 00 020 000	2

! Connection Adapters are listed on page 75.

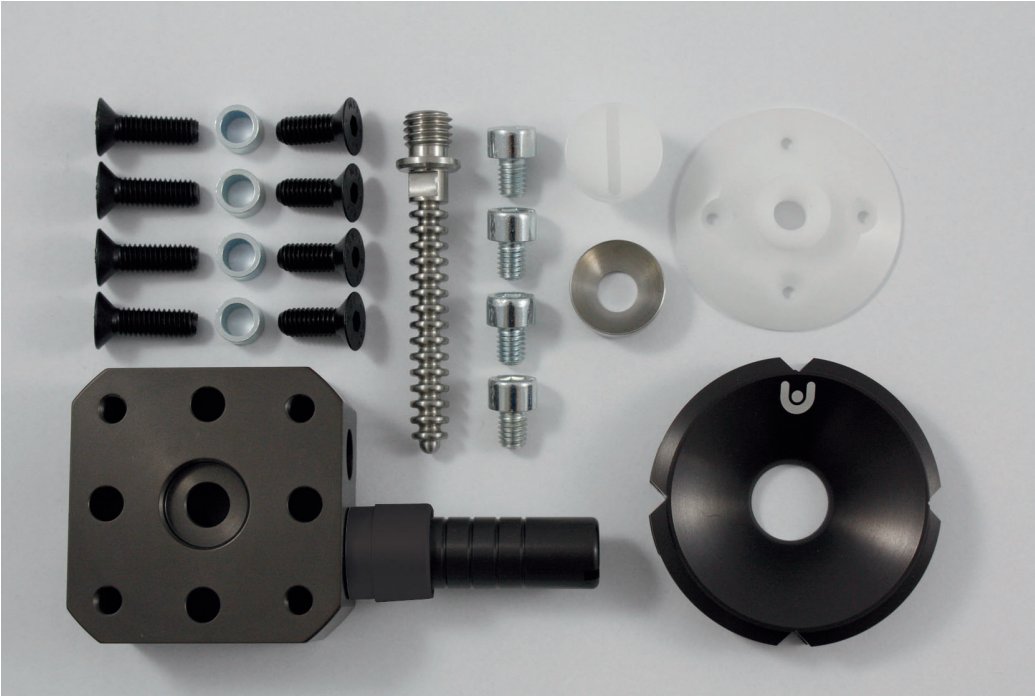
Service Parts ShL40A and ShL40B

Order No.	Description	For Locking Device		Article No.
		ShL40A	ShL40B	
E-ShL40	Mechanism	•		4 147 149 00 00 004
E-ShL02	Pin, smooth, 55 mm	•		4 147 019 00 00 002
E-ShL03	Pin, smooth, 90 mm	•		4 147 019 00 00 003
E-ShL06	Push button, black	•		4 147 019 00 00 006
E-ShL54	Pin, smooth, with grooved cone point	•		4 620 009 00 33 001
E-ShL61	Replacement kit for ShL40A	•		4 655 049 00 06 000
E-ShL16	Wrench (to tighten pin)		•	4 147 009 59 00 000
E-ShL17	Pin, 55 mm (toothed)		•	4 147 029 04 00 000
E-ShL18	Pin, 90 mm (toothed)		•	4 147 029 05 00 000
E-ShL58	Lower part with mechanics for ShL40B		•	4 655 029 00 03 000
E-ShL59	Dummy kit for ShL40A, ShL40B		•	4 655 049 00 04 000
E-ShL60	Dummy-set for ShL40A, ShL40B	•	•	4 655 049 00 05 000
E-ShL62	Lamination plate ShL40	•	•	4 655 049 00 07 000

! Additional spare parts are available on request.



ShL40A - scope of delivery



ShL40B - scope of delivery

1.10 Socket Accessories	1.9 Valves	1.8 Stump Socks	1.7 Cosmetic Covers	1.6 Liners and Locking Devices	1.5 Hip Joints	1.4 Prosthetic Knee Joints	1.3 Functional Adapters	1.2 Modular Adapters	1.1 Prosthetic Feet
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1 Prosthetics

1.6 Liners and Locking Devices

ShL5B Locking Device

Due to the reduced construction height of 35 mm, the field of application has been expanded to include patient care with long residual limbs. The ShL5B is proximal screwed onto M36x1.5 external thread on a laminated socket and distal screwed onto a M36x1.5 internal thread on a laminated socket adapter.

! Includes: UHU adhesive. Sockets adapters are not included.



Order No.	Description	Weight limit	Material	Weight	Installation Height	Article No.	Pict.
ShL5B	with clutch lock (toothed)	< 100 kg	Aluminium	126 g	40 mm	4 147 030 00 11 001	1

! Order the socket adapter needed for lamination and the distal adapter separately using the information in the Modular Adapters category.

Service Parts ShL5B

Order No.	Description	Article No.
E-ShL16	Wrench (to tighten pin)	4 147 009 59 00 000
E-ShL17	E-ShL17 Pin, 55 mm (toothed)	4 147 029 04 00 000
E-ShL18	E-ShL18 Pin, 90 mm (toothed)	4 147 029 05 00 000
E-ShL56	E-ShL48 Mechanism	4 655 029 00 01 000
E-ShL58	E-ShL49 Push button, plastic	4 655 029 00 03 000

Spezial-Dummy E-ShL53



- For ShL3A-2
- Could be used with the adapters A8-Ti, A9-Ti, A28-Al and A29-Al

Order No.	Description	Height	Diameter	Article No.
E-ShL53	Lamination dummy	37 mm	50 mm	4 147 009 03 00 000

! Order the socket adapter needed for lamination and the distal adapter separately by using the information in the Modular Adapters category (page 25).

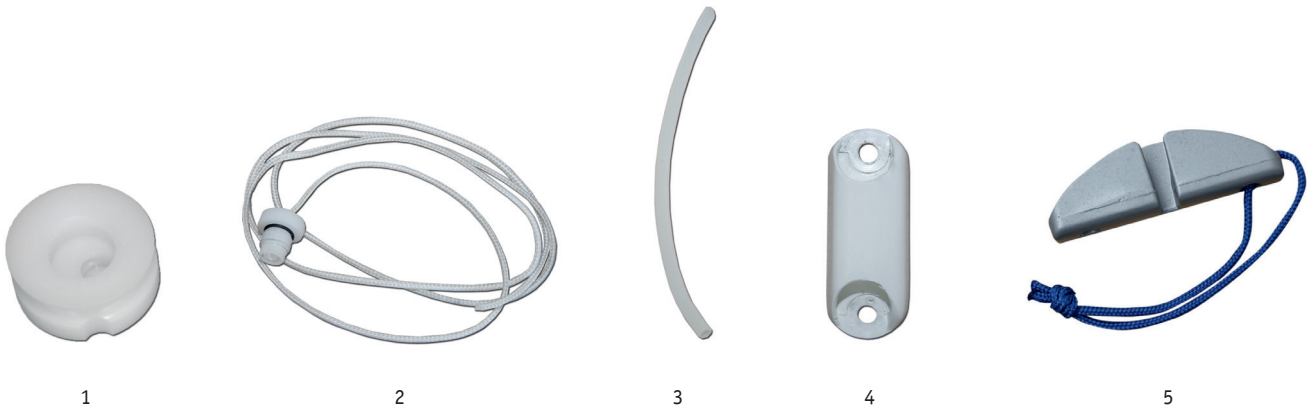
Possibilities of adaptation ShL

Shl1	ShL20	ShL3A-2	ShL40A/ShL40B	ShL5B
 <p>A8-Ti</p>			 <p>A10-Al A10-St A10-Ti</p>	<p>Proximal</p>  <p>A19-St</p>
 <p>A9-Ti</p>			 <p>A11-St A11-Ti</p>	 <p>A20-St</p>
 <p>A28-Al</p>			 <p>A13-Al A13-St A13-Ti (smooth contact surface)</p>	 <p>A21-St</p>
 <p>A29-Al</p>			 <p>A14-St A14-Ti</p>	<p>Distal</p>  <p>A22-St A22-Ti</p>
				 <p>A23-St A23-Ti</p>
<p>→ Side 28/35</p>			<p>→ Side 30/31</p>	<p>→ Side 33/34</p>

1 Prosthetics

1.6 Liners and Locking Devices

Pulling-in Mechanism

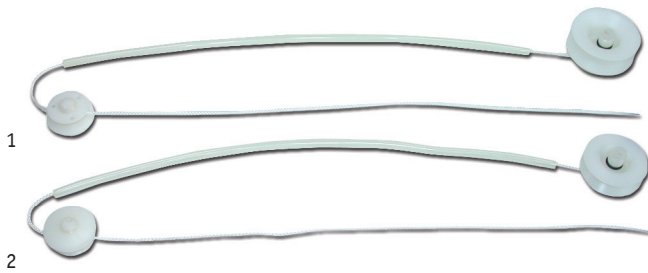


Order No.	Description	Article No.
EM	Pulling-in Mechanism for thighs and lower leg prostheses	4147 000 00 00 001

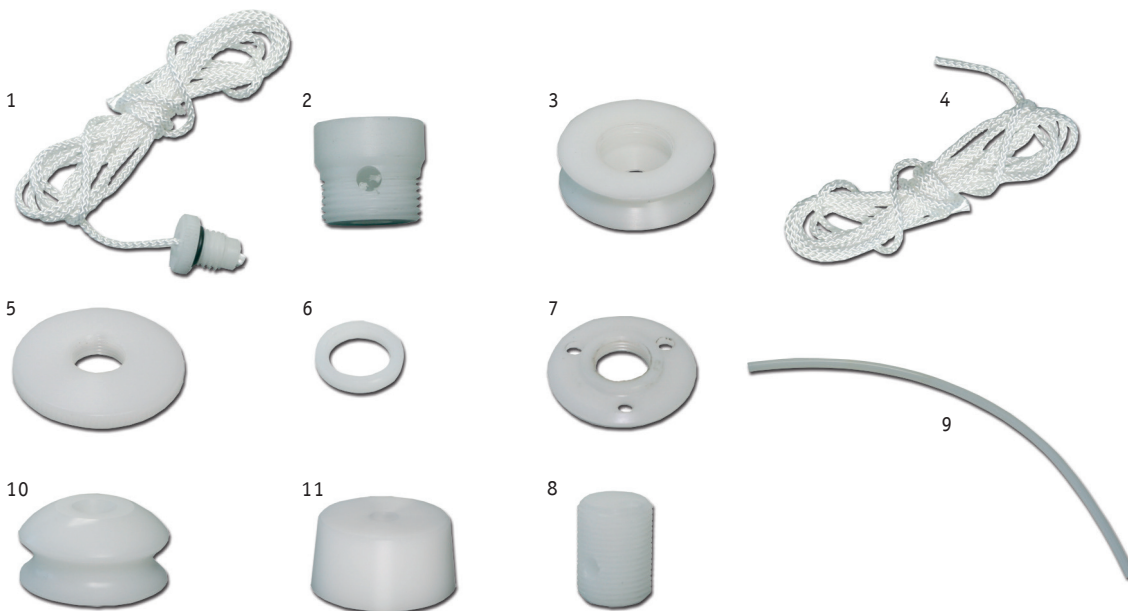
Service Parts Pulling-in Mechanism

Order No.	Description	Article No.	Pict.
E-EM01	Lamination body	4 147 009 00 00 001	1
E-EM02	Perlon cord 1,5m	4 147 009 00 00 002	-
E-EM03	Coupling screw with perlon cord	4 147 009 00 00 003	2
E-EM04	Cover for perlon cord	4 147 009 00 00 004	3
E-EM05	Clamp for perlon cord	4 147 009 00 00 005	4
E-EM06	Handle	4 147 009 00 00 006	5

Pulling-in Mechanism



Order No.	Description	Article No.	Pict.
E1	Pulling-in Mechanism for Transtibial Prostheses	4 147 009 06 00 000	1
E2	Pulling-in Mechanism for Transfemoral Prostheses	4 147 009 07 00 000	2



Service Parts Pulling-in Mechanism

Order No.	Description	Article No.	Pict.
E-E01	Coupling screw with perlon cord	4 147 009 08 00 000	1
E-E02	Connection for distal coupling	4 147 009 09 00 000	2
E-E03	Distal coupling disk	4 147 009 10 00 000	3
E-E04	Perlon cord for coupling screw 1.5 m	4 147 009 11 00 000	4
E-E05	Knurled nut	4 147 009 12 00 000	5
E-E06	Washer for knurled nut	4 147 009 13 00 000	6
E-E07	Fastening disk for perlon cord	4 147 009 14 00 000	7
E-E08	Spindle for knurled nut	4 147 009 15 00 000	8
E-E09	Cover for perlon cord	4 147 009 16 00 000	9
E-E10	Transfemoral Connection disk	4 147 009 17 00 000	10
E-E11	Lamination dummy	4 147 009 18 00 000	11

1 Prosthetics

1.6 Liners and Locking Devices

Vacuum-Jet 1

The new vacuum system is integrated in the distal prosthetic socket. It aims to improve adhesion between the prosthetic interface and the residual limb. Special features of the Vacuum-Jet 1: The Vacuum-Jet provides a temporary vacuum, thus the residual limb is not exerted to vacuum permanently and may relax in the non-weight bearing phases. The patient can definitely feel the improvement in comfort.

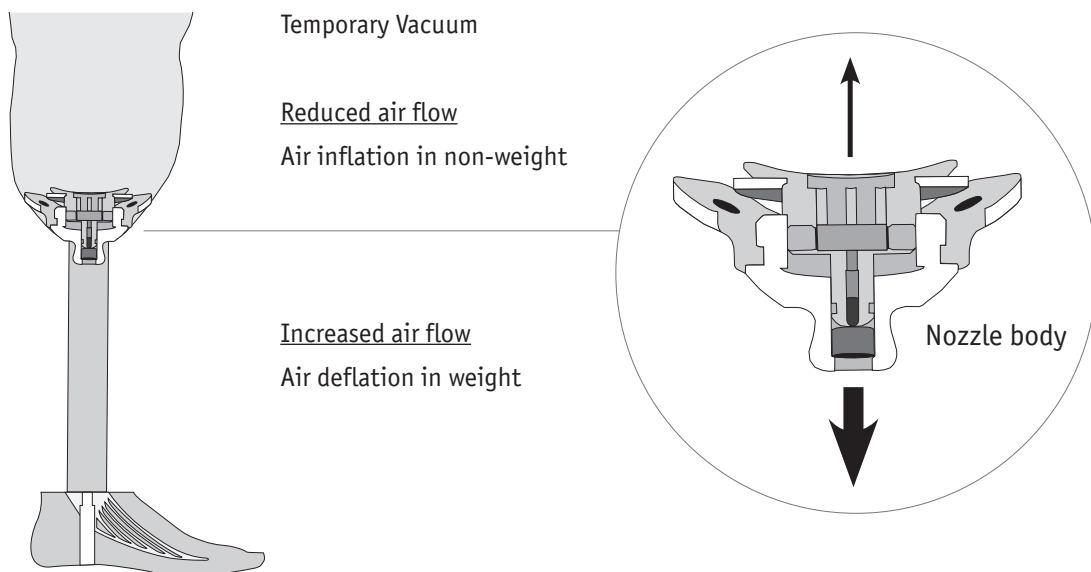
Technical Highlights

Improvement of comfort and quality of life by:

- Secure adhesion of the prosthetic interface
- Better guidance and control of the prosthesis
- Improvement of comfort while seated
- Low system weight



Order No.	Description	Proximal Adaption	Distal Adaption	Weight limit	Article No.
VJ1	Vacuum-Jet 1	M36-thread	Pyramid	< 150 kg	4 175 000 77 00 000



Vacuum-Jet 2

The new Vacuum Jet 2 ventilation system can be freely positioned in the socket or retrofitted as well. In combination with a vacuumforming knee cap, it creates a temporary vacuum for fixing the stump within the prosthetic socket by removing air penetrated into the socket during each step. In the resting phase, it allows for a minimal reflux, significantly reducing the negative pressure in the socket which is unpleasant for the user.

Technical Highlights

- freely positionable in the socket
- can also be retrofitted
- creates a temporary vacuum in the socket
- reduces unpleasant negative pressure in the socket
- head diameter: 12 mm
- length: 16 mm
- material: Stainless steel
- set includes: Dummy plate with screw, sealing ring



Order No.	Description	Article No.
VJ2	Vacuum-Jet 2	4 663 050 00 00 000

Spare part VJ2

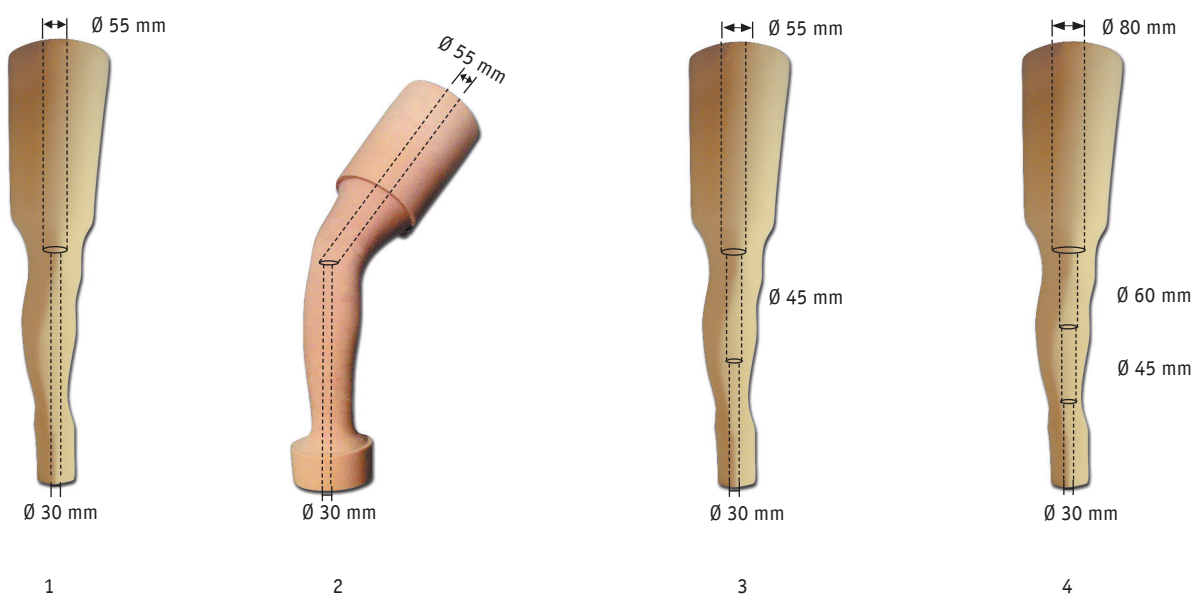
For regular maintenance, a replacement kit comprising a set of filters, a protective cap and a sealing ring is available.

Order No.	Description	Article No.
E-VJ2	Replacement kit	4 660 010 90 55 000

1 Prosthetics

1.6 Liners and Locking Devices

Transfemoral Cosmetic Foam Cover



For 30 mm tube systems

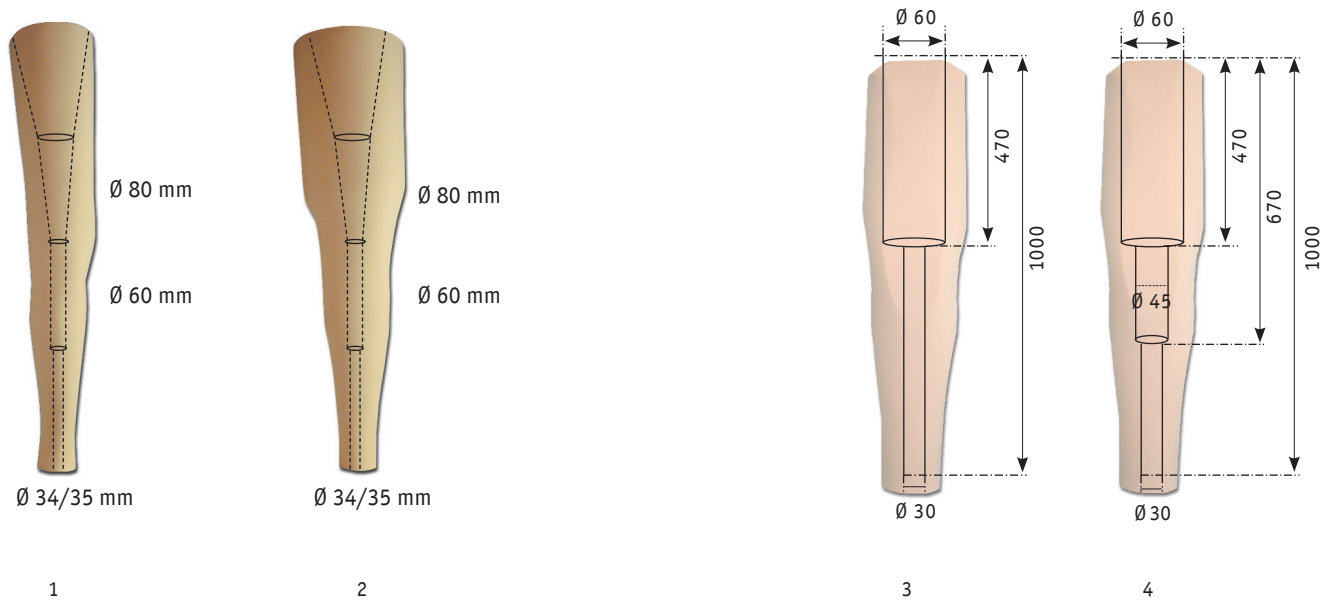
Order No.	Calf circumference (cm)	Side	Designed for knee joints			Article No.	Pict.
2-step bore, anatomical shape							
KS02-40L	40	left	JT01	JT02	JT03	4 150 010 01 00 400	1
KS02-44L	44	left	JT01	JT02	JT03	4 150 010 01 00 440	1
KS02-40R	40	right	JT01	JT02	JT03	4 150 010 02 00 400	1
KS02-44R	44	right	JT01	JT02	JT03	4 150 010 02 00 440	1
KS03-40L	40	left	JT01	JT02	JT03	4 150 020 01 00 400	2
KS03-44L	44	left	JT01	JT02	JT03	4 150 020 01 00 440	2
KS03-40R	40	right	JT01	JT02	JT03	4 150 020 02 00 400	2
KS03-44R	44	right	JT01	JT02	JT03	4 150 020 02 00 440	2

Order No.	Calf circumference (cm)	Side	Designed for knee joints		Article No.	Pict.
3-step bore, anatomical shape						
KS04-36L	36	left	JT05	JT40	4 150 030 01 00 360	3
KS04-40L	40	left	JT05	JT40	4 150 030 01 00 400	3
KS04-44L	44	left	JT05	JT40	4 150 030 01 00 440	3
KS04-36R	36	right	JT05	JT40	4 150 030 02 00 360	3
KS04-40R	40	right	JT05	JT40	4 150 030 02 00 400	3
KS04-44R	44	right	JT05	JT40	4 150 030 02 00 440	3
4-step bore, anatomical shape						
KS05-40L	40	left	JT30		4 150 120 01 00 400	4
KS05-44L	44	left	JT30		4 150 120 01 00 440	4
KS05-40R	40	right	JT30		4 150 120 02 00 400	4
KS05-44R	44	right	JT30		4 150 120 02 00 440	4

1 Prosthetics

1.7 Cosmetic Covers

Transfemoral Cosmetic Foam Cover



For 34/35 mm tube systems

Order No.	Calf circumference (cm)	Side	Designed for knee joints			Article No.	Pict.
3-step bore, conical AK bore, universal							
KS06-40L	40	left	JT09	JT20-22S	JT30	4 150 040 01 00 400	1
KS06-44L	44	left	JT09	JT20-22S	JT30	4 150 040 01 00 440	2
KS06-40R	40	right	JT09	JT20-22S	JT30	4 150 040 02 00 400	1
KS06-44R	44	right	JT09	JT20-22S	JT30	4 150 040 02 00 440	2
2-step bore, universal, for large circumferences							
KS07-46L	46	left	JT09	JT20-22S	JT30	4 150 060 01 00 000	-
KS07-46R	46	right	JT09	JT20-22S	JT30	4 150 060 02 00 000	-
KS07-52	52	left/right	JT09	JT20-22S	JT30	4 150 050 00 00 000	-

Transfemoral Foam Blank

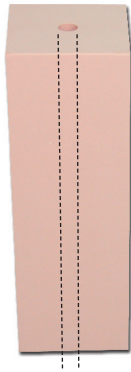
Order No.	CASCD No.	Bore	Description	Article No.	Pict.
M32-1	008589	2-step-bore	for carvings up to 42 cm calf circumference	4 235 030 01 00 000	3
M32-3	008617	3-step-bore	for carvings up to 42 cm calf circumference	4 235 030 03 00 000	4
M32-4	008568	3-step-bore	for carvings up to 42 cm calf circumference	4 235 030 04 00 000	4

! Foam sharpener WZ144 is listed in category 3.6 tools.

Transtibial Cosmetic Covers

Ø 30 mm bore

Squared shape, 1-step



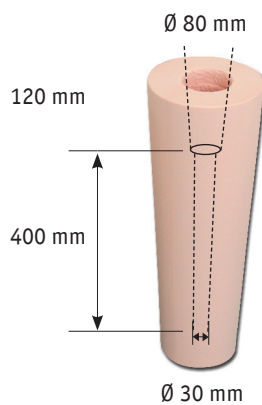
Order No.	Description	Color	Article No.
KS20	Polyethylene rigid foam	skin	4 150 080 02 00 000

Conical shape, 1-step



Order No.	Description	Color	Article No.
KS21	Polyurethane soft foam, Ø 30 mm bore	skin	4 150 090 01 00 000

Conical shape, 2-step



Order No.	Description	Color	Article No.
KS24	Polyethylene rigid foam	skin	4 150 090 03 00 000

1 Prosthetics

1.7 Cosmetic Covers

Cosmetic Stockings

Made of Perlon, for transfemoral prostheses, delivery unit = 2 pcs.



Order No.	Leg length (cm)	Band circumference (cm)	Foot length (cm)	Article No.
KS41-0	45	36	20	4 150 009 01 00 000
KS41-1	55	36	20	4 150 009 01 00 001
KS41-2	65	38	20	4 150 009 01 00 002
KS41-3	75	40	21	4 150 009 01 00 003
KS41-4	80	40	21	4 150 009 01 00 004

Made of Perlon, for transtibial prostheses, delivery unit = 2 pcs.



Order No.	Leg length (cm)	Band circumference (cm)	Foot length (cm)	Article No.
KS42-1	36	25	20	4 150 009 02 00 001
KS42-2	41	25	21	4 150 009 02 00 002
KS42-3	46	27	22	4 150 009 02 00 003

Cosmetic Skin

Made of nylon Helanca, to be stitched down under the sole and glued



Order No.	Description	Article No.
KS45	0.5 kg roll, width: 13.5 cm	4 150 009 03 00 000

Order No.	Leg length (cm)	Band circumference (cm)	designed for	Article No.
KS45-1	70	31	US	4 150 009 03 00 310
KS45-2	110	43	OS	4 150 009 03 00 430
KS45-3	110	48	OS	4 150 009 03 00 480

1 Prosthetics
1.8 Stump Socks

COMFORGEL Stump Sock with a Silicone Inner Layer



- Releases skin care oil (dermatologically inert)
- For very sensitive residual limbs
- Shock absorbing
- For dry skin, e.g., in patients with diabetes
- Soft and adaptable
- Durable due to distal nylon reinforcement
- Length of silicone inner layer: 23 cm
- For residual limbs of up to 42 cm circumference

Order No.	Length (cm)	Thickness/Ply	Distal Hole	Color of Prox. Border	Article No.
L05-3	36	3	No	yellow	4 143 080 03 00 000
L05-5	36	5	No	green	4 143 080 05 00 000

Gel Stump Sock



- 2 layer with gel
- With Silipos® Mineral-Oil
- Mineral-Oil Gel on the inside
- Nylon textile on the outside
- Improves visual nature of the skin
- Reduced friction on the skin
- Soft and cuddly
- Washable
- Less skin friction

Order No.	Gel Height (cm)	Length (cm)	distal circumference (cm)	proximal circumference (cm)	Article No.
L30-1	20	25–33	17–23	17–25	4 660 010 00 01 000
L30-2	25	38–43	18–27	18–30.5	4 660 010 00 02 000
L30-3	25	38–43	20–32	20–35.5	4 660 010 00 03 000
L30-4	33	43–48	20–32	20–35.5	4 660 010 00 04 000
L30-5	25	43–48	23–35.5	23–40.5	4 660 010 00 05 000
L30-6	33	46–53	23–35.5	23–40.5	4 660 010 00 06 000
L30-7	33	46–53	28–41	28–46	4 660 010 00 07 000
L30-8	33	46–53	30.5–48	30.5–53	4 660 010 00 08 000



- 3 layer with gel
- With Silipos® Mineral-Oil
- No skin contact with the Mineral-Oil Gel
- Nylon textile on the inside and outside
- Higher stability due to 2 textile layers
- Improves visual nature of the skin
- Reduced friction on the skin
- Soft and cuddly
- Washable
- Less skin friction

Order No.	Gel Height (cm)	Length (cm)	distal circumference (cm)	proximal circumference (cm)	Article No.
L35-1	20	25–33	17–23	17–25	4 660 020 00 01000
L35-2	25	38–43	18–27	18–30.5	4 660 020 00 02 000
L35-3	25	38–43	20–32	20–35.5	4 660 020 00 03 000
L35-4	33	43–48	20–32	20–35.5	4 660 020 00 04 000
L35-5	25	43–48	23–35.5	23–40.5	4 660 020 00 05 000
L35-6	33	46–53	23–35.5	23–40.5	4 660 020 00 06 000
L35-7	33	46–53	28–41	28–46	4 660 020 00 07 000
L35-8	33	46–53	30.5–48	30.5–53	4 660 020 00 08 000

Cotton Stump Socks

ST10 Cotton Stump Sock for transtibial prostheses with CoolMed fibers

Material composition: 95% cotton with CoolMed fibers*, 5% polyamide
Machine wash at 60°C, color: white



Order No.	Length (cm)	Article No.
ST10-20	20	4 236 040 00 89 020
ST10-25	25	4 236 040 00 89 025
ST10-30	30	4 236 040 00 89 030
ST10-35	35	4 236 040 00 89 035
ST10-40	40	4 236 040 00 89 040
ST10-45	45	4 236 040 00 89 045
ST10-50	50	4 236 040 00 89 050
ST10-55	55	4 236 040 00 89 055
ST10-60	60	4 236 040 00 89 060
ST10 Cotton Stump Socks for transtibial prostheses, 10 pack		
ST10-25-10	25	4 236 040 10 89 025
ST10-30-10	30	4 236 040 10 89 030
ST10-35-10	35	4 236 040 10 89 035
ST10-40-10	40	4 236 040 10 89 040
ST10-45-10	45	4 236 040 10 89 045
ST10-50-10	50	4 236 040 10 89 050
ST10-55-10	55	4 236 040 10 89 055

* The CoolMed fibers have the following properties:

- Antimicrobial → Stays fresh for long periods
- Wicks moisture away from the skin → Skin stays dry longer

1 Prosthetics

1.8 Stump Socks

ST12 Cotton Stump Sock for transtibial prostheses with distal hole and CoolMed fibers

Material composition: 95% cotton with CoolMed fibers*, 5% polyamide

Machine wash at 60°C, color: white



Order No.	Length (cm)	Type of hole	Article No.
ST12-20	20	Silicone opening	4 236 030 00 89 020
ST12-25	25	Silicone opening	4 236 030 00 89 025
ST12-30	30	Silicone opening	4 236 030 00 89 030
ST12-35	35	Silicone opening	4 236 030 00 89 035
ST12-40	40	Silicone opening	4 236 030 00 89 040
ST12-45	45	Silicone opening	4 236 030 00 89 045
ST12-50	50	Silicone opening	4 236 030 00 89 050
ST12-55	55	Silicone opening	4 236 030 00 89 055
ST12-60	60	Silicone opening	4 236 030 00 89 060

ST13 Cotton Stump Sock for transtibial prostheses with distal hole

Material composition: 95% cotton, 5% elasthan

Machine wash at 60°C, color: natural



Order No.	Length (cm)	Type of hole	Article No.
ST13-20	20	Silicone opening	4 236 060 00 00 020
ST13-25	25	Silicone opening	4 236 060 00 00 025
ST13-30	30	Silicone opening	4 236 060 00 00 030
ST13-35	35	Silicone opening	4 236 060 00 00 035
ST13-40	40	Silicone opening	4 236 060 00 00 040
ST13-45	45	Silicone opening	4 236 060 00 00 045
ST13-50	50	Silicone opening	4 236 060 00 00 050
ST13-55	55	Silicone opening	4 236 060 00 00 055
ST13-60	60	Silicone opening	4 236 060 00 00 060

ST23 Cotton Stump Sock for transfemoral prostheses with distal hole

Material composition: 95% cotton, 5% elasthan

Machine wash at 60°C, color: natural



Order No.	Length (cm)	Type of hole	Article No.
ST23-20	20	Silicone opening	4 236 150 00 00 020
ST23-25	25	Silicone opening	4 236 150 00 00 025
ST23-30	30	Silicone opening	4 236 150 00 00 030
ST23-35	35	Silicone opening	4 236 150 00 00 035
ST23-40	40	Silicone opening	4 236 150 00 00 040
ST23-45	45	Silicone opening	4 236 150 00 00 045
ST23-50	50	Silicone opening	4 236 150 00 00 050

* The CoolMed fibers have the following properties:

- Antimicrobial → Stays fresh for long periods
- Wicks moisture away from the skin → Skin stays dry longer

Terry Stump Socks

ST31 Terry Stump Sock for transtibial prostheses with CoolMed fibers

Material composition: 85% cotton with CoolMed fibers*, 15% polyamide
Machine wash at 60°C, color: white



Order No.	Length (cm)	Article No.
ST31-20W	20	4 236 020 00 89 020
ST31-25W	25	4 236 020 00 89 025
ST31-30W	30	4 236 020 00 89 030
ST31-35W	35	4 236 020 00 89 035
ST31-40W	40	4 236 020 00 89 040
ST31-45W	45	4 236 020 00 89 045
ST31-50W	50	4 236 020 00 89 050
ST31-55W	55	4 236 020 00 89 055
ST31-60W	60	4 236 020 00 89 060
ST31 Terry Stump Sock for transtibial prostheses, 10 pack		
ST31-25W-10	25	4 236 020 10 89 025
ST31-30W-10	30	4 236 020 10 89 030
ST31-35W-10	35	4 236 020 10 89 035
ST31-40W-10	40	4 236 020 10 89 040
ST31-45W-10	45	4 236 020 10 89 045
ST31-50W-10	50	4 236 020 10 89 050

* The CoolMed fibers have the following properties:

- Antimicrobial → Stays fresh for long periods
- Wicks moisture away from the skin → Skin stays dry longer

1 Prosthetics

1.8 Stump Socks

ST33 Terry Stump Sock for transtibial prostheses with distal hole and CoolMed fibers

Material composition: 85% cotton with CoolMed fibers*, 15% polyamide
 Machine wash at 60°C, color: white



Order No.	Length (cm)	Type of hole	Article No.
ST33-20W	20	Silicone opening	4 236 010 00 89 020
ST33-25W	25	Silicone opening	4 236 010 00 89 025
ST33-30W	30	Silicone opening	4 236 010 00 89 030
ST33-35W	35	Silicone opening	4 236 010 00 89 035
ST33-40W	40	Silicone opening	4 236 010 00 89 040
ST33-45W	45	Silicone opening	4 236 010 00 89 045
ST33-50W	50	Silicone opening	4 236 010 00 89 050
ST33-55W	55	Silicone opening	4 236 010 00 89 055
ST33-60W	60	Silicone opening	4 236 010 00 89 060
ST31 Terry Stump Sock for transtibial prostheses, 10 pack			
ST33-25W-10	25	Silicone opening	4 236 010 10 89 025
ST33-30W-10	30	Silicone opening	4 236 010 10 89 030
ST33-35W-10	35	Silicone opening	4 236 010 10 89 035
ST33-40W-10	40	Silicone opening	4 236 010 10 89 040
ST33-45W-10	45	Silicone opening	4 236 010 10 89 045
ST33-50W-10	50	Silicone opening	4 236 010 10 89 050
ST33-55W-10	55	Silicone opening	4 236 010 10 89 055

* The CoolMed fibers have the following properties:

- Antimicrobial → Stays fresh for long periods
- Wicks moisture away from the skin → Skin stays dry longer

ST41 Terry Stump Sock for transfemoral prostheses with CoolMed fibers

Material composition: 85% cotton with CoolMed fibers*, 15% elasthan
Machine wash at 60°C, color: white



Order No.	Length (cm)	Article No.
ST41-20	20	4 236 140 00 00 020
ST41-25	25	4 236 140 00 00 025
ST41-30	30	4 236 140 00 00 030
ST41-35	35	4 236 140 00 00 035
ST41-40	40	4 236 140 00 00 040
ST41-45	45	4 236 140 00 00 045
ST41-50	50	4 236 140 00 00 050
ST41-55	55	4 236 140 00 00 055
ST41-60	60	4 236 140 00 00 060

ST43 Terry Stump Sock for transfemoral prostheses with distal hole and CoolMed fibers

Material composition: 85% cotton with CoolMed fibers*, 15% elasthan
Machine wash at 60°C, color: natural



Order No.	Length (cm)	Type of hole	Article No.
ST43-20	20	Silicone opening	4 236 130 00 89 020
ST43-25	25	Silicone opening	4 236 130 00 89 025
ST43-30	30	Silicone opening	4 236 130 00 89 030
ST43-35	35	Silicone opening	4 236 130 00 89 035
ST43-40	40	Silicone opening	4 236 130 00 89 040
ST43-45	45	Silicone opening	4 236 130 00 89 045
ST43-50	50	Silicone opening	4 236 130 00 89 050
ST43-55	55	Silicone opening	4 236 130 00 89 055
ST43-60	60	Silicone opening	4 236 130 00 89 060

* The CoolMed fibers have the following properties:

- Antimicrobial → Stays fresh for long periods
- Wicks moisture away from the skin → Skin stays dry longer

1 Prosthetics

1.8 Stump Socks

Nylon Stump Socks

ST52 Nylon Stump Sock for transtibial prostheses with distal hole

Material composition: 100% nylon
Machine wash at 60°C, color: white



Order No.	Length (cm)	Type of hole	Article No.
ST52-20	20	Silicone opening	4 236 080 00 00 020
ST52-25	25	Silicone opening	4 236 080 00 00 025
ST52-30	30	Silicone opening	4 236 080 00 00 030
ST52-35	35	Silicone opening	4 236 080 00 00 035
ST52-40	40	Silicone opening	4 236 080 00 00 040
ST52-45	45	Silicone opening	4 236 080 00 00 045
ST52-50	50	Silicone opening	4 236 080 00 00 050
ST52-55	55	Silicone opening	4 236 080 00 00 055
ST52-60	60	Silicone opening	4 236 080 00 00 060

ST62 Nylon Stump Sock for transfemoral prostheses with distal hole

Material composition: 100% nylon
Machine wash at 60°C, color: white



Order No.	Length (cm)	Type of hole	Article No.
ST62-20	20	Silicone opening	4 236 170 00 00 020
ST62-25	25	Silicone opening	4 236 170 00 00 025
ST62-30	30	Silicone opening	4 236 170 00 00 030
ST62-35	35	Silicone opening	4 236 170 00 00 035
ST62-40	40	Silicone opening	4 236 170 00 00 040
ST62-45	45	Silicone opening	4 236 170 00 00 045
ST62-50	50	Silicone opening	4 236 170 00 00 050

Stump socks, proximal-distal, different qualities

ST70 Stump Sock 2/3 cotton (proximal) and 1/3 terry (distal) for transtibial prostheses

Machine wash at 60°C, color: white



Order No.	Length (cm)	Article No.
ST70-20	20	4 236 250 01 00 020
ST70-25	25	4 236 250 01 00 025
ST70-30	30	4 236 250 01 00 030
ST70-35	35	4 236 250 01 00 035
ST70-40	40	4 236 250 01 00 040
ST70-45	45	4 236 250 01 00 045
ST70-50	50	4 236 250 01 00 050
ST70-55	55	4 236 250 01 00 055
ST70-60	60	4 236 250 01 00 060

ST71 Stump Sock 2/3 cotton (proximal) and 1/3 terry (distal) for transtibial prostheses with distal hole

Machine wash at 60°C, color: white



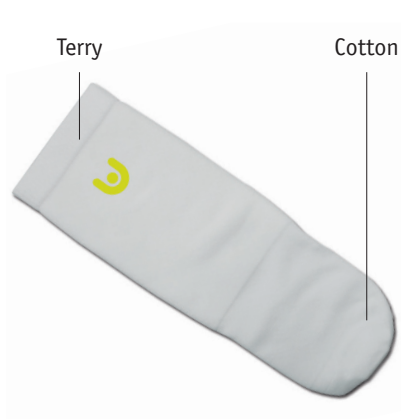
Order No.	Length (cm)	Type of hole	Article No.
ST71-20	20	Silicone opening	4 236 250 03 00 020
ST71-25	25	Silicone opening	4 236 250 03 00 025
ST71-30	30	Silicone opening	4 236 250 03 00 030
ST71-35	35	Silicone opening	4 236 250 03 00 035
ST71-40	40	Silicone opening	4 236 250 03 00 040
ST71-45	45	Silicone opening	4 236 250 03 00 045
ST71-50	50	Silicone opening	4 236 250 03 00 050
ST71-55	55	Silicone opening	4 236 250 03 00 055
ST71-60	60	Silicone opening	4 236 250 03 00 060

1 Prosthetics

1.8 Stump Socks

ST72 Stump Sock 2/3 terry (proximal) and 1/3 cotton (distal) for transtibial prostheses

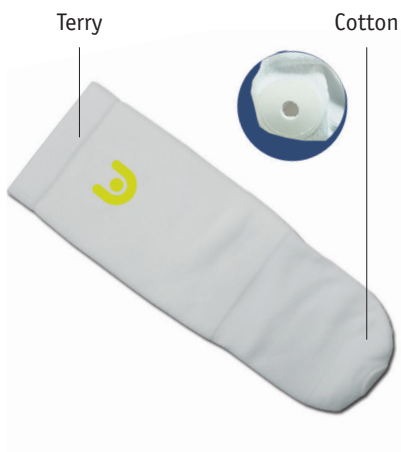
Machine wash at 60°C, color: white



Order No.	Length (cm)	Article No.
ST72-20	20	4 236 250 02 00 020
ST72-25	25	4 236 250 02 00 025
ST72-30	30	4 236 250 02 00 030
ST72-35	35	4 236 250 02 00 035
ST72-40	40	4 236 250 02 00 040
ST72-45	45	4 236 250 02 00 045
ST72-50	50	4 236 250 02 00 050
ST72-55	55	4 236 250 02 00 055
ST72-60	60	4 236 250 02 00 060

ST73 Stump Sock 2/3 terry (proximal) and 1/3 cotton (distal) for transtibial prostheses with distal hole

Machine wash at 60°C, color: white



Order No.	Length (cm)	Type of hole	Article No.
ST73-20	20	Silicone opening	4 236 250 04 00 020
ST73-25	25	Silicone opening	4 236 250 04 00 025
ST73-30	30	Silicone opening	4 236 250 04 00 030
ST73-35	35	Silicone opening	4 236 250 04 00 035
ST73-40	40	Silicone opening	4 236 250 04 00 040
ST73-45	45	Silicone opening	4 236 250 04 00 045
ST73-50	50	Silicone opening	4 236 250 04 00 050
ST73-55	55	Silicone opening	4 236 250 04 00 055
ST73-60	60	Silicone opening	4 236 250 04 00 060

ST74 Stump Sock 2/3 terry (proximal) and 1/3 nylon (distal) for transtibial prostheses

Machine wash at 60°C, color: white



Order No.	Length (cm)	Article No.
ST74-20	20	4 236 250 05 00 020
ST74-25	25	4 236 250 05 00 025
ST74-30	30	4 236 250 05 00 030
ST74-35	35	4 236 250 05 00 035
ST74-40	40	4 236 250 05 00 040
ST74-45	45	4 236 250 05 00 045
ST74-50	50	4 236 250 05 00 050
ST74-55	55	4 236 250 05 00 055
ST74-60	60	4 236 250 05 00 060

ST75 Stump Sock 2/3 terry (proximal) and 1/3 nylon (distal) for transtibial prostheses with distal hole

Machine wash at 60°C, color: white



Order No.	Length (cm)	Type of hole	Article No.
ST75-20	20	Silicone opening	4 236 250 06 00 020
ST75-25	25	Silicone opening	4 236 250 06 00 025
ST75-30	30	Silicone opening	4 236 250 06 00 030
ST75-35	35	Silicone opening	4 236 250 06 00 035
ST75-40	40	Silicone opening	4 236 250 06 00 040
ST75-45	45	Silicone opening	4 236 250 06 00 045
ST75-50	50	Silicone opening	4 236 250 06 00 050
ST75-55	55	Silicone opening	4 236 250 06 00 055
ST75-60	60	Silicone opening	4 236 250 06 00 060

Compression Sheaths

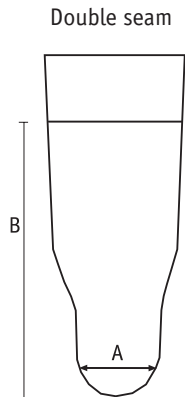
ST80 Nylon Compression Sheaths for transtibial prostheses

Stump covering used as an interface between the residual limb and the socket.

This knit compression sheath protects the skin from chafing caused by wearing the prosthesis.

Special features: Very fine knit and uniform fabric. The hem is barely noticeable and is not rolled. Slightly elastic, wrinkle-free fit.

Cleaning information: Wash with lukewarm water and a neutral detergent.



Order No.	Identification thread	Circumference A (cm)	Length B (cm)	Article No.
ST80-01	gray	18–23	20–32	4 236 200 01 00 000
ST80-02	light brown	18–23	32–48	4 236 200 02 00 000
ST80-03	yellow	18–23	45–64	4 236 200 03 00 000
ST80-04	light blue	18–23	60–87	4 236 200 04 00 000
ST80-05	reddish brown	21–27	20–32	4 236 200 05 00 000
ST80-06	blue	21–27	32–48	4 236 200 06 00 000
ST80-07	red	21–27	45–64	4 236 200 07 00 000
ST80-08	brown	21–27	60–87	4 236 200 08 00 000
ST80-09	black	24–32	20–32	4 236 200 09 00 000
ST80-10	dark green	24–32	32–48	4 236 200 10 00 000
ST80-11	dark gray	24–32	45–64	4 236 200 11 00 000
ST80-12	green	24–32	60–87	4 236 200 12 00 000

ST81 Nylon Compression Sheaths for Knee Disarticulation

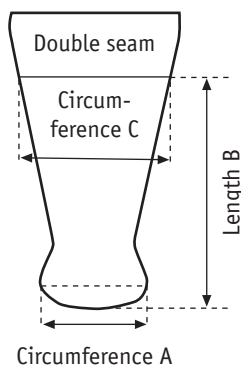
Stump covering used as an interface between the residual limb and the socket.

This finely knit compression sheath protects the skin from chafing caused by wearing the prosthesis.

Special features: Very fine knit and uniform fabric. The hem is barely noticeable and is not rolled.

Slightly elastic, wrinkle-free fit.

Cleaning information: Wash with lukewarm water and a neutral detergent.



Order No.	Identification thread	Circumference A (cm)	Length B (cm)	Circumference C (cm)	Article No.
ST81-1	gray/brown	20–40	32–34	36–72	4 236 220 01 00 000
ST81-2	gray/yellow	20–40	34–40	36–72	4 236 220 02 00 000
ST81-3	gray/red	20–40	38–46	36–72	4 236 220 03 00 000

ST82 Nylon Compression Sheaths for transfemoral prostheses

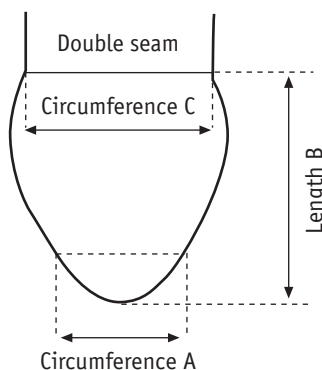
Stump covering used as an interface between the residual limb and the socket.

This finely knit compression sheath protects the skin from chafing caused by wearing the prosthesis.

Special features: Very fine knit and uniform fabric. The hem is barely noticeable and is not rolled.

Slightly elastic, wrinkle-free fit.

Cleaning information: Wash with lukewarm water and a neutral mild detergent.



Order No.	Identification thread	Circumference A (cm)	Length B (cm)	Circumference C (cm)	Article No.
ST82-1	dark brown/yellow	20–40	20–30	36–72	4 236 210 01 00 000
ST82-2	dark brown/green	20–40	30–45	36–72	4 236 210 02 00 000
ST82-3	dark brown/blue	20–40	45–70	36–72	4 236 210 03 00 000

1 Prosthetics

1.8 Stump Socks

ST89–91 Nylon Protective Sheaths

Fine, highly elastic nylon sheath that can be worn under the cotton stump sock like a second skin.

The smooth outside and rough inside adheres the sheath to the skin and guarantees that the cotton stump sock slides on easily.

Cleaning information: Wash with lukewarm water and a mild neutral detergent.

Color: white, 1 delivery unit = 2 pieces



Order No.	Length (cm)	Article No.
top width 16 cm		
ST89-30	30	4 236 230 02 00 030
ST89-35	35	4 236 230 02 00 035
ST89-40	40	4 236 230 02 00 040
ST89-45	45	4 236 230 02 00 045
ST89-50	50	4 236 230 02 00 050
ST89-55	55	4 236 230 02 00 055
ST89-60	60	4 236 230 02 00 060
top width 18 cm		
ST90-30	30	4 236 230 03 00 030
ST90-35	35	4 236 230 03 00 035
ST90-40	40	4 236 230 03 00 040
ST90-45	45	4 236 230 03 00 045
ST90-50	50	4 236 230 03 00 050
ST90-55	55	4 236 230 03 00 055
ST90-60	60	4 236 230 03 00 060
top width 20 cm		
ST91-30	30	4 236 230 04 00 030
ST91-35	35	4 236 230 04 00 035
ST91-40	40	4 236 230 04 00 040
ST91-45	45	4 236 230 04 00 045
ST91-50	50	4 236 230 04 00 050
ST91-55	55	4 236 230 04 00 055
ST91-60	60	4 236 230 04 00 060

Valves for Prosthetic Sockets

Flat Rubber Valve

Features: with thumb flap, without valve ring, inside diameter 24 mm; Material: rubber/silicone



Order No.	Valve ring outside	Article No.
V02	Ø 40 mm	4 233 020 00 00 000

Valve ring

Application: for flat rubber valves with an inside diameter of 24 mm



Order No.	Valve ring outside	Article No.
E-V01	Ø 40 mm	4 233 030 00 00 000

Tube with Valve Seat



Order No.	Valve ring outside	Article No.
E-V02	Ø 40 mm	4 233 080 00 00 000

1 Prosthetics

1.9 Valves

V08 Socket Valve

Features: for flexible sockets, **with automatic air expulsion**, with plastic key for the patient (Pict. 5)
Valve head $\varnothing = 27.8$ mm, Bore $\varnothing = 32$ mm; Material: Aluminum



Order No.	Article No.	Pict.
V08	4 233 090 00 00 000	1

! The valve dummy E-V07 and the special wrench E-V08 are to be ordered separately.

Service Parts and Accessories for V08 Socket Valves

Order No.	Description	Article No.	Pict.
E-V03	Valve body, with automatic air expulsion, for V08	4 233 091 03 00 000	2
E-V07	Valve Dummy for V08	4 233 091 04 00 000	3
E-V08	Special key for tightening the valve seat for valves V08	4 233 091 06 00 000	4
E-V09	Patient's key	4 233 091 07 00 000	5

V09 Socket Valve



The V09 and V09-A are valves for check- and interim-sockets, which are integrated directly into plastic material. The extra large opening facilitates an easy donning and prevents the donning aid (EasyProth) from wear.

- large valve opening
- material: plastic
- valve height 20 mm
- valve opening diameter: inside 30 mm, outside 35 mm
- set includes: dummy with pin, 2 deep drawing socks

Order No.	Description	Article No.	Pict.
V09	Socket Valve without automatic air expulsion	4 233 100 00 00 000	1
V09-A	Socket Valve with automatic air expulsion	4 663 040 00 00 000	2

V10 Socket Valve with manual air expulsion

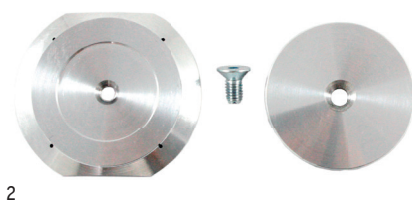


- large valve opening (see V09)
- with manual air expulsion
- material: plastic, stainless steel, aluminum
- 20 mm valve height
- valve opening diameter: inside 30 mm, outside 35 mm

Order No.	Description	Article No.
V10	Socket valve with manual air expulsion	4 660 050 00 00 000

! The Dummy-Set and the special wrench are to be ordered separately.

Service Parts and Accessories for V10 Socket Valves



Order No.	Description	Article No.	Pict.
E-V44	Dummy-Set V10	4 660 059 00 01 000	2
E-V45	Special wrench for V10	4 660 059 00 02 000	3
E-V46	Valve body for V09 and V10	4 660 059 00 03 000	4

1 Prosthetics

1.9 Valves

V13 Socket Valve

The valve is designed for use in vacuum-formed sockets. Valve head $\varnothing = 24$ mm, Bore $\varnothing = 28$ mm



Order No.	Description	Article No.	Pict.
V13	Valve for plastic sockets	4 233 140 00 00 000	1

! The dummy E-V17, the patient key E-V18 and the special wrench E-V19 are to be ordered separately.

Service Parts and Accessories for V13 Socket Valves

Order No.	Description	Article No.	Pict.
E-V15	Inner Valve Housing for Socket Valve	4 233 141 01 00 000	2
E-V16	Valve Housing for Socket Valve	4 233 141 03 00 000	3
E-V17	Dummy for Socket Valve	4 233 141 05 00 000	4
E-V18	Patient's Key for Socket Valve	4 233 141 06 00 000	5
E-V19	Special Wrench for Valve	4 233 141 07 00 000	6

V18 Contact Valve

The contact valve lets the air flow out when the button is pressed.
Valve head Ø = 33 mm, Bore Ø = 38 mm



V20 Flat Rubber Valve

The Flat Rubber Valve is a simple alternative for prostheses with flexible inner sockets.
Valve head Ø = 33 mm, Bore Ø = 38 mm

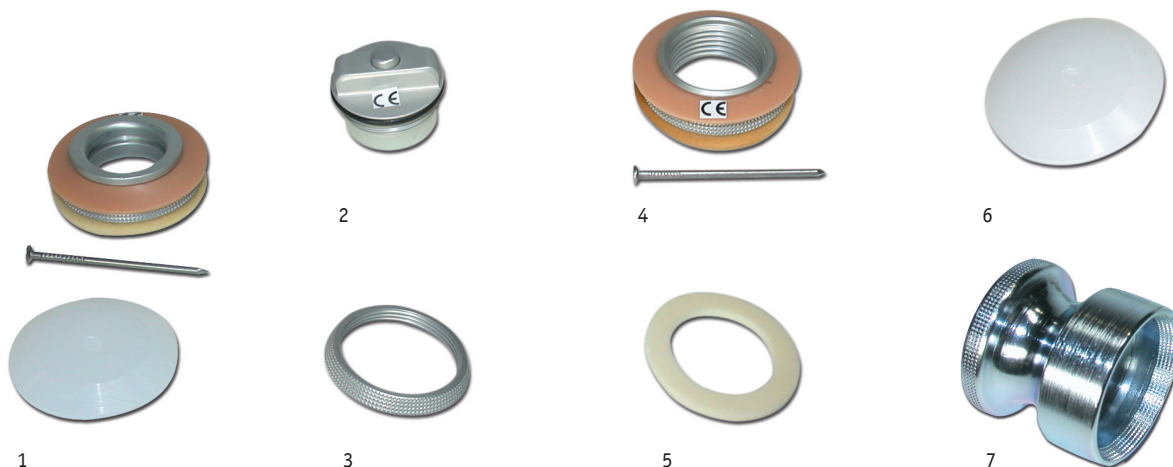


Order No.	Description	Article No.
V18	Contact Valve, complete	4 233 190 00 00 000

Order No.	Description	Article No.
V20	Flat Rubber Valve, complete	4 233 200 00 00 000

The valve body of V02 can be used alternatively.

Service Parts and Accessories for V18 and V20



Order No.	Description	for V18	for V20	Article No.	Pict.
E-V12	Ring for valve body	•		4 233 151 04 00 000	-
E-V14	Cosmetic ring for V18 and V22	•	•	4 233 151 08 00 000	-
E-V21	Valve Body	•		4 233 191 01 00 000	2
E-V22	Valve Housing	•		4 233 191 02 00 000	4
E-V23	Valve Dummy	•	•	4 233 191 04 00 000	6
E-V24	Threaded Coupling Ring	•	•	4 233 191 05 00 000	3
E-V25	Sealing Ring	•	•	4 233 191 06 00 000	5
E-V32	Special wrench	•	•	4 233 240 00 00 000	7
E-V36	Valve Housing	•	•	4 233 201 01 00 000	1

1 Prosthetics

1.9 Valves

V22 Expulsion Contact Valve

The semi-automatic expulsion contact valve is designed for short residual limbs. The air is expelled during gait and cannot flow back. Valve head Ø = 33 mm, Bore Ø = 38 mm



Order No.	Description	Article No.
V22	Expulsion Contact Valve, complete	4 233 230 00 00 000

V21 Jet Contact Valve

During ambulation, the Jet Contact Valve allows minimal air flow in and out of the prosthesis through a 0.8 mm opening. This prevents noises caused by sudden air escape along the socket walls. Valve head Ø = 33 mm, Bore Ø = 38 mm



Order No.	Description	Article No.
V21	Jet Contact Valve, complete	4 233 220 00 00 000

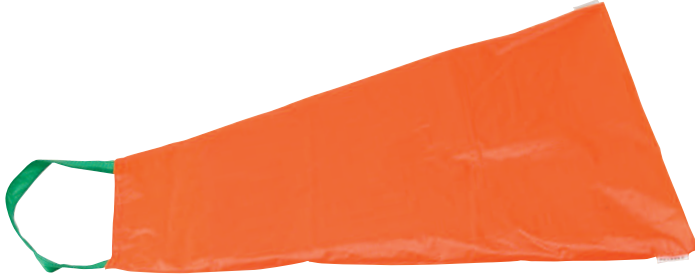
Service Parts and Accessories for Misc. Valves



Order No.	Description	Article No.	Pict.
E-V14	Cosmetic ring for V18 and V22	4 233 151 08 00 000	-
E-V32	Special Wrench for Valve Assembly (for V18, 19, 20, 21, 22)	4 233 240 00 00 000	1
E-V33	Valve Body for Jet Contact Valve (for V21, 22)	4 233 221 01 00 000	2
E-V34	Valve Body for Expulsion Contact Valve (for V21, 22)	4 233 231 01 00 000	3
E-V35	Expulsion Push Button for Expulsion Contact Valve (for V21, 22)	4 233 231 02 00 000	4

EasyProth® Donning Sleeve

The EasyProth® donning sleeve helps amputees correctly fit sockets when donning.



Order No.	Size	Circumference top (mm)	Circumference bottom (mm)	Length (mm)	Article No.
Easy-XS	XS	420	240	1000	4 152 010 01 00 002
Easy-S	S	460	260	1000	4 152 010 02 00 002
Easy-M	M	600	260	1000	4 152 010 03 00 002
Easy-L	L	720	310	1000	4 152 010 04 00 002
Easy-XL	XL	820	320	1000	4 152 010 05 00 002
Easy-XXL	XXL	820	320	1200	4 152 010 06 00 002

EasyProth® Accessories

The EasyProth® Extender makes threading the EasyProth® in and pulling it out of the socket valve much easier.



Order No.	Description	Article No.
Easy-E	EasyProth® Extender	4 152 020 00 00 001

Prosthesis Bag



Order No.	Description	Article No.
Z01	Prosthesis bag with logo, 120 x 50 cm, delivery unit = 10 pieces	4 156 060 01 00 000

1 Prosthetics

1.10 Socket Accessories

Cleani-Stump Skin-Protection and Disinfection Towels



- Cleani-Stump is ideal for quickly cleaning silicone liners, prostheses and orthoses
- Individually packaged, ideal and practical
- Content: 50 pieces

Order No.	Description	Content	Article No.
PS-05	Cleani Stump Cleansing Towels	50 towels	4 146 070 00 00 000

SoftSkin Air Support Package



- Filled bag with zipper for amputees with liner treatment
- Size: 20x10x10 cm, material: Polyester
- Content: 6 Cotton stump socks, 5 Cleani-Stump towels (see PS-05)
- Available in 3 versions (for BK with or without silicone opening, for AK with silicone opening)

Order No.	Description	Content	Article No.
S40-Air-SP	SoftSkin Air Support Package	6x ST12-35 (BK stump sock w. opening), 5x Cleani-Stump	4 164 028 00 00 000
S40CL-Air-SP	SoftSkin Air CL Support Package	6x ST10-35 (BK stump sock w/o opening), 5x Cleani-Stump	4 168 028 00 00 000
STF-Air-SP	SoftSkin Air TF Support Package	6x ST23-35 (AK stump sock w. opening), 5x Cleani-Stump	4 165 028 00 00 000



Flammable



Irritant

2 Orthotics

2.1 Ankle and Foot Orthoses

2.2 Lower Limb Orthoses

2.3 Hip Orthoses

2.4 Spinal Orthoses

2.5 Hand Orthoses

2.6 Cervical Orthoses



2 Orthotics

2.1 Ankle and Foot Orthoses

OF01 Peroneal Orthosis



Indication

- Peroneal paralysis (foot drop)
- Foot paralysis

Contra-Indication

- Heavy Foot-/Ankle deformities
- Spasticity
- M-L Instability
- Not for active patients

Characteristics

- Light Ankle-Foot-Orthosis from Polypropylene
- With calf pad
- Weight limit 80 kg

Order No.	Shoe Size	Size	Side	Height	Length	Article No.
OF01-1L	35-40	S	left	260 mm	240 mm	4 533 010 01 00 260
OF01-2L	41-44	M	left	290 mm	280 mm	4 533 010 01 00 290
OF01-3L	41-44	L	left	340 mm	280 mm	4 533 010 01 00 340
OF01-4L	44-47	XL	left	390 mm	300 mm	4 533 010 01 00 400
OF01-1R	35-40	S	right	260 mm	240 mm	4 533 010 02 00 260
OF01-2R	41-44	M	right	290 mm	280 mm	4 533 010 02 00 290
OF01-3R	41-44	L	right	340 mm	280 mm	4 533 010 02 00 340
OF01-4R	44-47	XL	right	390 mm	300 mm	4 533 010 02 00 400

OF02 Peroneal Orthosis (carbon-fiber reinforced)



Indication

- Peroneal paralysis (foot drop)
- Foot paralysis

Contra-Indication

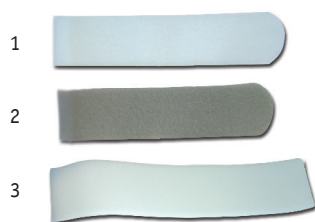
- Heavy Foot-/Ankle deformities
- Spasticity
- M-L Instability
- Not for very active users

Characteristics

- Light Ankle-Foot Orthosis from Polypropylene reinforced with **Carbonfiber**
- With calf pad
- Weight limit 100 kg

Order No.	Shoe Size	Size	Side	Height	Length	Article No.
OF02-1L	35-40	S	left	270 mm	240 mm	4 533 020 01 00 260
OF02-2L	41-44	M	left	290 mm	280 mm	4 533 020 01 00 290
OF02-3L	41-44	L	left	340 mm	280 mm	4 533 020 01 00 340
OF02-4L	44-47	XL	left	390 mm	300 mm	4 533 020 01 00 400
OF02-1R	35-40	S	right	270 mm	240 mm	4 533 020 02 00 260
OF02-2R	41-44	M	right	290 mm	280 mm	4 533 020 02 00 290
OF02-3R	41-44	L	right	340 mm	280 mm	4 533 020 02 00 340
OF02-4R	44-47	XL	right	390 mm	300 mm	4 533 020 02 00 400

Service Parts for Peroneal-Orthosis



Order No.	Description	Article No.	Pict.
E-OF01	Closure strap for OF01 with pile dot, for calf pad	4 533 010 00 00 000	1
E-OF02	Closure strap for OF01 with pile dot, for calf pad	4 533 021 01 00 000	2
E-OF03	Calf pad	4 533 021 02 00 000	3

OF08 Resting Splint



Indication

- Temporary resting splint for the lower and upper ankle joint
- Post Surgery
- Treatment of drop foot

Characteristics

- Thermo formable plastic splint
- Comfortable, removeable and washable inner pad
- Adjustable extension belts
- Including foam block for individual adjustment

Order No.	Shoe Size	Article No.
OF08-1	S = 21-26	4 532 010 01 00 000
OF08-2	M = 27-37	4 532 010 02 00 000
OF08-3	L = 38-44	4 532 010 03 00 000

2 Orthotics

2.1 Ankle and Foot Orthoses

Antivarus-Shoe (Home Shoe)



Indication

- Functional treatment of pes adductus (sickle foot)
- Passive correction of pes adductus

Function

This shoe has an integrated correction position. The molded rubber sole enables the child to walk without slipping.

- ! Abduction position 6°, reinforced heel cap, only for use during the day

With correction

Order No.	Foot length (mm)	Side	Article No.
OF1-75L	75	left	4 512 030 01 00 075
OF1-80L	80	left	4 512 030 01 00 080
OF1-85L	85	left	4 512 030 01 00 085
OF1-90L	90	left	4 512 030 01 00 090
OF1-95L	95	left	4 512 030 01 00 095
OF1-100L	100	left	4 512 030 01 00 100
OF1-105L	105	left	4 512 030 01 00 105
OF1-110L	110	left	4 512 030 01 00 110
OF1-115L	115	left	4 512 030 01 00 115
OF1-120L	120	left	4 512 030 01 00 120
OF1-125L	125	left	4 512 030 01 00 125
OF1-130L	130	left	4 512 030 01 00 130
OF1-135L	135	left	4 512 030 01 00 135
OF1-140L	140	left	4 512 030 01 00 140
OF1-145L	145	left	4 512 030 01 00 145
OF1-150L	150	left	4 512 030 01 00 150
OF1-155L	155	left	4 512 030 01 00 155
OF1-160L	160	left	4 512 030 01 00 160
OF1-165L	165	left	4 512 030 01 00 165

Order No.	Foot length (mm)	Side	Article No.
OF1-75R	75	right	4 512 030 02 00 075
OF1-80R	80	right	4 512 030 02 00 080
OF1-85R	85	right	4 512 030 02 00 085
OF1-90R	90	right	4 512 030 02 00 090
OF1-95R	95	right	4 512 030 02 00 095
OF1-100R	100	right	4 512 030 02 00 100
OF1-105R	105	right	4 512 030 02 00 105
OF1-110R	110	right	4 512 030 02 00 110
OF1-115R	115	right	4 512 030 02 00 115
OF1-120R	120	right	4 512 030 02 00 120
OF1-125R	125	right	4 512 030 02 00 125
OF1-130R	130	right	4 512 030 02 00 130
OF1-135R	135	right	4 512 030 02 00 135
OF1-140R	140	right	4 512 030 02 00 140
OF1-145R	145	right	4 512 030 02 00 145
OF1-150R	150	right	4 512 030 02 00 150
OF1-155R	155	right	4 512 030 02 00 155
OF1-160R	160	right	4 512 030 02 00 160
OF1-165R	165	right	4 512 030 02 00 165

Antivarus-Shoe (Home Shoe)



Function

If only one foot is affected, the anti-varus shoe without correction is worn on the healthy foot.

Without correction

Order No.	Foot length (mm)	Side	Article No.
OF2-75L	75	left	4 512 040 01 00 075
OF2-80L	80	left	4 512 040 01 00 080
OF2-85L	85	left	4 512 040 01 00 085
OF2-90L	90	left	4 512 040 01 00 090
OF2-95L	95	left	4 512 040 01 00 095
OF2-100L	100	left	4 512 040 01 00 100
OF2-105L	105	left	4 512 040 01 00 105
OF2-110L	110	left	4 512 040 01 00 110
OF2-115L	115	left	4 512 040 01 00 115
OF2-120L	120	left	4 512 040 01 00 120
OF2-125L	125	left	4 512 040 01 00 125
OF2-130L	130	left	4 512 040 01 00 130
OF2-135L	135	left	4 512 040 01 00 135
OF2-140L	140	left	4 512 040 01 00 140
OF2-145L	145	left	4 512 040 01 00 145
OF2-150L	150	left	4 512 040 01 00 150
OF2-155L	155	left	4 512 040 01 00 155
OF2-160L	160	left	4 512 040 01 00 160
OF2-165L	165	left	4 512 040 01 00 165

Order No.	Foot length (mm)	Side	Article No.
OF2-75R	75	right	4 512 040 02 00 075
OF2-80R	80	right	4 512 040 02 00 080
OF2-85R	85	right	4 512 040 02 00 085
OF2-90R	90	right	4 512 040 02 00 090
OF2-95R	95	right	4 512 040 02 00 095
OF2-100R	100	right	4 512 040 02 00 100
OF2-105R	105	right	4 512 040 02 00 105
OF2-110R	110	right	4 512 040 02 00 110
OF2-115R	115	right	4 512 040 02 00 115
OF2-120R	120	right	4 512 040 02 00 120
OF2-125R	125	right	4 512 040 02 00 125
OF2-130R	130	right	4 512 040 02 00 130
OF2-135R	135	right	4 512 040 02 00 135
OF2-140R	140	right	4 512 040 02 00 140
OF2-145R	145	right	4 512 040 02 00 145
OF2-150R	150	right	4 512 040 02 00 150
OF2-155R	155	right	4 512 040 02 00 155
OF2-160R	160	right	4 512 040 02 00 160
OF2-165R	165	right	4 512 040 02 00 165

2 Orthotics

2.1 Ankle and Foot Orthoses

Torsion Orthosis



Indication

Pathological internal tibial and foot rotation

Contraindication

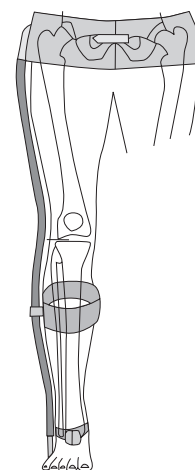
Pathological antetorsion of the femoral neck

Features

The torsion orthosis is a spring-rod fixed between a shoe attachment distally and a pelvic band proximally. An adjustable continuous torque is created to correct an existing rotational defect. The torsion rod connectors are made of aluminum, the rods are made from Vulkollan, a homogeneous elastomer. The calf band is made of leather. The rods can be pulled out of the connectors to enable length corrections of 20 mm on each end.

Order No.	Description	Torsion rod Ø (mm)	Torsion rod length (mm)	Article No.
OB100-08	Torsion orthosis, complete + calf band (15–20 cm)	8	700	4 518 010 00 00 008
OB100-10	Torsion orthosis, complete + calf band (20–25 cm)	10	800	4 518 010 00 00 010
OB100-12	Torsion orthosis, complete + calf band (20–25 cm)	12	1000	4 518 010 00 00 012
OB100-16	Torsion orthosis, complete + calf band (20–25 cm)	16	1000	4 518 010 00 00 016
OB101-08	Torsion orthosis without calf band	8	700	4 518 020 00 00 008
OB101-10	Torsion orthosis without calf band	10	800	4 518 020 00 00 010
OB101-12	Torsion orthosis without calf band	12	1000	4 518 020 00 00 012
OB101-16	Torsion orthosis without calf band	16	1000	4 518 020 00 00 016

Pelvic Band

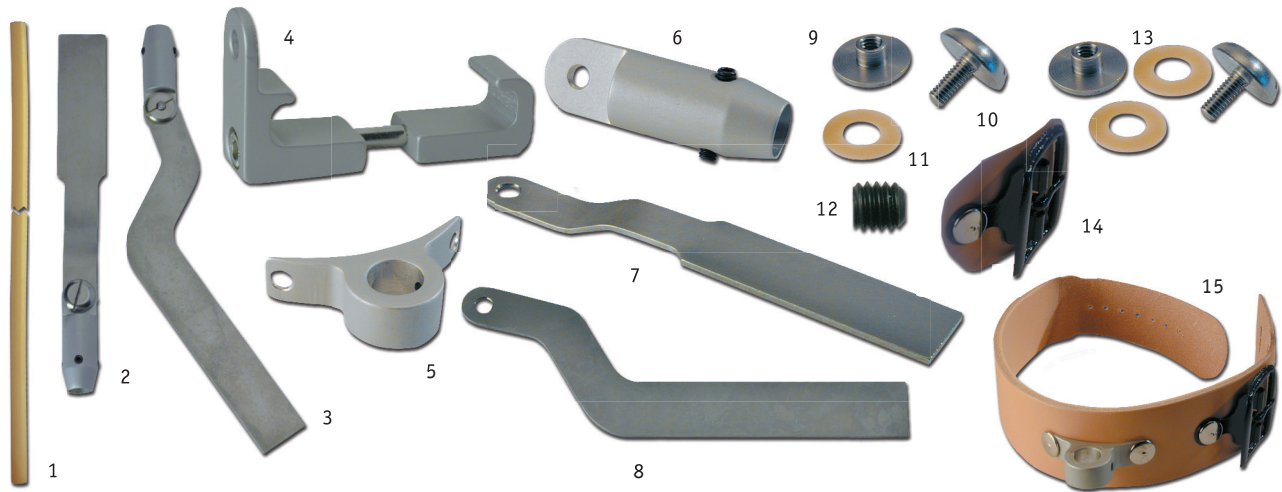


Order No.	Circumference	Article No.
OB102-45	40–45 cm	4 518 001 05 00 045
OB102-50	45–50 cm	4 518 001 05 00 050
OB102-55	50–55 cm	4 518 001 05 00 055
OB102-60	55–60 cm	4 518 001 05 00 060
OB102-65	60–65 cm	4 518 001 05 00 065
OB102-70	65–70 cm	4 518 001 05 00 070
OB102-75	70–75 cm	4 518 001 05 00 075
OB102-80	75–80 cm	4 518 001 05 00 080

2 Orthotics

2.2 Lower Limb Orthoses

Service Parts for Torsion Orthosis



Order No.	Description	Article No.	Pict.
E-OB01	Torsion rod for torsion orthosis, Ø 8 mm, length 700 mm	4 518 001 01 00 008	1
E-OB02	Torsion rod for torsion orthosis, Ø 10 mm, length 800 mm	4 518 001 01 00 010	1
E-OB03	Torsion rod for torsion orthosis, Ø 12 mm, length 1000 mm	4 518 001 01 00 012	1
E-OB04	Torsion rod for torsion orthosis, Ø 16 mm, length 1000 mm	4 518 001 01 00 016	1
E-OB05	Proximal attachment, straight, with connector, Ø 8 mm	4 518 001 02 00 008	2
E-OB06	Proximal attachment, straight, with connector, Ø 10 mm	4 518 001 02 00 010	2
E-OB07	Proximal attachment, straight, with connector, Ø 12 mm	4 518 001 02 00 012	2
E-OB08	Proximal attachment, straight, with connector, Ø 16 mm	4 518 001 02 00 016	2
E-OB09	Distal attachment, curved, with connector, Ø 8 mm	4 518 001 03 00 008	3
E-OB10	Distal attachment, curved, with connector, Ø 10 mm	4 518 001 03 00 010	3
E-OB11	Distal attachment, curved, with connector, Ø 12 mm	4 518 001 03 00 012	3
E-OB12	Distal attachment, curved, with connector, Ø 16 mm	4 518 001 03 00 016	3
E-OB13	Shoe clamp	4 518 001 04 00 008	4
E-OB14	Torsion rod guide, Ø 8 mm	4 518 001 07 00 008	5
E-OB15	Torsion rod guide, Ø 10 mm	4 518 001 07 00 010	5
E-OB16	Torsion rod guide, Ø 12 mm	4 518 001 07 00 012	5
E-OB17	Torsion rod guide, Ø 16 mm	4 518 001 07 00 016	5
E-OB18	Torsion rod connector, Ø 8 mm	4 518 001 08 00 008	6
E-OB19	Torsion rod connector, Ø 10 mm	4 518 001 08 00 010	6
E-OB20	Torsion rod connector, Ø 12 mm	4 518 001 08 00 012	6
E-OB21	Torsion rod connector, Ø 16 mm	4 518 001 08 00 016	6
E-OB22	Proximal attachment, straight	4 518 001 09 00 000	7
E-OB23	Distal attachment, curved	4 518 001 10 00 000	8
E-OB24	Joint nut, M4	4 518 001 11 00 000	9
E-OB25	Joint screw M4	4 518 001 12 00 000	10
E-OB26	Washer	4 518 001 13 00 000	11
E-OB27	Hexagon socket screw M4x4	4 518 001 14 00 000	12
E-OB28	Joint screw, set	4 518 001 15 00 000	13
E-OB29	Buckle, 30 mm	4 518 001 16 00 000	14
E-OB30	Calf band complete for torsion rod Ø 8 mm, circumference 15–20 cm	4 518 001 06 00 008	15
E-OB31	Calf band complete for torsion rod Ø 10 mm, circumference 20–25 cm	4 518 001 06 00 010	15
E-OB32	Calf band complete for torsion rod Ø 12 mm, circumference 20–25 cm	4 518 001 06 00 012	15
E-OB33	Calf band complete for torsion rod Ø 16 mm, circumference 25–30 cm	4 518 001 06 00 016	15
E-OB34	Calf band complete for torsion rod Ø 16 mm, circumference 30–35 cm	4 518 001 06 01 016	15

CoxaPort: Hip Orthoses for Postoperative Treatment.

The CoxaPort hip orthosis is designed for post-operative use on high-risk patients, and after revision surgery. The orthosis stabilizes the hip joint and limits its rotation.

The modular construction makes it easy to custom-fit the orthosis to the patient's hip circumference and shape, making it more comfortable to wear.

Overview of Technical Highlights



- Modular construction system
- Easy to handle and adjust
- Good skin tolerance
- Multiaxial joint
- Range of motion can be restricted
- Very stable
- Lightweight
- Comfortable fit

The CoxaPort has the following components:

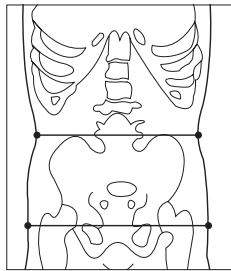
- Hip harness
- Hip pad
- Thigh harness
- Thigh pad
- Joint

! Please order all the different parts separately.

2 Orthotics

2.3 Hip Orthoses

Hip Sizing Diagram



Waist circumference

Hip circumference

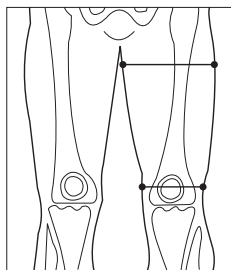
Waist circumference (cm)

Size S	59–83
Size M	79–97
Size L	93–116
Size XL	99–120

Hip circumference (cm)

Size S	67–91
Size M	89–111
Size L	105–127
Size XL	111–131

Thigh Sizing Diagram



Thigh circumference, proximal

Thigh circumference, distal

Thigh circumferences proximal (cm)

Size S	43–54 cm
Size M	47–61 cm
Size L	56–69 cm
Size XL	62–76 cm

Thigh circumferences distal (cm)

Size S	33–42 cm
Size M	35–46 cm
Size L	41–50 cm
Size XL	46–56 cm



1



2



3



4

1 Hip harness

Order No.	Size	Side	Article No.
CPH-SL	S	links	4 503 010 10 70 022
CPH-ML	M	links	4 503 010 10 70 033
CPH-LL	L	links	4 503 010 10 70 044
CPH-XLL	XL	links	4 503 010 10 70 055
CPH-SR	S	right	4 503 010 20 70 022
CPH-MR	M	right	4 503 010 20 70 033
CPH-LR	L	right	4 503 010 20 70 044
CPH-XLR	XL	right	4 503 010 20 70 055

2 Hip pads

Order No.	Size	Side	Article No.
CPHP-SL	S	left	4 503 010 11 00 022
CPHP-ML	M	left	4 503 010 11 00 033
CPHP-LL	L	left	4 503 010 11 00 044
CPHP-XLL	XL	left	4 503 010 11 00 055
CPHP-SR	S	right	4 503 010 21 00 022
CPHP-MR	M	right	4 503 010 21 00 033
CPHP-LR	L	right	4 503 010 21 00 044
CPHP-XLR	XL	right	4 503 010 21 00 055

3 Thigh harness

Order No.	Size	Side	Article No.
CPO-SL	S	left	4 503 010 10 80 022
CPO-ML	M	left	4 503 010 10 80 033
CPO-LL	L	left	4 503 010 10 80 044
CPO-XLL	XL	left	4 503 010 10 80 055
CPO-SR	S	right	4 503 010 20 80 022
CPO-MR	M	right	4 503 010 20 80 033
CPO-LR	L	right	4 503 010 20 80 044
CPO-XLR	XL	right	4 503 010 20 80 055

4 Thigh pads

Order No.	Size	Side	Article No.
CPOP-SL	S	left	4 503 010 10 00 022
CPOP-ML	M	left	4 503 010 10 00 033
CPOP-LL	L	left	4 503 010 10 00 044
CPOP-XLL	XL	left	4 503 010 10 00 055
CPOP-SR	S	right	4 503 010 21 10 022
CPOP-MR	M	right	4 503 010 21 10 033
CPOP-LR	L	right	4 503 010 21 10 044
CPOP-XLR	XL	right	4 503 010 21 10 055



Joint

Order No.	Description	Patient's height	Article No.
CPG-N	CoxaPort joint, normal	< 180 cm	4 503 010 00 90 001
CPG-L	CoxaPort joint, long	> 180 cm	4 503 010 00 90 002



Service Parts

Order No.	Description	Article No.
CPG-G	Belt, large (L, XL)	4 503 010 00 90 004
CPG-K	Belt, small (S, M)	4 503 010 00 90 005
CPG-GA	Joint cover	4 503 010 00 90 003
CPG-V	Bolt set (4 bolts, 1 hex wrench)	4 503 010 00 90 006

2 Orthotics

2.3 Hip Orthoses

Three-point Support Brace

Model 1 - for men



Indication

- Osteoporosis
- After vertebral fractures
- Severe kyphosis in the thoracic/lumbar area
- Post-operative

Features

- Comfortable light aluminum frame
- Movable and adjustable sternal pad
- Padded, adjustable waist strap
- Convenient anterior closure
- Adjustable pubic pad
- Easy to adjust using the Velcro closure strap

Order No.	min-max. length	Article No.
OR01-1	29-44 cm	4 530 010 01 00 000
OR01-2	37-52 cm	4 530 010 02 00 000

Model 2 - for women



Indication

- Osteoporosis
- After vertebral fractures
- Severe kyphosis in the thoracic/lumbar area
- Post-operative

Features

- Independently adjustable divided sternal pad (with Velcro attachment)
- Comfortable light aluminum frame
- Padded, adjustable waist strap
- Convenient anterior closure
- Adjustable pubic pad
- Easy to adjust using the Velcro closure strap

Order No.	min-max. length	Article No.
OR02-1	29-44 cm	4 530 020 01 00 000
OR02-2	37-52 cm	4 530 020 02 00 000

Size Selection:

- Measurement from the sternal pelotte, approx. 1,5 cm under the collar bones to the lower end of the pubic pelotte, approx. 5 cm over the pubic bone
- size 1: 29-44 cm / size 2: 37-52 cm
- Max. body circumference on waistline: 160 cm

2 Orthotics

2.4 Spinal Orthoses

Three-point Support Brace

Model 3 - for woman, with adjustable chest pads



Indication

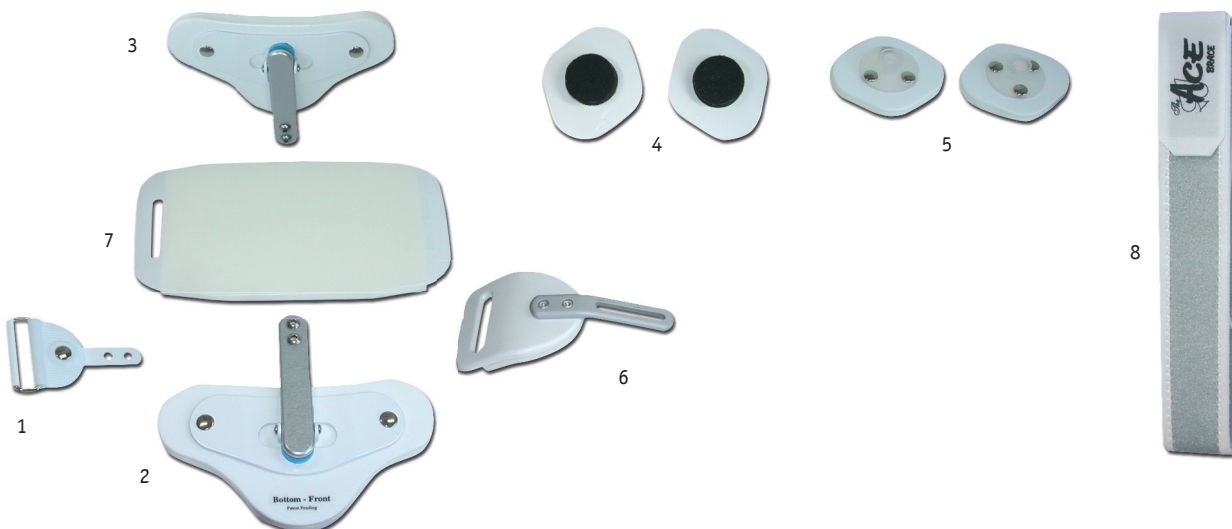
- Osteoporosis
- After vertebral fractures
- Severe kyphosis in the thoracic/lumbar area
- Post-operative

Features

- Independently adjustable divided sternal pad (silicone attachment)
- Comfortable light aluminum frame
- Padded, adjustable waist strap
- Convenient anterior closure
- Adjustable pubic pad
- Easy to adjust using the Velcro closure strap

Order No.	min-max. length	Article No.
OR03-1	29-44 cm	4 530 030 01 00 000
OR03-2	37-52 cm	4 530 030 02 00 000

Service Parts for Three-point Support Brace, Models 1, 2 and 3



Order No.	Description	Article No.	Pict.
E-OR01	Roller ring with chafe and bar	4 530 001 01 00 000	1
E-OR02	Moveable pubic pad	4 530 001 02 00 000	2
E-OR03	Movable chest pad for Model 1	4 530 001 03 00 000	3
E-OR04	Chest pads with Velcro attachment for Model 2, 1 pair	4 530 001 04 00 001	4
E-OR05	Chest pads with silicone attachment for Model 3, 1 pair	4 530 001 04 00 002	5
E-OR06	Side pad with bar	4 530 001 04 00 003	6
E-OR07	Thoracolumbar pad, regular	4 530 001 08 00 001	7
E-OR08	Thoracolumbar pad, large	4 530 001 09 00 000	as 7
E-OR09	Waist strap, complete, long	4 530 001 10 00 000	8

BECKER Spinal Orthosis



Indication

- Conservative treatment of vertebral compression fractures with stable posterior wall
- Lumbar adolescent kyphosis with compensating thoracic hyperextension
- After vertebral fractures
- Post-op
- Osteoporosis

Features

- Serrated joints allow the precise adjustment of the angular position of sternal and pubic pads in 5° increments
- Lateral uprights – length can be continuously adjusted, even for supine patients
- Swiveling chest pads are more comfortable
- Vertebral bodies are stabilized in hyperextension with various lumbar pads.
- No plaster cast is required.

Biomechanics

This orthosis has a frame construction which relieves the anterior edges of the vertebrae and prevents flexion and rotation while restricting the lateral movement in the lumbar and thoracolumbar areas.

Order No.	Description	Size	Article No.
OR04-S	Hyperextension Orthosis with Thoracolumbar Pad, standard	S	4 506 010 01 00 000
OR04-M	Hyperextension Orthosis with Thoracolumbar Pad, standard	M	4 506 010 02 00 000
OR04-L	Hyperextension Orthosis with Thoracolumbar Pad, standard	L	4 506 010 03 00 000

Order No.	Description	Size	Article No.
OR05-S	Hyperextension Orthosis with Thoracolumbar Pad, extra-wide	S	4 506 020 02 00 000
OR05-M	Hyperextension Orthosis with Thoracolumbar Pad, extra-wide	M	4 506 020 01 00 000
OR05-L	Hyperextension Orthosis with Thoracolumbar Pad, extra-wide	L	4 506 020 03 00 000

Place order using the measurement sheet (See Measurement Sheet category).

Accessories for BECKER Hyperextension Orthosis



Order No.	Description	Size	Article No.	Pict.
E-OR10	Thoracolumbar Pad, standard		4 506 001 02 00 000	1
E-OR11	Thoracolumbar Pad, extra-wide		4 506 001 01 00 000	1
E-OR12	Fastening straps for thoracolumbar		4 506 001 04 00 000	2
E-OR13	Closing pin for fixation strap		4 506 001 08 00 000	3
E-OR14	Button for fixation strap		4 506 001 09 00 000	4
E-OR15	Chest bar with pad	S	4 506 001 13 00 000	-
E-OR16	Chest bar with pad	M	4 506 001 11 00 000	-
E-OR17	Chest bar with pad	L	4 506 001 12 00 000	-
E-OR18	Pubic bar with pad	S	4 506 001 16 00 000	-
E-OR19	Pubic bar with pad	M	4 506 001 14 00 000	-
E-OR20	Pubic bar with pad	L	4 506 001 15 00 000	-
E-OR21	Side pad	M	4 506 001 17 00 022	-
E-OR22	Mount for side pad	M	4 506 001 18 00 022	-

2 Orthotics

2.4 Spinal Orthoses

BOSTON Spinal Orthosis



Indication

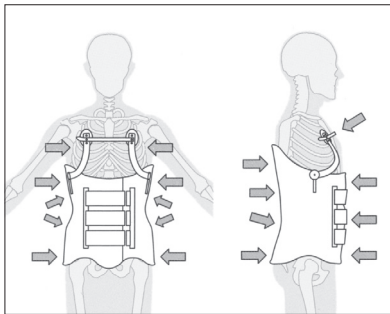
- Conservative treatment of painful segmental instability
- Postoperative segment stabilization after fusion surgery
- Preventative treatment for high-risk patients
- Thoracic kyphosis in the middle to low thoracic spine area

Features

- Anatomically shaped body modules made of polyethylene provide safe stabilization and support of pelvis, chest, and shoulders at several lordosis angles
- Optional: Attachment of hyperextension bars to stabilize the shoulders
- No plaster cast is required
- Thermally and mechanically formable
- Don and doff in a supine position with flexed knees

Biomechanics

- Immobilization of the spinal segments in the lumbosacral and thoracolumbar areas
- Prevention of flexion, rotation, and lateral movements
- Safe immobilization is achieved through hyperextension bars



For Men

Order No.	Size	Lordosis	Article No.
BOB-1	1	0 degrees	4 502 010 00 00 001
BOB-2	2	0 degrees	4 502 010 00 00 002
BOB-3	3	0 degrees	4 502 010 00 00 003
BOB-4	4	0 degrees	4 502 010 00 00 004
BOB-5	5	0 degrees	4 502 010 00 00 005
BOB-6	6	0 degrees	4 502 010 00 00 006
BOB-7	7	0 degrees	4 502 010 00 00 007
BOB-8	8	0 degrees	4 502 010 00 00 008
BOB15-1	1	15 degrees	4 502 010 15 00 001
BOB15-2	2	15 degrees	4 502 010 15 00 002
BOB15-3	3	15 degrees	4 502 010 15 00 003
BOB15-4	4	15 degrees	4 502 010 15 00 004
BOB15-5	5	15 degrees	4 502 010 15 00 005
BOB15-6	6	15 degrees	4 502 010 15 00 006
BOB15-7	7	15 degrees	4 502 010 15 00 007
BOB15-8	8	15 degrees	4 502 010 15 00 008

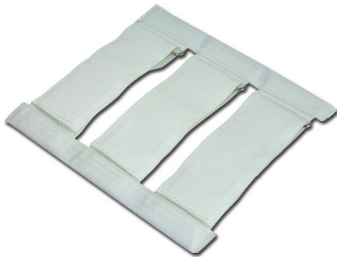
For Women

Order No.	Size	Lordosis	Article No.
BOB15-1D	1D	15 degrees	4 502 020 15 00 001
BOB15-2D	2D	15 degrees	4 502 020 15 00 002
BOB15-3D	3D	15 degrees	4 502 020 15 00 003
BOB15-4D	4D	15 degrees	4 502 020 15 00 004
BOB15-5D	5D	15 degrees	4 502 020 15 00 005
BOB15-6D	6D	15 degrees	4 502 020 15 00 006
BOB15-7D	7D	15 degrees	4 502 020 15 00 007
BOB15-8D	8D	15 degrees	4 502 020 15 00 008

! The hyperextension bars, closure straps and dorsal reinforcement stays must be ordered separately. Place order using the measurement sheet (See Measurement Sheet Category).

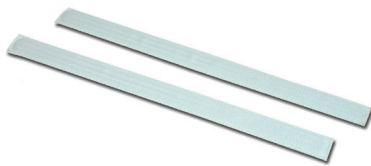
Accessories for BOSTON Spinal Orthosis

Closure Straps



Order No.	Length	Article No.
E-BOB01	16 cm	4 502 001 03 00 006
E-BOB02	18 cm	4 502 001 03 00 007
E-BOB03	21 cm	4 502 001 03 00 008
E-BOB04	24 cm	4 502 001 03 00 009

Dorsal Reinforcement Stays, pair



Order No.	Length	Article No.
E-BOB10	21 cm	4 502 001 04 00 021
E-BOB11	26 cm	4 502 001 04 00 026
E-BOB12	29 cm	4 502 001 04 00 029
E-BOB13	32 cm	4 502 001 04 00 032
E-BOB14	34 cm	4 502 001 04 00 034
E-BOB15	36 cm	4 502 001 04 00 036
E-BOB17	43 cm	4 502 001 04 00 016

Hyperextension Bars, pair



Order No.	Size	Distance (center of rotation to top of pad)	Article No.
E-BOB20	M	20 cm	4 502 001 01 00 000
E-BOB21	L	21,5 cm	4 502 001 02 00 000

2 Orthotics

2.4 Spinal Orthoses

T-Shirts

Short-sleeve T-shirt, for children and adults

White, 96% cotton, 4% elasthan. The T-shirts are specially made to be used under the corsets.

- Extra long
- Narrow sleeve opening
- Prevents wrinkling around the axilla so painful pressure spots are avoided
- No side seam



Order No.	Size	Article No.
OR10-098	98	4 237 010 00 00 098
OR10-104	104	4 237 010 00 00 104
OR10-110	110	4 237 010 00 00 110
OR10-116	116	4 237 010 00 00 116
OR10-122	122	4 237 010 00 00 122
OR10-128	128	4 237 010 00 00 128
OR10-134	134	4 237 010 00 00 134
OR10-140	140	4 237 010 00 00 140
OR10-146	146	4 237 010 00 00 146
OR10-152	152	4 237 010 00 00 152
OR10-158	158	4 237 010 00 00 158
OR10-164	164	4 237 010 00 00 164
OR10-176	176	4 237 010 00 00 176
OR10-S	S	4 237 020 01 00 000
OR10-M	M	4 237 020 02 00 000
OR10-L	L	4 237 020 03 00 000
OR10-XL	XL	4 237 020 04 00 000
OR10-XXL	XXL	4 237 020 05 00 000

Sleeveless T-shirt, for children and adults

Material and design see Short-sleeve T-Shirt above.



Order No.	Size	Article No.
OR11-098	98	4 237 030 00 00 098
OR11-104	104	4 237 030 00 00 104
OR11-110	110	4 237 030 00 00 110
OR11-116	116	4 237 030 00 00 116
OR11-128	128	4 237 030 00 00 128
OR11-134	134	4 237 030 00 00 134
OR11-140	140	4 237 030 00 00 140
OR11-146	146	4 237 030 00 00 146
OR11-152	152	4 237 030 00 00 152
OR11-158	158	4 237 030 00 00 158
OR11-164	164	4 237 030 00 00 164
OR11-176	176	4 237 030 00 00 176
OR11-S	S	4 237 040 01 00 000
OR11-M	M	4 237 040 02 00 000
OR11-L	L	4 237 040 03 00 000
OR11-XL	XL	4 237 040 04 00 000
OR11-XXL	XXL	4 237 040 05 00 000

DAHO Hand Orthoses: *For individualized treatment.*

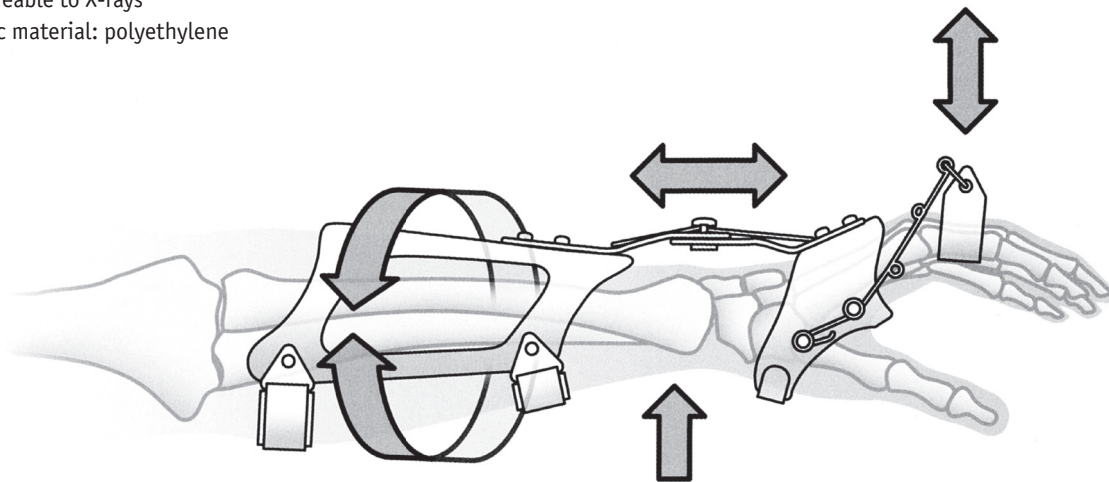
A healthy hand is characterized by its flexibility, strength, sensitivity, and expressiveness. So it is an essential tool and sensory and expression organ. The hand's ability to perform these functions may be compromised by illness or injury. The DAHO hand orthoses help restore the hand's natural mobility and, as a result, its functionality.

These modular orthoses are available in four different models according to the specific indication:

- RHEUMATISM ORTHOSIS MODEL 1
- EXTENSION ORTHOSIS MODEL 2.X
- FLEXION ORTHOSIS MODEL 3
- RESTING SPLINT MODEL 4.X

Features of all DAHO hand orthoses:

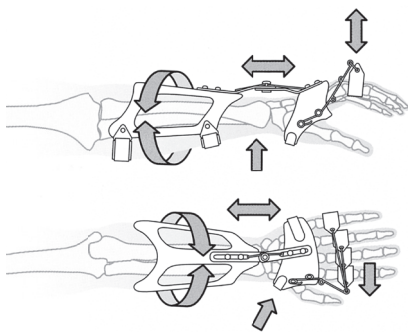
- Modular construction
- Good fit
- Good skin tolerance
- Lightweight
- Adjustable and easy to handle
- Permeable to X-rays
- Basic material: polyethylene



2 Orthotics

2.5 Hand Orthoses

DAHO Hand Orthosis, Model 1



Indication

- Conservative and post-operative treatment of rheumatoid arthritis
- Improvement of gripping function and prevention of contractures
- Before hand surgery for activation in cases of ulnar deviation
- Maintenance of the position after soft tissue or prosthetic replacement surgery
- Correction of hand deviations

Features

- Individual movement of digits
- Maintains wrist movement
- Prevention of contractures
- Dynamic redression

Biomechanics

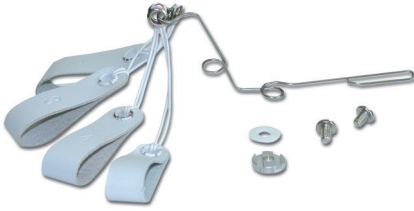
- Dynamic retention of the MP joints and correction of hand deviations
- Straightening of the four long digits in dorso-radial direction
- Realignment of the midhand in dorso-ulnar direction
- Restoration of the anatomical palmar transverse arch

Order No.	Size	Side	Article No.
DAHO1-SL	S	left	4 501 010 01 01 000
DAHO1-ML	M	left	4 501 010 01 02 000
DAHO1-LL	L	left	4 501 010 01 03 000
DAHO1-SR	S	right	4 501 010 02 01 000
DAHO1-MR	M	right	4 501 010 02 02 000
DAHO1-LR	L	right	4 501 010 02 03 000

- ! 2 extra rubber bands for finger loop (E-DAHO 28) inclusive. Place order using the measurement sheet (See Measurement Sheet category). Delivery includes one rigid and one flexible connection bar (E-DAHO 20/21 and E-DAHO 22).

Service Parts for DAHO Model 1

Extension Unit, complete



Order No.	Size	Side	Article No.
E-DAH010	S/M	left	4 501 011 01 01 000
E-DAH011	L	left	4 501 011 01 02 000
E-DAH012	S/M	right	4 501 011 02 01 000
E-DAH013	L	right	4 501 011 02 02 000

Midhand Cuff



Order No.	Size	Side	Article No.
E-DAH014	S	left	4 501 011 01 03 000
E-DAH015	M	left	4 501 011 01 04 000
E-DAH016	L	left	4 501 011 01 05 000
E-DAH017	S	right	4 501 011 02 03 000
E-DAH018	M	right	4 501 011 02 04 000
E-DAH019	L	right	4 501 011 02 05 000

Connection Bar, with screws



Order No.	Description	Article No.	Pict.
E-DAH020	rigid, left	4 501 021 01 12 000	1
E-DAH021	rigid, right	4 501 021 02 12 000	1
E-DAH022	flexible, with spring, for left and right	4 501 011 00 07 000	2

Forearm Cuff



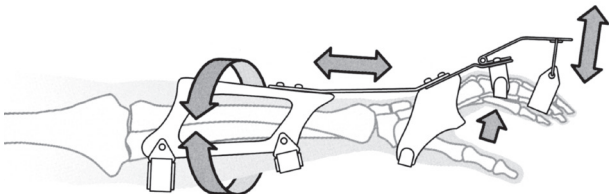
Order No.	Description	Article No.
E-DAH023	for left and right	4 501 011 00 08 000

2 Orthotics

2.5 Hand Orthoses

DAHO Hand Orthosis, Model 2.1

Basic model with MP blocker und rigid wrist connector



Indication

For passive use of the orthosis

- Extension and immobilization of the flexors of the fingers with a rigid wrist

For active use of the orthosis

- Strengthening the flexors and extension of the finger extensors
- Prevention of contracture in case of lesions of the peripheral nervous system
- Redression of soft tissue contractures with flexion deformities

Features

- Traction force adaptable to the joints
- Maximum force effect on the movement of each finger

Optional: dynamic thumb extensor

Biomechanics

This orthosis facilitates dynamic flexion of the DIP/PIP/MP joints to strengthen the flexors, and passive extension of the DIP/PIP/MP joints to stretch or immobilize the flexors with a rigid wrist.

Order No.	Size	Side	Article No.
DAH021-SL	S	left	4 501 020 01 01 000
DAH021-ML	M	left	4 501 020 01 02 000
DAH021-LL	L	left	4 501 020 01 03 000
DAH021-SR	S	right	4 501 020 02 01 000
DAH021-MR	M	right	4 501 020 02 02 000
DAH021-LR	L	right	4 501 020 02 03 000

- ! 2 extra rubber bands for finger loop (E-DAHO 28) included. Place order using the measurement sheet (See Measurement Sheet category).

DAHO Hand Orthosis, Model 2.2

Basic model without MP blocker and rigid wrist connector



Indication

See model 2.1

Features

- Traction force adaptable to the joints
- Maximum force effect on the movement of each finger

Biomechanics

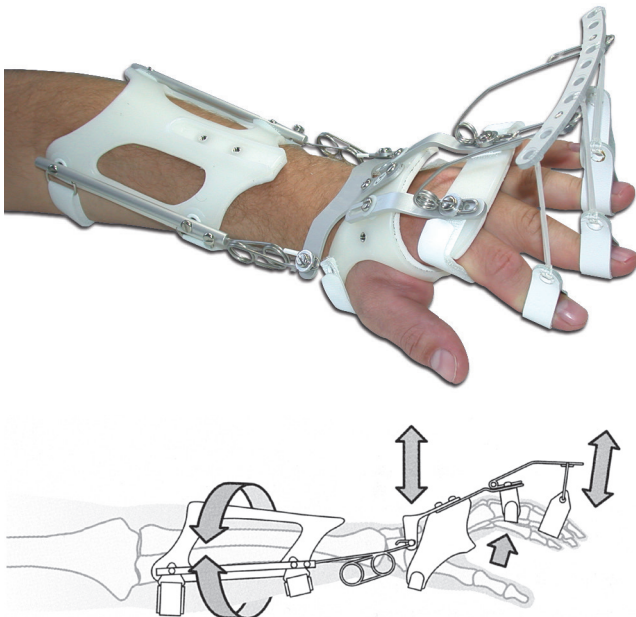
See model 2.1

Order No.	Size	Side	Article No.
DAH022-SL	S	left	4 501 030 01 01 000
DAH022-ML	M	left	4 501 030 01 02 000
DAH022-LL	L	left	4 501 030 01 03 000
DAH022-SR	S	right	4 501 030 02 01 000
DAH022-MR	M	right	4 501 030 02 02 000
DAH022-LR	L	right	4 501 030 02 03 000

- ! 2 extra rubber bands for finger loop (E-DAHO 28) included. Place order using the measurement sheet (See Measurement Sheet category).

DAH0 Hand Orthosis, Model 2.3

Basic model with MP blocker and dynamic wrist spring



Indication

For passive use of the orthosis

- Extension and immobilization of the flexors of the fingers without a rigid wrist

For active use of the orthosis

- Strengthening the flexors and extension of the finger extensors and the wrist
- Prevention of contracture in case of lesions of the peripheral nervous system
- Redression of soft tissue contractures with flexion deformities

Features

- Traction force adaptable to the joints
- Concentration of the extension forces on the DIP and PIP joints and on the wrist against the MP blocker

Optional: dynamic thumb extensor

Biomechanics

The orthosis facilitates dynamic flexion of the DIP/PIP/MP joints to strengthen the flexors, as well as passive extension of the DIP/PIP/MP joints to stretch or immobilize the flexors with a rigid MP joint and a flexible wrist.

Order No.	Size	Side	Article No.
DAH023-SL	S	left	4 501 040 01 01 000
DAH023-ML	M	left	4 501 040 01 02 000
DAH023-LL	L	left	4 501 040 01 03 000
DAH023-SR	S	right	4 501 040 02 01 000
DAH023-MR	M	right	4 501 040 02 02 000
DAH023-LR	L	right	4 501 040 02 03 000

- ! 2 extra rubber bands for finger loop (E-DAHO 28) included. Place order using the measurement sheet (See Measurement Sheet category)

DAH0 Hand Orthosis, Model 2.4

Basic model without MP blocker and dynamic wrist spring



Indication

See model 2.3

Features

- Traction force adaptable to the joints
 - Concentration of the extension forces on the DIP/PIP/MP joints
- Optional: dynamic thumb extensor*

Biomechanics

See model 2.3

Order No.	Size	Side	Article No.
DAH024-SL	S	left	4 501 050 01 01 000
DAH024-ML	M	left	4 501 050 01 02 000
DAH024-LL	L	left	4 501 050 01 03 000
DAH024-SR	S	right	4 501 050 02 01 000
DAH024-MR	M	right	4 501 050 02 02 000
DAH024-LR	L	right	4 501 050 02 03 000

- ! 2 extra rubber bands for finger loop (E-DAHO 28) included. Place order using the measurement sheet (See Measurement Sheet category).

2 Orthotics

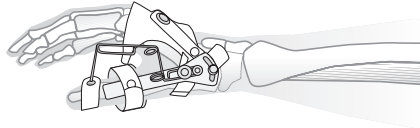
2.5 Hand Orthoses

Service Parts and Accessories for DAHO, Models 2.1–2.4

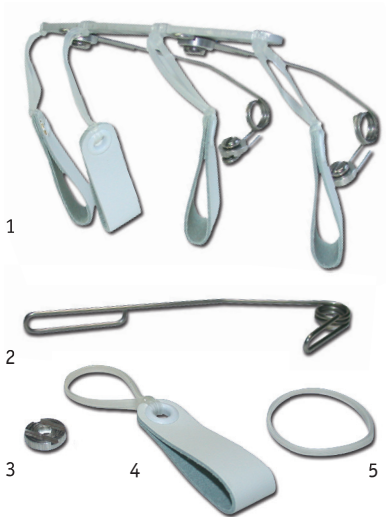
Dynamic Thumb Extensor



Order No.	Side	Article No.
DAHO-EXL	left	4 501 021 01 02 000
DAHO-EXR	right	4 501 021 02 02 000



Dynamic Extensor and Service Parts



Order No.	Description	Article No.	Pict.
E-DAHO24	Dynamic extensor, complete, for right and left	4 501 021 00 01 000	1
E-DAHO25	Coil spring	4 501 001 00 05 000	2
E-DAHO26	Slotted washer, M4 aluminum	4 501 001 00 14 000	3
E-DAHO27	Finger loop and rubber band	4 501 001 00 19 000	4
E-DAHO28	Rubber band for finger loop	4 501 001 00 08 000	5

MP blocker, incl. attachment bars



Order No.	Size	Side	Article No.
E-DAHO29	S/M	left	4 501 021 01 03 000
E-DAHO30	L	left	4 501 021 01 04 000
E-DAHO31	S/M	right	4 501 021 02 03 000
E-DAHO32	L	right	4 501 021 02 04 000

Dynamic Extensor with MP Blocker



Order No.	Size	Side	Article No.
E-DAHO33	S/M	left	4 501 021 01 05 000
E-DAHO34	L	left	4 501 021 01 06 000
E-DAHO35	S/M	right	4 501 021 02 05 000
E-DAHO36	L	right	4 501 021 02 06 000

Midhand Cuff



Order No.	Size	Side	Article No.
E-DAH037	S	left	4 501 021 01 08 000
E-DAH038	M	left	4 501 021 01 09 000
E-DAH039	L	left	4 501 021 01 10 000
E-DAH040	S	right	4 501 021 02 08 000
E-DAH041	M	right	4 501 021 02 09 000
E-DAH042	L	right	4 501 021 02 10 000

Wrist Coil Spring



Order No.	Side	Article No.
E-DAH043	for left and right	4 501 021 00 11 000



The coil springs for the wrist (Ø 1.9 mm) can be ordered separately.

Order No.	Side	Article No.
E-DAH044	left	4 501 011 01 06 000
E-DAH045	right	4 501 011 02 06 000

Connection bar, incl. screws



Order No.	Side	Article No.
E-DAH020	rigid, left	4 501 021 01 12 000
E-DAH021	rigid, right	4 501 021 02 12 000

Forearm Cuff

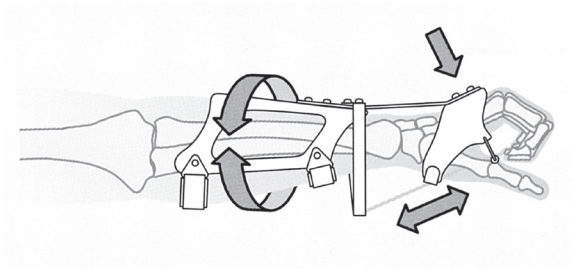
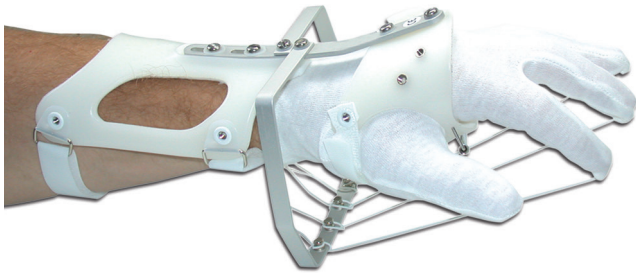


Order No.	Side	Article No.
E-DAH023	for left and right	4 501 011 00 08 000

2 Orthotics

2.5 Hand Orthoses

DAHO Hand Orthosis, Model 3



Indication

Conservative and postoperative treatment after injuries to the extensor tendons

- Redression of flexion deficits and soft tissue contractures
- Strengthening of the finger extensors through applying dynamic flexion forces

Features

- Gentle application of force with minimal friction through a roller bar on the volar side of the orthosis
- Fixation of the wrist
- Maximum flexion of all finger joints

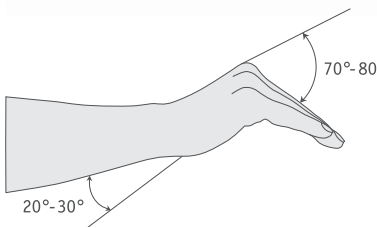
Biomechanics

The orthosis facilitates active extension of the DIP/PIP/MP joints to strengthen the finger extensors, as well as passive flexion of the DIP/PIP/MP joints to stretch or immobilize the finger extensors with a rigid wrist.

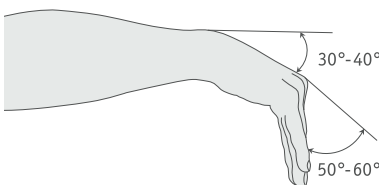
Order No.	Size	Side	Article No.
DAH03-SL	S	left	4 501 070 01 01 000
DAH03-ML	M	left	4 501 070 01 02 000
DAH03-LL	L	left	4 501 070 01 03 000
DAH03-SR	S	right	4 501 070 02 01 000
DAH03-MR	M	right	4 501 070 02 02 000
DAH03-LR	L	right	4 501 070 02 03 000

! Place order using the measurement sheet (See Measurement Sheet category).

DAHO Hand Orthosis, Model 3.1 (“Kleinert Orthosis”)



Pre-assembled orthosis for intrinsic-plus-position (delivery condition)



Flexion-Position according “Kleinert” by using the long connection bar E-DAHO60

! The long connection bar is to be ordered separately

Indication

For conservative and post-operative treatment after injuries of the extensor tendons (i.e. in intrinsic-plus-position or according “Kleinert”)

- Early mobilization treatment after surgery of the extensor tendons
- Redression of flexion deficits and soft tissue contractures
- Strengthening of the finger extensors through applying dynamic flexion forces

Features

- Standard: Connection bar for intrinsic-plus-position
- Optional: Long connection bar for flexion of the wrist according to “Kleinert”
- Removable MP blocker II. Finger ray
- Removable MP blocker III.-V. Finger rays
- 2 piece midhand cuff facilitates easy donning and doffing of the orthosis by the user
- Precise steering via deviating point in the palmar area
- Including 10 self-adhesive Velcro-pads with flexible bands
- Also usable for the thumb
- Selection of size, width and angle of all components by individual modification

Biomechanics

The finger joints are passively flexed by the rubber bands. The extension occurs against the resistance of the rubber bands. These exercises stimulate healing, prevent from concretions and protect the tendons against overstress. Whereas the MP-blocker facilitate the individual adjustment of the requested movement and the connection parts allow the flexion of the wrist (intrinsic position or according “Kleinert”).

Order No.	Size	Side	Article No.
DAH031-SL	S	left	4 695 010 01 01 000
DAH031-ML	M	left	4 695 010 01 02 000
DAH031-LL	L	left	4 695 010 01 03 000
DAH031-SR	S	right	4 695 010 02 01 000
DAH031-MR	M	right	4 695 010 02 02 000
DAH031-LR	L	right	4 695 010 02 03 000

! Place order by using the measurement sheet (see Measurement Sheets category)

2 Orthotics

2.5 Hand Orthoses

Service Parts and Accessories for DAHO, Models 3–3.1

Midhand Cuff, one-piece (for Model 3)



Order No.	Size	Side	Article No.
E-DAHO37	S	left	4 501 021 01 08 000
E-DAHO38	M	left	4 501 021 01 09 000
E-DAHO39	L	left	4 501 021 01 10 000
E-DAHO40	S	right	4 501 021 02 08 000
E-DAHO41	M	right	4 501 021 02 09 000
E-DAHO42	L	right	4 501 021 02 10 000

Midhand Cuff, two-piece (for Model 3.1)



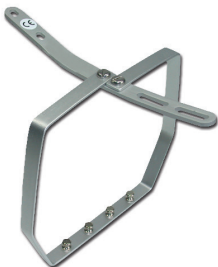
Order No.	Size	Side	Article No.
E-DAHO61	S	left	4 695 019 01 01 022
E-DAHO62	M	left	4 695 019 01 01 033
E-DAHO63	L	left	4 695 019 01 01 044
E-DAHO64	S	right	4 695 019 02 01 022
E-DAHO65	M	right	4 695 019 02 01 033
E-DAHO66	L	right	4 695 019 02 01 044

Forearm Cuff (for Model 3–3.1)



Order No.	Side	Article No.
E-DAHO23	for left and right	4 501 011 00 08 000

Flexion Unit incl. connection bar and holding stirrup (for Model 3)



Order No.	Description	Article No.
E-DAHO46	Connection bar, left	4 501 071 01 02 000
E-DAHO47	Connection bar, right	4 501 071 02 02 000
E-DAHO48	Holding stirrup, left/right	4 501 071 00 03 000

! Parts must be ordered separately.

Glove with Rubber Bands (for Model 3)



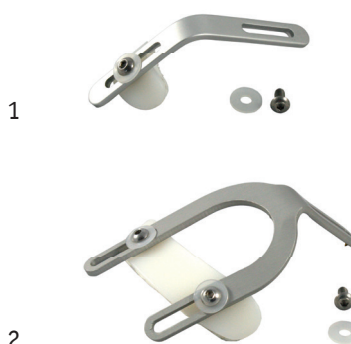
Order No.	Size	Side	Article No.
E-DAHO49	S/M	left	4 501 071 01 04 000
E-DAHO50	L	left	4 501 071 01 05 000
E-DAHO51	S/M	right	4 501 071 02 04 000
E-DAHO52	L	right	4 501 071 02 05 000

Roller Bar incl. screw (for Model 3)



Order No.	Side	Article No.
E-DAH053	left	4 501 071 01 01 000
E-DAH054	right	4 501 071 02 01 000

MP-Blocker, incl. screw (for Model 3.1)



Order No.	Description	Article No.	Pict.
E-DAH055	MP-Blocker II (Index finger), left	4 695 019 01 03 000	1
E-DAH056	MP-Blocker II (Index finger), right	4 695 019 02 03 000	1
E-DAH057	MP-Blocker III-V (Middle to little finger), left	4 695 019 01 04 000	2
E-DAH058	MP-Blocker III-V (Middle to little finger), right	4 695 019 02 04 000	2

Connection bar long (for model 3.1 „Kleinert“)



Order No.	Side	Article No.
E-DAH060	for left and right	4 695 019 00 02 000

Connection bar standard (for model 3.1 intrinsic-plus-position)



Order No.	Side	Article No.
E-DAH020	rigid, left	4 501 021 01 12 000
E-DAH021	rigid, right	4 501 021 02 12 000

Deviation hook, incl. screw (for model 3.1)



Order No.	Side	Article No.
E-DAH067	for left and right	4 695 019 00 05 000

Flexion band set, incl. 10 self-adhesive Velcro-pads (for model 3.1)

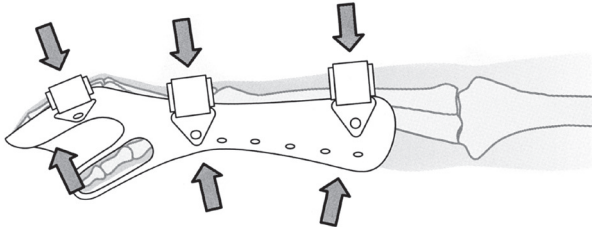


Order No.	Article No.
E-DAH059	4 695 019 00 06 000

2 Orthotics

2.5 Hand Orthoses

DAHO Hand Orthosis, Model 4



Indication

To immobilize the wrist, finger and thumb joints

- Primary treatment, e. g., after burns
- For acute pain
- For physiological positioning after hand surgery

Features

- Anatomically functional positioning of the hand
- Thermoformable reworking possibility

Order No.	Size	Side	Article No.
DAH04-SL	S	left	4 501 080 01 01 000
DAH04-ML	M	left	4 501 080 01 02 000
DAH04-LL	L	left	4 501 080 01 03 000
DAH04-XLL	XL	left	4 501 080 01 04 000
DAH04-SR	S	right	4 501 080 02 01 000
DAH04-MR	M	right	4 501 080 02 02 000
DAH04-LR	L	right	4 501 080 02 03 000
DAH04-XLR	XL	right	4 501 080 02 04 000

DAHO Hand Orthosis, Model 4 (perforated)



Indication

See model 4

Features

- Anatomically functional positioning of the hand
- Thermoformable reworking possibility
- Air permeability due to perforations

Order No.	Size	Side	Article No.
DAH04P-SL	S	left	4 501 090 01 01 000
DAH04P-ML	M	left	4 501 090 01 02 000
DAH04P-LL	L	left	4 501 090 01 03 000
DAH04P-SR	S	right	4 501 090 02 01 000
DAH04P-MR	M	right	4 501 090 02 02 000
DAH04P-LR	L	right	4 501 090 02 03 000

Philadelphia Cervical Collar with Tracheotomy Opening



Indication

- Cervical syndrome
- After neck injury
- Dislocation in the neck area
- Moderate or severe whiplash injury
- Deterioration of the intervertebral disks
- Postoperative stabilization after cervical vertebrae surgery

Features

- Consists of two half-shells made of thermoformable Plastazote
- Held together with hook-and-loop fastening straps.
- With tracheotomy opening

Order No.	Size and Neck Circumference	Height*	Article No.
OH2-S06	S (25–31 cm)	6.0 cm (2 1/4")	4 531 020 01 00 060
OH2-S08	S (25–31 cm)	8.0 cm (3 1/4")	4 531 020 01 00 080
OH2-S10	S (25–31 cm)	10.5 cm (4 1/4")	4 531 020 01 00 105
OH2-S13	S (25–31 cm)	13.0 cm (5 1/4")	4 531 020 01 00 130
OH2-M06	M (32–39 cm)	6.0 cm (2 1/4")	4 531 020 02 00 060
OH2-M08	M (32–39 cm)	8.0 cm (3 1/4")	4 531 020 02 00 080
OH2-M10	M (32–39 cm)	10.5 cm (4 1/4")	4 531 020 02 00 105
OH2-M13	M (32–39 cm)	13.0 cm (5 1/4")	4 531 020 02 00 130
OH2-L06	L (40–45 cm)	6.0 cm (2 1/4")	4 531 020 03 00 060
OH2-L08	L (40–45 cm)	8.0 cm (3 1/4")	4 531 020 03 00 080
OH2-L10	L (40–45 cm)	10.5 cm (4 1/4")	4 531 020 03 00 105
OH2-L13	L (40–45 cm)	13.0 cm (5 1/4")	4 531 020 03 00 130

* measure vertically from tip of the chin to sternum

Accessories



Order No.	Description	Article No.
E-OH1	Stabilizer, for all sizes	4 531 021 01 00 000

2 Orthotics

2.6 Cervical Orthoses

3 Materials

3.1 Plaster Fabrication Materials

3.2 Lamination Materials

3.3 Other Materials

3.4 Plastic Sheet Materials

3.5 Padding Materials

3.6 Tools



3 Materials

3.1 Plaster Fabrication Materials



1 Cellona® Plaster Bandages

Length: 2 m, high quality, fast-setting

Order No.	Width (cm)	Pieces/ delivery unit	Article No.
MM100-10	10	10	4 201 010 00 00 100
MM100-12	12	10	4 201 010 00 00 120
MM100-15	15	10	4 201 010 00 00 150
MM100-20	20	10	4 201 010 00 00 200

Length: 4 m, high quality, fast-setting

Order No.	Width (cm)	Pieces/ delivery unit	Article No.
MM115-15	15	10	4 201 010 04 00 150
MM115-20	20	10	4 201 010 04 00 200

Longuette 20 cm x 20 m, high quality, fast-setting

Order No.	Width (cm)	Pieces/ delivery unit	Article No.
MM116-20	20	20	4 201 020 20 00 200

2 Ruhrstern® Elastic Plaster Bandages

Length: 2 m, unstretched, fast-setting

Order No.	Width (cm)	Pieces/ delivery unit	Article No.
MM101-10	10	10	4 201 020 00 00 100
MM101-12	12	10	4 201 020 00 00 120
MM101-15	15	10	4 201 020 00 00 150
MM101-35	35	10	4 201 020 00 00 350

3 Vermiculite

Plaster filler for weight reduction

Order No.	Grain (mm)	Liters/ delivery unit	Article No.
MM102-2	0-2	100	4 201 060 02 00 100

4 Grease Pencil

Marks the skin when making the plaster impression.

Order No.	Color	Pieces/ delivery unit	Article No.
MM104-2	red	12	4 201 090 00 94 000

5 Indelible Pencil

Marks on wet plaster moulds and plaster casts.

Order No.	Color	Pieces/ delivery unit	Article No.
MM105	blue	12	4 201 100 93 00 000



1



2



3



4

1 “Modelsoft” Stockinette

Properties: White, 100% cotton with radial elastic thread accent, high radial compression, fleecy, soft surface, 400% radial elasticity, very air-permeable

Application: Special measurement technology with the CASCD application technique, plaster techniques, liner stockinet for patients who wear orthotics, **not designed** as resin stockinette material

Order No.	Width (mm)	Gießlingsumfang (cm)	Weight (kg)	Length (m)	Article No.
MG201-070	70	16–54	1	15,7	4 212 020 01 00 000
MG201-100	100	22–63	1	14,2	4 212 020 02 00 000
MG201-120	120	27–76	1	13,0	4 212 020 03 00 000

2 Plaster Parting Agent Cream

This Plaster Parting Agent Cream is non-irritating, does not smear, drip or stick. A uniform separating film is formed when applied on the skin. Marks made with a grease or indelible pencil can be clearly transferred to the negative plaster cast.

Order No.	Content (kg)	Article No.
MM107	1	4 201 110 00 00 100

4 Alginate

Copying paste to make impressions of prosthetic sockets and residual limbs (eudermic).

Setting time 4 minutes

Mixing ratio, water/ alginate = 4:1

Order No.	Content (kg)	Article No.
MM114	6	4 201 180 00 00 600

3 Carbon Sanding Sheet

Made of carbon, 280 x 115 mm

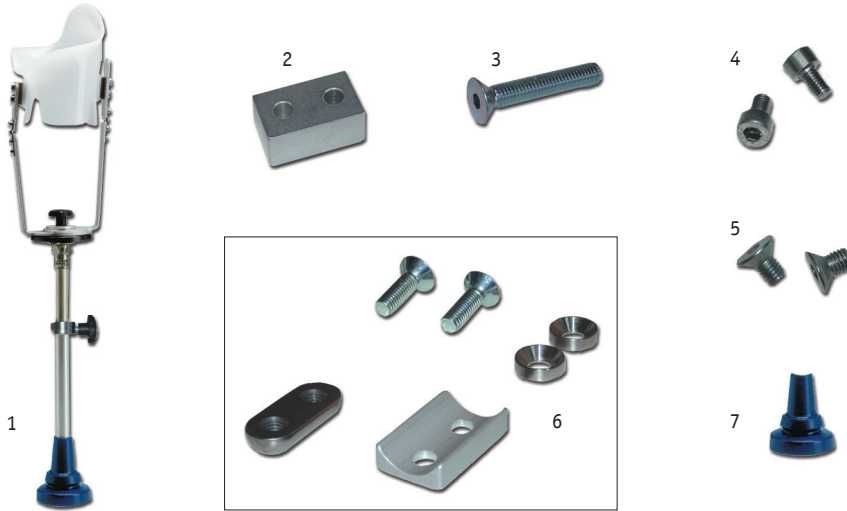
Order No.	Grain	Pieces	Article No.
MM111	120	10	4 201 150 01 00 000

3 Materials

3.1 Plaster Fabrication Materials

AK Portable Brim Stand

The AK Portable Brim Stand is a universally applicable weight supporting unit for transfemoral applications. The system is light and portable and thus a practical device for ambulatory fittings.



Applications

- As a fitting stand for transfemoral trial or final sockets
- For immediate postoperative use to allow standing
- Very stable – no knee joint or forefoot lever
- Simple and individual length adjustability
- Alignment possibility through a pyramid adaptor

AK Portable Brim Stand, complete

The complete system can be used as a socket holding device or to secure the transfemoral brims utilizing the provided attachment bars. In some cases plaster impressions can be taken.

Order No.	Article No.	Pict.
MM200-1	4 302 010 00 00 000	1

Spare Parts

Order No.	Description	Pieces/delivery unit	Article No.	Pict.
E-MM01	Spacer for AK Portable Brim Stand, to increase brim-holding bars distance	1	4 302 011 01 00 000	2
E-MM02	Countersunk screw M8 x 45, to secure the spacer to the holding bars	1	4 302 011 02 00 000	3
E-MM03	Cap screw M5 x 8, attachment of holding bars stand to the transfemoral measuring system	10	4 302 011 03 00 000	4
E-MM04	Set of countersunk screws M5 x 8, to mount the brim	12	4 302 011 04 00 000	5
E-MM05	Set on the AK Portable Brim Stand	1	4 302 011 05 00 000	6
E-MM06	Round support base	1	4 302 010 00 00 001	7

! Casting Brims must be ordered separately.

AK Casting Brims

The AK Casting Brims are available in two versions. The brims of the CASCD version have sockets on the sides for fixation in the transfemoral AK system and are made of a thicker material than the „plaster model“ version.

! Circumference is measured just below the ischial tuberosity.



Hard (quadrilateral)



Version „CASCD“

These brims have holes on the sides for the fixation on the AK Portable Brim Stand. This technique facilitates secure fixation of the brims for measurement of the residual limb or for the casting procedure.



Soft (quadrilateral)

Order No.	Circumference (cm)	Side	Article No.
MM220-42L	42	left	4 304 070 01 00 042
MM220-44L	44	left	4 304 070 01 00 044
MM220-46L	46	left	4 304 070 01 00 046
MM220-48L	48	left	4 304 070 01 00 048
MM220-50L	50	left	4 304 070 01 00 050
MM220-52L	52	left	4 304 070 01 00 052
MM220-54L	54	left	4 304 070 01 00 054
MM220-56L	56	left	4 304 070 01 00 056
MM220-42R	42	right	4 304 070 02 00 042
MM220-44R	44	right	4 304 070 02 00 044
MM220-46R	46	right	4 304 070 02 00 046
MM220-48R	48	right	4 304 070 02 00 048
MM220-50R	50	right	4 304 070 02 00 050
MM220-52R	52	right	4 304 070 02 00 052
MM220-54R	54	right	4 304 070 02 00 054
MM220-56R	56	right	4 304 070 02 00 056

Set includes 1 brim of each size and side (see above)

Order No.	Pieces/delivery unit	Article No.
MM220	16	4 304 070 03 00 000

Order No.	Circumference (cm)	Side	Article No.
MM221-28L	28	left	4 304 080 01 00 028
MM221-30L	30	left	4 304 080 01 00 030
MM221-32L	32	left	4 304 080 01 00 032
MM221-34L	34	left	4 304 080 01 00 034
MM221-36L	36	left	4 304 080 01 00 036
MM221-38L	38	left	4 304 080 01 00 038
MM221-40L	40	left	4 304 080 01 00 040
MM221-42L	42	left	4 304 080 01 00 042
MM221-44L	44	left	4 304 080 01 00 044
MM221-46L	46	left	4 304 080 01 00 046
MM221-48L	48	left	4 304 080 01 00 048
MM221-50L	50	left	4 304 080 01 00 050
MM221-52L	52	left	4 304 080 01 00 052
MM221-54L	54	left	4 304 080 01 00 054
MM221-56L	56	left	4 304 080 01 00 056
MM221-28R	28	right	4 304 080 02 00 028
MM221-30R	30	right	4 304 080 02 00 030
MM221-32R	32	right	4 304 080 02 00 032
MM221-34R	34	right	4 304 080 02 00 034
MM221-36R	36	right	4 304 080 02 00 036
MM221-38R	38	right	4 304 080 02 00 038
MM221-40R	40	right	4 304 080 02 00 040
MM221-42R	42	right	4 304 080 02 00 042
MM221-44R	44	right	4 304 080 02 00 044
MM221-46R	46	right	4 304 080 02 00 046
MM221-48R	48	right	4 304 080 02 00 048
MM221-50R	50	right	4 304 080 02 00 050
MM221-52R	52	right	4 304 080 02 00 052
MM221-54R	54	right	4 304 080 02 00 054
MM221-56R	56	right	4 304 080 02 00 056

Set includes 1 brim of each size and side (see above)

Order No.	Pieces/delivery unit	Article No.
MM221	30	4 304 080 03 00 000

3 Materials

3.1 Plaster Fabrication Materials

AK Casting Brims

Version „CASCD“

CNC (quadrilateral)



Order No.	Circumference (cm)	Side	Article No.
MM222-36L	36	left	4 304 090 01 00 036
MM222-38L	38	left	4 304 090 01 00 038
MM222-40L	40	left	4 304 090 01 00 040
MM222-42L	42	left	4 304 090 01 00 042
MM222-44L	44	left	4 304 090 01 00 044
MM222-46L	46	left	4 304 090 01 00 046
MM222-48L	48	left	4 304 090 01 00 048
MM222-50L	50	left	4 304 090 01 00 050
MM222-52L	52	left	4 304 090 01 00 052
MM222-54L	54	left	4 304 090 01 00 054
MM222-56L	56	left	4 304 090 01 00 056
MM222-58L	58	left	4 304 090 01 00 058
MM222-60L	60	left	4 304 090 01 00 060
MM222-62L	62	left	4 304 090 01 00 062
MM222-64L	64	left	4 304 090 01 00 064
MM222-36R	36	right	4 304 090 02 00 036
MM222-38R	38	right	4 304 090 02 00 038
MM222-40R	40	right	4 304 090 02 00 040
MM222-42R	42	right	4 304 090 02 00 042
MM222-44R	44	right	4 304 090 02 00 044
MM222-46R	46	right	4 304 090 02 00 046
MM222-48R	48	right	4 304 090 02 00 048
MM222-50R	50	right	4 304 090 02 00 050
MM222-52R	52	right	4 304 090 02 00 052
MM222-54R	54	right	4 304 090 02 00 054
MM222-56R	56	right	4 304 090 02 00 056
MM222-58R	58	right	4 304 090 02 00 058
MM222-60R	60	right	4 304 090 02 00 060
MM222-62R	62	right	4 304 090 02 00 062
MM222-64R	64	right	4 304 090 02 00 064

Set includes 1 brim of each size and side (see above)

Order No.	Pieces/delivery unit	Article No.
MM222	30	4 304 090 03 00 000

Set includes 1 brim of each size and side (see right)

Order No.	Pieces/delivery unit	Article No.
MM223	44	4 304 100 03 00 000

Ischial Containment (modified quad/IC)



Order No.	Circumference (cm)	Side	Article No.
MM223-36L	36	left	4 304 100 01 00 036
MM223-37L	37	left	4 304 100 01 00 037
MM223-38L	38	left	4 304 100 01 00 038
MM223-39L	39	left	4 304 100 01 00 039
MM223-40L	40	left	4 304 100 01 00 040
MM223-41L	41	left	4 304 100 01 00 041
MM223-42L	42	left	4 304 100 01 00 042
MM223-43L	43	left	4 304 100 01 00 043
MM223-44L	44	left	4 304 100 01 00 044
MM223-45L	45	left	4 304 100 01 00 045
MM223-46L	46	left	4 304 100 01 00 046
MM223-47L	47	left	4 304 100 01 00 047
MM223-48L	48	left	4 304 100 01 00 048
MM223-49L	49	left	4 304 100 01 00 049
MM223-50L	50	left	4 304 100 01 00 050
MM223-52L	52	left	4 304 100 01 00 052
MM223-54L	54	left	4 304 100 01 00 054
MM223-56L	56	left	4 304 100 01 00 056
MM223-58L	58	left	4 304 100 01 00 058
MM223-60L	60	left	4 304 100 01 00 060
MM223-62L	62	left	4 304 100 01 00 062
MM223-64L	64	left	4 304 100 01 00 064
MM223-36R	36	right	4 304 100 02 00 036
MM223-37R	37	right	4 304 100 02 00 037
MM223-38R	38	right	4 304 100 02 00 038
MM223-39R	39	right	4 304 100 02 00 039
MM223-40R	40	right	4 304 100 02 00 040
MM223-41R	41	right	4 304 100 02 00 041
MM223-42R	42	right	4 304 100 02 00 042
MM223-43R	43	right	4 304 100 02 00 043
MM223-44R	44	right	4 304 100 02 00 044
MM223-45R	45	right	4 304 100 02 00 045
MM223-46R	46	right	4 304 100 02 00 046
MM223-47R	47	right	4 304 100 02 00 047
MM223-48R	48	right	4 304 100 02 00 048
MM223-49R	49	right	4 304 100 02 00 049
MM223-50R	50	right	4 304 100 02 00 050
MM223-52R	52	right	4 304 100 02 00 052
MM223-54R	54	right	4 304 100 02 00 054
MM223-56R	56	right	4 304 100 02 00 056
MM223-58R	58	right	4 304 100 02 00 058
MM223-60R	60	right	4 304 100 02 00 060
MM223-62R	62	right	4 304 100 02 00 062
MM223-64R	64	right	4 304 100 02 00 064

3 Materials

3.1 Plaster Fabrication Materials

! Circumference is measured just below the ischial tuberosity.



1



2



1 Version „plaster model“

The AK casting brims, plaster model version, are held on the patient with a securing strap (transfemoral harness). The plaster bandage is wrapped around the end of the brim and around the distal end of the residual limb as well.

2 Transfemoral Harness

Order No.	Article No.
MM214	4 304 031 00 00 00

Soft (quadrilateral)



Order No.	Circumference (cm)	Side	Article No.
MM210-42L	42	left	4 304 030 01 00 042
MM210-44L	44	left	4 304 030 01 00 044
MM210-46L	46	left	4 304 030 01 00 046
MM210-48L	48	left	4 304 030 01 00 048
MM210-50L	50	left	4 304 030 01 00 050
MM210-52L	52	left	4 304 030 01 00 052
MM210-54L	54	left	4 304 030 01 00 054
MM210-56L	56	left	4 304 030 01 00 056
MM210-42R	42	right	4 304 030 02 00 042
MM210-44R	44	right	4 304 030 02 00 044
MM210-46R	46	right	4 304 030 02 00 046
MM210-48R	48	right	4 304 030 02 00 048
MM210-50R	50	right	4 304 030 02 00 050
MM210-52R	52	right	4 304 030 02 00 052
MM210-54R	54	right	4 304 030 02 00 054
MM210-56R	56	right	4 304 030 02 00 056

Set includes 1 brim of each size and side (see left)

Order No.	Pieces/delivery unit	Article No.
MM210	16	4 304 030 03 00 000

3 Materials

3.1 Plaster Fabrication Materials

AK Casting Brims

Version „plaster model“



Hard (quadrilateral)

CNC* (quadrilateral)

Order No.	Circumference (cm)	Side	Article No.
MM211-28L	28	left	4 304 040 01 00 028
MM211-30L	30	left	4 304 040 01 00 030
MM211-32L	32	left	4 304 040 01 00 032
MM211-34L	34	left	4 304 040 01 00 034
MM211-36L	36	left	4 304 040 01 00 036
MM211-38L	38	left	4 304 040 01 00 038
MM211-40L	40	left	4 304 040 01 00 040
MM211-42L	42	left	4 304 040 01 00 042
MM211-44L	44	left	4 304 040 01 00 044
MM211-46L	46	left	4 304 040 01 00 046
MM211-48L	48	left	4 304 040 01 00 048
MM211-50L	50	left	4 304 040 01 00 050
MM211-52L	52	left	4 304 040 01 00 052
MM211-54L	54	left	4 304 040 01 00 054
MM211-56L	56	left	4 304 040 01 00 056
MM211-28R	28	right	4 304 040 02 00 028
MM211-30R	30	right	4 304 040 02 00 030
MM211-32R	32	right	4 304 040 02 00 032
MM211-34R	34	right	4 304 040 02 00 034
MM211-36R	36	right	4 304 040 02 00 036
MM211-38R	38	right	4 304 040 02 00 038
MM211-40R	40	right	4 304 040 02 00 040
MM211-42R	42	right	4 304 040 02 00 042
MM211-44R	44	right	4 304 040 02 00 044
MM211-46R	46	right	4 304 040 02 00 046
MM211-48R	48	right	4 304 040 02 00 048
MM211-50R	50	right	4 304 040 02 00 050
MM211-52R	52	right	4 304 040 02 00 052
MM211-54R	54	right	4 304 040 02 00 054
MM211-56R	56	right	4 304 040 02 00 056

Order No.	Circumference (cm)	Side	Article No.
MM212-36L	36	left	4 304 050 01 00 036
MM212-38L	38	left	4 304 050 01 00 038
MM212-40L	40	left	4 304 050 01 00 040
MM212-42L	42	left	4 304 050 01 00 042
MM212-44L	44	left	4 304 050 01 00 044
MM212-46L	46	left	4 304 050 01 00 046
MM212-48L	48	left	4 304 050 01 00 048
MM212-50L	50	left	4 304 050 01 00 050
MM212-52L	52	left	4 304 050 01 00 052
MM212-54L	54	left	4 304 050 01 00 054
MM212-56L	56	left	4 304 050 01 00 056
MM212-58L	58	left	4 304 050 01 00 058
MM212-60L	60	left	4 304 050 01 00 060
MM212-62L	62	left	4 304 050 01 00 062
MM212-64L	64	left	4 304 050 01 00 064
MM212-36R	36	right	4 304 050 02 00 036
MM212-38R	38	right	4 304 050 02 00 038
MM212-40R	40	right	4 304 050 02 00 040
MM212-42R	42	right	4 304 050 02 00 042
MM212-44R	44	right	4 304 050 02 00 044
MM212-46R	46	right	4 304 050 02 00 046
MM212-48R	48	right	4 304 050 02 00 048
MM212-50R	50	right	4 304 050 02 00 050
MM212-52R	52	right	4 304 050 02 00 052
MM212-54R	54	right	4 304 050 02 00 054
MM212-56R	56	right	4 304 050 02 00 056
MM212-58R	58	right	4 304 050 02 00 058
MM212-60R	60	right	4 304 050 02 00 060
MM212-62R	62	right	4 304 050 02 00 062
MM212-64R	64	right	4 304 050 02 00 064

* CNC = Computer Numerical Control/computer-controlled manufacturing machine

Set includes 1 brim of each size and side (see above)

Order No.	Pieces/delivery unit	Article No.
MM211	30	4 304 040 03 00 000

Set includes 1 brim of each size and side (see above)

Order No.	Pieces/delivery unit	Article No.
MM212	30	4 304 050 03 00 000

AK Casting Brims

Version „plaster model“



Ischial Containment (modified quad/IC)

Order No.	Circumference (cm)	Side	Article No.
MM213-36L	36	left	4 304 060 01 00 036
MM213-37L	37	left	4 304 060 01 00 037
MM213-38L	38	left	4 304 060 01 00 038
MM213-39L	39	left	4 304 060 01 00 039
MM213-40L	40	left	4 304 060 01 00 040
MM213-41L	41	left	4 304 060 01 00 041
MM213-42L	42	left	4 304 060 01 00 042
MM213-43L	43	left	4 304 060 01 00 043
MM213-44L	44	left	4 304 060 01 00 044
MM213-45L	45	left	4 304 060 01 00 045
MM213-46L	46	left	4 304 060 01 00 046
MM213-47L	47	left	4 304 060 01 00 047
MM213-48L	48	left	4 304 060 01 00 048
MM213-49L	49	left	4 304 060 01 00 049
MM213-50L	50	left	4 304 060 01 00 050
MM213-52L	52	left	4 304 060 01 00 052
MM213-54L	54	left	4 304 060 01 00 054
MM213-56L	56	left	4 304 060 01 00 056
MM213-58L	58	left	4 304 060 01 00 058
MM213-60L	60	left	4 304 060 01 00 060
MM213-62L	62	left	4 304 060 01 00 062
MM213-64L	64	left	4 304 060 01 00 064
MM213-36R	36	right	4 304 060 02 00 036
MM213-37R	37	right	4 304 060 02 00 037
MM213-38R	38	right	4 304 060 02 00 038
MM213-39R	39	right	4 304 060 02 00 039
MM213-40R	40	right	4 304 060 02 00 040
MM213-41R	41	right	4 304 060 02 00 041
MM213-42R	42	right	4 304 060 02 00 042
MM213-43R	43	right	4 304 060 02 00 043
MM213-44R	44	right	4 304 060 02 00 044
MM213-45R	45	right	4 304 060 02 00 045
MM213-46R	46	right	4 304 060 02 00 046
MM213-47R	47	right	4 304 060 02 00 047
MM213-48R	48	right	4 304 060 02 00 048
MM213-49R	49	right	4 304 060 02 00 049
MM213-50R	50	right	4 304 060 02 00 050
MM213-52R	52	right	4 304 060 02 00 052
MM213-54R	54	right	4 304 060 02 00 054
MM213-56R	56	right	4 304 060 02 00 056
MM213-58R	58	right	4 304 060 02 00 058
MM213-60R	60	right	4 304 060 02 00 060
MM213-62R	62	right	4 304 060 02 00 062
MM213-64R	64	right	4 304 060 02 00 064

Set includes 1 brim of each size and side (see left)

Order No.	Pieces/delivery unit	Article No.
MM213	44	4 304 060 03 00 000

! Size Recommendation:

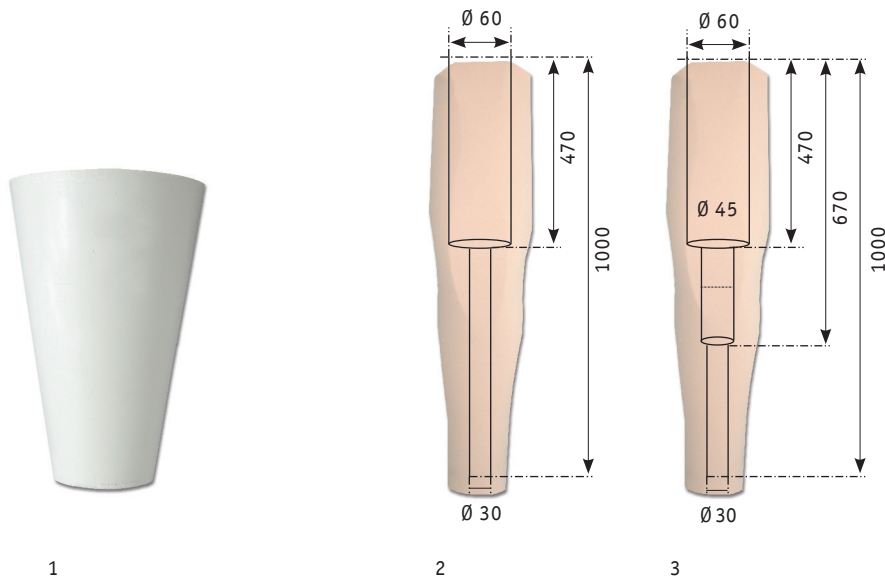
Measure the circumference under the Tuber os ischii. Choose the brim in accordance to the stump condition (i.e. muscles) one to two sizes smaller.

3 Materials

3.1 Plaster Fabrication Materials

CASCD Carving Blanks

These carving blanks have been exclusively developed for use with the CASCD Carving Machine. Available in various standard sizes, as modular blanks for spinal models, and as soft foam blanks for the fabrication of cosmetic foam covers for transfemoral prostheses.



1 Positive Model Carving Blank

With proximal hole for spanner, central bore 26 mm

Order No.	CASCD No.	Description	Length (mm)	Ø distal (mm)	Ø proximal (mm)	Article No.
M30-1	008582	Transfemoral M	445	150	290	4 235 010 01 00 000
M30-2	008583	Transfemoral L	500	175	340	4 235 010 02 00 000
M30-3	008584	Transtibial	450	130	220	4 235 010 03 00 000
M30-4	008585	Knee Disarticulation	640	180	220	4 235 010 04 00 000
M30-5	008586	Knee Orthosis	800	150	275	4 235 010 05 00 000

! Positive model carving blank for torso are available on request.

2 and 3 Cosmetic Cover Blank for Transfemoral Prostheses

Order No.	CASCD No.	Bore type	Description	Article No.
M32-1	008589	2-step bore	Model Ø: < 420 mm	4 235 030 01 00 000
M32-3	008617	3-step bore	Model Ø: < 420 mm	4 235 030 03 00 000
M32-4	008568	3-step bore	Model Ø: < 420 mm	4 235 030 04 00 000

Rigid Foam and Hardener

Rigid foams are two-component foams with a wide range of applications in prosthetics and orthotics as well as in the fabrication of orthopedic shoes.



1 Orthopur Rigid Foam 200

Volume increase approx. 6.5; for normal loads.
Mixing ratio, rigid foam/hardener = 1:1

Order No.	Content (kg)	Article No.
MG100-0,9	0,865	4 202 010 20 00 090
MG100-4,6	4,6	4 202 010 20 00 460

2 Orthopur Rigid Foam 300

Volume increase approx. 4.7; for heavy loads.
Mixing ratio, rigid foam/hardener = 1:1

Order No.	Content (kg)	Article No.
MG101-0,9	0,865	4 202 010 30 00 090
MG101-4,6	4,6	4 202 010 30 00 460

3 Orthopur Rigid Foam 700

Volume increase approx. 1.7; e.g., for shoe lasts, can be screwed and nailed. Mixing ratio, rigid foam/hardener = 10:7

Order No.	Content (kg)	Article No.
MG103-0,9	0,865	4 202 010 70 00 090
MG103-4,6	4,6	4 202 010 70 00 460

4 Hardener for Rigid Foam



Suitable for all types of rigid foams.

Order No.	Content (kg)	Article No.
MG104-0,9	0,865	4 202 020 00 00 090
MG104-4,6	4,6	4 202 020 00 00 460

5 Polyethylene Sheets

Wrapping material for socket foam extension.

Order No.	Plate size (mm)	Article No.
MG105-1	1000 x 1000 x 1	4 202 060 00 00 001
MG105-2	1000 x 1000 x 2	4 202 060 00 00 002



5



Irritant



Harmful

3 Materials

3.2 Lamination Materials

Silicones & Accessories



ipocon® 7 Components

100% pure silicone, **viscous liquid**, dermatologically safe, **shore hardness variable** depending on the mixing ratio of the two components, Applications: prosthetic soft liners, distal end pads.

- avoid contact with talcum powder (inhibits curing)
- pot life at room temperature: approx. 120 minutes (component B) or approx. 30 minutes (component B „quick“)

Order No.	Description	Content (kg)	Article No.	Pict.
MG106	Silicone, component A, skin-colored	2	4 220 010 01 00 020	1
MG108-1	Component B	0,2	4 220 010 02 00 002	4
MG108-2	Silicone, component B „quick“	0,2	4 220 010 03 00 002	3

Mixing ratio A/B = 4:1 (soft) to A/ B = 8:1 (hard)

ipocon® 7 Body Paste

Paste-like, dermatologically safe, variable shore hardness depending on the mixing ratio of the two components, no parting agent needed, pot life as noted above, Applications: foot orthotics, toe correction, spacer after toe amputations, distal end pads.

Order No.	Description	Content (kg)	Article No.	Pict.
MG107	Body Paste, comp. A, skin-colored	0,5	4 220 030 00 00 050	2
MG108-1	Component B, colorless	0,2	4 220 010 02 00 002	4
MG108-2	Silicone, component B „quick“, colorless	0,2	4 220 010 03 00 002	3

Mixing ratio A/B = 4: 1 (soft) to A/ B = 8: 1 (hard)

ipocon® 7 Duplicating Paste

Viscoelastic, dermatologically safe, Applications: foot orthoses, toe correction, spacer after toe amputations, distal end pads.

Order No.	Description	Content (kg)	Article No.	Pict.
MG109	Duplicating Paste A, gray	0,3	4 220 020 00 00 025	5
MG110	Duplicating Paste B20, white	0,3	4 220 020 20 00 025	6
MG111	Duplicating Paste B45, skin-colored	0,3	4 220 020 40 00 025	7

Mixing ratio A/B = 1:1, B-Components are mixable = variable hardness

Acrylic Resins

Acrylic resins are two-component methyl-methacrylate resins. The resulting laminates are non-irritating to the skin and thermoplastically formable foams with a wide range of applications in prosthetics and orthotics as well as in the fabrication of orthopedic shoes.



1 Laminating Resin 80:20



For rigid laminates.

Order No.	Content (kg)	Article No.
MG112-0,9	0,9	4 204 010 02 00 009
MG112-4,6	4,6	4 204 010 02 00 046
MG112-25	25	4 204 010 02 00 250

4 Laminating and Sealing Resin



For rigid laminates 0.5 to 1.0% hardener powder, for sealing resin use 3% hardener powder. Allergy risk is reduced due to utilizing less hardener.

Order No.	Content (kg)	Article No.
MG115-4,6	4,6	4 204 010 01 00 046
MG115-25	25	4 204 010 01 00 250

2 Carbon Acrylic Resin



For rigid laminates and carbon fiber technique.

Order No.	Content (kg)	Article No.
MG113-0,9	0,9	4 204 020 02 00 009
MG113-4,6	4,6	4 204 020 02 00 046
MG113-25	25	4 204 020 02 00 250

5 „Elastic“ Laminating Resin



For flexible laminates.

Order No.	Content (kg)	Article No.
MG116-0,9	0,9	4 204 050 02 00 009
MG116-4,6	4,6	4 204 050 02 00 046

3 Sealing Resin



For strengthening, sealing and bonding.

Order No.	Content (kg)	Article No.
MG114-0,9	0,9	4 204 030 02 00 009
MG114-4,6	4,6	4 204 030 02 00 046
MG114-25	25	4 204 030 02 00 250



Irritant



Flammable

3 Materials

3.2 Lamination Materials

Accessories for Acrylic and Polyester Resins



1



2



3

1 Hardener Paste



For Acrylic and Polyester Resins, Color: red.

Order No.	Content (kg)	Article No.
MG119-0,05	0,05	4 205 010 00 00 050
MG119-0,2	0,2	4 205 010 00 00 200

3 Epoxy Resin



(Carbon Epoxy Acrylic Resin)

For laminates with high strength and thin walls .

Order No.	Content (kg)	Article No.
MG123-4,6	4,6	4 206 010 00 00 046
MG123-25	25	4 206 010 00 00 250

! Hardener powder MG120-0,15 or MG120-0,5 must be ordered separately. Mixing ratio: 1-3% hardener.

2 Hardener Powder



For Acrylic and Polyester Resins.

Order No.	Content (kg)	Article No.
MG120-0,15	0,15	4 205 020 01 00 150
MG120-0,5	0,5	4 205 020 01 00 500



Irritant



Flammable



Dangerous for the environment

Materials for Silicone- and Lamination workings



Color Paste

For all types of laminating resins and silicones.

Order No.	Color	Content (ml)	Article No.
MG125-H1	skin-colored	250	4 207 011 00 91 250
MG125-H2	skin-colored	500	4 207 011 00 91 500
MG125-BR	brown	250	4 207 011 00 95 250
MG125-W	white	250	4 207 011 00 89 250
MG125-G	yellow	250	4 207 011 00 87 250
MG125-B	blue	250	4 207 011 00 93 250
MG125-R	red	250	4 207 011 00 94 250
MG125-S	black	250	4 207 011 00 92 250

Advantages

- Clean and drip-free dispensing
- Onehanded and direct dispensing
- Pressure valve for adjustable flow control
- Space-saving upside-down packaging
- User-friendly and precise
- Color paste will not dry out



Easy and precise proportioning of the color is possible due to the new closure with the patented protection membrane.

3 Materials

3.2 Lamination Materials

Materials for Lamination and Silicone Technique



1

2

3

4

1 Microballoon

White, filler for laminating resins, improved grindability and flexural strength.

Order No.	Content (kg)	Article No.
MG126	1	4 207 020 00 00 001

3 Wooden Spatula

Beech wood, without marks.

Order No.	Length (mm)	Pieces/ delivery unit	Article No.
MG129-1	150	100	4 207 040 00 01 150
MG129-2	250	100	4 207 040 00 01 250

2 Talcum Powder

Extender, to powder patterns.

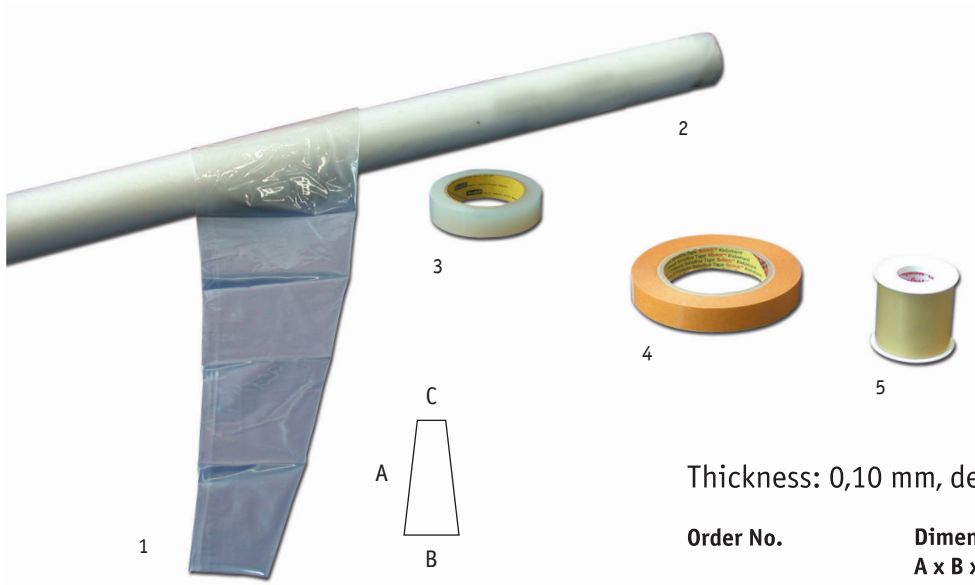
Order No.	Content (kg)	Article No.
MG127	1	4 207 030 00 00 000

4 Measuring Cup

Polypropylene, with graduation.

Order No.	Contents (ml)	Pieces/ delivery unit	Article No.
MG131-200	200	100	4 207 060 01 00 200
MG131-400	400	100	4 207 060 01 00 400

PVA-Films and Accessories



1 PVA Sleeves (machine-sealed)

Thickness: 0,08 mm, delivery unit: 10 pcs.

Order No.	Dimensions (cm) A x B x C	Article No.
MG140-01	77 x 11 x 5	4 208 020 01 08 077
MG140-02	77 x 19 x 5	4 208 020 02 08 077
MG140-03	77 x 22 x 5	4 208 020 04 08 077
MG140-04	77 x 27 x 5	4 208 020 03 08 077
MG140-05	100 x 10 x 5	4 208 020 01 08 100
MG140-06	100 x 15 x 5	4 208 020 02 08 100
MG140-07	100 x 20 x 5	4 208 020 03 08 100
MG140-08	100 x 25 x 5	4 208 020 04 08 100
MG140-09	100 x 30 x 5	4 208 020 05 08 100
MG140-10	100 x 35 x 5	4 208 020 06 08 100
MG140-14	130 x 19 x 5	4 691 010 01 08 130
MG140-11	130 x 22 x 5	4 208 020 01 08 130
MG140-12	130 x 26 x 5	4 208 020 02 08 130
MG140-13	130 x 30 x 5	4 208 020 03 08 130

Thickness: 0,08 mm, delivery unit: 20 pcs.

Order No.	Dimensions (cm) A x B x C	Article No.
MG141-1	100 x 10 x 5	4 208 040 00 08 004
MG141-2	100 x 15 x 5	4 208 040 00 08 006
MG141-3	100 x 20 x 5	4 208 040 00 08 008
MG141-4	100 x 25 x 5	4 208 040 00 08 010
MG141-5	100 x 30 x 5	4 208 040 00 08 012

Thickness: 0,10 mm, delivery unit: 10 pcs.

Order No.	Dimensions (cm) A x B x C	Article No.
MG142-1	100 x 10 x 5	4 208 020 01 10 100
MG142-2	100 x 15 x 5	4 208 020 02 10 100
MG142-3	100 x 20 x 5	4 208 020 03 10 100
MG142-4	100 x 25 x 5	4 208 020 04 10 100
MG142-5	100 x 30 x 5	4 208 020 05 10 100
MG142-6	100 x 35 x 5	4 208 020 06 10 100

2 PVA film, 30 m roll, Thickness: 0,08 mm

Order No.	Width (mm)	Article No.
MG143-1	1300	4 208 010 00 08 130

3 Polyethylene Adhesive Tape

For sealing PVA films.

Order No.	Width (mm)	Article No.
MG144	25	4 208 050 00 00 000

4 Double-Faced PVC Adhesive Tape

For the fixation of cutting edges of fiber mattings, 55 m roll.

Order No.	Width (mm)	Article No.
MG151-09	9	4 209 030 00 00 009
MG151-19	19	4 209 030 00 00 019

5 Coroplast

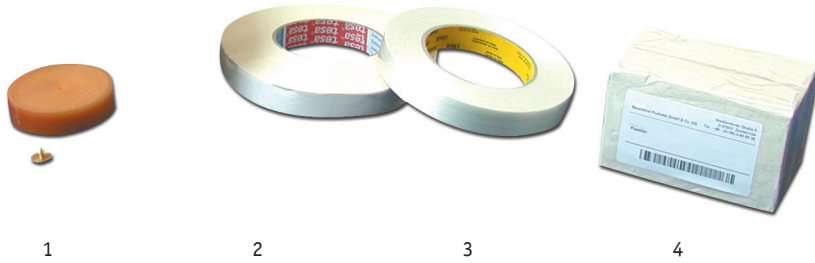
PVC adhesive tape, 10 m roll.

Order No.	Width (mm)	Article No.
MG152	50	4 209 040 00 00 000

3 Materials

3.2 Lamination Materials

Accessories for Hard Foam, Silicone and Lamination Technique



1 Elastic Tape

Length: 0,5 m, made of Vulcollan®, with brass fastening button.

Order No.	Width (mm)	Article No.
MG153	15	4 210 010 00 00 000

2 Linen Adhesive Tape

50 m roll

Order No.	Width (mm)	Article No.
MG157-19	19	4 210 080 00 00 019
MG157-25	25	4 210 080 00 00 025
MG157-50	50	4 210 080 00 00 050

3 Adhesive Tape with Glass Fiber Reinforcement

50 m roll

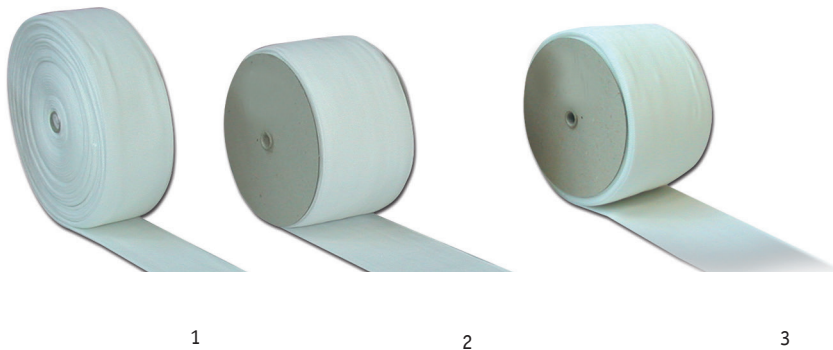
Order No.	Width (mm)	Article No.
MG158	19	4 210 090 00 00 019

4 Plastilina Clay

For sealing laminates.

Order No.	Content (kg)	Article No.
MG159	1	4 210 100 00 00 000

Lamination Accessories



1 „Modelsoft“ Stockinette

Properties: White, 100% cotton with radial elastic thread accent, high radial compression, fleecy, soft surface, 400% radial elasticity, very air-permeable **Application:** Special measurement technology with the CASCD application technique, plaster techniques, liner stockinette for patients who wear orthotics, not designed as resin stockinette material!

Order No.	Approx. width (mm)	Model Ø (cm)	Weight (kg)	Approx. length (m)	Article No.
MG201-070	70	16–54	1	15,7	4 212 020 01 00 000
MG201-100	100	22–63	1	14,2	4 212 020 02 00 000
MG201-120	120	27–76	1	13,0	4 212 020 03 00 000

2 Perlon Stockinette

Properties: White, very elastic.

Order No.	Approx. width (mm)	Weight (kg)	Approx. length (m)	Article No.
MG202-040	40	0,5	46	4 211 010 00 00 004
MG202-060	60	0,5	28	4 211 010 00 00 006
MG202-080	80	0,5	21	4 211 010 00 00 008
MG202-100	100	1	37	4 211 010 00 00 010
MG202-120	120	1	34	4 211 010 00 00 012
MG202-150	150	1	27	4 211 010 00 00 015
MG202-200	200	1	20	4 211 010 00 00 020
MG202-250	250	1	14	4 211 010 00 00 025
MG202-300	300	1	11	4 211 010 00 00 030

3 „Nylglas“ Stockinette

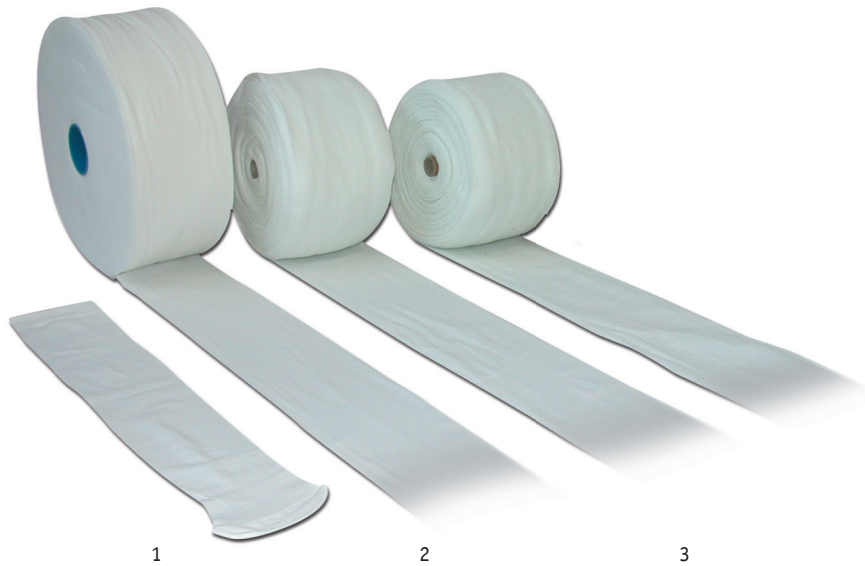
Properties: White, made of nylon and glass, optimal elasticity.

Order No.	Approx. width (mm)	Weight (kg)	Approx. length (m)	Article No.
MG205-070	70	1	44	4 211 050 00 00 007
MG205-090	90	1	36	4 211 050 00 00 009
MG205-100	100	1	32	4 211 050 00 00 010
MG205-120	120	1	27	4 211 050 00 00 012
MG205-150	150	1	24	4 211 050 00 00 015
MG205-200	200	1	18	4 211 050 00 00 020

3 Materials

3.2 Lamination Materials

Lamination Accessories



1 Nylon Sock

Properties: Stitched seam on one side, 550 mm length, Ø 80 mm, delivery unit: 10 pcs.

Application: Use this thin understocking when casting between model and pva film.

Order No.	Approx. width (mm)	Approx. Length (mm)	Article No.
MG206	100	500	4 211 060 02 00 013

2 Nylon Stockinette

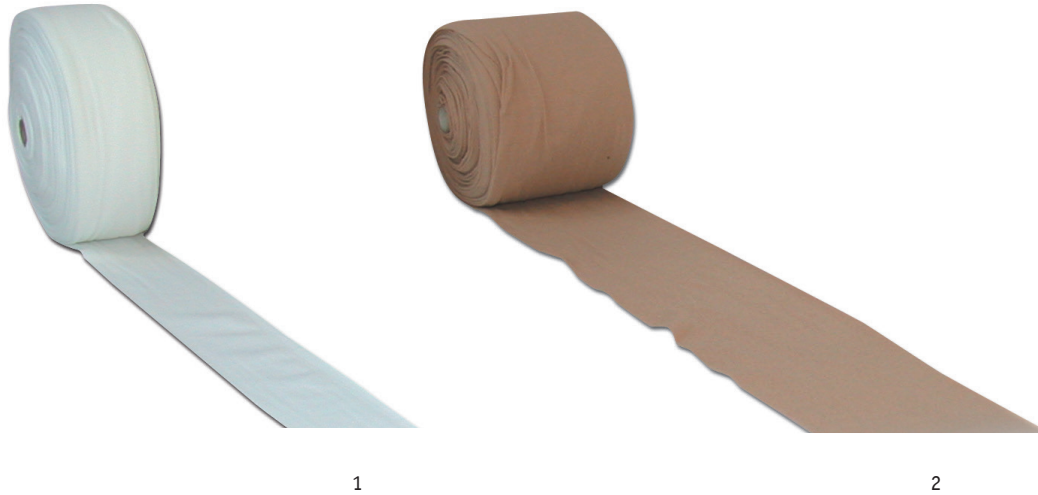
Properties: Very thin and flexible, for lamination and vacuum forming.

Order No.	Approx. width (mm)	Weight (kg)	Article No.
MG207	130	1	4 211 060 01 00 013

3 Fiberglass Stockinette

Properties: White, elastic, 70% glass and 30% nylon.

Order No.	Approx. width (mm)	Model Ø (cm)	Weight (kg)	Approx. length (m)	Article No.
MG208-100	100	24-55	1	29	4 211 110 01 00 000
MG208-125	125	30-59	1	27	4 211 110 02 00 000
MG208-170	170	38-72	1	17	4 211 110 03 00 000
MG208-180	180	40-92	1	18	4 211 110 04 00 000
Heavy fiberglass quality					
MG209-125	125	31-54	1	19	4 211 120 01 00 000
MG209-130	130	30-56	1	18	4 211 120 02 00 000
MG209-195	195	48-90	1	11	4 211 120 03 00 000
MG209-215	215	44-84	1	10	4 211 120 04 00 000



Nylon Helanca Stretch Stockinette

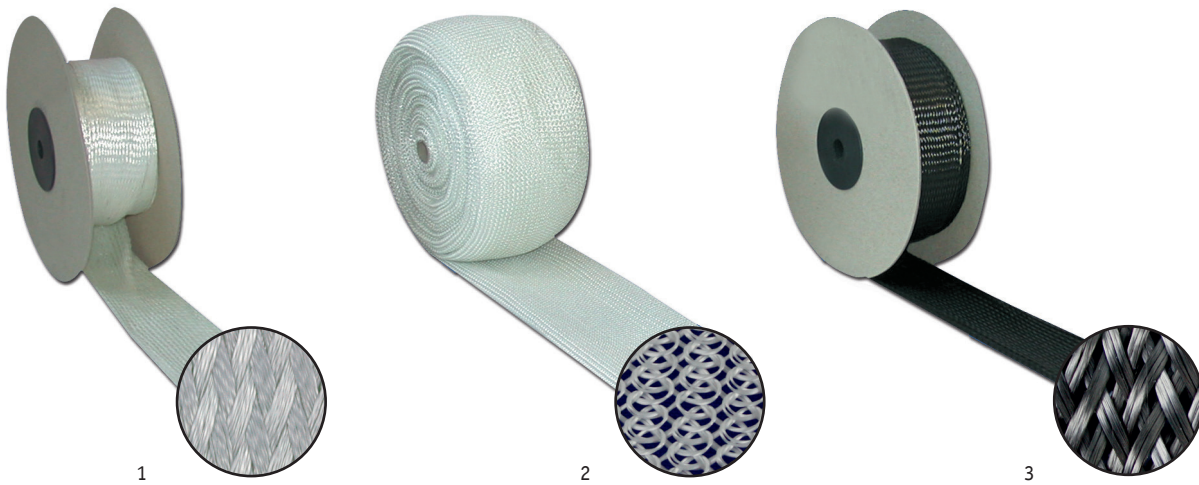
Properties: White or skin-colored, elastic, smooth pattern for use as a surface cover, very fine knit, good thermoformability, 300% elasticity, 100% nylon, good resin absorption.

Application: Low strength material for lamination, fine, elastic knit structure, recommended for first and last layers of laminates.

Order No.	Approx. width (mm)	Model Ø (cm)	Weight (kg)	Approx. length (m)	Article No.	Pict.
white						
MG211-080	80	20-57	0,5	38	4 211 080 01 00 000	1
MG211-100	100	25-58	0,5	24	4 211 080 02 00 000	1
MG211-115	115	27-76	0,5	21	4 211 080 03 00 000	1
MG211-130	130	30-100	0,5	12	4 211 080 04 00 000	1
skin-colored						
MG212-070	70	16-53	0,5	29	4 211 100 05 00 000	2
MG212-075	75	17-62	0,5	22	4 211 100 01 00 000	2
MG212-110	110	26-74	0,5	14	4 211 010 02 00 000	2
MG212-125	125	29-90	0,5	15	4 211 100 03 00 000	2
MG212-130	130	28-110	0,5	15	4 211 100 04 00 000	2

3 Materials

3.2 Lamination Materials



1 Fiberglass Stockinette

Application: For the fabrication of thin-walled laminate reinforcements.

Order No.	Approx. width (mm)	Weight (kg)	Approx. length (m)	Article No.
MG216-060	60	1	13	4 211 160 00 00 006
MG216-080	80	1	8	4 211 160 00 00 008
MG216-100	100	1	7	4 211 160 00 00 010

2 Woven Fiberglass Stockinette

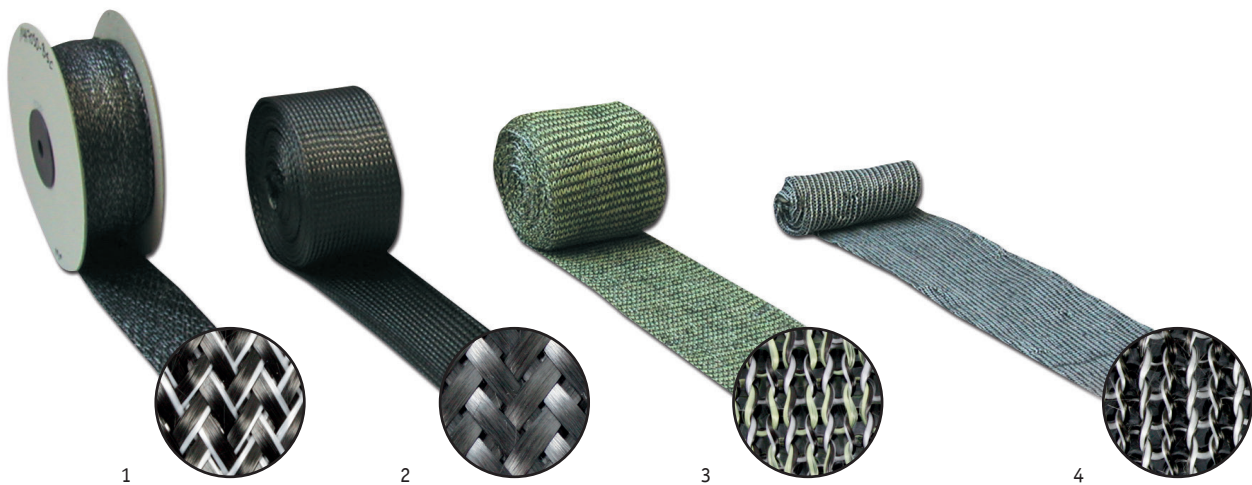
Properties: Highly elastic, double-stretch weave.

Order No.	Approx. width (mm)	Weight (kg)	Approx. length (m)	Article No.
MG217-100	100	1	16	4 211 170 00 00 010
MG217-120	120	1	13	4 211 170 00 00 012
MG217-150	150	1	9	4 211 170 00 00 015
MG217-200	200	1	7	4 211 170 00 00 020
MG217-250	250	1	6	4 211 170 00 00 025
MG217-300	300	1	5	4 211 170 00 00 030

3 Woven Carbon Fiber Stockinette

Application: For the fabrication of stable, thin-walled laminates.

Order No.	Approx. width (mm)	Article No.
Length approx. 5 m		
MG218-050	50	4 211 190 05 00 005
MG218-080	80	4 211 190 08 00 005
MG218-100	100	4 211 190 10 00 005
MG218-120	120	4 211 190 12 00 005
Length approx. 10 m		
MG219-050	50	4 211 190 05 00 010
MG219-080	80	4 211 190 08 00 010
MG219-100	100	4 211 190 10 00 010
MG219-120	120	4 211 190 12 00 010



1 Woven Carbon-Fiberglass Stockinette

Application: For the fabrication of stable and thin-walled laminate reinforcements.

Order No.	Approx. width (mm)	Application	Approx. length (m)	Article No.
MG220-080	80	US/OS	8	4 211 200 00 00 008
MG220-100	100	OS	7	4 211 200 00 00 010

2 Woven Carbon Stockinette

Application: Especially for laminations with carbon epoxy resin, high stiffness.

Order No.	Approx. width (mm)	Application	Approx. length (m)	Article No.
MG221-100	100	US	5	4 211 210 00 00 010
MG221-120	120	US/OS	5	4 211 210 00 00 012
MG221-150	150	OS	5	4 211 210 00 00 015

3 Carbon-Kevlar-Fiberglass Stockinette

Properties: 50% carbon and 50% Kevlar fiber, for heavy duty socket frames with proximal suspension.

Order No.	Approx. width (mm)	Model Ø (cm)	Weight (kg)	Approx. length (m)	Article No.
MG222-100	100	24–40	0,5	5	4 211 230 01 00 000
MG222-180	180	40–66	0,5	1	4 211 230 02 00 000

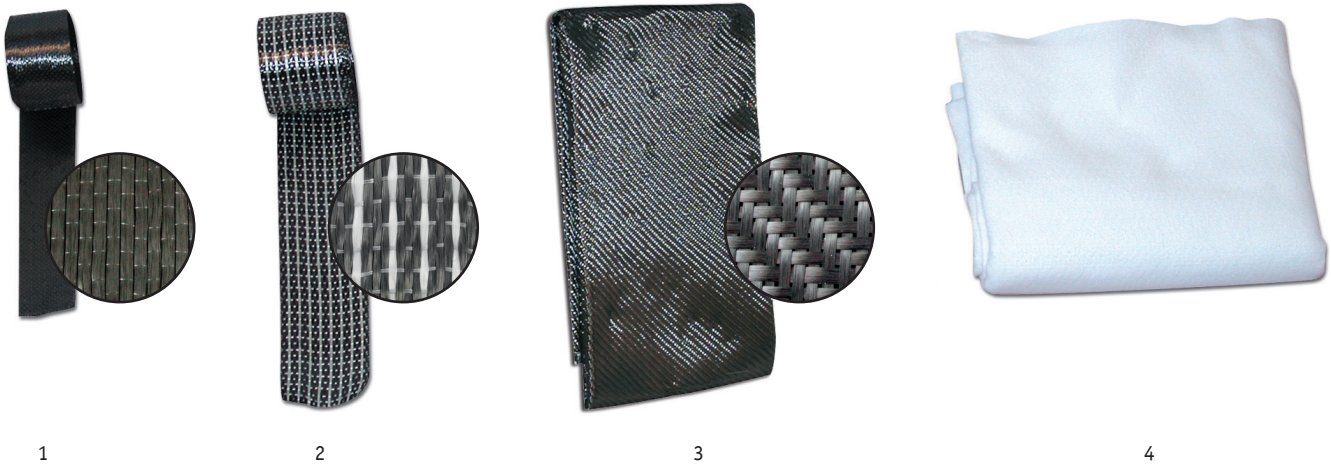
4 Carbon-Fiberglass Stockinette

Properties: 50% carbon and 50% fiberglass, for thermoformable laminates.

Order No.	Approx. width (mm)	Model Ø (cm)	Weight (kg)	Approx. length (m)	Article No.
MG223-2	110	24–40	0,6	6	4 211 220 01 00 000
MG224-2	200	42–74	0,6	3	4 211 220 04 00 000

3 Materials

3.2 Lamination Materials



1 Carbon Webbing

Application: for partial, high-strength reinforcement of laminates, unidirectional

Order No.	Approx. width (mm)	Approx. length (m)	Article No.
MG227-050	50	10	4 211 260 50 00 010
MG227-075	75	10	4 211 260 75 00 010
MG228-050	50	20	4 211 260 50 00 020
MG228-075	75	20	4 211 260 75 00 020

2 Carbon Reinforcement Tape

Properties: 98% carbon fiber and 2% fiberglass, for local reinforcement of laminates subject to high bending load.

Order No.	Approx. width (mm)	Approx. length (m)	Article No.
MG229-045	45	10	4 211 270 45 00 000
MG229-075	75	10	4 211 270 75 00 000

3 Carbon Matting

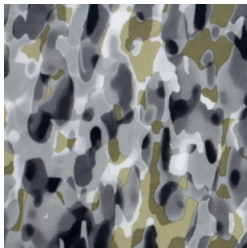
Application: for high-strength reinforcement of laminates.

Order No.	Length x Width (mm)	Gewicht in g/m ²	Article No.
MG230-1	1000 x 1000	200	4 211 280 00 00 200
MG230-2	1000 x 1000	245	4 211 280 00 00 245
MG230-5	5000 x 1000	200	4 211 286 00 05 200
MG230-6	5000 x 1000	245	4 211 286 00 05 245

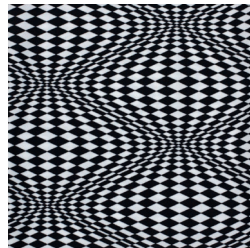
4 Dacron Felt

Properties: White, unpressed polyester fiber as filling material for laminates (e.g., ischial seat).

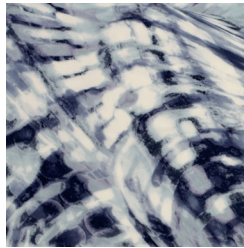
Order No.	Length x Width (mm)	Article No.
MG232	1000 x 940	4 211 310 00 00 000



1



2



3



4

1 Lamination fabric Camouflage

Consisting of 80% polyamide und 20% elasthan

Order No.	Approx. width (cm)	Approx. length (cm)	Article No.
MG251-20	20	150	4 612 401 01 00 020

2 Lamination fabric Chess

Consisting of 80% polyamide und 20% elasthan

Order No.	Approx. width (cm)	Approx. length (cm)	Article No.
MG252-20	20	150	4 612 401 02 00 020

3 Lamination fabric Blue Batic

Consisting of 80% polyamide und 20% elasthan

Order No.	Approx. width (cm)	Approx. length (cm)	Article No.
MG253-20	20	150	4 612 401 03 00 020

4 Lamination fabric Bianca

Consisting of 80% polyamide und 20% elasthan

Order No.	Approx. width (cm)	Approx. length (cm)	Article No.
MG254-20	20	150	4 612 401 04 00 020

3 Materials

3.2 Lamination Materials

Plastic Putties



1 Akemi Fast-Curing Putty

Properties: Skin-colored, delivered with curing paste. Lightweight, fast curing, grindable, can be colored.

Order No.	Content (kg)	Article No.
M12-1	1	4 217 020 01 00 010

Mixing ratio: 100 parts to 3 parts curing paste

4 Light Putty SL

Properties: Very light, semi-elastic filling compound. Well modeled, very easy to sand. Use in cosmetic applications.

Order No.	Content (l)	Article No.
M14-1	1	4 695 010 00 00 000

Mixing ratio: 3-4% Hardener paste or 8-10% Hardener powder

2 Acrylic Sealing Resin Paste

Properties: Acrylic-based sealing putty for heavy-duty bonding.

Order No.	Content (kg)	Article No.
M13-0,5	0,5	4 217 050 00 00 005

Curing powder in % by weight of resin	Reaction-free time	Curing after initial reaction
2 %	5 min.	5 min.
3 %	3 min.	3 min.

5 Hardener Paste

For Acrylic and Polyester Resins, Color: red.

Order No.	Content (kg)	Article No.
MG119-0,05	0,05	4 205 010 00 00 050
MG119-0,2	0,2	4 205 010 00 00 200

3 Acryl Light Putty

Properties: Acrylic-based lightweight putty, fast curing, easily grindable, can be colored, for filling or modifying prosthetic sockets.

Order No.	Content (kg)	Article No.
M10-1	1	4 217 070 00 00 010

Mixing ratio: 100 parts to 3 parts curing paste



3 Materials

3.3 Other Materials

Klebstoffe



1



2



3



4



1 Siemapren 1306/50 (Universal adhesive)

Properties: Glues leather, rubber, PUR, TR, textiles, cork, wood, felt plastic (except of PVC).

Order No.	Content (kg)	Article No.
M34-5	5	4 693 010 00 00 050

! Glue storage container WZ129-2 can be found in section 3.6 Tools



2 Siemaplast 2325/50 (Plastic adhesive)

Properties: Glues rubber, leather, PUR- and PVC-materials, synthetic cover materials, TR.

Order No.	Content (kg)	Article No.
M35-0,8	0,8	4 693 020 00 00 008



3 Curing Agent 5002 E

Properties: Curing agent for Siemapren and Siemaplast to increase heat and softening resistance.

Order No.	Content (g)	Article No.
M36-0,09	90	4 693 030 00 00 009



4 Resolvent 10 X

Properties: Special resolvent for glue.

Order No.	Content (l)	Article No.
M37-1	1	4 693 040 00 00 010



Irritant



Flammable



Gesundheitsschädlich

Adhesives and Thinners



1



2



3



4



1 Thinner

Properties: For Special Contact Adhesive.

Order No.	Content (l)	Article No.
M20-1	1	4 219 020 00 00 010

2 Silicone Adhesive

Properties: Bonds silicone with leather, textiles and plastic.

Order No.	Content (kg)	Article No.
M22-0,1	0,1	4 219 170 00 00 001



3 MP Spray Adhesive (for Carbon fiber Materials)

Application: Fixation of carbon-fiber cloths and woven carbon fiber stockinettes.

Order No.	Content (kg)	Article No.
M24-0,4	0,4	4 219 130 00 00 400



4 Loctite® 222 and 243

Application: Securing screws with soluble bond.

Order No.	Description	Content (kg)	Thread	Features	Article No.
M25-1	222	0,05	up to M 36	highly soluble (6 Nm)	4 219 150 01 00 050
M25-2	243	0,05	up to M 36	low solubility (20 Nm)	4 219 150 02 00 050



Irritant



Flammable



Gesundheitsschädlich



Corrosive

3 Materials

3.3 Other Materials

Grease and Lubricant



1



2



3

1 Foodlube Hi-Temp 2 (High temperature grease)

Application: Separating agent for thermoforming, primarily for foam models, up to 200°C, not toxic, on the basis of food resources.

Order No.	Description	Content (kg)	Article No.
MM200	High temperature grease	0,38	4 201 110 00 00 111

2 Foodlube Hi-Temp 2 (High temperature grease)

Application: Separating agent for thermoforming, primarily for foam models, up to 200°C, not toxic, on the basis of food resources.

Order No.	Description	Content (kg)	Article No.
MM201	High temperature grease	4	4 201 110 00 00 112

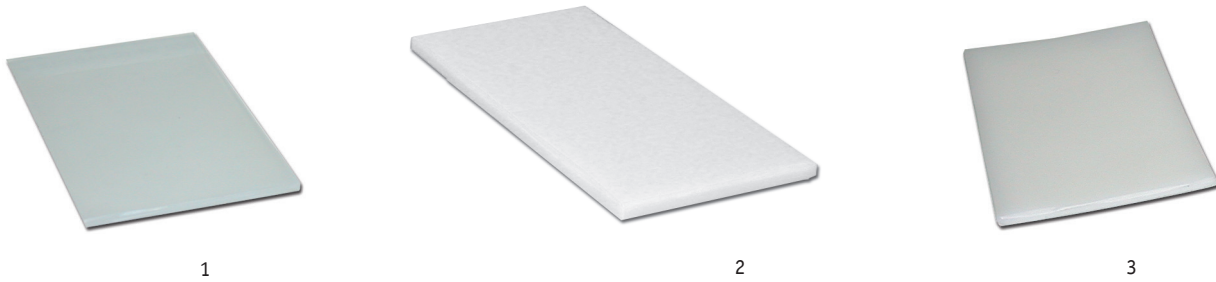
3 Lithium grease

White all-round lubricant, aging- and oxidation-resistant, water-resistant, hygienic harmless.

Application: Lubricant for Plaster and Metals (bushings and roller bearings), temperature range -30°C - +120°C.

Order No.	Description	Article No.
MM202	Lithium grease	4 690 240 00 89 100

Plastic plates



1 Special Polypropylene

Properties: Specially extruded, no detectable shrinkage, very tough and rigid polypropylene, well suited for products where high rigidity is desired.
Working temperature: approx. 170–180°C

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK10-1,5	white	1,5	2000 x 1000	4 213 010 01 96 015
MK10-2	white	2	2000 x 1000	4 213 010 01 96 020
MK10-3	white	3	2000 x 1000	4 213 010 01 96 030
MK10-4	white	4	2000 x 1000	4 213 010 01 96 040
MK10-5	white	5	2000 x 1000	4 213 010 01 96 050

2 Globolen/Resur

Properties: Specially extruded polyethylene sheet material, very low shrinkage, weldable and very easy to vacuum-form, good thermoplastic moldability, well suited for spinal orthoses.
Working temperature: approx. 160–170°C

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK11-1W	white	1	2000 x 1000	4 213 070 01 96 001
MK11-2W	white	2	2000 x 1000	4 213 070 01 96 002
MK11-3W	white	3	2000 x 1000	4 213 070 01 96 003
MK11-4W	white	4	2000 x 1000	4 213 070 01 96 004
MK11-5W	white	5	2000 x 1000	4 213 070 01 96 005
MK11-6W	white	6	2000 x 1000	4 213 070 01 96 006

3 „Supralen“ RCH 500

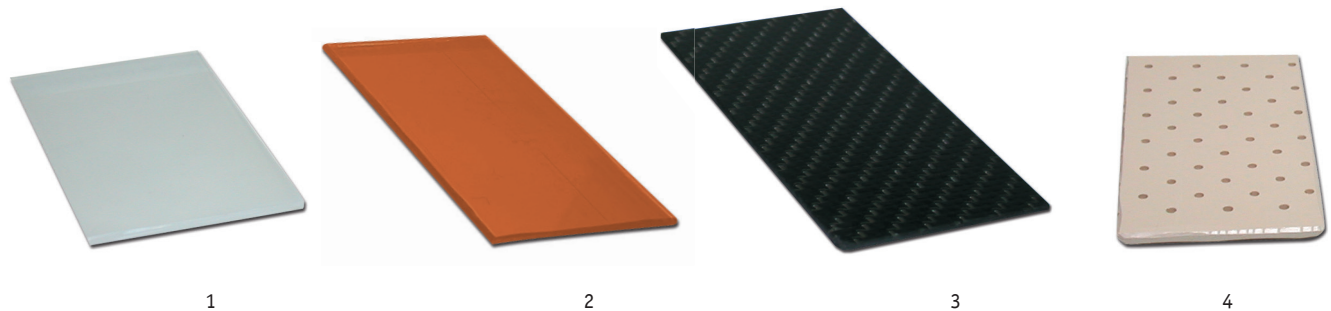
Properties: High-strength polyethylene material, specially extruded, no detectable shrinkage, can be welded and chased, well suited for the fabrication of orthoses and foot orthotics.
Working temperature: approx. 160–180°C

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK12-2W	white	2	2000 x 1000	4 213 020 00 96 002
MK12-3W	white	3	2000 x 1000	4 213 020 00 96 003
MK12-4W	white	4	2000 x 1000	4 213 020 00 96 004
MK12-5W	white	5	2000 x 1000	4 213 020 00 96 005
MK12-6W	white	6	2000 x 1000	4 213 020 00 96 006
MK12-8W	white	8	2000 x 1000	4 213 020 00 96 008

PP = polypropylene
PE = polyethylene

3 Materials

3.4 Plastic Sheet Materials



1 Polyethylene Sheets

Properties: Soft-PE to be used as wrapping material during foaming operations.
Working temperature: approx. 120–130°C

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MG105-1	milky-transparent	1	1000 x 1000	4 202 060 00 00 001
MK105-2	milky-transparent	2	1000 x 1000	4 202 060 00 00 002

2 Polydor®

Properties: Polyacrylic
Working temperature: approx. 170–180°C

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK16-3	orange, transparent	3	610 x 915	4 213 050 00 73 030
MK16-3,5	orange, transparent	3,5	610 x 915	4 213 050 00 73 035

3 ipocarbon

Properties: Thermoplastic carbon-fiber composite material for orthotic appliances.
Working temperature: approx. 190°C

Order No.	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK31-2	2	300 x 450	4 213 170 01 00 002
MK31-3	3	300 x 450	4 213 170 01 00 003
MK32-2	2	600 x 450	4 213 170 02 00 002
MK32-3	3	600 x 450	4 213 170 02 00 003
MK33-2	2	1200 x 900	4 213 170 03 00 002

4 Polysplint A

Properties: Low-temperature material, well suited for hand orthoses, etc.
Working temperature: approx. 80°C submerged in water bath.

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK36-3	skin-colored	3	920 x 610	4 213 270 00 91 003

PE = polyethylene



1 Göplex® Plus

Properties: Clear copolyester material, no detectable shrinkage, for the fabrication of load-supporting prosthetic test sockets (only for short term use).

Working temperature: approx. 150–170°C

Order No.	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK25-09	9	400 x 400	4 213 110 01 00 009
MK25-12	12	400 x 400	4 213 110 01 00 012
MK25-15	15	400 x 400	4 213 110 01 00 015
MK26-09	9	1200 x 800	4 213 110 03 00 009
MK26-12	12	1200 x 800	4 213 110 03 00 012
MK26-15	15	1200 x 800	4 213 110 03 00 015

2 Thermoflex STEIF

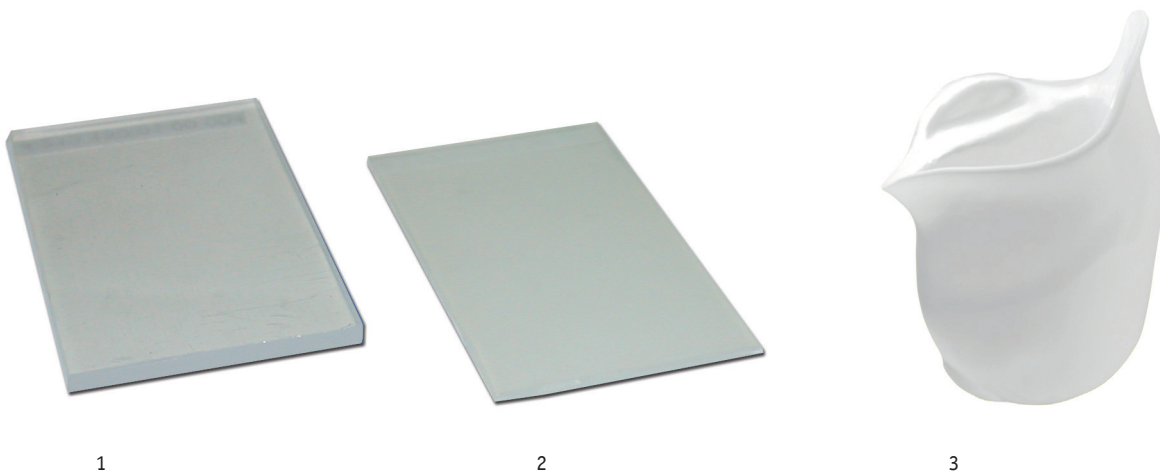
Properties: Clear check socket material, high durability, no shrinkage, could be laminated, shiny transparent surface, for the production of clear check sockets or as inner layer of vacuum sockets.

Working temperature: approx. 140-160°C

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK37-04	transparent	4	400 x 400	4 690 130 00 90 004
MK37-05	transparent	5	400 x 400	4 690 130 00 90 005
MK37-10	transparent	10	400 x 400	4 690 130 00 90 010
MK37-12	transparent	12	400 x 400	4 690 130 00 90 012
MK37-15	transparent	15	400 x 400	4 690 130 00 90 015
MK37-20	transparent	20	400 x 400	4 690 130 00 90 020

3 Materials

3.4 Plastic Sheet Materials



1 Thermoflex soft

Properties: Transparent, for very flexible socket liners.

Working temperature: approx. 150–170°C (MK28–03 und MK28–04 ca. 120–140°C)

Order No.	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK27-09	9	400 x 400	4 213 130 01 00 009
MK27-12	12	400 x 400	4 213 130 01 00 012
MK27-14	14	400 x 400	4 213 130 01 00 014
MK28-03	3	1000 x 1000	4 213 130 03 00 003
MK28-04	4	1000 x 1000	4 213 130 03 00 004
MK29-06	6	1200 x 800	4 213 130 04 00 006
MK29-09	9	1200 x 800	4 213 130 04 00 009

2 Thermoflex rigid

Properties: Milky/transparent, for flexible socket liners.

Working temperature: approx. 150–170°C

Order No.	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK30-09	9	400 x 400	4 213 140 01 00 009
MK30-12	12	400 x 400	4 213 140 01 00 012

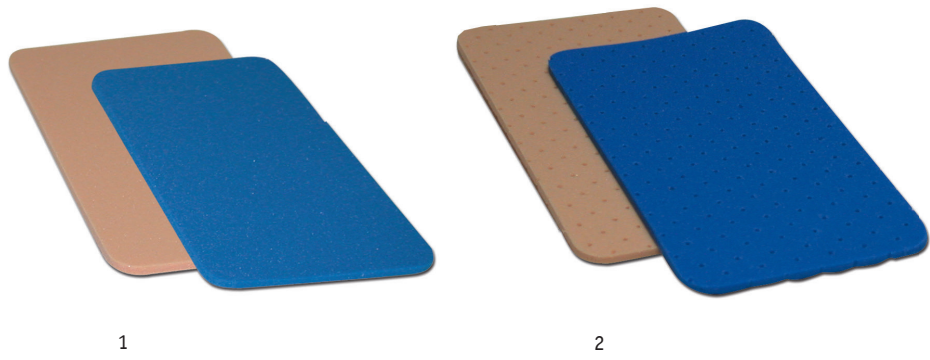
3 Thermoflex AB

Properties: Milky white, for flexible inner sockets with anti-bacterial effect, protects the skin against different micro organism (i.e. fungi and bacteria), reduces skin irritations, protects against socket colouring, long-time anti bacterial effect, no shrinkage.

Working temperature: approx. 160°C

Order No.	Color	Approx. thickness (mm)	Approx. dimensions (mm)	Article No.
MK24-12	white	12	400 x400	4 695 500 00 01 012

Padding Materials



1 Globotop/Göforlen

Properties: Polyolefin foam, dimensionally stable, weldable and bondable, thermoformable, washable.

Application: Suitable for the fabrication of foot orthotics, padding of orthoses and for inner soft sockets, **shore hardness 30***
Working temperature: approx. 110–130°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP20-02H	skin-colored	2	800 x 500	4 214 010 00 91 002
MP20-03H	skin-colored	3	1100 x 1100	4 214 010 00 91 003
MP20-04H	skin-colored	4	1100 x 1100	4 214 010 00 91 004
MP20-05H	skin-colored	5	1100 x 1100	4 214 010 00 91 005
MP20-06H	skin-colored	6	1100 x 1100	4 214 010 00 91 006
MP20-07H	skin-colored	7	1100 x 1100	4 214 010 00 91 007
MP20-08H	skin-colored	8	1100 x 1100	4 214 010 00 91 008
MP20-10H	skin-colored	10	1100 x 1100	4 214 010 00 91 010
MP20-15H	skin-colored	15	1100 x 1100	4 214 010 00 91 015
MP20-02B	blue	2	1100 x 1100	4 214 010 00 93 002
MP20-03B	blue	3	1100 x 1100	4 214 010 00 93 003
MP20-04B	blue	4	1100 x 1100	4 214 010 00 93 004
MP20-05B	blue	5	1100 x 1100	4 214 010 00 93 005
MP20-06B	blue	6	1100 x 1100	4 214 010 00 93 006

! Other colours are available on request.

2 Globotop/Göforlen, perforated

Properties: Polyolefin foam, dimensionally stable, weldable and bondable, thermoformable, washable.

Application: Suitable for fabrication of foot orthotics and padding of orthoses, **shore hardness 30***
Working temperature: approx. 110–130°C

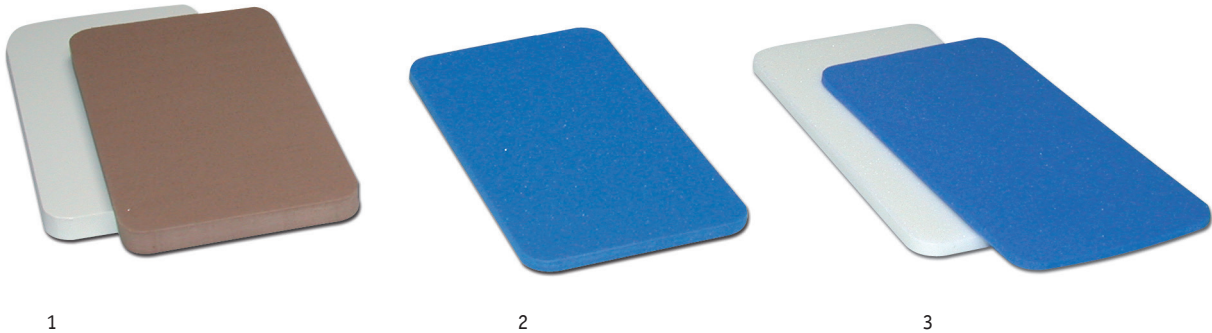
Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP21-02H	skin-colored	2	1100 x 1100	4 214 020 00 91 002
MP21-03H	skin-colored	3	1100 x 1100	4 214 020 00 91 003
MP21-04H	skin-colored	4	1100 x 1100	4 214 020 00 91 004
MP21-05H	skin-colored	5	1100 x 1100	4 214 020 00 91 005
MP21-02B	blue	2	1100 x 1100	4 214 020 00 93 002
MP21-03B	blue	3	1100 x 1100	4 214 020 00 93 003
MP21-04B	blue	4	1100 x 1100	4 214 020 00 93 004
MP21-05B	blue	5	1100 x 1100	4 214 020 00 93 005

! Other colours are available on request.

*Shore hardness tolerance ±15%

3 Materials

3.5 Padding Materials



1 Pryx®

Properties: EVA foam, light, elastic, sterilized, for the fabrication of foot orthotics, **shore hardness 45***
Working temperature: approx. 90–120°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP23-06W	white	6	1000 x 550	4 214 210 00 89 006
MP23-06BR	brown	6	1000 x 550	4 214 210 00 95 006
MP23-14BR	brown	14	1000 x 550	4 214 210 00 95 014

Due to the production the listed measures may differ in size.

2 Globofom

Properties: EVA foam, very soft, very light, for padding of orthoses and for the fabrication of foot orthotics, **shore hardness 25***
Working temperature: approx. 90–120°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP24-03B	blue	3	1150 x 1150	4 214 180 00 93 003
MP24-06B	blue	6	1150 x 1150	4 214 180 00 93 006

3 Globomoll

Properties: EVA foam, soft, very light, for padding of orthoses or fabrication of foot orthotics, **shore hardness 35***
Working temperature: approx. 90–120°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP25-04W	white	4	1000 x 1000	4 214 190 00 89 004
MP25-06W	white	6	1000 x 1000	4 214 190 00 89 006
MP25-15W	white	15	1000 x 1000	4 214 190 00 89 015
MP25-06B	blue	6	1000 x 1000	4 214 190 00 93 006

EVA = ethylene vinyl acetate

*Shore hardness tolerance $\pm 15\%$



1

2

1 Globelast

Properties: EVA foam, medium soft, light, for the fabrication of foot orthotics, **shore hardness 45***
Working temperature: approx. 90–120°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP26-06W	white	6	1000 x 1000	4 214 200 00 89 006
MP26-15W	white	15	1000 x 1000	4 214 200 00 89 015
MP26-06B	blue	6	1000 x 1000	4 214 200 00 93 006

2 EVA Soft Foam

Properties: Very soft, smooth, for the fabrication of foot orthotics, **shore hardness 40***
Working temperature: approx. 90–120°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP27-03	gray	3	1100 x 1100	4 214 250 00 86 003
MP27-05	gray	5	1100 x 1100	4 214 250 00 86 005

Globomoll, Globelast und Globofom

Application: Fabrication of Foot Orthotics (e.g., TRIactive).

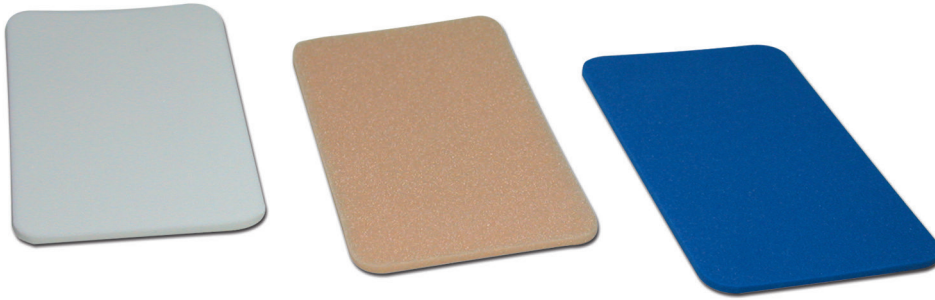
Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.	
MP26-06GR	Globelast	gray	6	850 x 850	4 214 200 00 90 006
MP26-15GR	Globelast	gray	15	850 x 850	4 214 200 00 90 015
MP26-06BL	Globelast	blue	6	850 x 850	4 214 200 00 94 006
MP25-06GR	Globomoll	gray	6	1000 x 1000	4 214 190 00 90 006
MP25-06BL	Globomoll	blue	6	1000 x 1000	4 214 190 00 94 006
MP24-05BL	Globofom	blue	5	1050 x 1100	4 214 180 00 94 005
MP24-03BL	Globofom	blue	3	1050 x 1100	4 214 180 00 94 003

EVA = ethylene vinyl acetate

*Shore hardness tolerance ±15%

3 Materials

3.5 Padding Materials



Plastazote

Properties: Good thermoplastic formability, moderate dimensional stability.

Application: For padding orthoses and fabrication of foot orthotics, **shore hardness 15–20***, Working temperature: approx. 130–150°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP28-02W	white	2	1000 x 1000	4 214 050 00 89 002
MP28-03W	white	3	1000 x 1000	4 214 050 00 89 003
MP28-04W	white	4	1000 x 1000	4 214 050 00 89 004
MP28-05W	white	5	1000 x 1000	4 214 050 00 89 005
MP28-06W	white	6	1000 x 1000	4 214 050 00 89 006
MP28-09W	white	9	1000 x 1000	4 214 050 00 89 009
MP28-10W	white	10	1000 x 1000	4 214 050 00 89 010
MP28-12W	white	12	1000 x 1000	4 214 050 00 89 012
MP28-15W	white	15	1000 x 1000	4 214 050 00 89 015
MP28-18W	white	18	1000 x 1000	4 214 050 00 89 018
MP28-20W	white	20	1000 x 1000	4 214 050 00 89 020
MP28-25W	white	25	1000 x 1000	4 214 050 00 89 025
MP28-02H	skin-colored	2	1000 x 1000	4 214 050 00 91 002
MP28-03H	skin-colored	3	1000 x 1000	4 214 050 00 91 003
MP28-04H	skin-colored	4	1000 x 1000	4 214 050 00 91 004
MP28-05H	skin-colored	5	1000 x 1000	4 214 050 00 91 005
MP28-06H	skin-colored	6	1000 x 1000	4 214 050 00 91 006
MP28-09H	skin-colored	9	1000 x 1000	4 214 050 00 91 009
MP28-10H	skin-colored	10	1000 x 1000	4 214 050 00 91 010
MP28-12H	skin-colored	12	1000 x 1000	4 214 050 00 91 012
MP28-15H	skin-colored	15	1000 x 1000	4 214 050 00 91 015
MP28-18H	skin-colored	18	1000 x 1000	4 214 050 00 91 018
MP28-20H	skin-colored	20	1000 x 1000	4 214 050 00 91 020
MP28-25H	skin-colored	25	1000 x 1000	4 214 050 00 91 025
MP28-02B	blue	2	1000 x 1000	4 214 050 00 93 002
MP28-03B	blue	3	1000 x 1000	4 214 050 00 93 003
MP28-04B	blue	4	1000 x 1000	4 214 050 00 93 004
MP28-05B	blue	5	1000 x 1000	4 214 050 00 93 005
MP28-06B	blue	6	1000 x 1000	4 214 050 00 93 006
MP28-09B	blue	9	1000 x 1000	4 214 050 00 93 009
MP28-12B	blue	12	1000 x 1000	4 214 050 00 93 012
MP28-15B	blue	15	1000 x 1000	4 214 050 00 93 015
MP28-18B	blue	18	1000 x 1000	4 214 050 00 93 018
MP28-20B	blue	20	1000 x 1000	4 214 050 00 93 020

*Shore hardness tolerance $\pm 15\%$

! Other colours are available on request.



Plastazote, perforated

Properties: Good thermoplastic formability, moderate dimensional stability.

Application: For padding orthoses and fabrication of foot orthotics, **shore hardness 15–20***, Working temperature: approx. 130–150°C

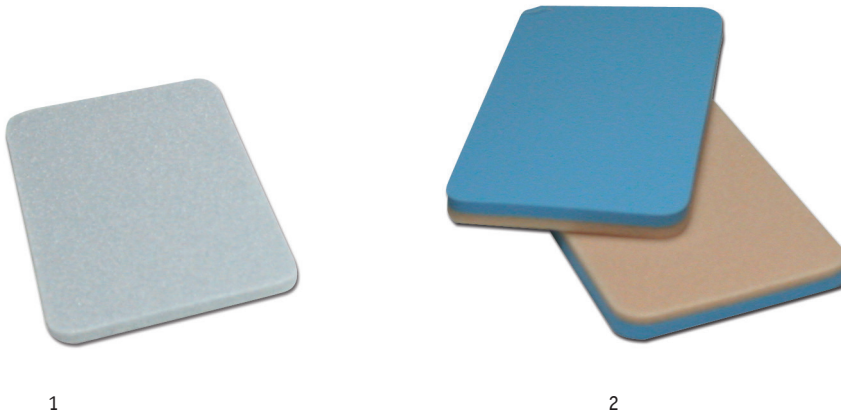
Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP30-03W	white	3	1000 x 1000	4 214 060 00 89 003
MP30-04W	white	4	1000 x 1000	4 214 060 00 89 004
MP30-05W	white	5	1000 x 1000	4 214 060 00 89 005
MP30-06W	white	6	1000 x 1000	4 214 060 00 89 006
MP30-03H	skin-colored	3	1000 x 1000	4 214 060 00 91 003
MP30-04H	skin-colored	4	1000 x 1000	4 214 060 00 91 004
MP30-05H	skin-colored	5	1000 x 1000	4 214 060 00 91 005
MP30-06H	skin-colored	6	1000 x 1000	4 214 060 00 91 006
MP30-03B	blue	3	1000 x 1000	4 214 060 00 93 003
MP30-04B	blue	4	1000 x 1000	4 214 060 00 93 004
MP30-05B	blue	5	1000 x 1000	4 214 060 00 93 005
MP30-06B	blue	6	1000 x 1000	4 214 060 00 93 006

! Other colours are available on request.

*Shore hardness tolerance $\pm 15\%$

3 Materials

3.5 Padding Materials



1 Globosoft

Properties: PE foam, very soft, very light.

Application: For padding orthoses and fabrication of foot orthotics, thermoformable, **shore hardness 35***

Working temperature: approx. 70–130°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP58-3	gray	3	1200 x 1000	4 690 140 00 86 003
MP58-5	gray	5	1200 x 1000	4 690 140 00 86 005

2 Globoflex

Properties: Globofit PU foam in 3 mm thickness (**shore hardness 0***) covered with 3 mm skin-colored PE foam (**shore hardness 25***), for the fabrication of foot orthotics, especially for reducing pressure spots (e.g., in case of diabetes)

Application: For the production of medical insoles, especially to reduce pressure points (diabetic insoles)

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP33	blue/skin-colored	6	950 x 950	4 214 280 00 91 060

PE = polyethylene

PU = polyurethane

*Shore hardness tolerance $\pm 15\%$



1 Globofit

Properties: Dimensionally stable, air-permeable PU foam (high energy return, permanent elasticity, shock absorbent, grindable, skinfriendly).

Application: For padding orthoses and fabrication of foot orthotics, **shore hardness 0***

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
One side roughened				
MP35-1,5H	skin-colored	1,5	1000 x 1370	4 214 260 00 91 015
MP35-3H	skin-colored	3	1000 x 1370	4 214 260 00 91 030
MP35-6H	skin-colored	6	1000 x 1370	4 214 260 00 91 060
MP35-9H	skin-colored	9	1000 x 1370	4 214 260 00 91 090
Both sides roughened				
MP36-3H	skin-colored	3	1000 x 1370	4 214 260 01 91 030
perforated				
MP37-1,5H	skin-colored	1,5	1000 x 1370	4 214 260 02 91 015
MP37-3H	skin-colored	3	1000 x 1370	4 214 260 02 91 030

2 Podion di Alcantara® with Globofit

Properties: Skin-colored Globofit PU foam covered with Podion di Alcantara®.

Application: For padding orthoses and fabrication of foot orthotics, **shore hardness 0***

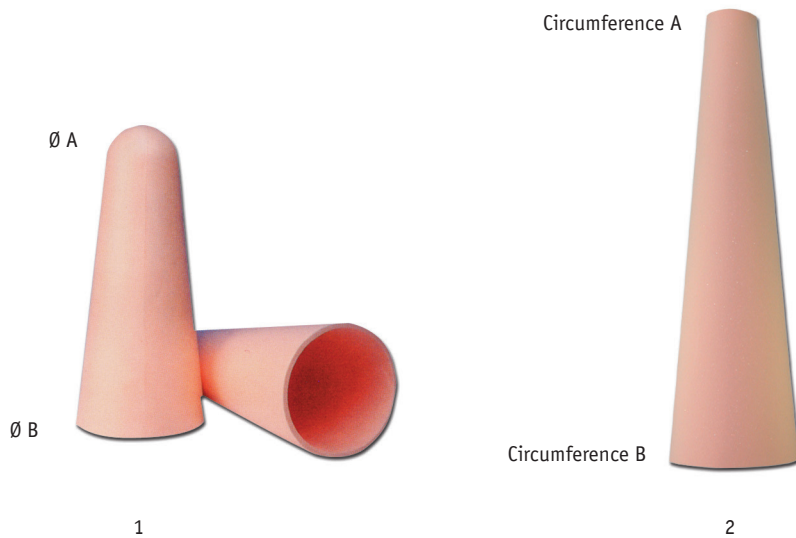
Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP38-2H	skin-colored	2	1000 x 1370	4 214 270 00 91 002
MP38-3H	skin-colored	3	1000 x 1370	4 214 270 00 91 003
MP38-2B	blue	2	1000 x 1370	4 214 270 00 93 002

PU = polyurethane

*Shore hardness tolerance $\pm 15\%$

3 Materials

3.5 Padding Materials



1 „Göforlen“ Thermo-Cones

Properties: Prefabricated cone of thermoformable material, for the fabrication of inner soft sockets, **shore hardness 30***
Working temperature: approx. 150°C

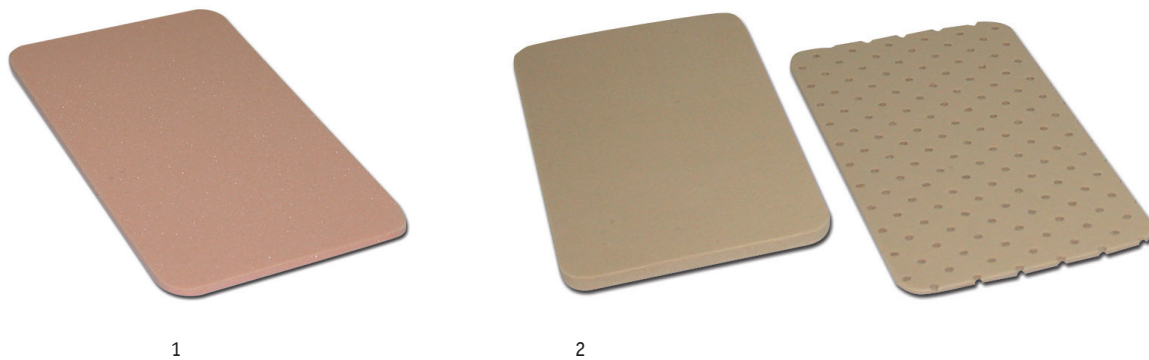
Order No.	Application	Wall Thickness (mm)	Ø A (mm)	Ø B (mm)	Length C (mm)	Article No.
MP39-160	Transtibial	6,5	90	160	390	4 214 090 00 00 160
MP39-180	Transfemoral	7,5	90	180	500	4 214 090 00 00 180

2 ipoform Soft Socket

Properties: Prefabricated, cone-shaped soft liner blanks for prosthetic socket liners, **shore hardness 45***
Working temperature: approx. 160°C

Order No.	Thickness (mm)	Circumference A (mm)	Circumference B (mm)	Length (mm)	Article No.
MP40-1	4	150	380	500	4 214 100 01 00 004
MP40-2	4	160	400	500	4 214 100 02 00 004
MP40-3	4	170	420	500	4 214 100 03 00 004
MP40-4	4	180	440	500	4 214 100 04 00 004
MP40-5	4	190	460	500	4 214 100 05 00 004
MP41-1	5	150	380	500	4 214 100 01 00 005
MP41-2	5	160	400	500	4 214 100 02 00 005
MP41-3	5	170	420	500	4 214 100 03 00 005
MP41-4	5	180	440	500	4 214 100 04 00 005
MP41-5	5	190	460	500	4 214 100 05 00 005
MP42-1	6	150	380	500	4 214 100 01 00 006
MP42-2	6	160	400	500	4 214 100 02 00 006
MP42-3	6	170	420	500	4 214 100 03 00 006
MP42-4	6	180	440	500	4 214 100 04 00 006
MP42-5	6	190	460	500	4 214 100 05 00 006
MP43-3	7	170	420	500	4 214 100 03 00 007
MP43-4	7	180	440	500	4 214 100 04 00 007

*Shore hardness tolerance $\pm 15\%$



1 ipoform/Tepefom

Properties: PE foam, good thermoplastic formability, grindable, bondable, suitable for soft inner sockets, waterproof, good skin tolerance under load, **shore hardness 45***, density 0.2 g/cm³
Working temperature: approx. 160°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP44-02	skin-colored	2	1100 x 1100	4 214 080 00 00 002
MP44-03	skin-colored	3	1100 x 1100	4 214 080 00 00 003
MP44-04	skin-colored	4	1100 x 1100	4 214 080 00 00 004
MP44-05	skin-colored	5	1100 x 1100	4 214 080 00 00 005
MP44-06	skin-colored	6	1100 x 1100	4 214 080 00 00 006
MP44-07	skin-colored	7	1100 x 1100	4 214 080 00 00 007
MP44-08	skin-colored	8	1100 x 1100	4 214 080 00 00 008
MP44-10	skin-colored	10	1100 x 1100	4 214 080 00 00 010

2 Lunairmed

Properties: Skin-colored, good thermoplastic formability, grindable, bondable, for all types of padding, reduction of pressure spots, dimensional stability, waterproof, good skin tolerance, **shore hardness 18***
Working temperature: approx. 120–170°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP49-02	skin-colored	2	1280 x 980	4 214 130 01 00 002
MP49-03	skin-colored	3	1280 x 980	4 214 130 01 00 003
MP49-04	skin-colored	4	1280 x 980	4 214 130 01 00 004
MP49-05	skin-colored	5	1280 x 980	4 214 130 01 00 005
MP49-06	skin-colored	6	1280 x 980	4 214 130 01 00 006
MP49-08	skin-colored	8	1280 x 980	4 214 130 01 00 008
MP49-12	skin-colored	12	1280 x 980	4 214 130 01 00 012
perforated				
MP50-03	skin-colored	3	1280 x 980	4 214 130 02 00 003
MP50-06	skin-colored	6	1280 x 980	4 214 130 02 00 006

PE = polyethylene

*Shore hardness tolerance ±15%

3 Materials

3.5 Padding Materials



Lunasoft SL

Properties: EVA foam, good thermoplastic formability, grindable, bondable, suitable for soft inner sockets, orthoses and fabrication of foot orthotics, waterproof, good skin tolerance under load, smooth, medium soft, **shore hardness 40***, density 0,2 g/cm³

Working temperature: approx. 120–170°C

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP46-2H	skin-colored	2	1280 x 890	4 214 110 00 91 002
MP46-3H	skin-colored	3	1280 x 890	4 214 110 00 91 003
MP46-4H	skin-colored	4	1280 x 890	4 214 110 00 91 004
MP46-5H	skin-colored	5	1280 x 890	4 214 110 00 91 005
MP46-6H	skin-colored	6	1280 x 890	4 214 110 00 91 006
MP46-8H	skin-colored	8	1280 x 890	4 214 110 00 91 008
MP46-2M	multicolor	2	1280 x 890	4 214 110 00 82 002
MP46-3M	multicolor	3	1280 x 890	4 214 110 00 82 003
MP46-2SW	black/white	2	1280 x 890	4 214 110 00 81 002
MP46-3L	limette	3	1280 x 890	4 214 110 00 99 003
MP46-6L	limette	6	1280 x 890	4 214 110 00 99 006
MP46-2DB	dark blue	2	1280 x 890	4 214 100 10 93 002

EVA = ethylene vinyl acetate

*Shore hardness tolerance $\pm 15\%$



1



2

1 Microcellular Rubber

Properties: Closed-cell rubber for orthotic applications, grindable, bondable, prevents slippage due to excellent grip, waterproof, highly elastic.

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP54-2	black	2	2000 x 1000	4 215 020 02 00 002
MP54-4	black	4	2000 x 1000	4 215 020 02 00 004

2 ipocon Gel Sheets

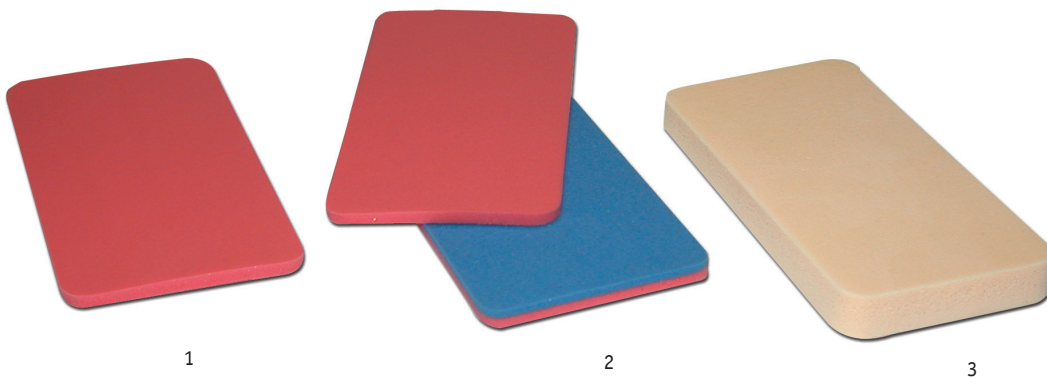
Properties: Made of pure silicone gel, viscoelastic, for partial pressure relief, without Lycra coating to reduce spot pressure and for fabrication of foot orthotics (e.g., in cases of diabetes).

Order No.	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP57-3	3	400 x 300	4 215 030 00 00 003
MP57-4	4	400 x 300	4 215 030 00 00 004

3 Materials

3.5 Padding Materials

Foam Sheet Materials



1 PORON®

Properties: PU soft bedding material with excellent shock absorption and cushioning properties, for padding of diabetic foot orthotics, good skin tolerance, grindable, bondable, one side roughened, **shore hardness 0***

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP61-30	salmon pink	3	1370 x 1000	4 215 070 00 95 003

2 PORON® Dual Layer

Properties: Multifunctional compound material PORON 2 in salmon pink (soft, shock absorbing), with 2 mm blue Globofit (high energy return), for sports insoles, **shore hardness 0***

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP62	salmon pink/blue	4	1370 x 1000	4 215 070 01 77 004

3 Latex Foam

Properties: Easily grindable, e.g., for padding in the toe area, **shore hardness 0***

Order No.	Color	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP63-03	skin-colored	3	1500 x 1000	4 215 080 00 69 003
MP63-06	skin-colored	6	1500 x 1000	4 215 080 00 69 006
MP63-10	skin-colored	10	1500 x 1000	4 215 080 00 69 010

PU = polyurethane

*Shore hardness tolerance $\pm 15\%$

Cork Sheet Materials



1 Thermocork

Properties: Grindable, thermoformable, bondable, for fabrication of foot orthotics, leg compensations, foot inlays, etc.
Working temperature: approx. 120°C

Order No.	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP70-04	4	1100 x 850	4 216 040 00 00 004
MP70-06	6	1100 x 850	4 216 040 00 00 006

2 Elastra® Cork

Properties: Grindable, thermoformable, bondable, cork/latex special mixture, elastic, dimensionally stable, light.
Working temperature: approx. 130°C

Order No.	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP71-02	2	520 x 450	4 216 050 00 00 002
MP71-04	4	520 x 450	4 216 050 00 00 004
MP71-06	6	520 x 450	4 216 050 00 00 006
MP71-08	8	520 x 450	4 216 050 00 00 008

3 Flexocork

Properties: Grindable, bondable, light, elastic.

Order No.	Thickness (mm)	Approx. dimensions (mm)	Article No.
MP72-02	2	1000 x 500	4 216 010 00 00 002
MP72-03	3	1000 x 500	4 216 010 00 00 003
MP72-04	4	1000 x 500	4 216 010 00 00 004
MP72-05	5	1000 x 500	4 216 010 00 00 005
MP72-06	6	1000 x 500	4 216 010 00 00 006
MP72-08	8	1000 x 500	4 216 010 00 00 008
MP72-10	10	1000 x 500	4 216 010 00 00 010

3 Materials

3.5 Padding Materials

Measuring Tools



1



2



3

1 Ischial Containment Measuring Gauge

This ischial containment caliper has been designed for the determination of soft-tissue and skeletal widths for ischial containment sockets. The measuring arm used for the female pelvis has a 45° angle, and the arm for the male pelvis has a 30° angle. In addition, this caliper may be used to determine all other measurements up to 24 cm.

Order No.	Article No.
WZ100	4 301 010 00 00 000

2 Measuring Caliper

This measuring caliper has been designed to take the measurements required for the fabrication of spinal orthoses. Measures 0–80 cm.

Order No.	Article No.
WZ101	4 301 020 00 00 000

3 Hip Leveling Guide

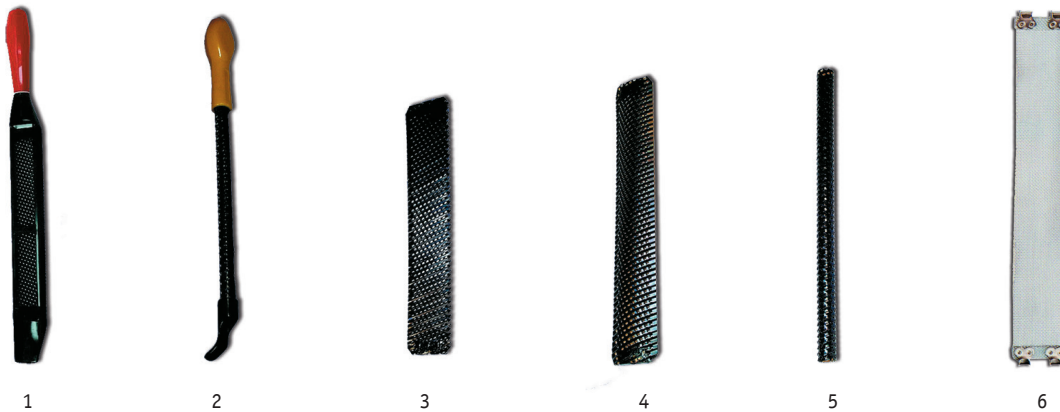
Aluminum with plastic side extensions, to check leg length discrepancies.

Order No.	Length (mm)	Weight (g)	Article No.
WZ105	330	260	4 301 090 00 00 000

3 Materials

3.6 Tools

Workshop requirements



1 Surform Rasp Holder, flat

With/without blade

Order No.	Description	Length (mm)	Weight (g)	Article No.
WZ118-1	with blade	250	270	4 319 010 01 00 000
WZ118-2	without blade	250	230	4 319 010 02 00 000

2 Surform Rasp Holder, round

With round blade and handle

Order No.	Length (mm)	Weight (g)	Article No.
WZ119	250	150	4 319 020 00 00 000

3 Surform Blade, standard

Flat, for Surform Rasp Holder WZ118

Order No.	Length (mm)	Weight (g)	Article No.
E-WZ06	250	40	4 319 030 00 00 000

4 Surform Blade

Half-round, for Surform Rasp Holder WZ118

Order No.	Length (mm)	Weight (g)	Article No.
E-WZ08	250	40	4 319 050 00 00 000

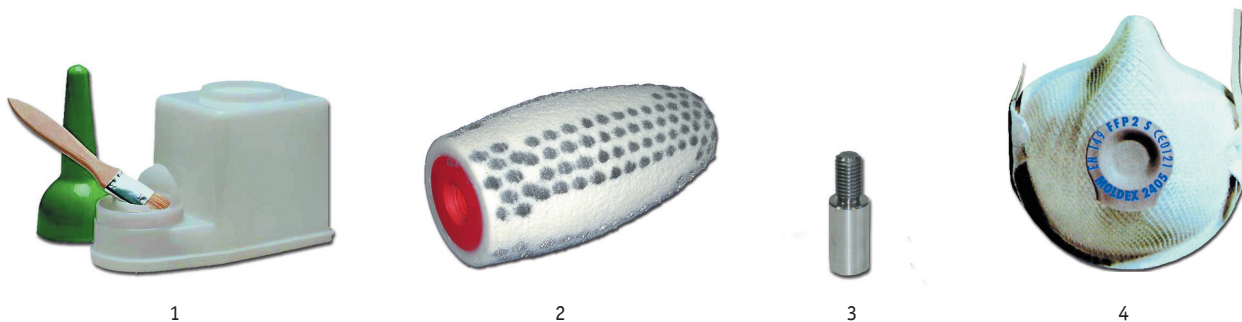
5 Surform Blade

Round, for Surform Rasp Holder WZ119

Order No.	Length (mm)	Weight (g)	Article No.
E-WZ09	250	35	4 319 060 00 00 000

6 Replacement Blade for Plaster Smoothing Tool

Order No.	Description	Length (mm)	Weight (g)	Article No.
E-WZ04	flach	280	30	4 320 030 00 00 000



1 Storage Container

Solvent-proof plastic, with flat brush

Order No.	Capacity (ml)	Weight (g)	Article No.
WZ129-2	900	330	4 335 030 02 00 000

2 Cosmetic Foam Shaper

Used to shape soft foam cosmetic covers. The steel bristles are elastically embedded, combining the advantages of a wire brush with those of conventional sanding carving tools in the shaping process. (thread 5/8")

Order No.	Article No.
WZ144	4 338 170 00 00 000

3 Thread adapter 5/8" to M16

Accessory for Cosmetic Foam Thread Adapter (5/8" to M16).

Order No.	Article No.
E-WZ14	4 338 180 00 00 000

4 Particle Filter Mask

Particle class P1, with air discharge valve, delivery unit: 10 pcs.

Order No.	Article No.
WZ151	4 341 010 00 00 000

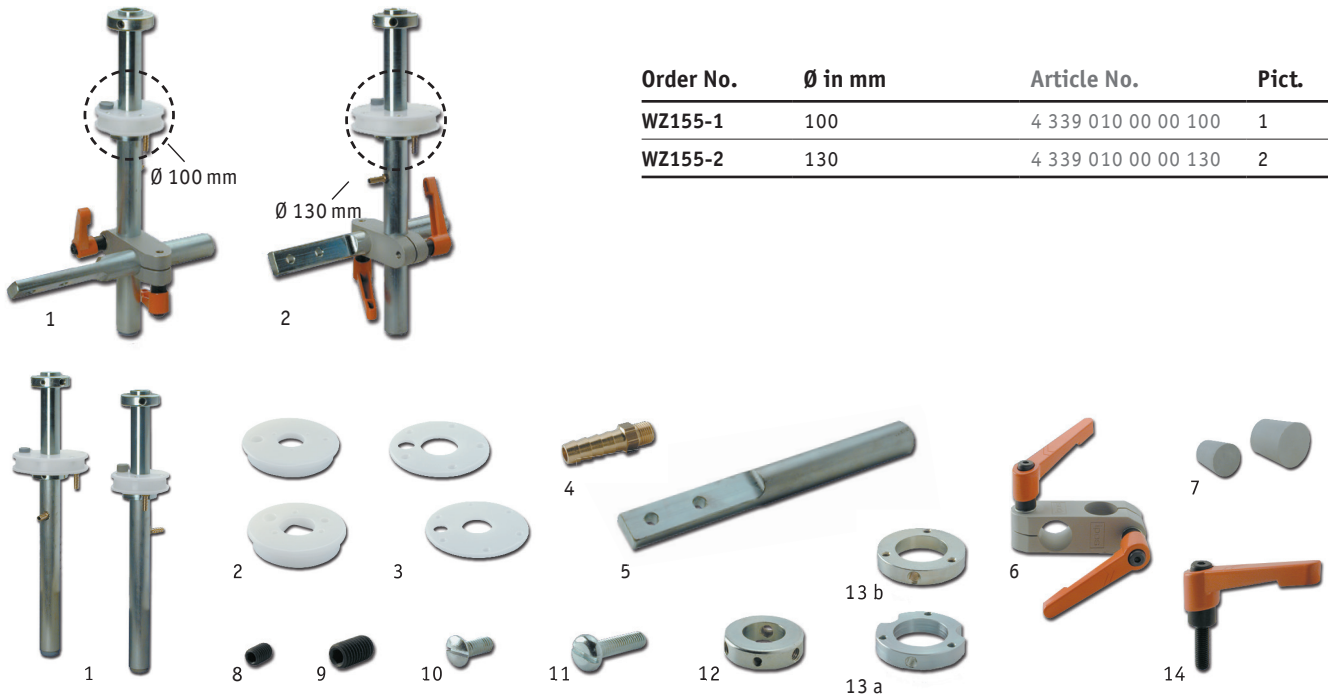
3 Materials

3.6 Tools

Laminating and Thermoforming Tools

Laminating Jig

Facilitates perfect two-channel suction by using a model holding pylon. All pylons with diameters between 8 and 25 mm can be easily clamped into the laminating jig. The laminating jig is directly fixed on the workbench or in the vise. Can be easily disassembled and cleaned. Version 1 (Ø 100 mm) is especially designed for lamination of upper extremity prosthetics and other small models.



Replacement Parts for Laminating Jig

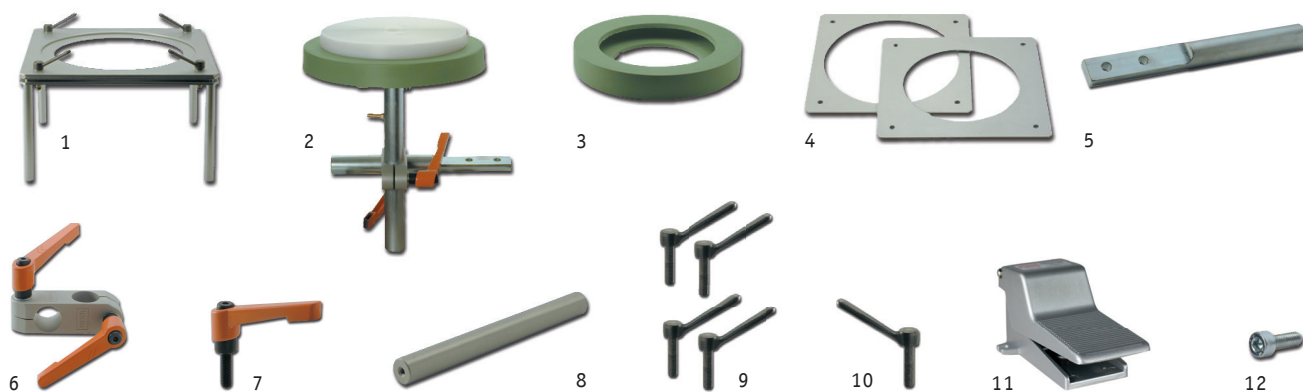
Order No.	Description	Ø in mm	Thickness	Size	Article No.	Pict.
E-WZ42	Laminating Jig (basic equipment)	100			4 339 011 01 00 100	1
E-WZ43	Laminating Jig (basic equipment)	130			4 339 011 01 00 130	as 1
E-WZ44	Main Tube for Laminating Jig	36			4 339 011 16 00 000	-
E-WZ45	Vacuum Forming Disk	100	thick (22 mm)		4 339 011 02 00 100	2
E-WZ46	Vacuum Forming Disk	130	thick (22 mm)		4 339 011 02 00 130	as 2
E-WZ47	Vacuum Forming Disk	100	thin (6 mm)		4 339 011 03 00 100	3
E-WZ48	Vacuum Forming Disk	130	thin (6 mm)		4 339 011 03 00 130	as 3
E-WZ49	Hose nozzle				4 339 011 04 00 000	4
E-WZ50	Bench-top vise supporter	36			4 339 011 05 00 000	5
E-WZ51	Double-pylon clamp vise, complete				4 339 011 06 00 000	6
E-WZ52	Rubber stopper			small	4 339 011 07 00 000	7
E-WZ53	Rubber stopper			large	4 339 011 08 00 000	as 7
E-WZ54	Headless screw M8x12				4 339 011 09 00 000	8
E-WZ55	Headless screw M12x20				4 339 011 10 00 000	9
E-WZ56	Countersunk head screw M5x12				4 339 011 11 00 000	10
E-WZ57	Flat-head screw M6x25				4 339 011 12 00 000	11
E-WZ58	Clamping ring				4 339 011 13 00 000	12
E-WZ59	Vise supporter	100			4 339 011 14 00 000	13 a
E-WZ60	Vise supporter	130			4 339 011 15 00 000	13 b
E-WZ61	O-Ring for Laminating Jig				4 339 011 17 00 000	-
E-WZ67	Clamping lever for double pylon clamp vise M 12 (handle only)				4 340 011 05 00 000	14

Vacuum Forming System

The vacuum-forming system has been designed for the blister vacuum-forming of transtibial and transfemoral prosthetic positive models. It consists of a holding frame and two holding frame plates, one for transfemoral (large opening, Ø 320 mm), and one for transtibial prostheses (small opening, Ø 265 mm).



Order No.	Inside dimension (mm)	Article No.
WZ156	265/320	4 340 010 00 00 000



Order No.	Description	Ø in mm	Article No.	Pict.
E-WZ62	Holding frame 265/320	265/320	4 340 011 01 00 000	1
E-WZ63	Vacuum forming disk unit, compl. 265/320	265/320	4 340 011 02 00 000	2
E-WZ64	ipocon Ring 270	270	4 340 011 03 00 000	3
E-WZ65	Holding frame plate 265	265	4 340 011 04 00 265	4
E-WZ66	Holding frame plate 320	320	4 340 011 04 00 320	as 4
E-WZ50	Bench-top vise supporter	36	4 339 011 05 00 000	5
E-WZ51	Double-pylon clamp vise, complete		4 339 011 06 00 000	6
E-WZ67	Clamping lever for double pylon clamp vise M12 (only handle, with screw)		4 340 011 05 00 000	7
E-WZ68	Supporter for holding frame, 200 mm length		4 340 011 06 00 000	8
E-WZ69	Handle screw for holding frame, 1 pc.		4 340 011 07 00 000	10
E-WZ70	Handle screw for holding frame, 4 pc.		4 340 011 08 00 000	9
E-WZ71	Foot control valve vacuum forming system		4 340 011 09 00 000	11
E-WZ72	Cylinder screw M6x14		4 340 011 10 00 000	12
E-WZ73	Disk Ø 10.5		4 340 011 11 00 000	-
E-WZ74	Retrofitting set for vacuum forming disk.		4 340 011 12 00 000	-
E-WZ75	Vacuum forming disk, incl. ipocon ring and vertical rod		4 340 011 13 00 000	-
E-WZ76	PE supporter, Ø = 290 mm		4 340 011 14 00 000	-

3 Materials

3.6 Tools

Oscillating Saw

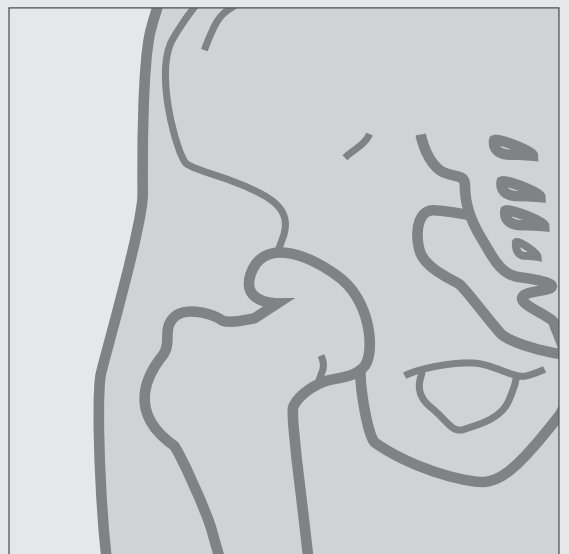
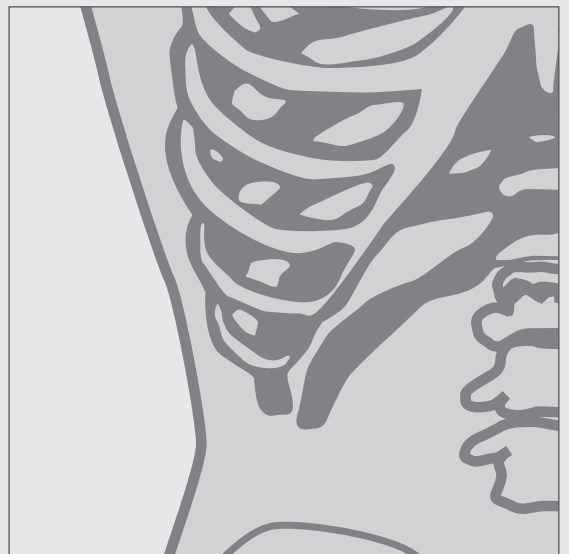
Scope of delivery: 2 saw blades (50 mm and 65 mm) for plastic, 2 wrenches



Order No.	Description	Article No.
WZ157	Oscillating Saw	4 342 019 00 00 000
E-WZ77	Saw blade Ø 50 mm, for plastics	4 342 019 01 00 050
E-WZ78	Saw blade Ø 65 mm, for plastics	4 342 019 01 00 065
E-WZ79	Saw blade Ø 50 mm, for plaster	4 342 019 02 00 050
E-WZ80	Saw blade Ø 65 mm, for plaster	4 342 019 02 00 065

6 Measurement Sheets

- BECKER, Hyperextension Orthosis
- BOSTON, Spinal Orthosis
- Hand Orthoses



Measurement Sheet for BECKER Hyperextension Orthosis

Company stamp

Date: _____ Orthotist's name: _____

Patient information:

Name: _____ Sex: M F Age: _____ Size: _____ Weight: _____

Diagnosis: _____ Application: _____

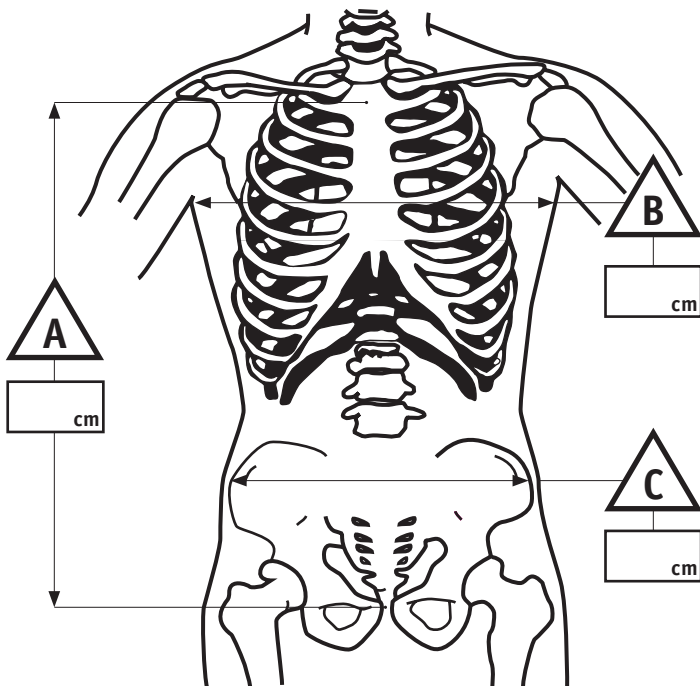
IMPORTANT!

Patient must lie supine, if possible with dorsolumbar support.

A = length of trunk from superior edge of sternum to center of pubic bone **minus 6 cm**

B = M-L measurement of the chest from axilla to axilla

C = M-L measurement of the pelvis from iliac crest to iliac crest at the level of the anterior iliac spines



Measurement Guide for Dist. A:



small 39 cm–46 cm
 medium 44 cm–56 cm
 large 48 cm–58 cm

(The anterior pads may be adjusted resulting in an additional height A of 5 cm.)

Measurement Guide for Dist. B and C



small 27 cm–33 cm
 medium 28 cm–36 cm
 large 30 cm–39 cm

Size of the orthosis

small
 medium
 large

Thoracolumbar Pad

standard
 extra-wide

Company stamp

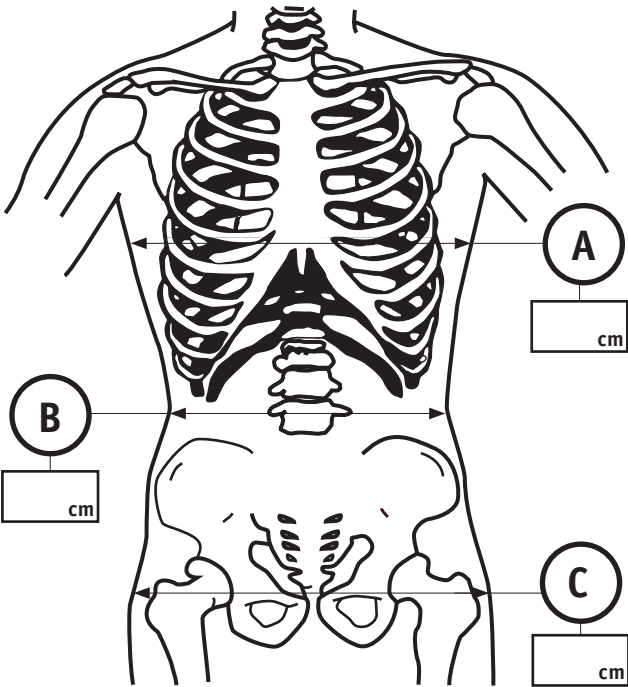
Date: _____ Orthotist's name: _____

Measurement Sheet for BOSTON Spinal Orthosis

Patient information:

Name: _____ Sex: M F Age: _____ Size: _____ Weight: _____

Diagnosis: _____ Application: _____



Size	Circumference of chest (below sternum)	Circumference of waist	Circumference of hips*
1	66	51	71
1D	58,5	46	71
2	71	61	76
2D	63,5	51	76
3	76	71	81
3D	74	66	81
4	84	76	86,5
4D	69	58,5	86,5
5	89	81	91,5
5D	76	66	91,5
6	94	86,5	96,5
6D	84	74	96,5
7	99	91,5	101,5
7D	91,5	81	101,5
8	109	96,5	109
8D	91,5	84	109

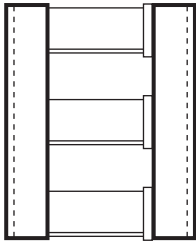
Size of orthosis * above the trochanter

Dorsal Reinforcement Stays
(available in pairs) moldable covered with Dacron



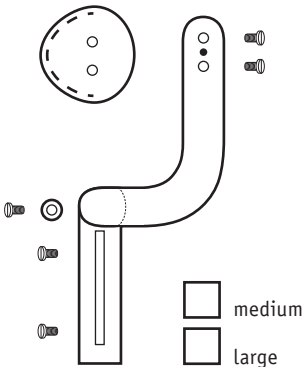
Length	Quantity
21 cm	_____
26 cm	_____
29 cm	_____
32 cm	_____
34 cm	_____
36 cm	_____
43 cm	_____

Closure Straps



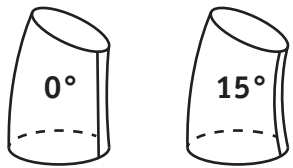
Length	Quantity
16 cm	_____
18 cm	_____
21 cm	_____
24 cm	_____

Hyperextension Bars
(Available in pairs) with continuous adjustment of the height and the angular position of the subclavicular pads.



Lordosis Angle

0° (only for men) 15°



Measurement Sheet for Hand Orthoses

Company stamp

Date: _____ Orthotist's name: _____

Patient information:

Name: _____ Sex: M F Age: _____ Size: _____ Weight: _____

Diagnosis: _____ Application: _____

Side

- left
 right

Model selection

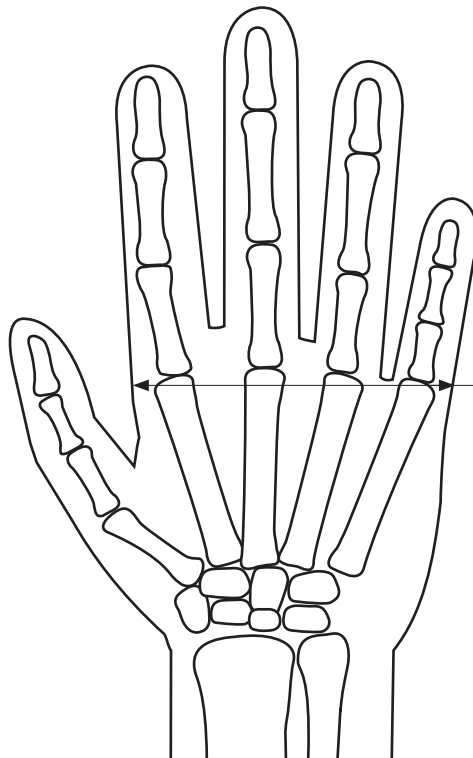
- DAHO Model 1
 DAHO Model 2.1
 DAHO Model 2.2
 DAHO Model 2.3
 DAHO Model 2.4
 DAHO Model 3, incl. glove
 DAHO Model 3.1
 DAHO Model 4
 DAHO Model 4P (perforated)

Option for Model 2.1–2.4

- Thumb extensor

Option for Model 3.1

- Connection bar long
 (for wrist flexion according to Kleinert)



Size

- small 5.5–7.0 cm
 medium 7.1–8.5 cm
 large 8.6–11.0 cm

- only for Model 4
 X-large > 11 cm



Hand width at level of metatarsophalangeal joints

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